

Supporting Information

SnCl₂·2H₂O mediated Barbier type allylation: A comparative evaluation of catalytic performance of CuI and Pd(OAc)₂

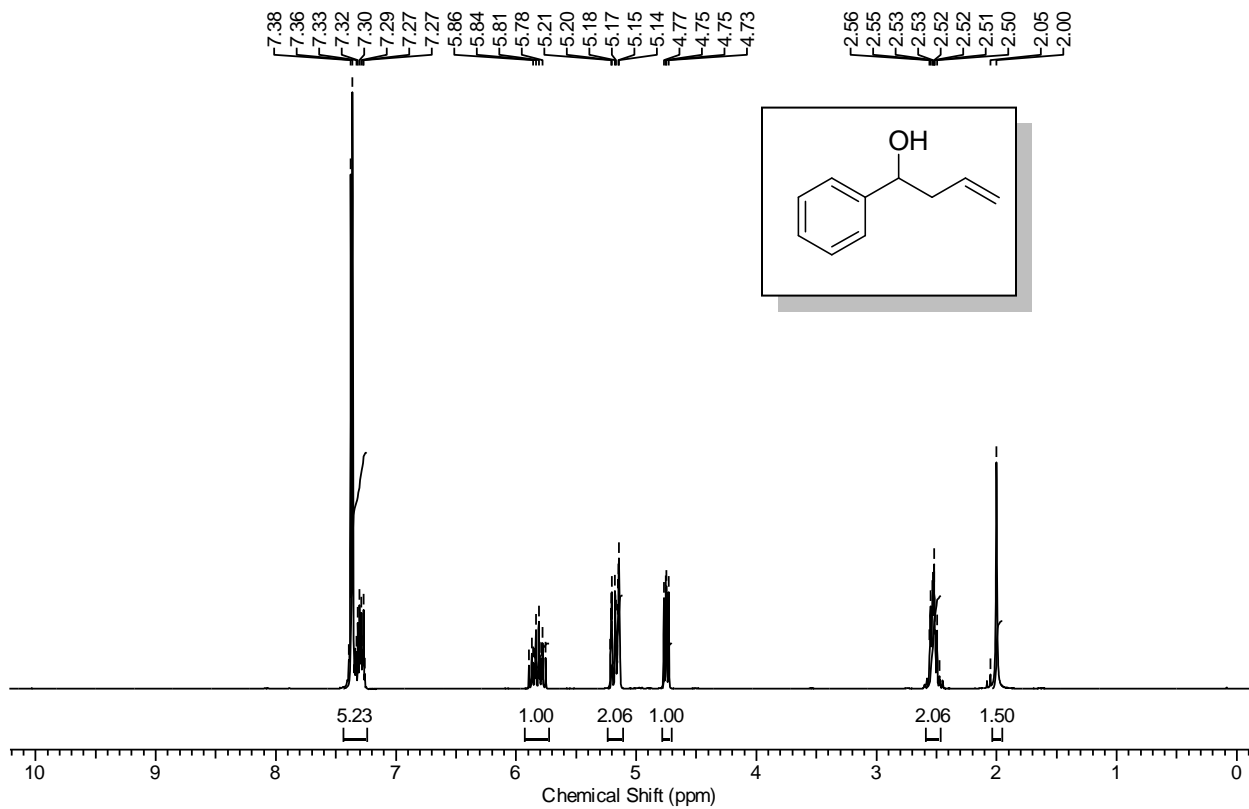
Pabitra Kumar Kalita and Prodeep Phukan

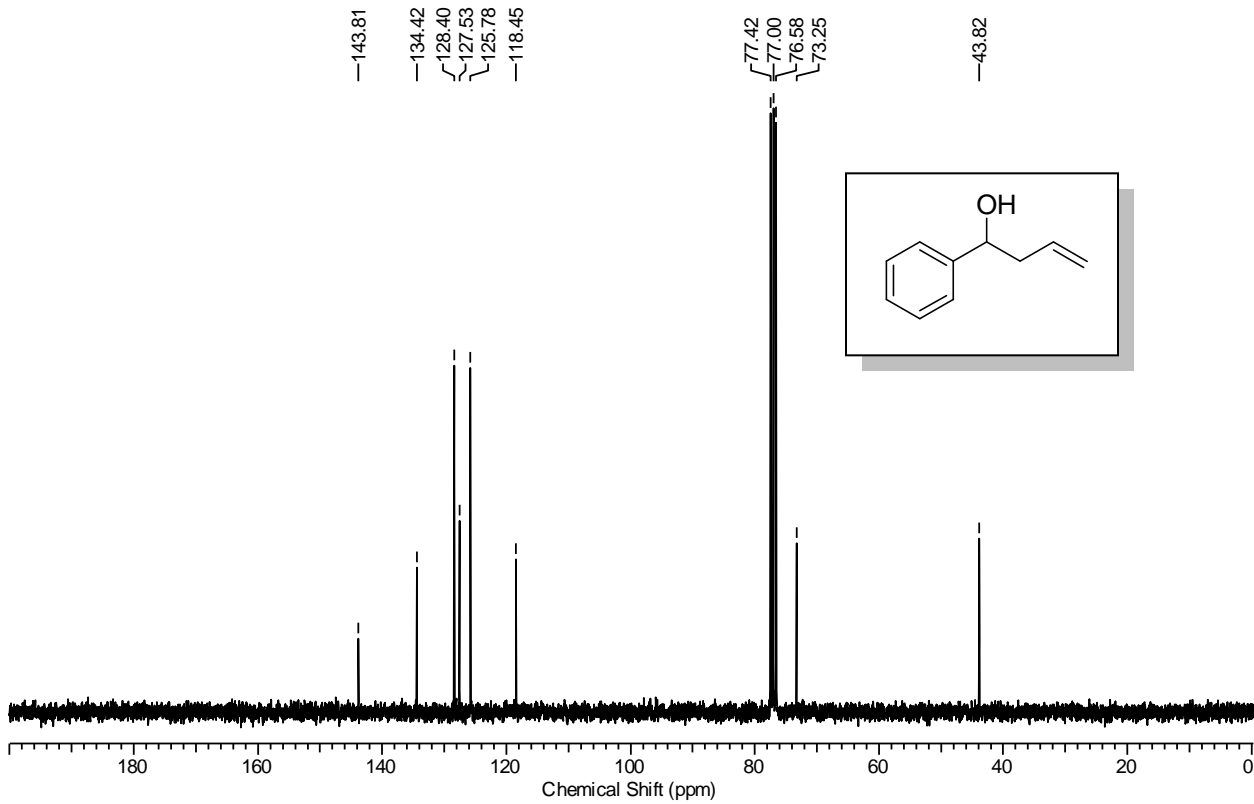
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E-mail: pphukan@yahoo.com

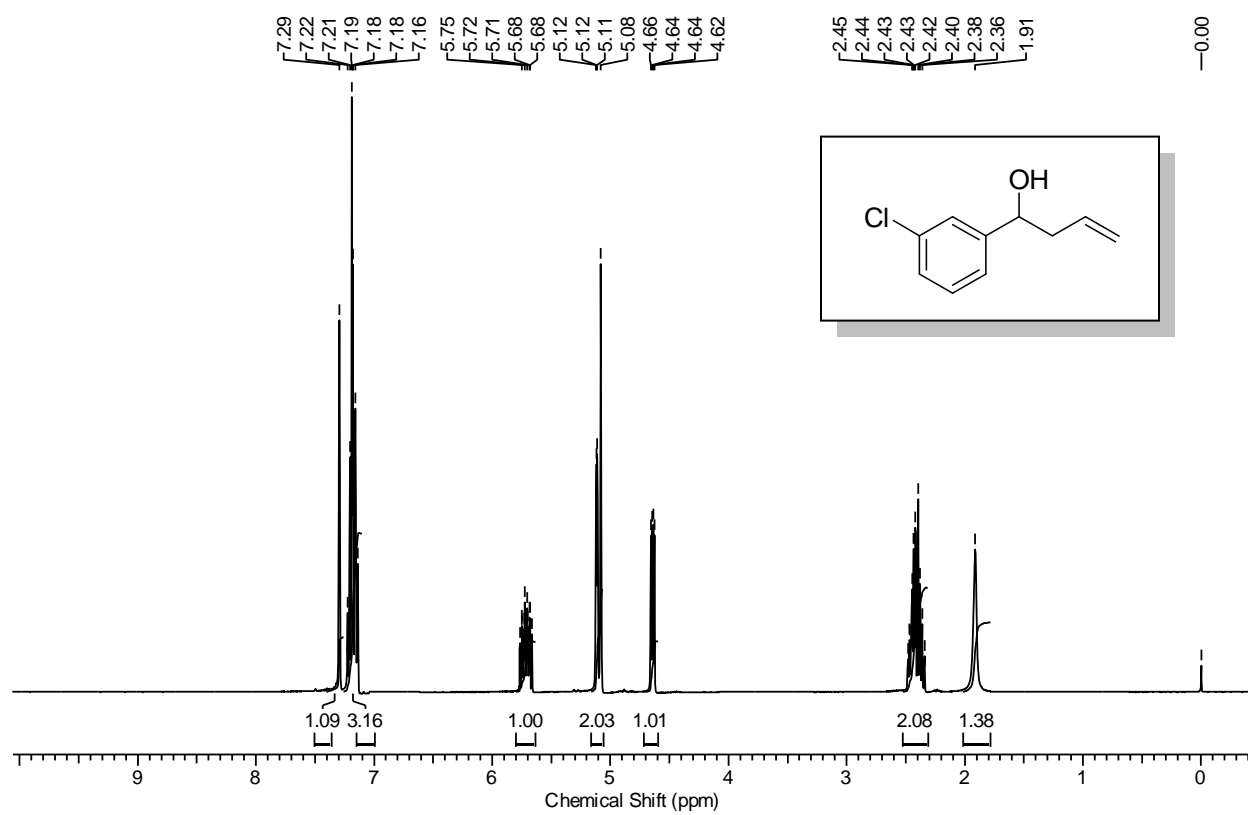
Copies of ¹H and ¹³C NMR Spectra of compounds

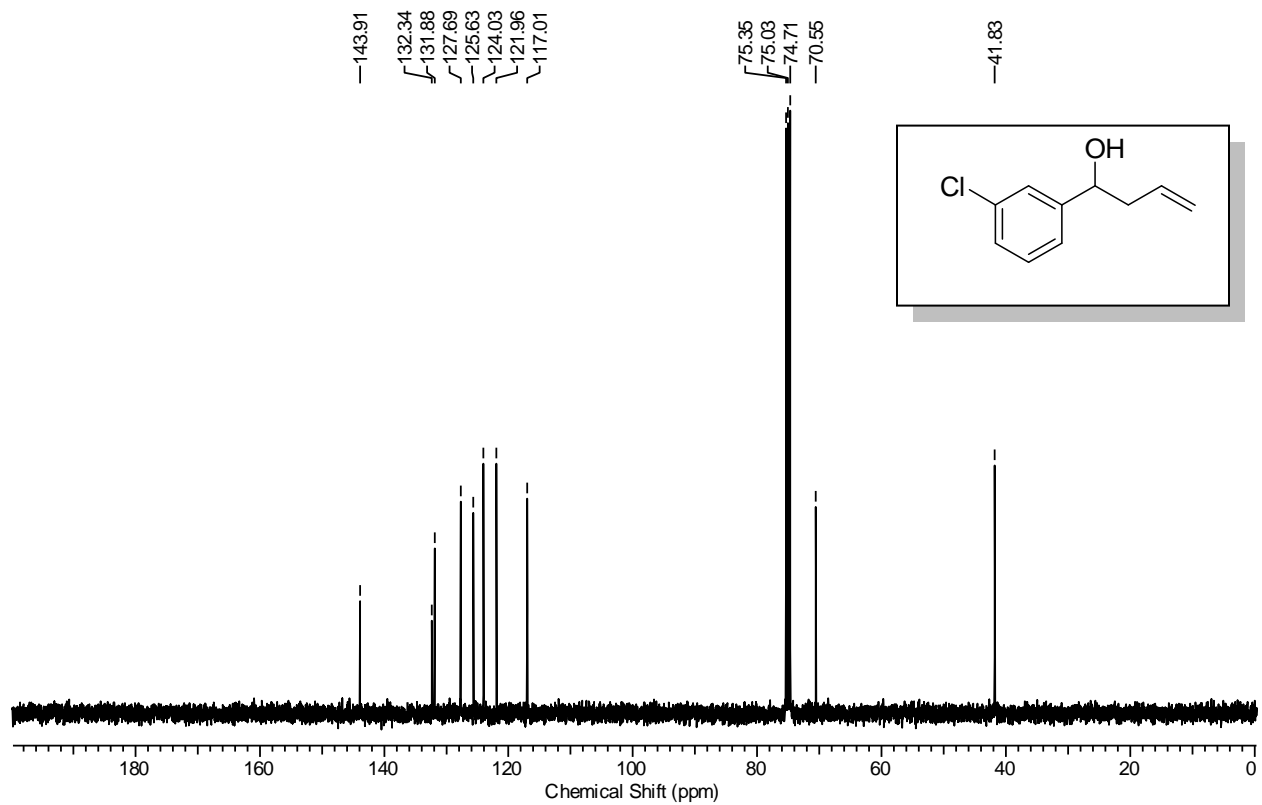
1-Phenyl-but-3-en-1-ol (3a)



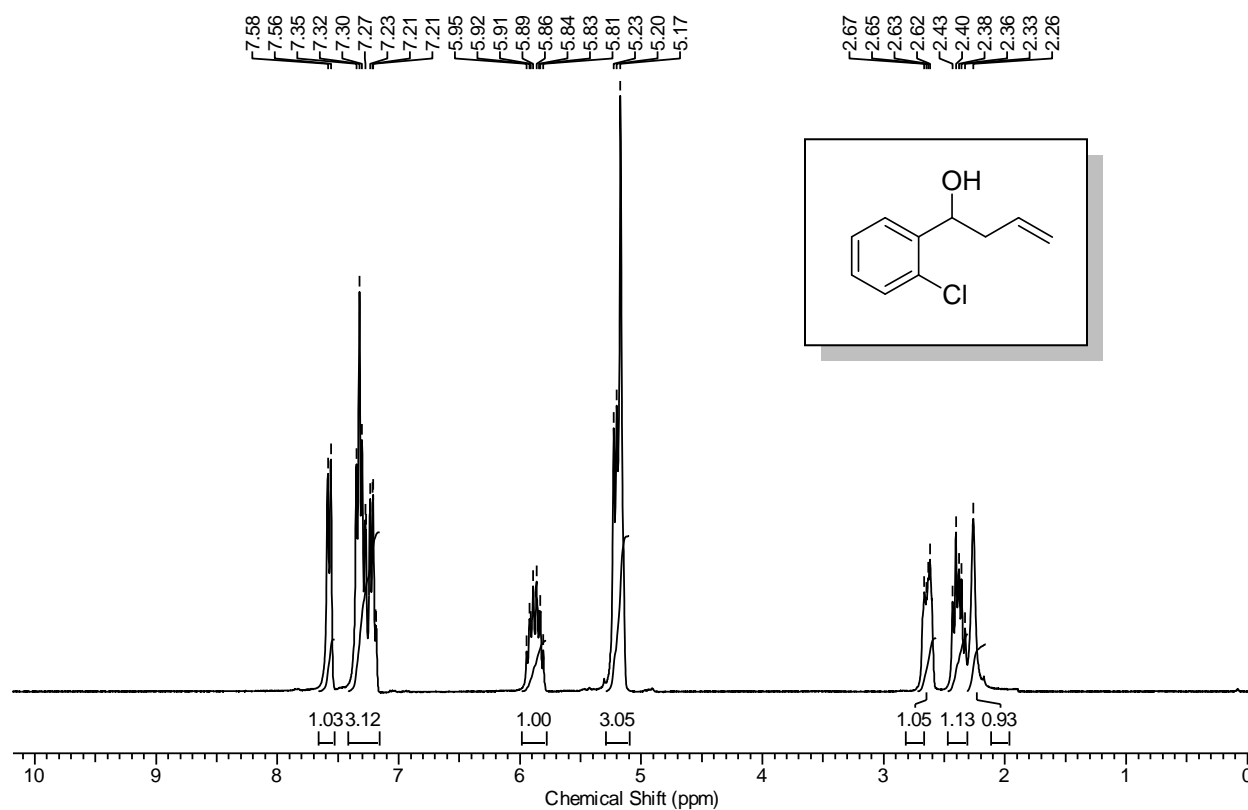


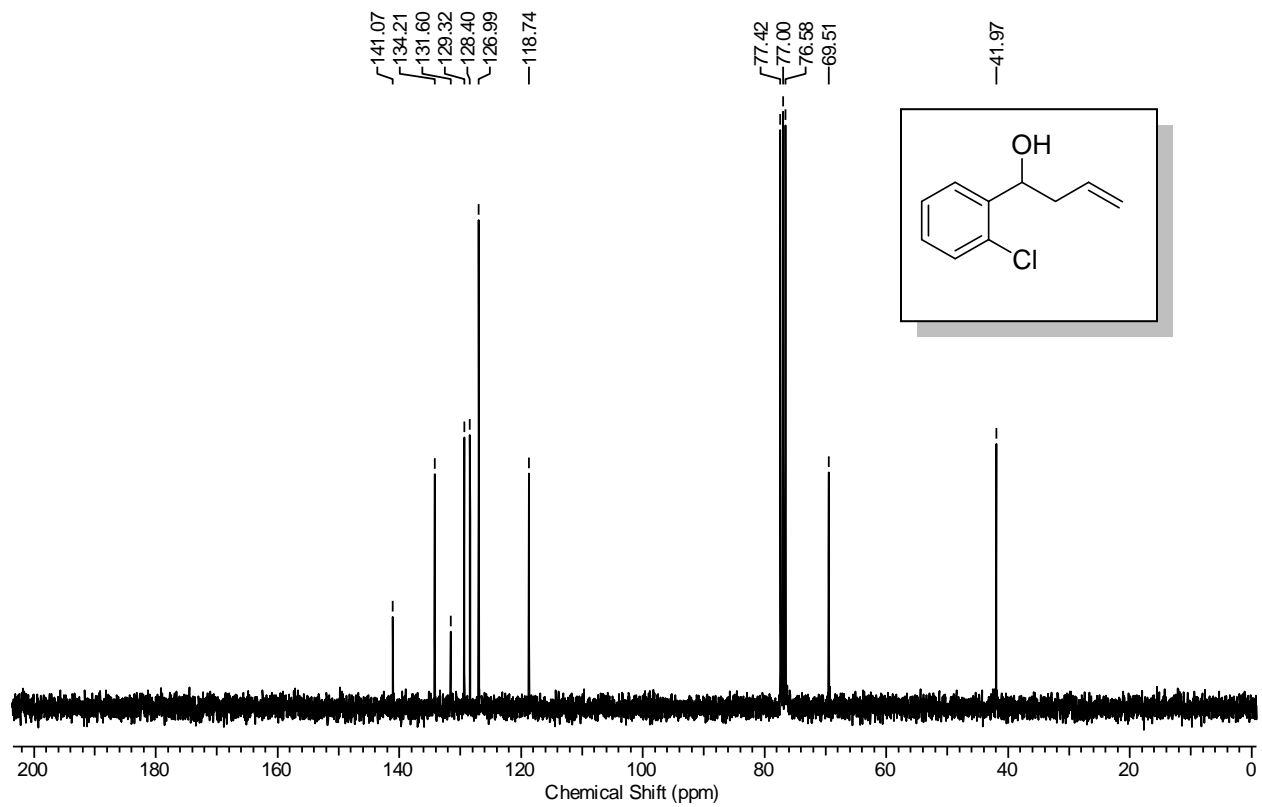
1-(3-Chlorophenyl)but-3-en-1-ol (3b)



