

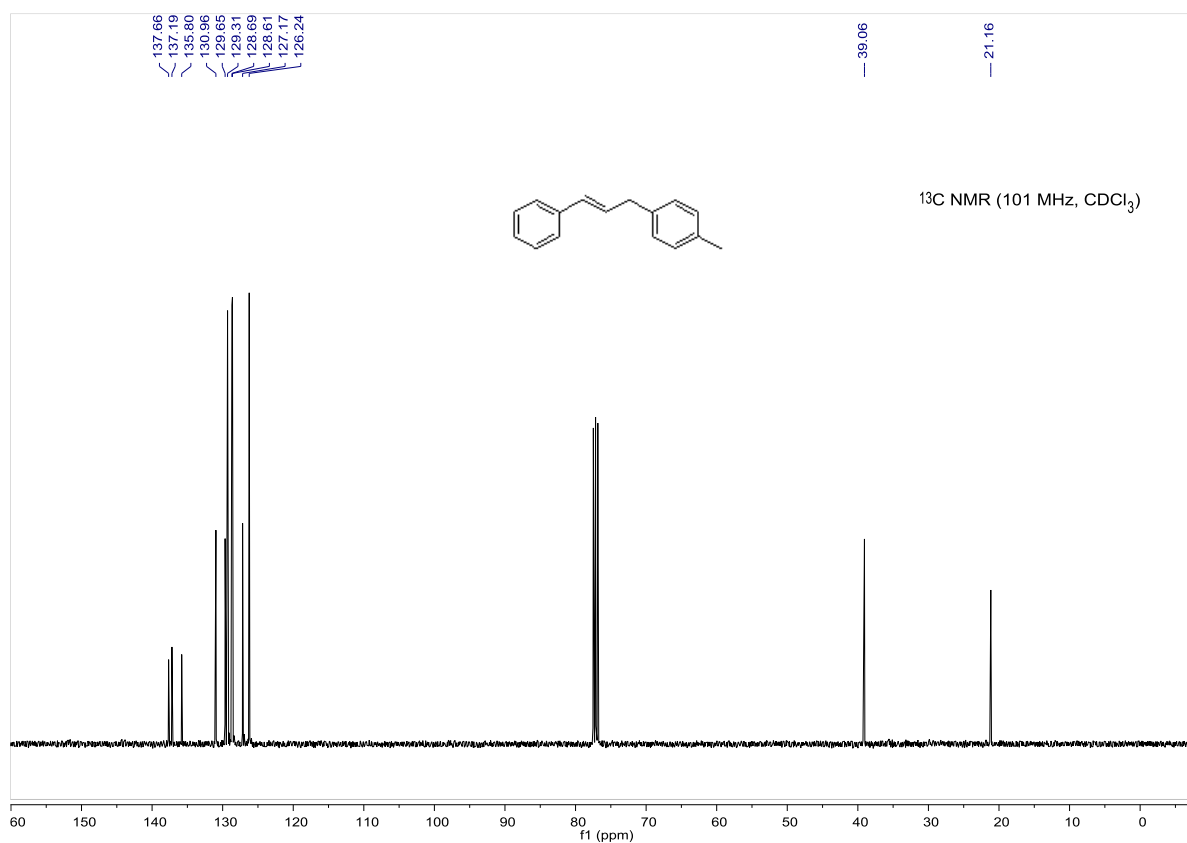
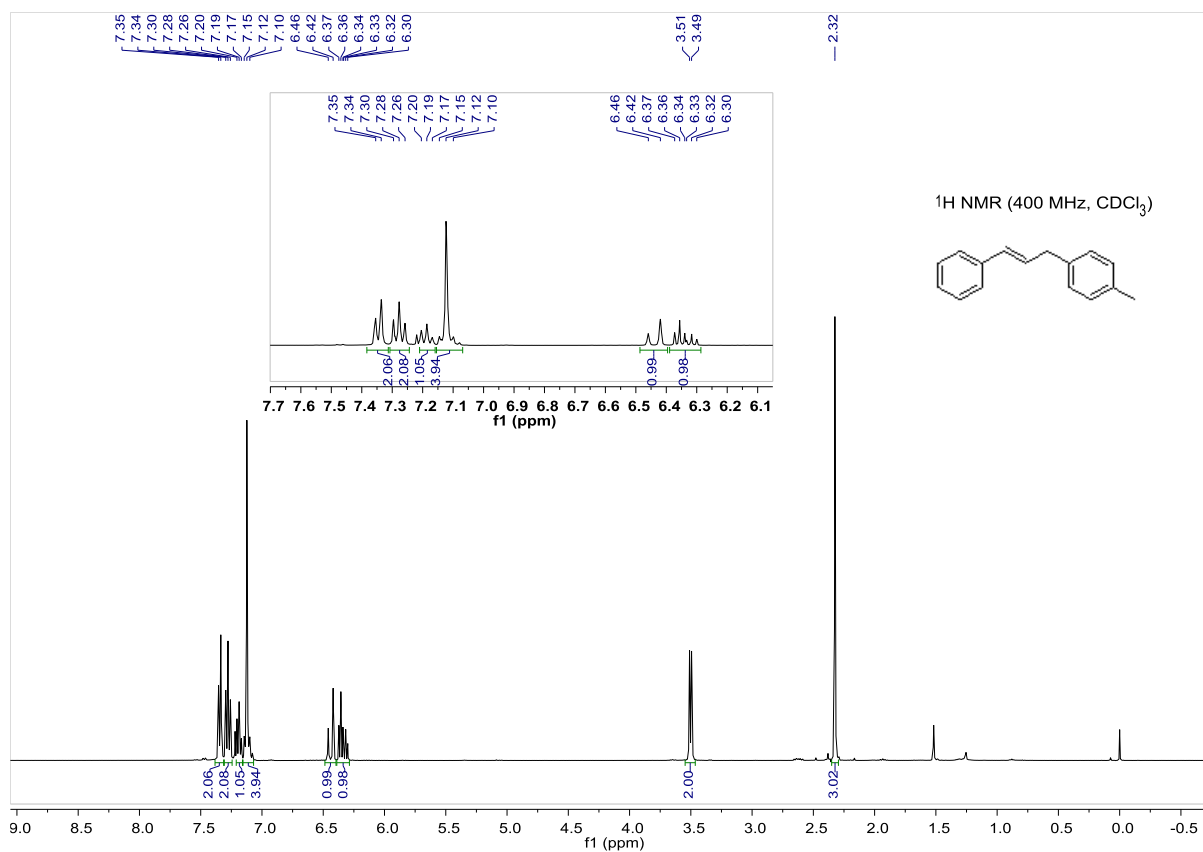
Electronic Supplementary Information

Nickel-Catalyzed Cross-Electrophile Coupling of Aryl Chlorides with Allylic Alcohols

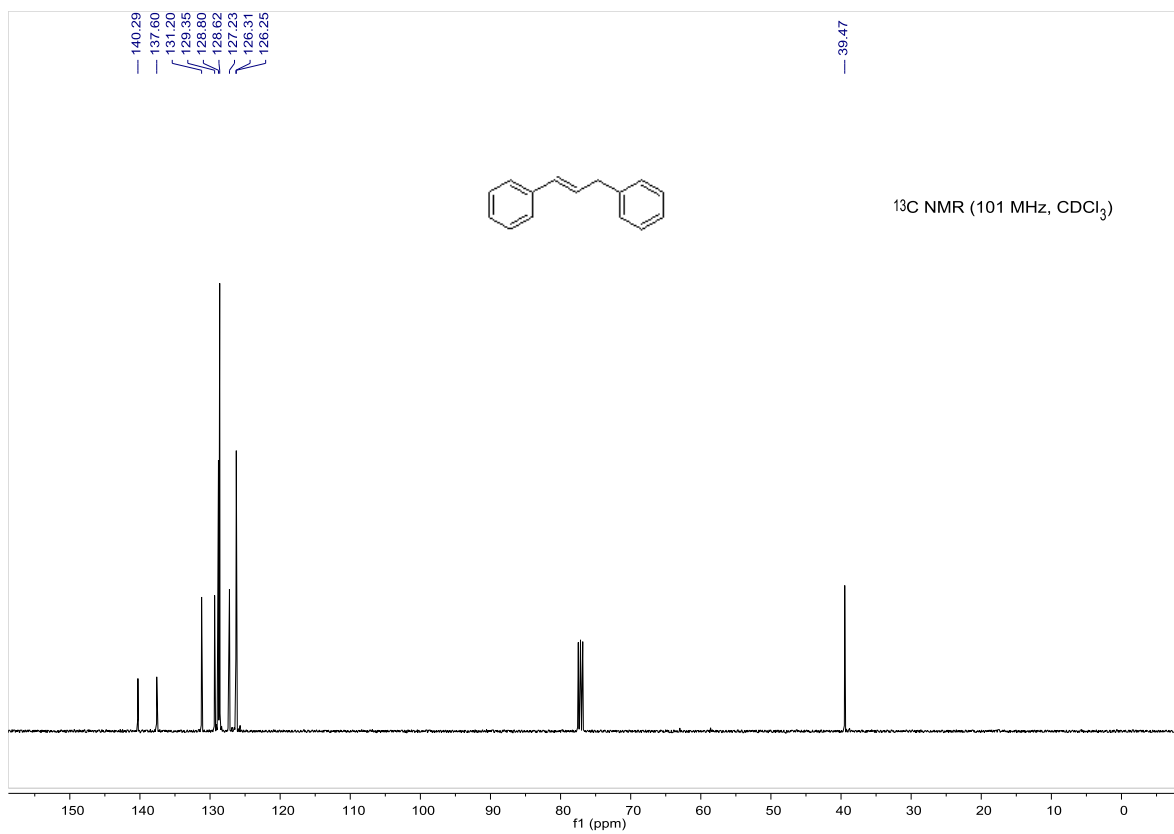
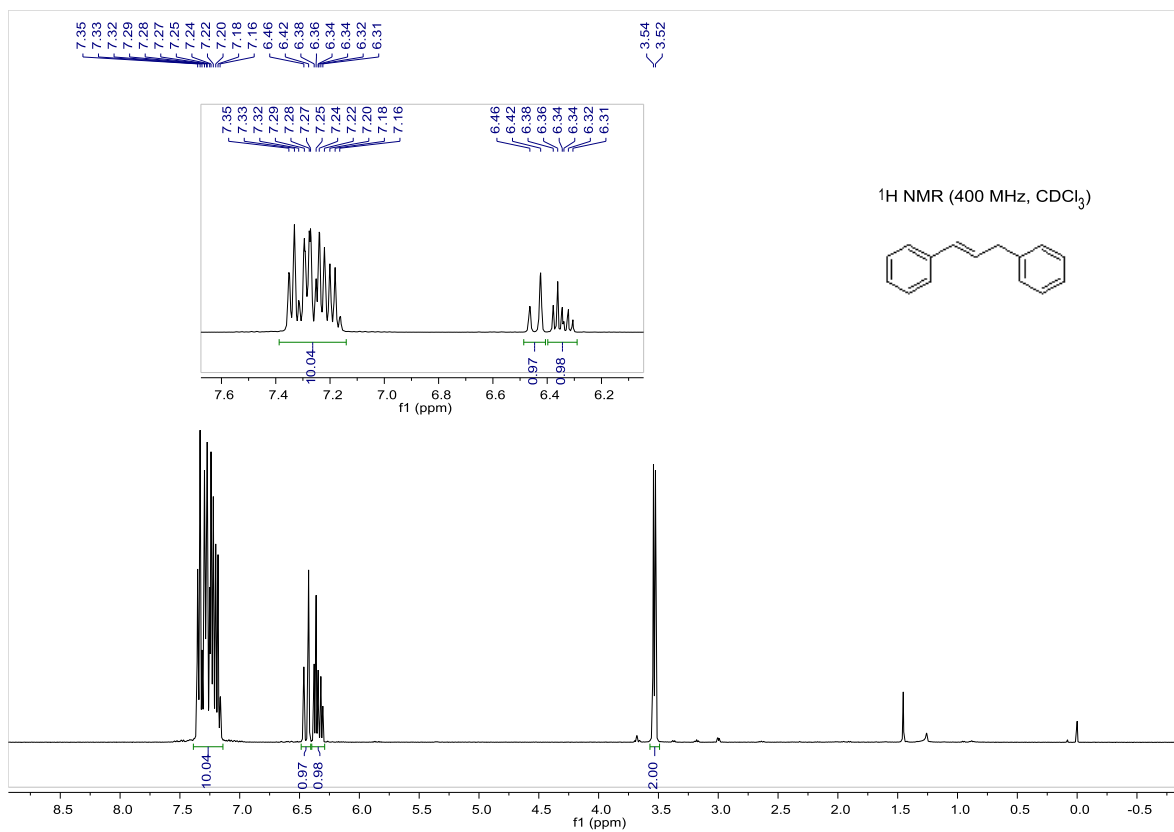
Hang Yu and Zhong-Xia Wang

Copies of NMR spectra of the coupling products

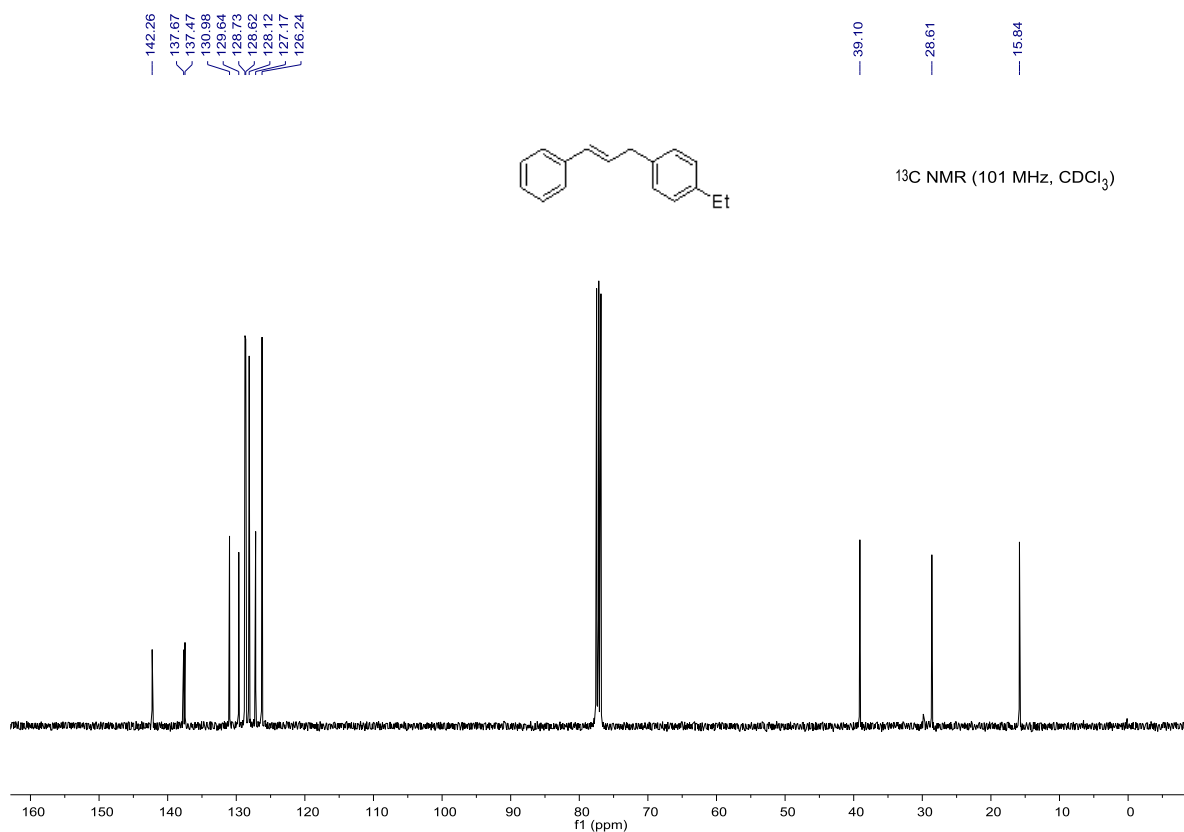
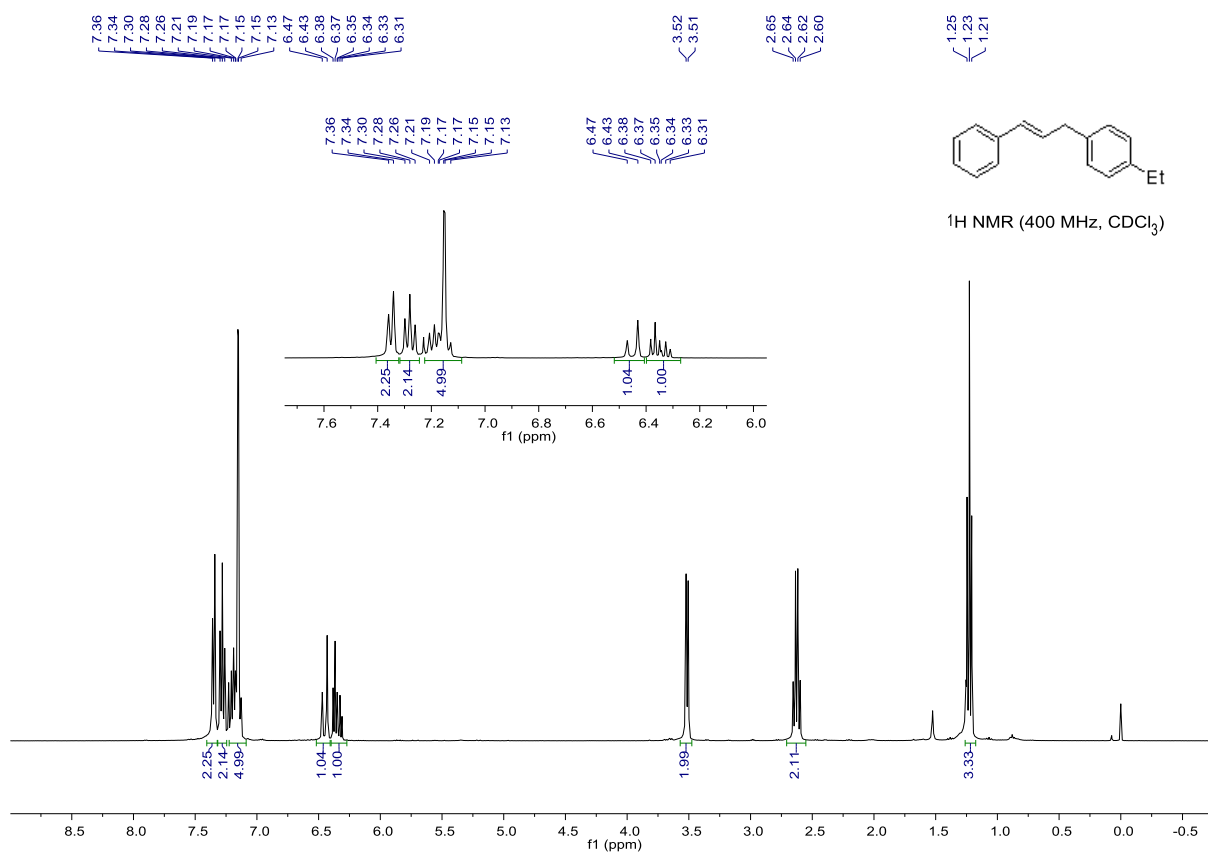
(1) 1-cinnamyl-4-methylbenzene (**3aa**)



