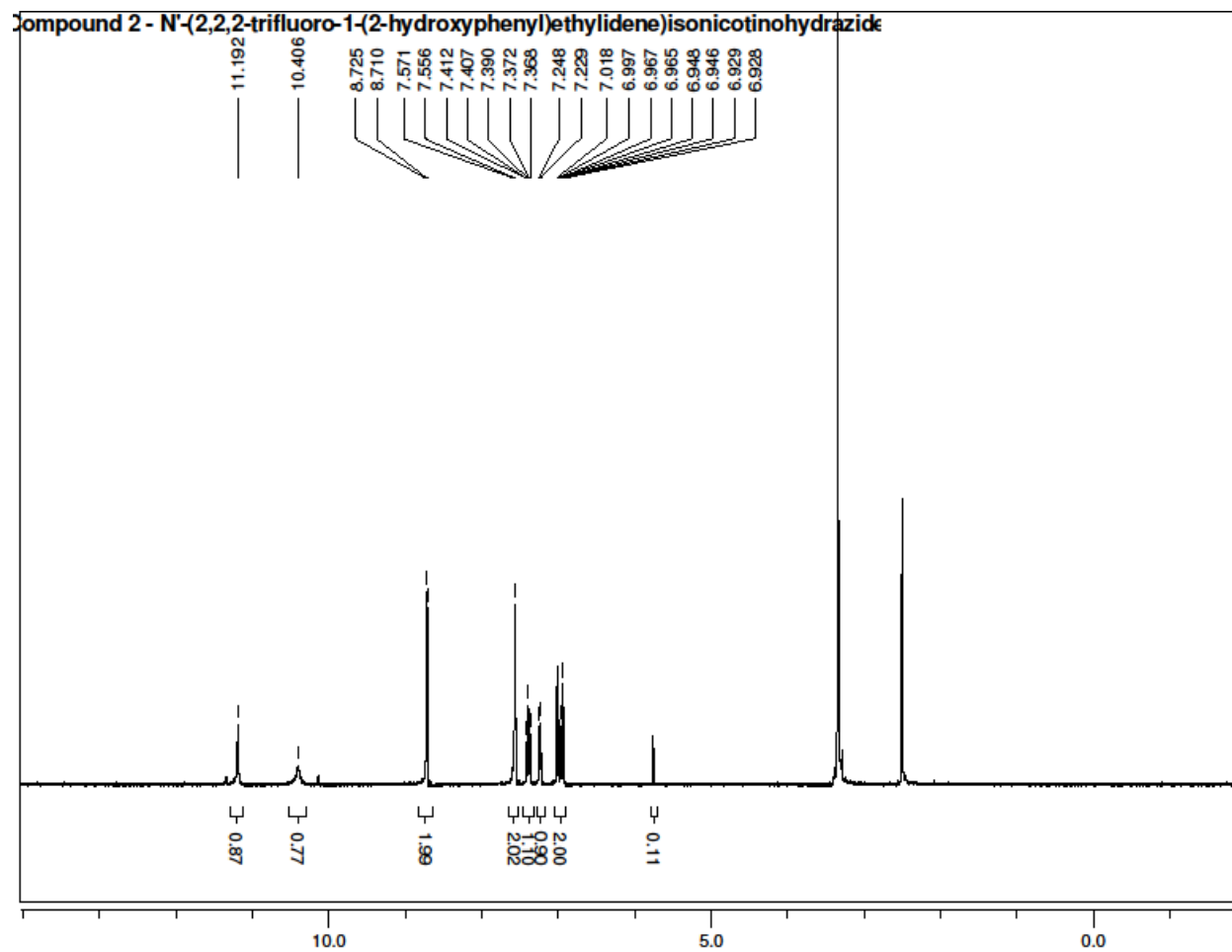
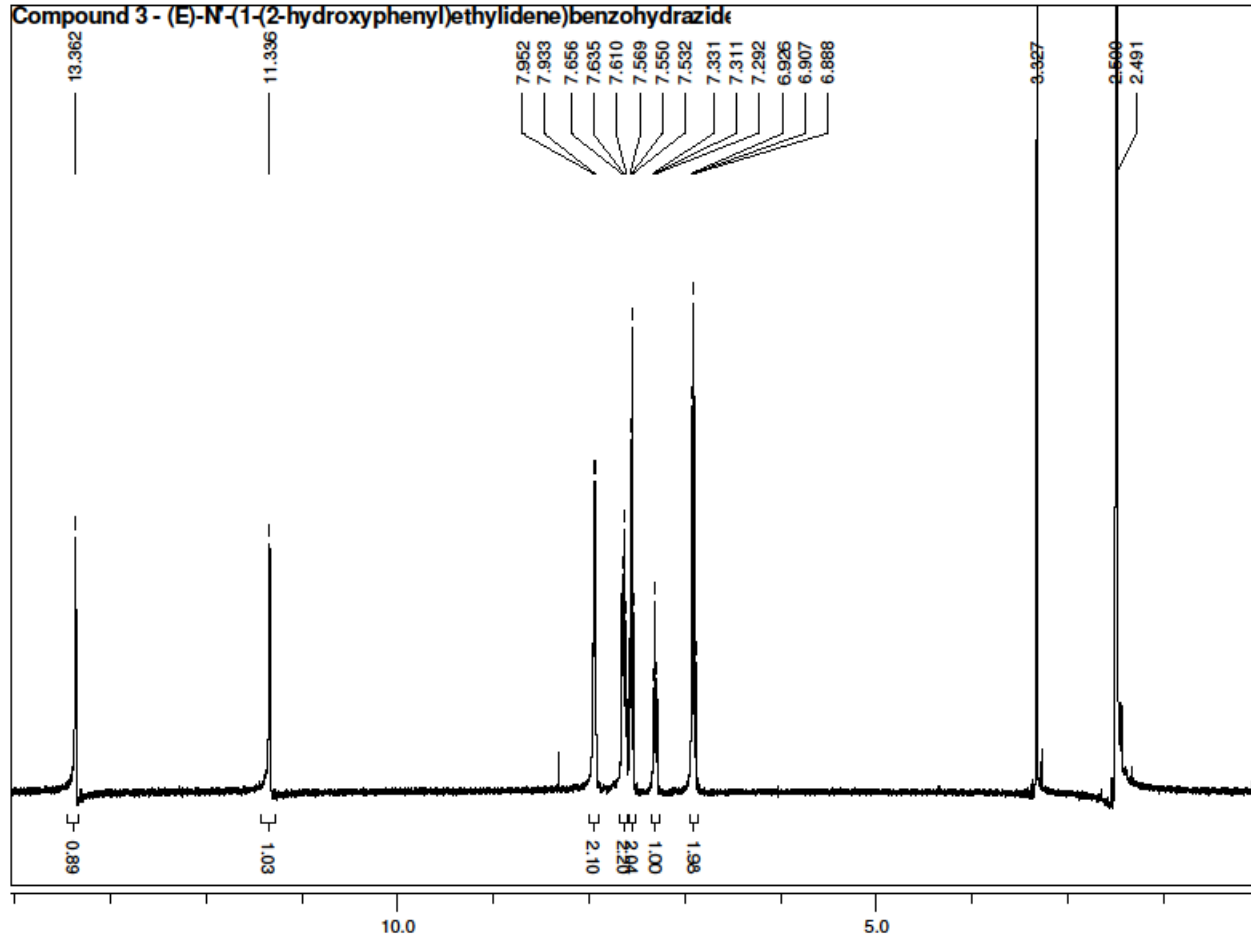


