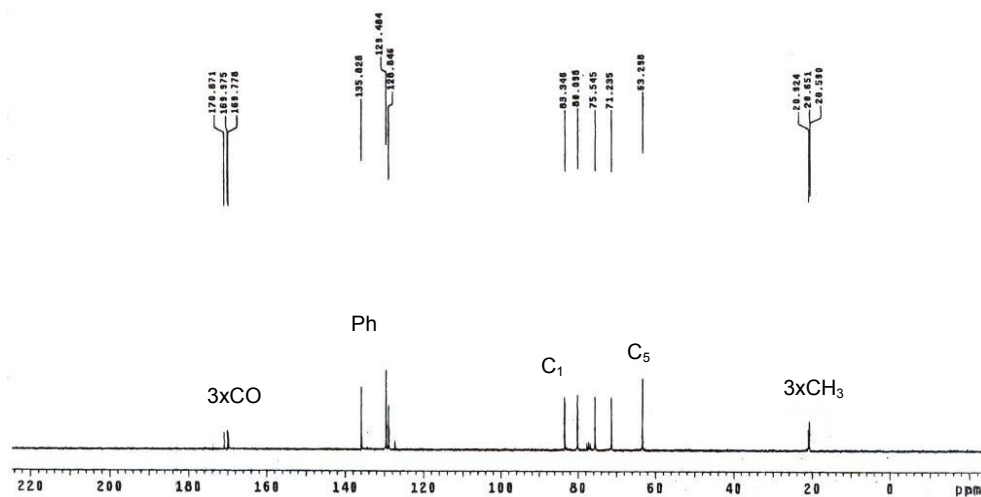
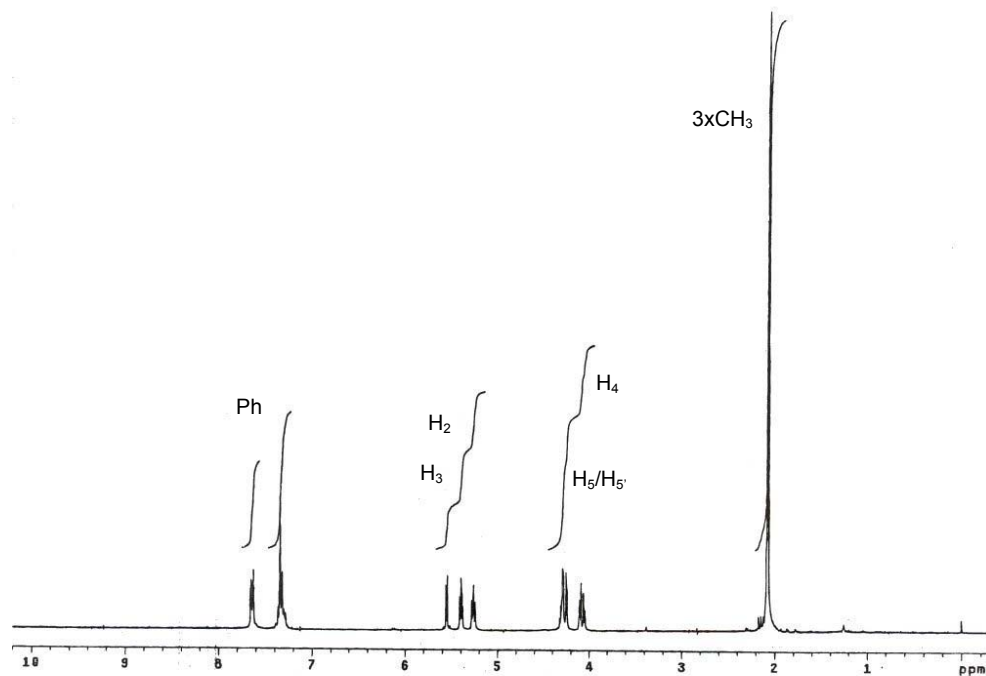
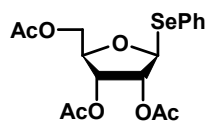
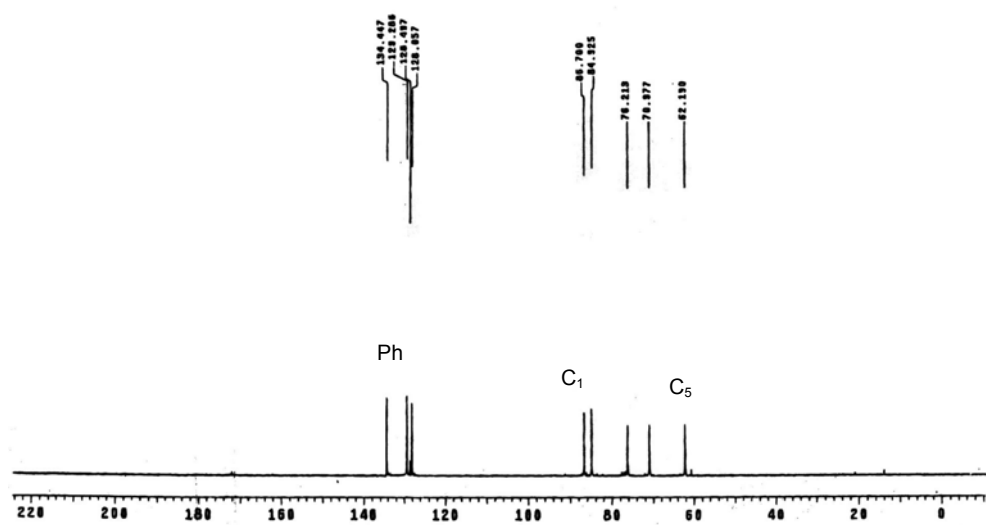
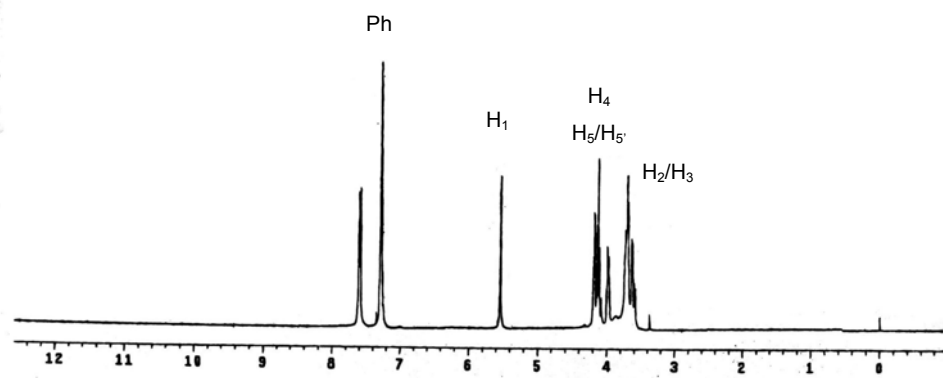
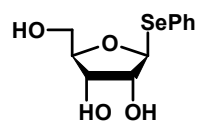


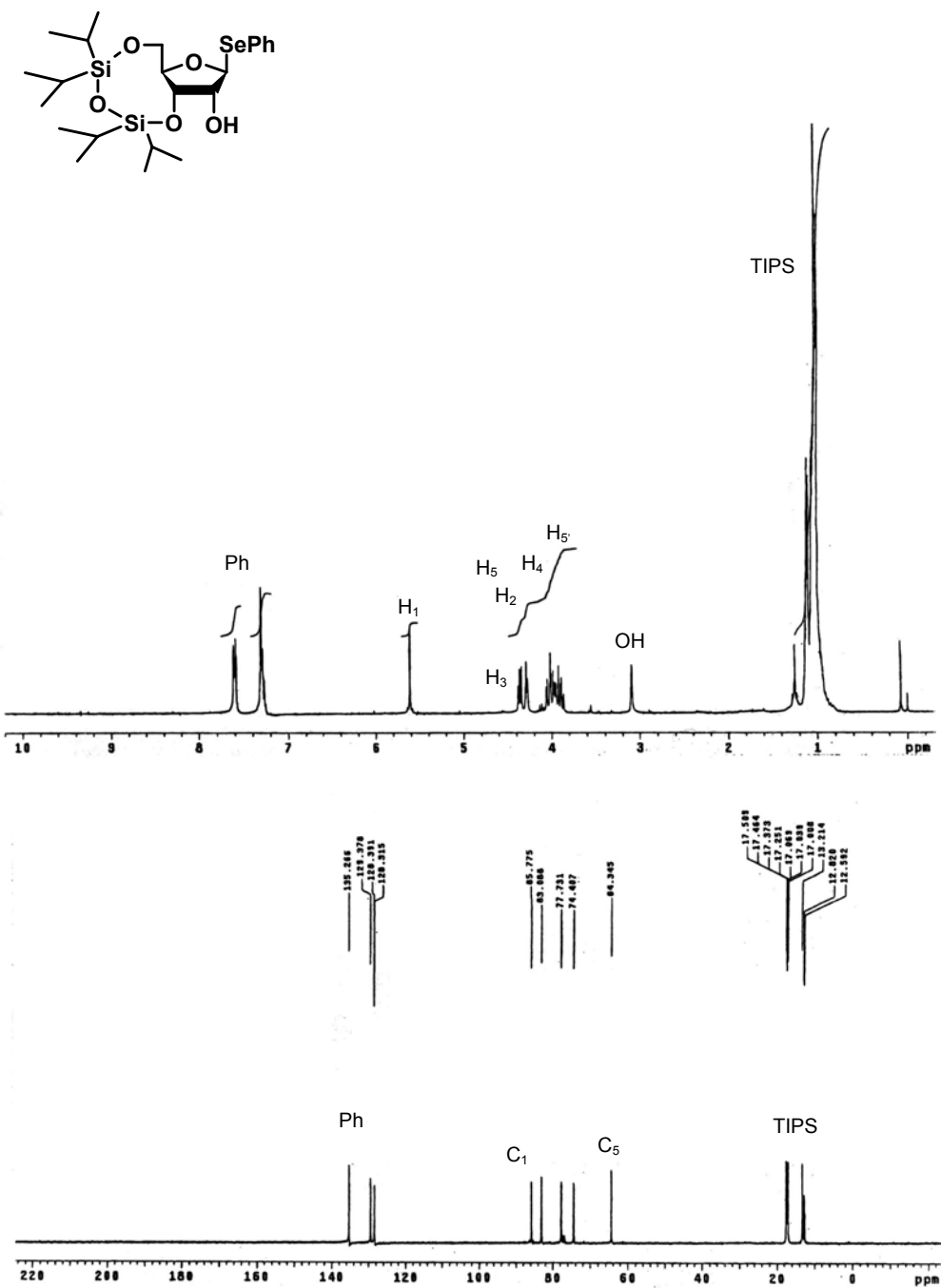
Espectro de RMN de ^1H y ^{13}C del fenil 2,3,5-tri-*O*-acetil-1-seleno- β -*D*-ribofuranósido (2).



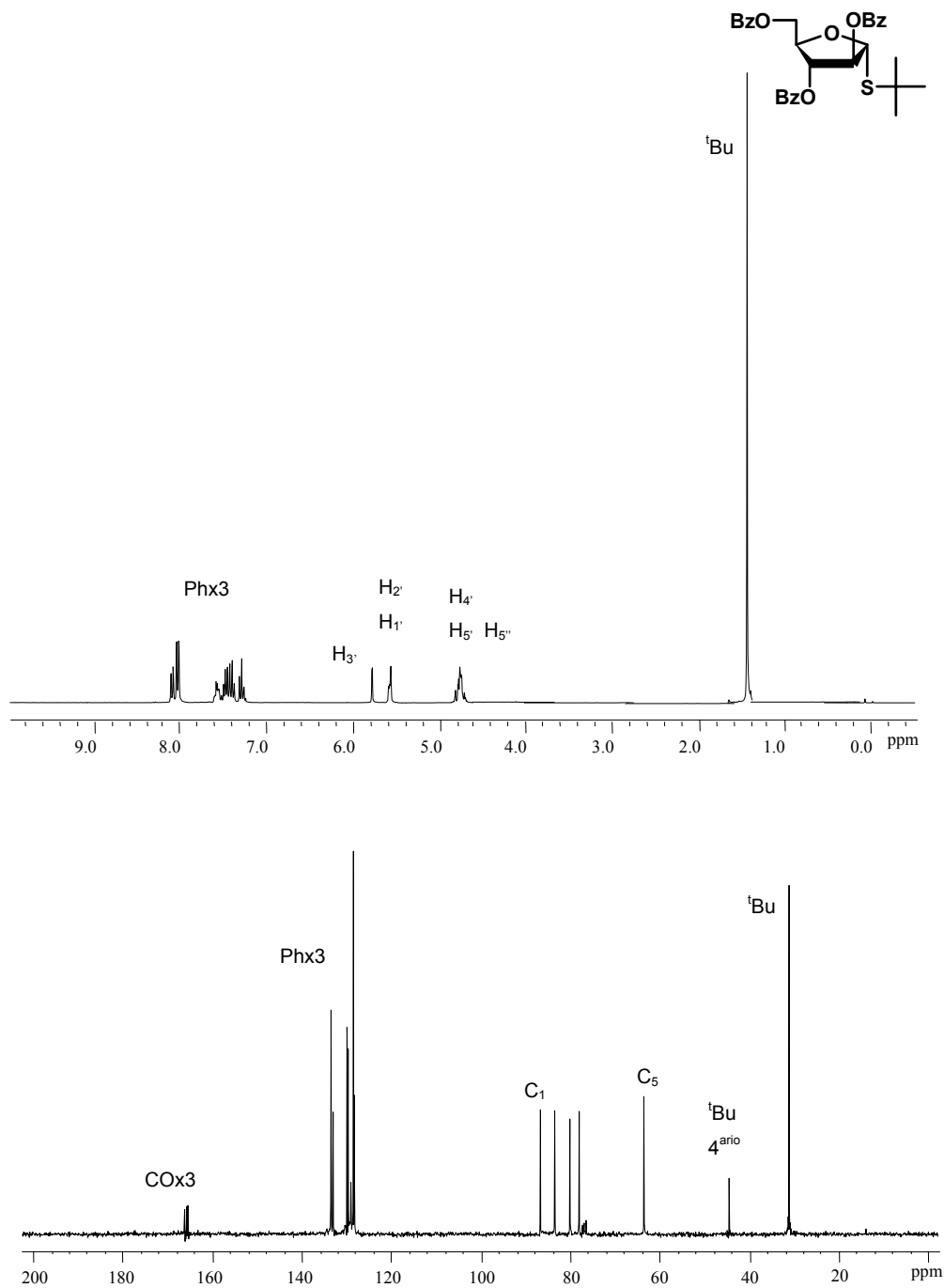
Espectro de RMN de ^1H y ^{13}C del fenil 1-seleno- β -D-ribo-furanósido (7).



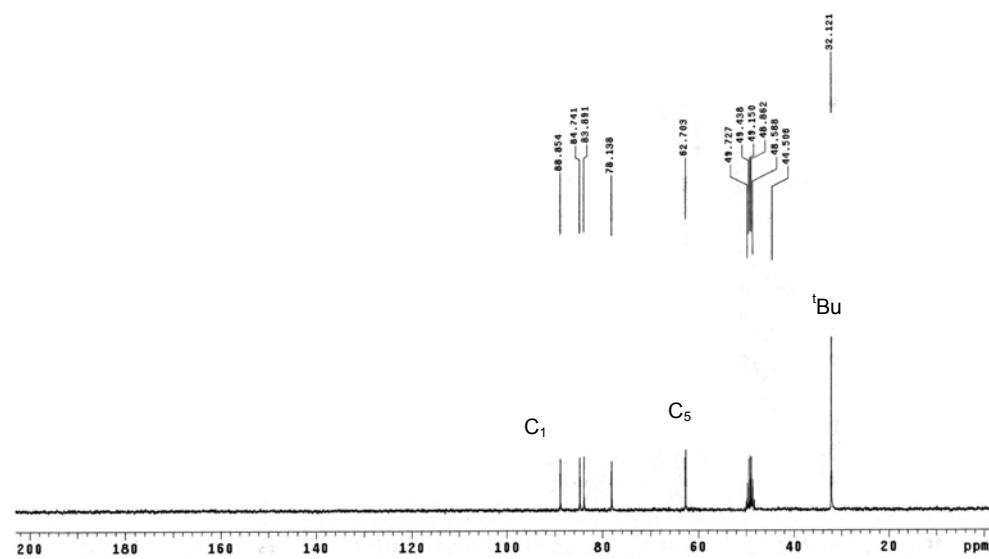
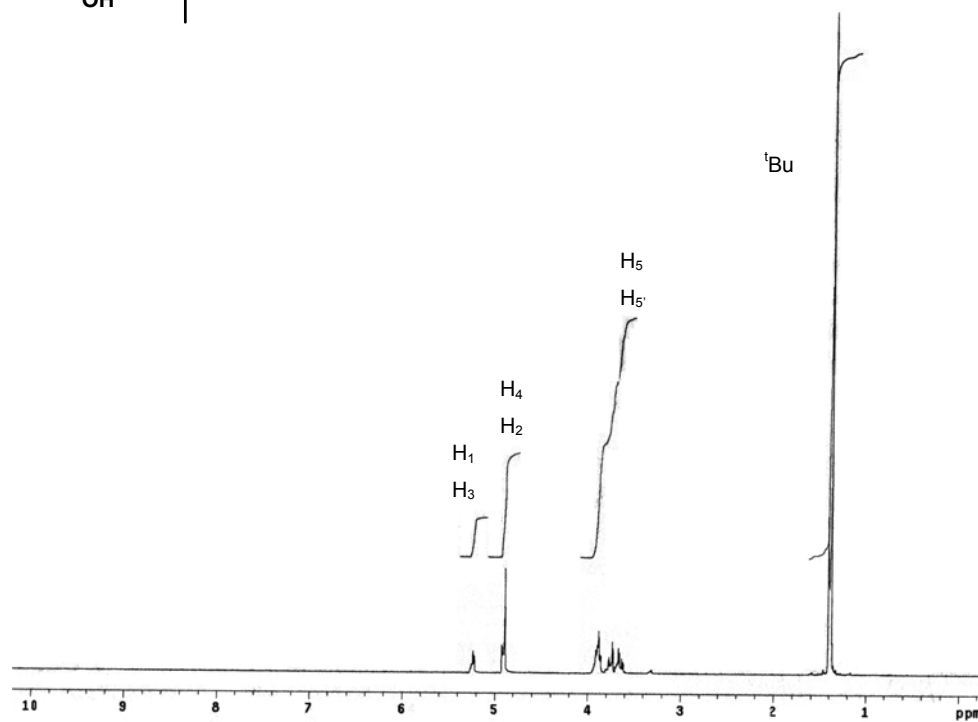
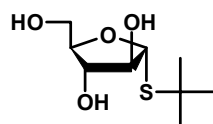
Espectro de RMN de ^1H y ^{13}C del fenil 3,5-*O*-(1,1,3,3-dicloruro de 1,1,3,3-tetraisopropildisiloxano-1,3-diil)-1-seleno- β -*D*-ribo-furanósido (12).