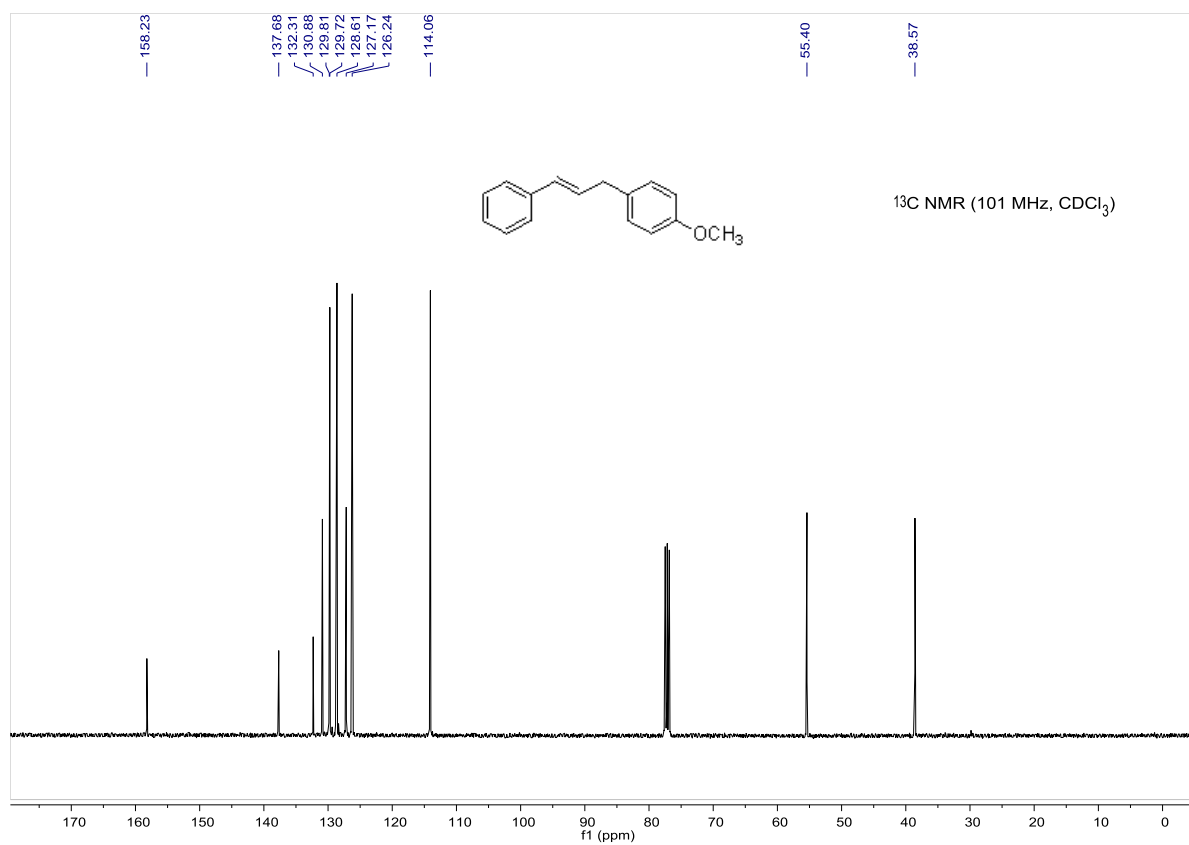
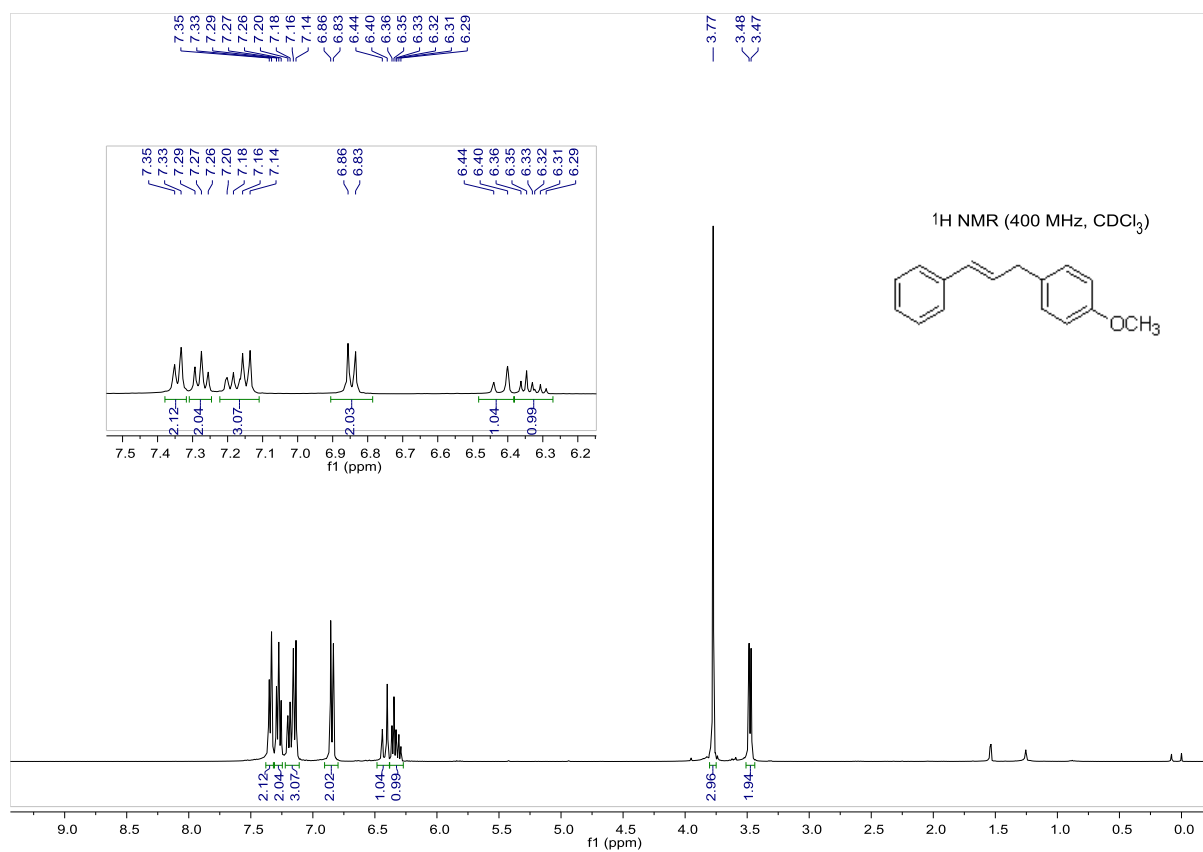
(2) (*E*)-prop-1-ene-1,3-diylidibenzene (**3ab**)



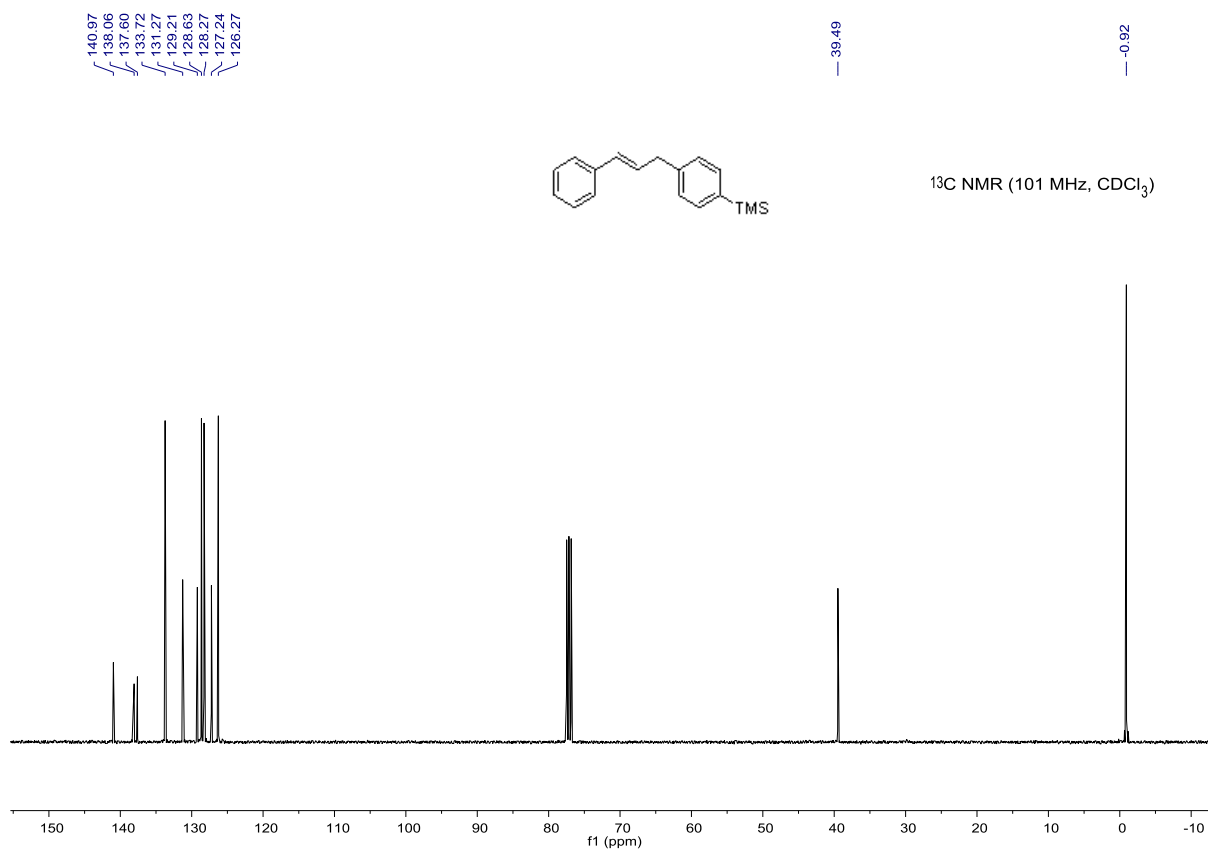
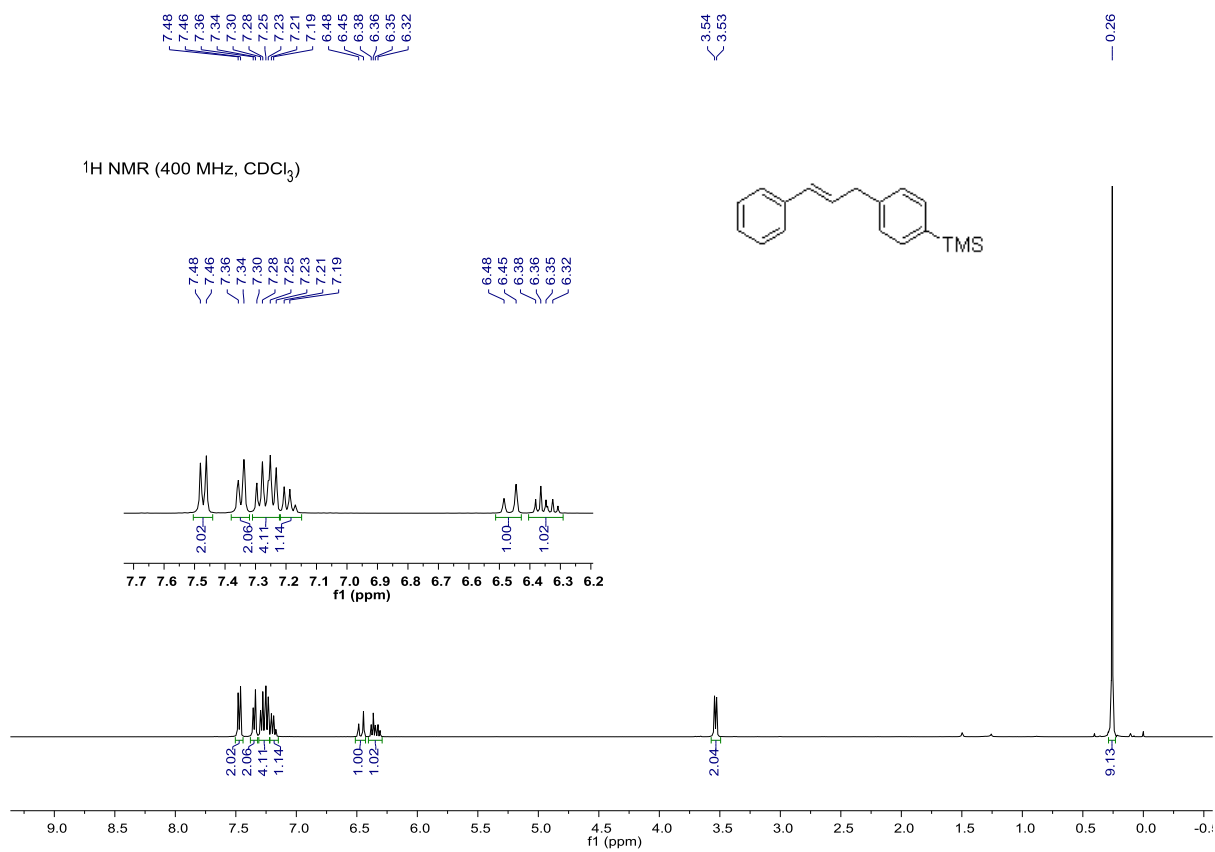
(3) 1-cinnamyl-4-ethylbenzene (**3ac**)