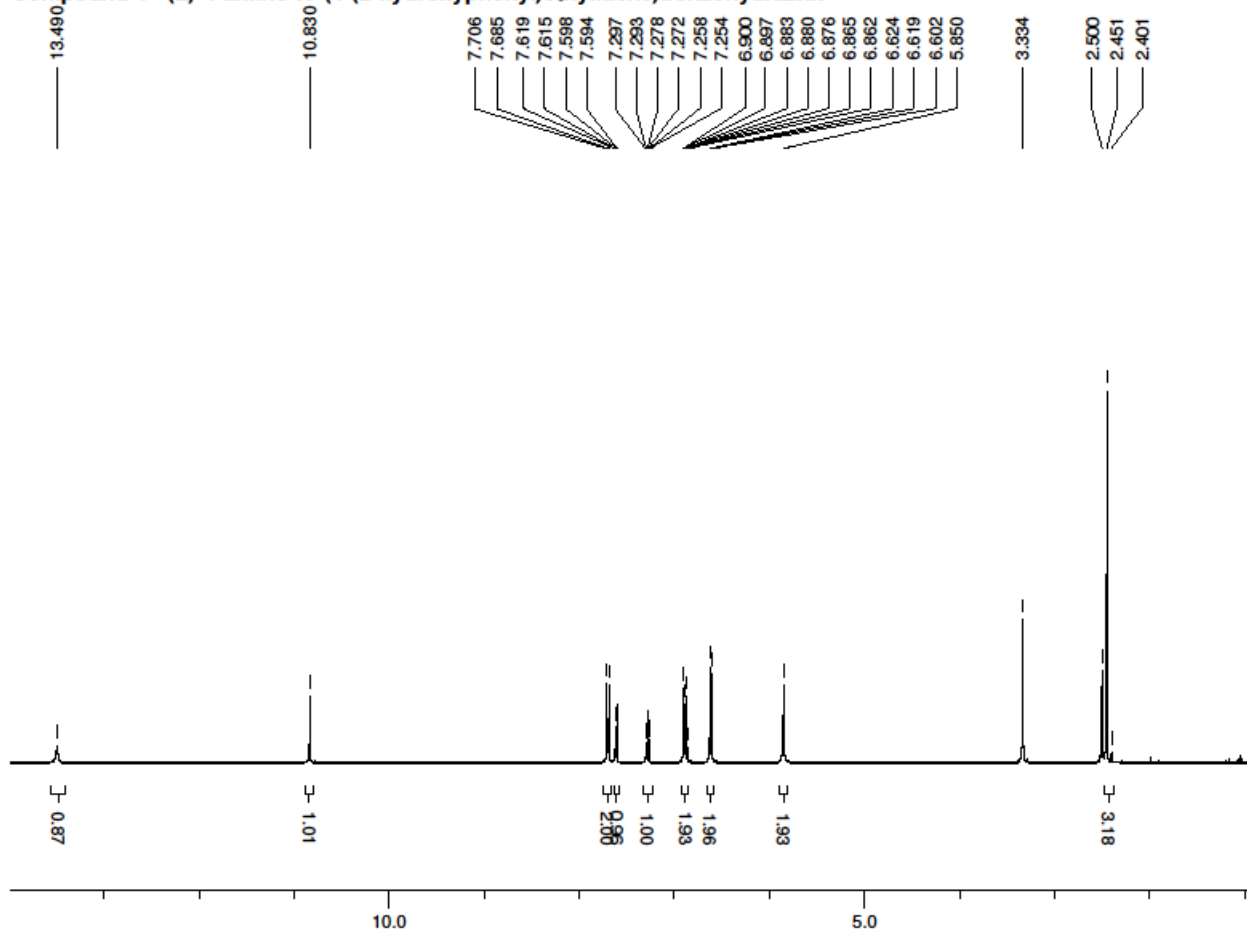
Chapter 3 NMR spectra



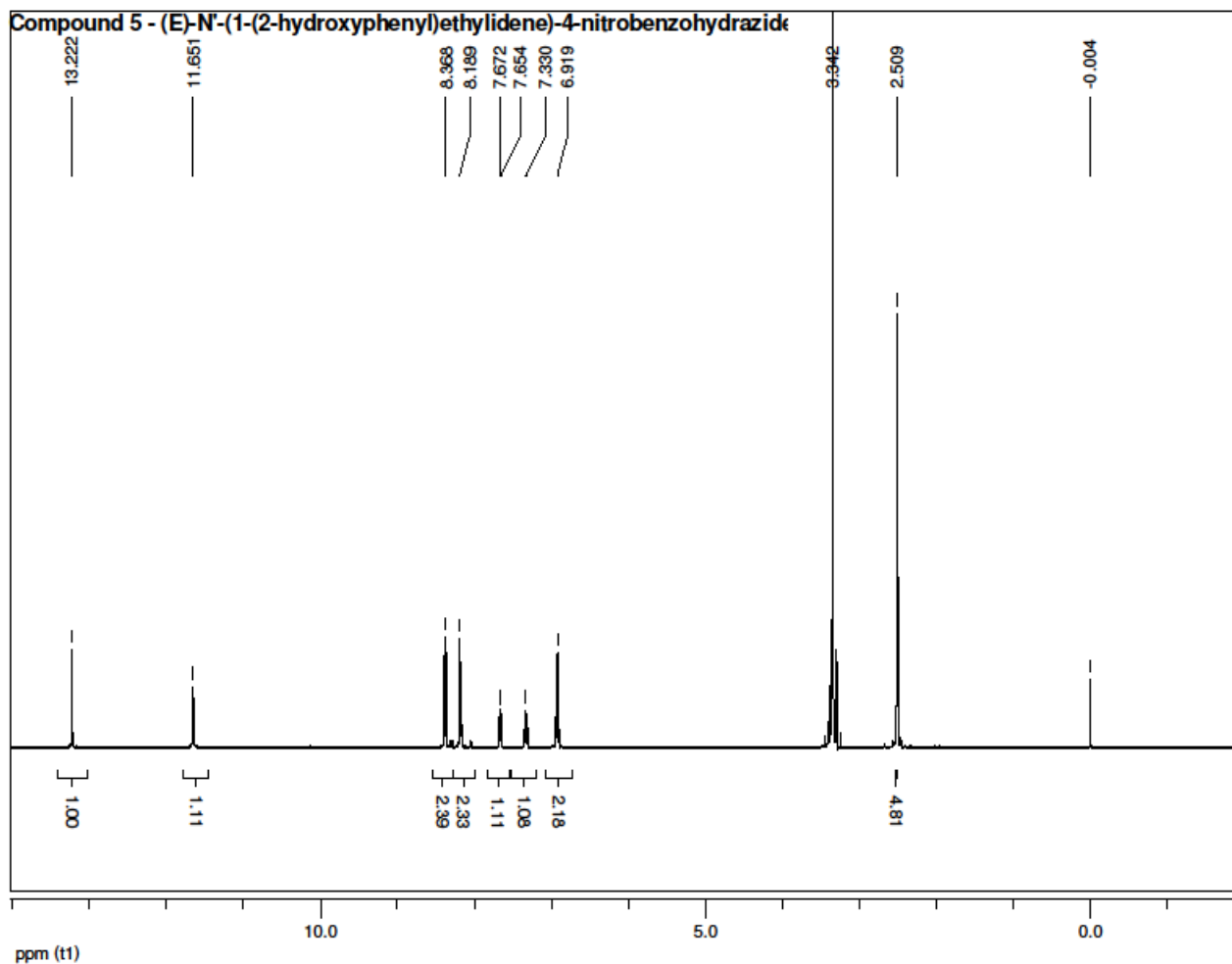
Compound 3 - (E)-N-(1-(2-hydroxyphenyl)ethylidene)benzohydrazide



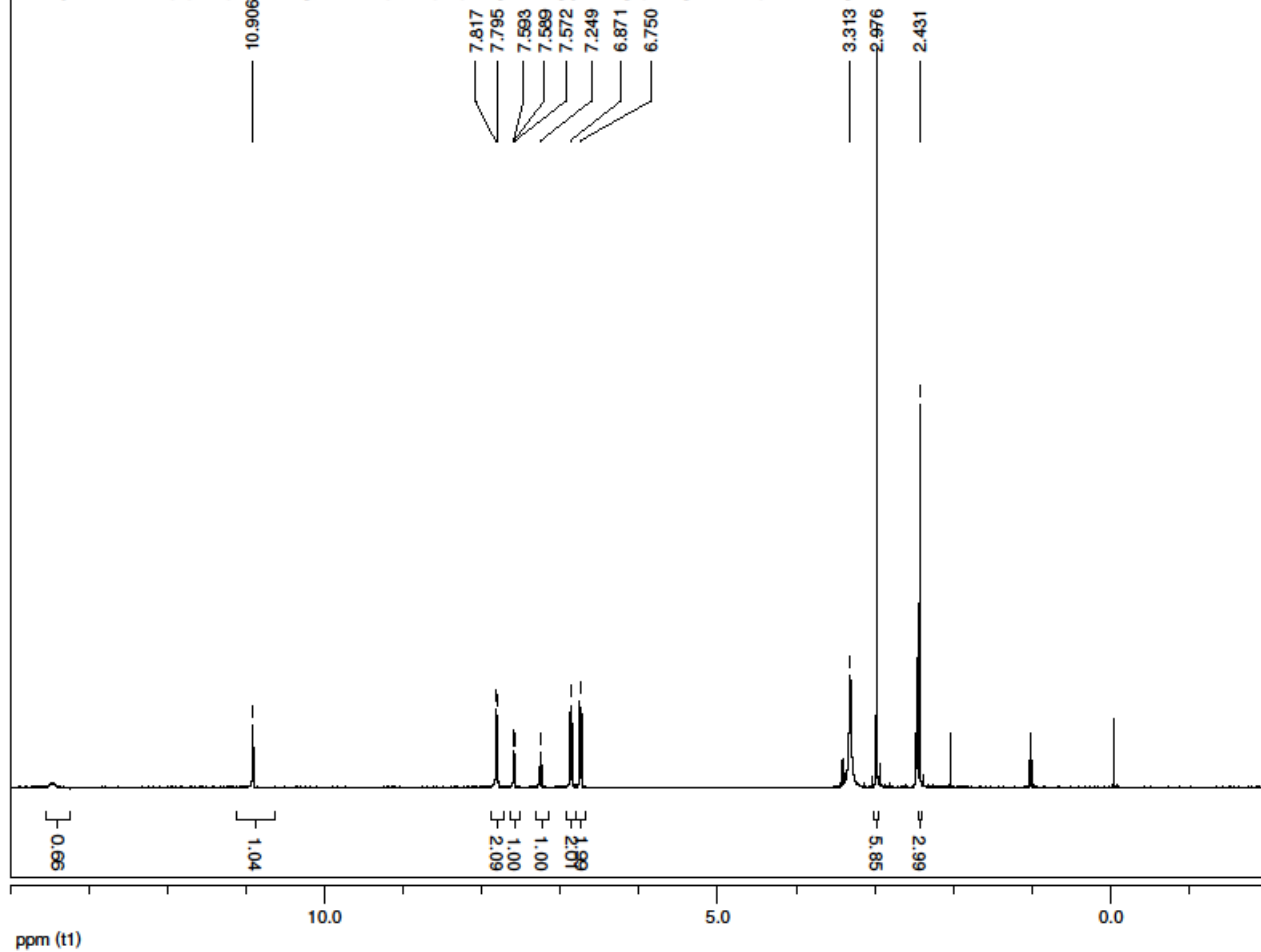
Compound 4 - (E)-4-amino-N-(1-(2-hydroxyphenyl)ethylidene)benzohydrazide



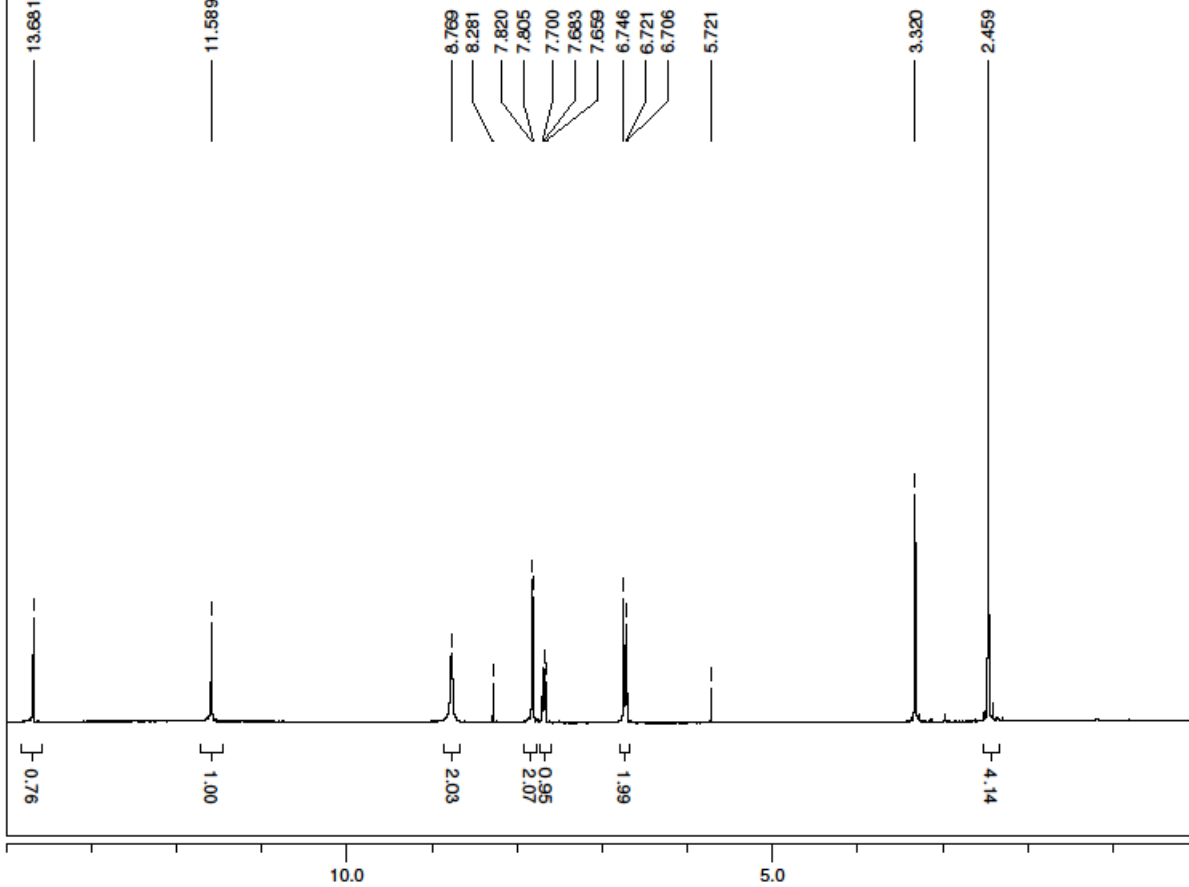
Compound 5 - (E)-N'-(1-(2-hydroxyphenyl)ethylidene)-4-nitrobenzohydrazide