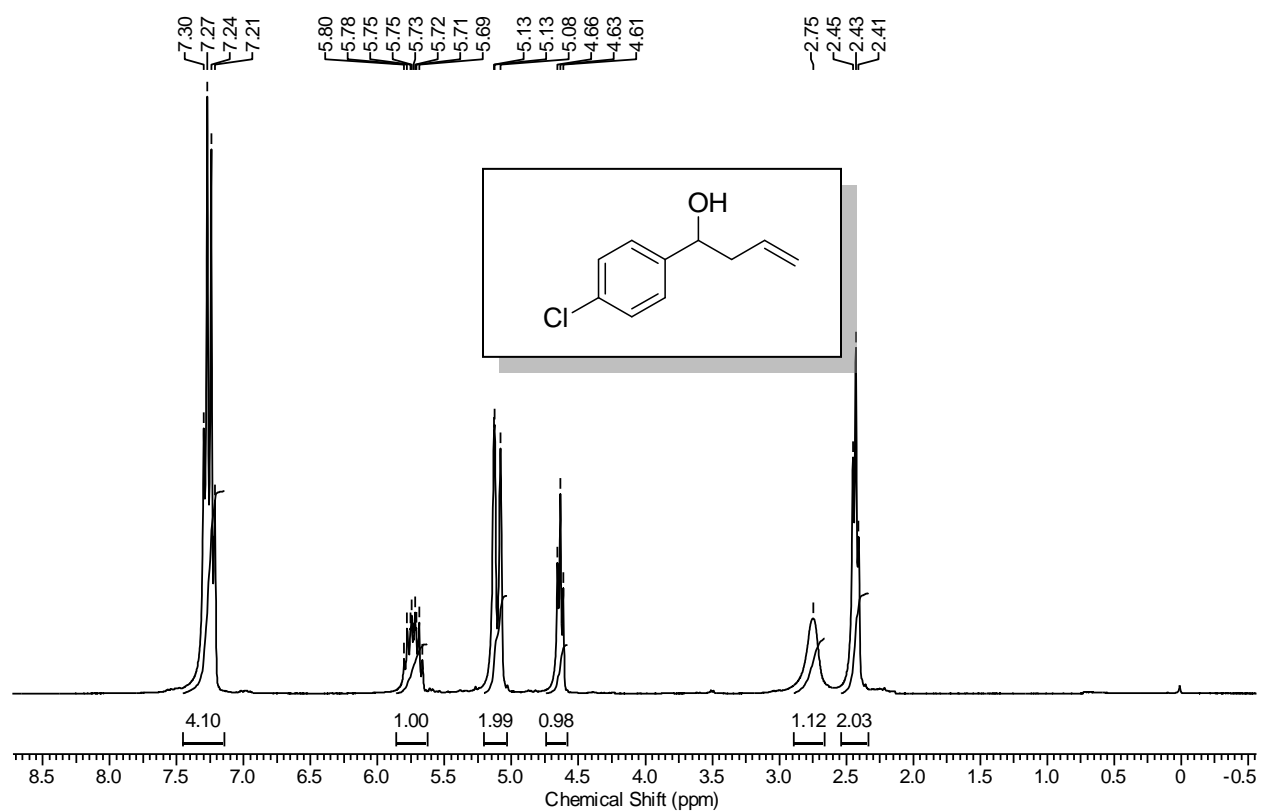


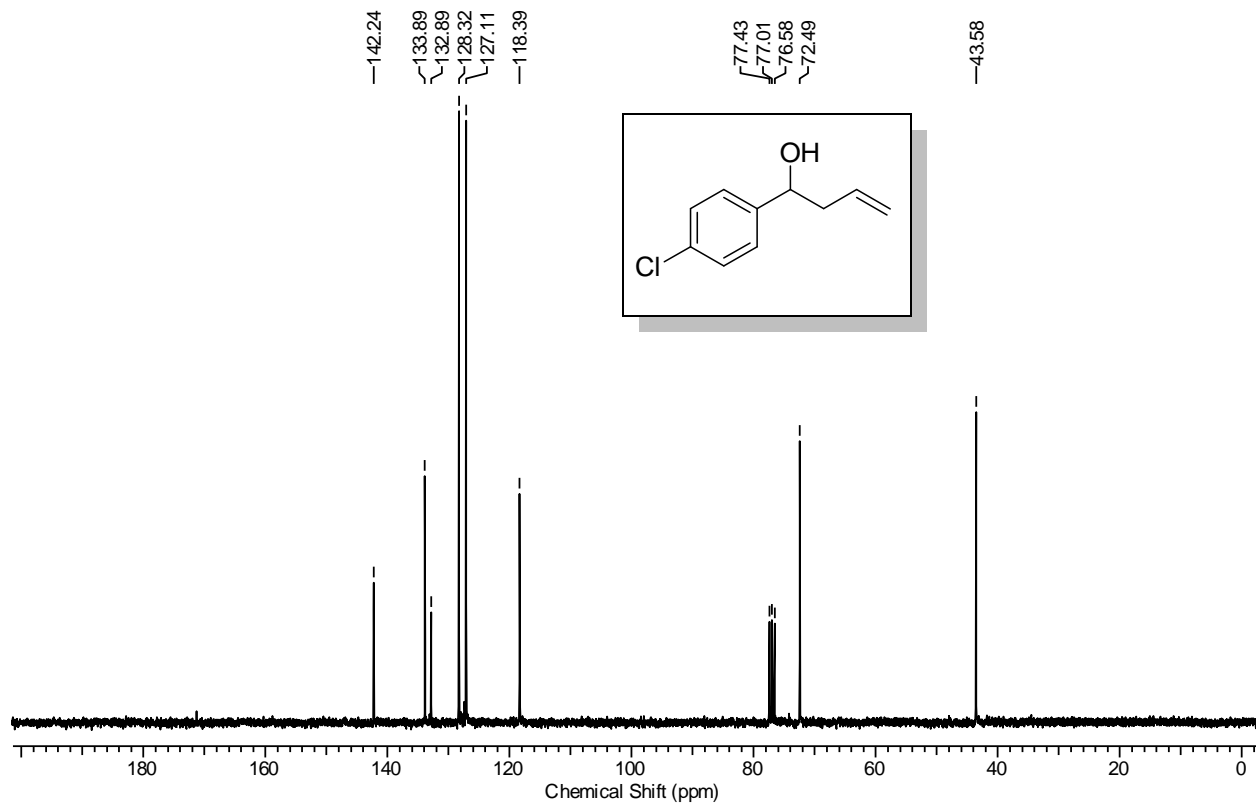
1-(2-Chlorophenyl)but-3-en-1-ol (3c)



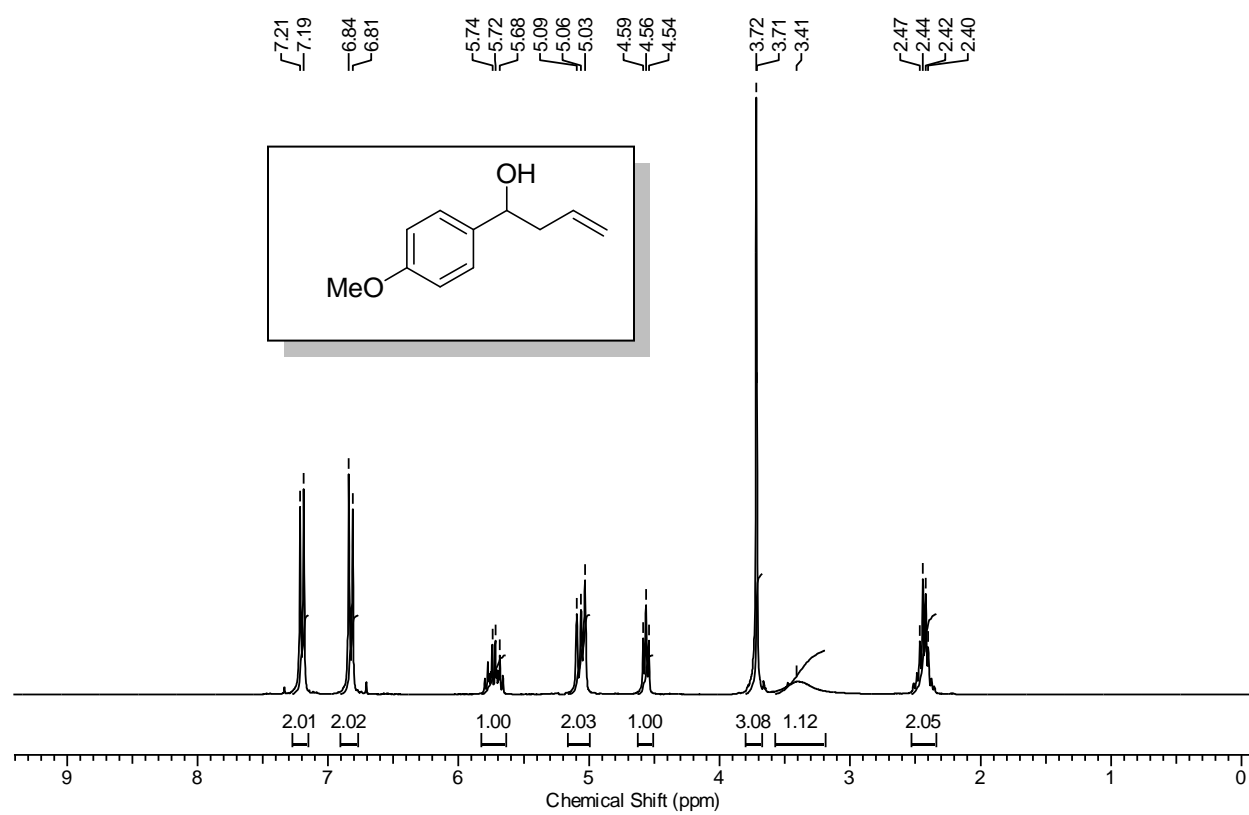


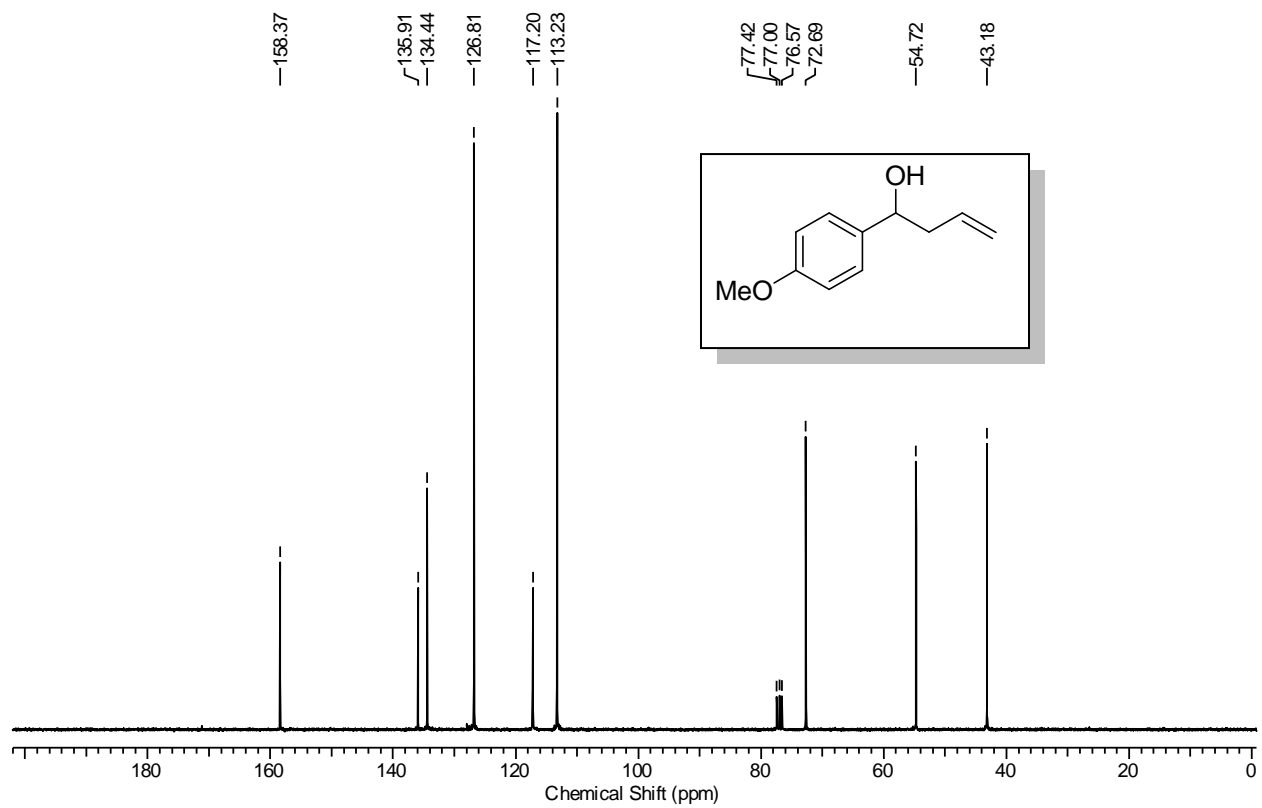
1-(4-Chlorophenyl)but3-en-1-ol (3d)



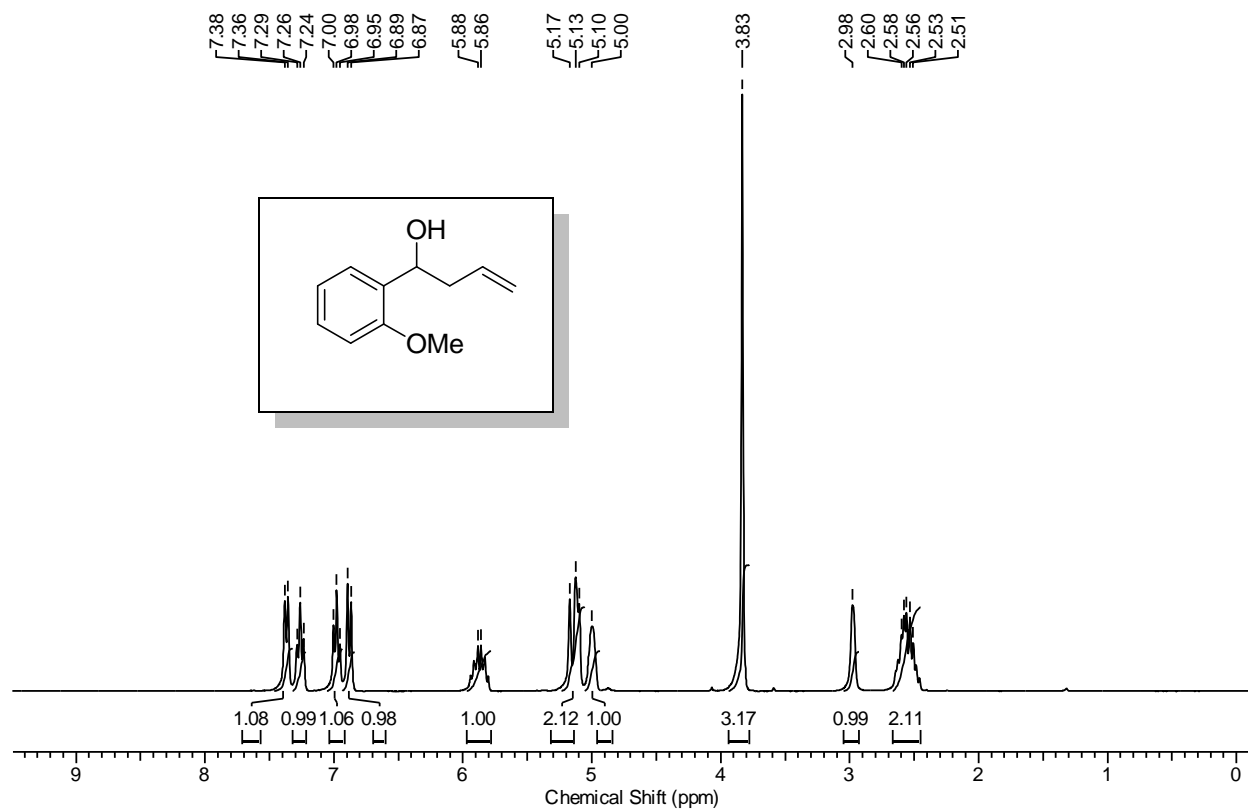


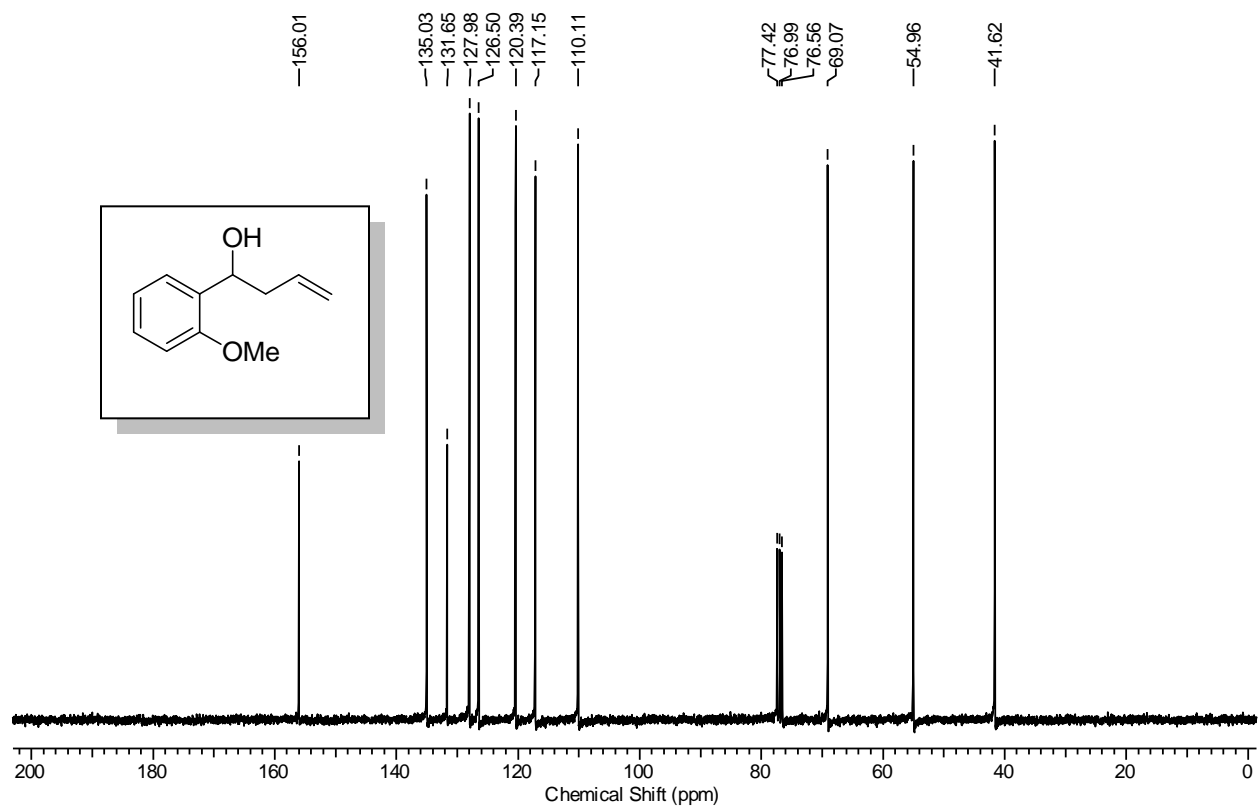
1-(4-Methoxyphenyl)but-3-en-1-ol (3e)



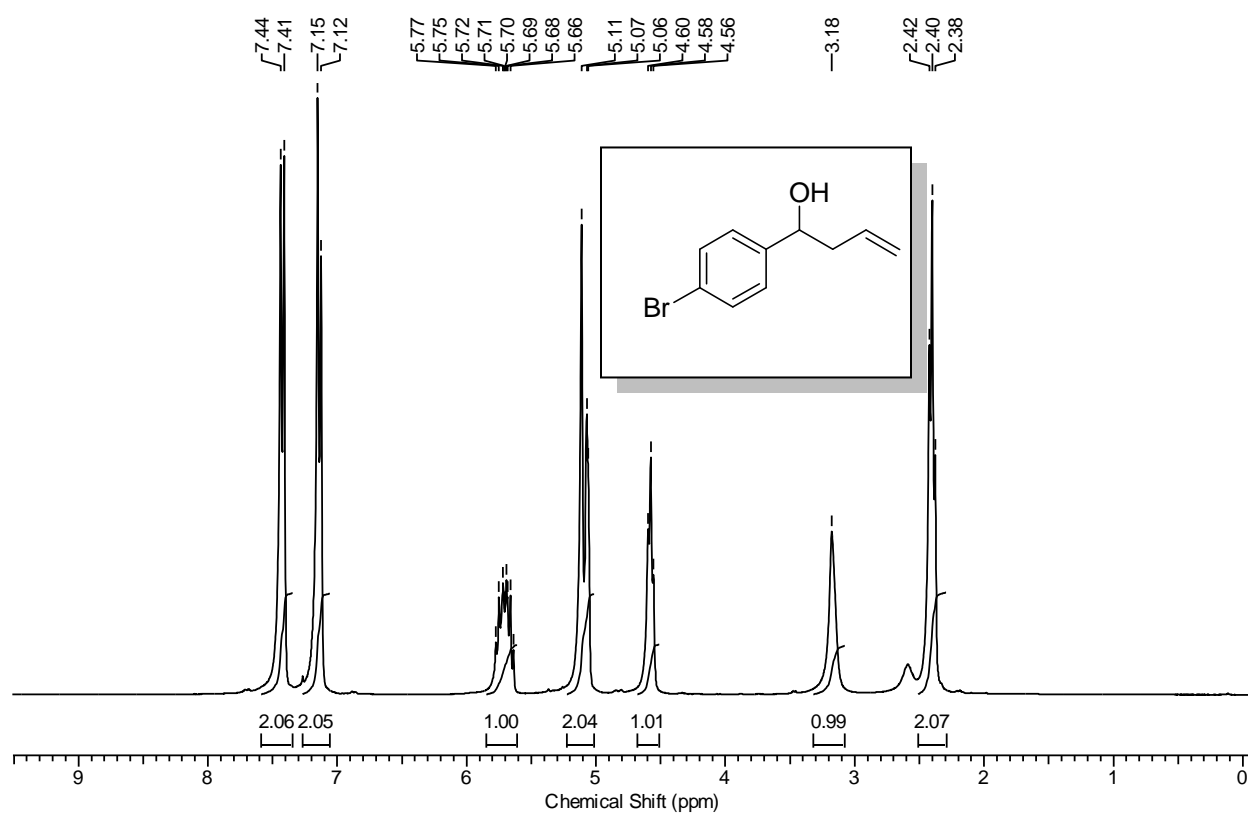


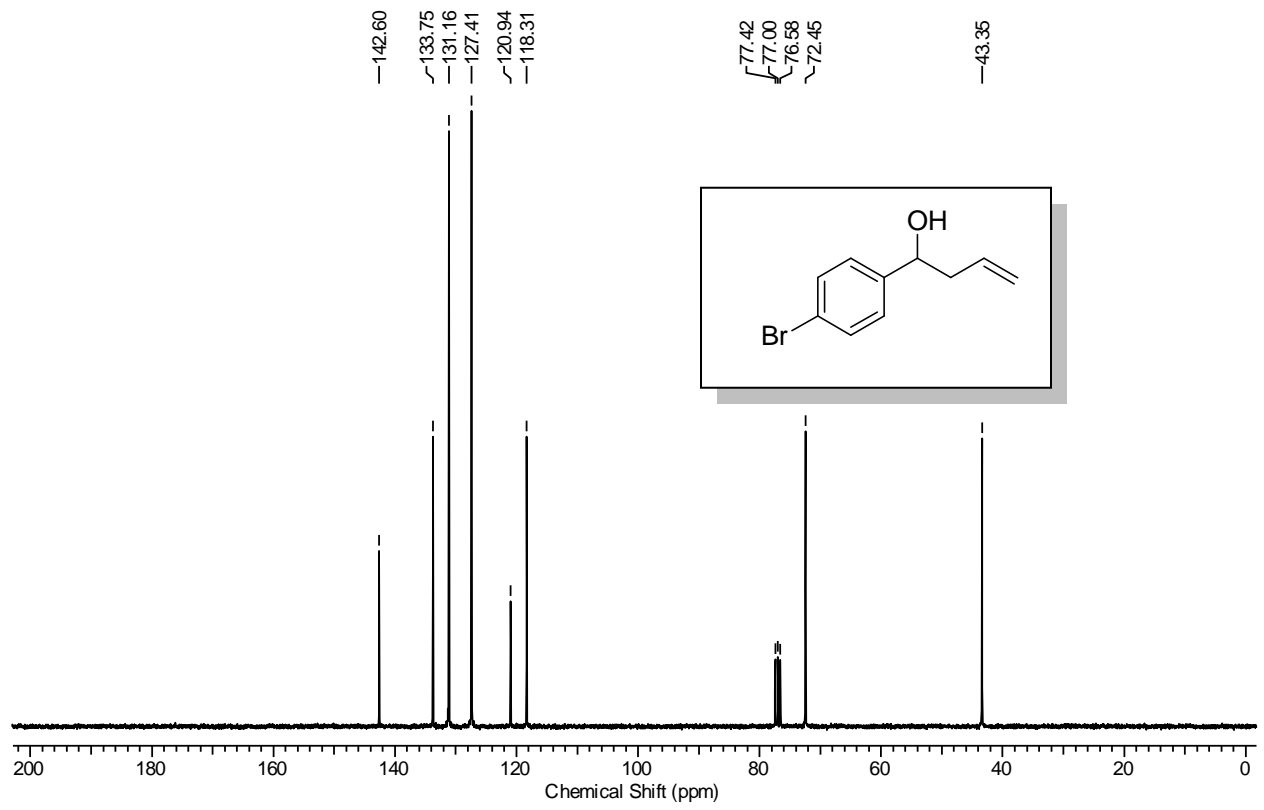
1-(2-Methoxyphenyl)but-3-en-1-ol (3f)