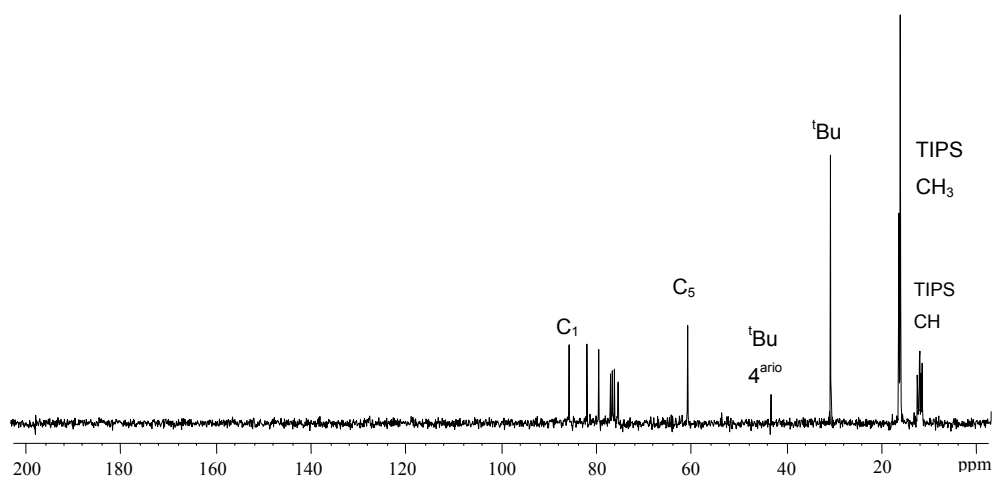
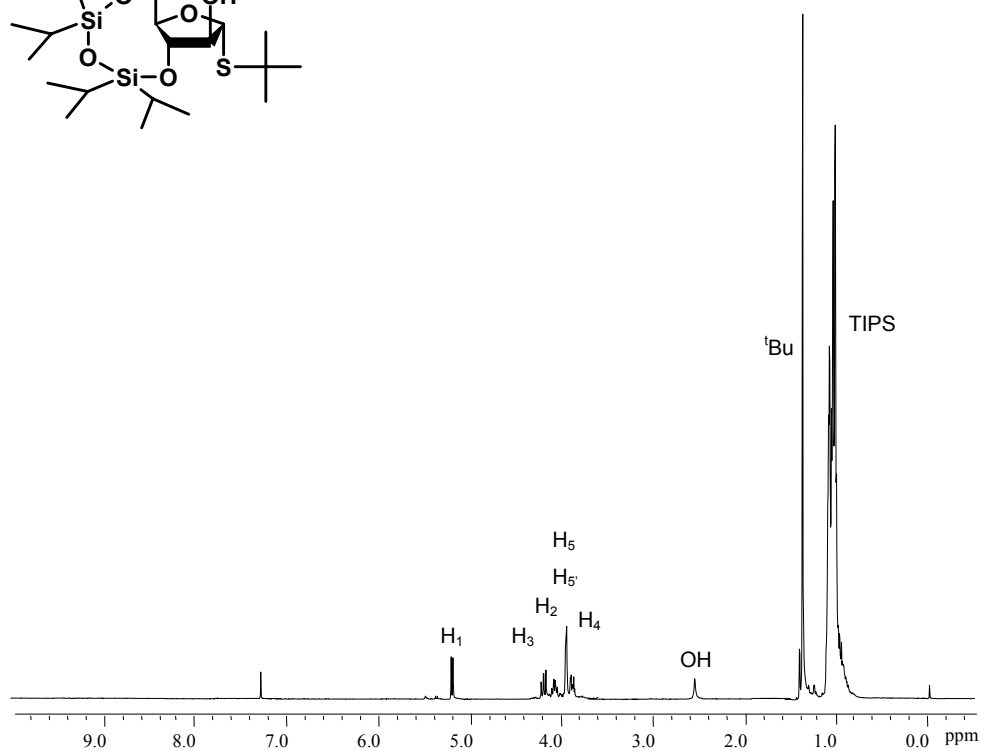
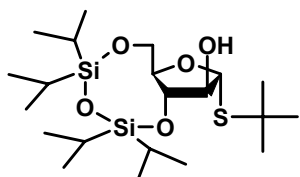
Espectro de RMN de ^1H y ^{13}C del *tert*-butil 2,3,5-tri-*O*-benzoil-1-tio- α -*D*-arabino-furanósido (23 α).



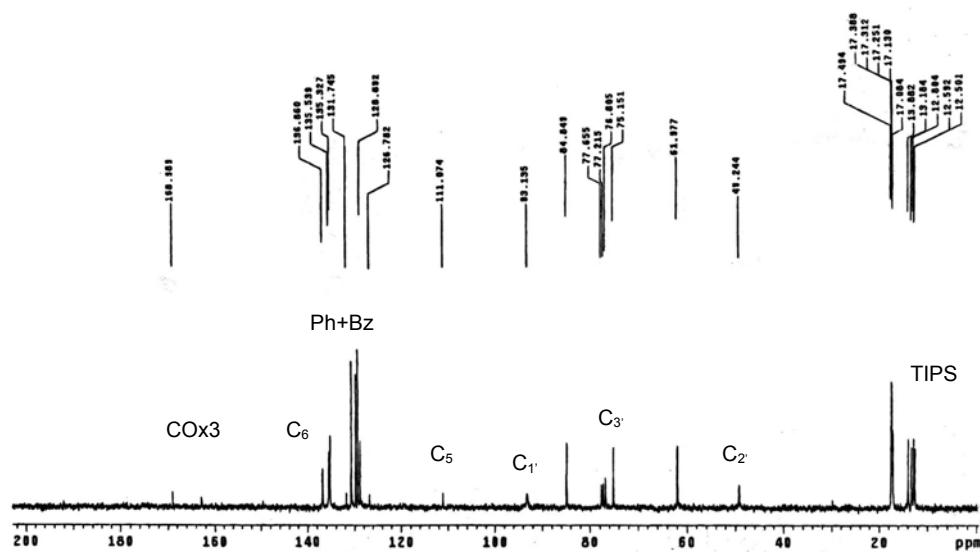
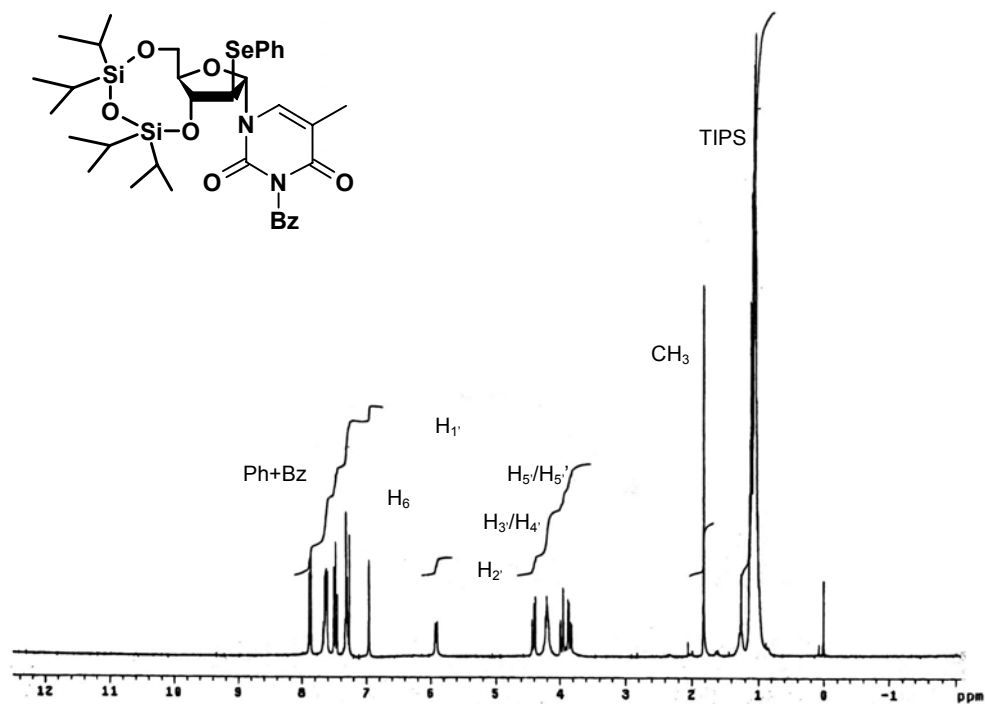
Espectro de RMN de ^1H y ^{13}C del *tert*-butil 1-tio- α -D-arabino-furanósido (26).



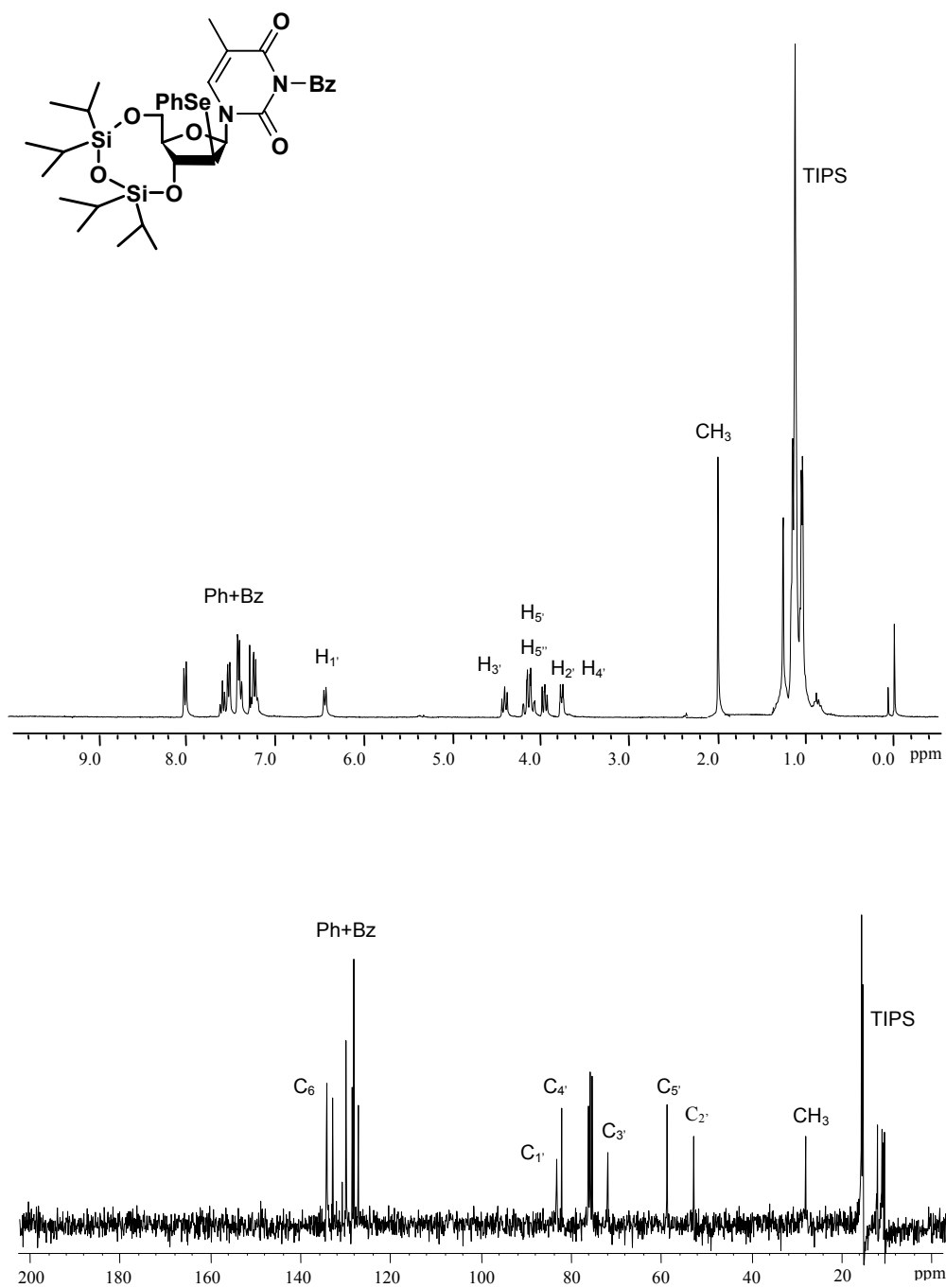
Espectro de RMN de ^1H y ^{13}C del *tert*-butil 3,5-*O*-(1,1,3,3-dicloruro de 1,1,3,3-tetraisopropildisiloxano-1,3-diil)-1-tio- α -*D*-arabino-furanósido (29).



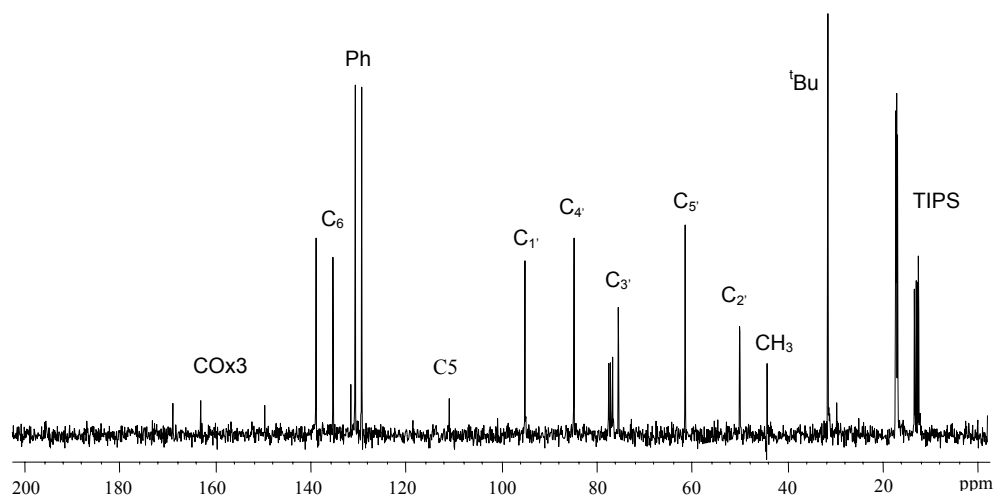
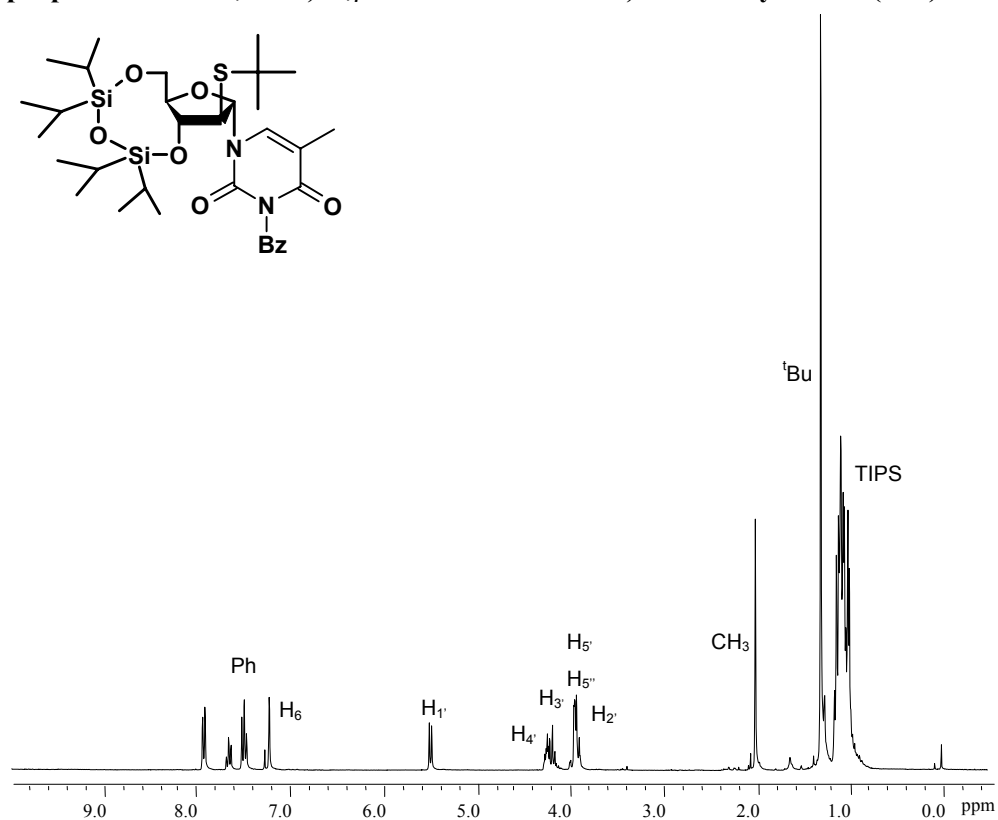
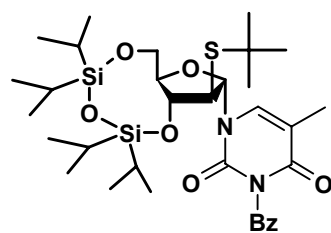
Espectro de RMN de ^1H y ^{13}C del 1-(2-fenilselenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- α -*D*-arabino-furanosil)- N^3 -benzoyltimina (32α).



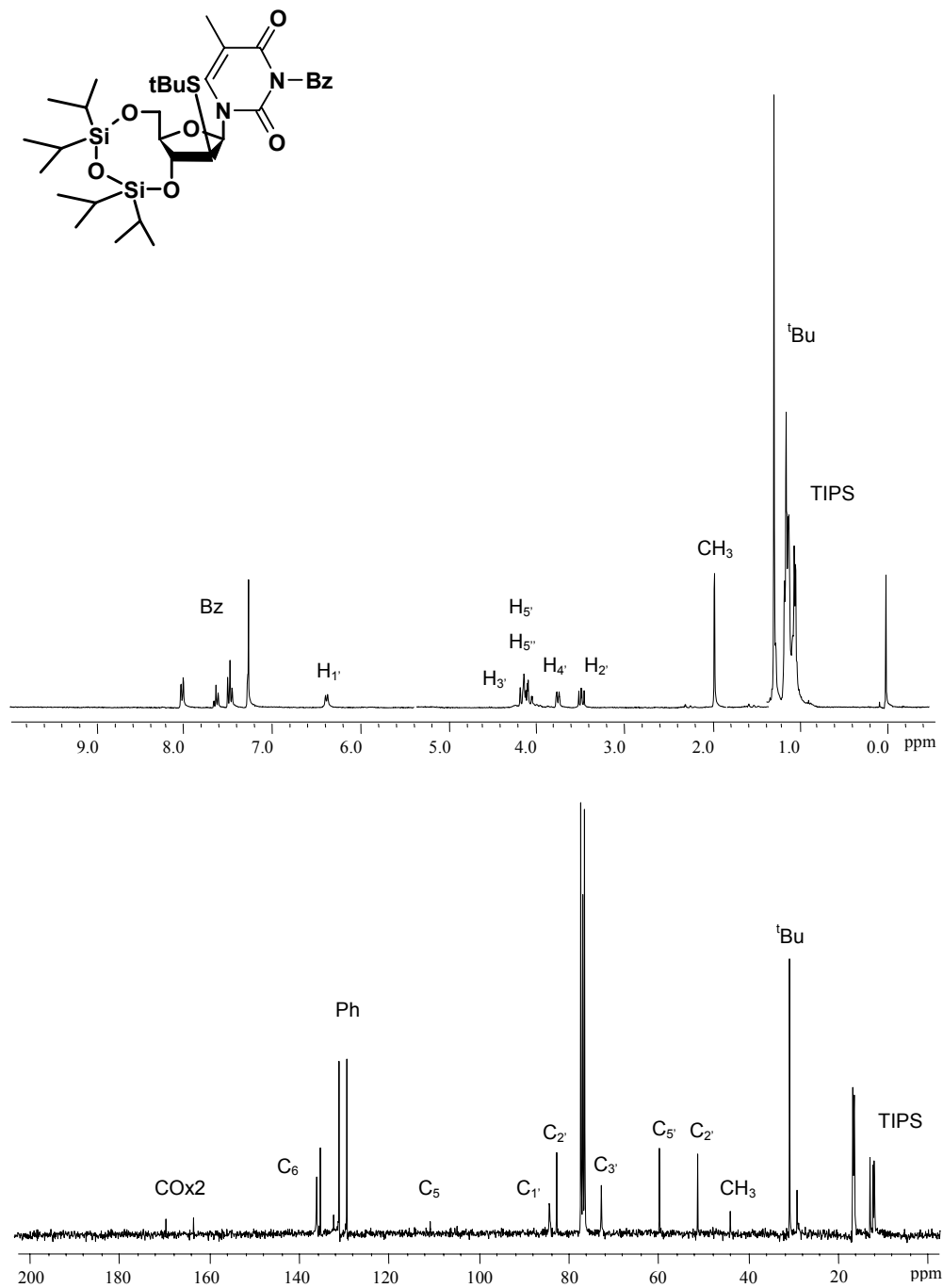
Espectro de RMN de ^1H y ^{13}C del 1-(2-fenilselenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- β -*D*-arabino-furanosil)- N^3 -benzoyltimina (32 β).