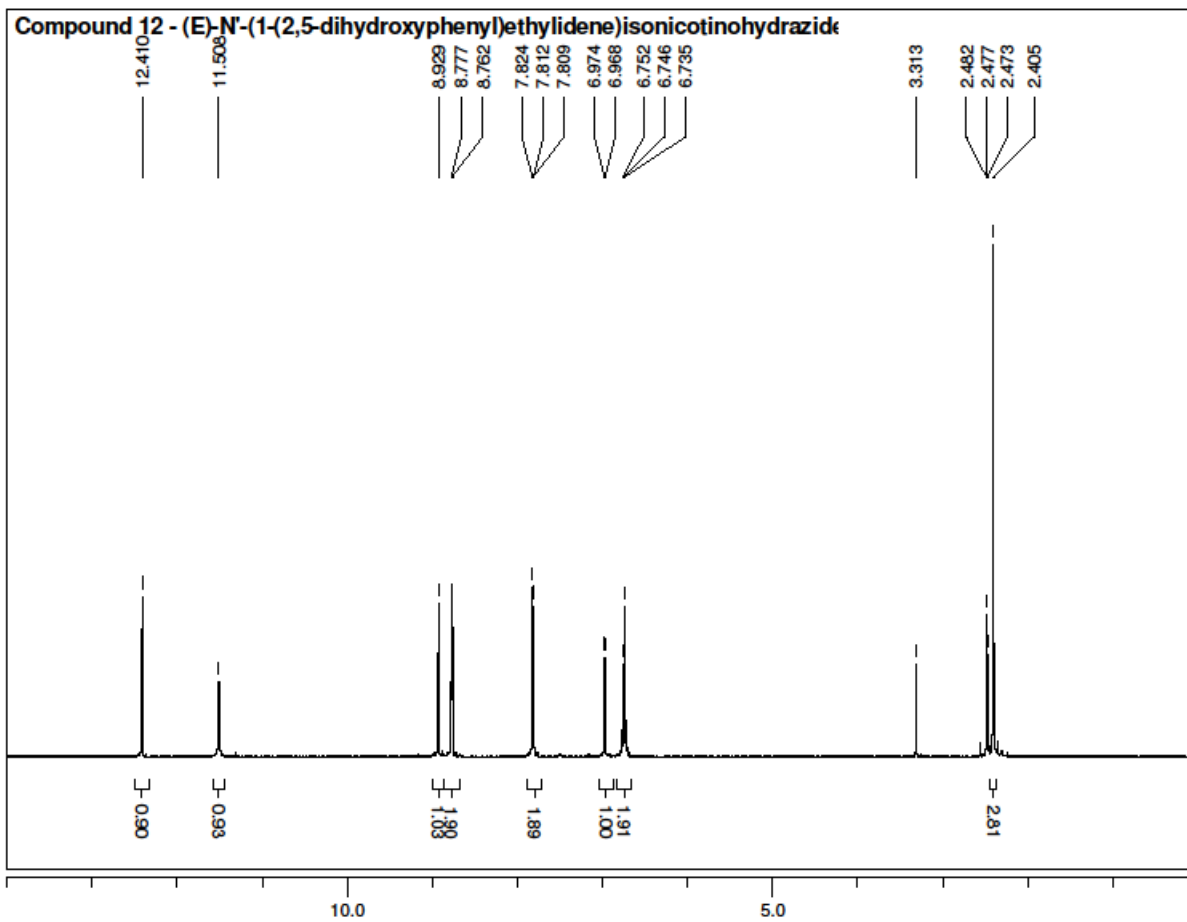


Compound 6 - (E)-4-(dimethylamino)-N-(1-(2-hydroxyphenyl)ethylidene)benzohydrazide