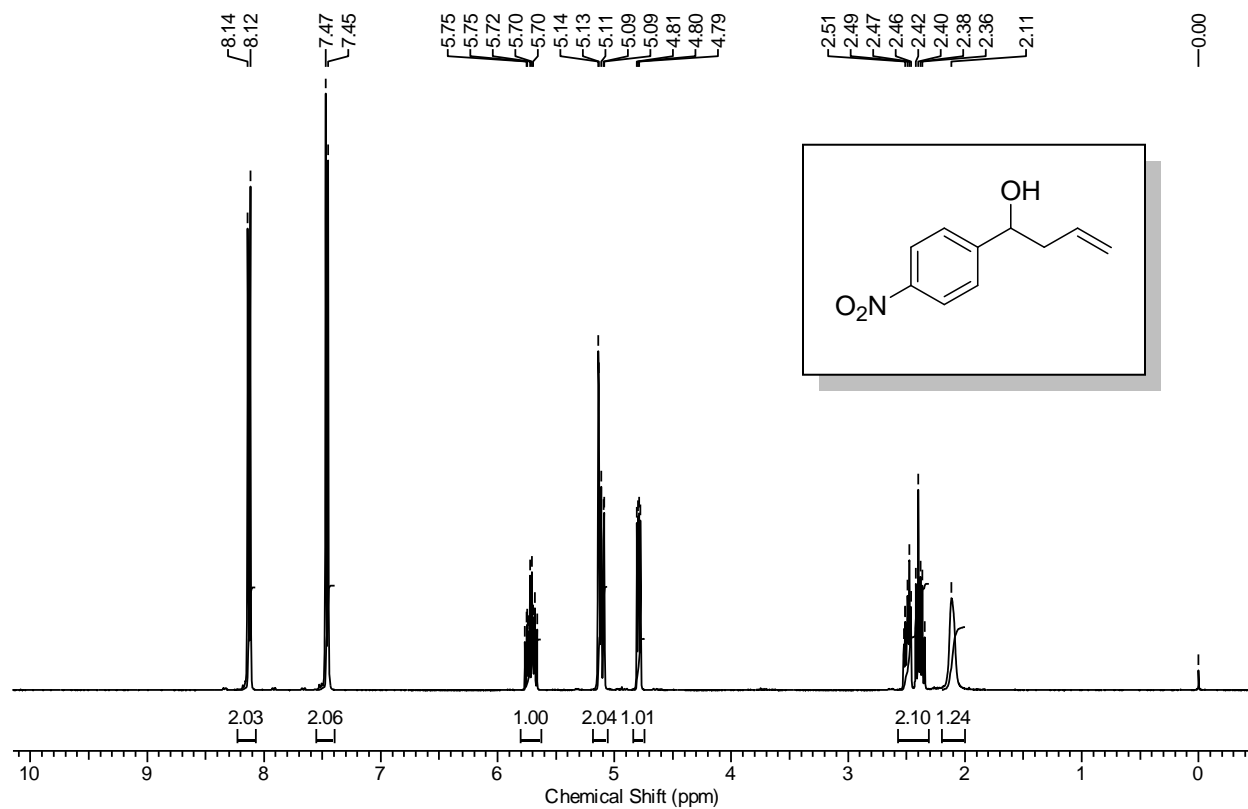


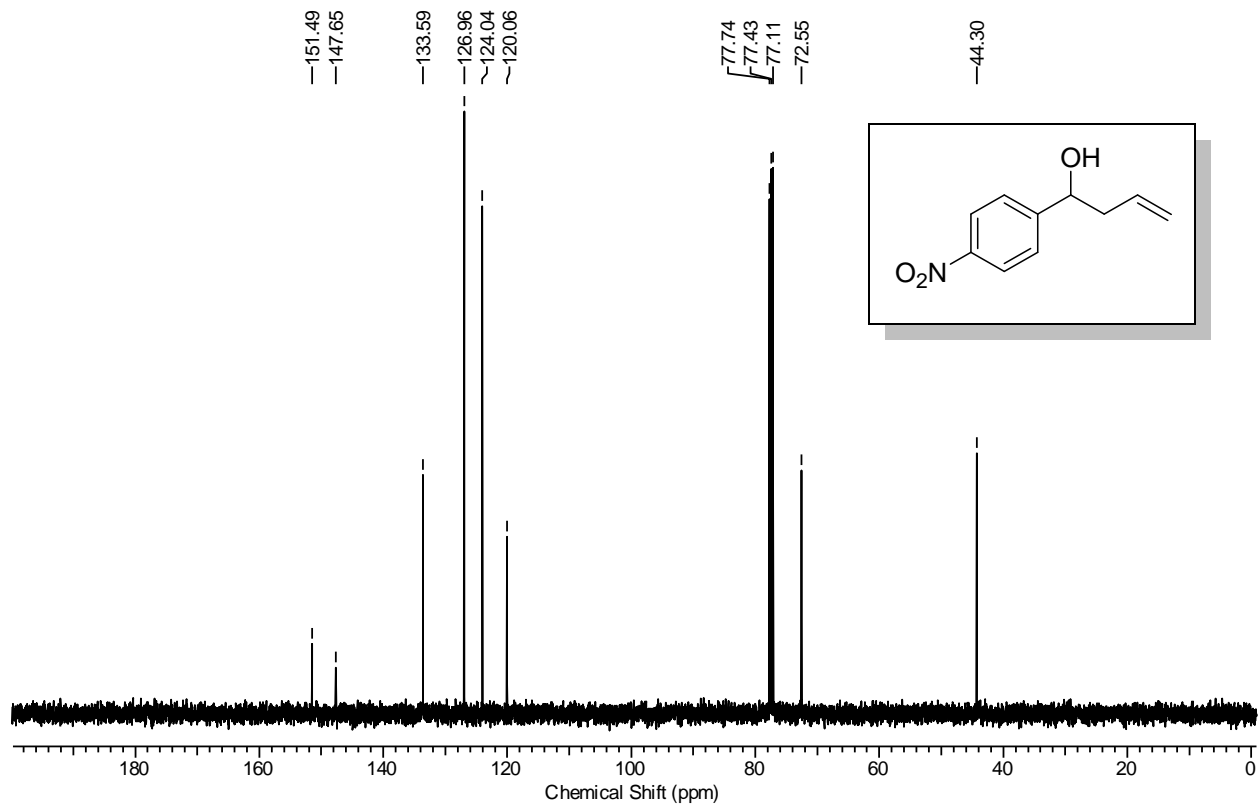
1-(4-Bromophenyl)but-3-en-1-ol (3g)



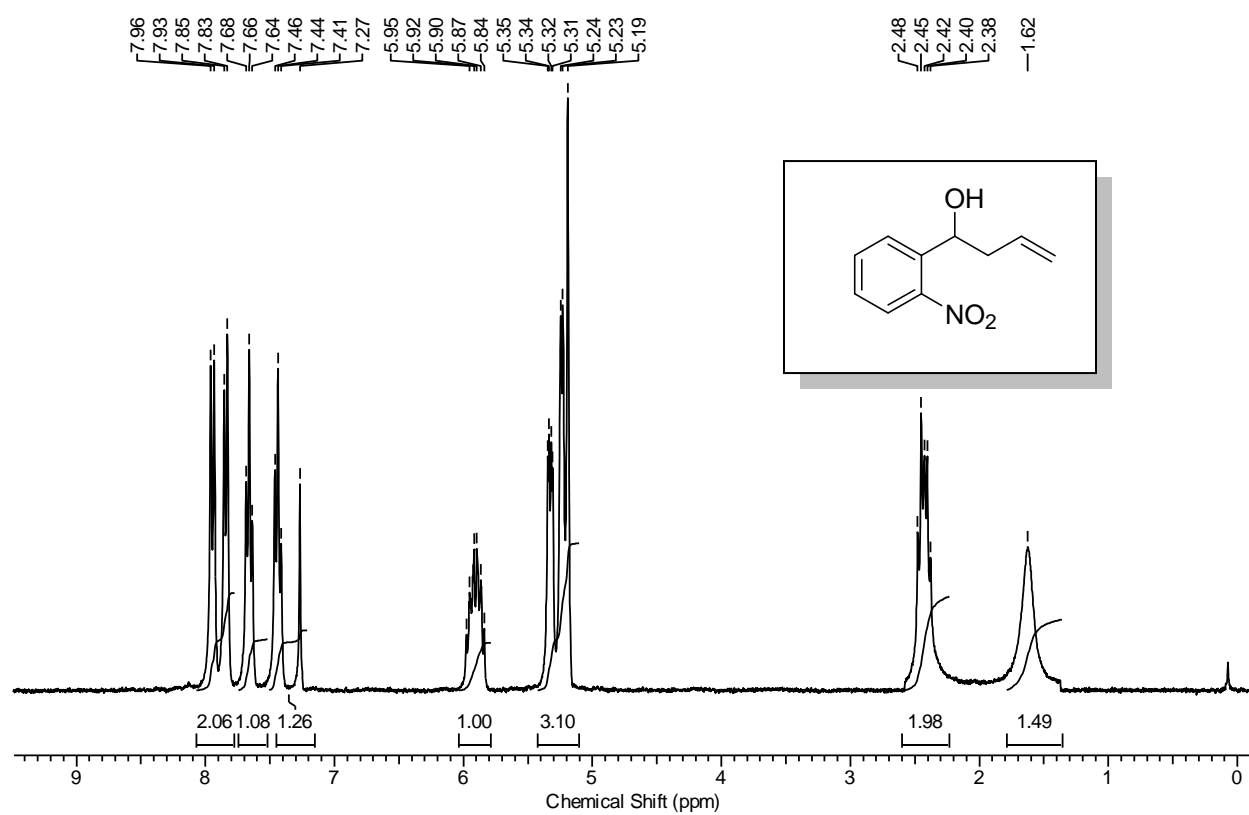


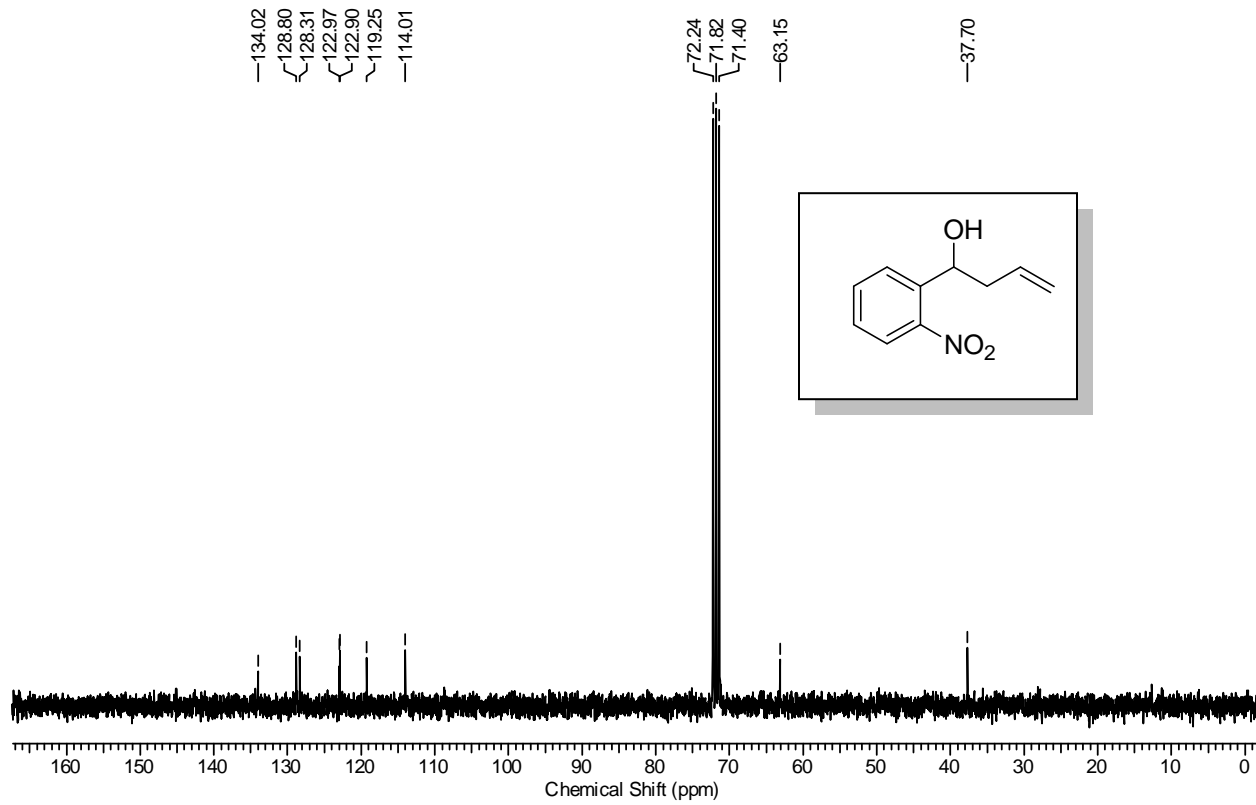
1-(4-Nitrophenyl)but-3-en-1-ol (3h)





1-(2-Nitrophenyl)but-3-en-1-ol (3i)





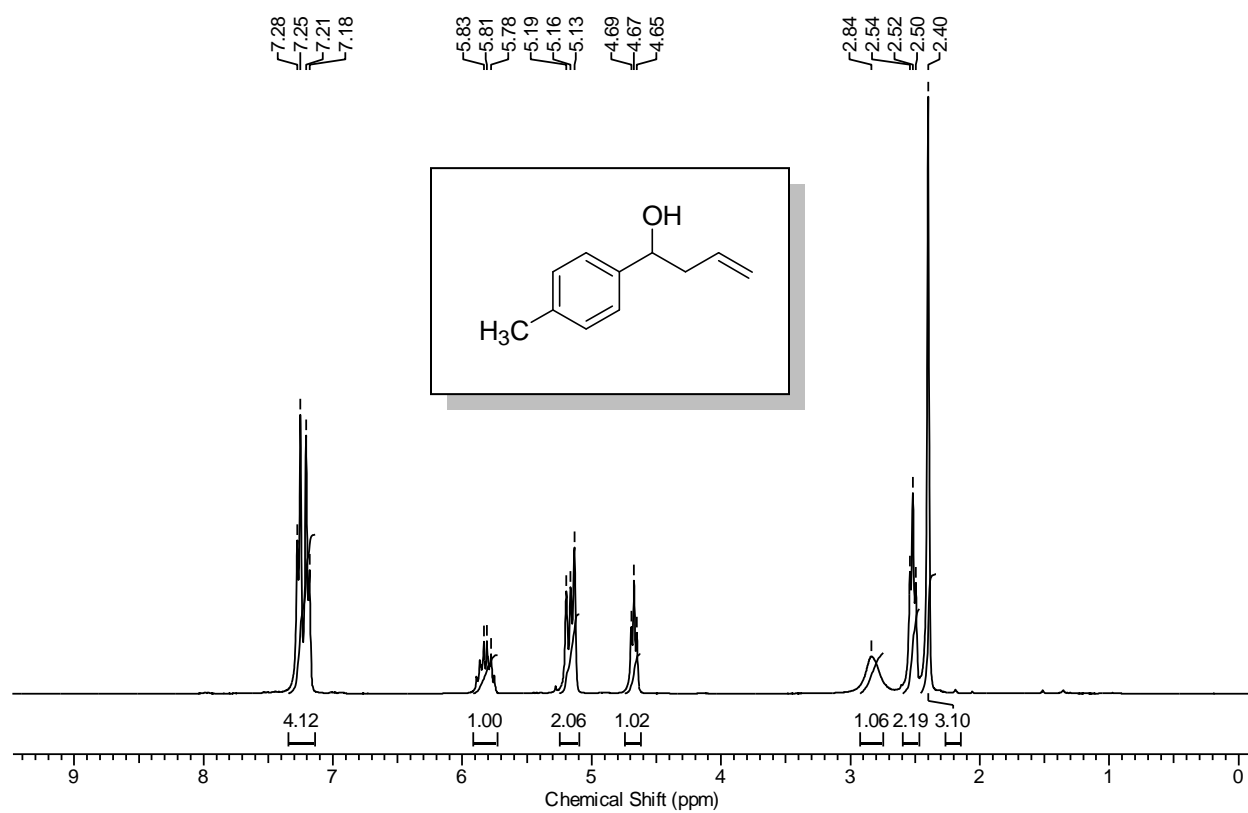
134.02
128.80
128.31
122.97
122.90
119.25
114.01

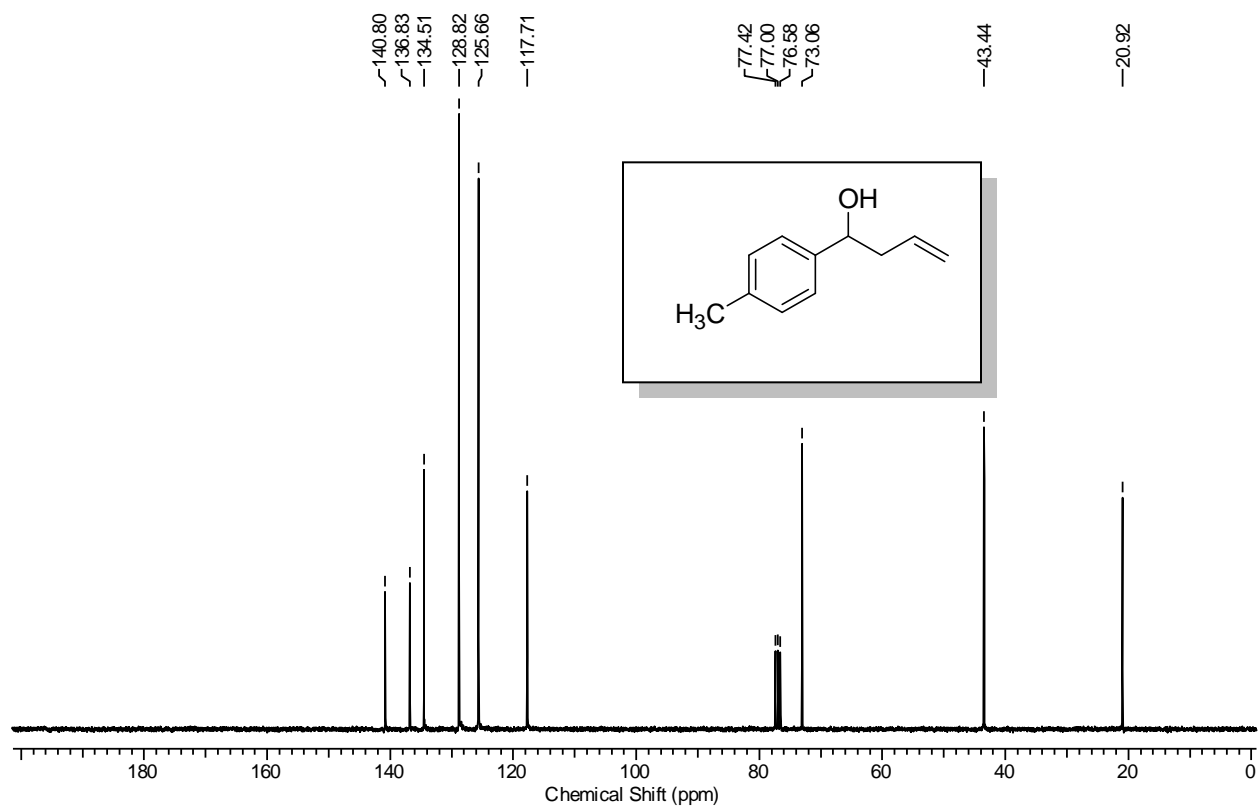
72.24
71.82
71.40
63.15

37.70

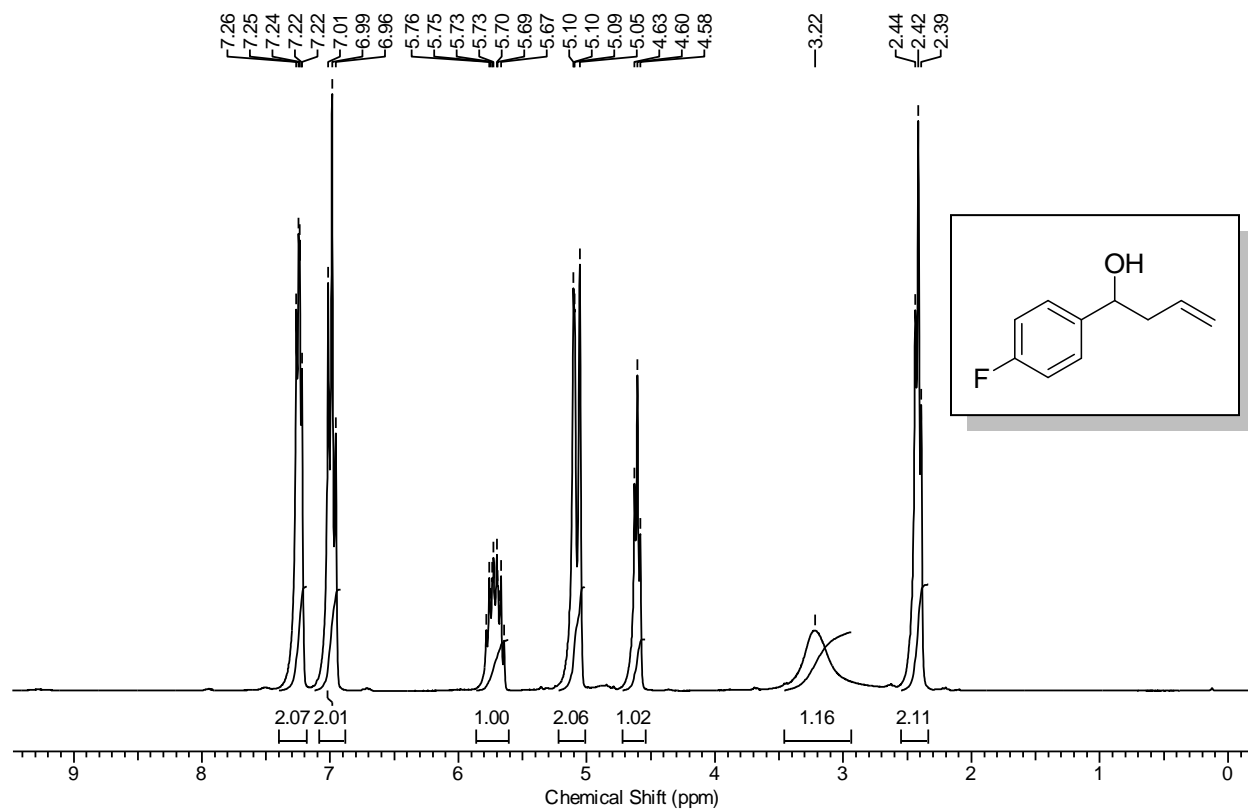
Chemical Shift (ppm)