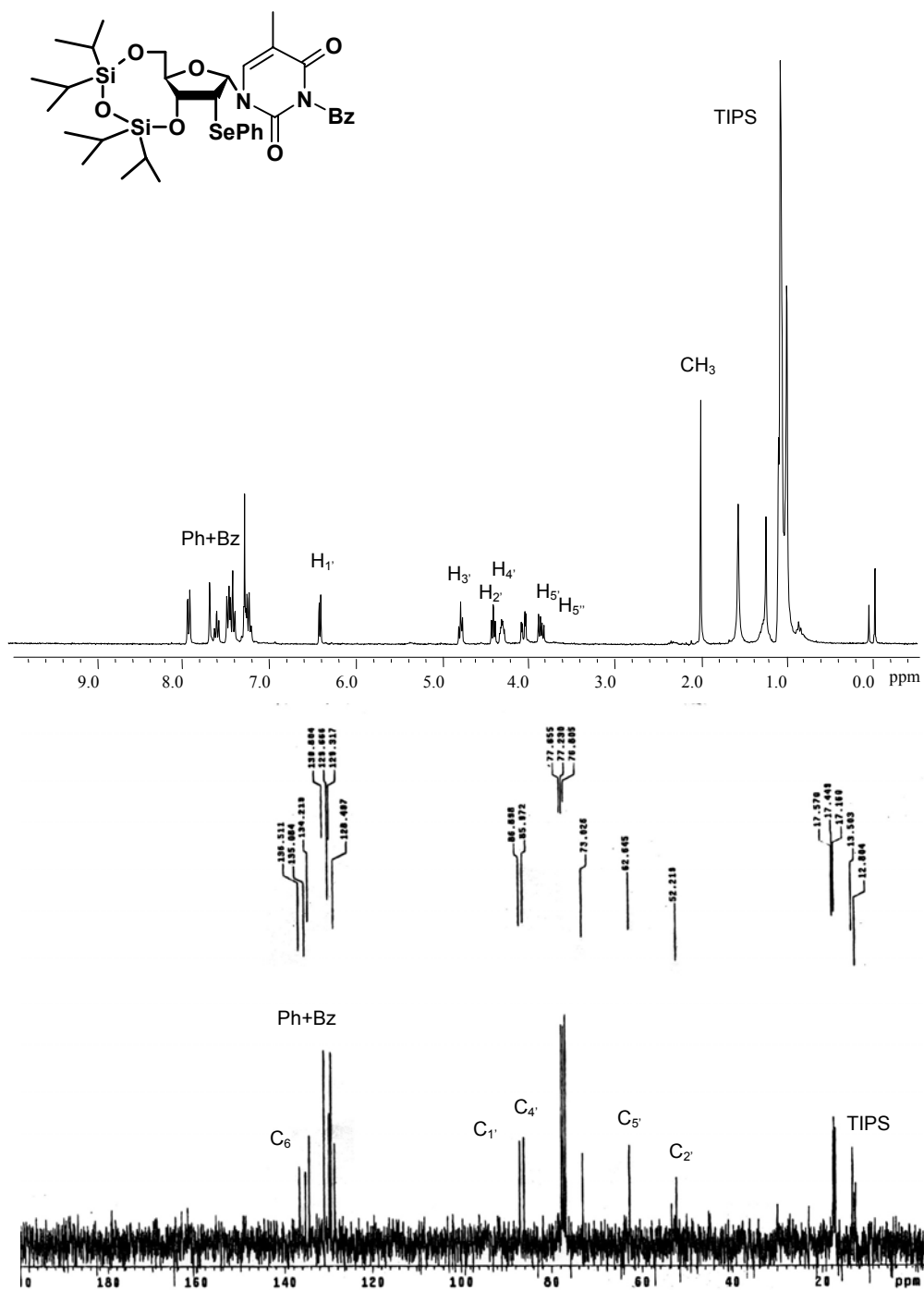
Espectro de RMN de ^1H y ^{13}C del 1-(2-*tert*-butilsufenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- α,β -*D*-arabino-furanosil)- N^3 -benzoyltimina (36 α).



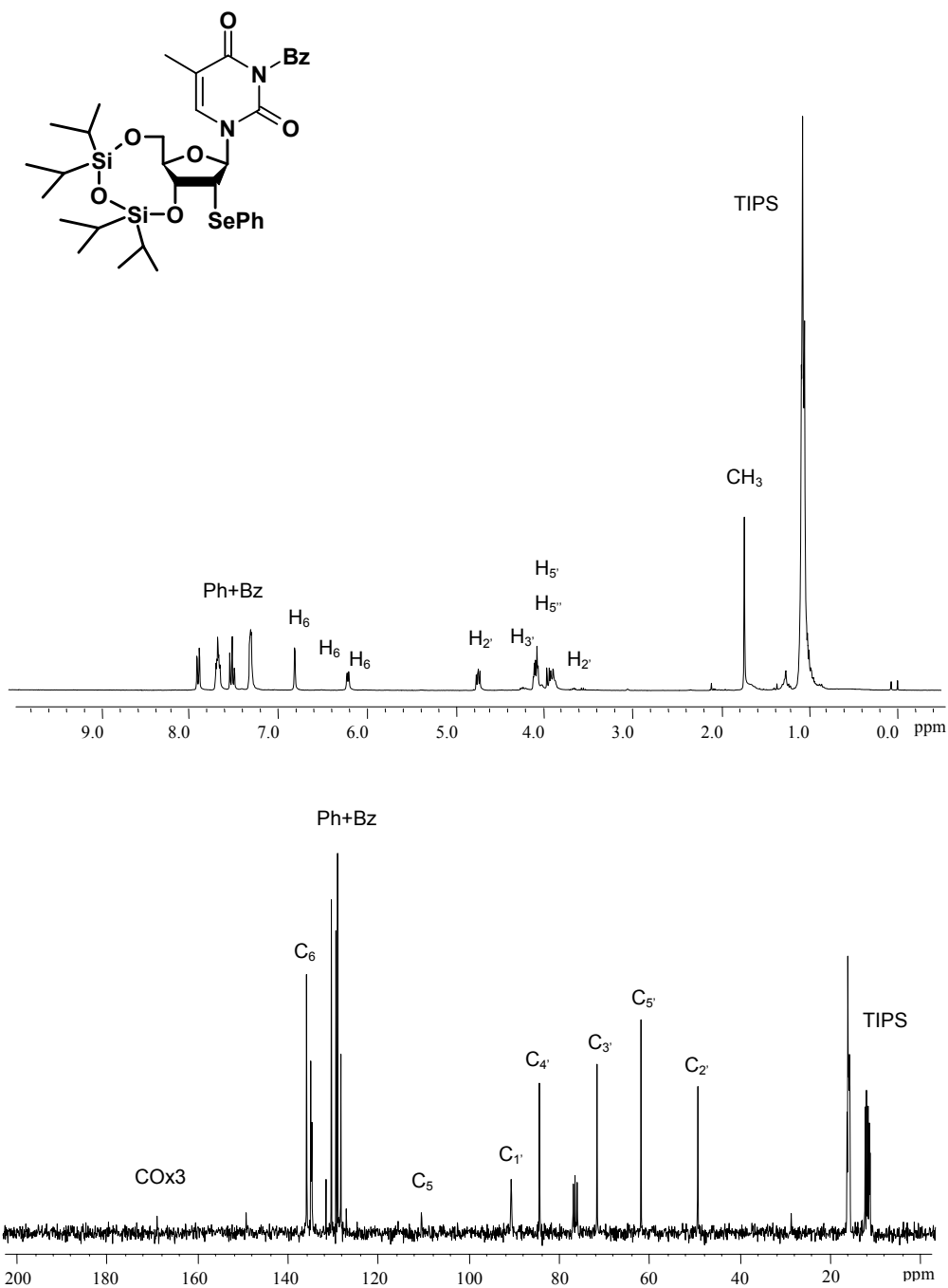
Espectro de RMN de ^1H y ^{13}C del 1-(2-*tert*-butilsufenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- β -*D*-arabino-furanosil)- N^3 -benzoyltimina (36 β).



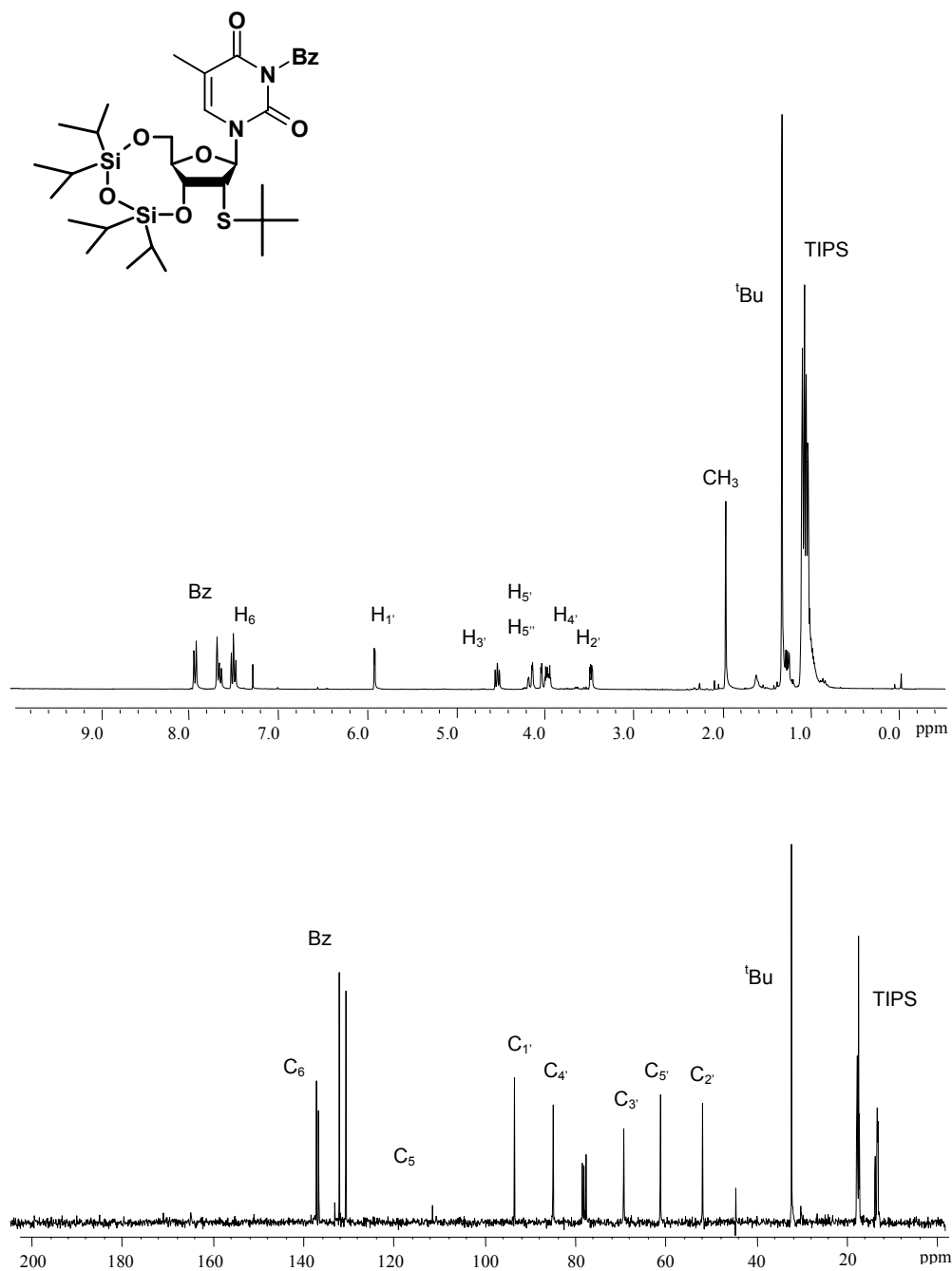
Espectro de RMN de ^1H y ^{13}C del 1-(2-fenilselenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- α,β -*D*-ribo-furanosil)- N^3 -benzoyltimina (38α).



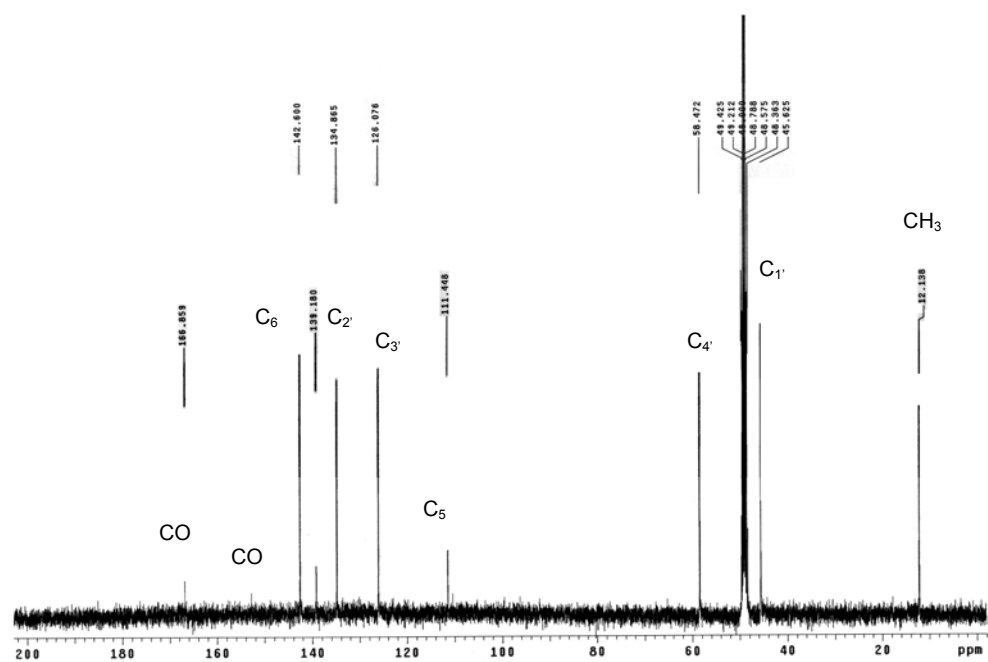
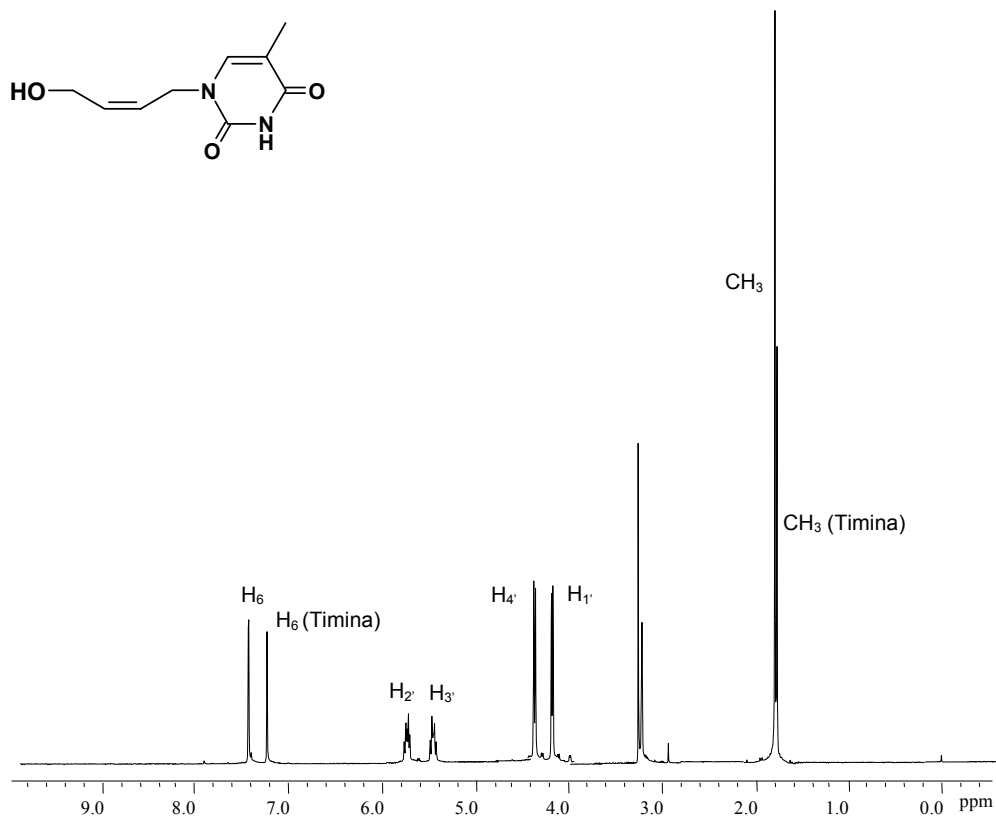
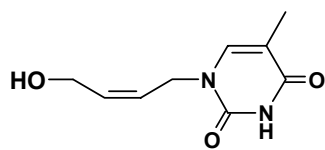
Espectro de RMN de ^1H y ^{13}C del 1-(2-fenilselenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- α,β -*D*-ribo-furanosil)- N^3 -benzoyltimina (38 β).



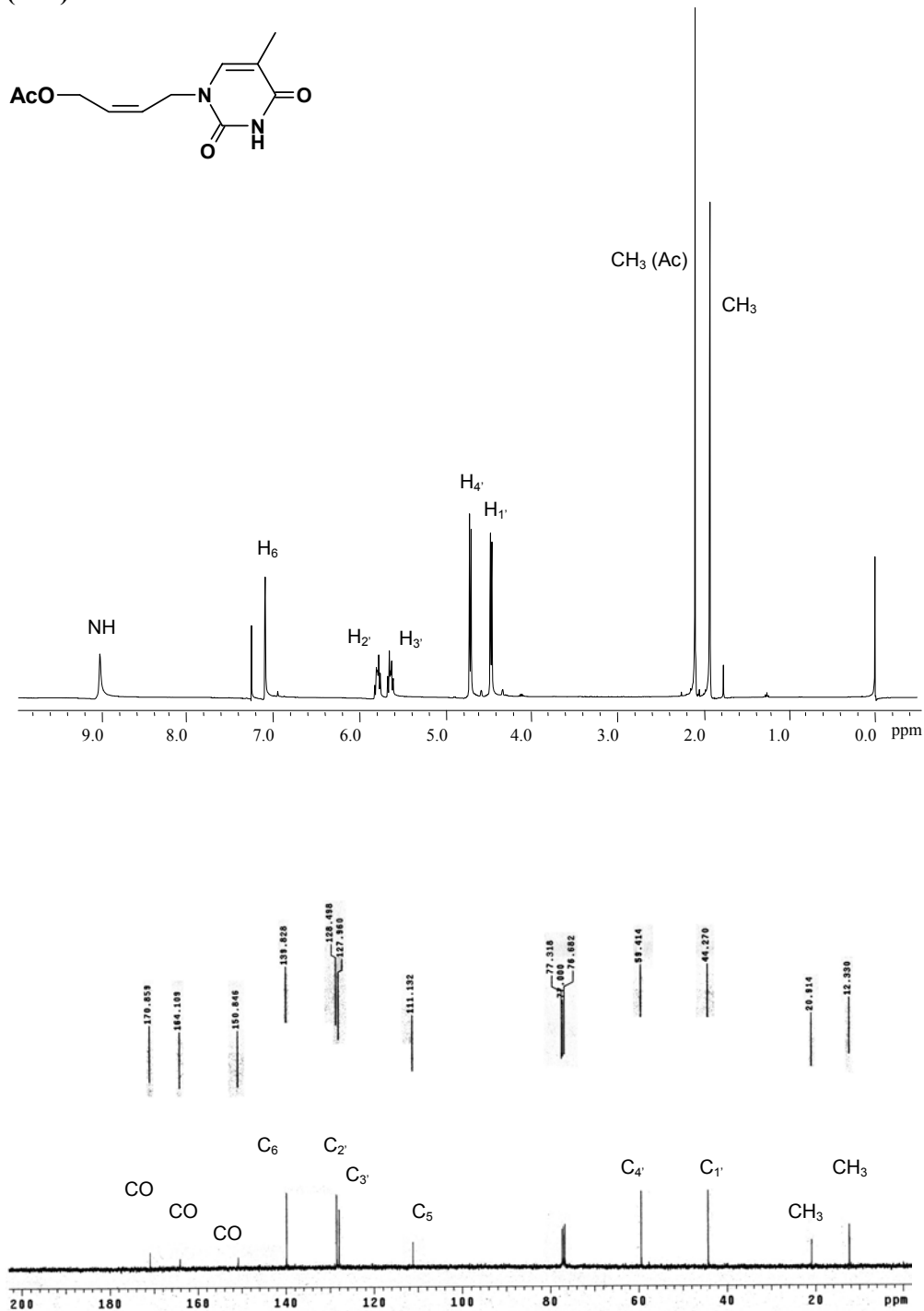
Espectro de RMN de ^1H y ^{13}C 1-(2-*tert*-butilsulfenil-3,5-*O*-(1,1,3,3-tetraiso-propildisiloxano-1,3-diil)- β -*D*-ribo-furanosil)- N^3 -benzoyltimina (41).