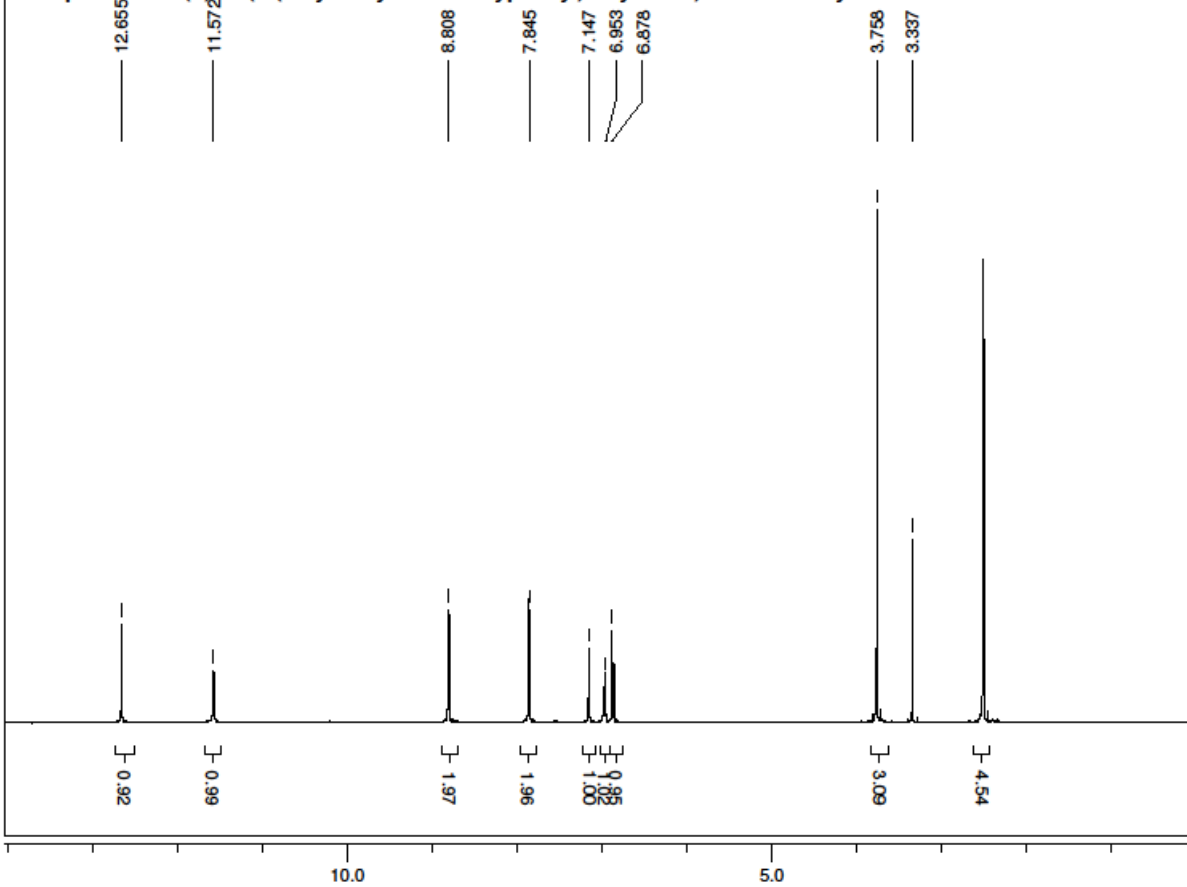


Compound 9 - (E)-N'-(1-(4-fluoro-2-hydroxyphenyl)ethylidene)isonicotinohydrazide

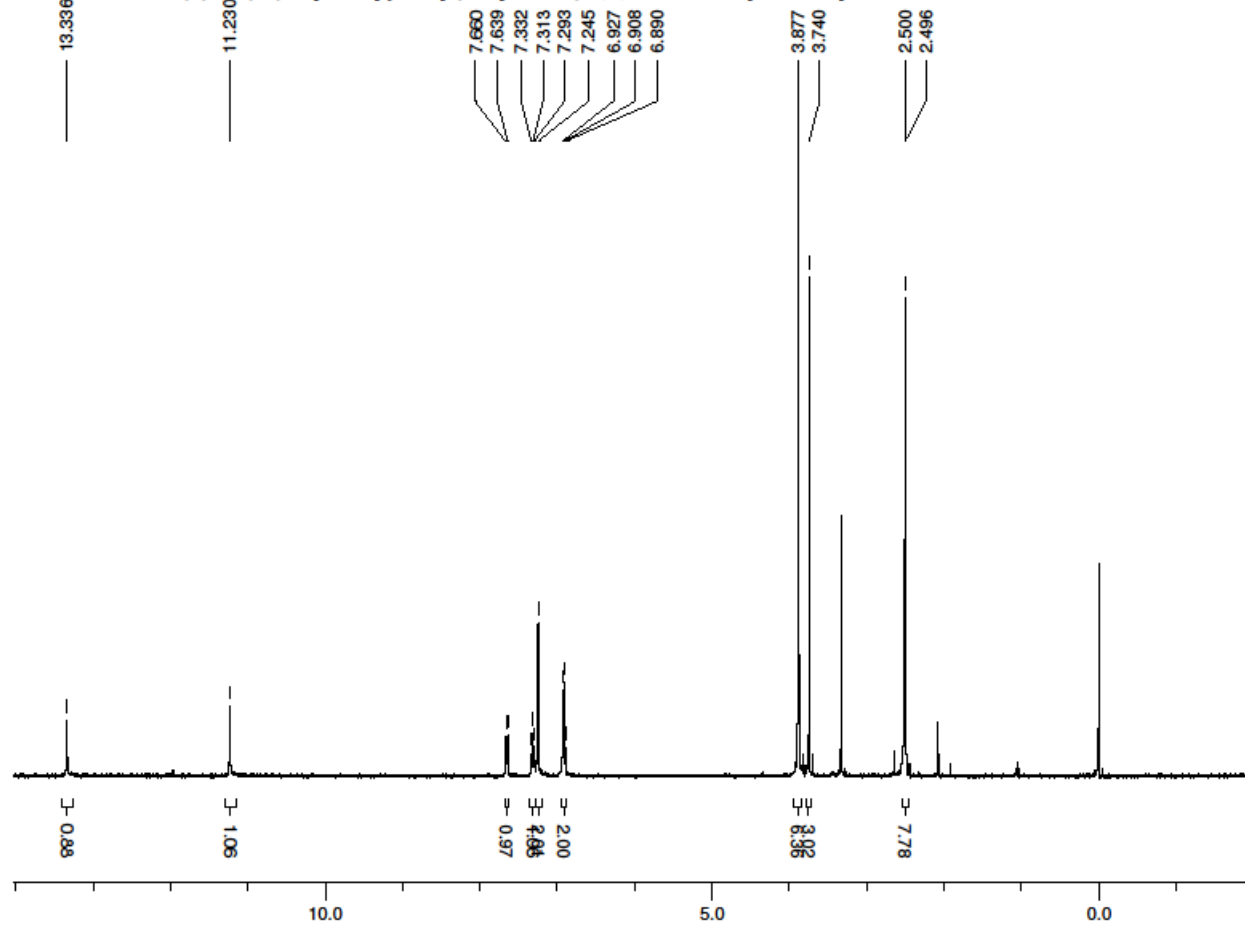




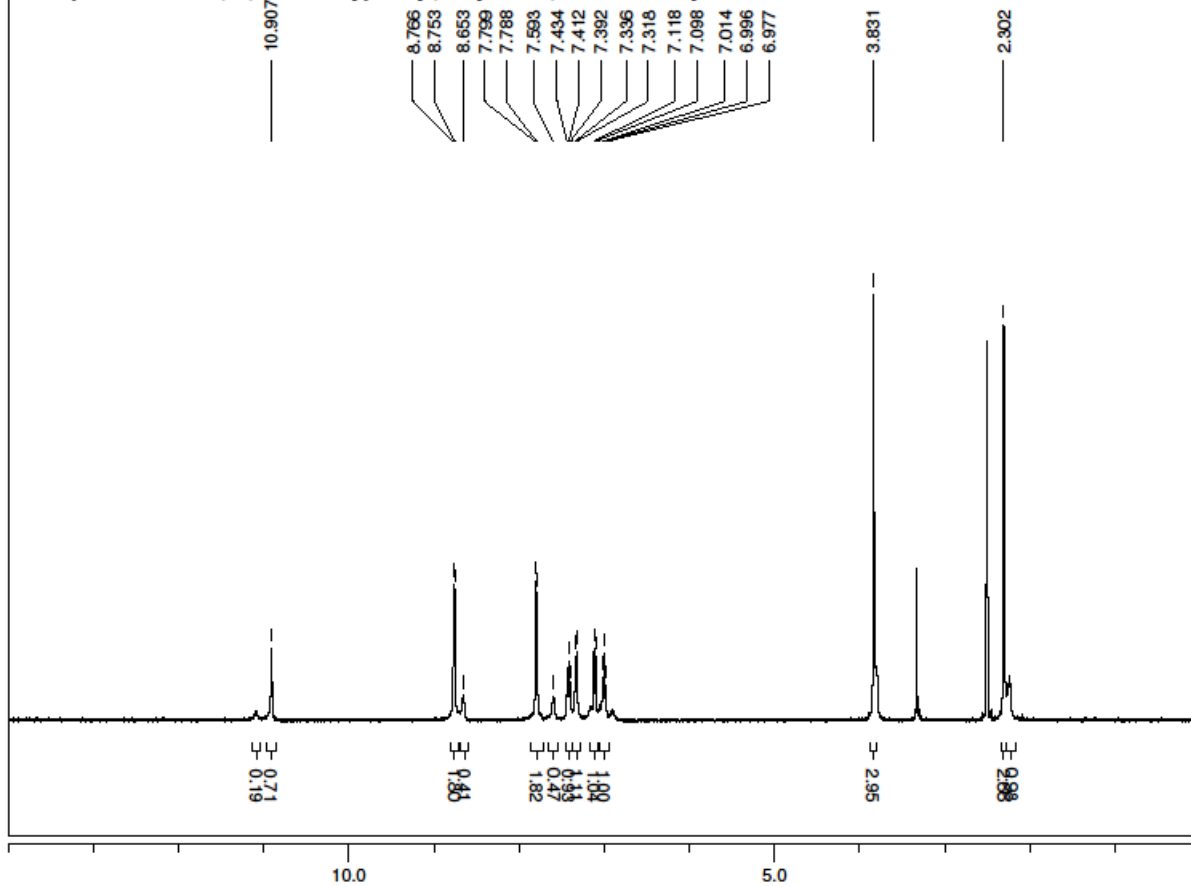
Compound 13 - (E)-N-(1-(2-hydroxy-5-methoxyphenyl)ethylidene)isonicotinohydrazide



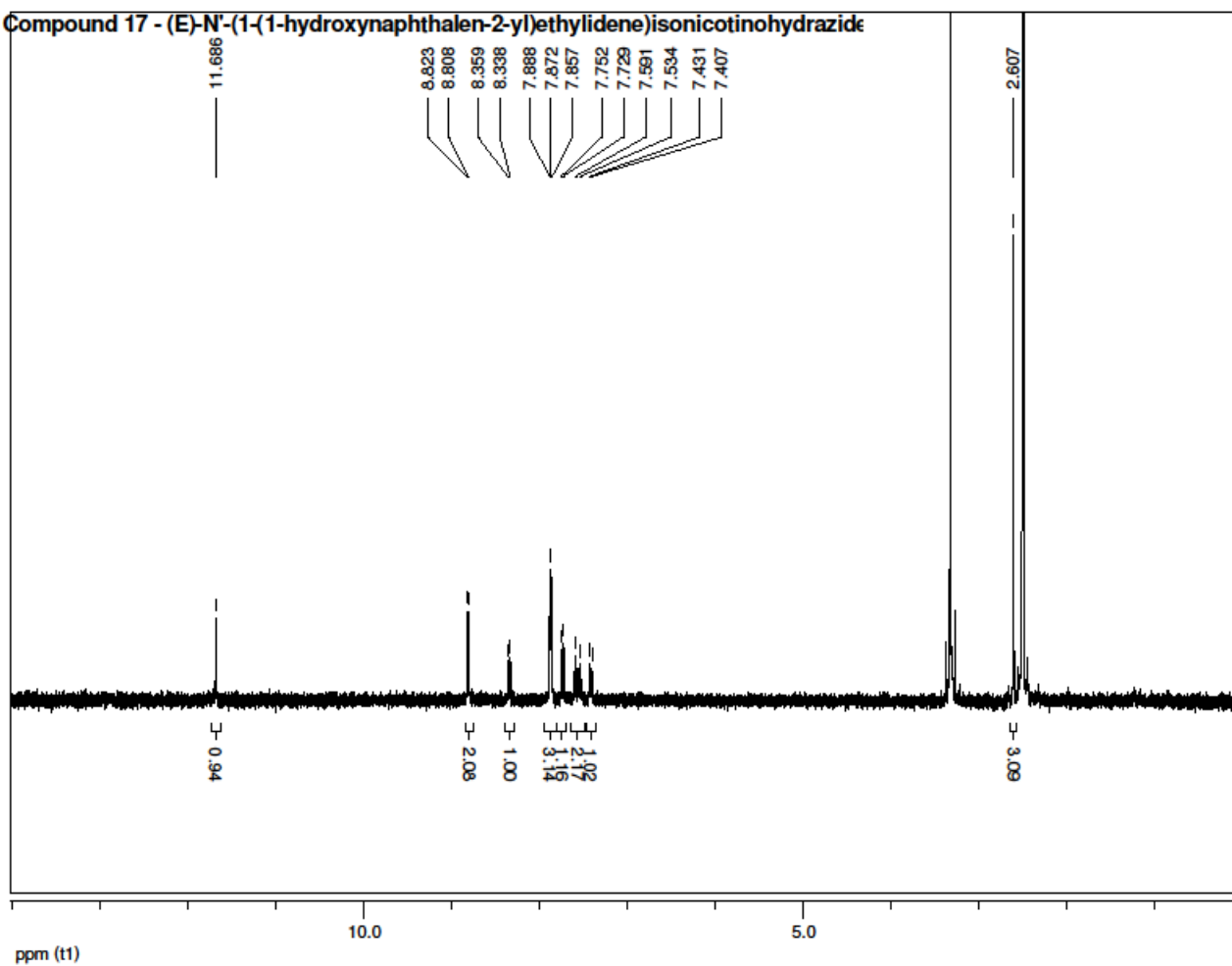
Compound 15 - (E)-N-(1-(2-hydroxyphenyl)ethylidene)-3,4,5-trimethoxybenzohydrazid



Compound 16 - N'-(1-(2-methoxyphenyl)ethylidene)isonicotinohydrazide

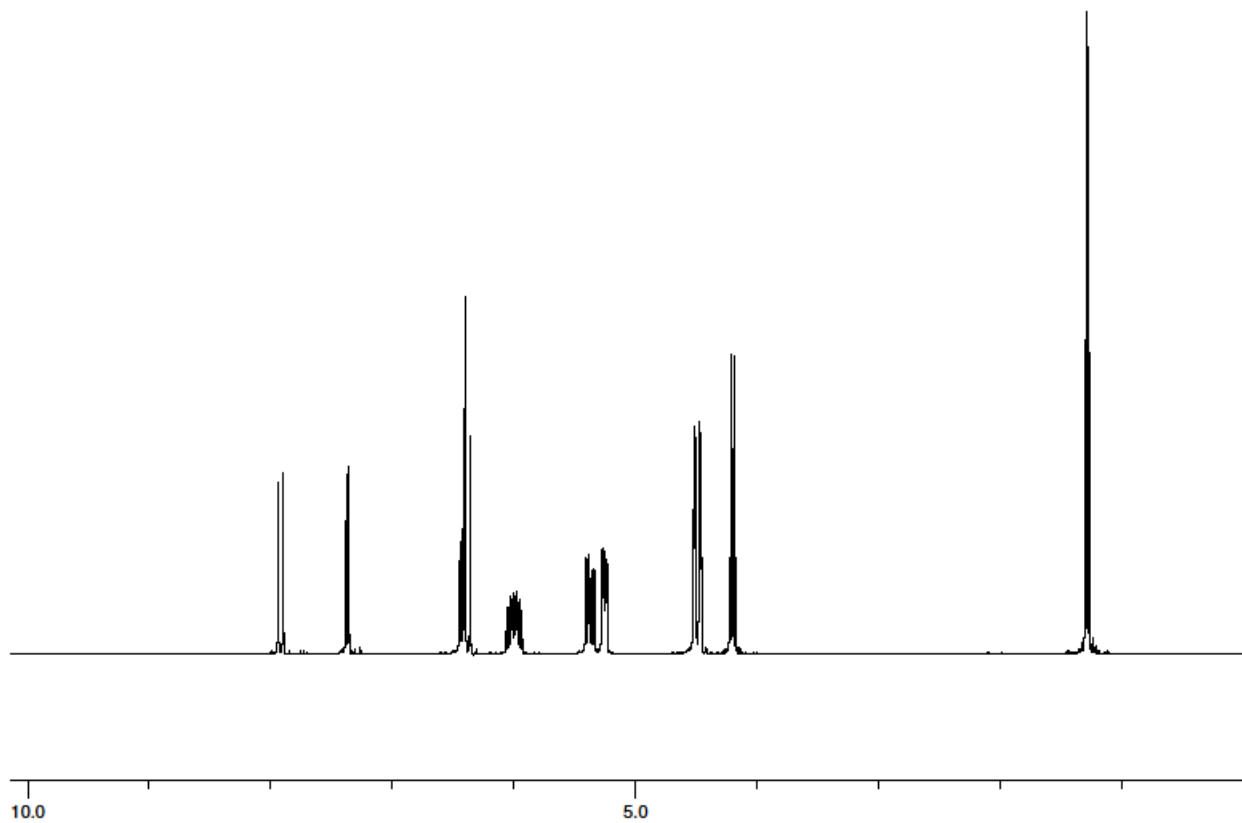


Compound 17 - (E)-N'-(1-(1-hydroxynaphthalen-2-yl)ethylidene)isonicotinohydrazide