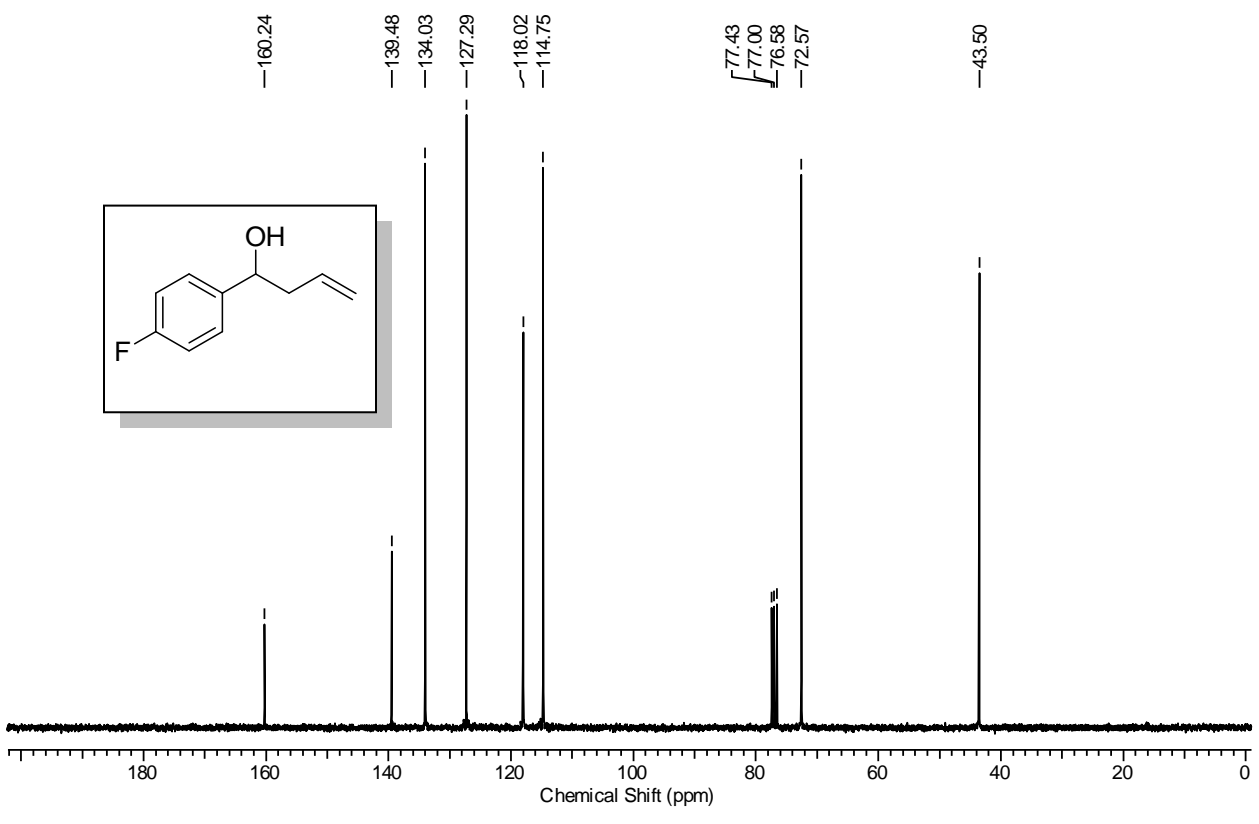
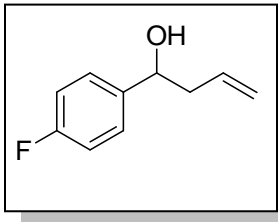
1-(4-Methylphenyl)but-3-en-1-ol(3j)



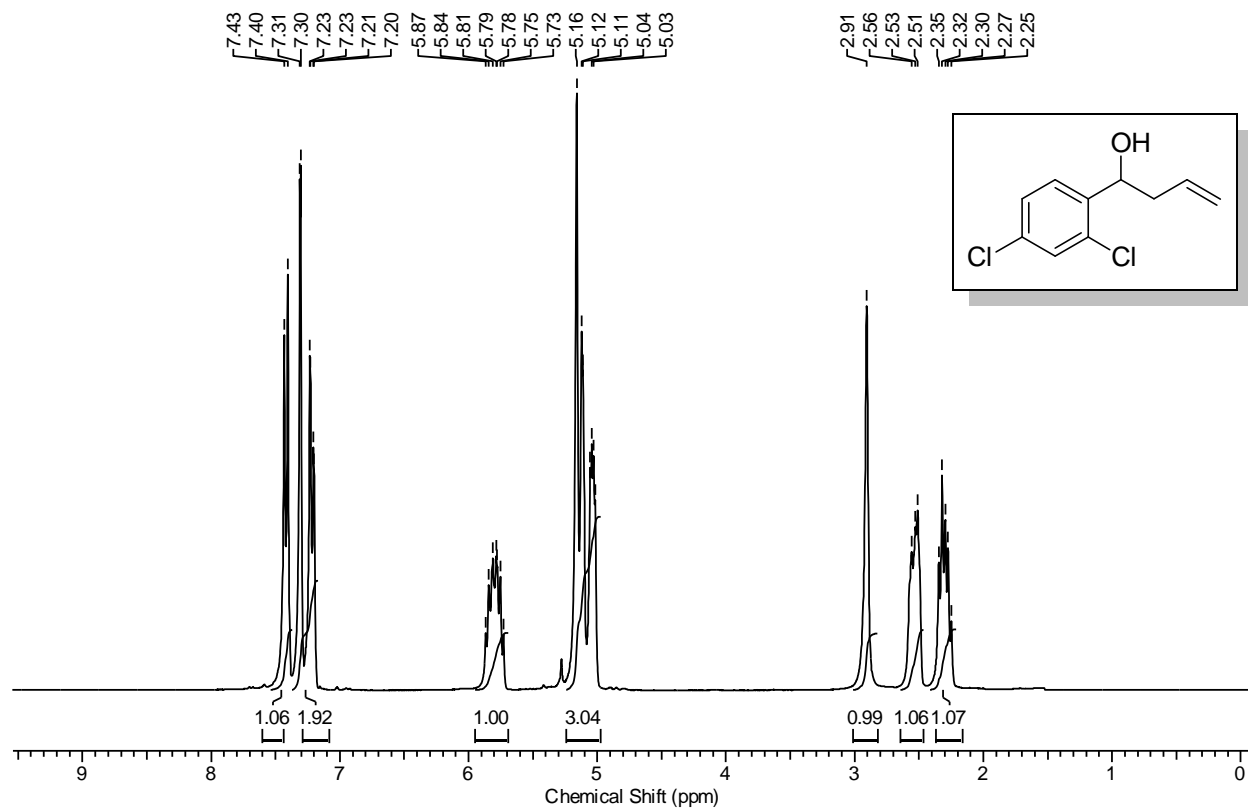


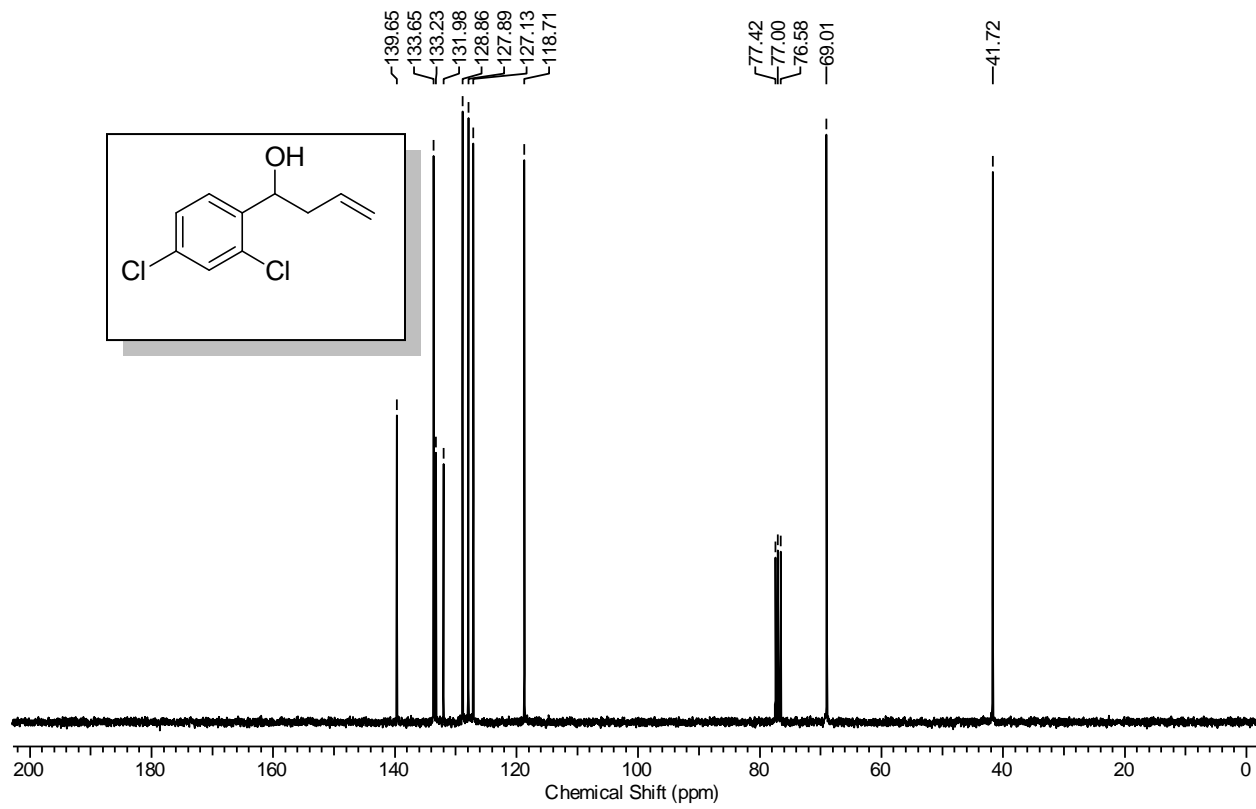
1-(4-Fluorophenyl)but-3-en-1-ol (3k)



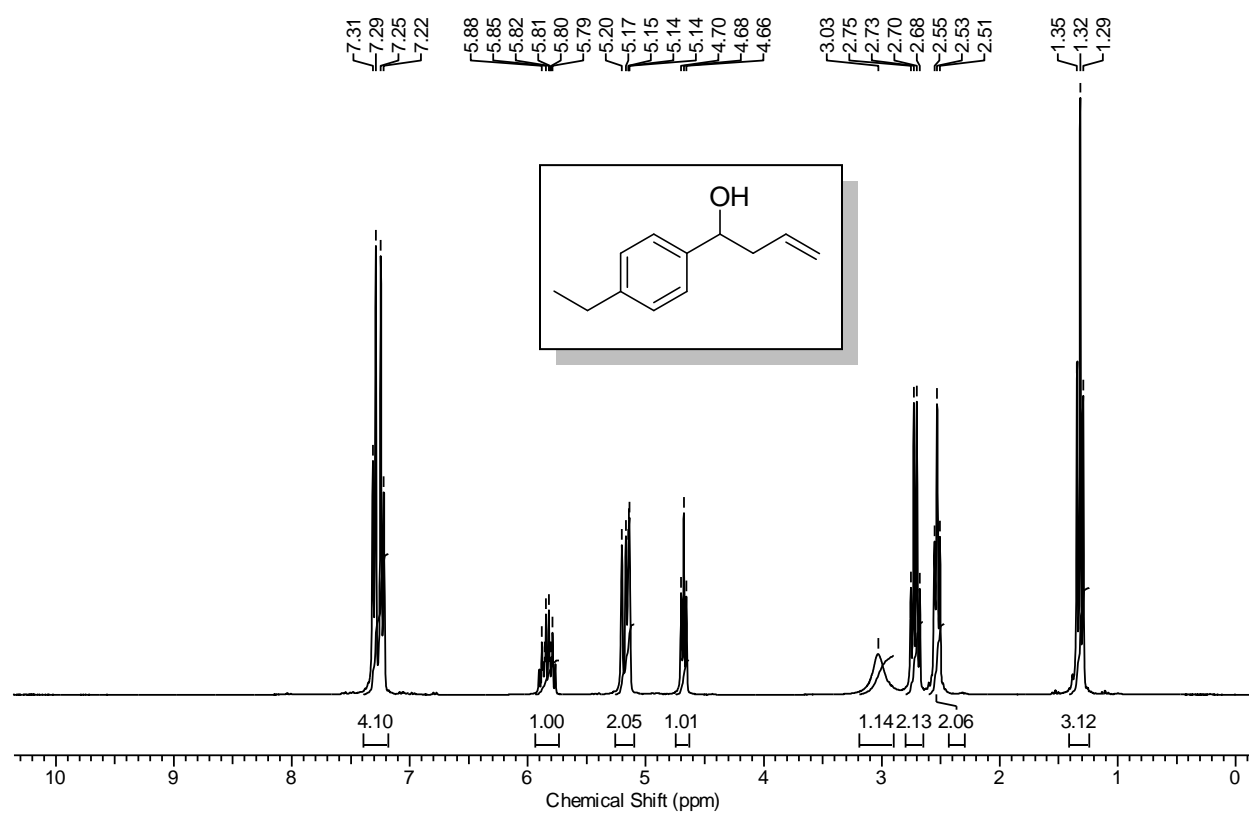


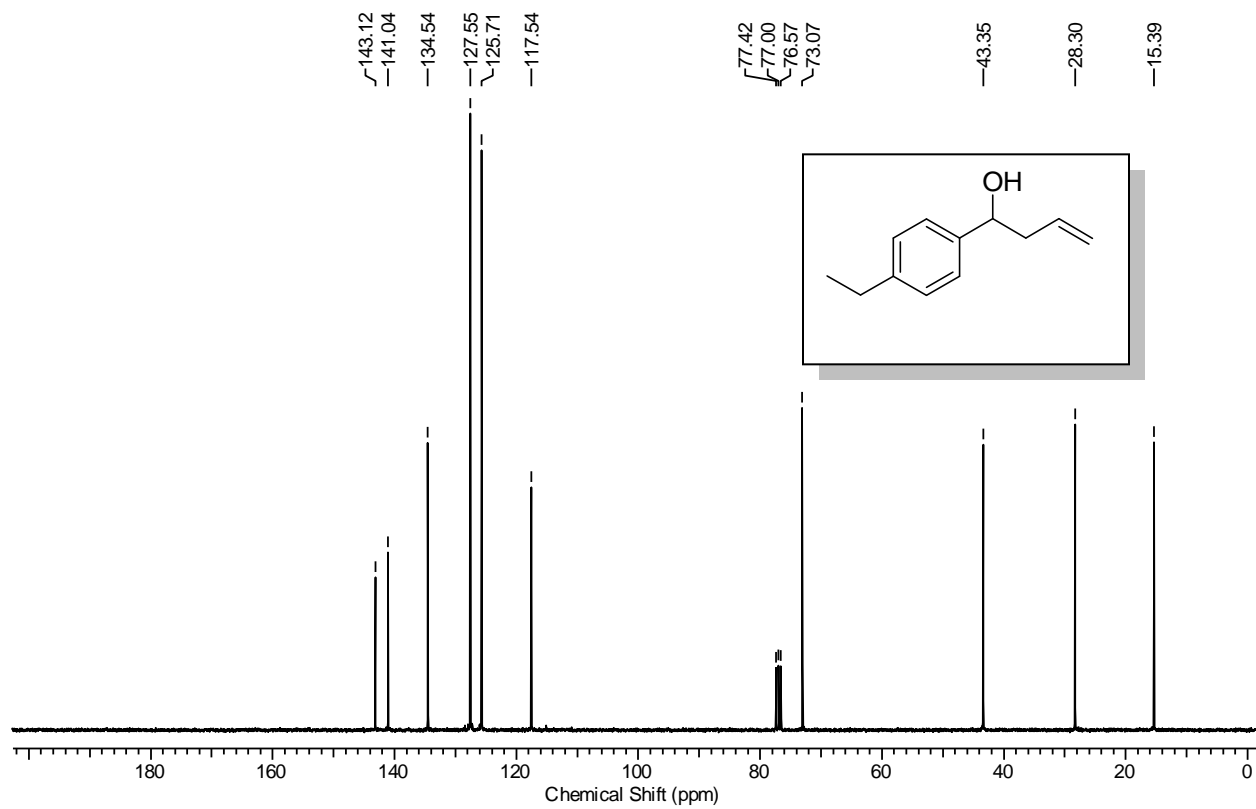
1-(2,4-Dichlorophenyl)but-3-en-1-ol (3I)



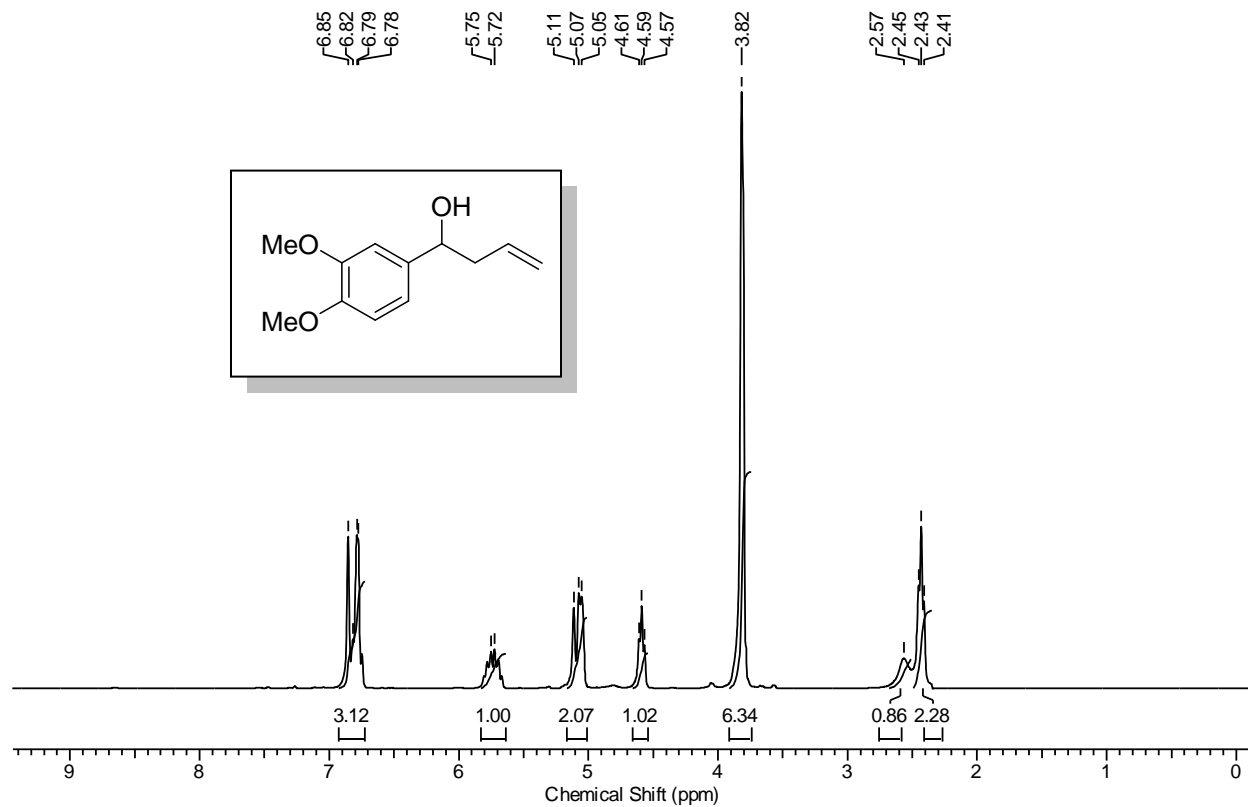


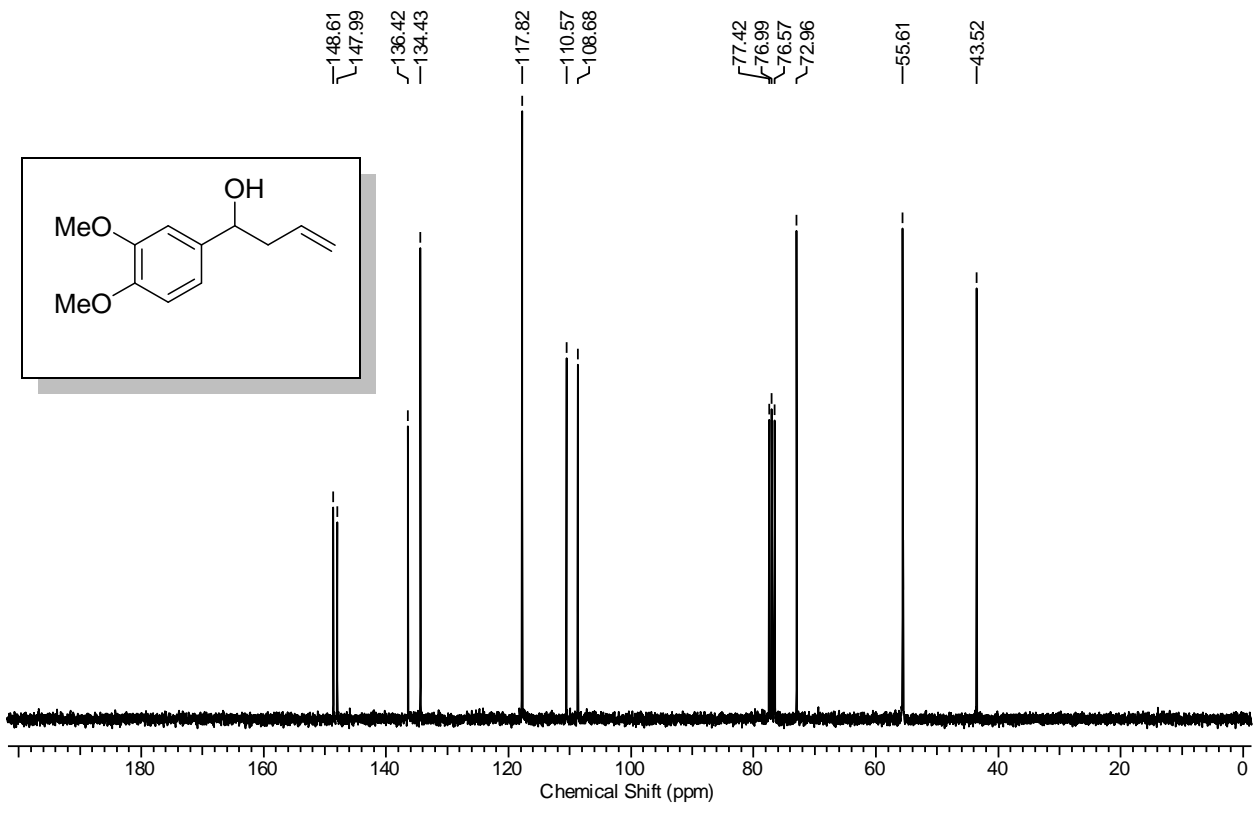
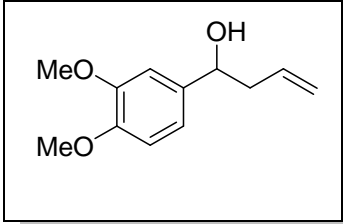
1-(4-Ethylphenyl)but-3-en-1-ol (3m)