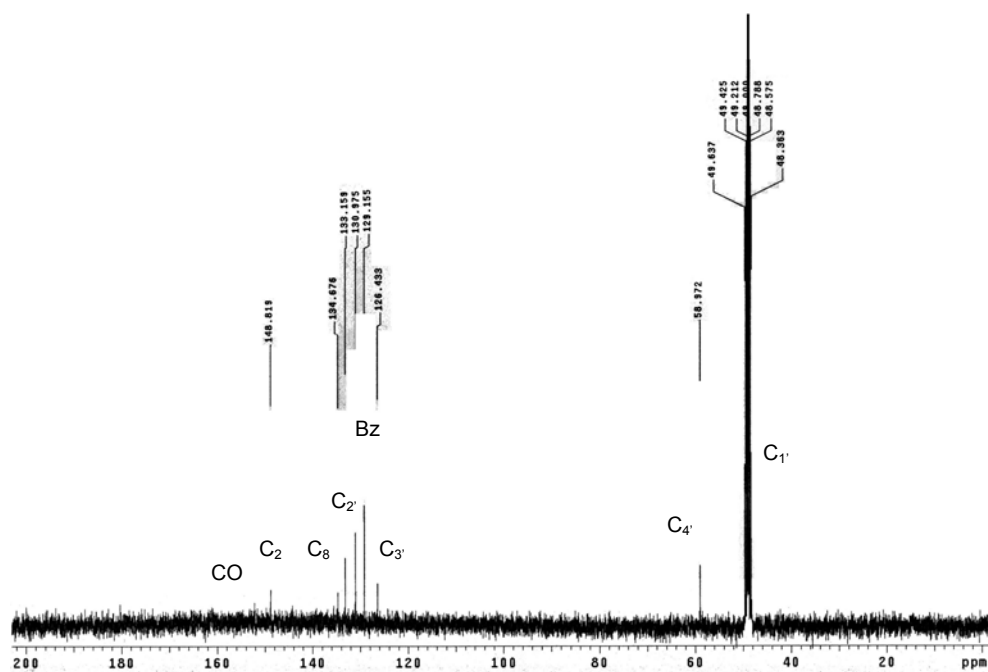
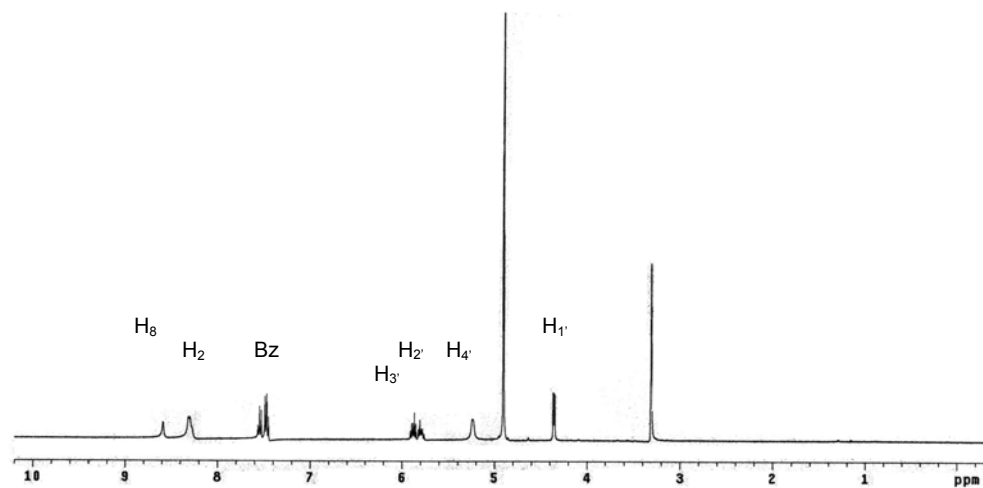
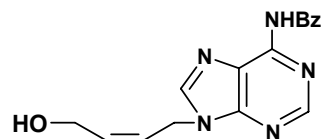
Espectro de RMN de ^1H y ^{13}C de 1'-[(2'Z)-2'-buten-4'-ol-1'-il]-timina (75Z).



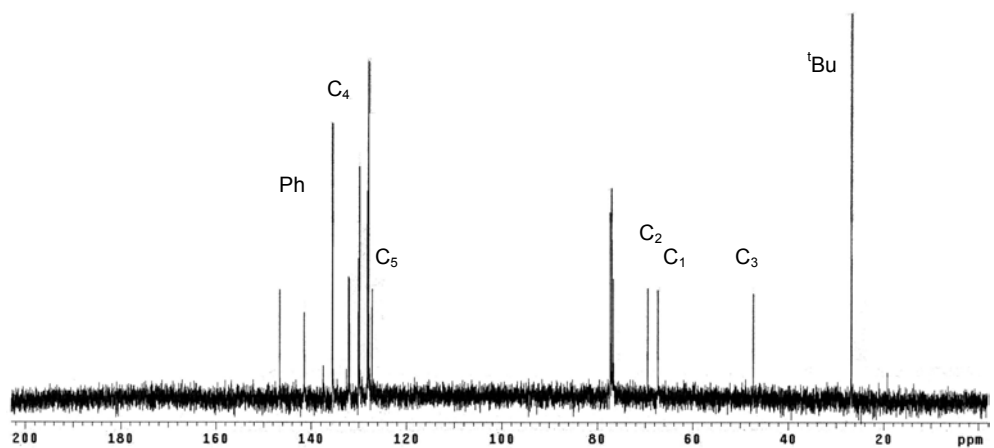
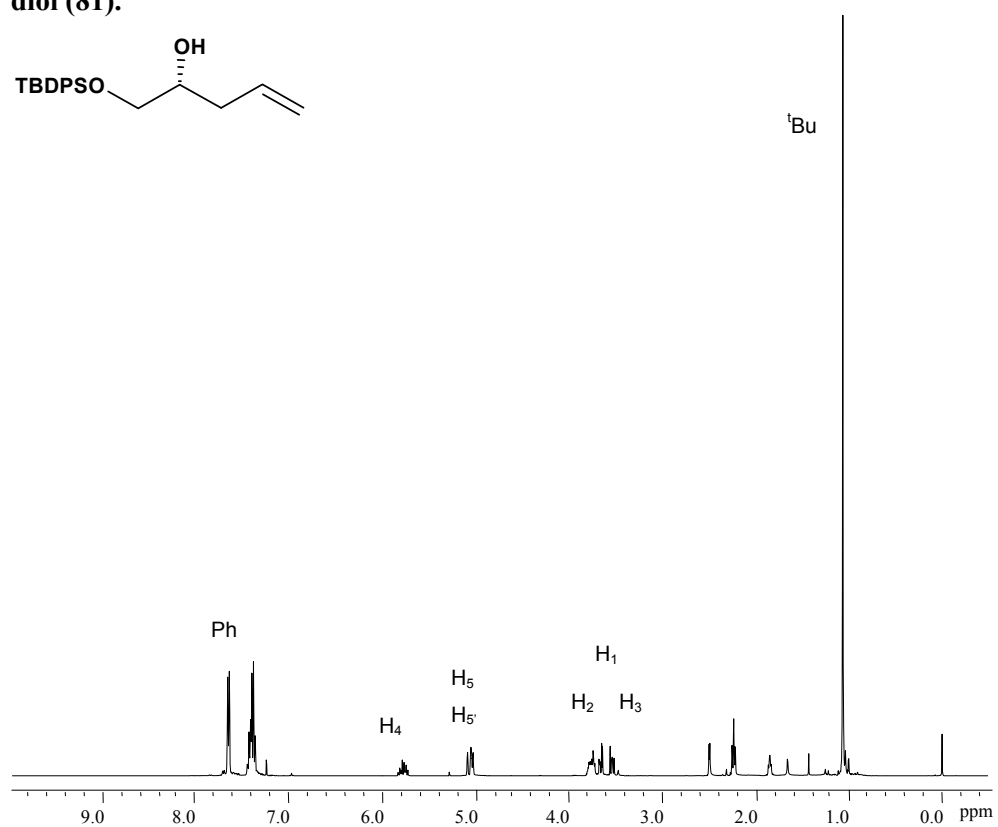
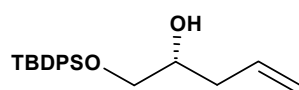
Espectro de RMN de ^1H y ^{13}C de 1'-[(2'Z)-2'-buten-4'-acetoxi-1'-il]-timina (76Z).



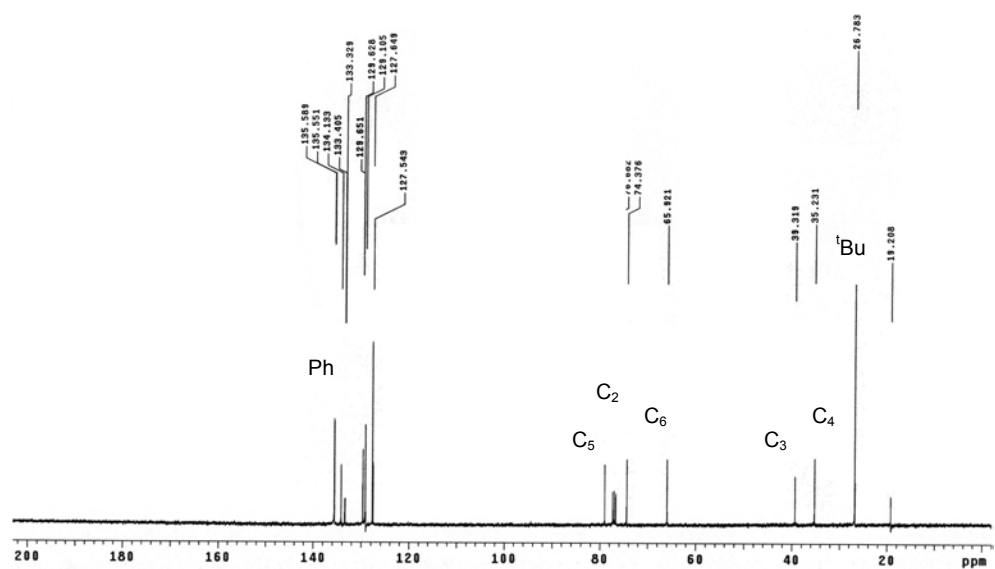
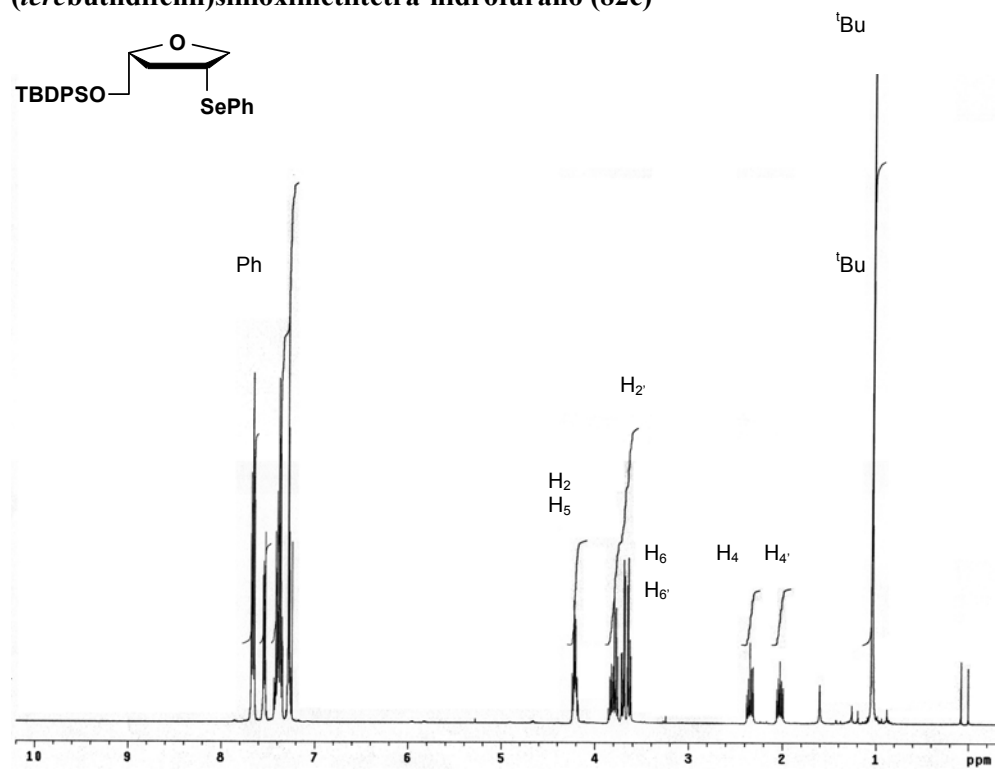
Espectro de RMN de ^1H y ^{13}C del 1'-[(2'Z)-2'-buten-4'-ol-1'-il]-N⁶-benzoyl-adenina (78Z).



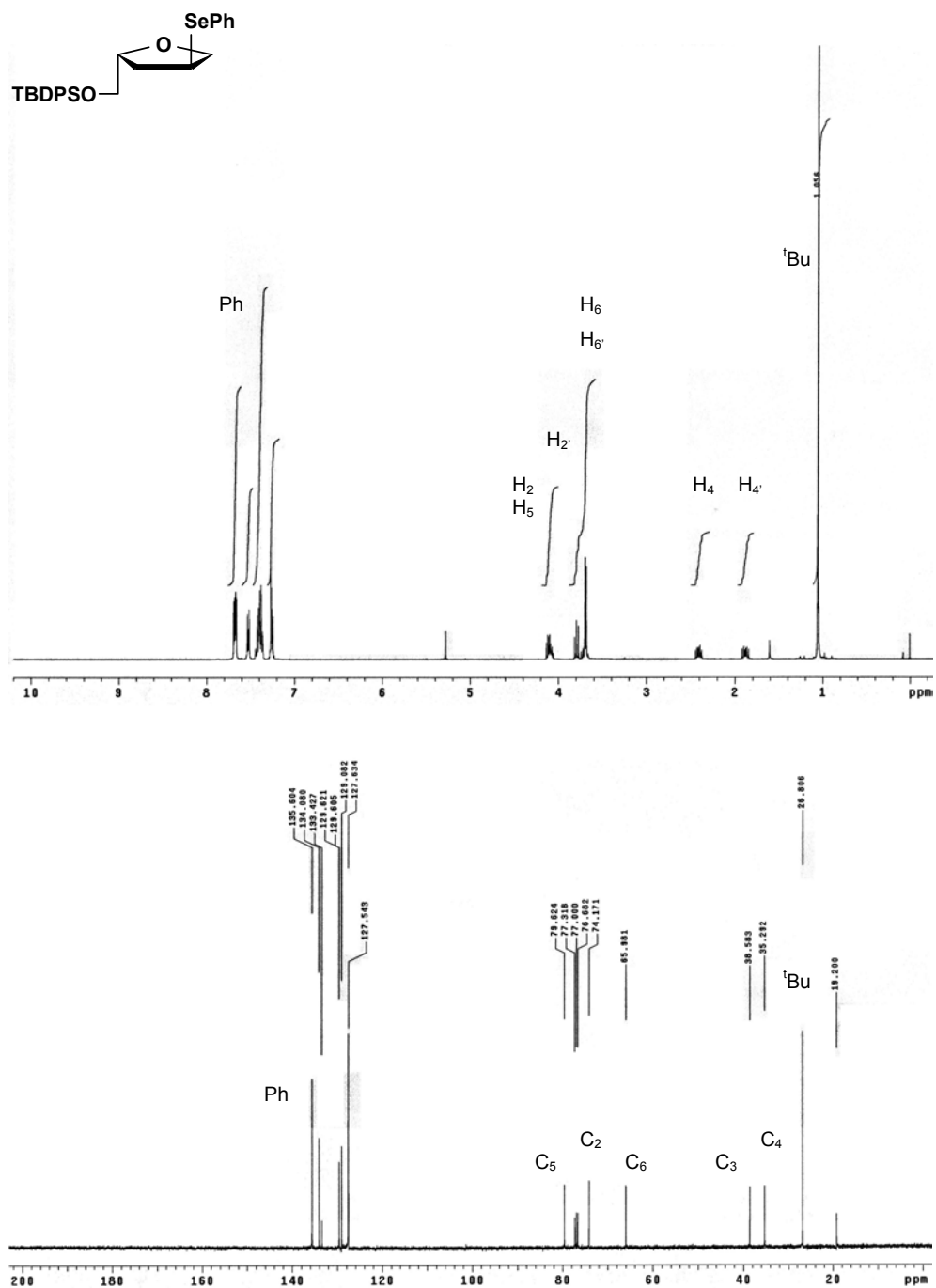
Espectro de RMN de ^1H y ^{13}C de (R)-1-O-(terc-butildifenilsilil)-4-penten-1,2-diol (81).



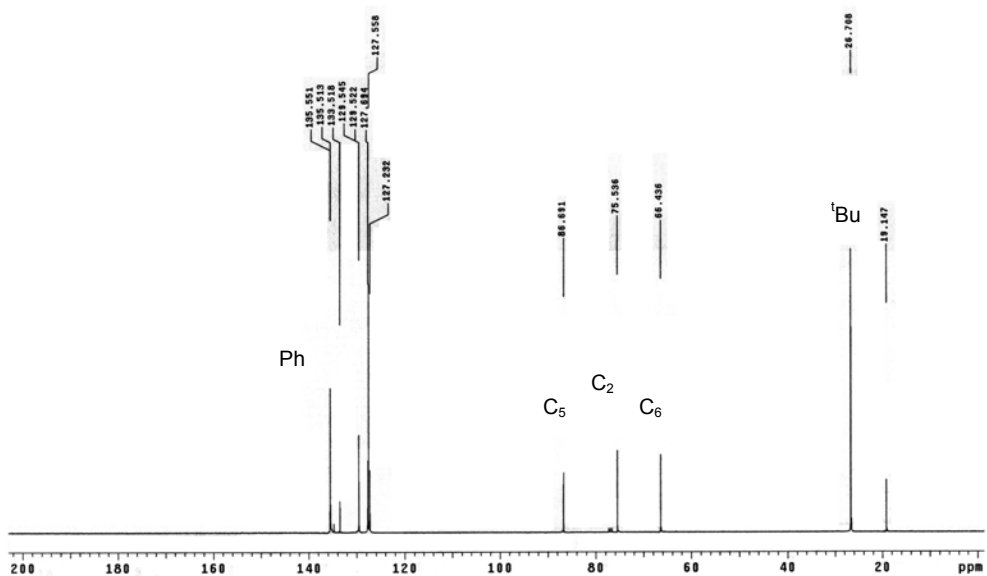
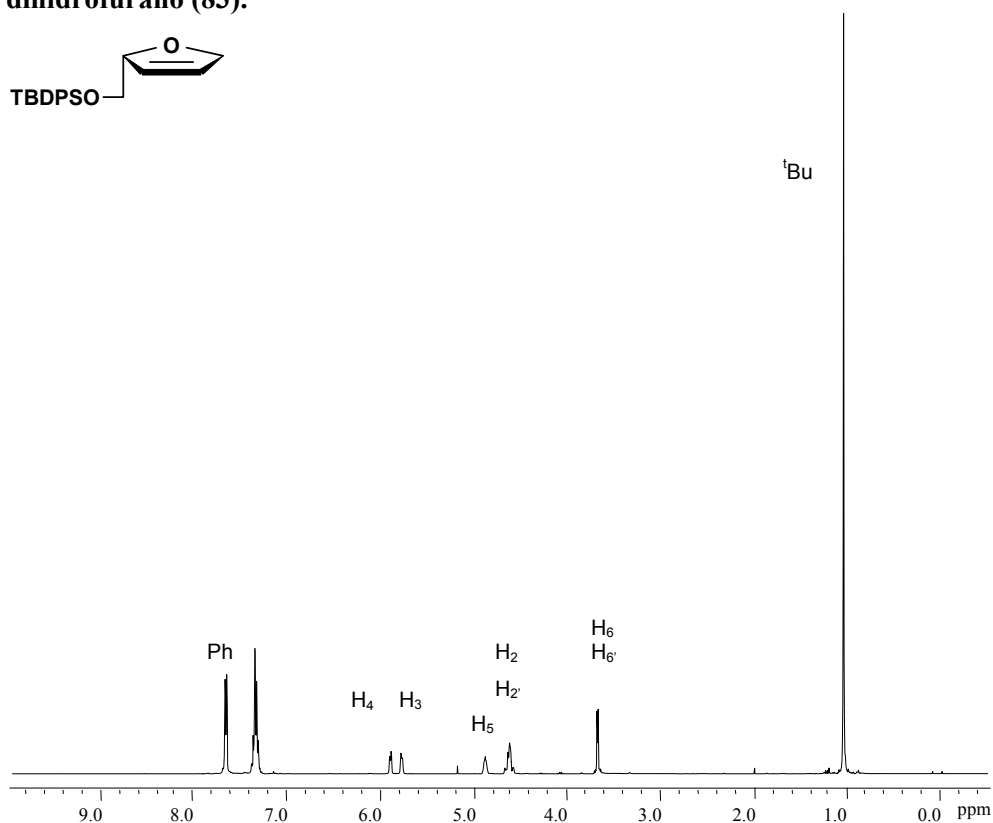
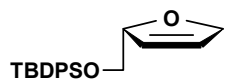
Espectro de RMN de ^1H y ^{13}C de (3*R*,5*R*)-3-fenilselenenil-5-(*tert*butildifenil)sililoximetiltetra-hidrofurano (82c)