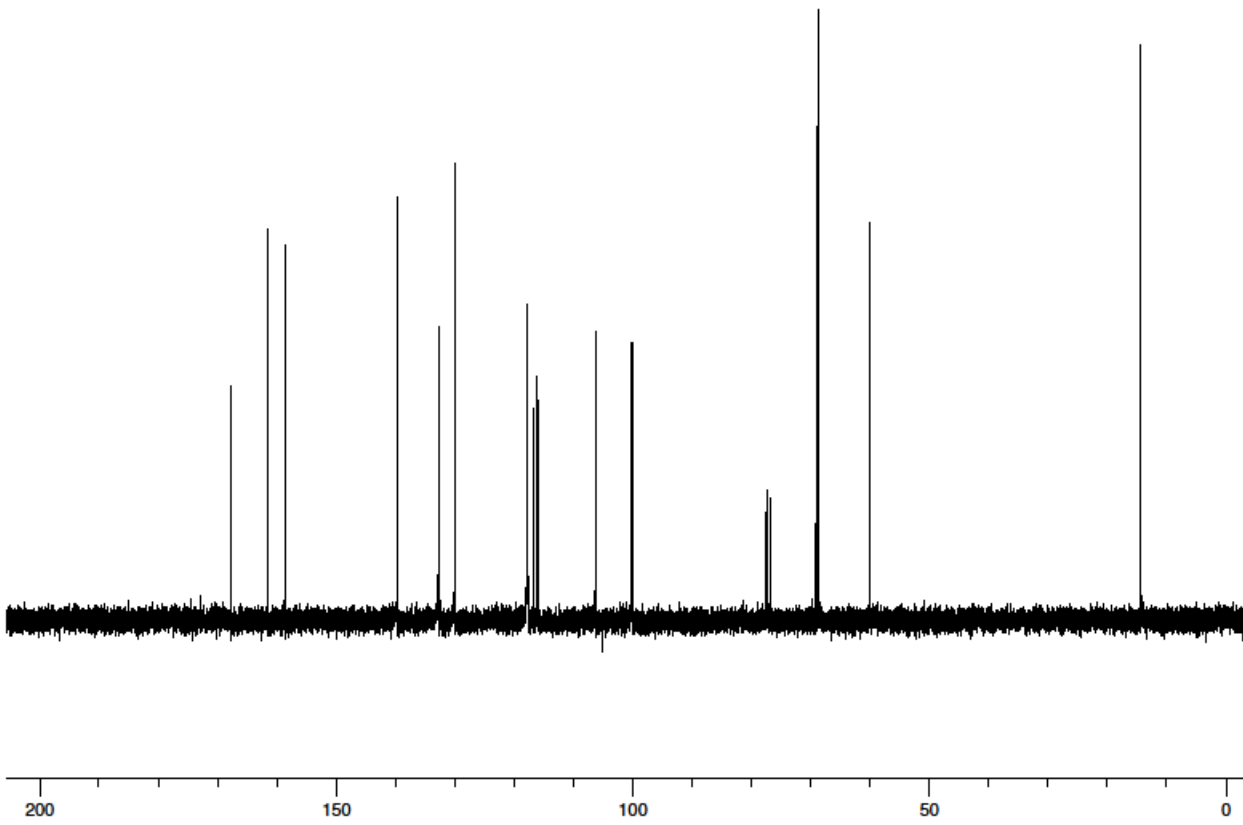


Chapter 4 NMR spectra

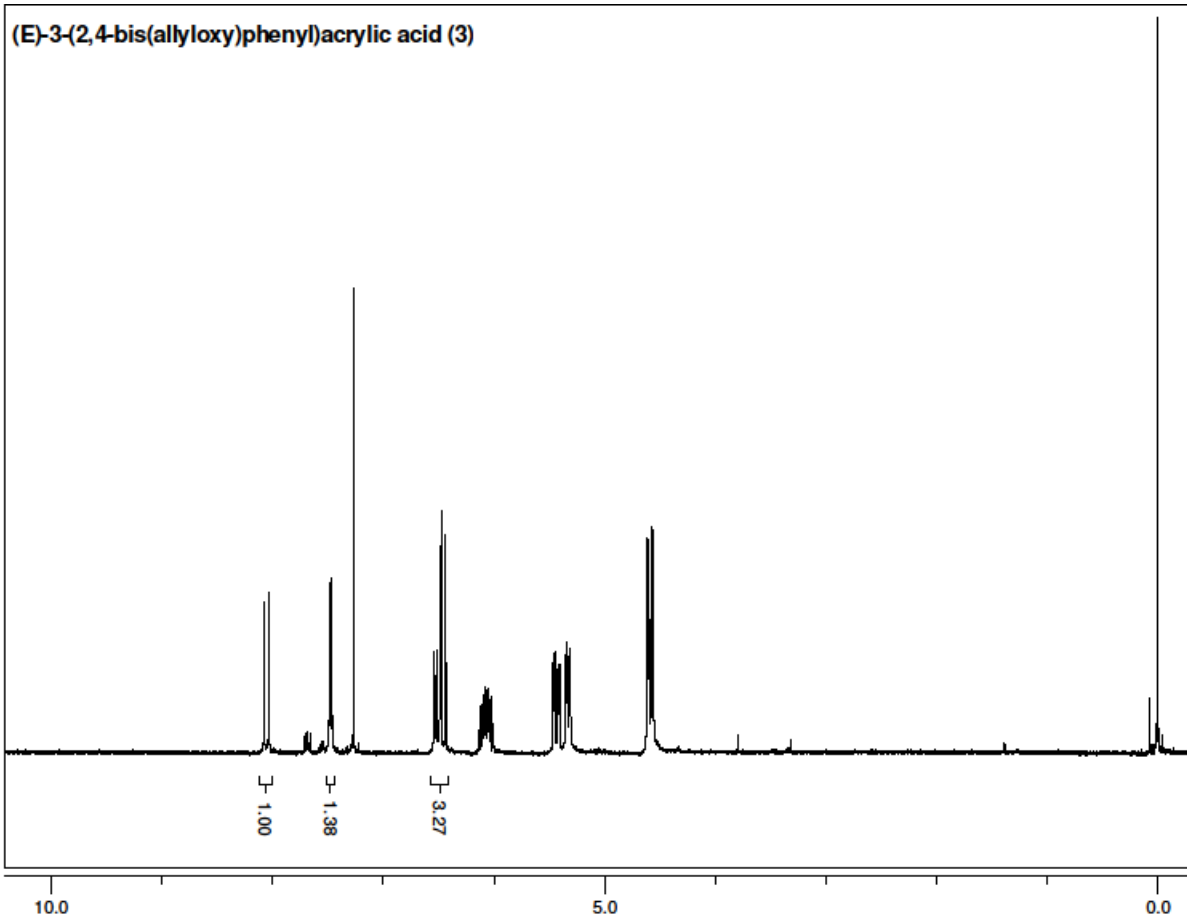
ethyl (E)-3-(2,4-bis(allyloxy)phenyl)acrylate (2)



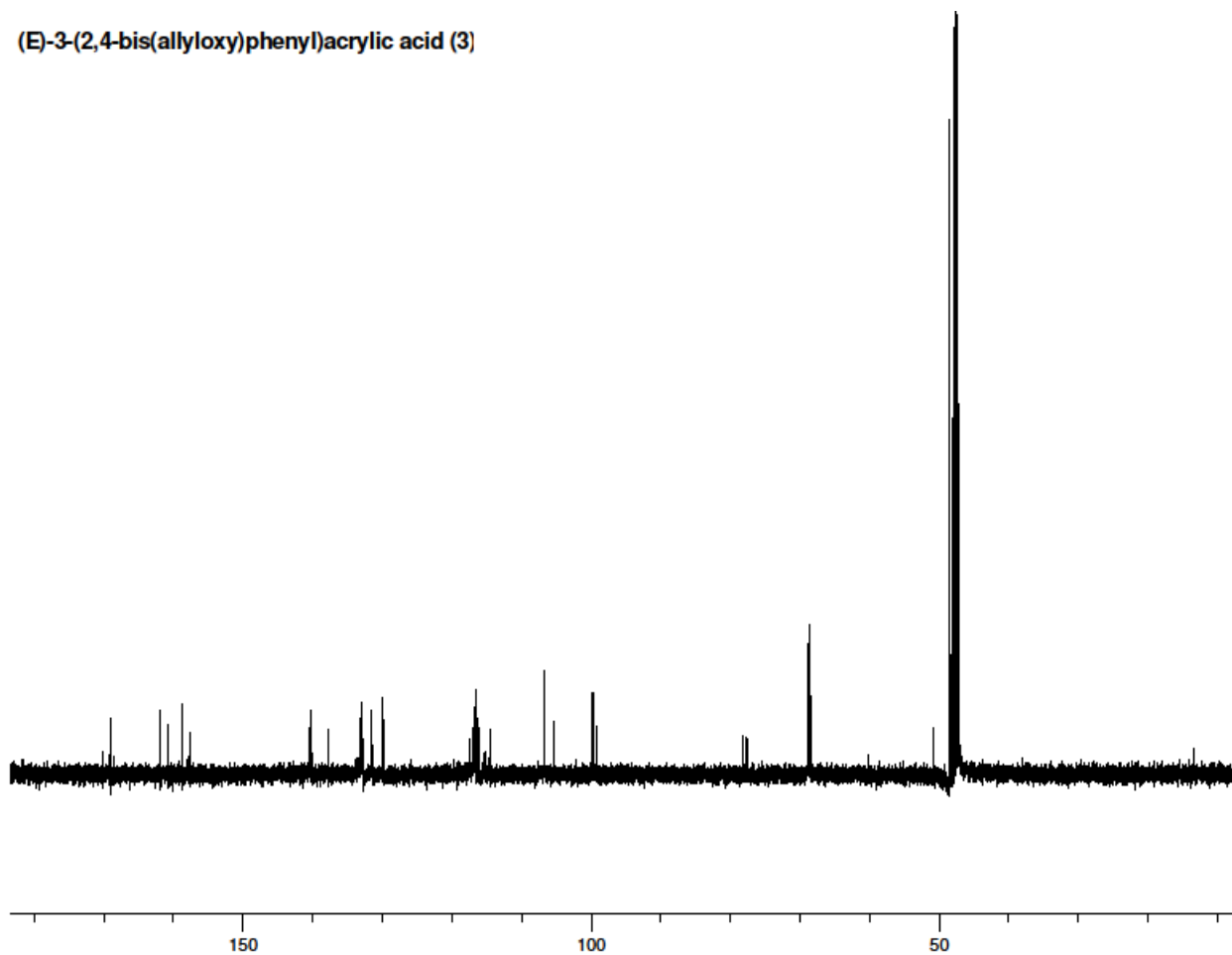
ethyl (E)-3-(2,4-bis(allyloxy)phenyl)acrylate (2)