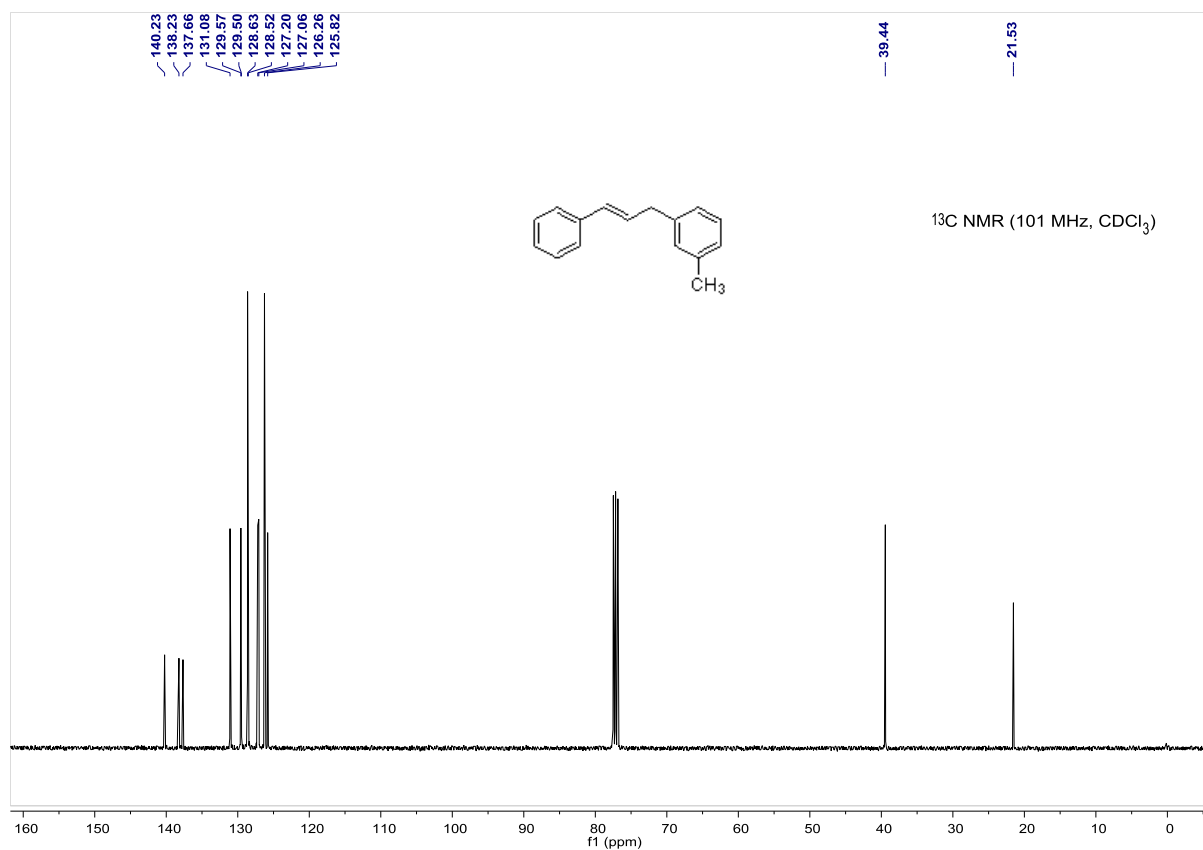
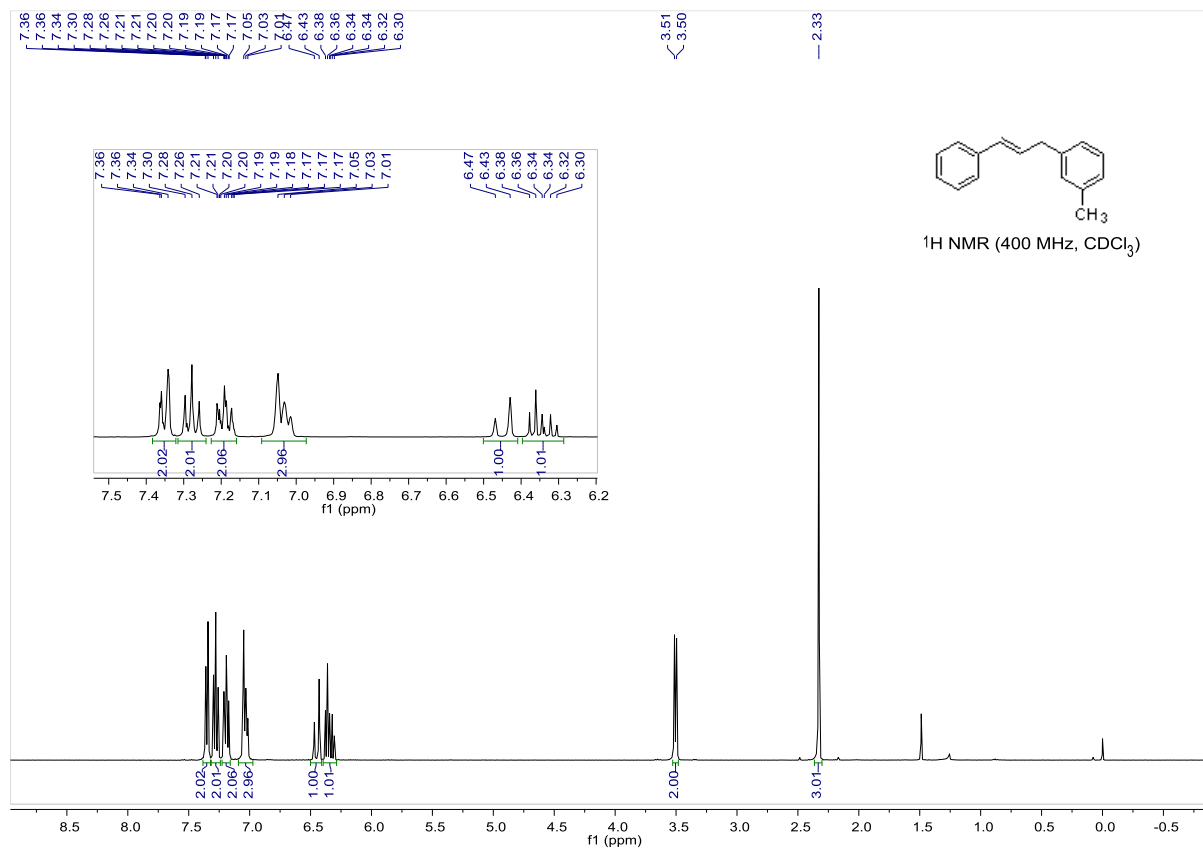
(4) 1-cinnamyl-4-methoxybenzene (**3ad**)



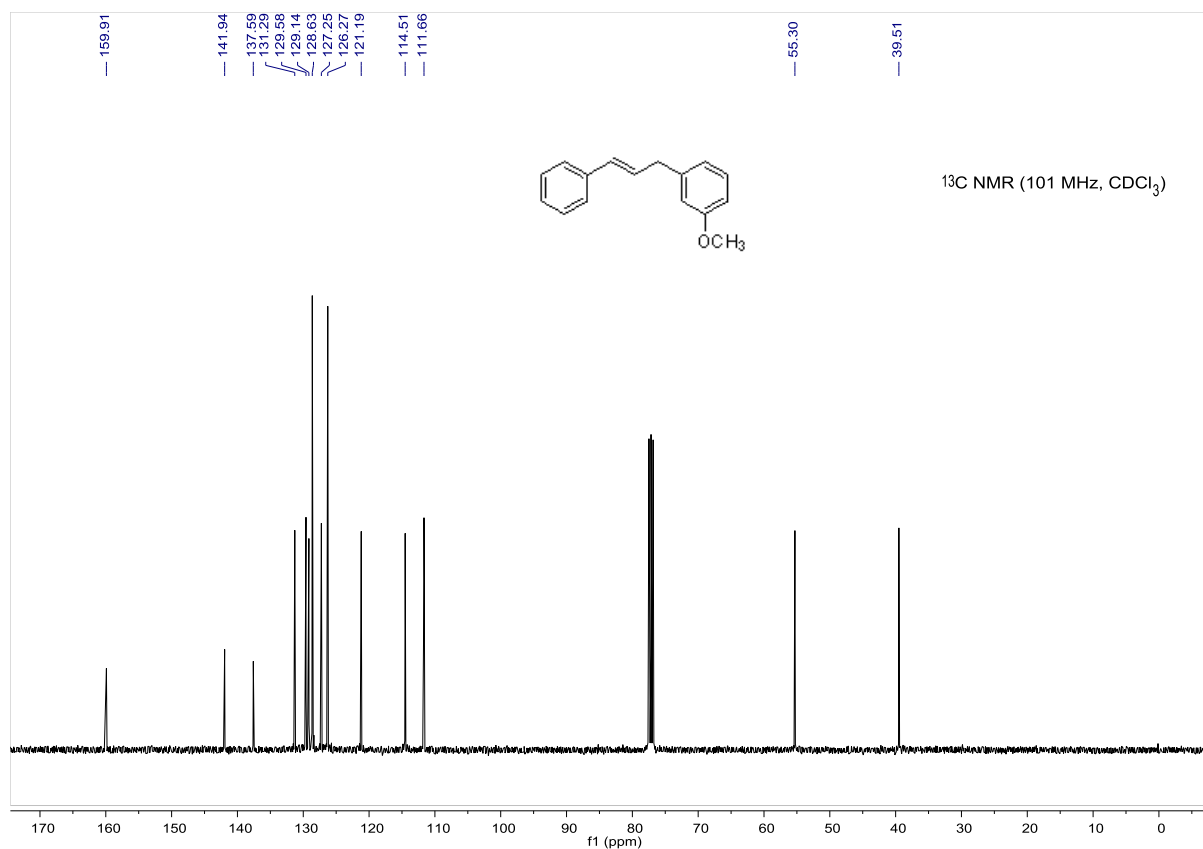
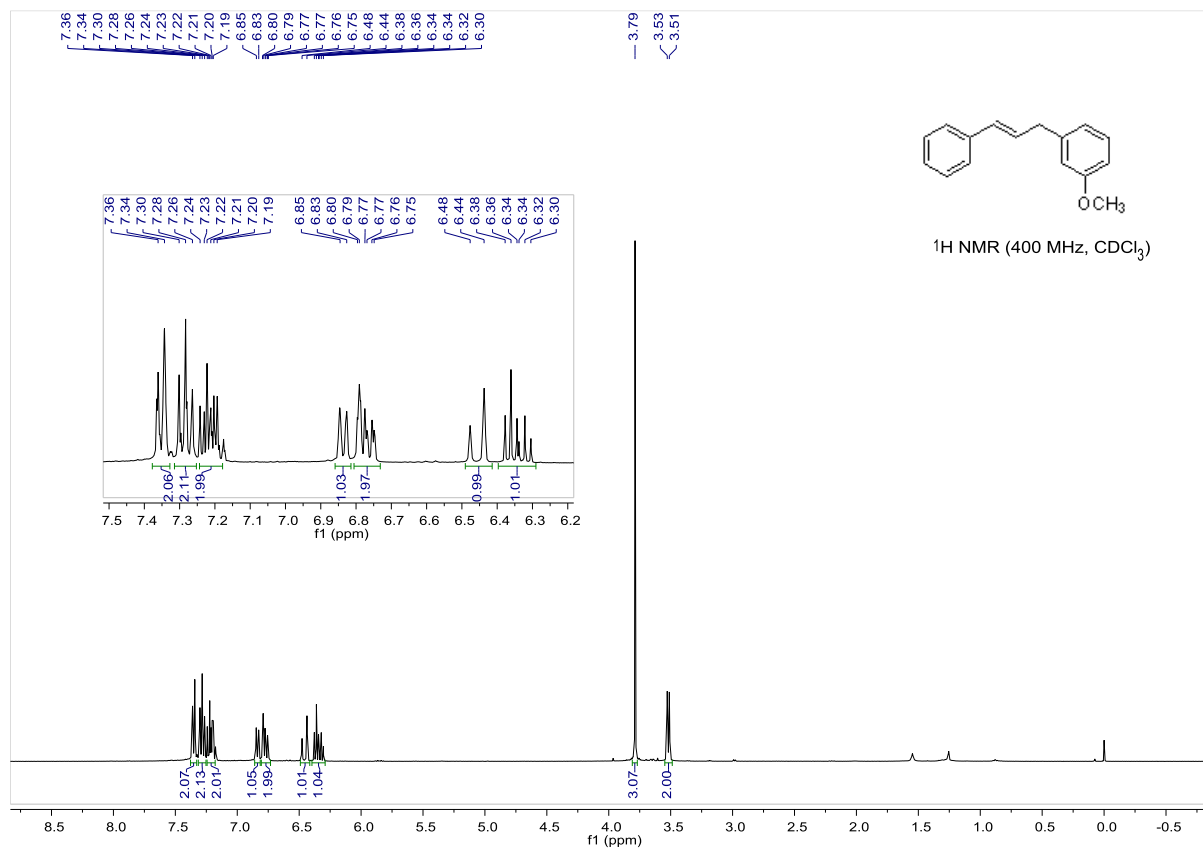
(5) (4-cinnamylphenyl)trimethylsilane (**3ae**)



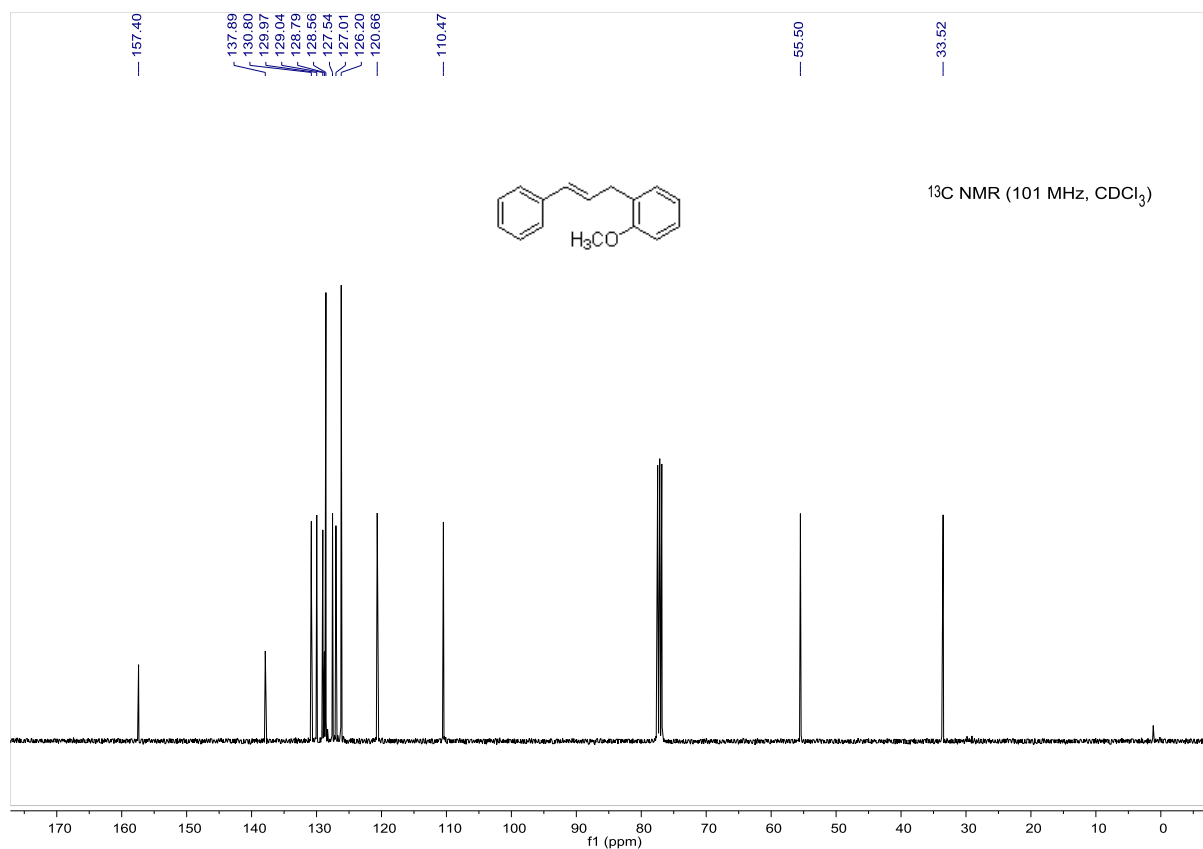
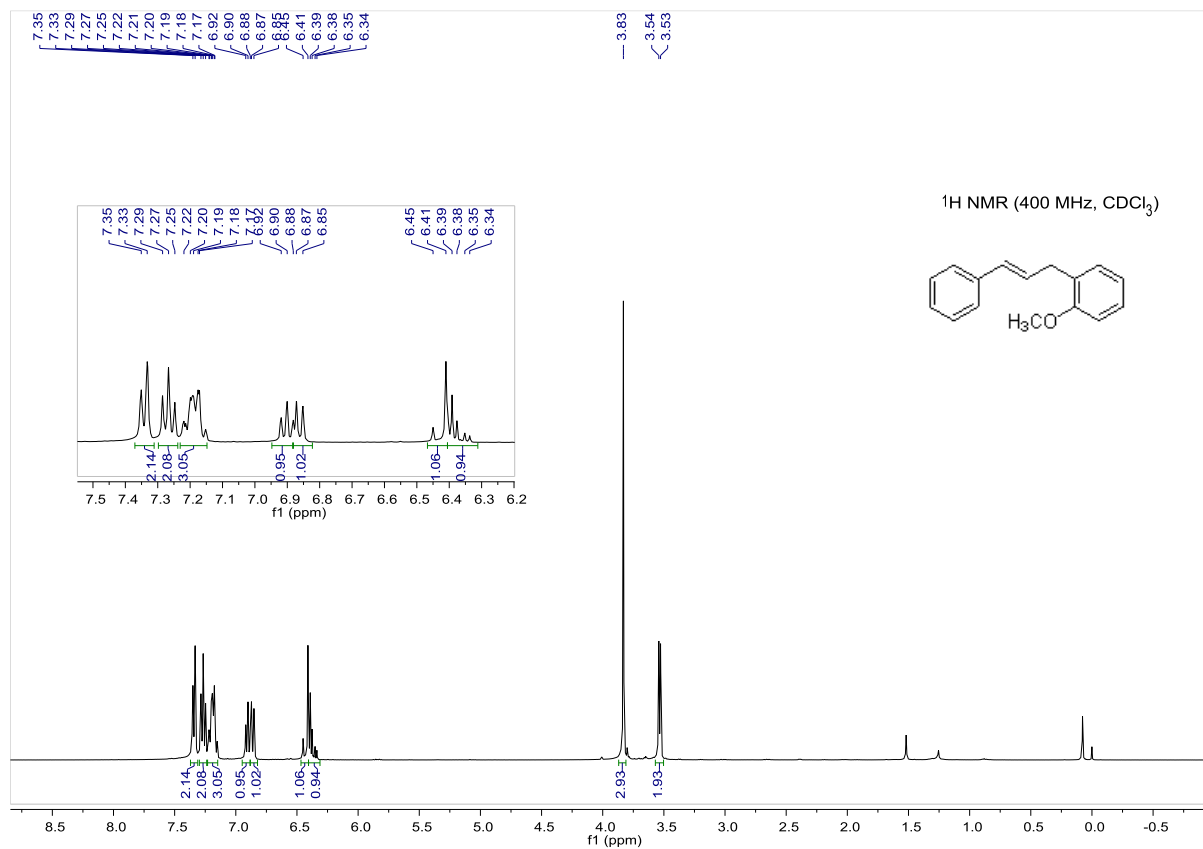
(6) 1-cinnamyl-3-methylbenzene (**3ag**)