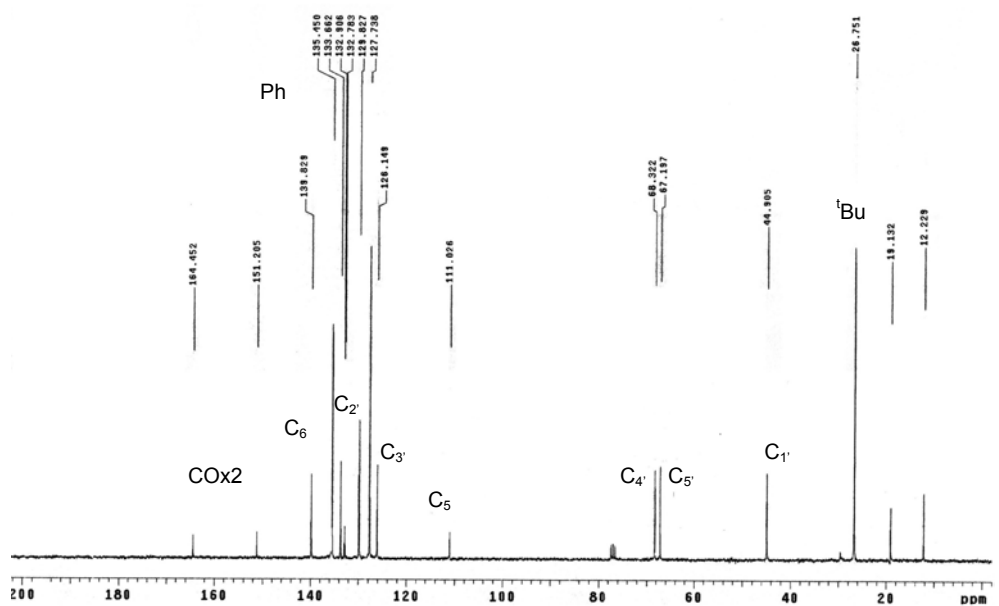
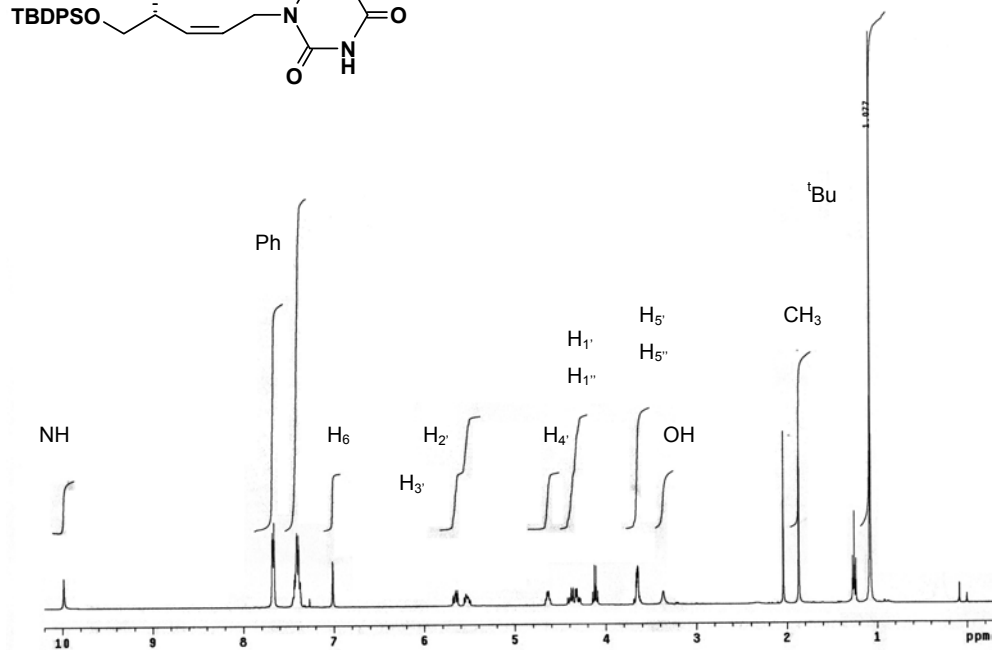
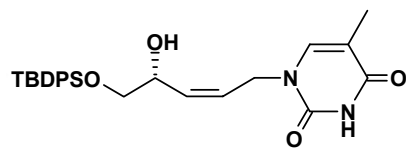
Espectro de RMN de ^1H y ^{13}C de (3*S*,5*R*)-3-fenilselenenil-5-(*terc*butildifenil)siloximetiltetrahydro-furano (82t).



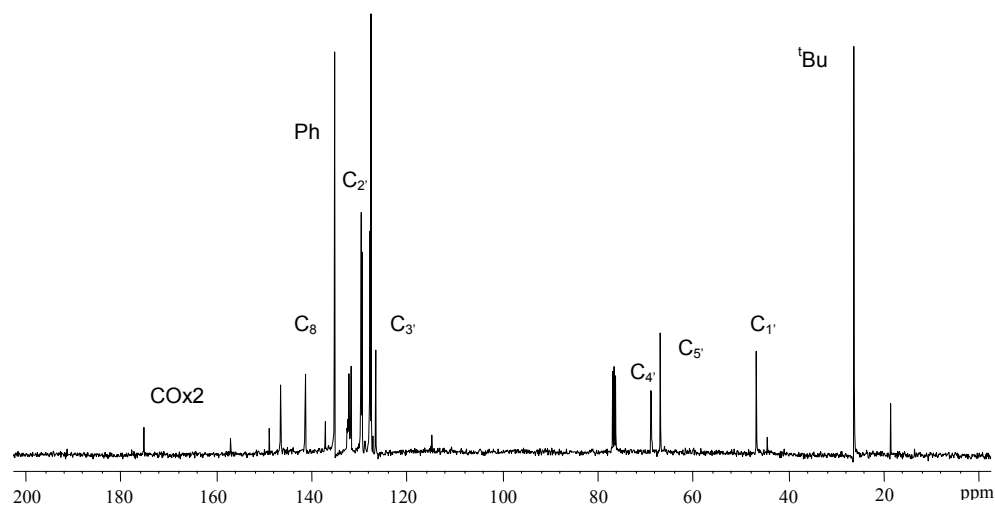
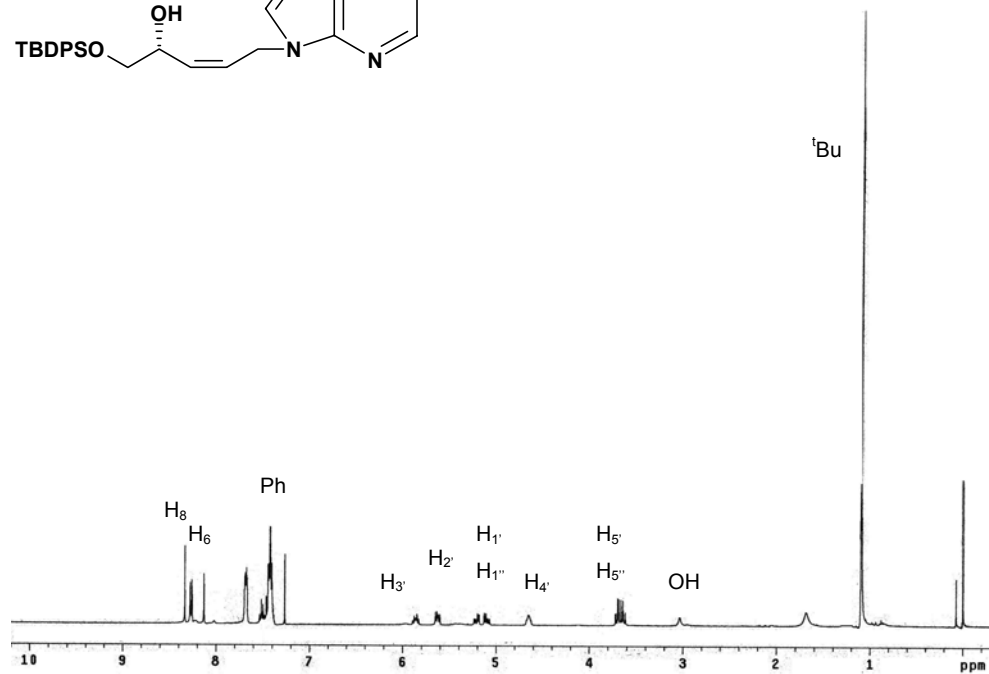
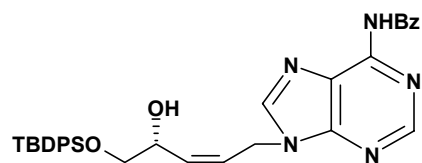
Espectro de RMN de ^1H y ^{13}C de (*5R*)-5-(*terc*-butildifenil)siloximetil-2,5-dihidrofurano (83).

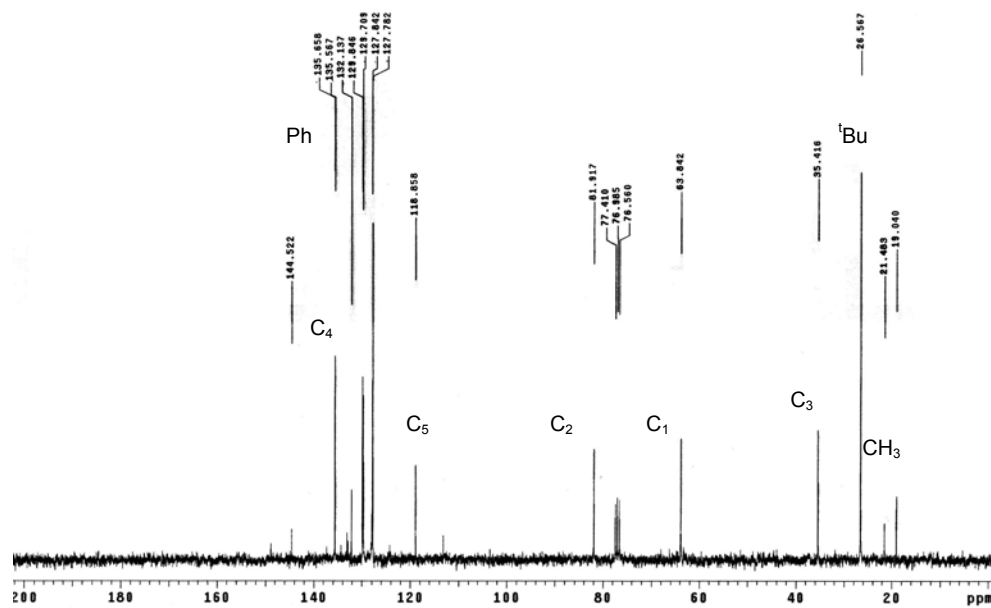
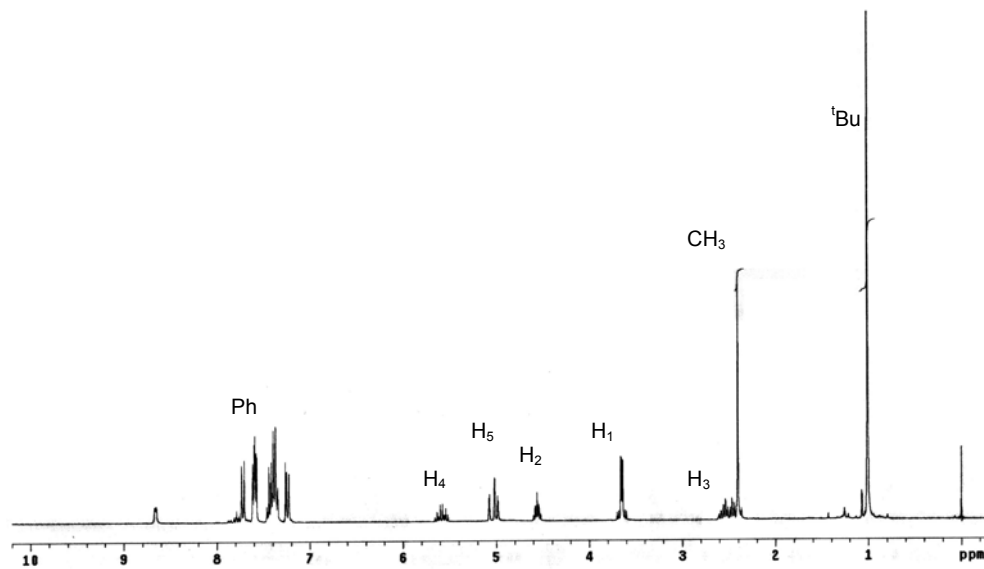
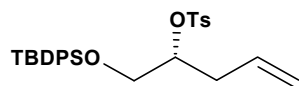


Espectro de RMN de ^1H y ^{13}C de (4'R)-1'(5'-O-*tert*-butildifenilsilil-2'-penten-4',5'-diol-1'-il)-timina (84).

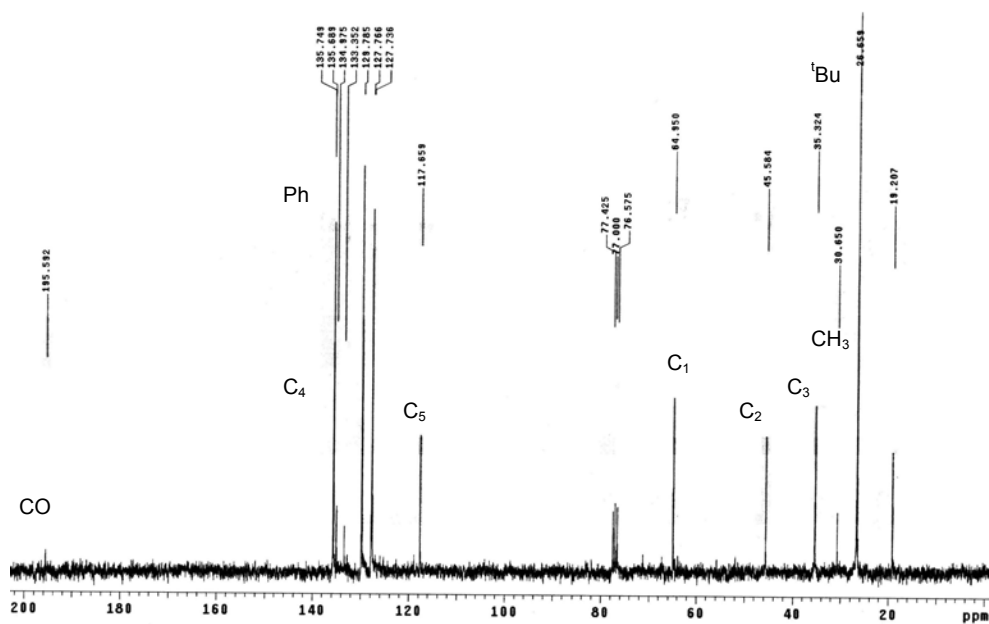
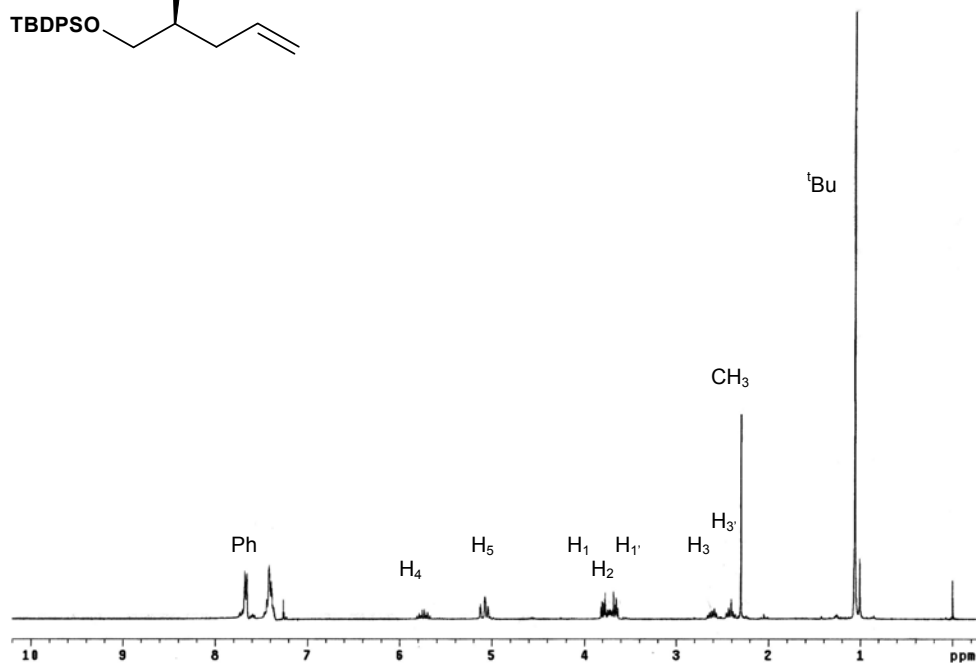
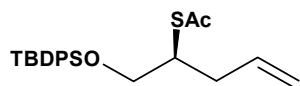


Espectro de RMN de ^1H y ^{13}C de (4'R)-1'(5'-*O*-*tert*-butildifenilsilil-2'-penten-4',5'-diol-1'-yl)- N^6 -benzoyl-adenina (85).