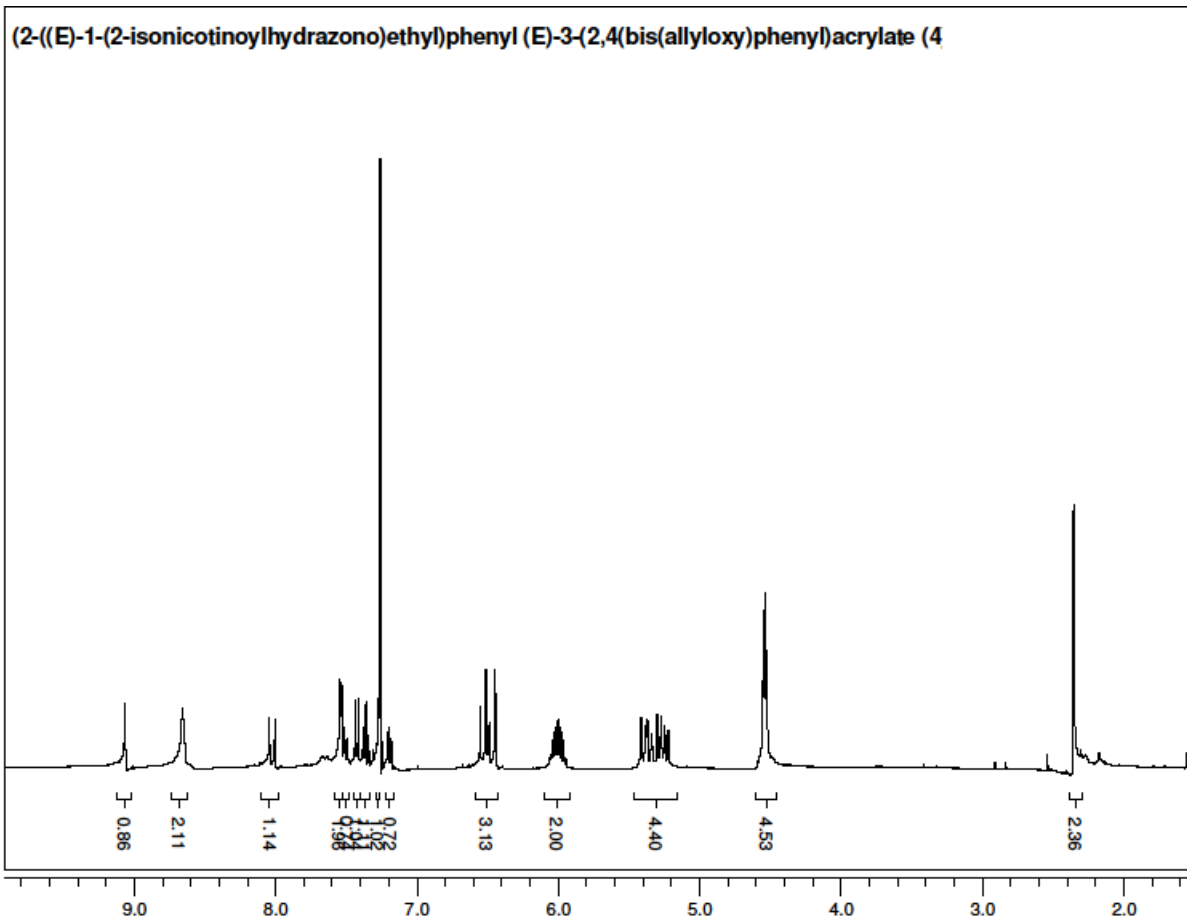
(E)-3-(2,4-bis(allyloxy)phenyl)acrylic acid (3)

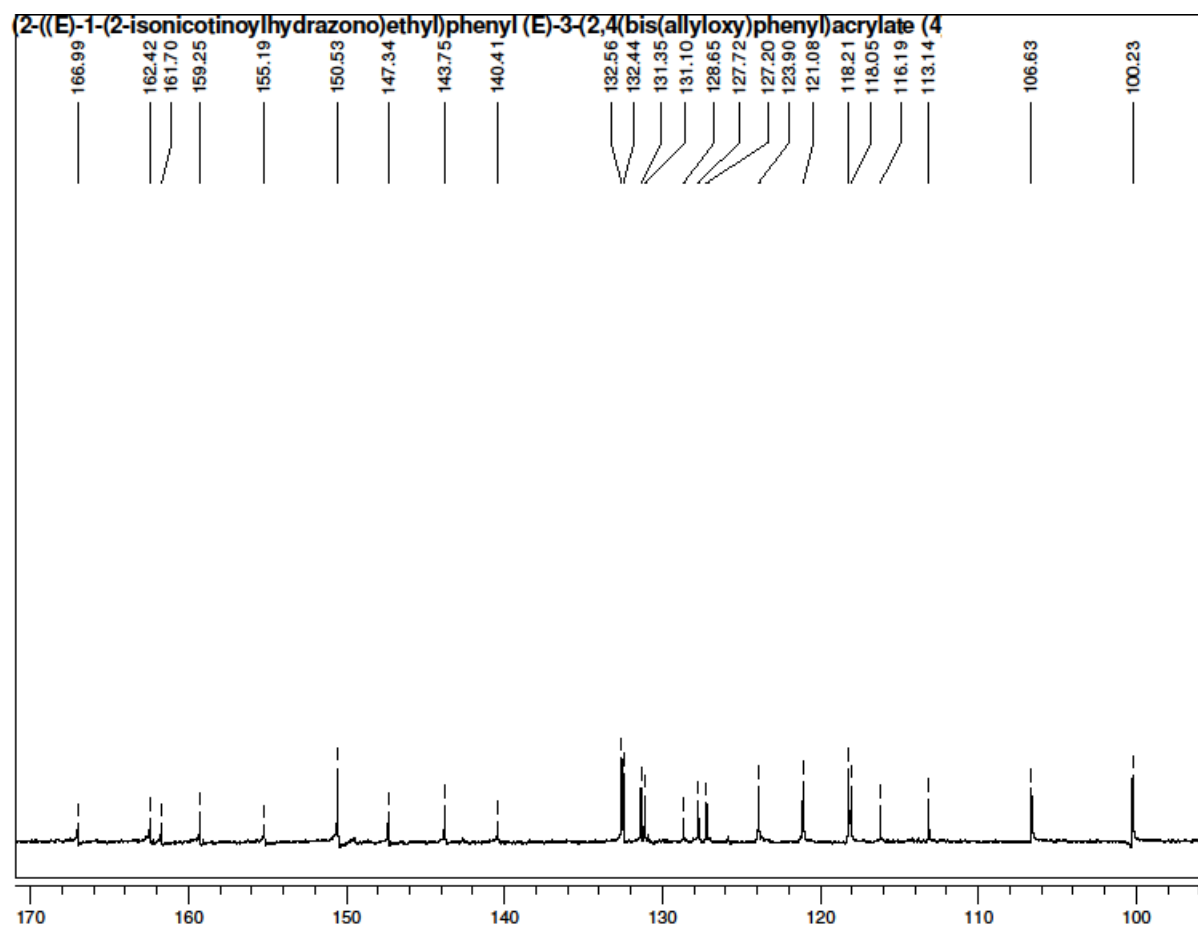


(E)-3-(2,4-bis(allyloxy)phenyl)acrylic acid (3)

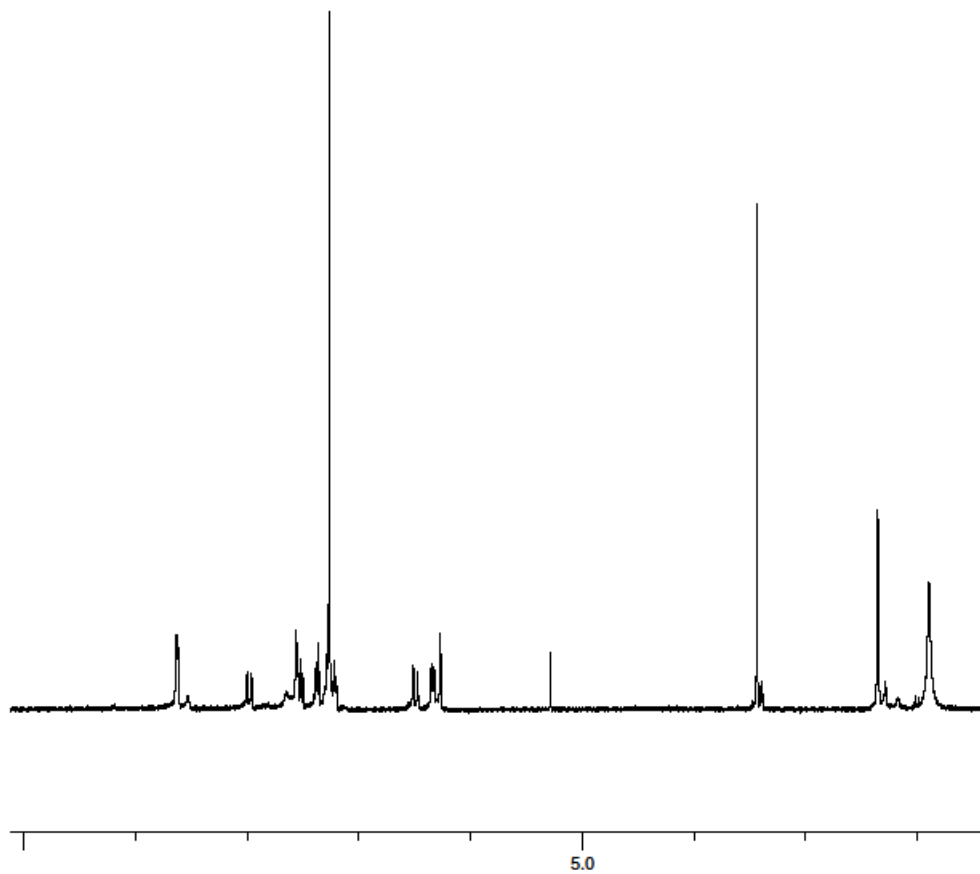


(2-((E)-1-(2-isonicotinoylhydrazono)ethyl)phenyl (E)-3-(2,4(bis(allyloxy)phenyl)acrylate (4