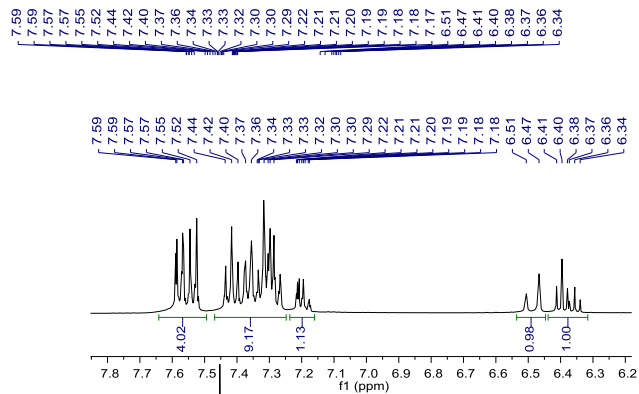
(7) 1-cinnamyl-3-methoxybenzene (**3ah**)



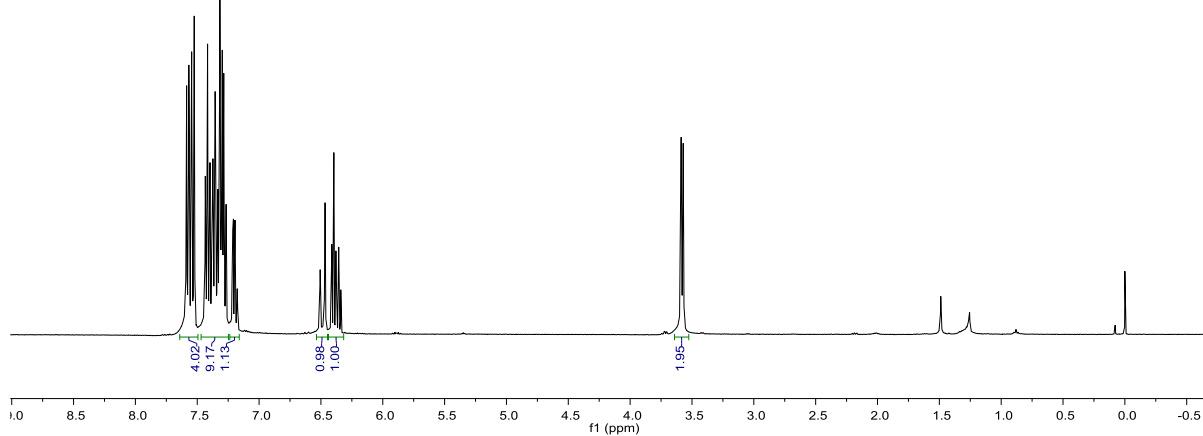
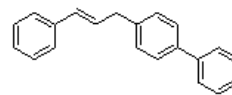
(8) 1-cinnamyl-2-methoxybenzene (**3ai**)



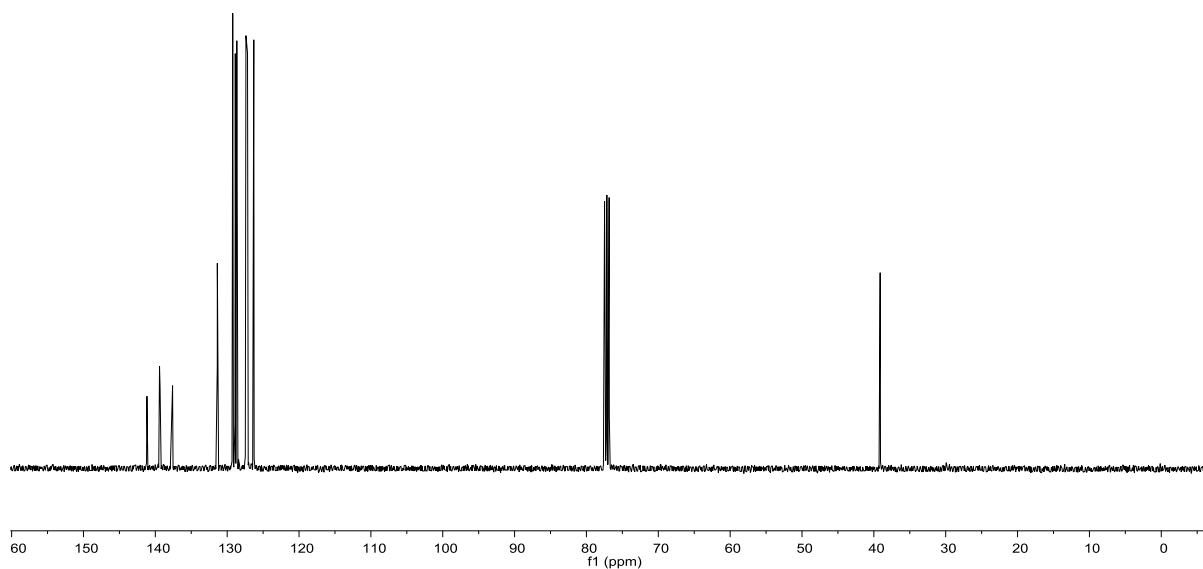
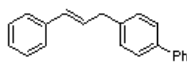
(9) 4-cinnamyl-1,1'-biphenyl (3aj)



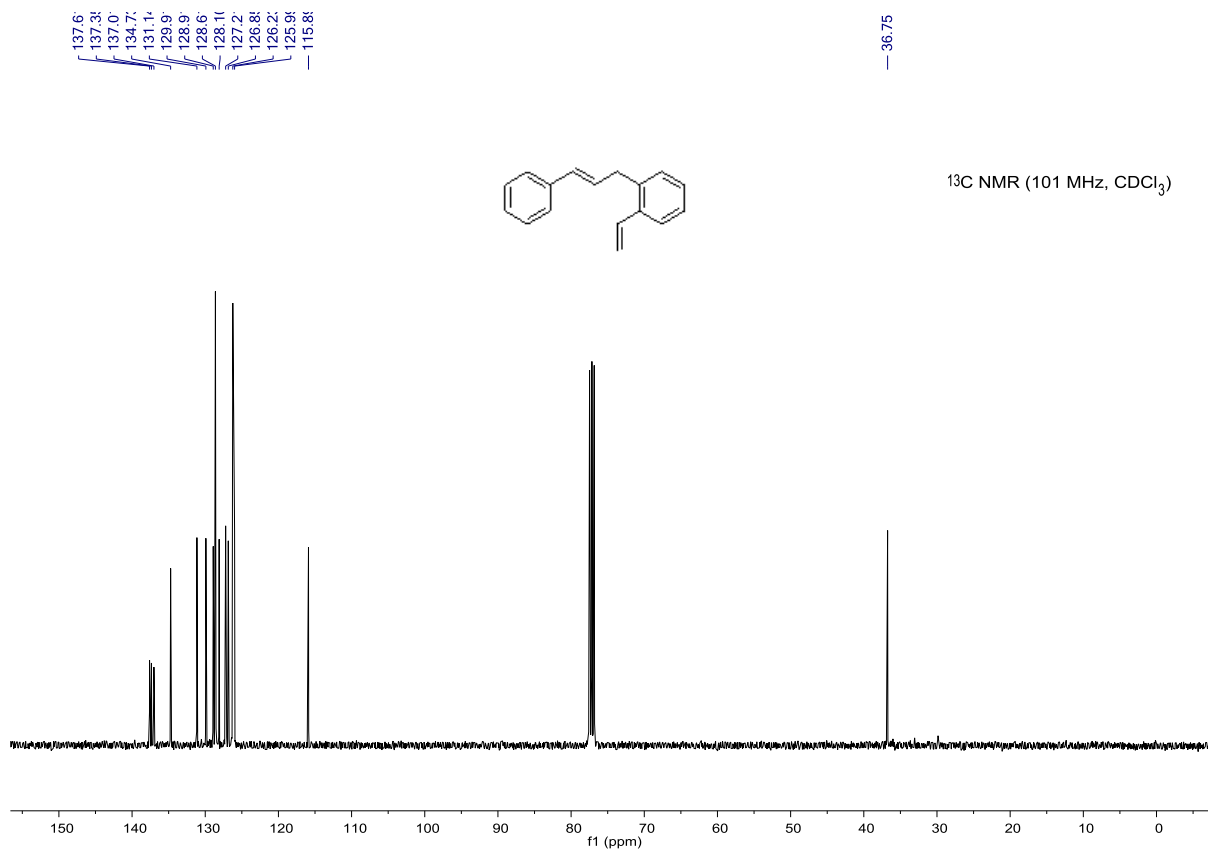
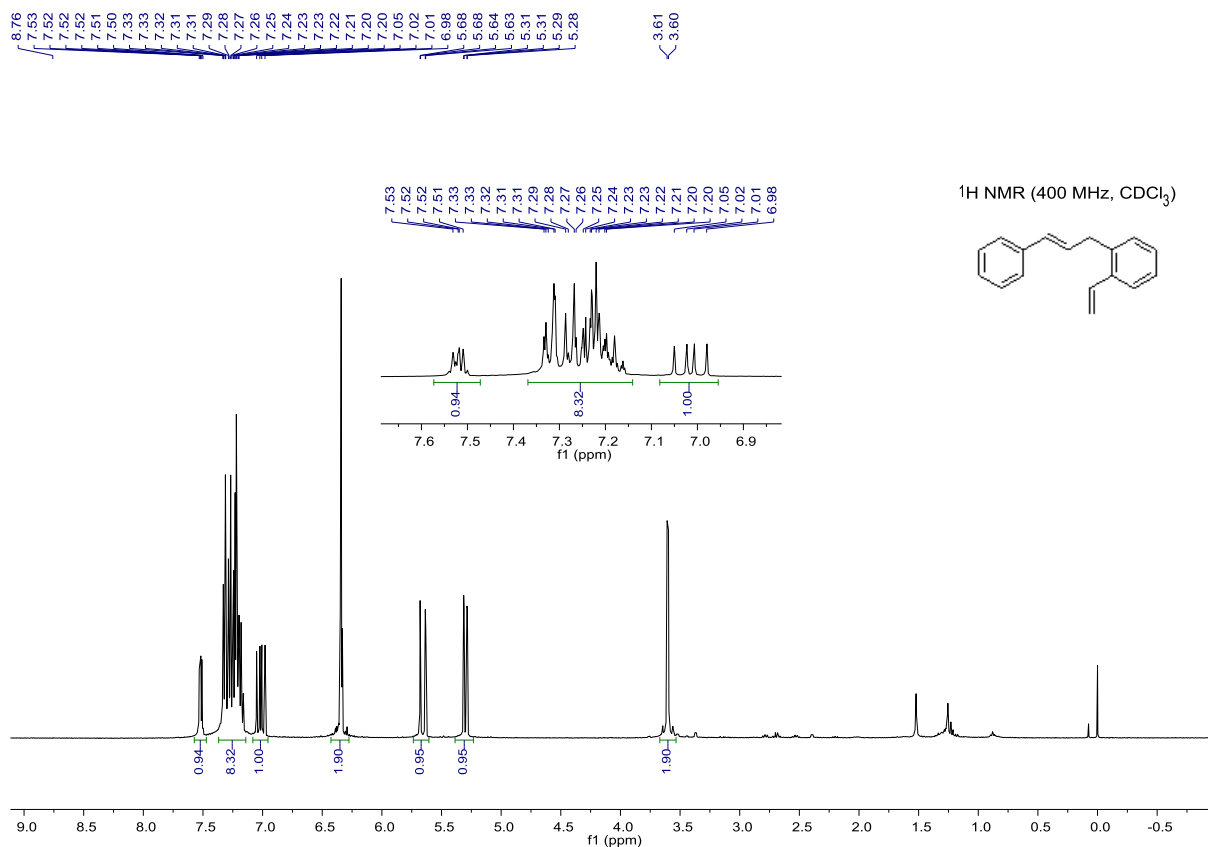
¹H NMR (400 MHz, CDCl₃)



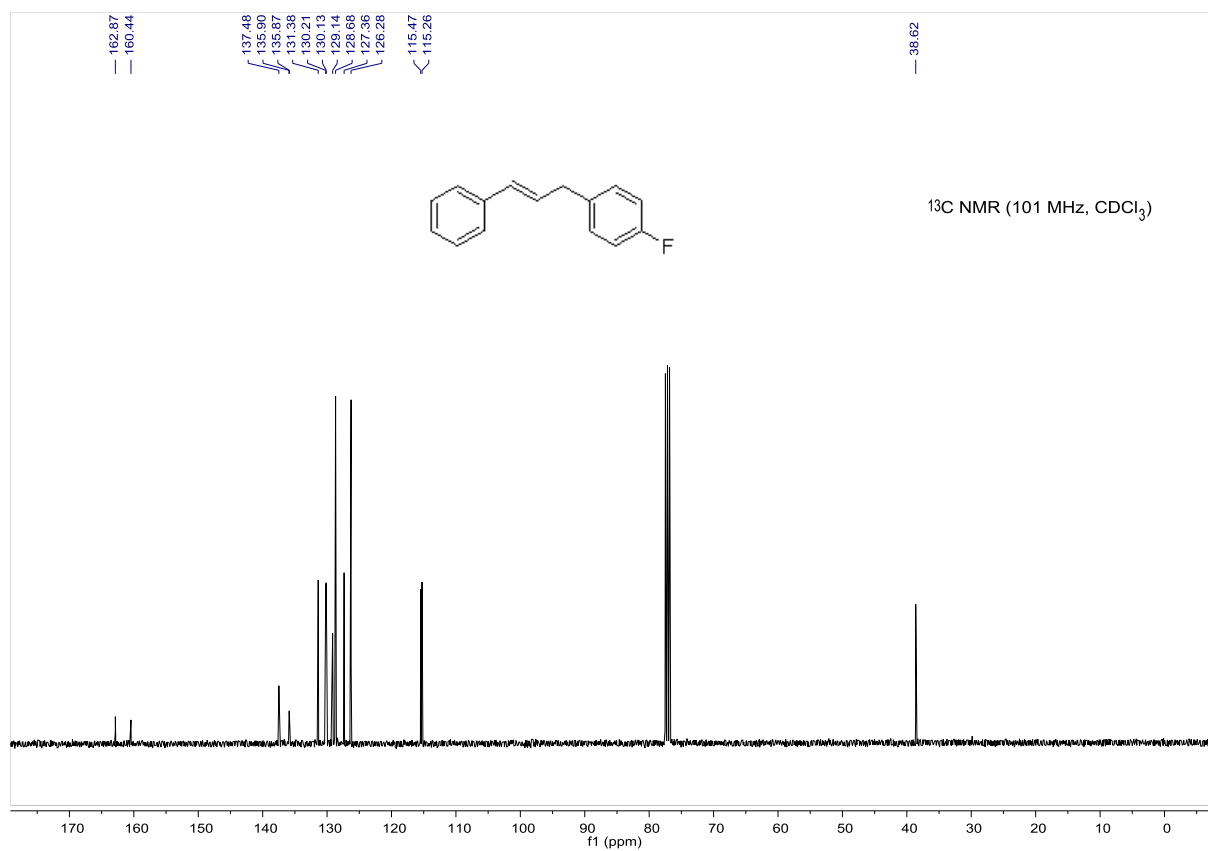
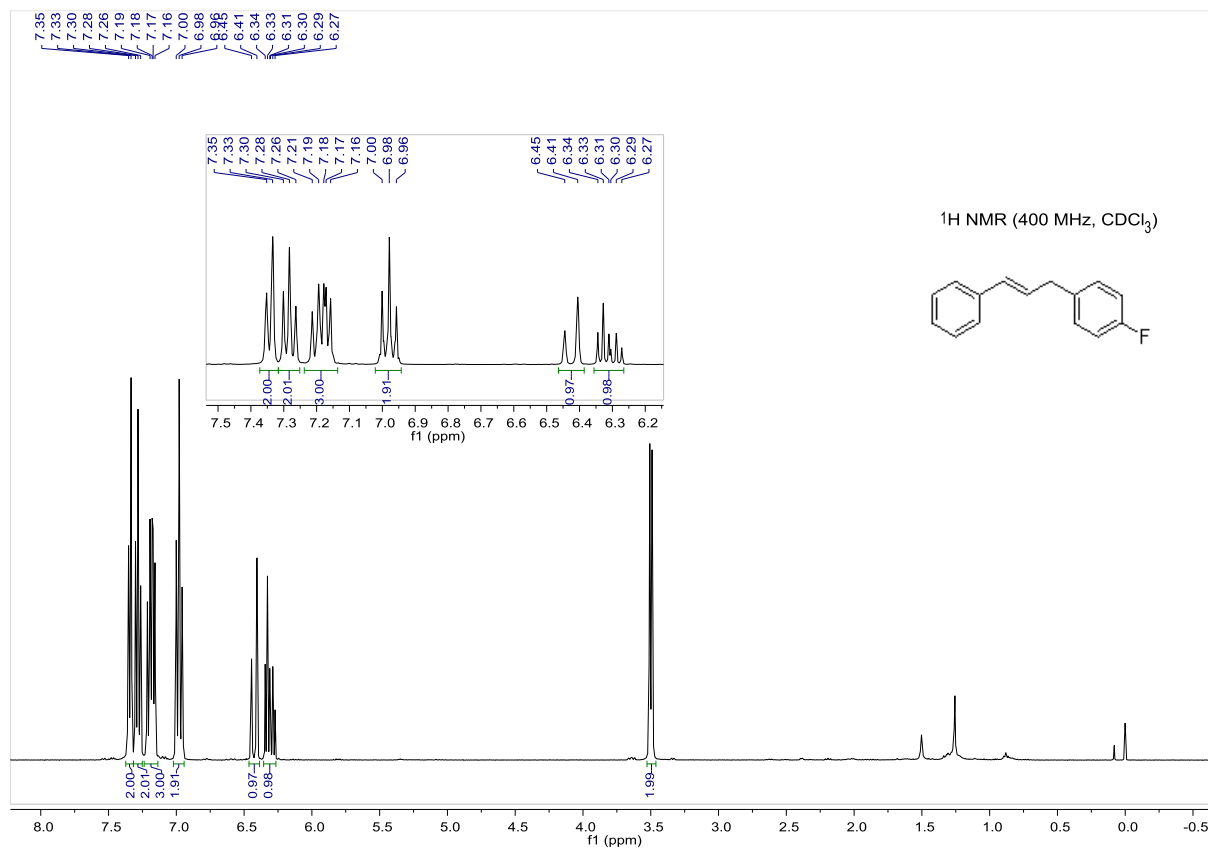
¹³C NMR (101 MHz, CDCl₃)