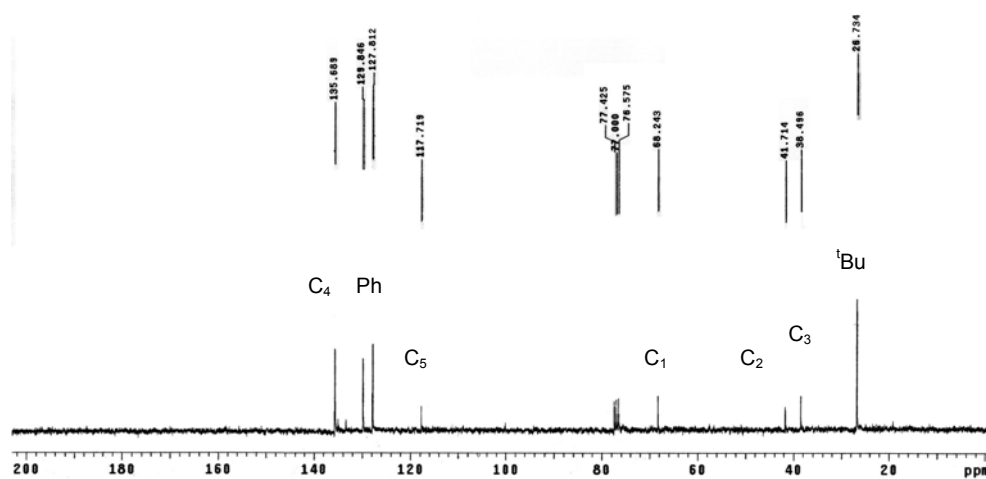
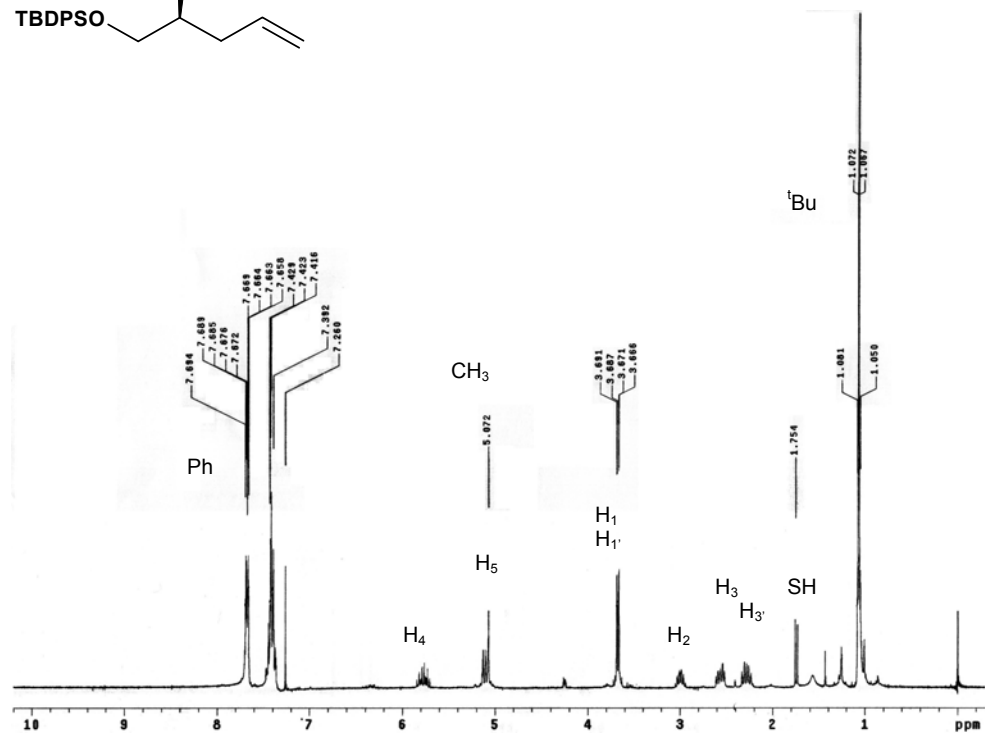
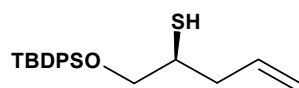


Síntesis de (R)-1-O-(*tert*-butil-difenilsilil)-2-O-(*p*-toluensulfonil)-4-penten-1,2-diol (89).

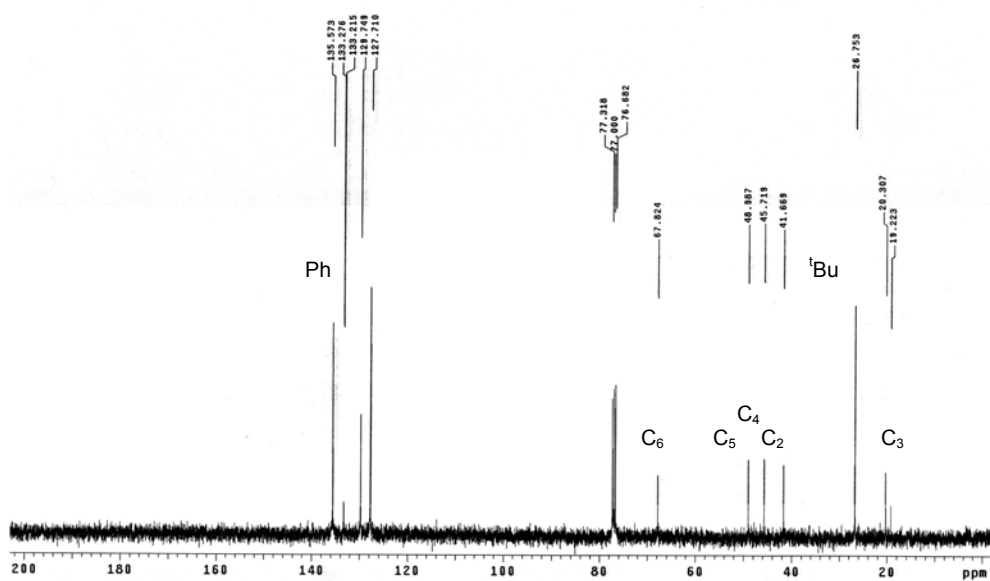
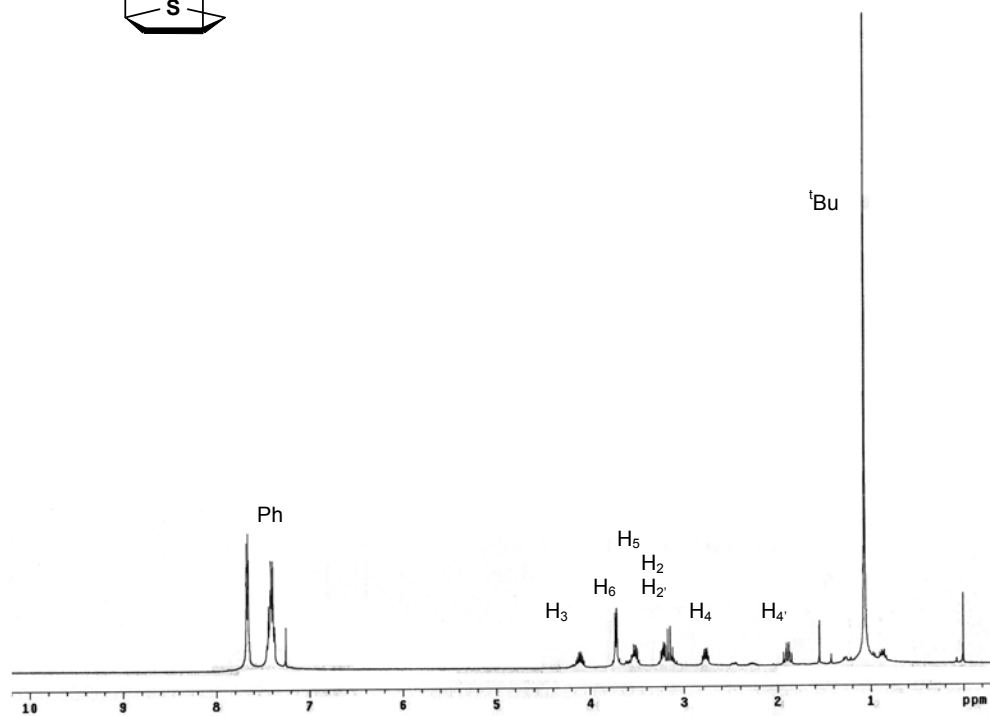
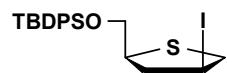
Espectro de RMN de ^1H y ^{13}C de (S)-2-S-Acetil-1-O-(*tert*butildifenilsilil)-2-mercapto-4-penten-1-ol (90)



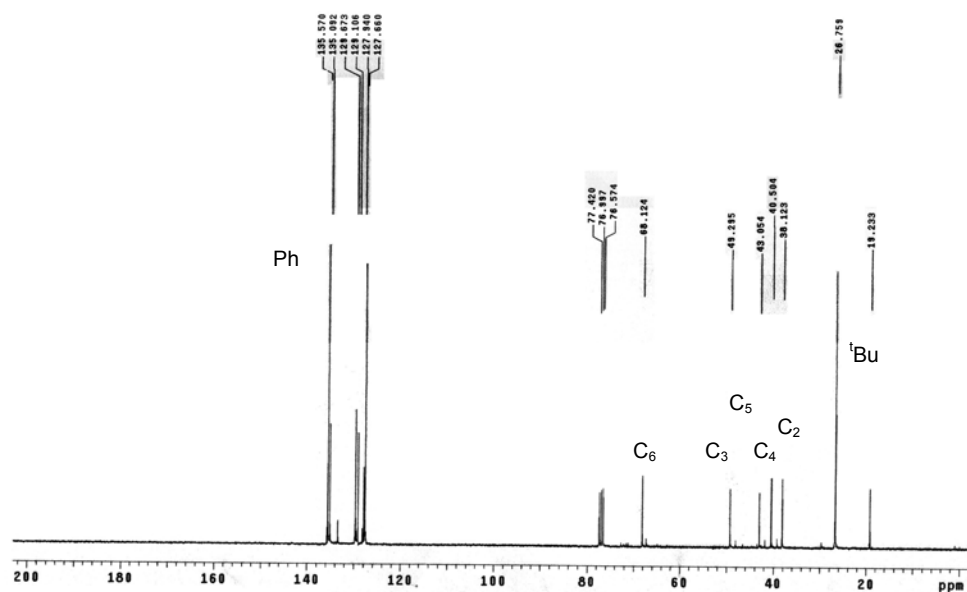
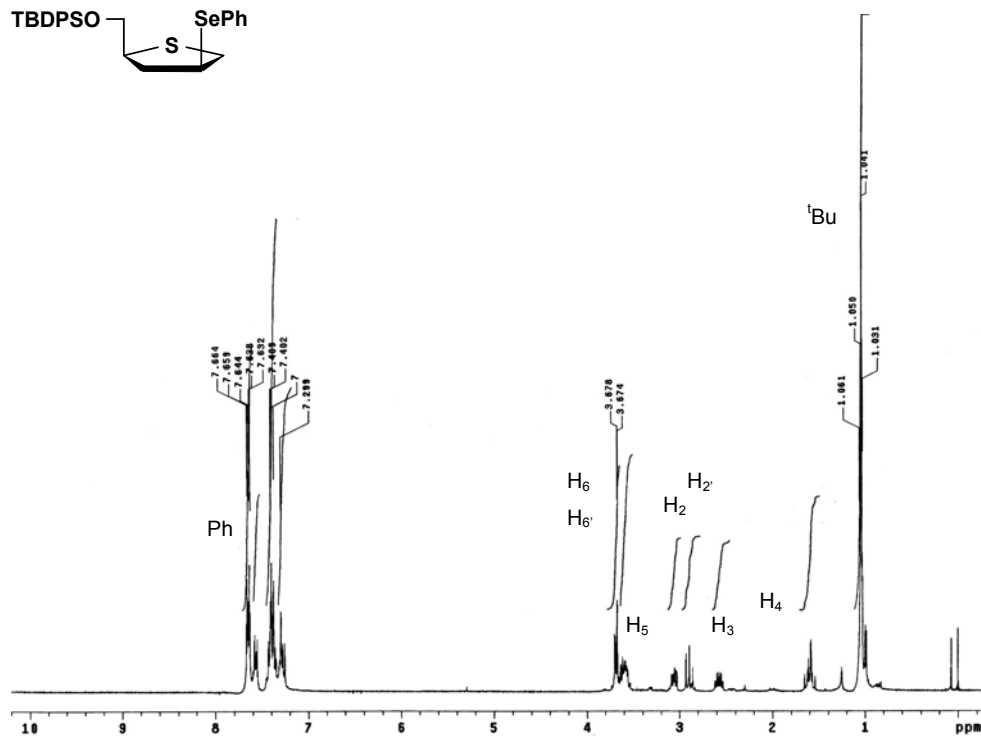
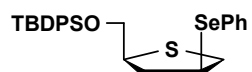
Espectro de RMN de ^1H y ^{13}C de (S)-1-O-(*tert*-butil-difenilsilil)-2-mercapto-4-penten-1-ol (91)



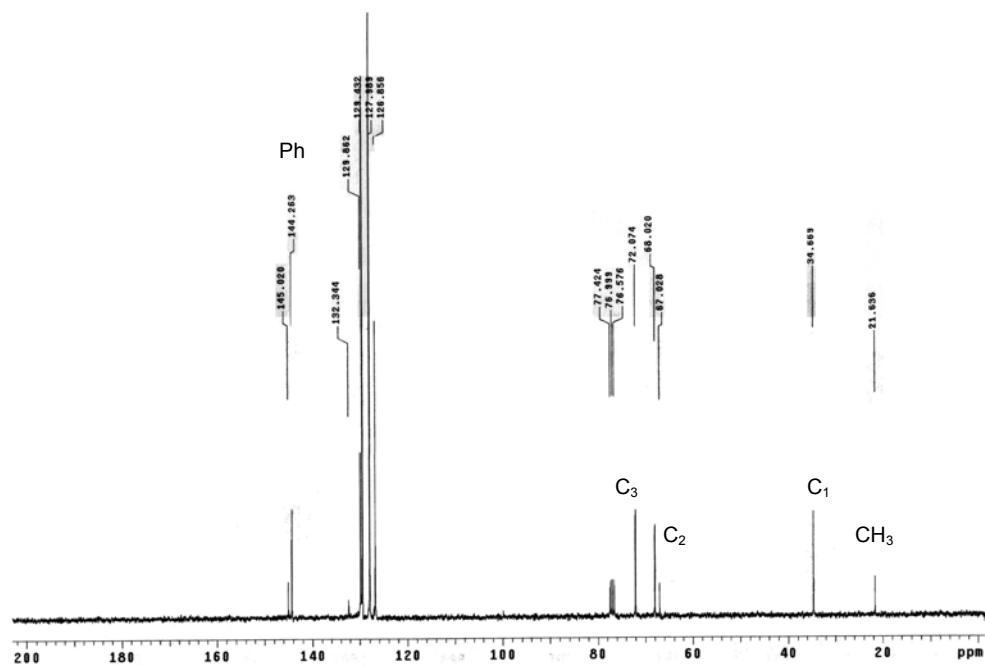
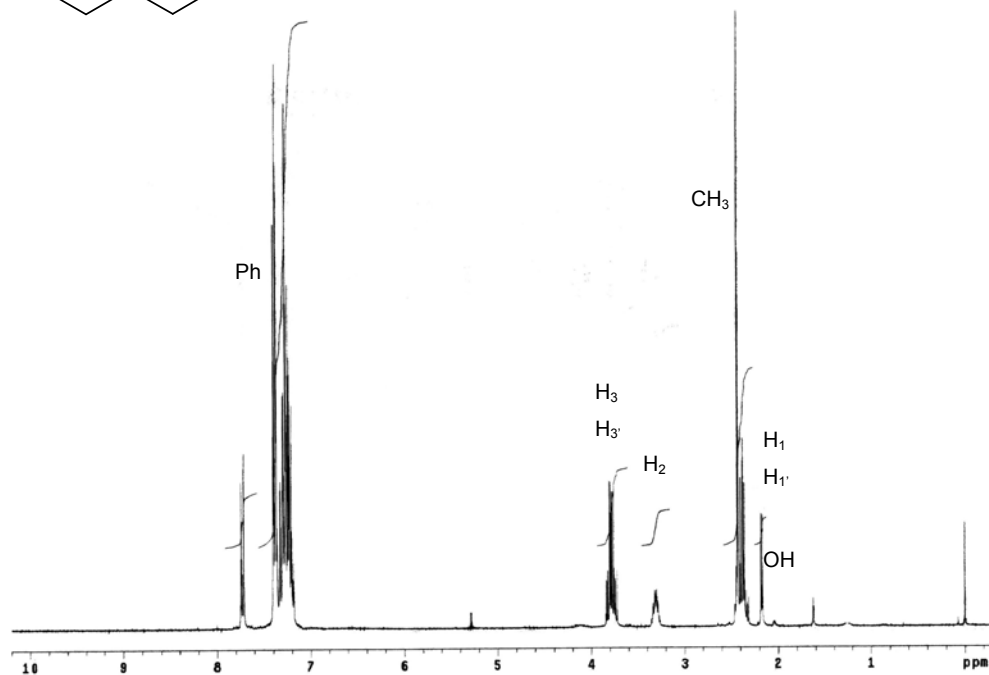
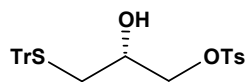
Espectro de RMN de ^1H y ^{13}C de (3*S*,5*S*)-[(5-*tert*-butildifenilsilil)hidroximetil]-3-yodo-tetrahidrotiofeno (93)



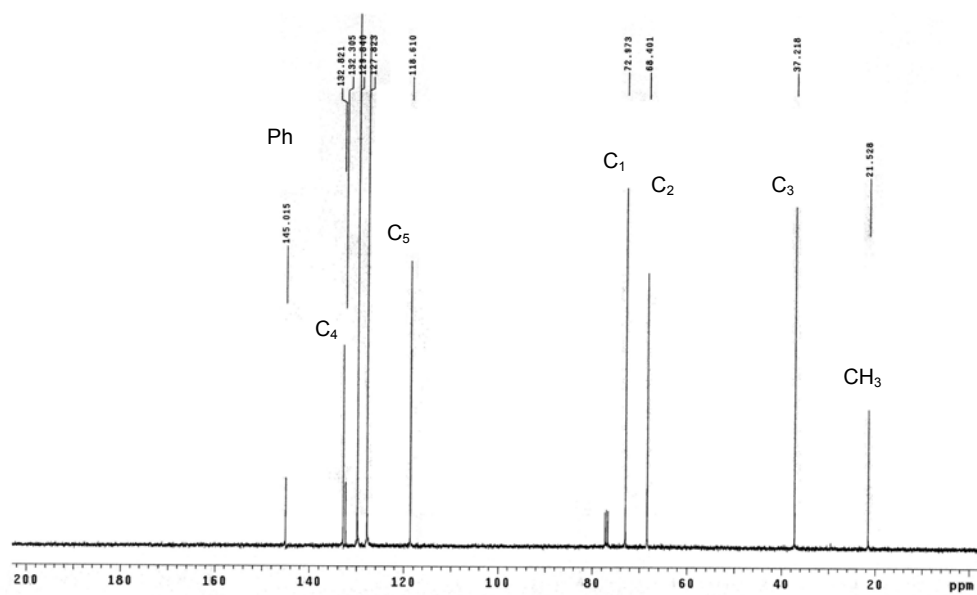
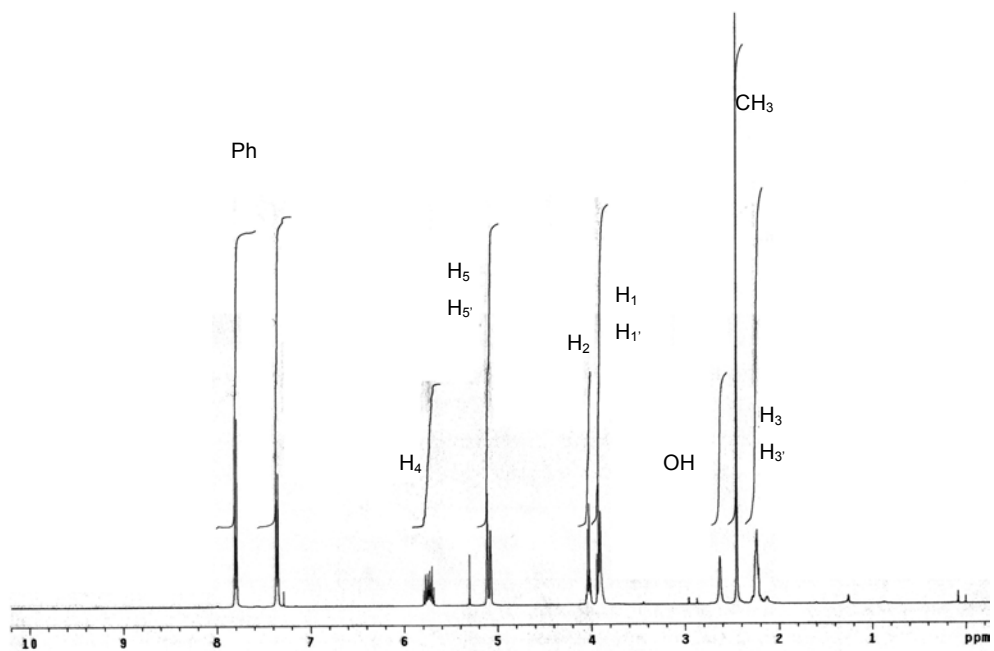
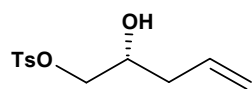
spectro de RMN de ^1H y ^{13}C de (3*S*,5*S*)-[(5-*tert*-butildifenilsilil)hidroximetil]-3-fenilselenenil-tetrahidrotiofeno (96)