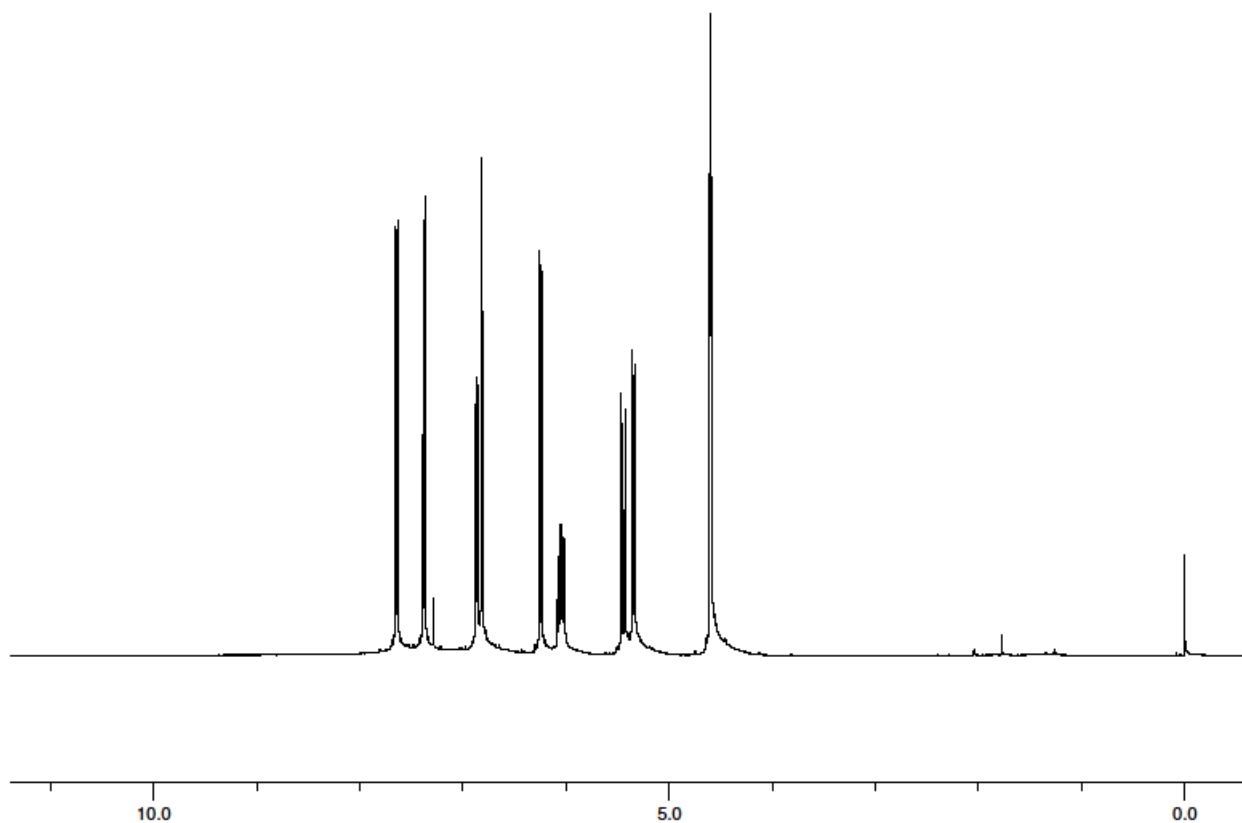


2-((E)-1-(2-isonicotinoylhydrazono)ethyl)phenyl (E)-3-(2,4-dihydroxyphenyl)acrylate (PC-HAP)

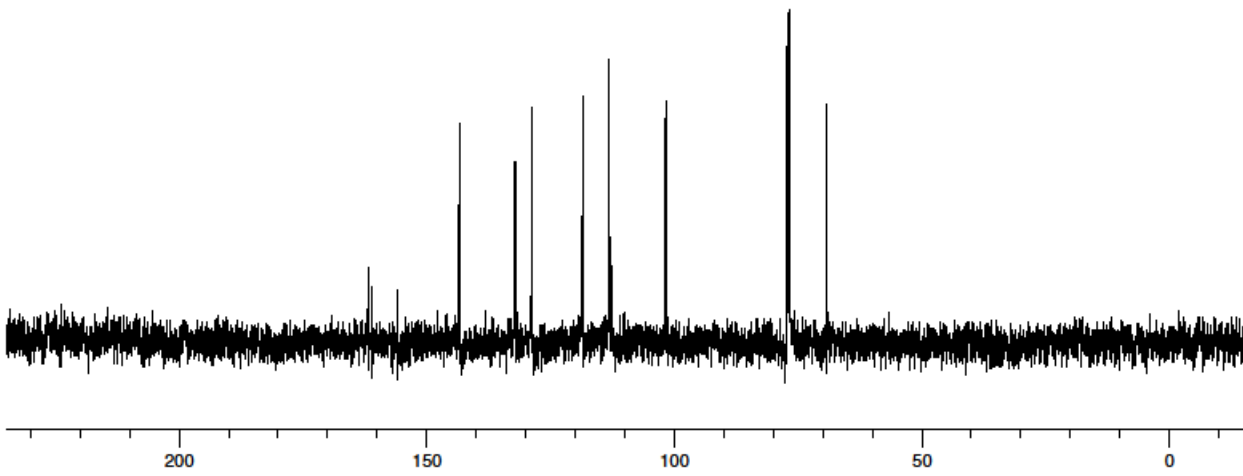


CHAPTER 5 SPECTRA

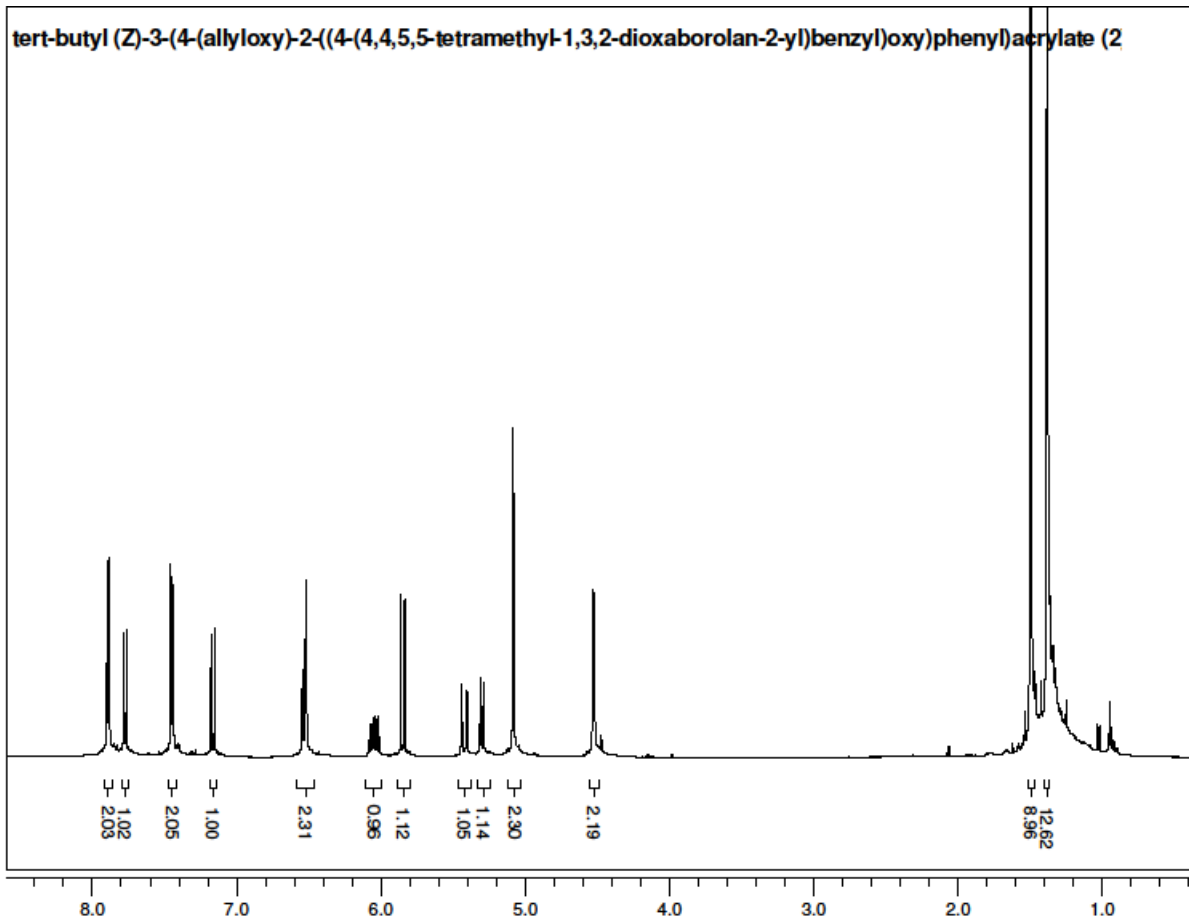
7-allyloxycoumarin (1)



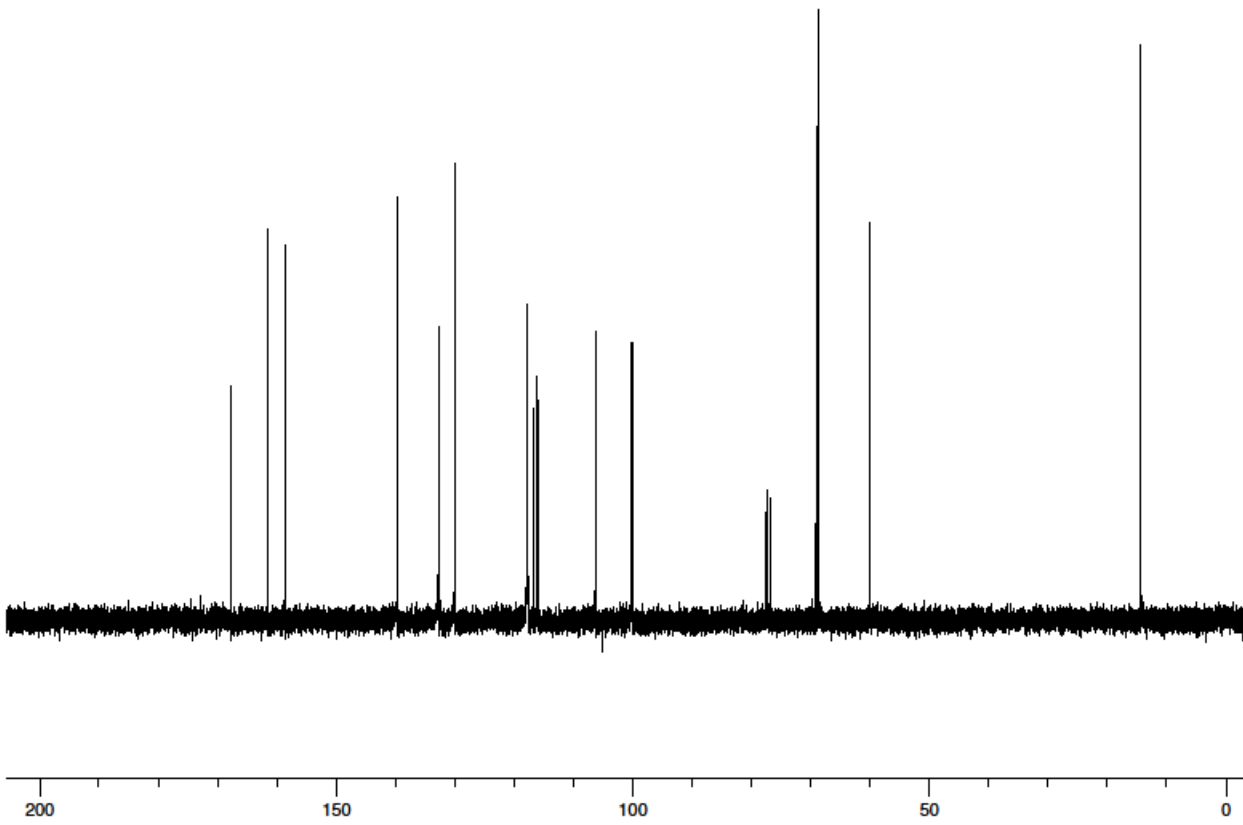
7-allyloxycoumarin (1)