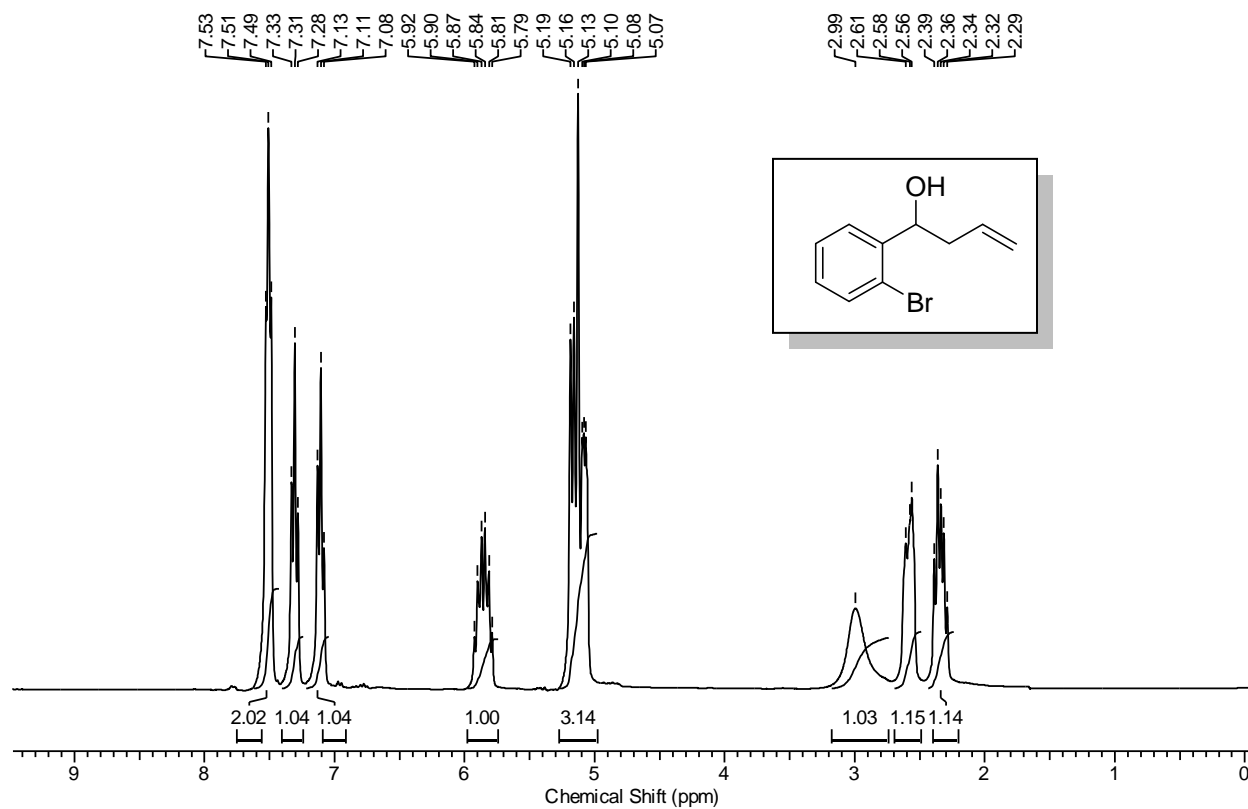


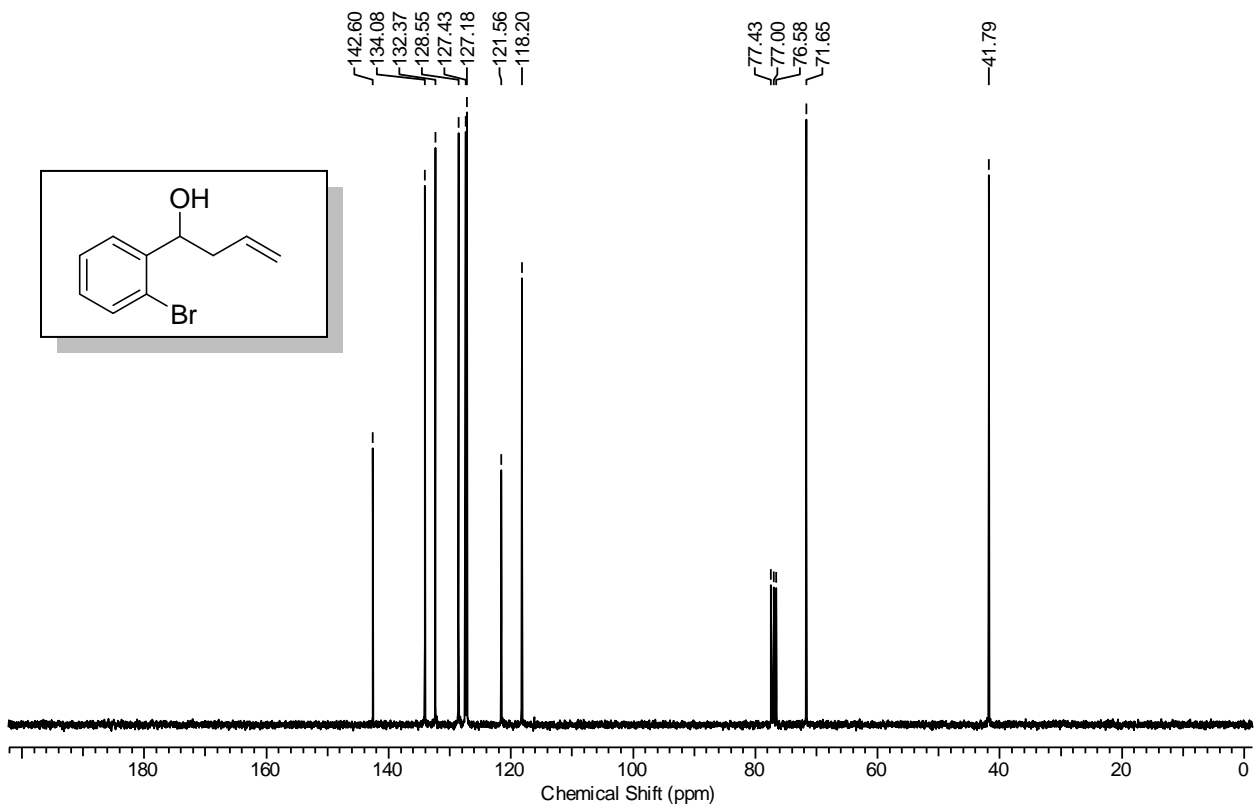
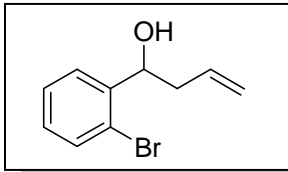
1-(3,4-Dimethoxyphenyl)but-3-en-1-ol (3n)



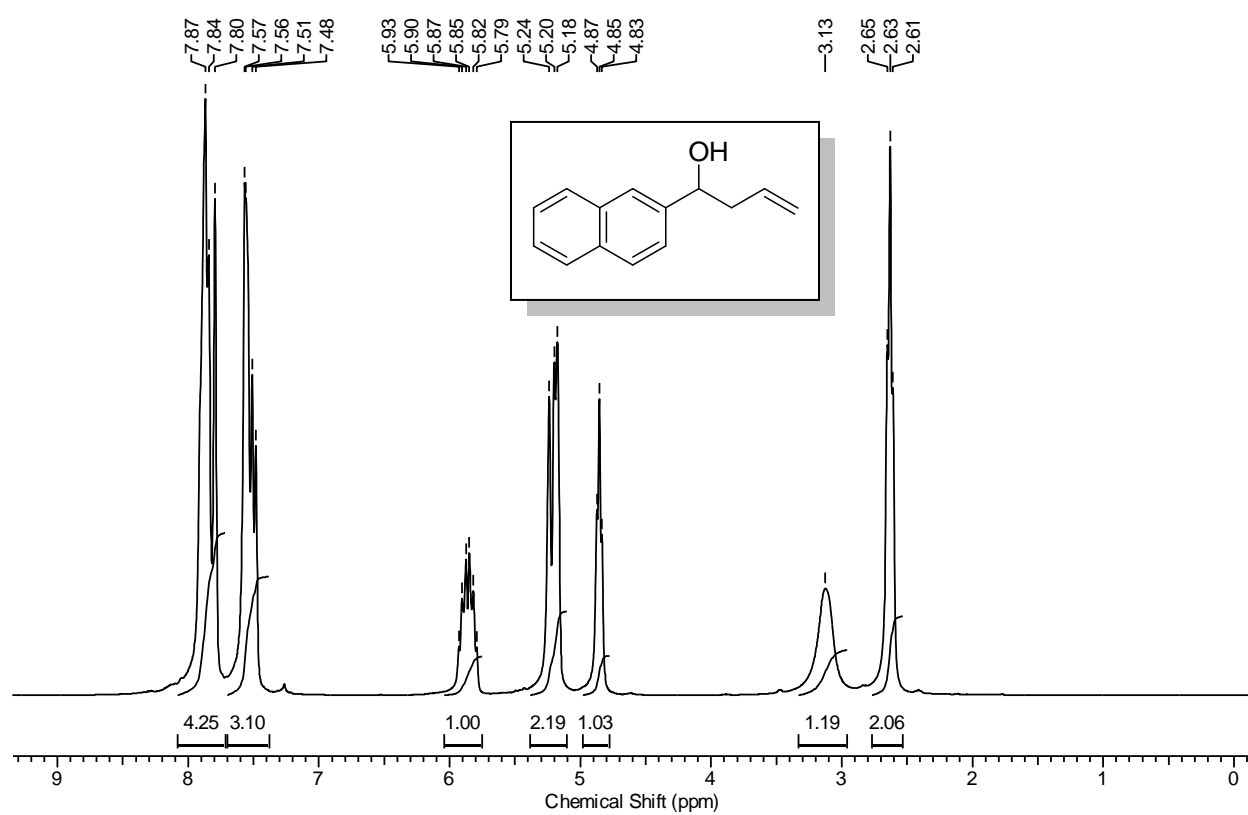


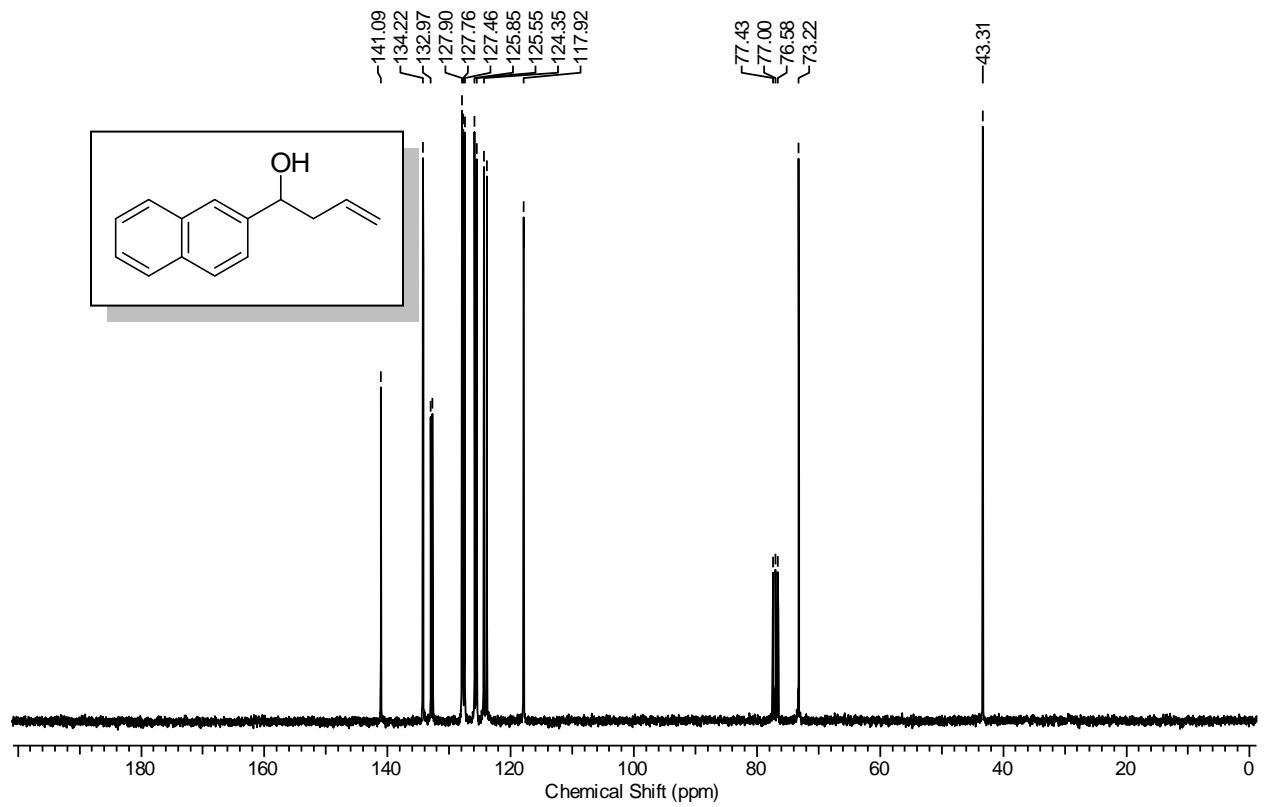
1-(2-Bromophenyl)but-3-en-1-ol (3o)



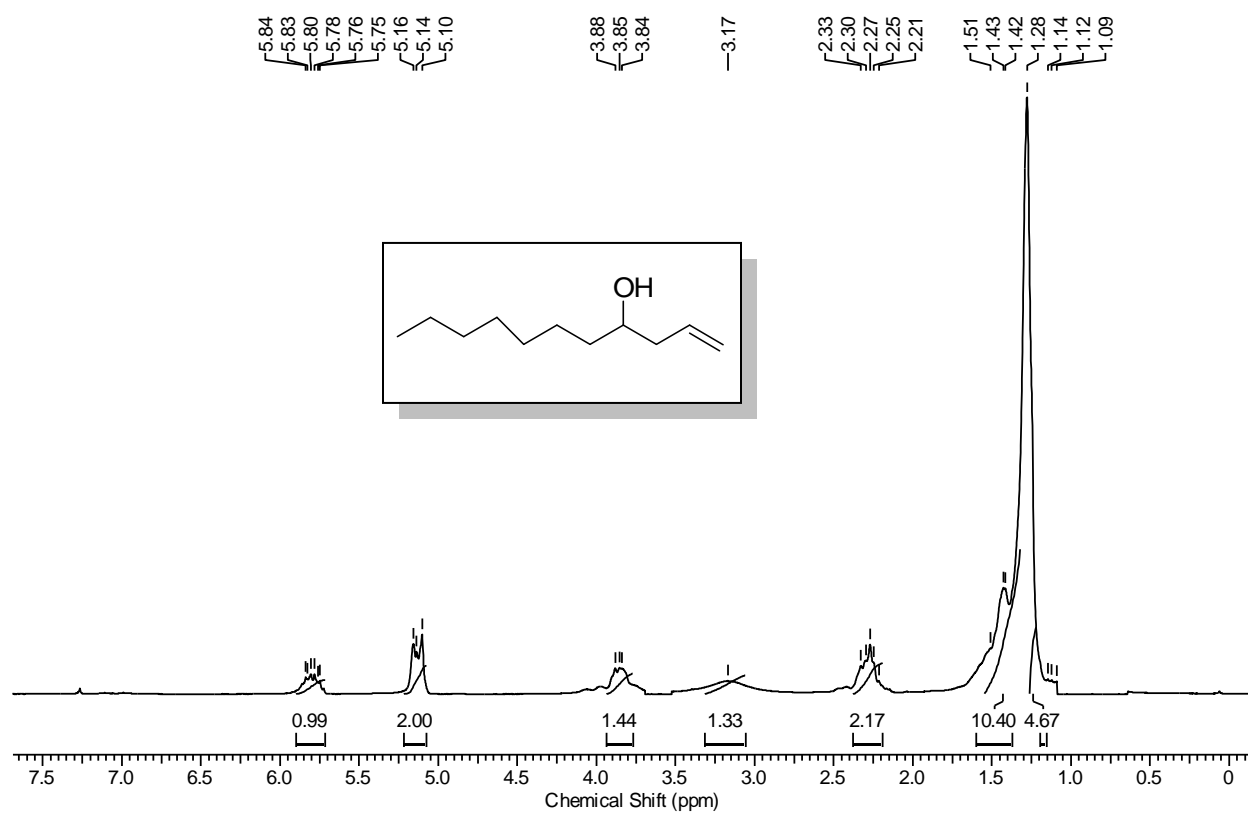


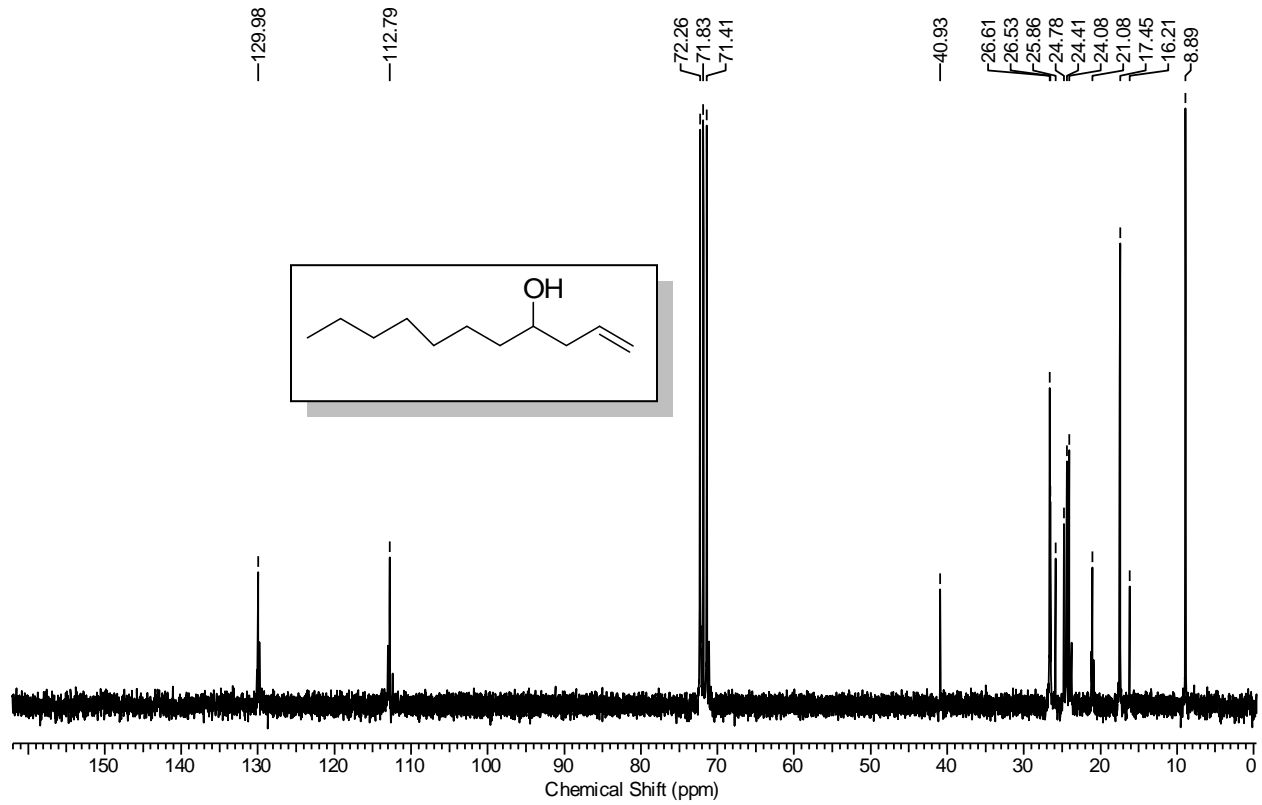
1-(Naphthalen-2-yl)but-3-en-1-ol (3p)