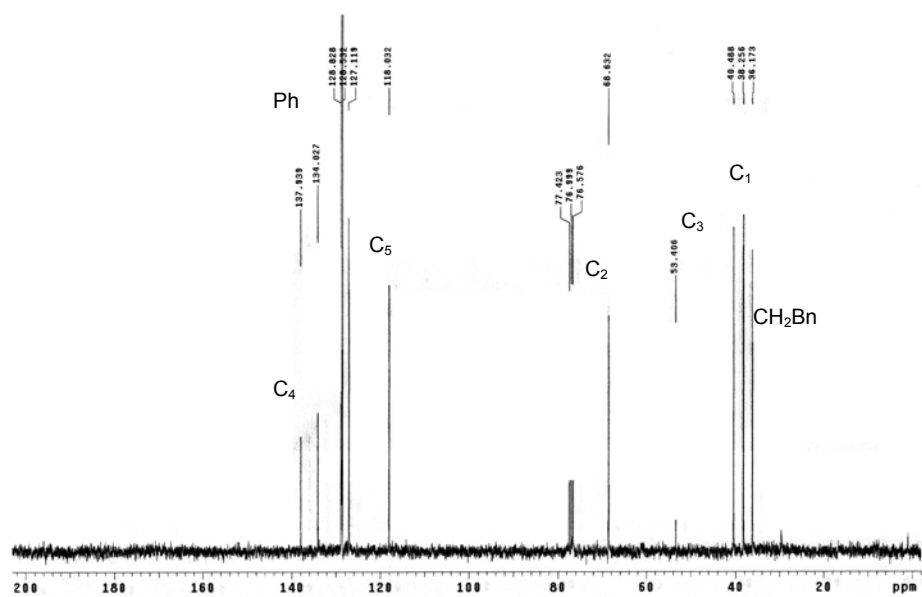
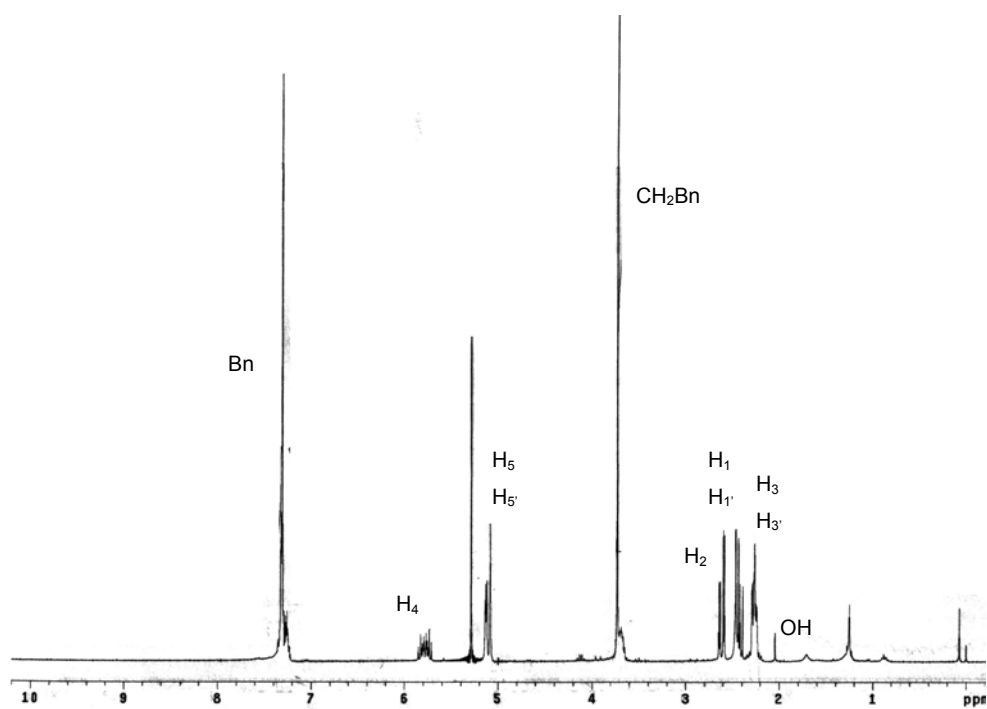
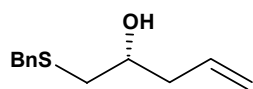
Espectro de RMN de ^1H y ^{13}C del (R)-1-tritilmercaptan-3-O-tosil-propan-2-ol (99).



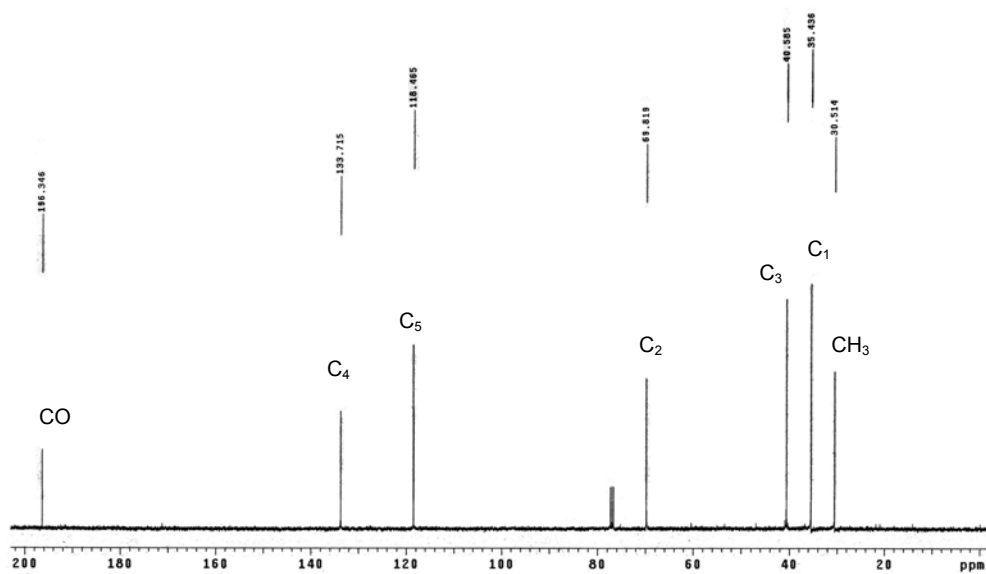
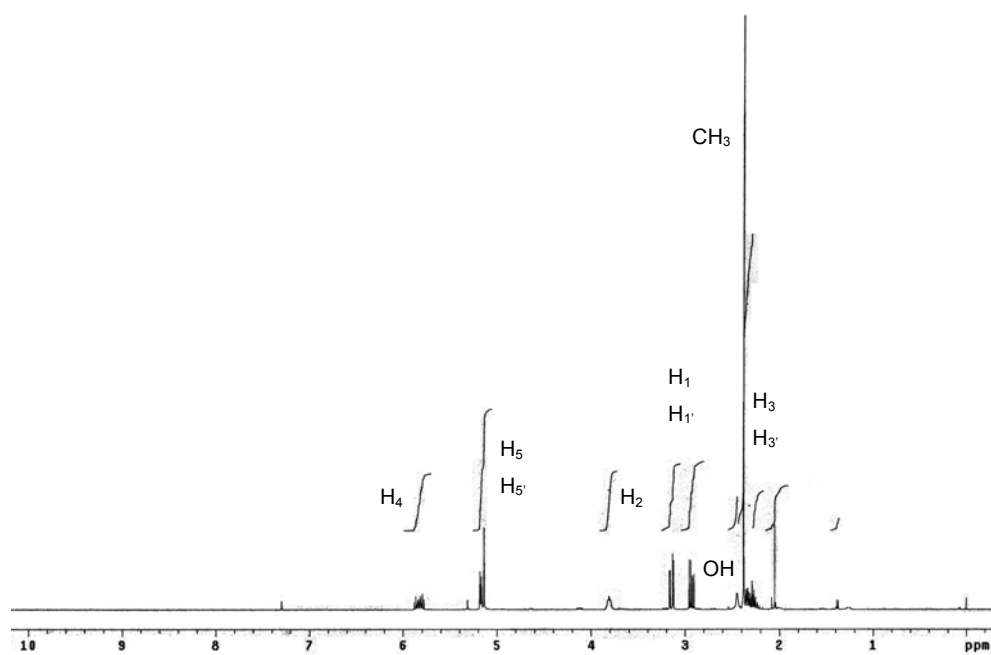
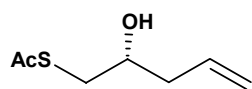
Síntesis de (R)-1-O-tosil-4-penten-2-ol (105).



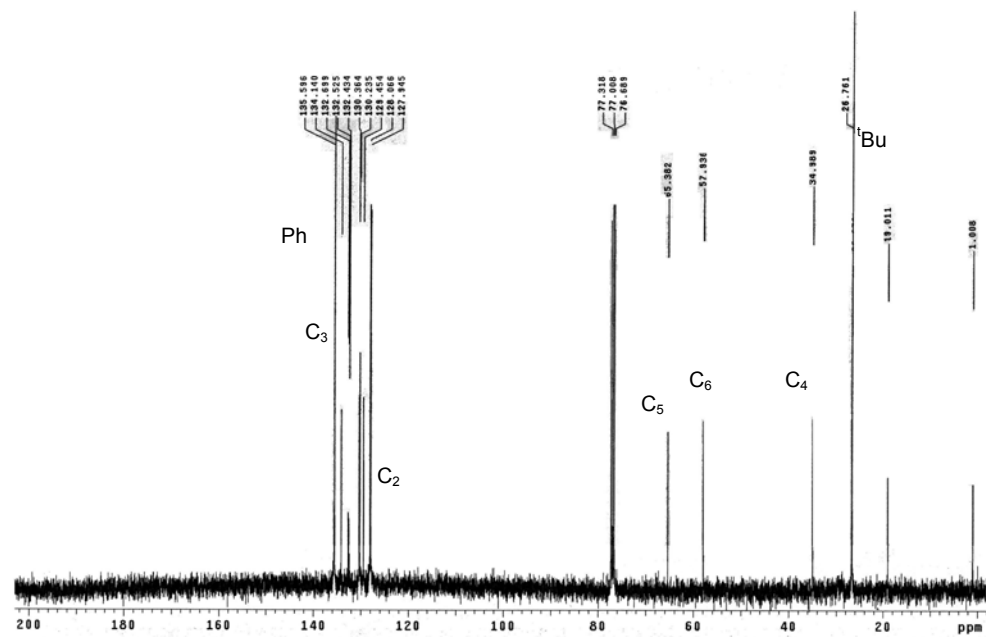
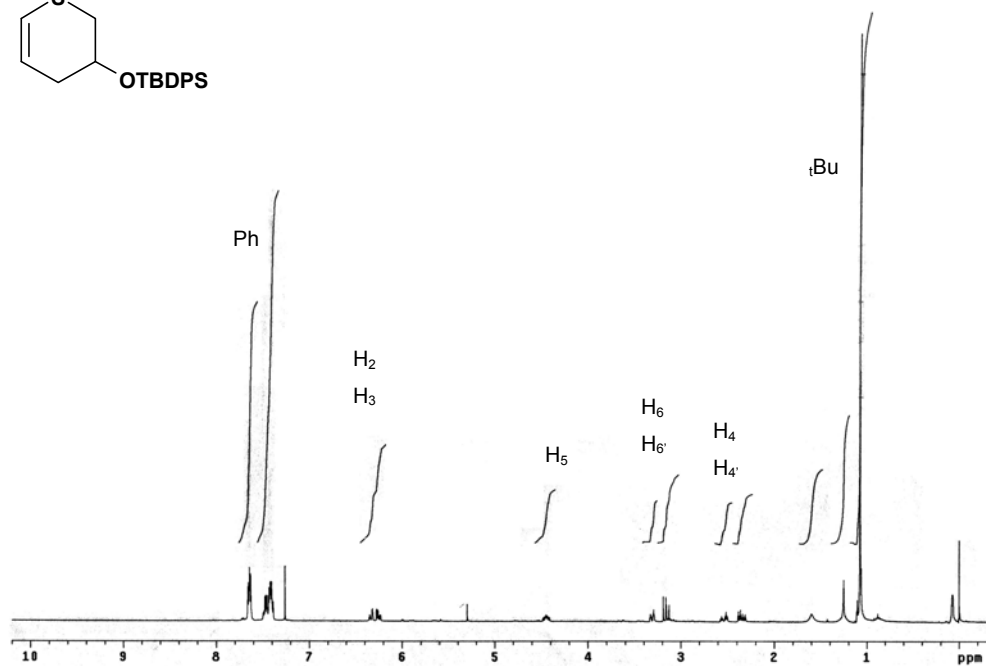
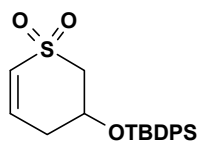
Espectro de RMN de ^1H y ^{13}C de (R)-1-S-tiobencil-4-penten-2-ol (108).



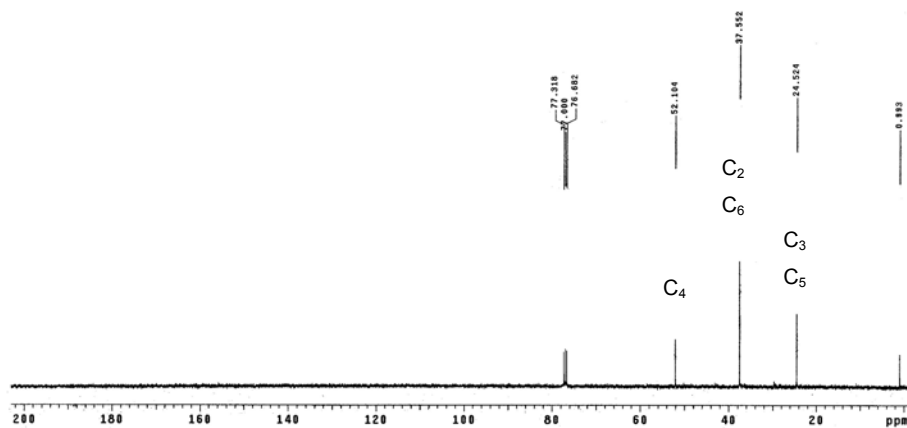
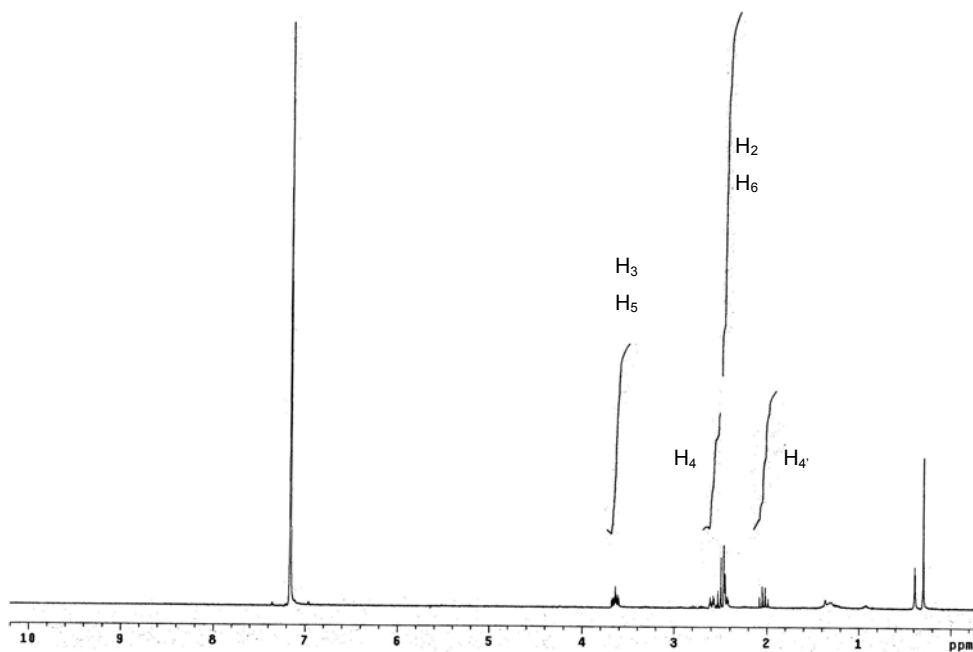
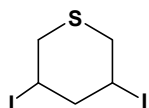
Espectro de RMN de ^1H y ^{13}C de (R)-1-S-tioacetil-4-penten-2-ol (109).



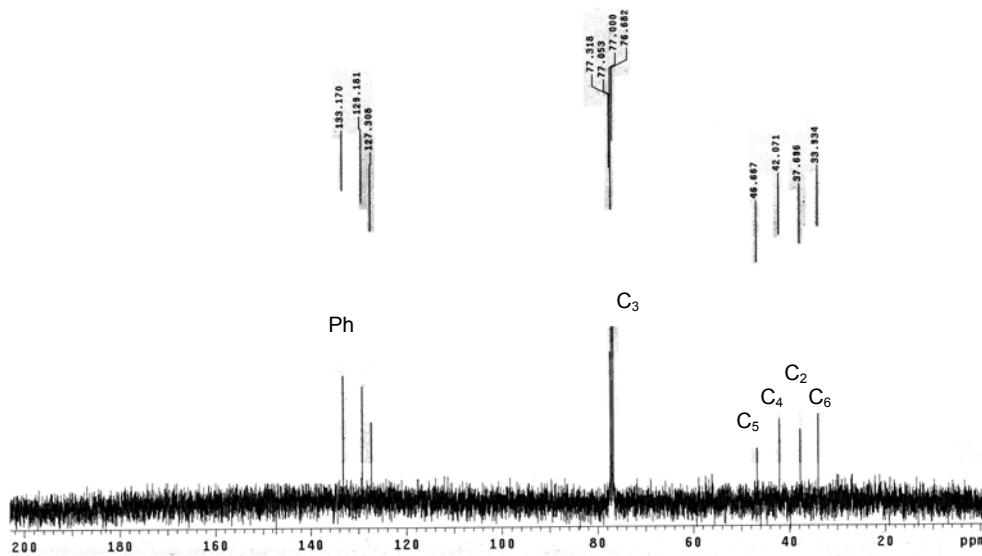
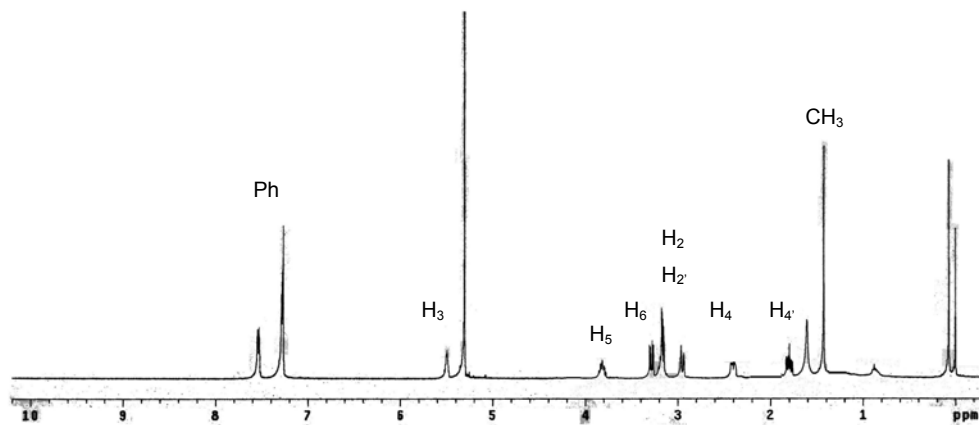
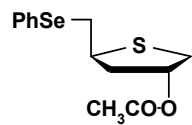
Espectro de RMN de ^1H y ^{13}C de 2H-3-*O-terc*-butildifenilsilil-3,4-dihidrotiopiran-1,1-dióxido (111)