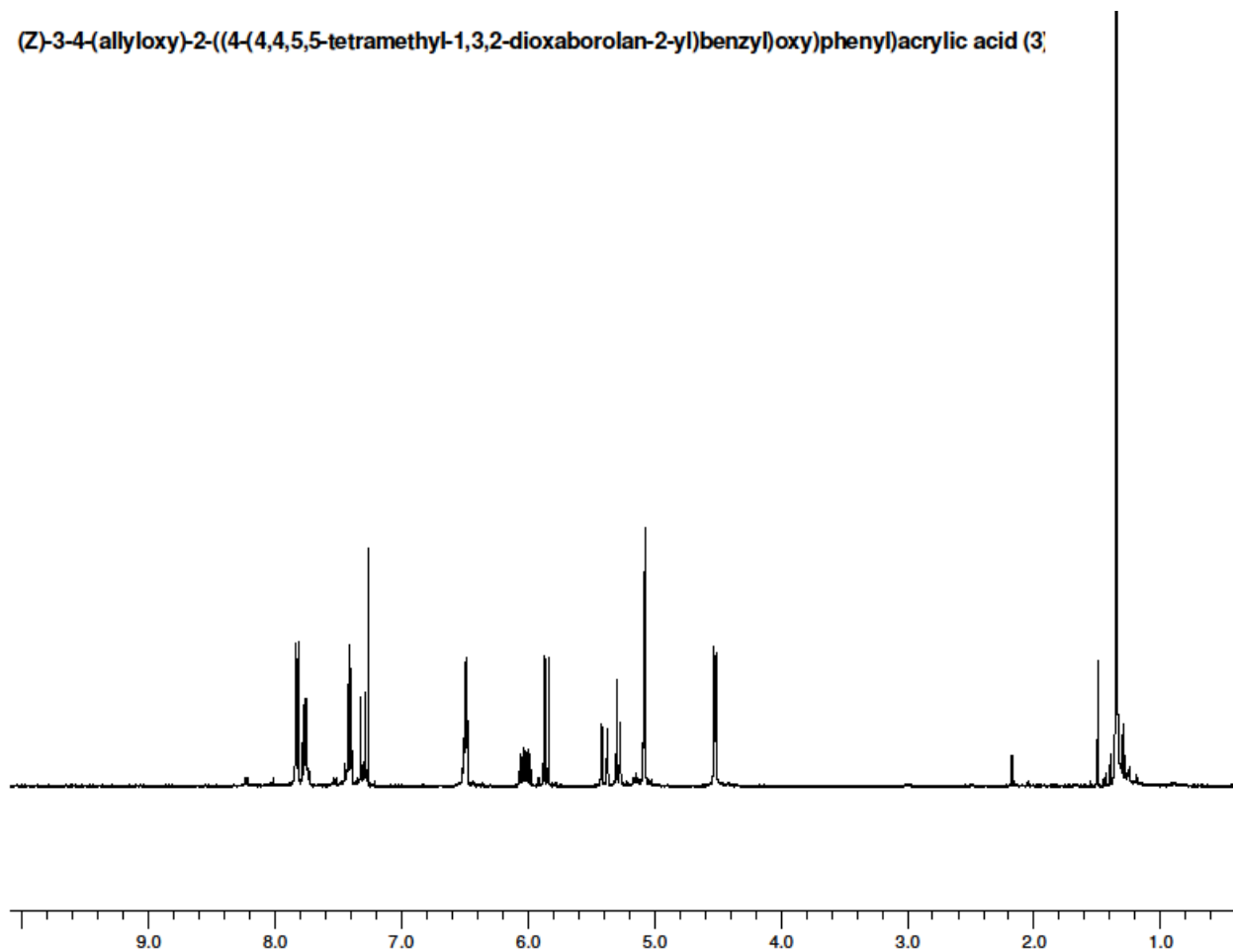
tert-butyl (Z)-3-(4-(allyloxy)-2-((4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzyl)oxy)phenyl)acrylate (2)

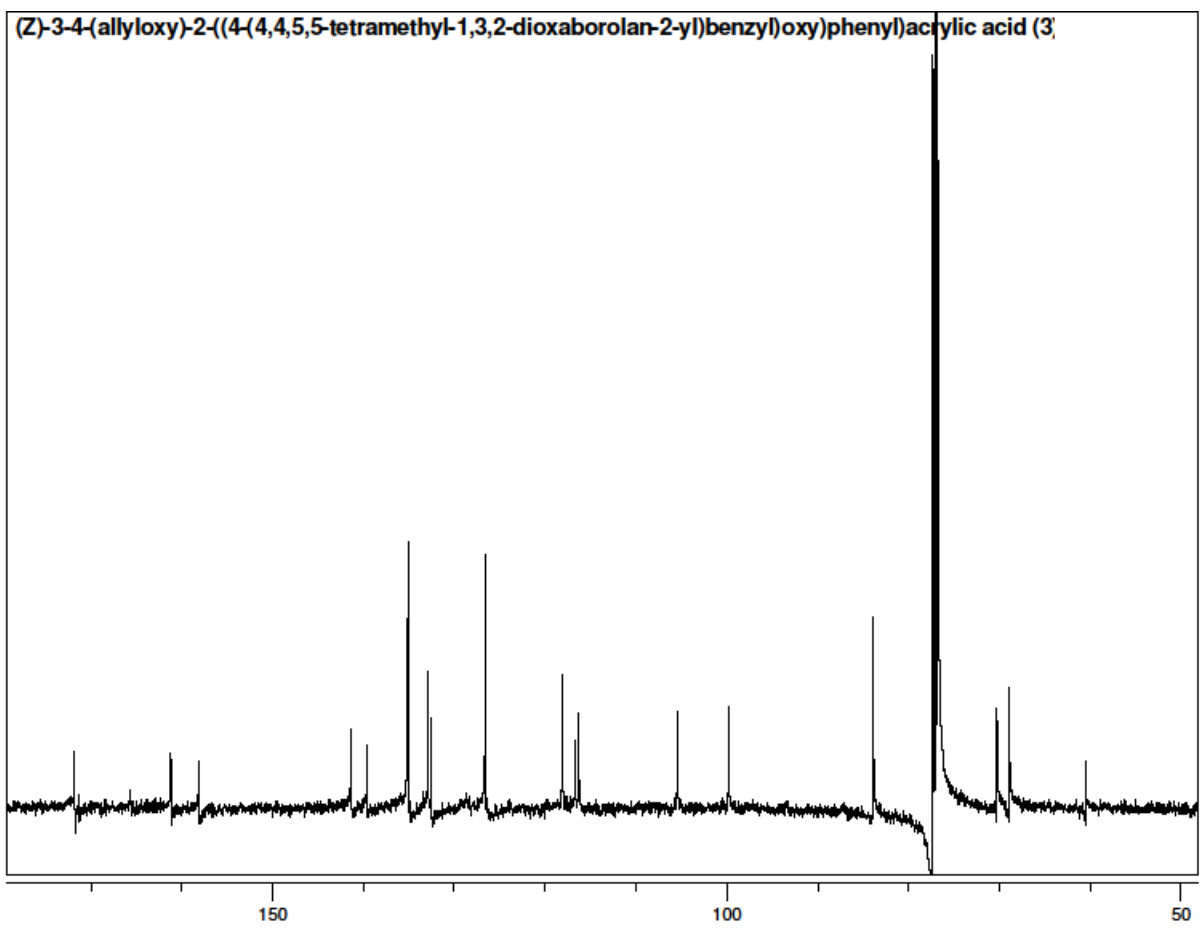


ethyl (E)-3-(2,4-bis(allyloxy)phenyl)acrylate (2)

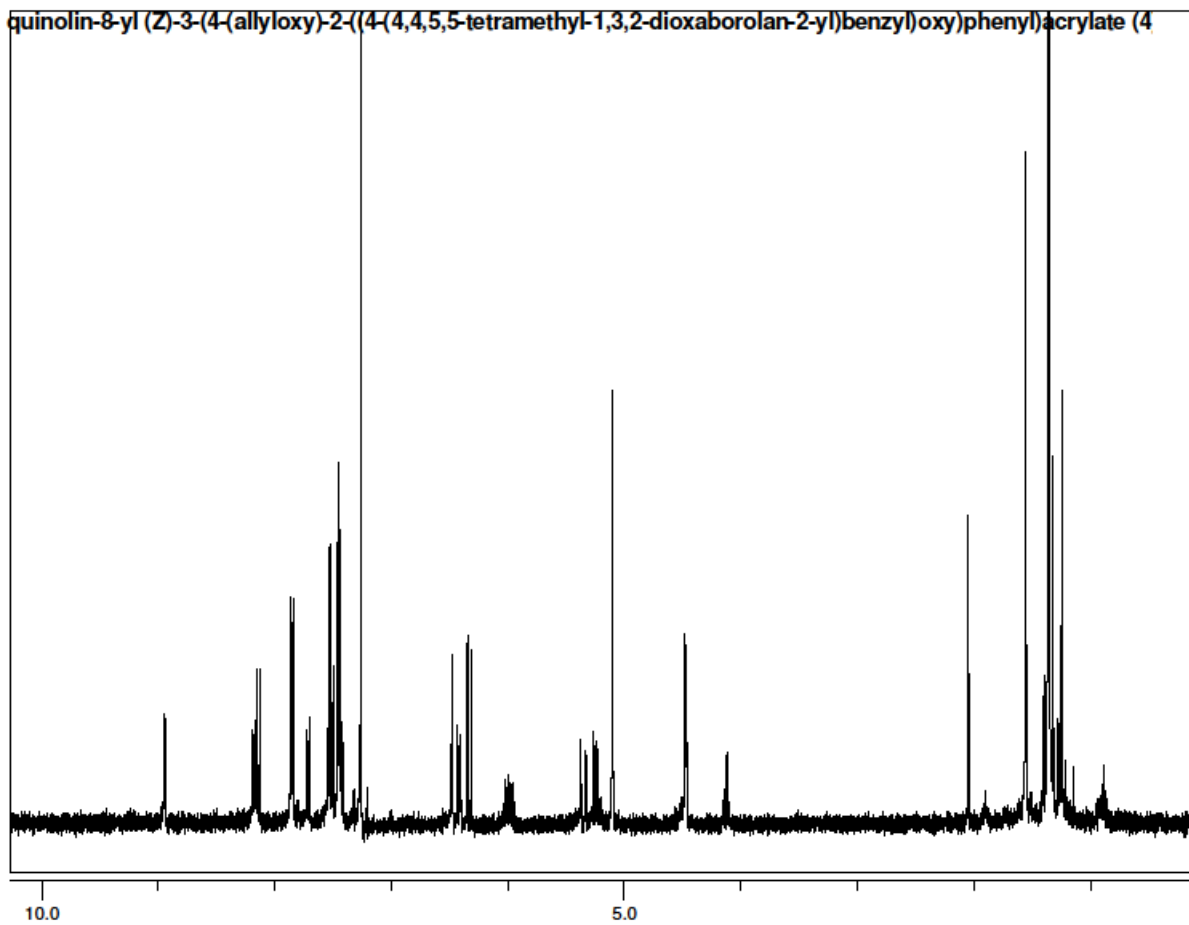


(Z)-3-4-(allyloxy)-2-((4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzyl)oxy)phenyl)acrylic acid (3)





quinolin-8-yl (Z)-3-(4-(allyloxy)-2-(4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzyl)oxy)phenyl)acrylate (4



quinolin-8-yl (Z)-3-(4-allyloxy)-2-((4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)benzyl)oxy)phenyl)acrylate (4