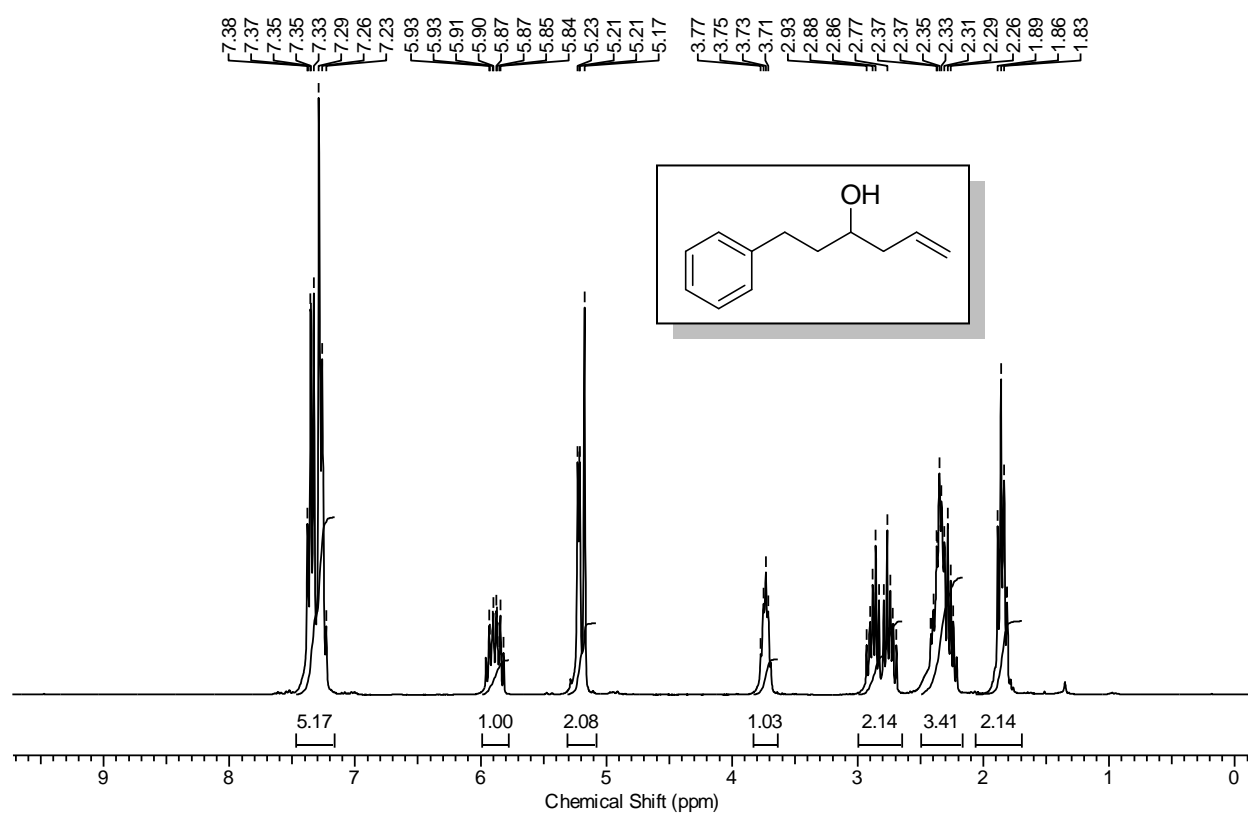


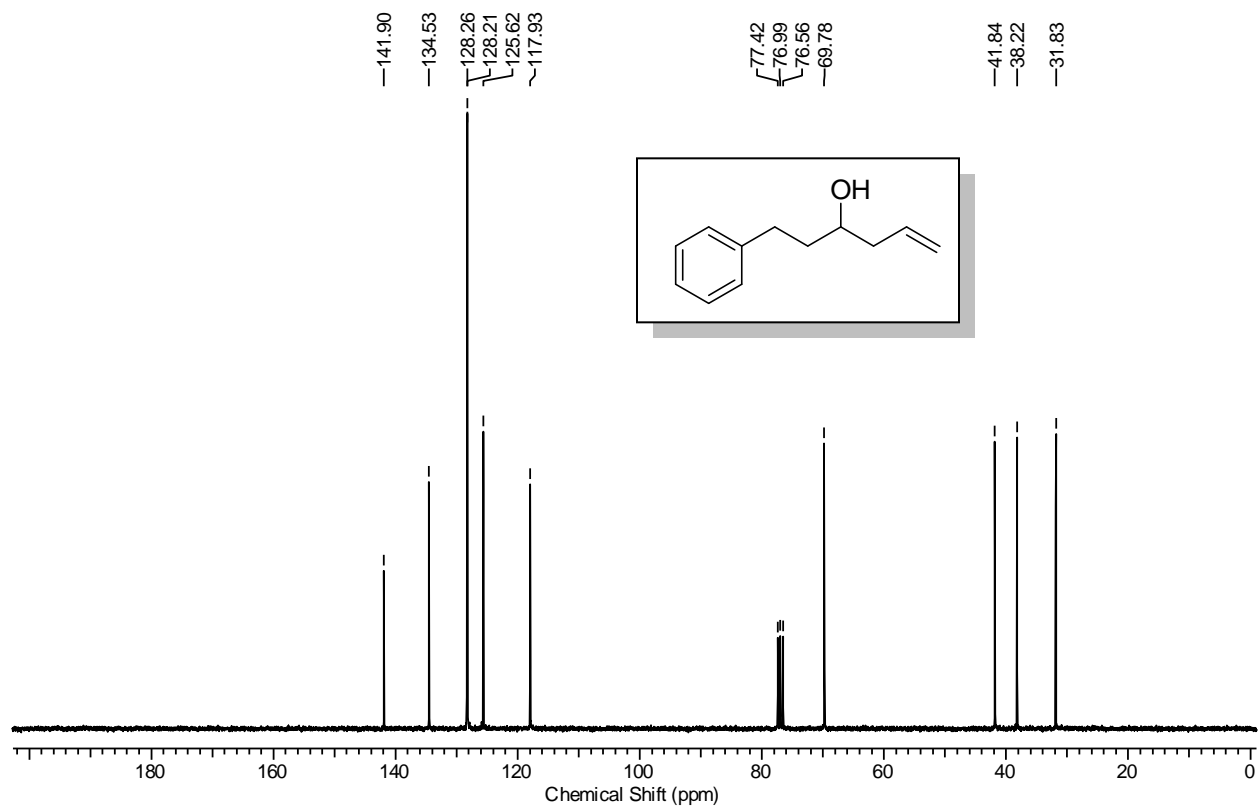
Undec-1-en-4-ol (3q)



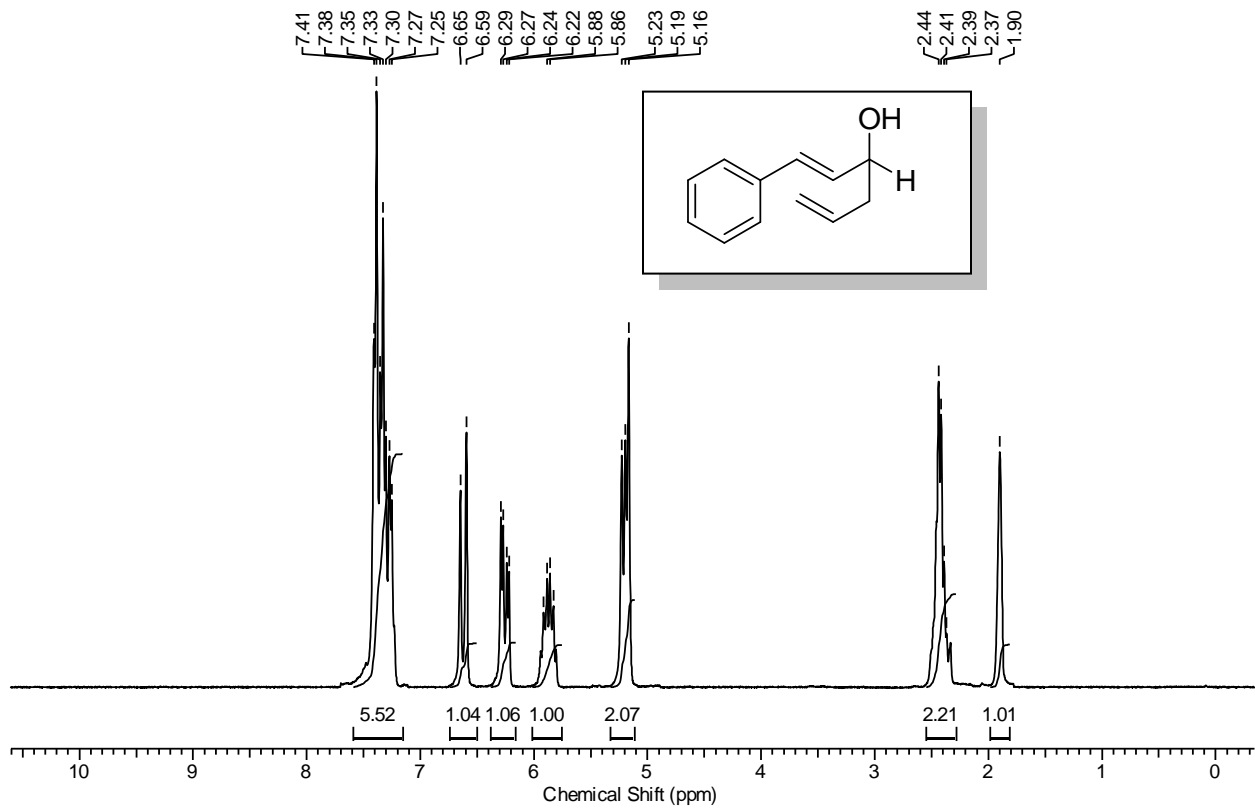


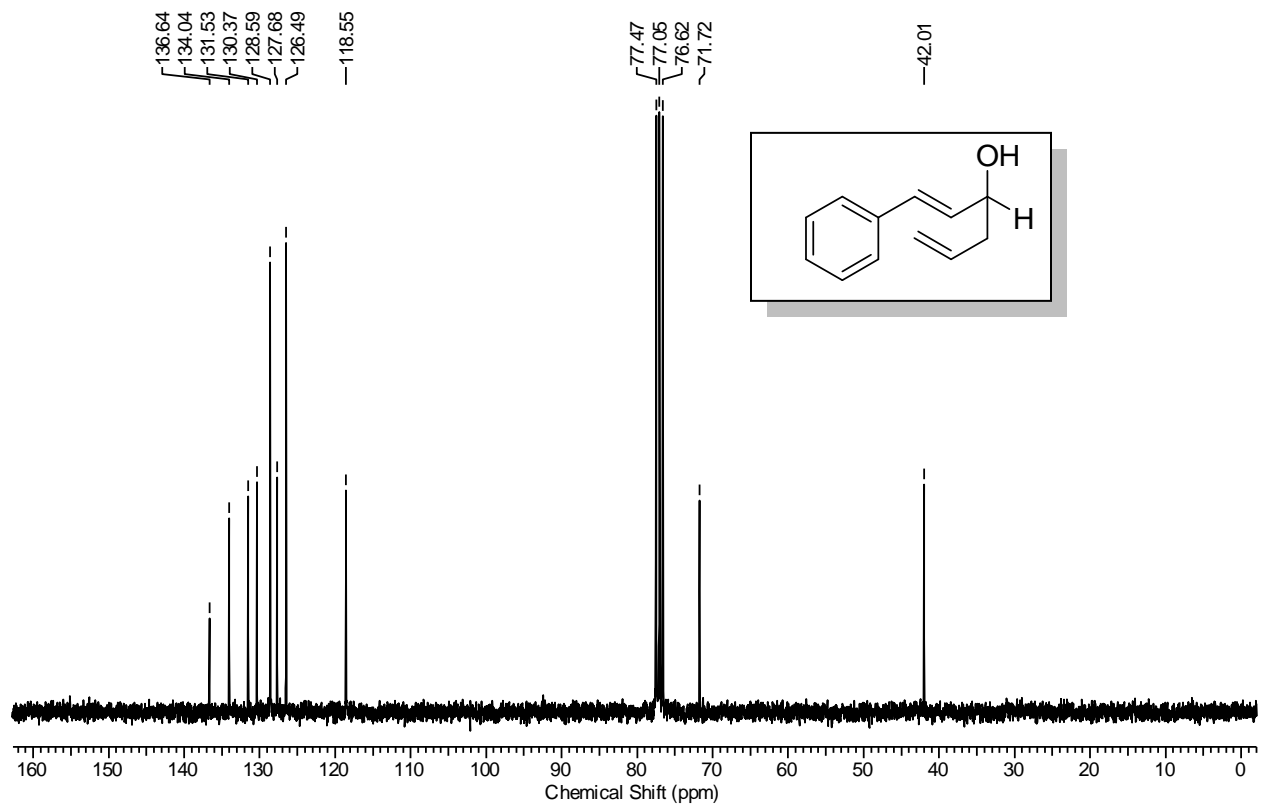
1-Phenylhex-5-en-3-ol (3r)



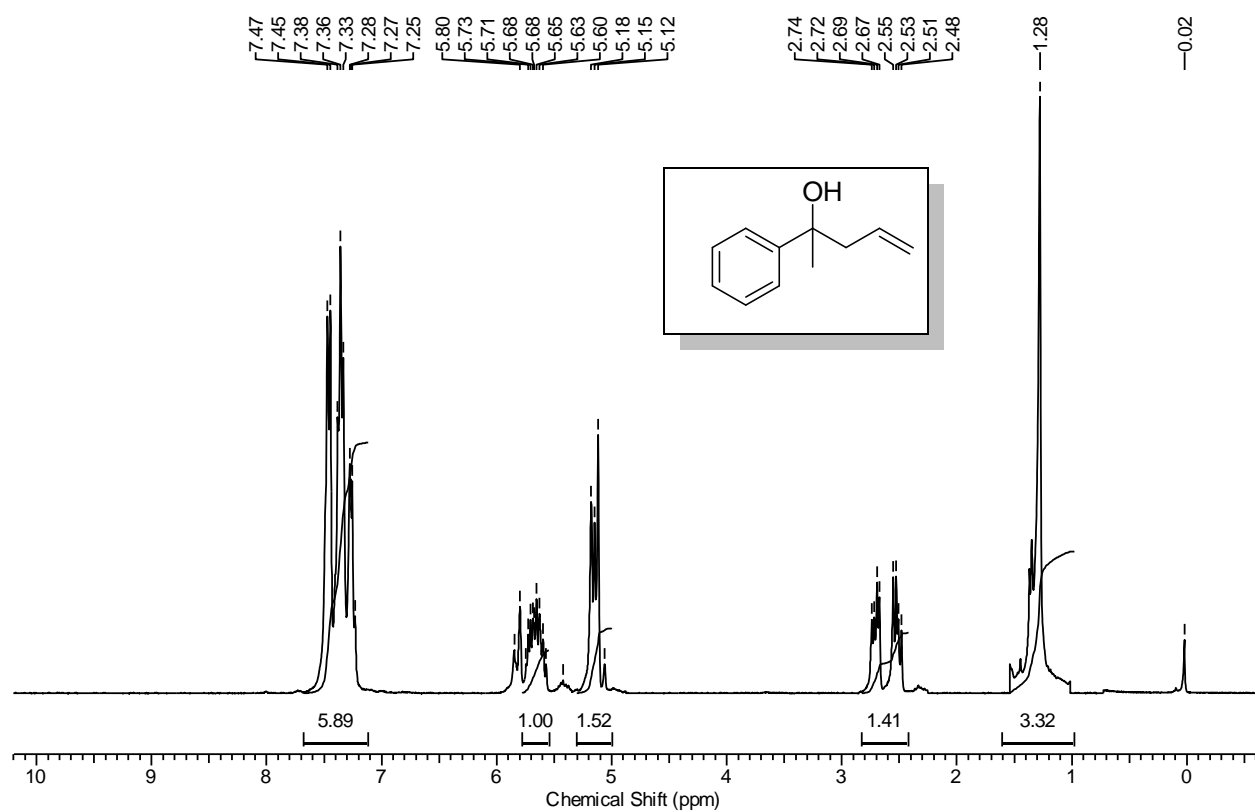


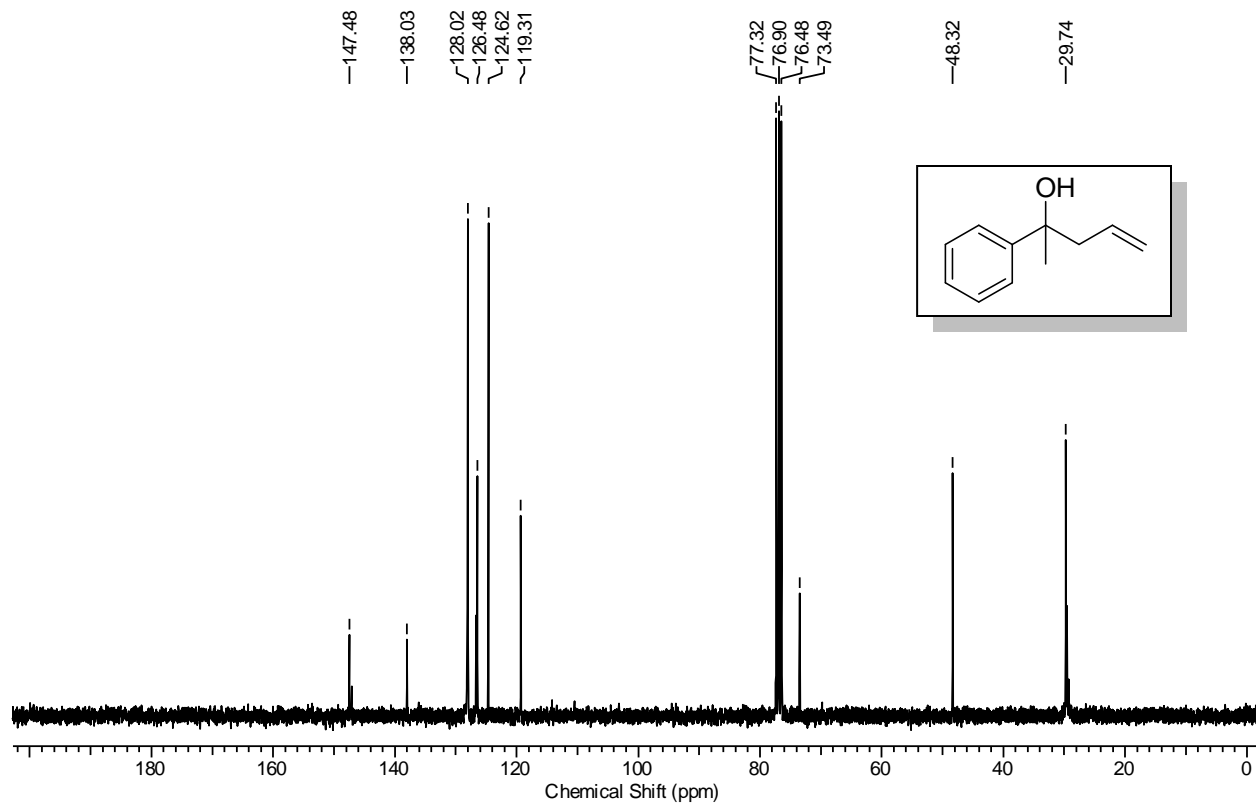
1-Phenyl-hexa-1,5-dien-3-ol (3s)



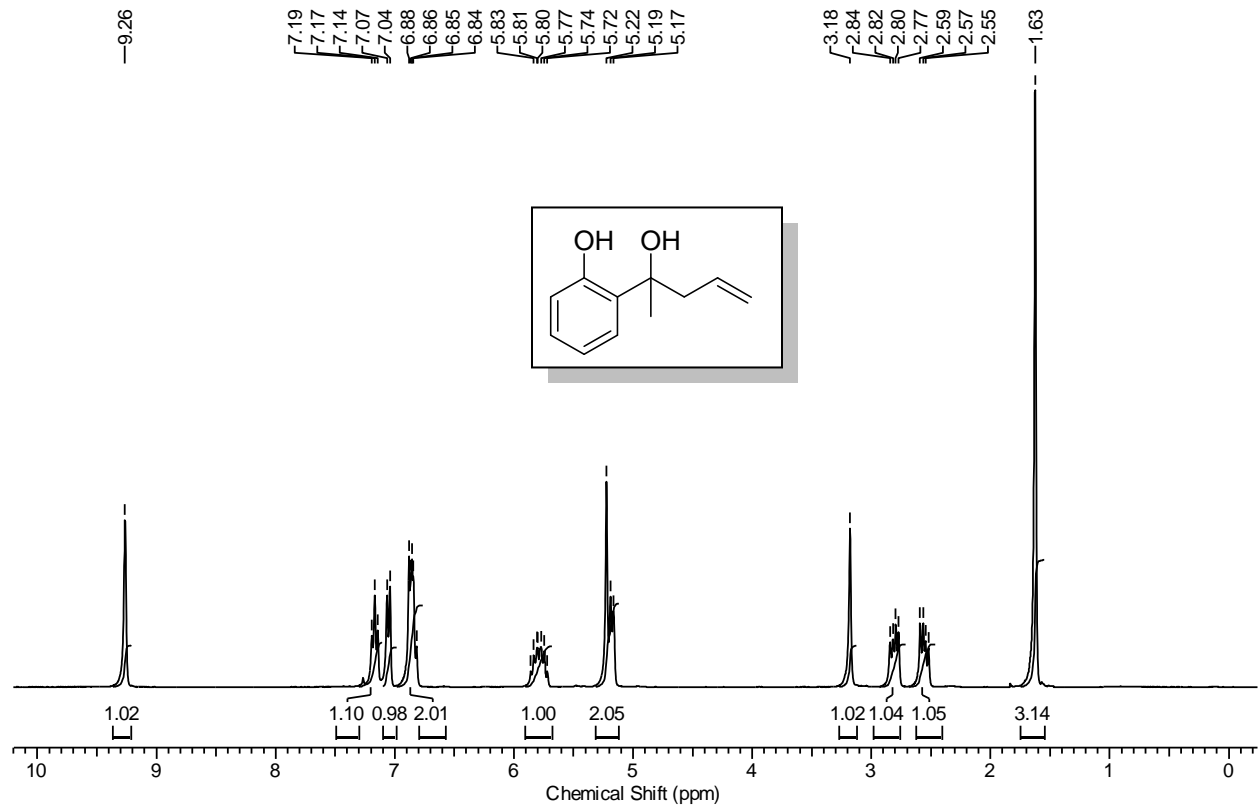


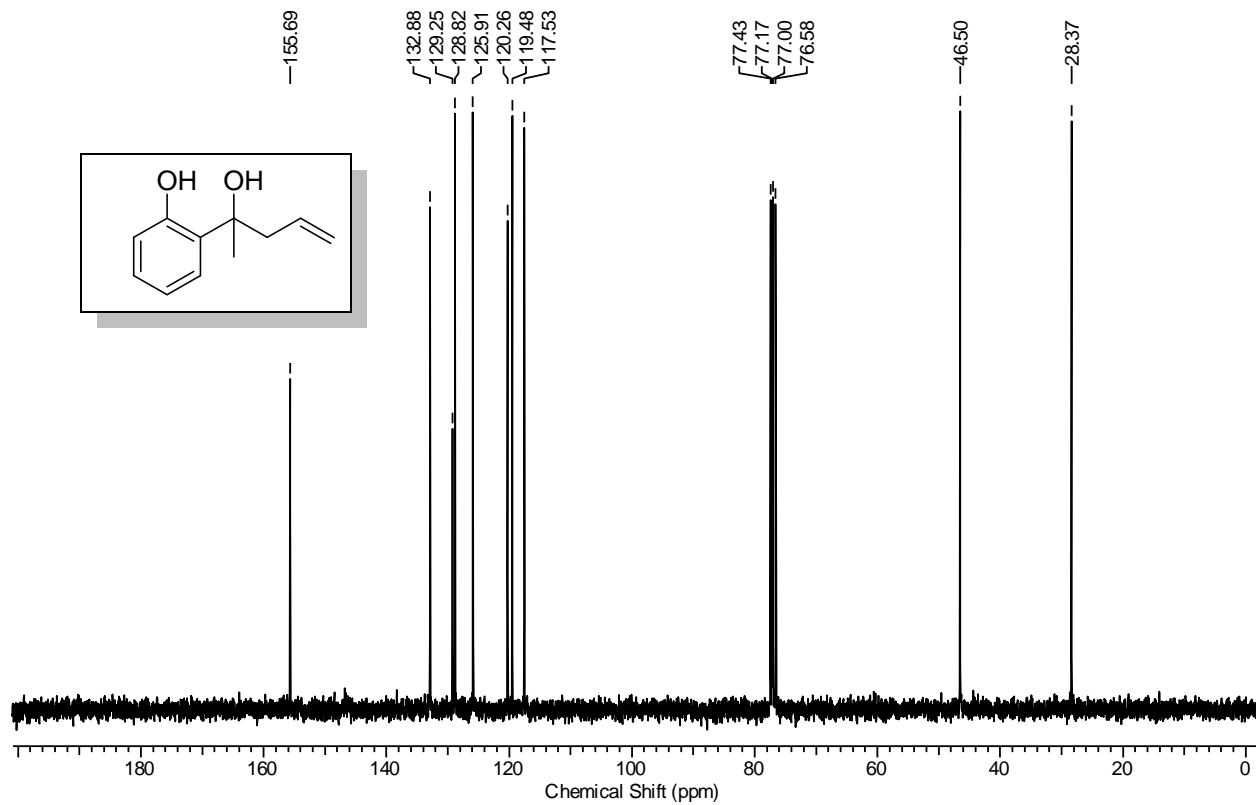
1-phenyl-1-methylbut-3-en-1-ol (5a)