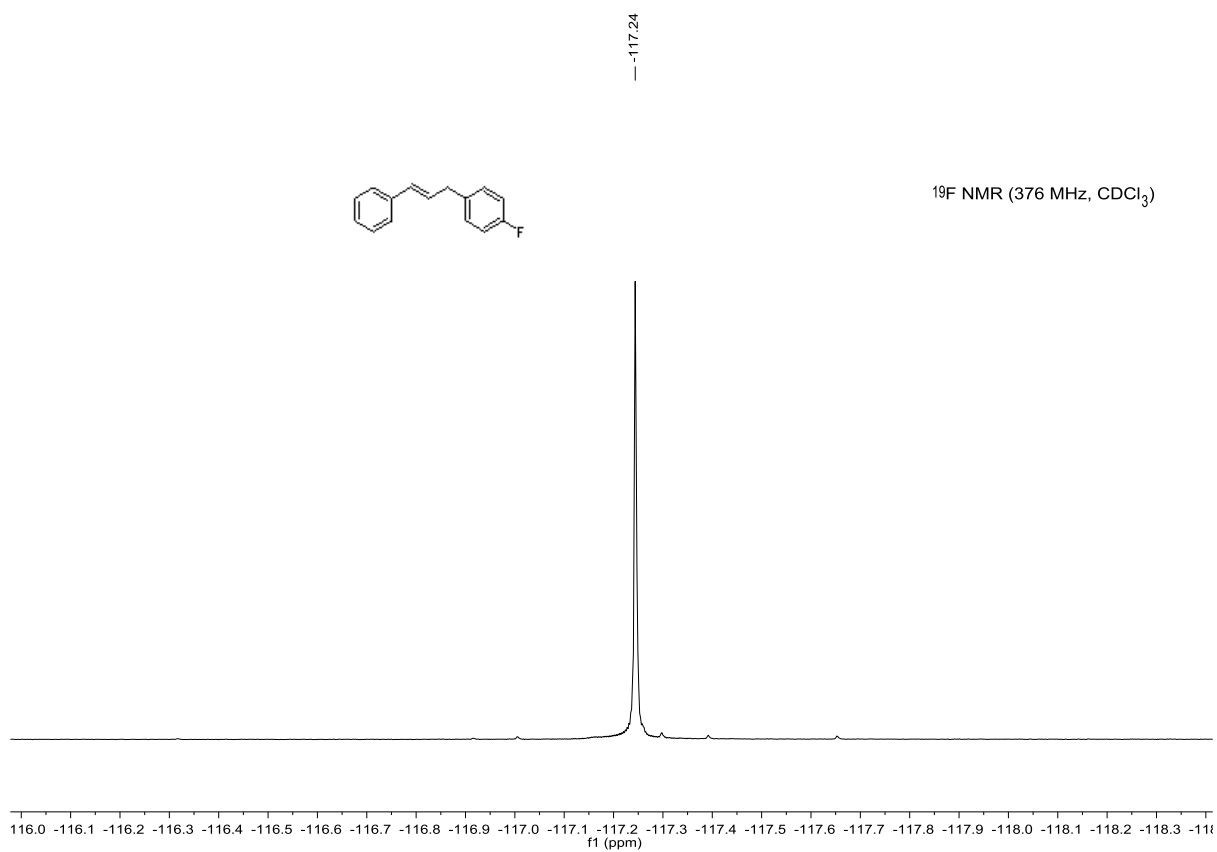


(10) 1-cinnamyl-2-vinylbenzene (**3al**)

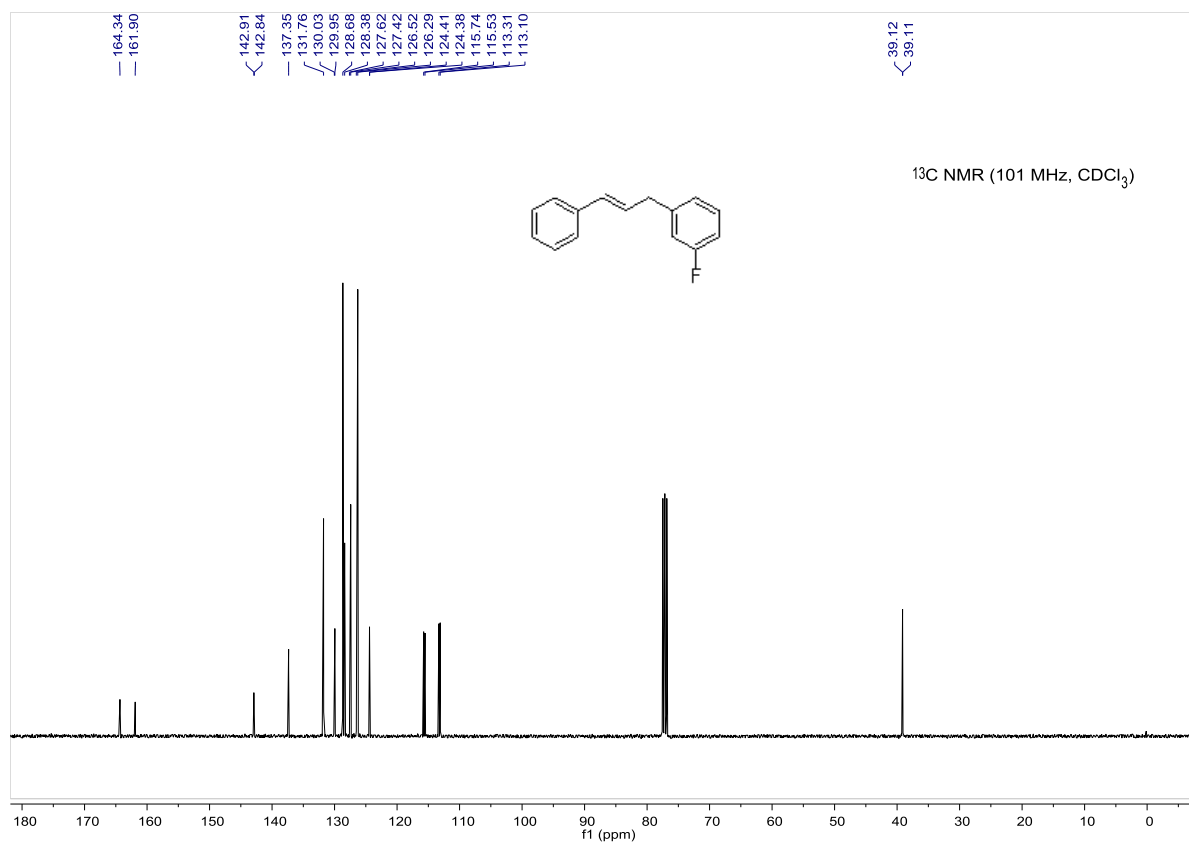
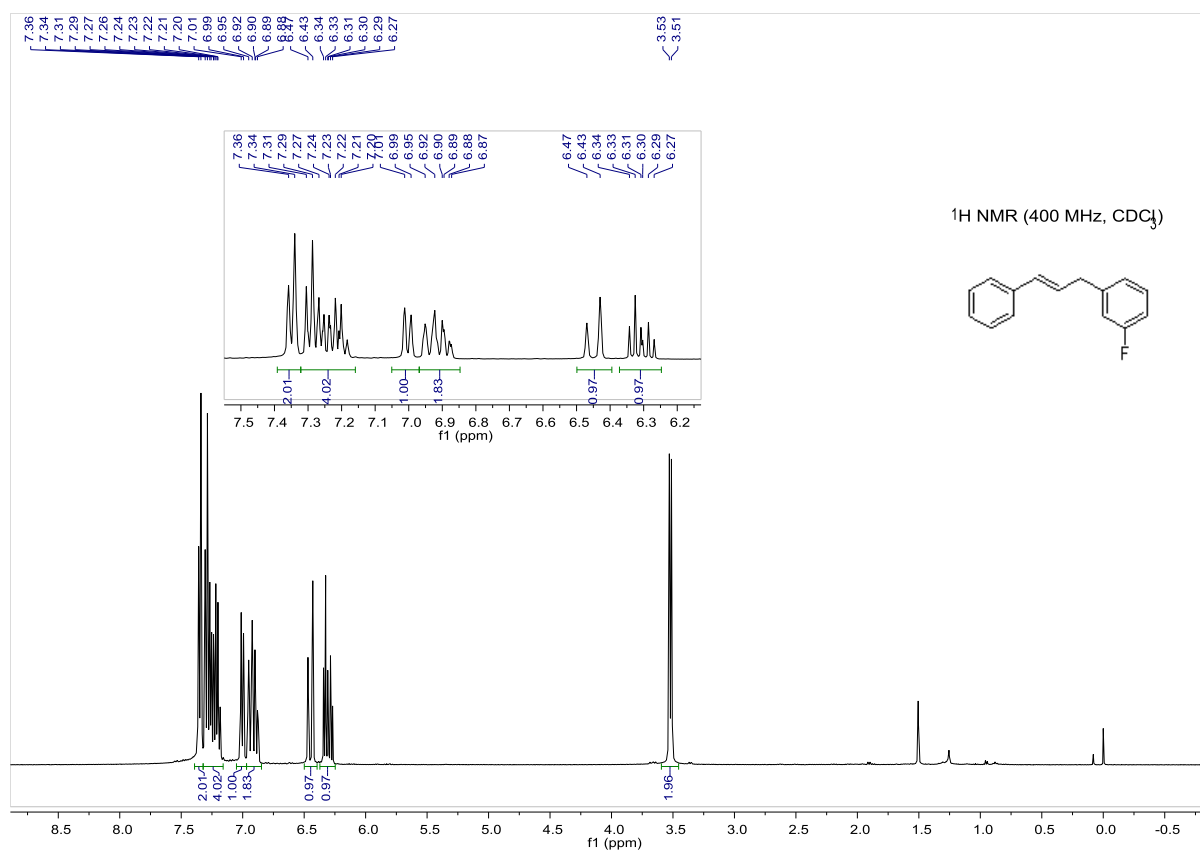


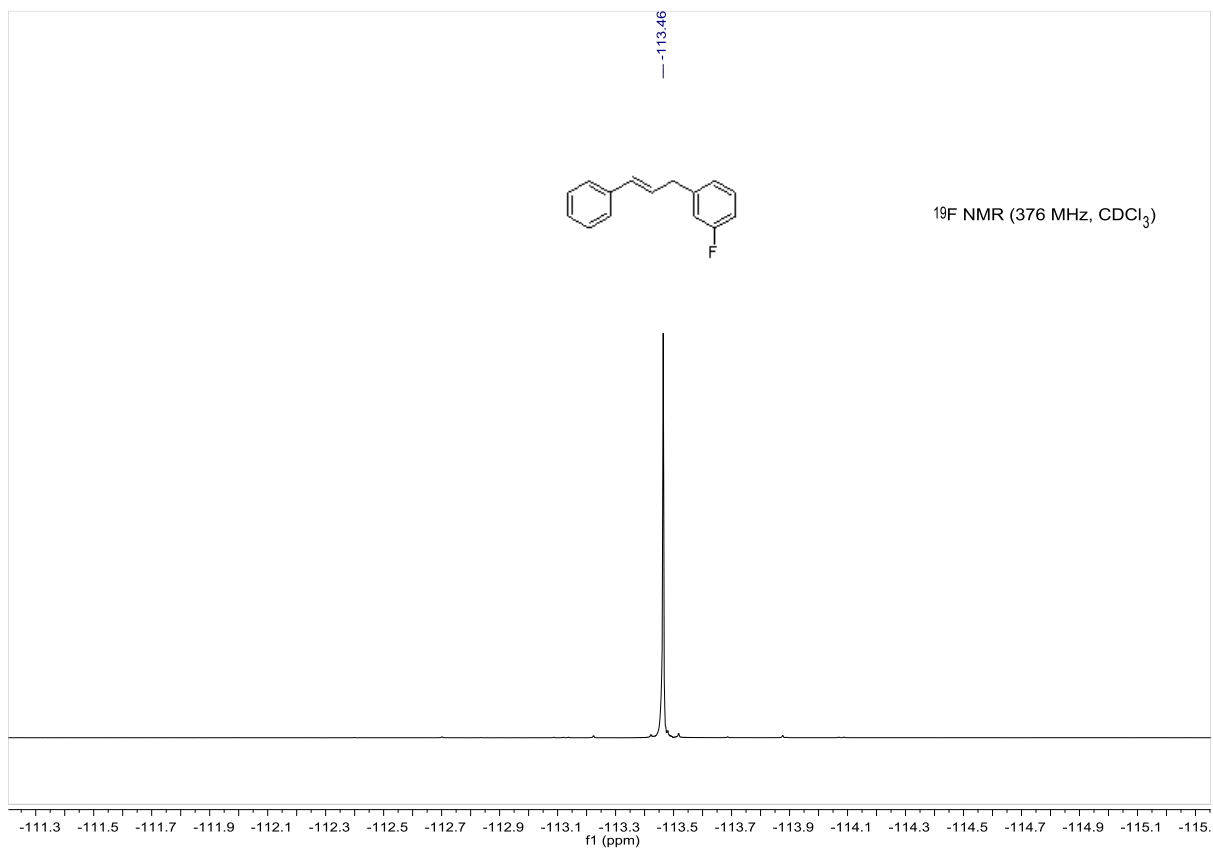
(11) 1-cinnamyl-4-fluorobenzene (**3am**)