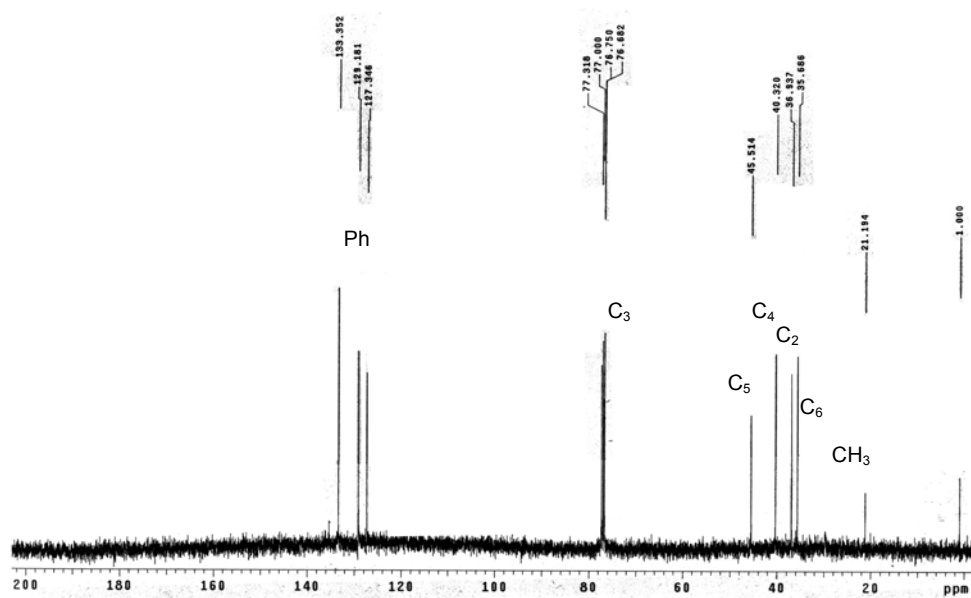
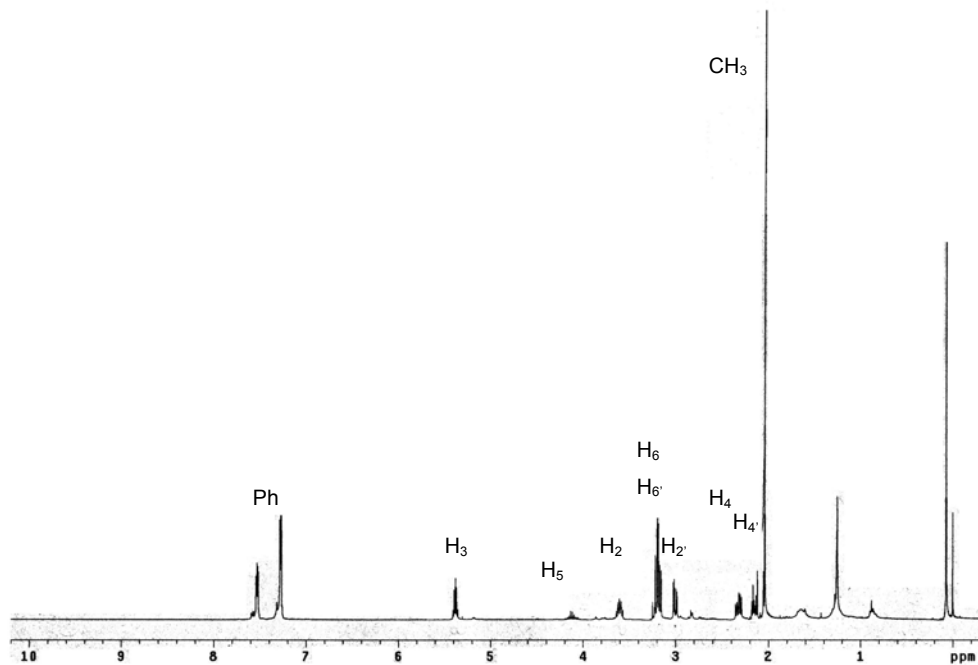
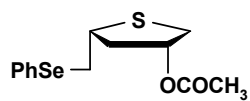
Espectro de RMN de ^1H y ^{13}C de 3,5-diyodo-tetrahidrotiopirano (112)



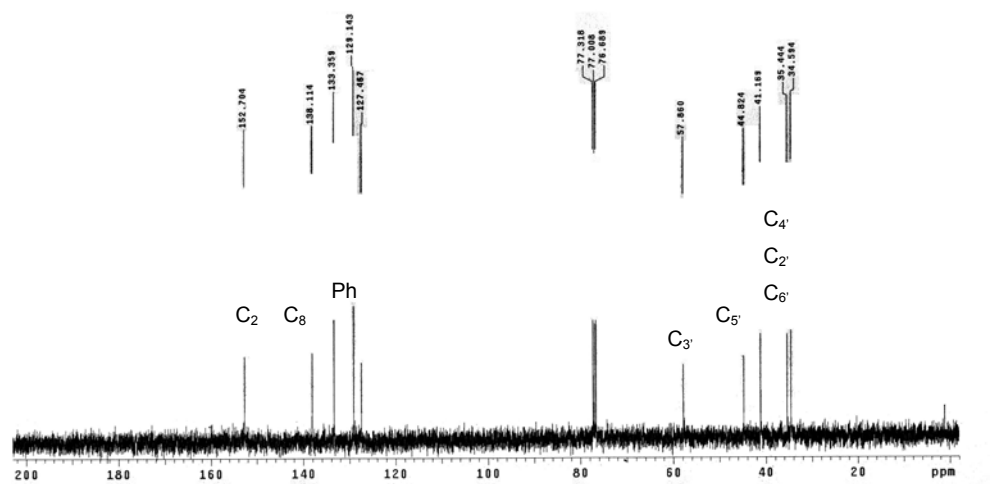
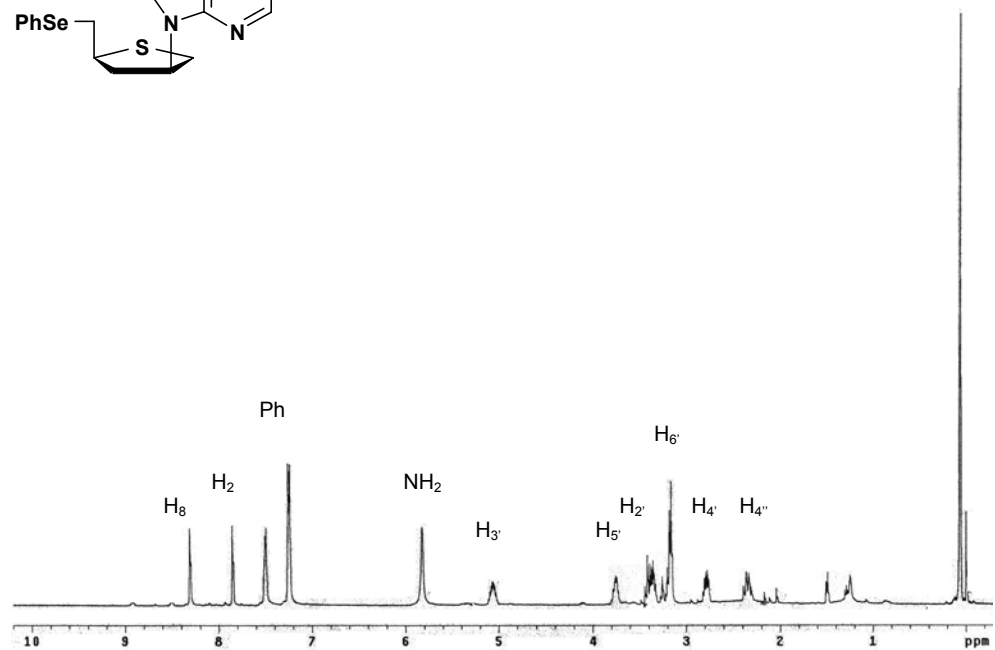
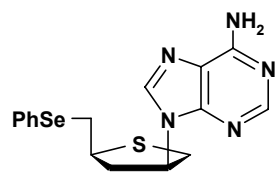
Espectro de RMN de ^1H y ^{13}C de (3*S*,5*S*)-5-fenilselenenilmetil-tetrahidrotiofen-3-*O*-acetil (114).



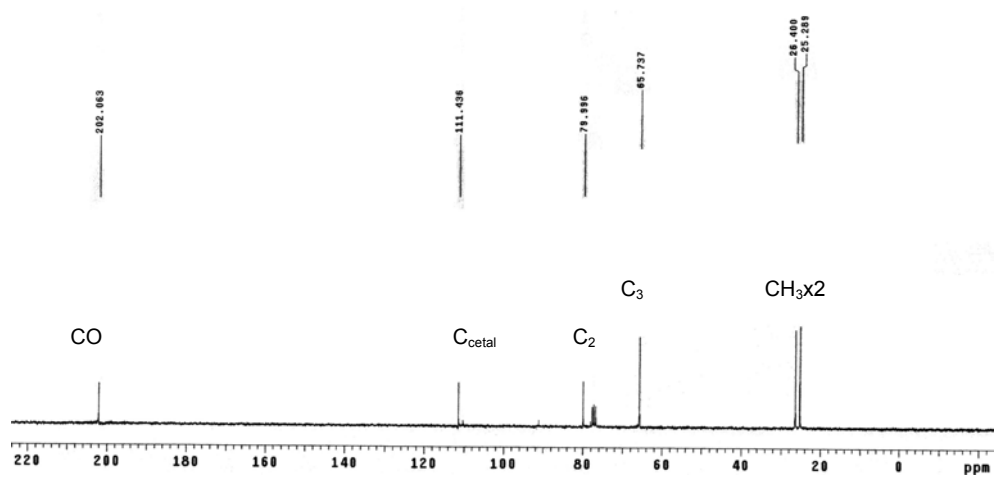
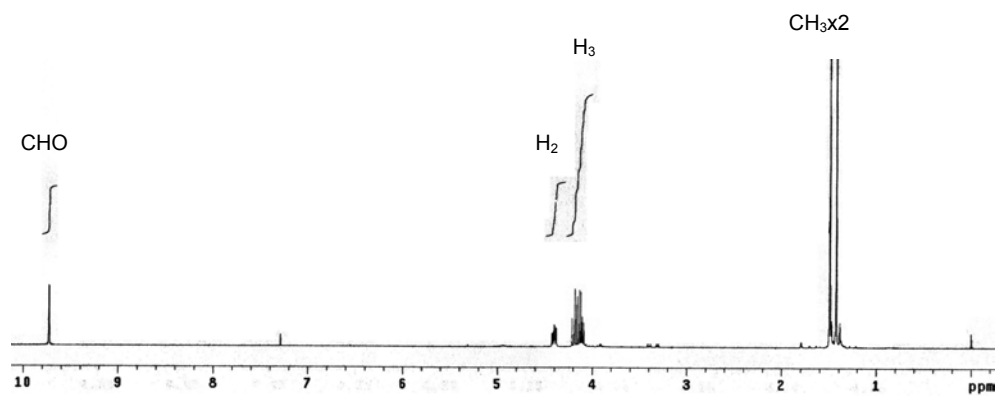
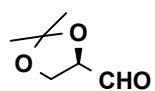
Espectro de RMN de ^1H y ^{13}C del (3*S*,5*R*)-5-fenilselenenilmetil-tetrahidrotiofen-3-*O*-acetil (115).



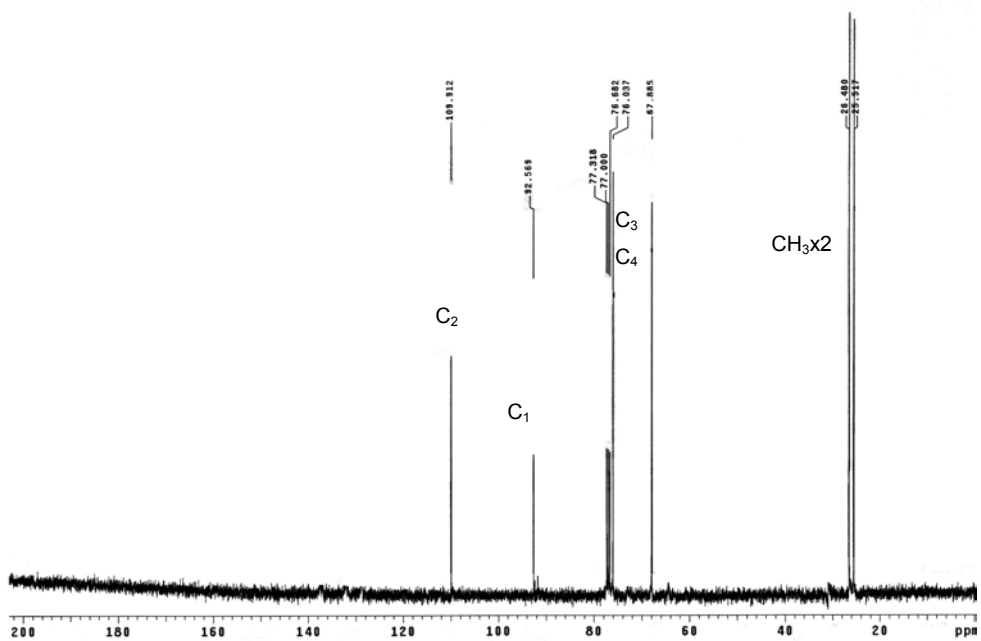
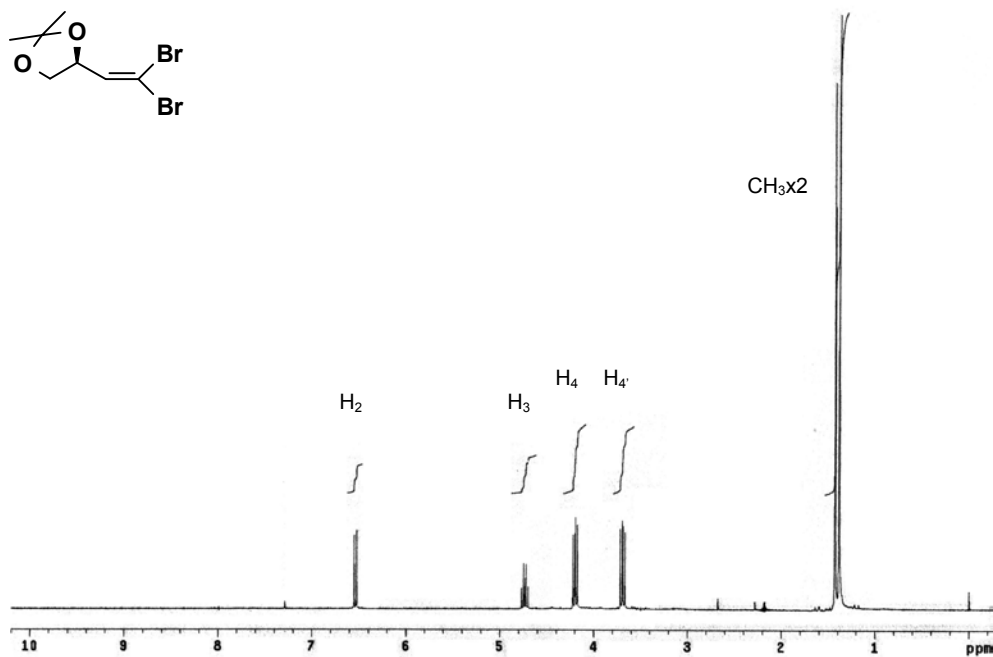
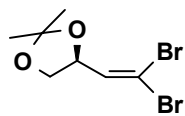
Espectro de RMN de ^1H y ^{13}C del 9-[(3*S*, 5*S*)-5-fenilselenenilmetil-tetrahidrotiofen-3'-il] adenina(118).



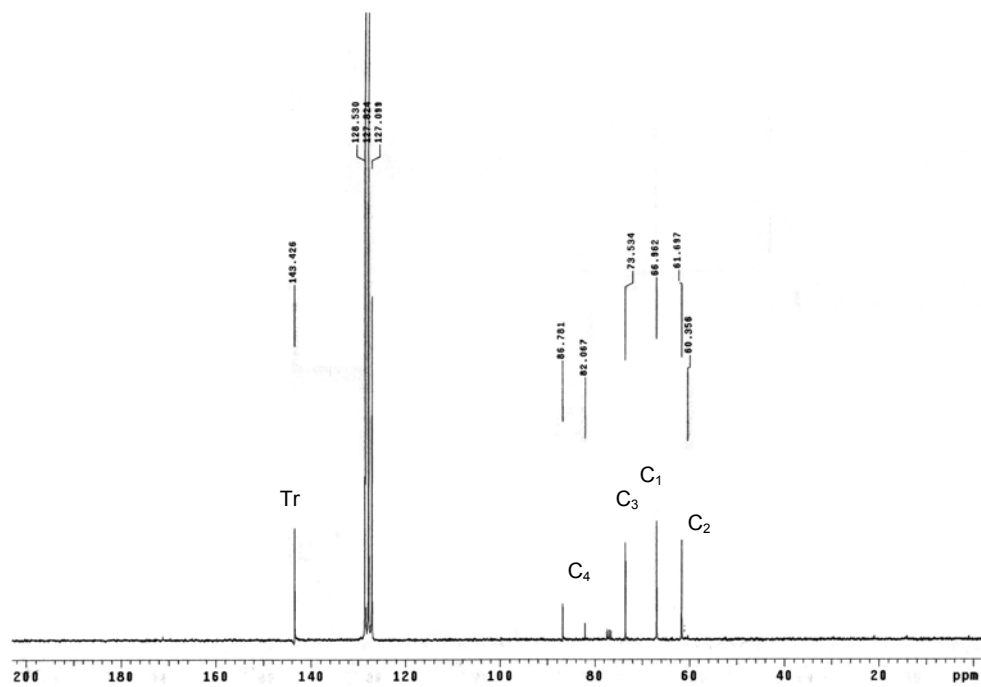
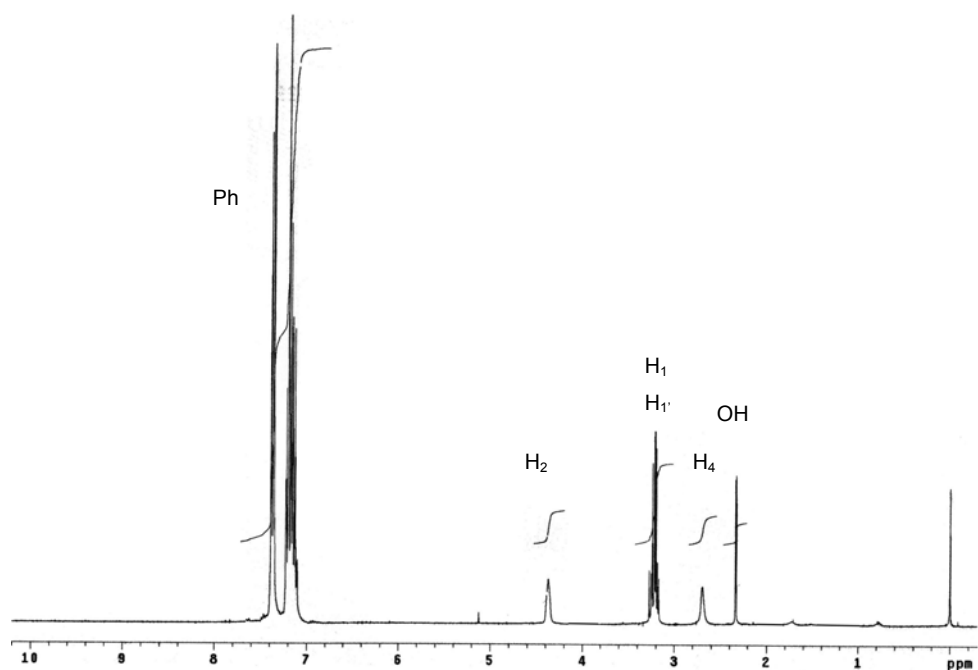
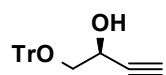
Espectro de RMN de ^1H y ^{13}C del 2,3-*O*-isopropilidén-*D*-gliceraldehído (121).



Espectro de RMN de ^1H y ^{13}C del (S)-1,1-dibromo-3,4-O-isopropiliden-but-1-eno (122).



Espectro de RMN de ^1H y ^{13}C del (S)-1-O-tritil-3-butin-1,2-diol (130).



Espectro de RMN de ^1H y ^{13}C del (S)-1-O-tritil-2-O-(2-oxoetil)-3-butin-1,2-diol (132).