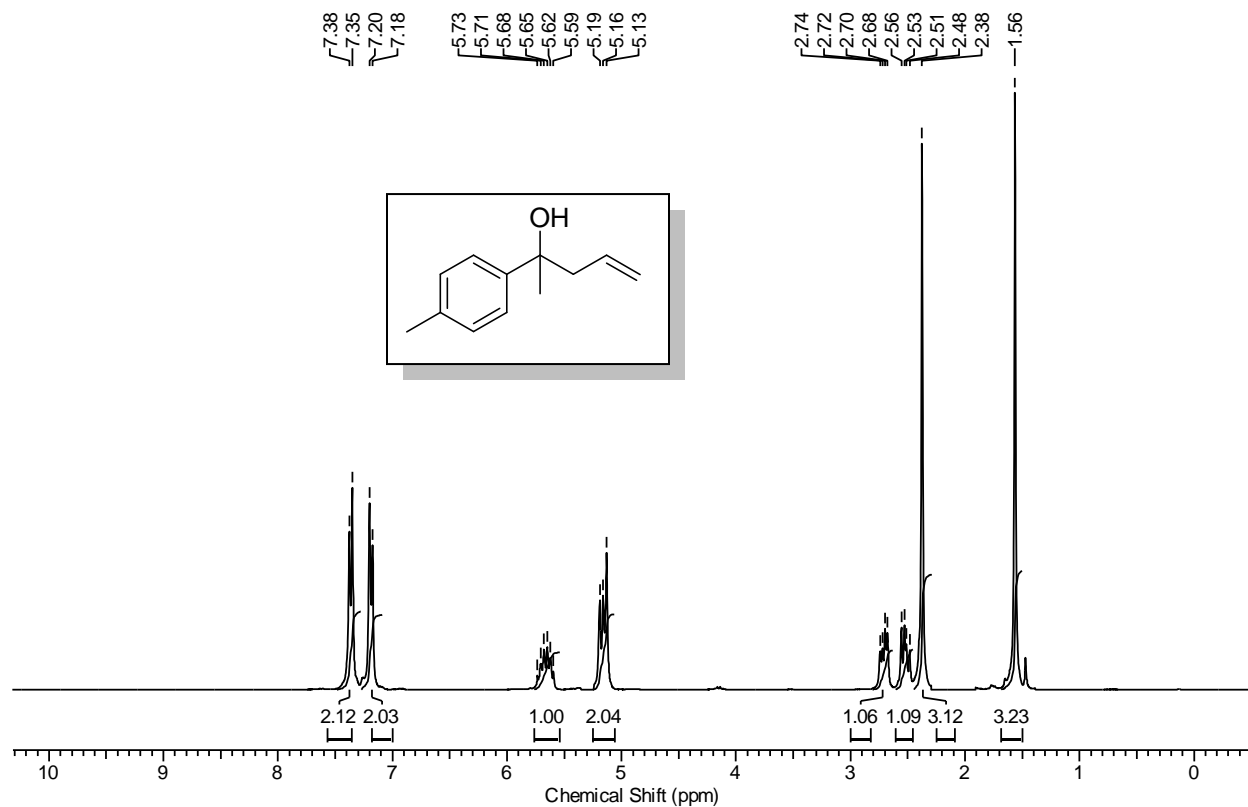


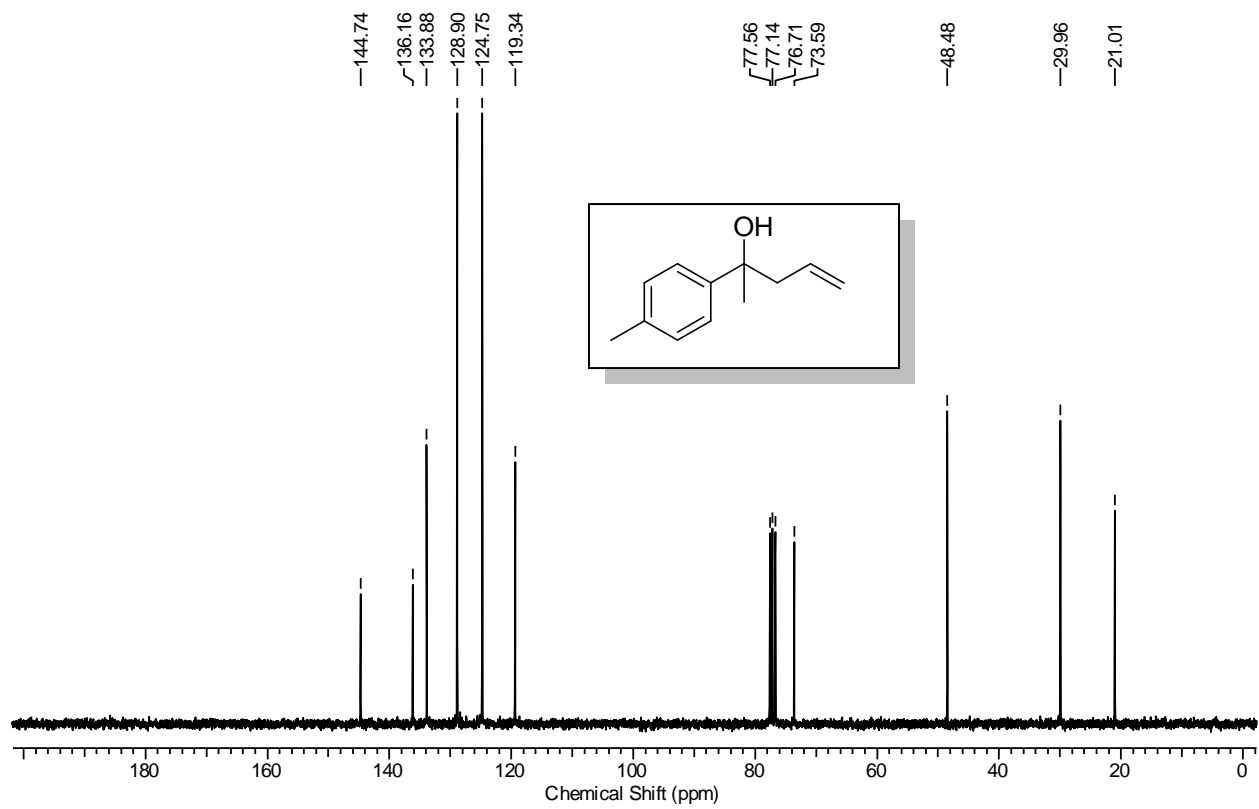
1-(o-Hydroxyphenyl)-1-methylbut-3-en-ol (5b)



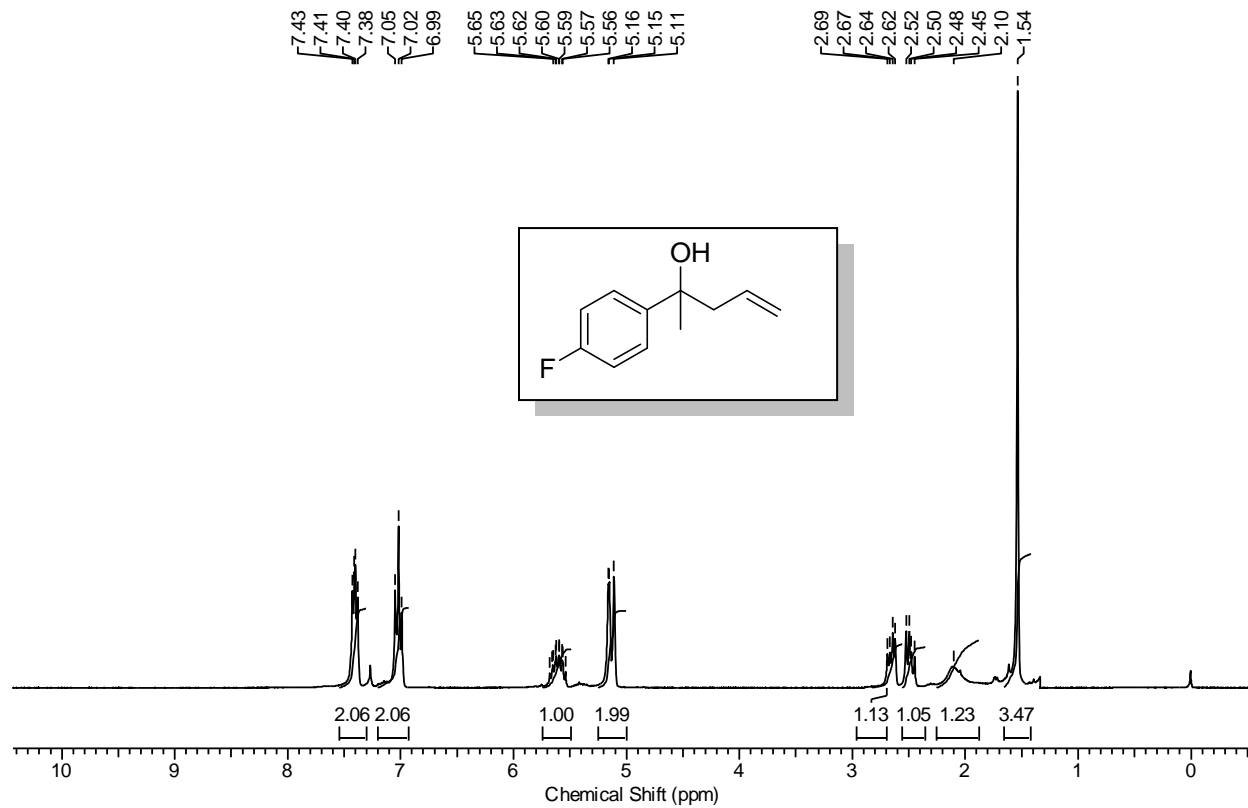


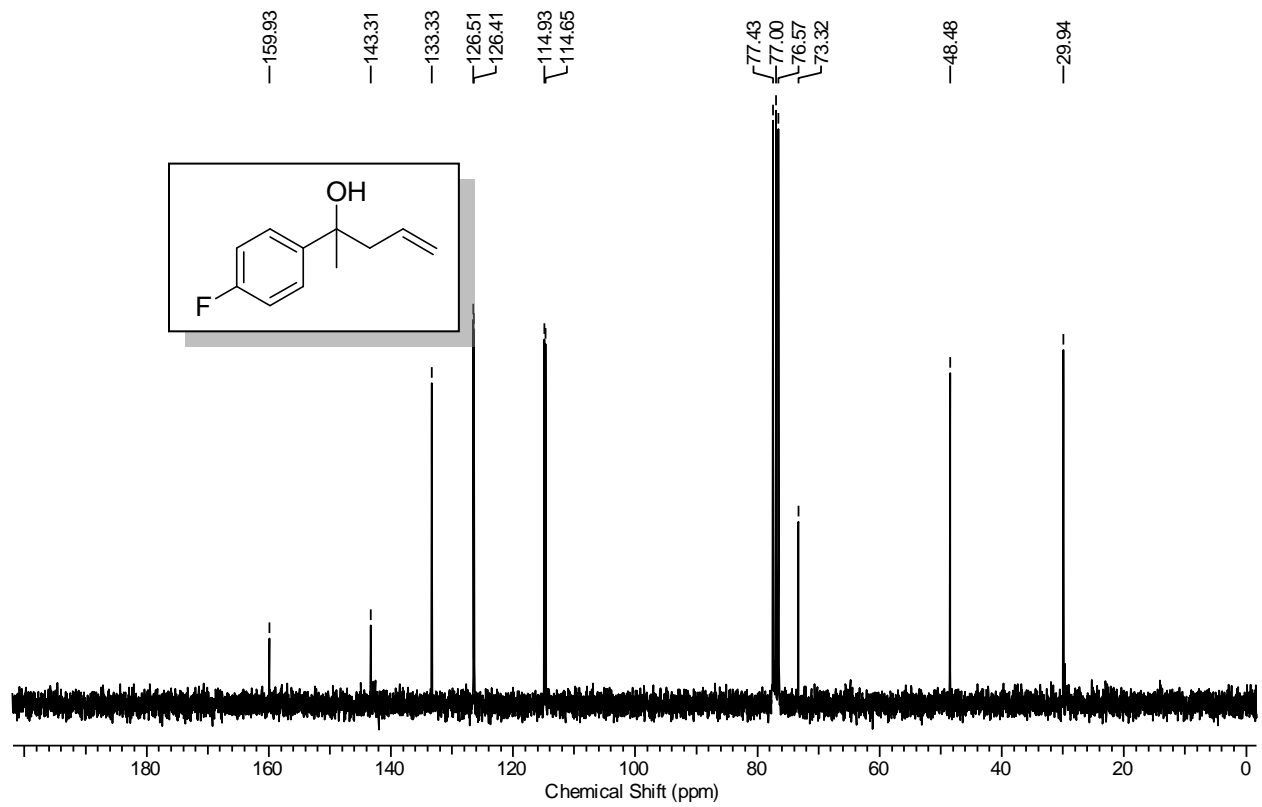
1-(p-Methylphenyl)-1-methylbut-3-en-1-ol (5c)



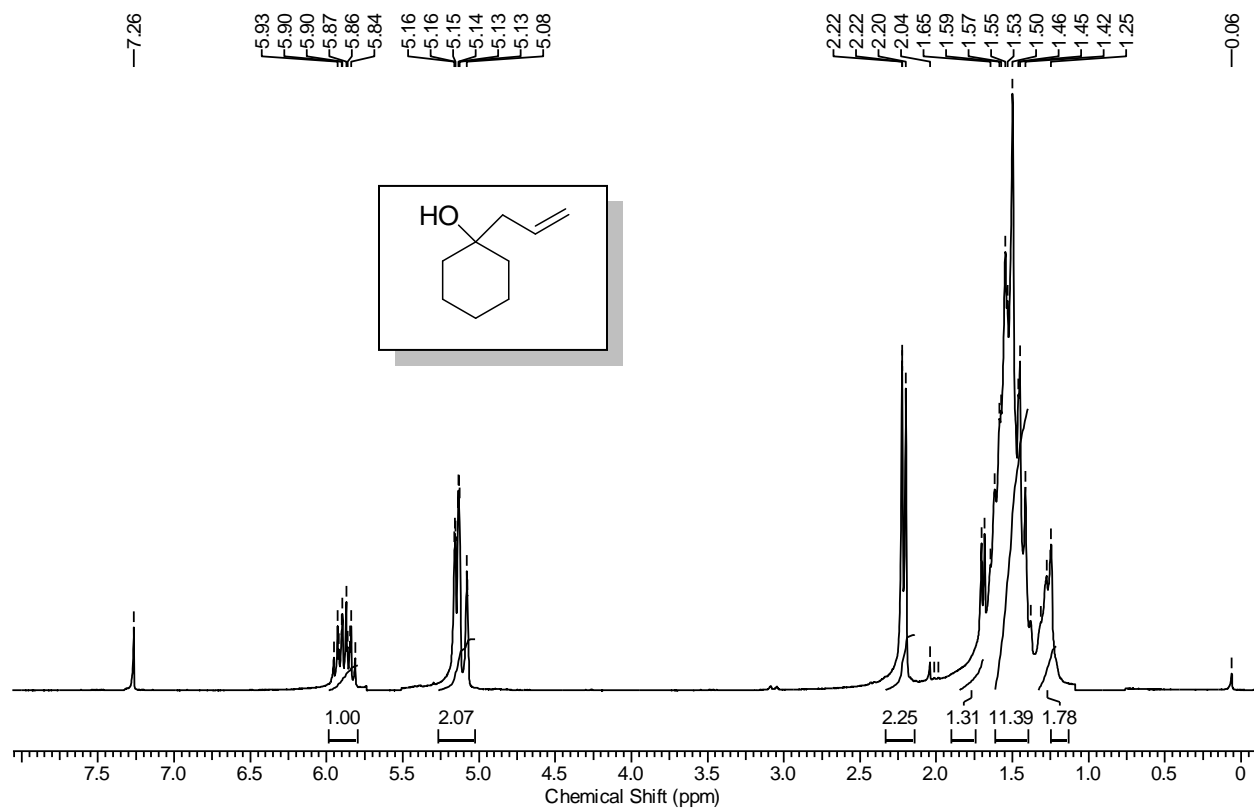


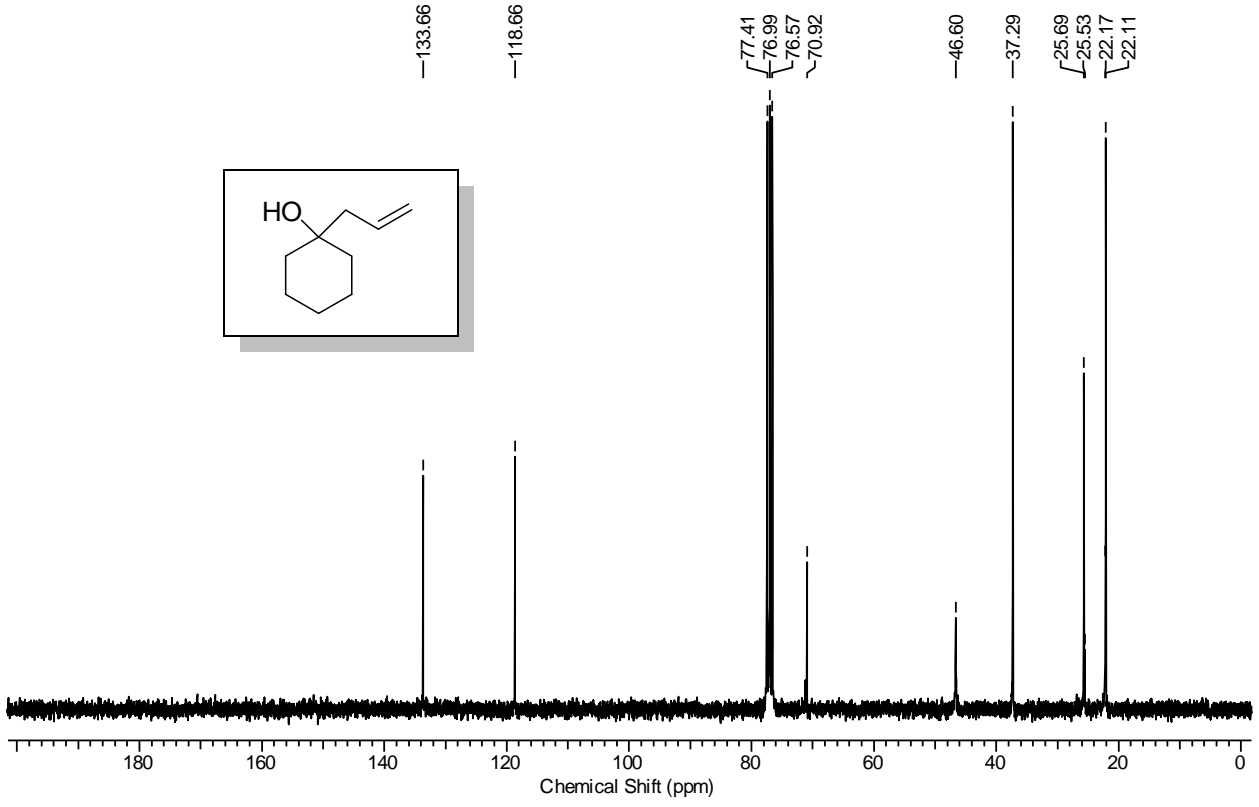
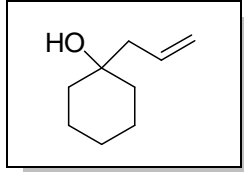
1-(p-Fluorophenyl)-1-methylbut-3-en-ol (5d)