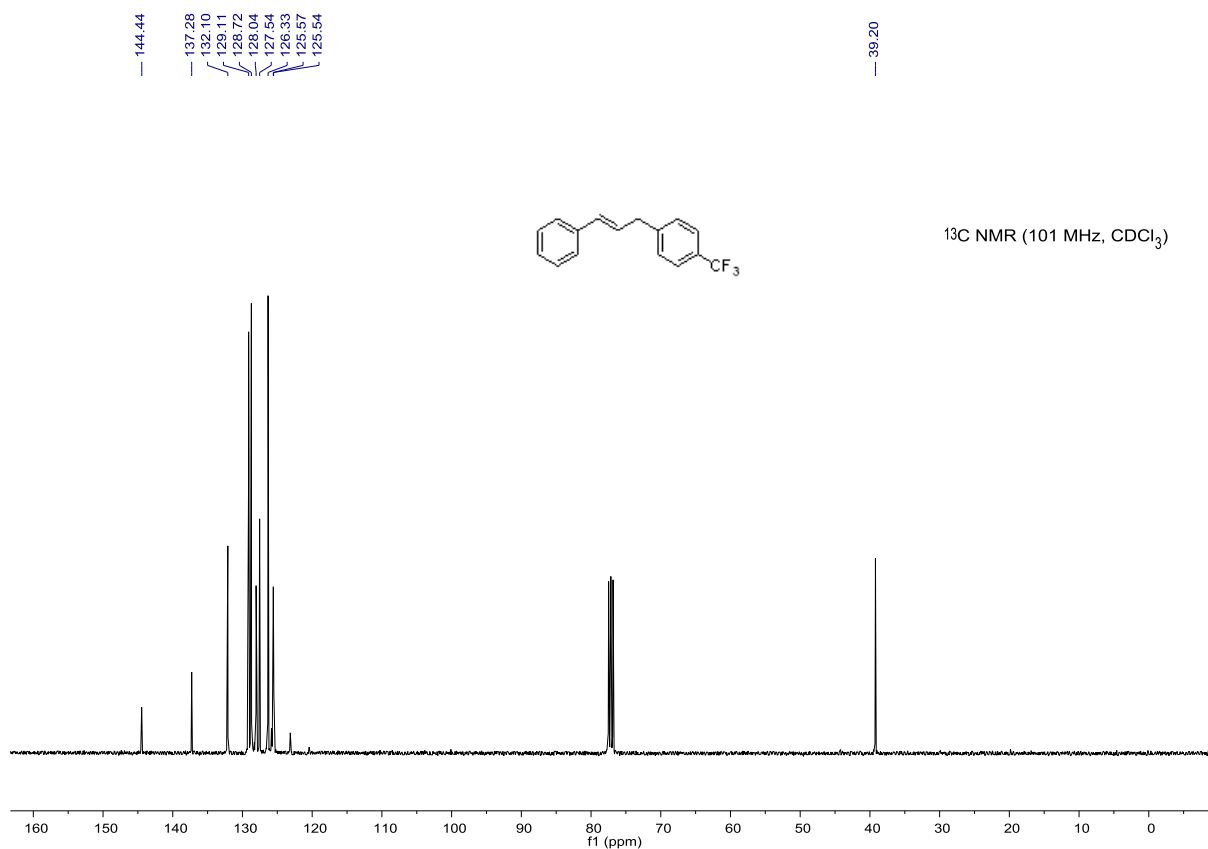
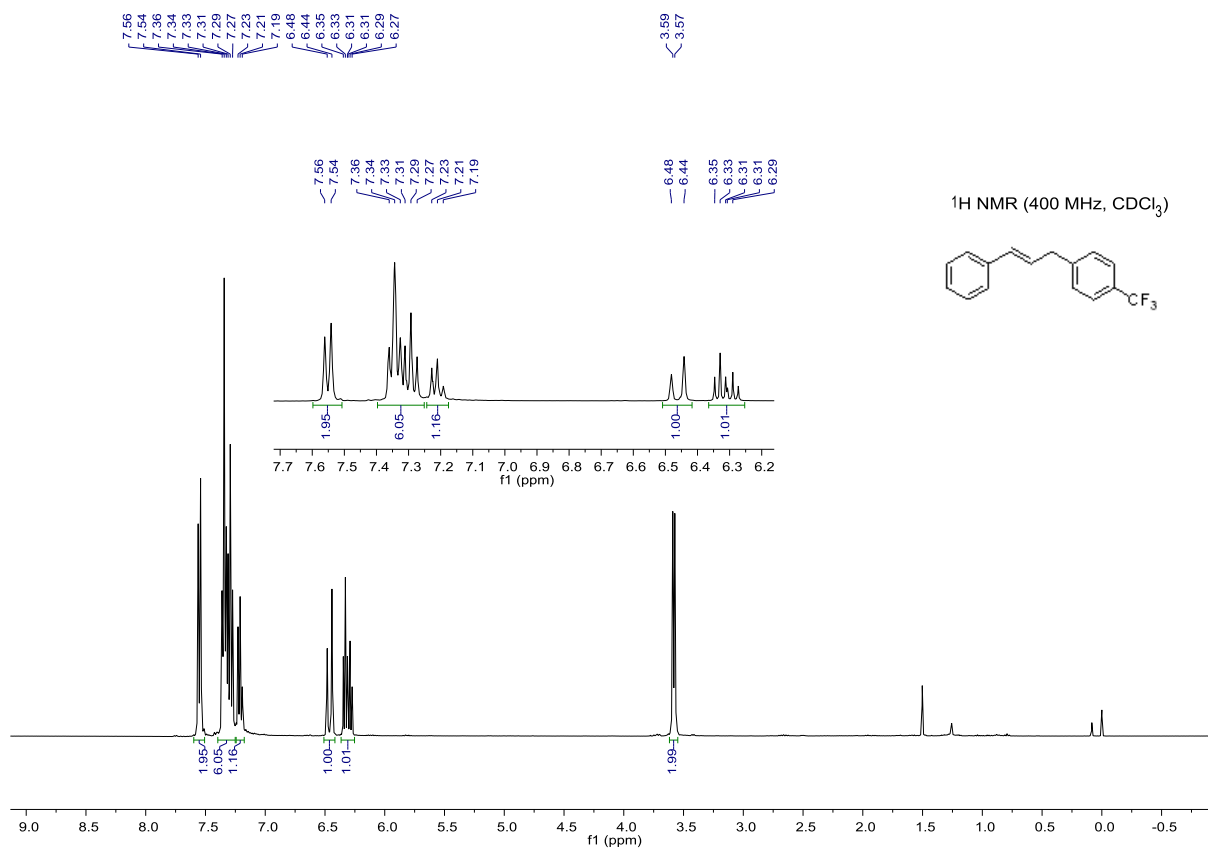


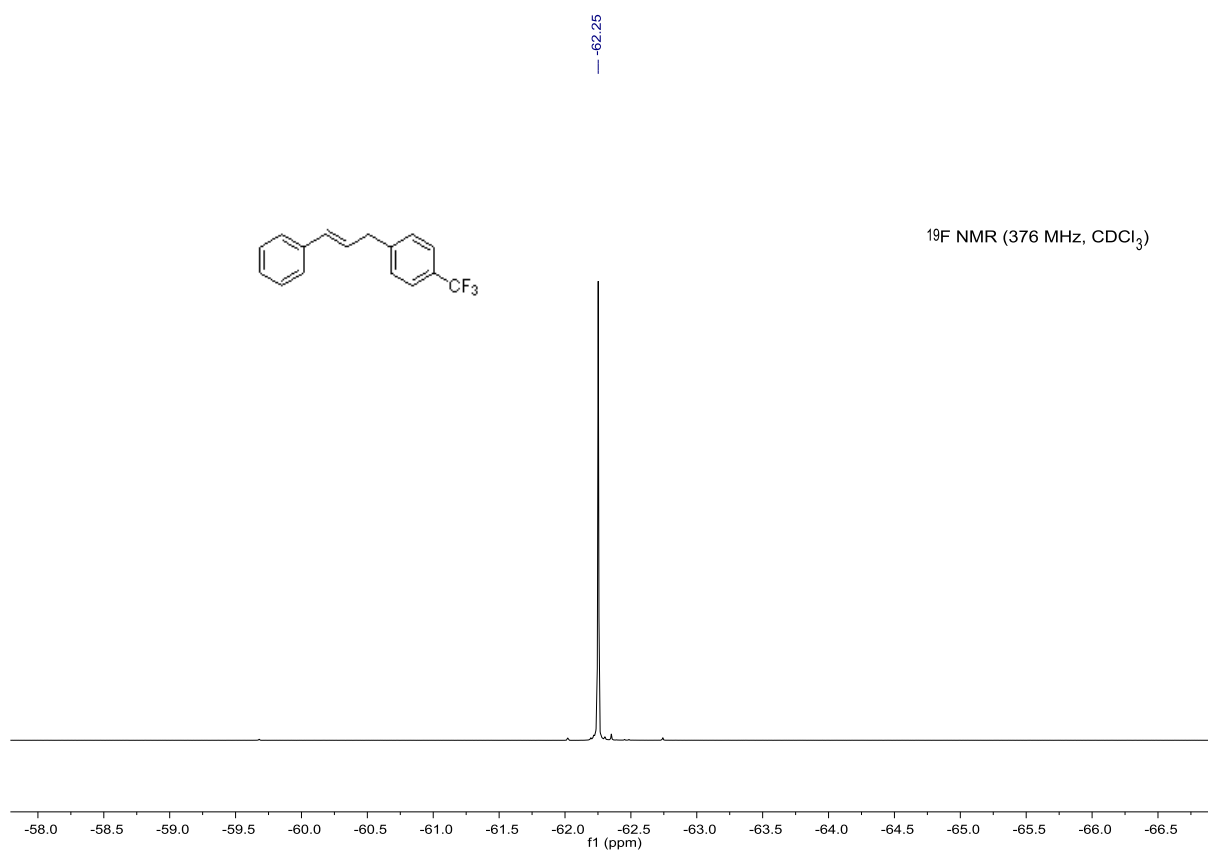
(12) 1-cinnamyl-3-fluorobenzene (**3an**)



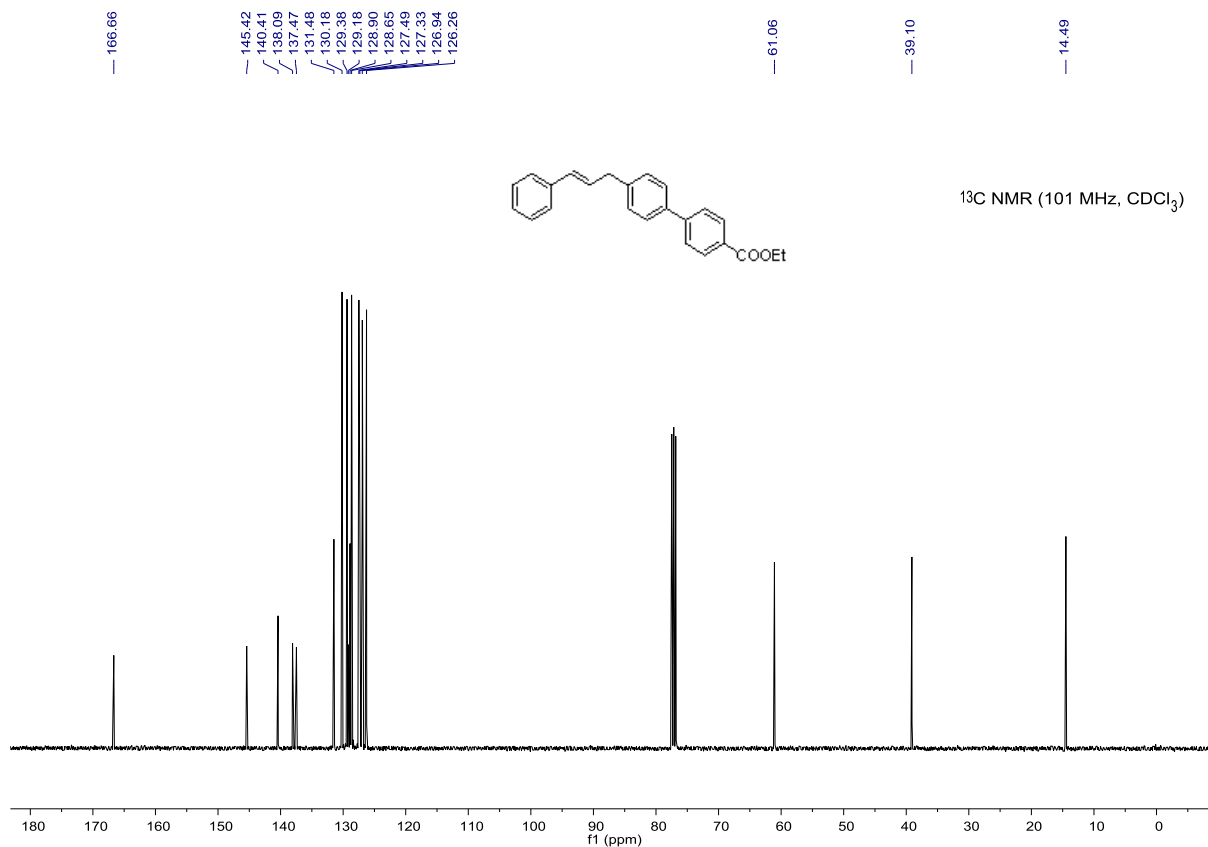
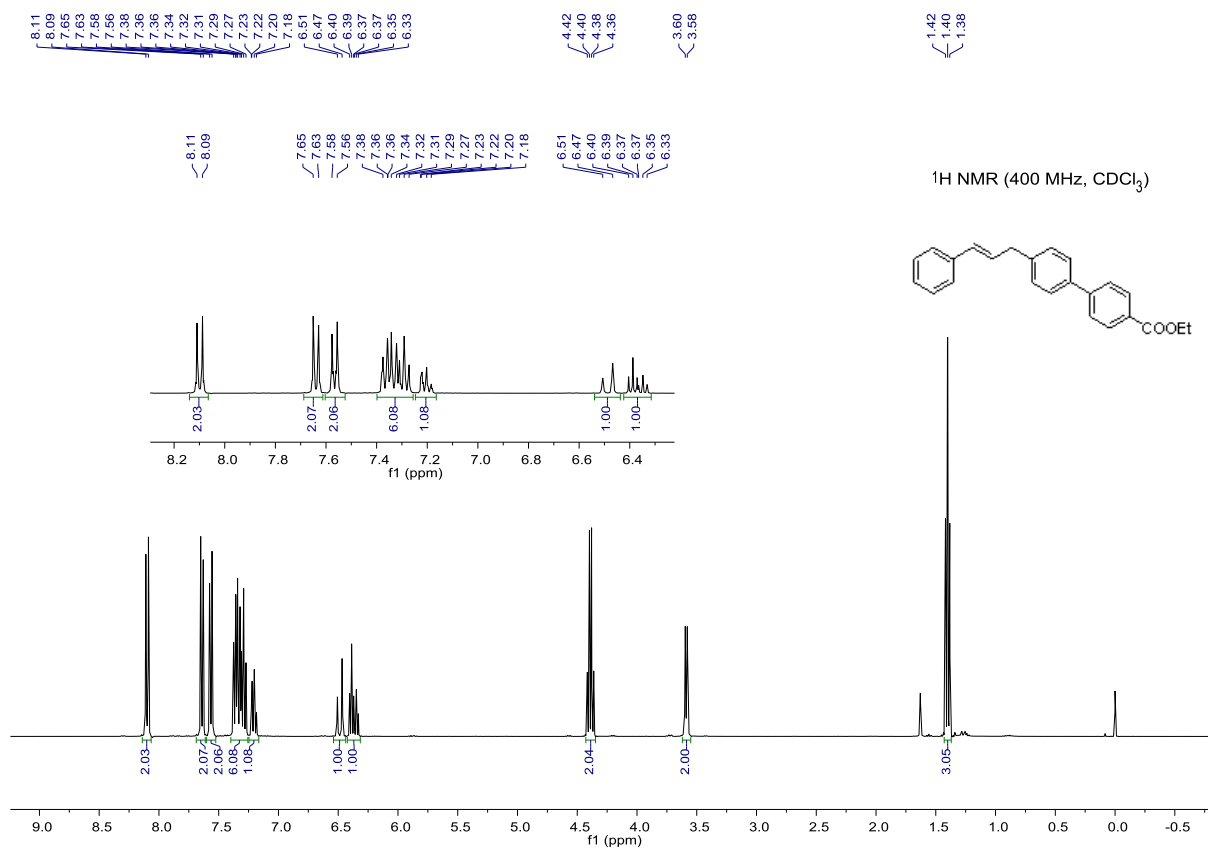


(13) 1-cinnamyl-4-(trifluoromethyl)benzene (**3ao**)