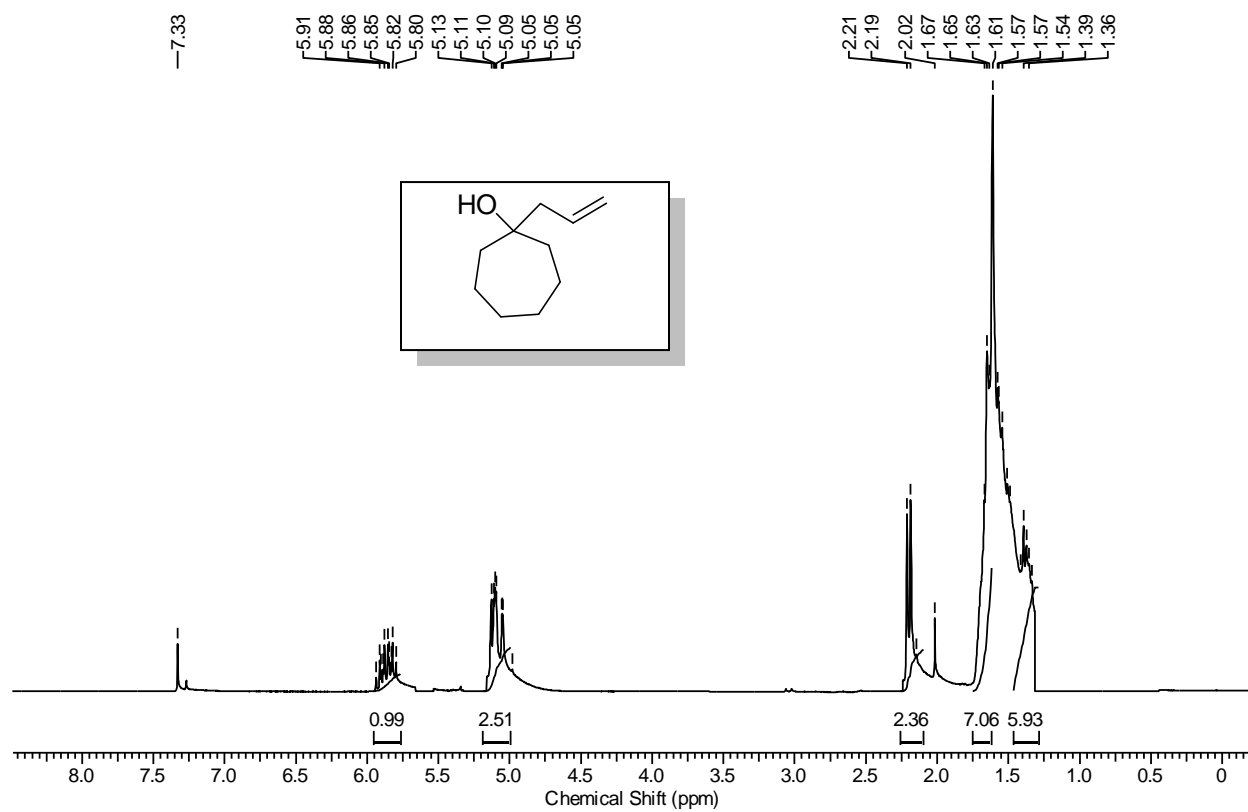


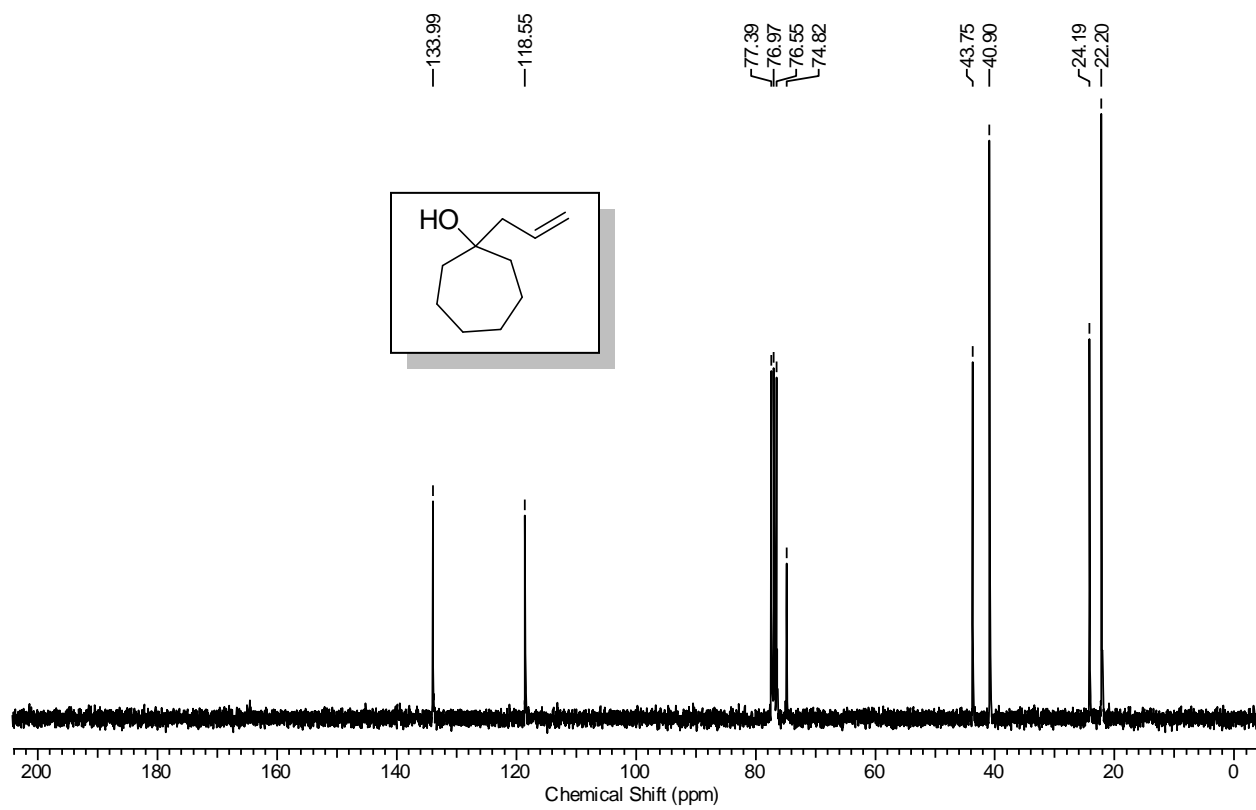
1-Cyclohexylbut-3-en-1-ol (5e)



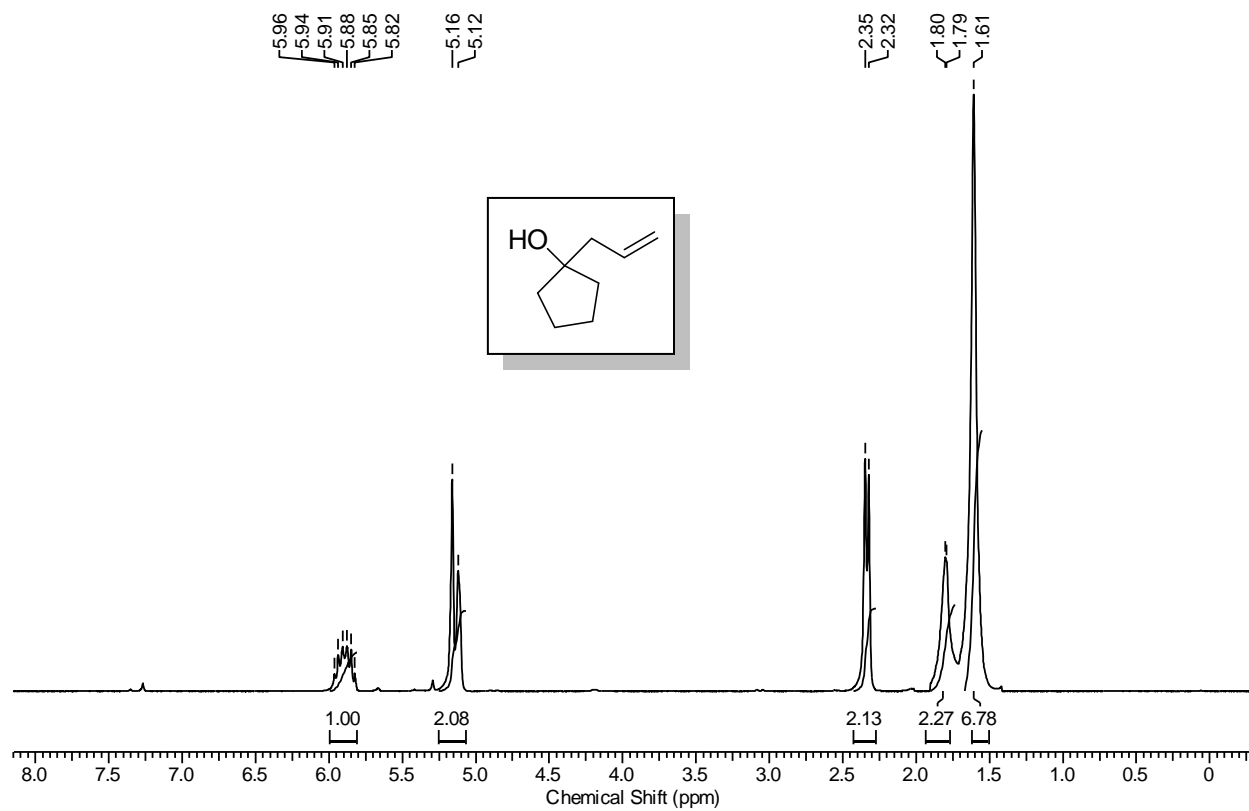


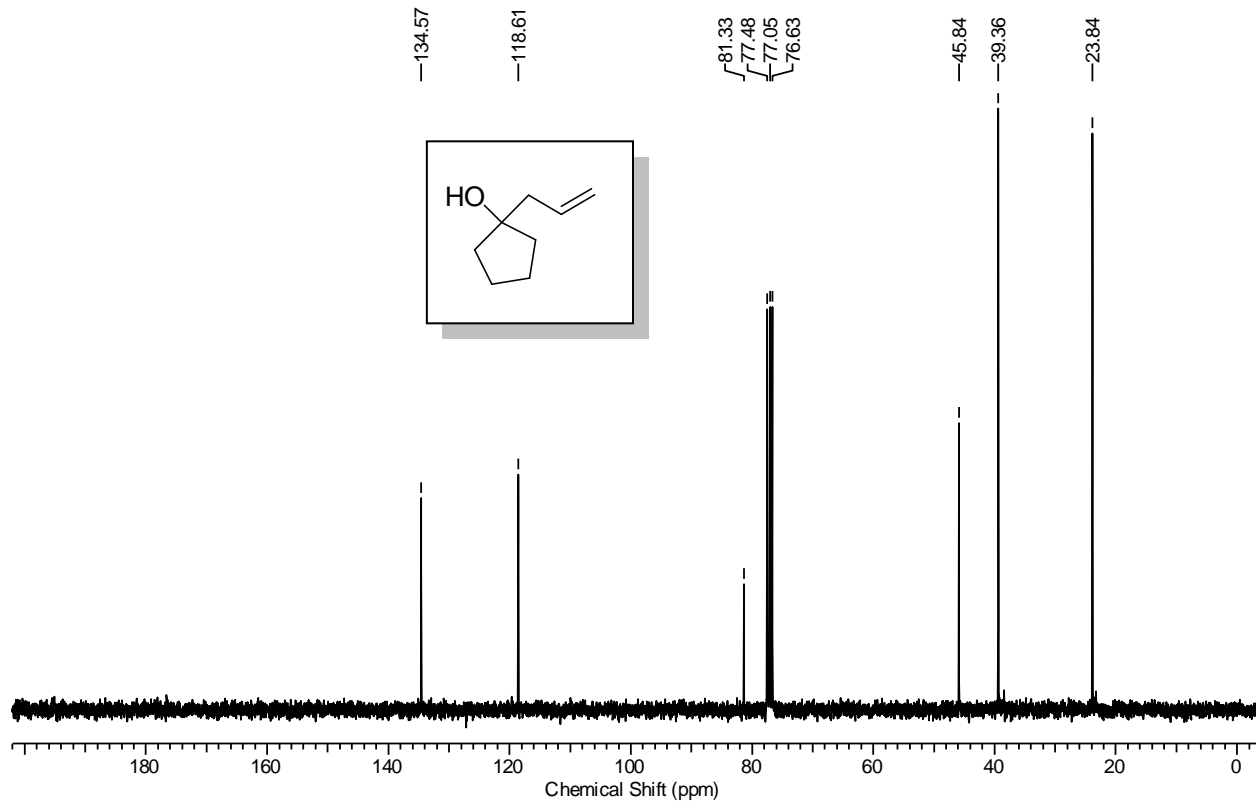
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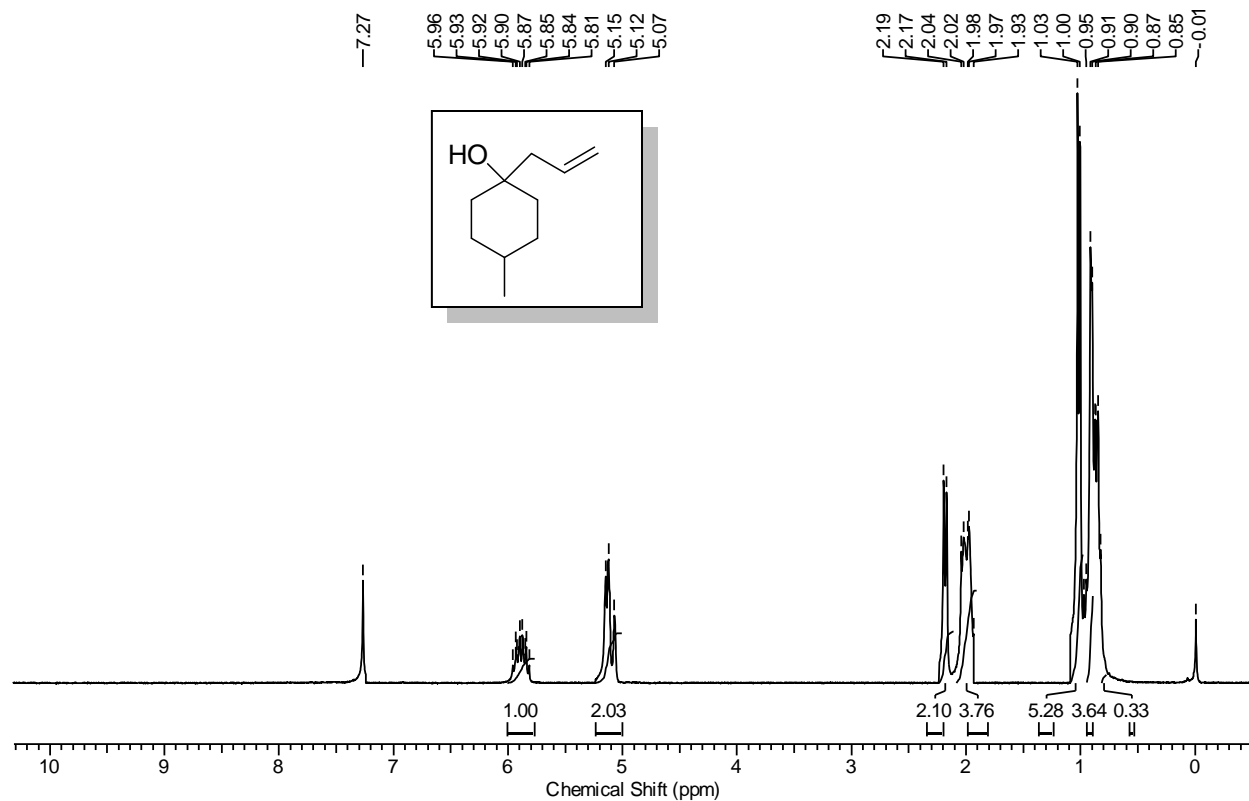


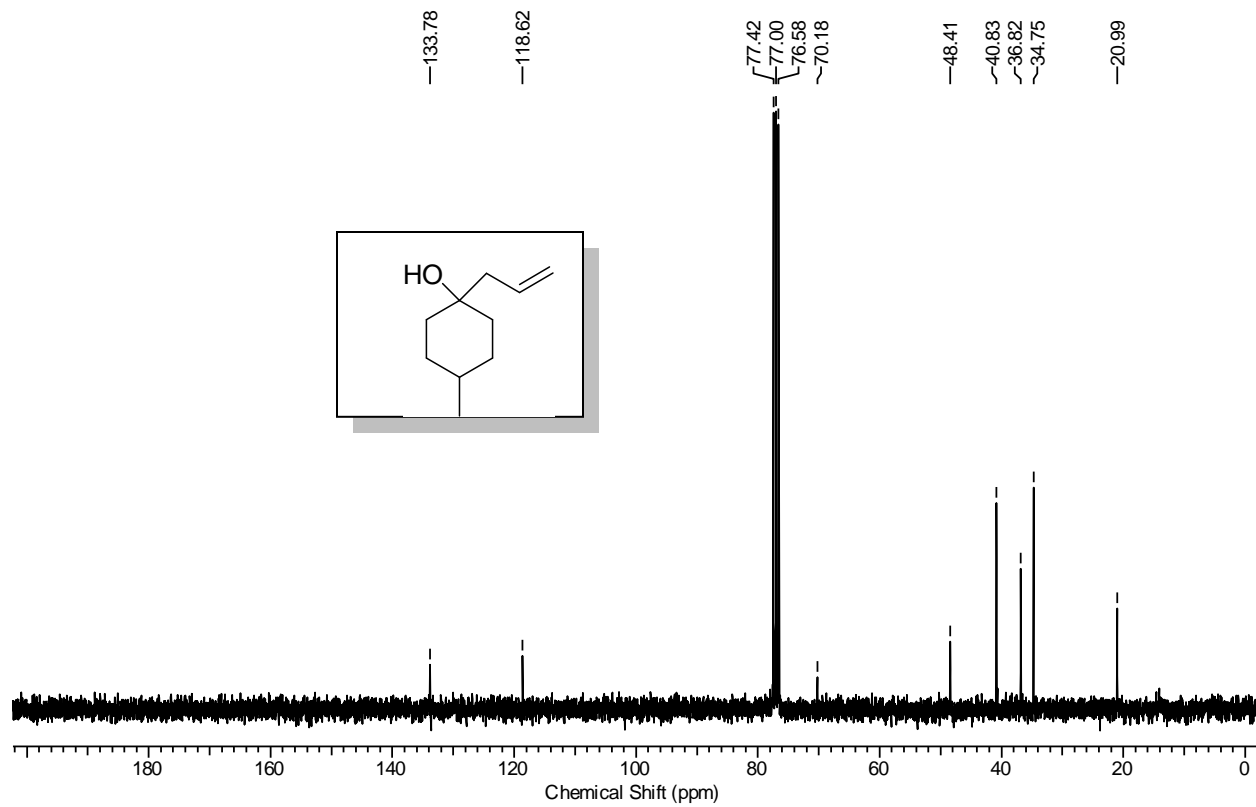
1-Cyclopentylbut-3-en-1-ol (5g)



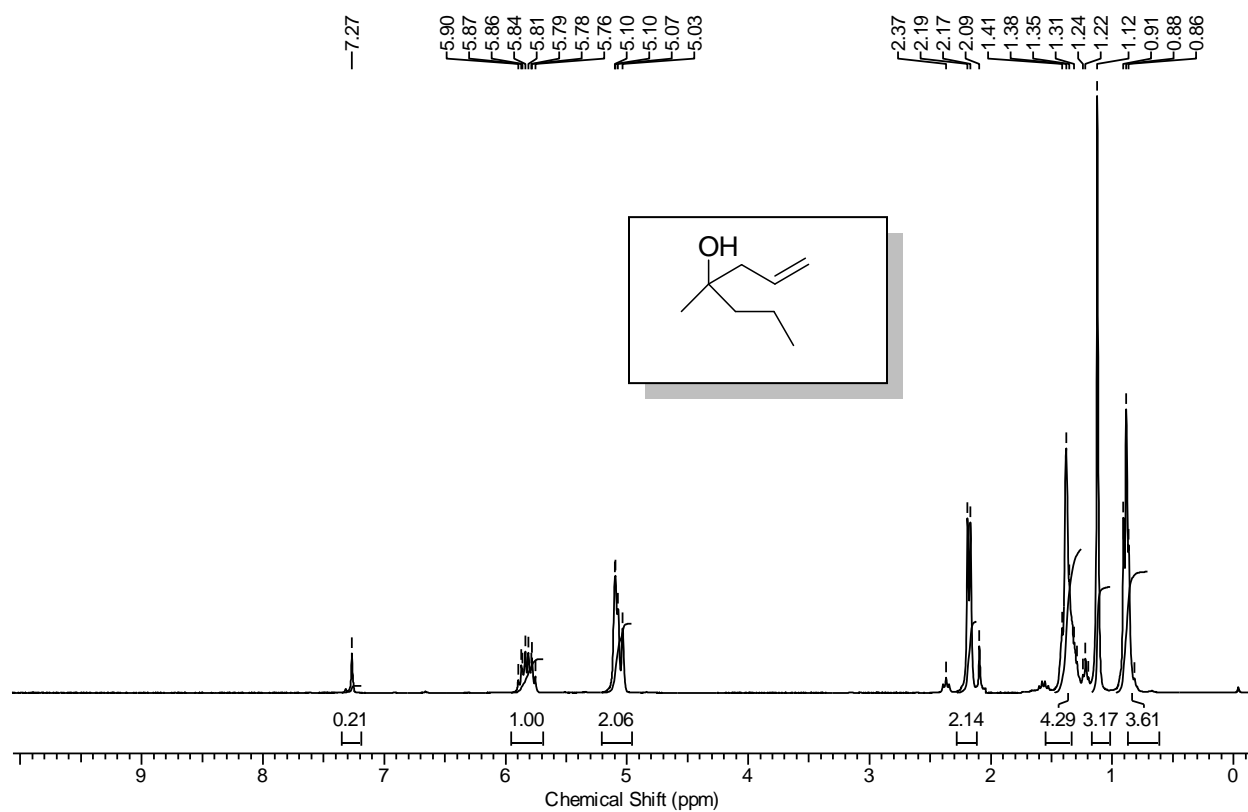


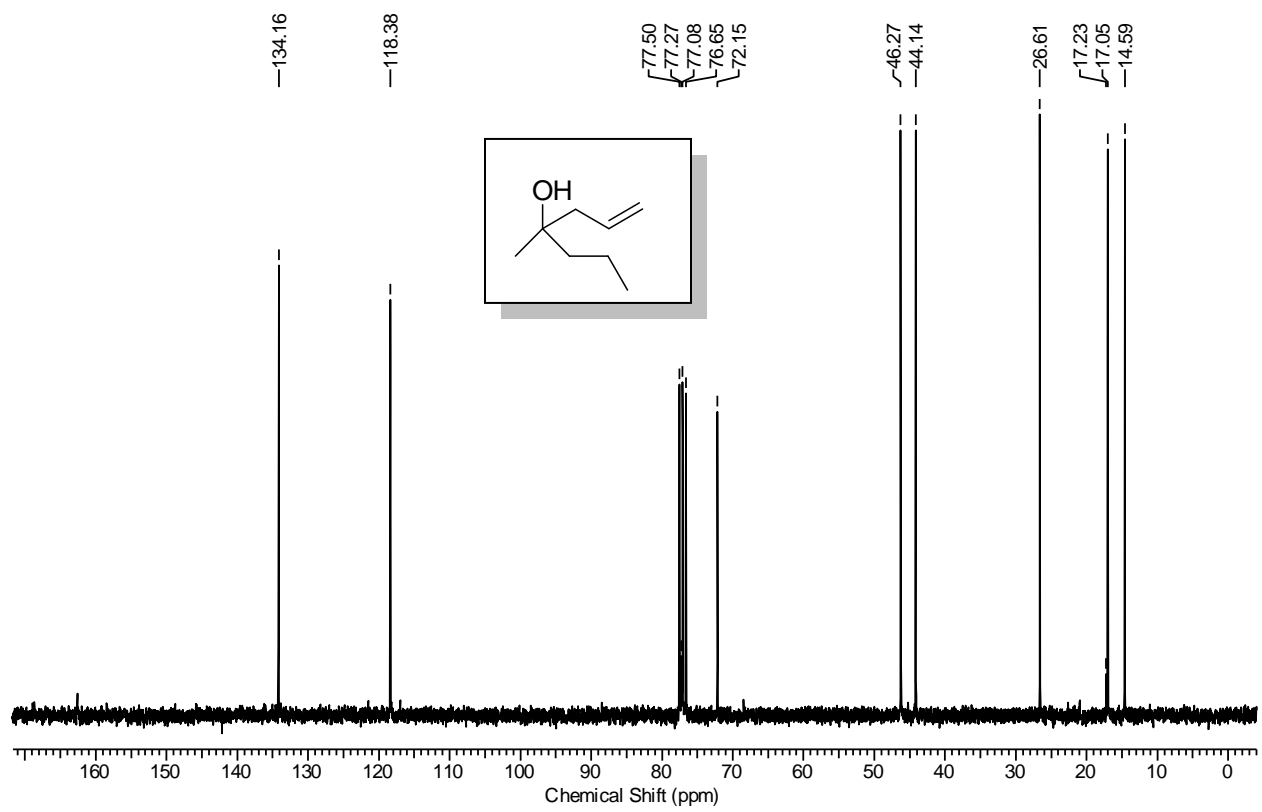
1-(4-MethylCyclohexyl)but-3-en-1-ol (5h)





4-Methyl-hept-1-en-4-ol (5i)





4-Methyl-oct-1-en-4-ol (5j)