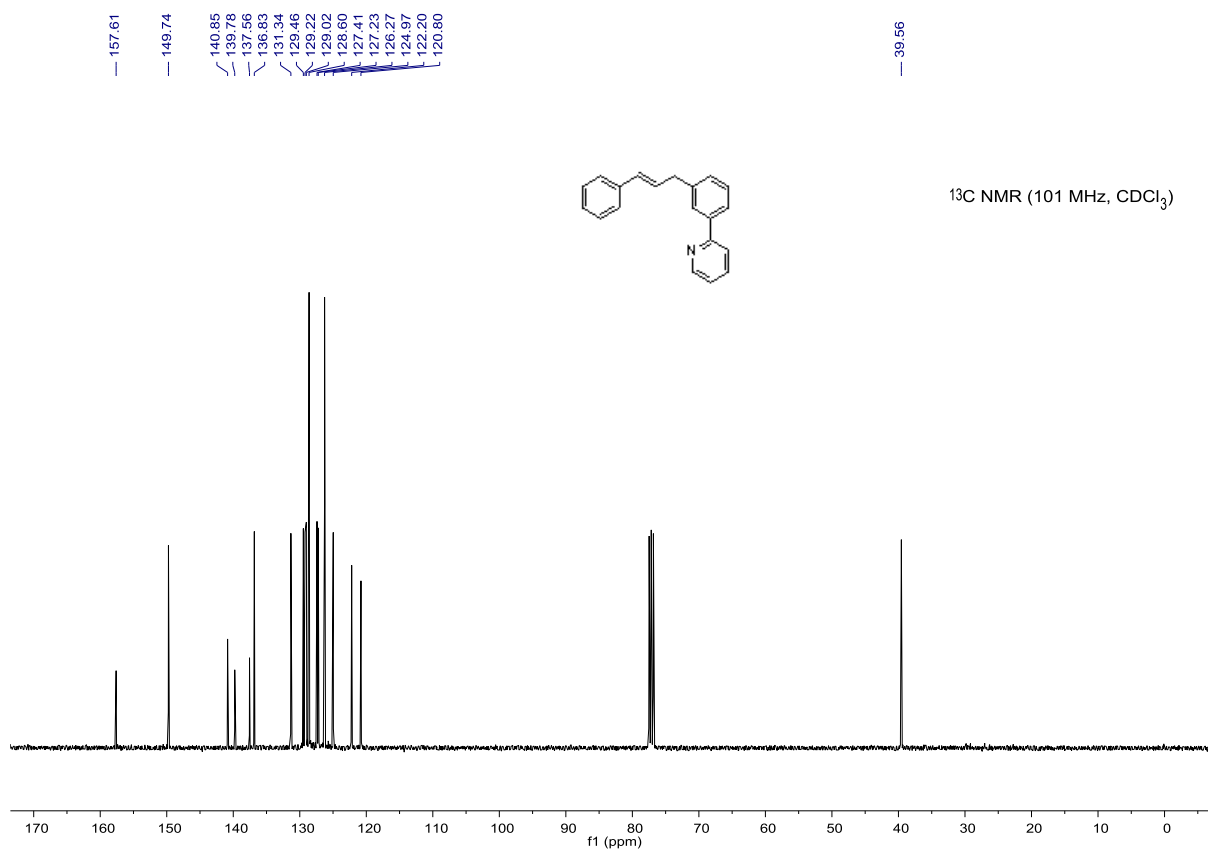
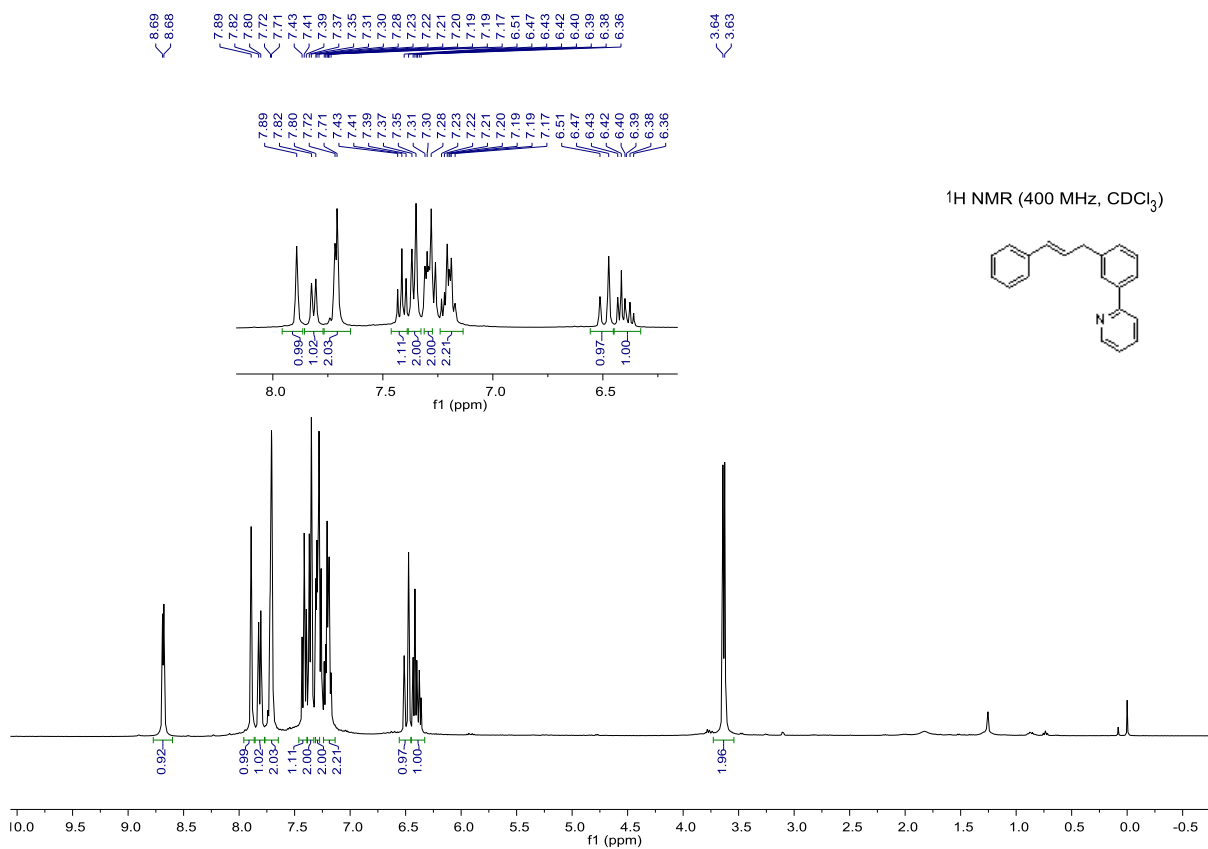




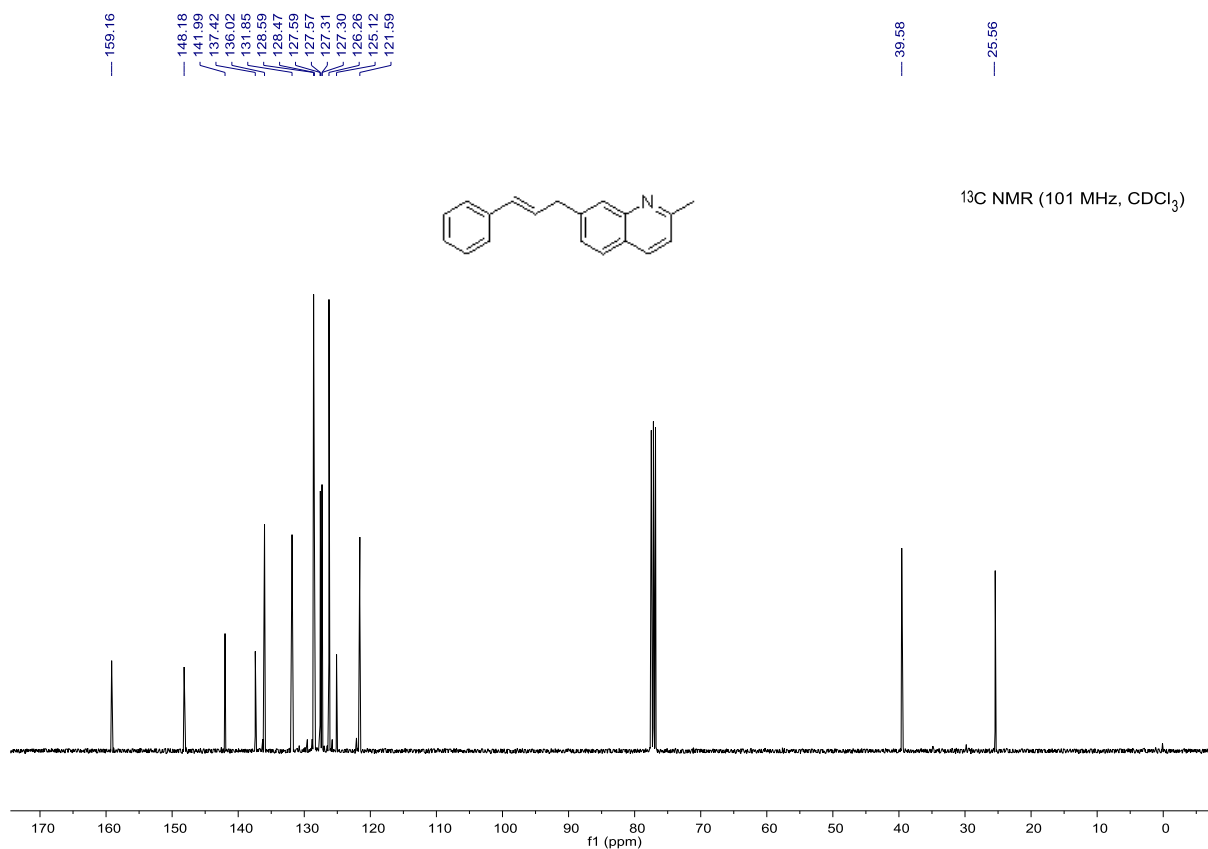
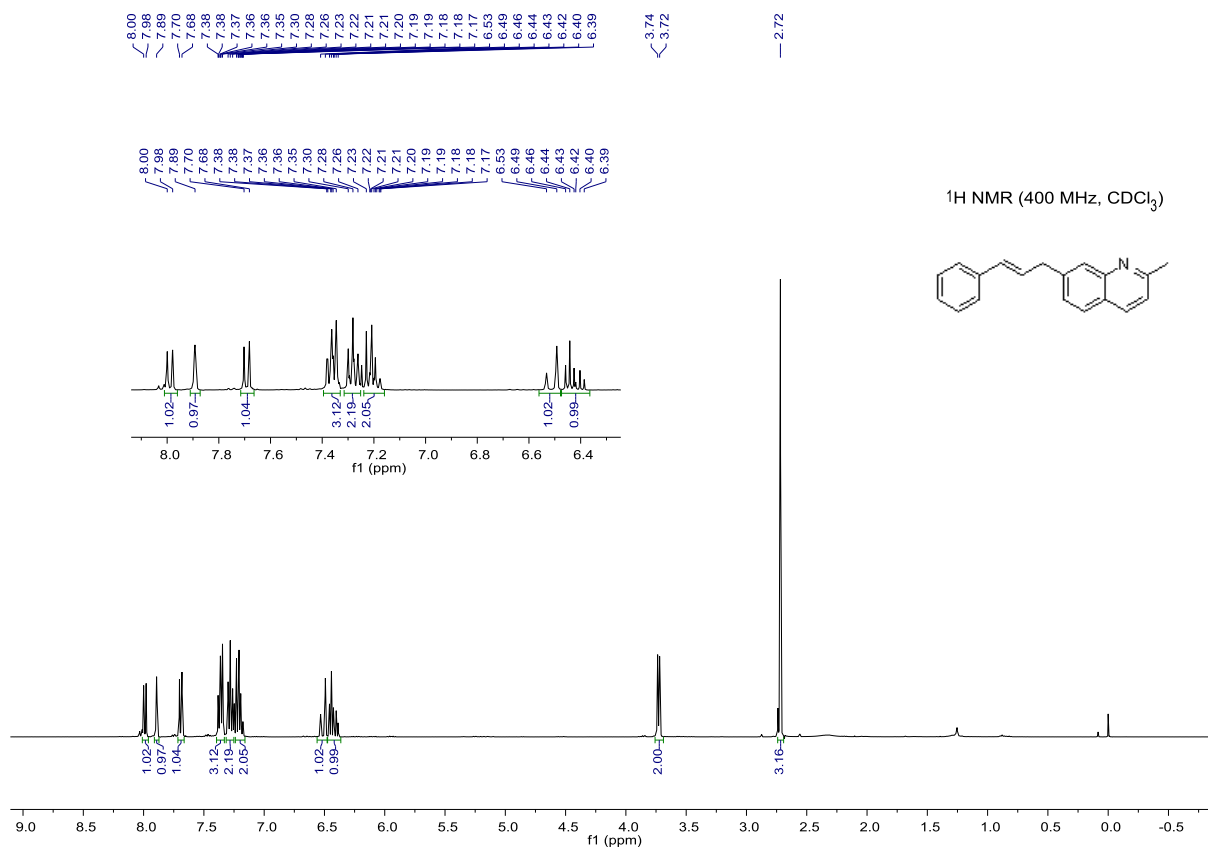
(14) ethyl 4'-cinnamyl-[1,1'-biphenyl]-4-carboxylate (**3ap**)



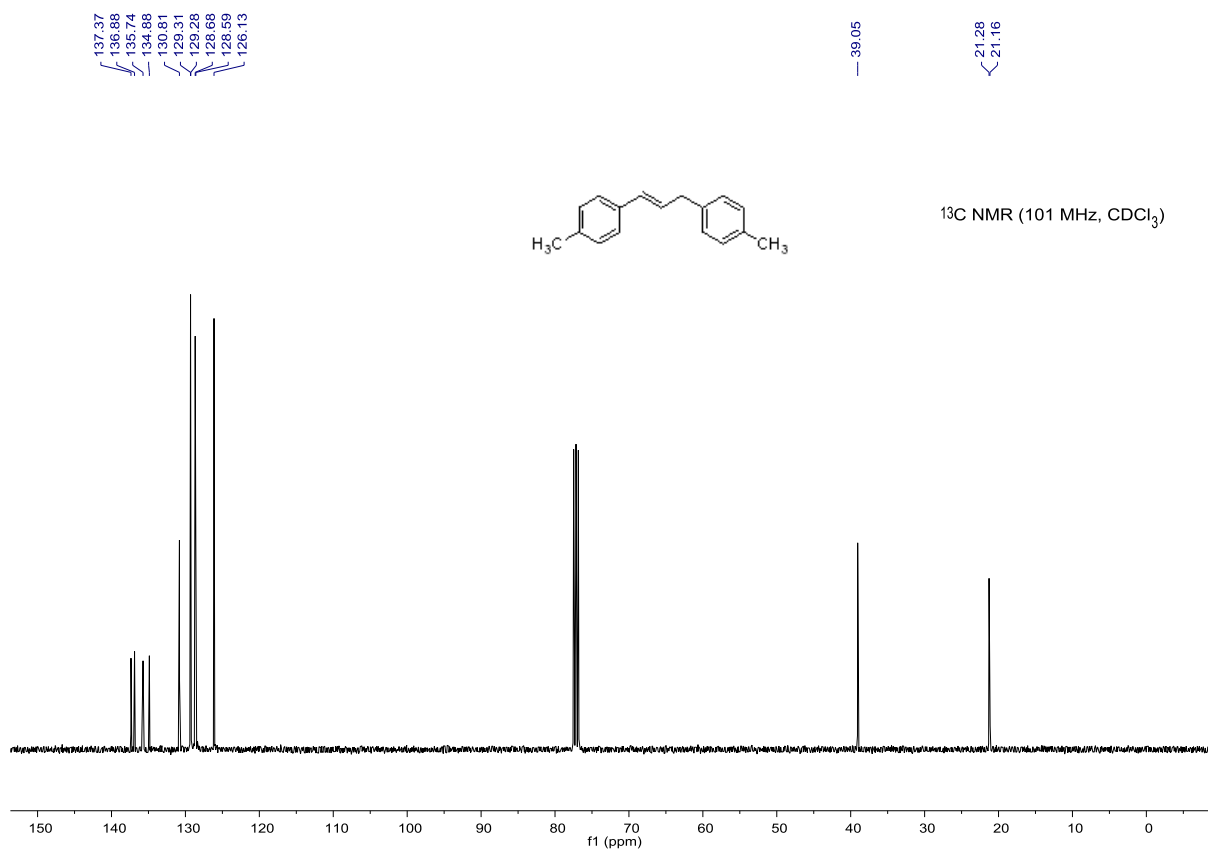
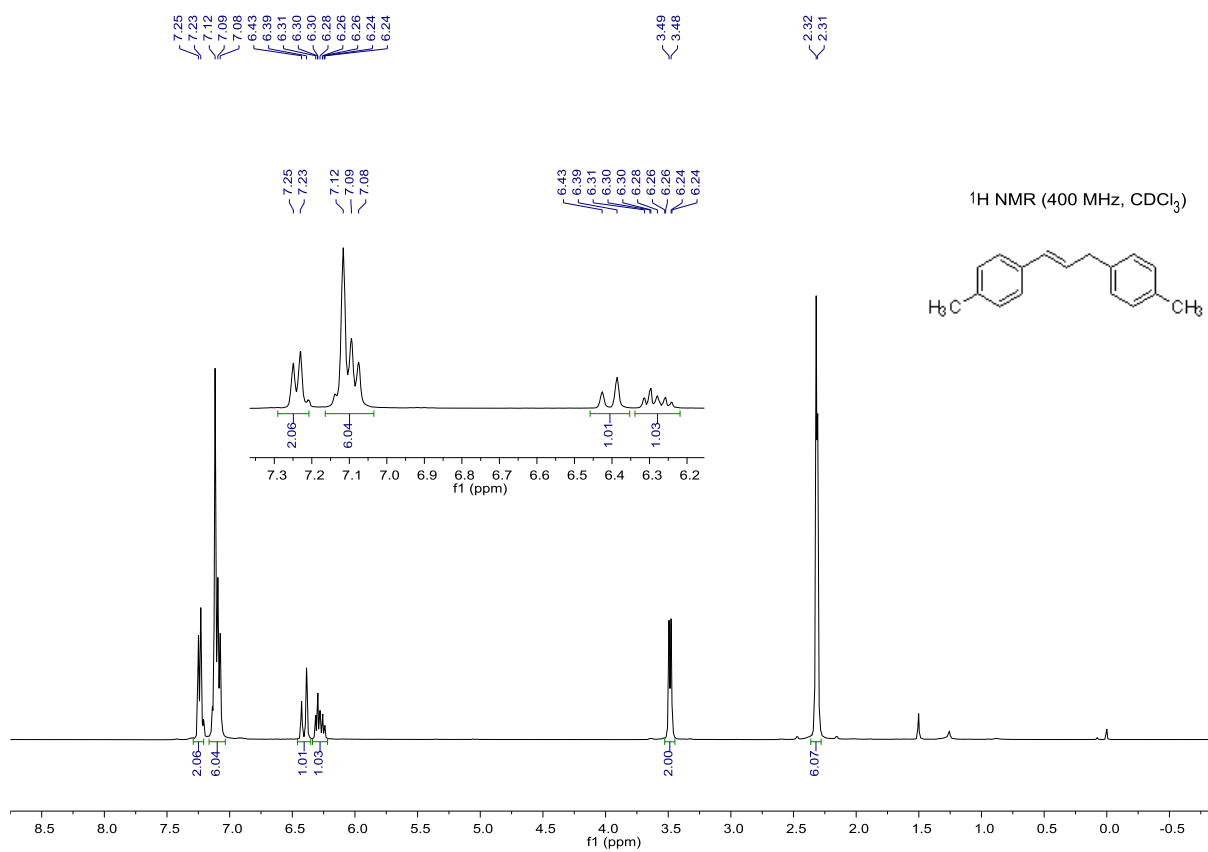
(15) 2-(3-cinnamylphenyl)pyridine (**3aq**)



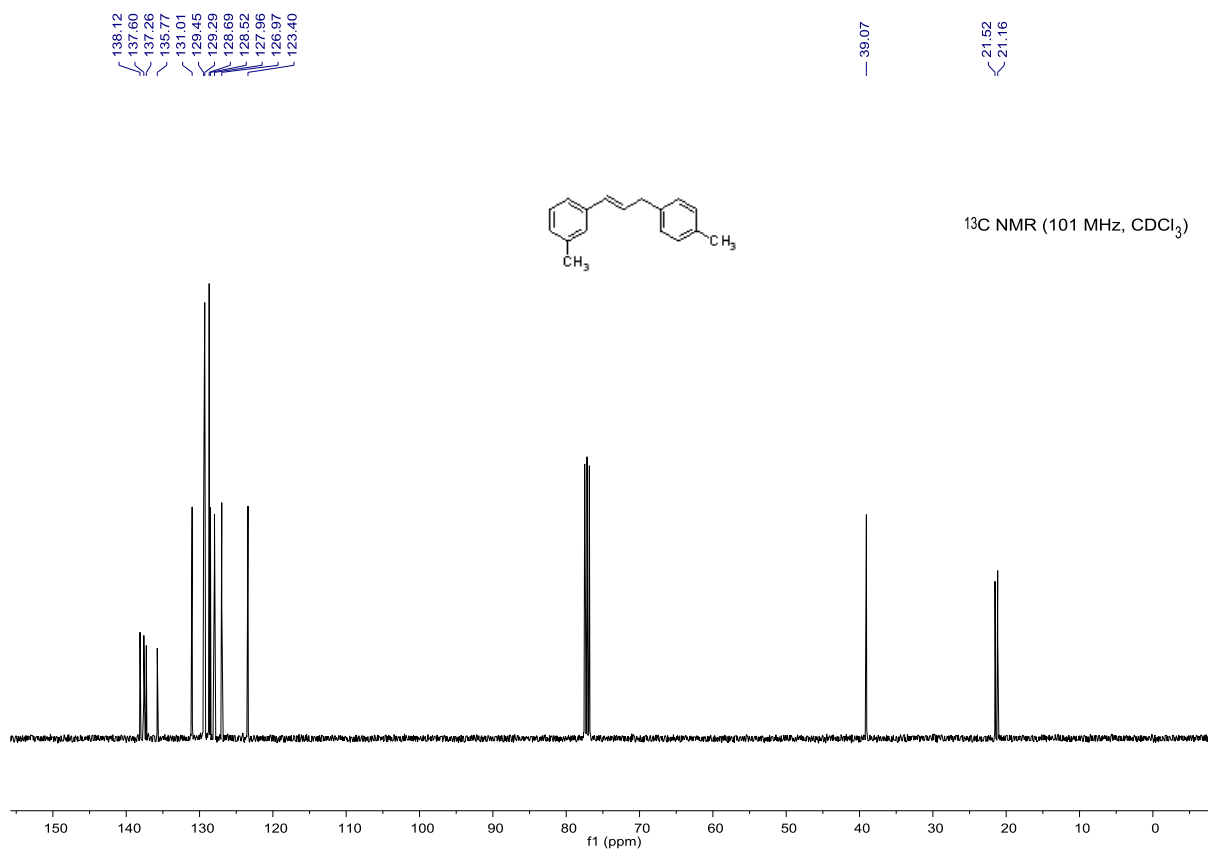
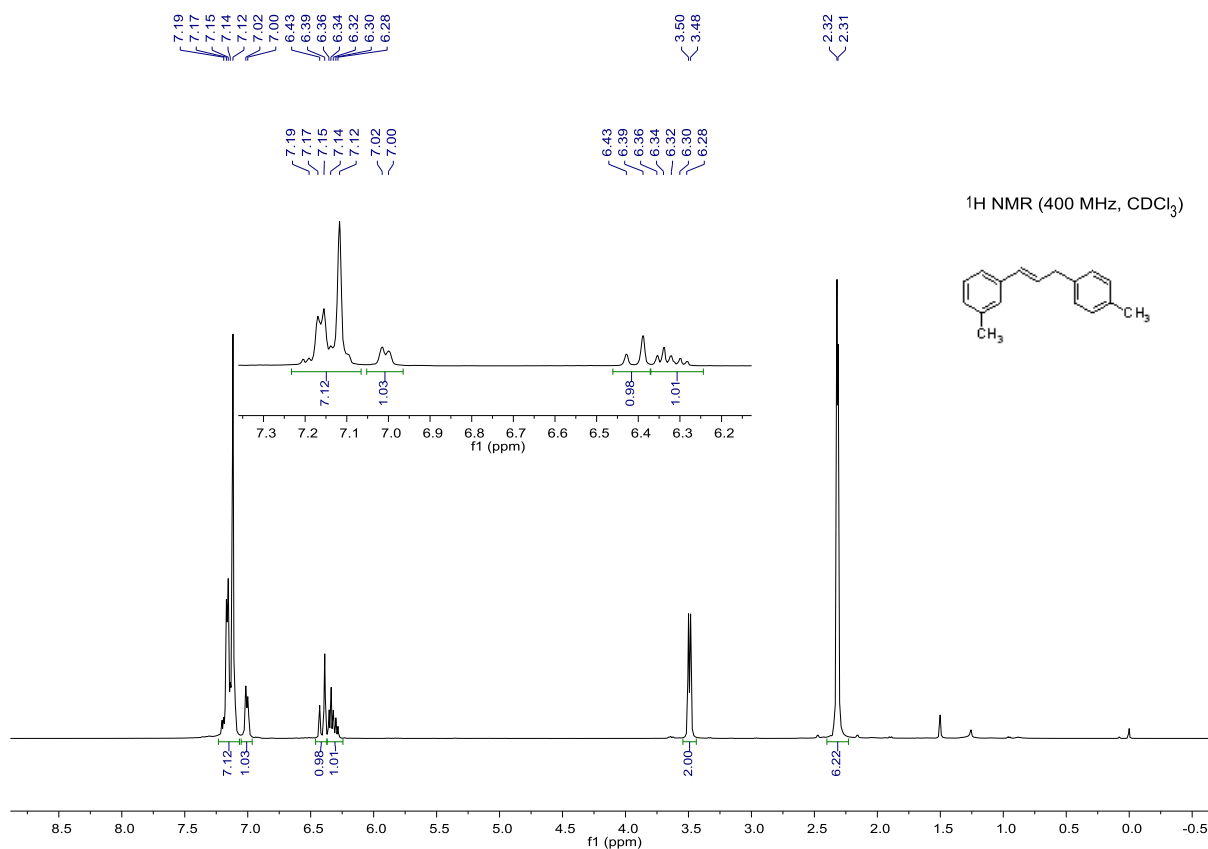
(16) 7-cinnamyl-2-methylquinoline (3ar)



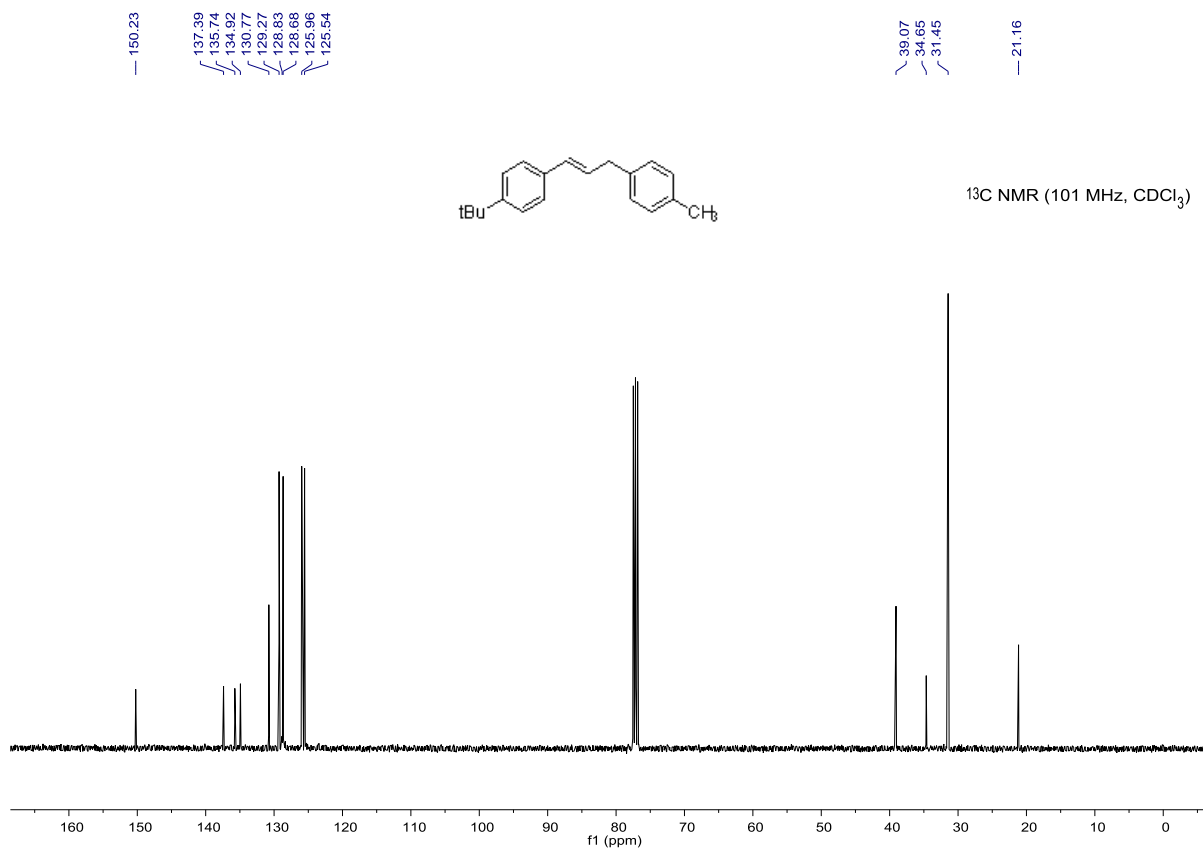
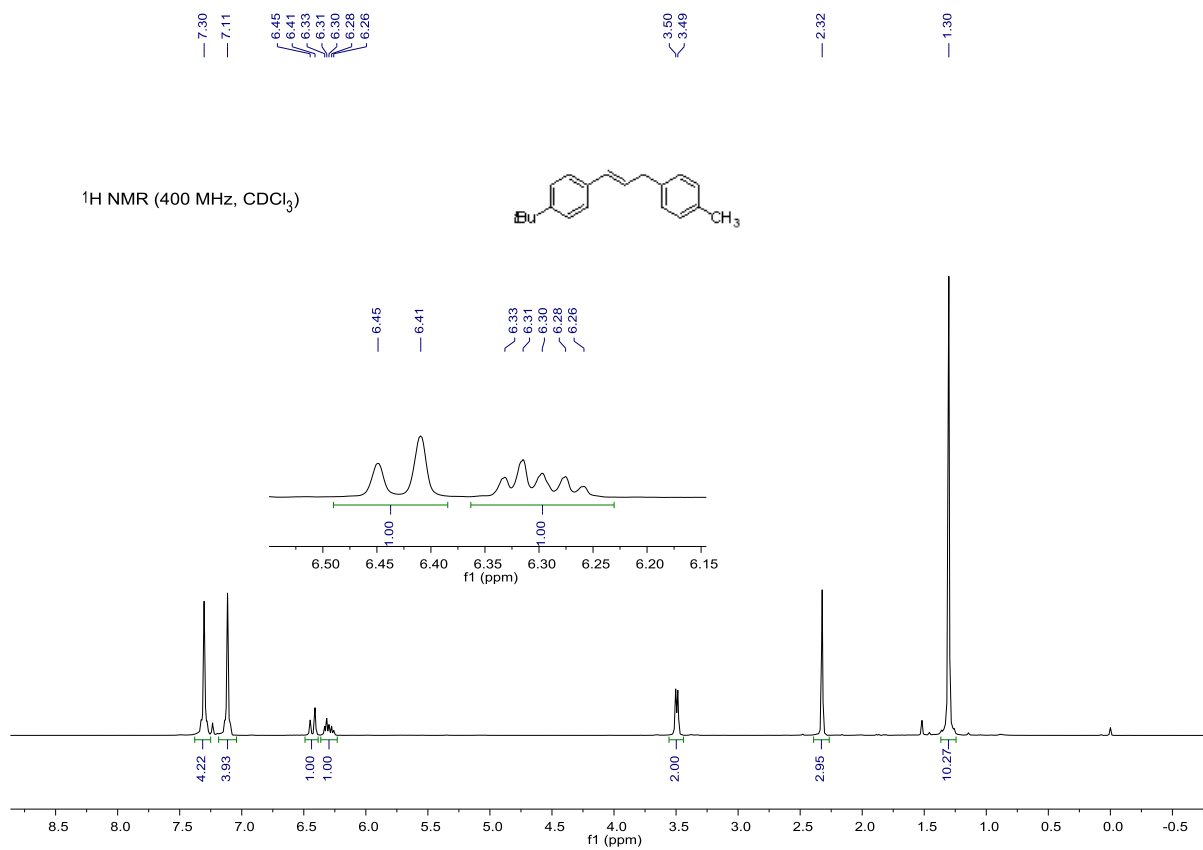
(17) (*E*)-4,4'-(prop-1-ene-1,3-diyl)bis(methylbenzene) (**3ba**)



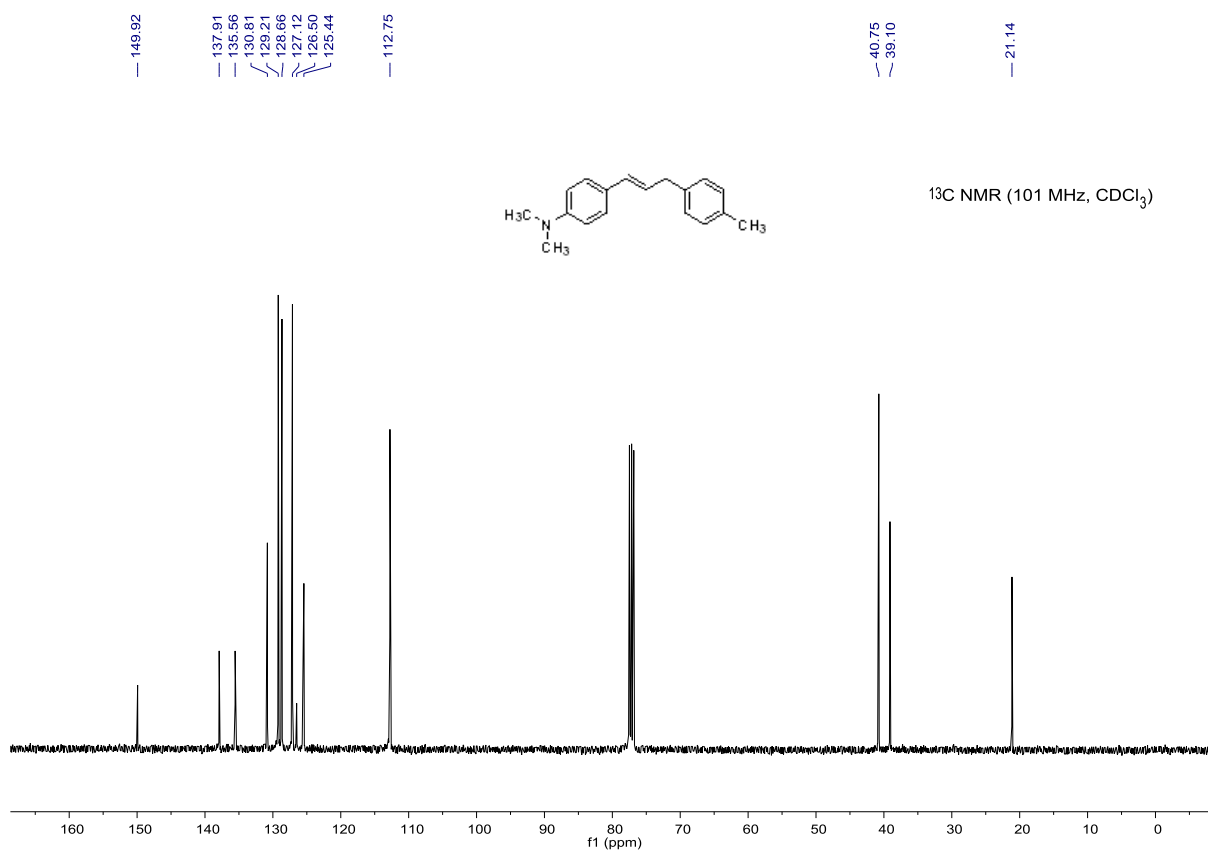
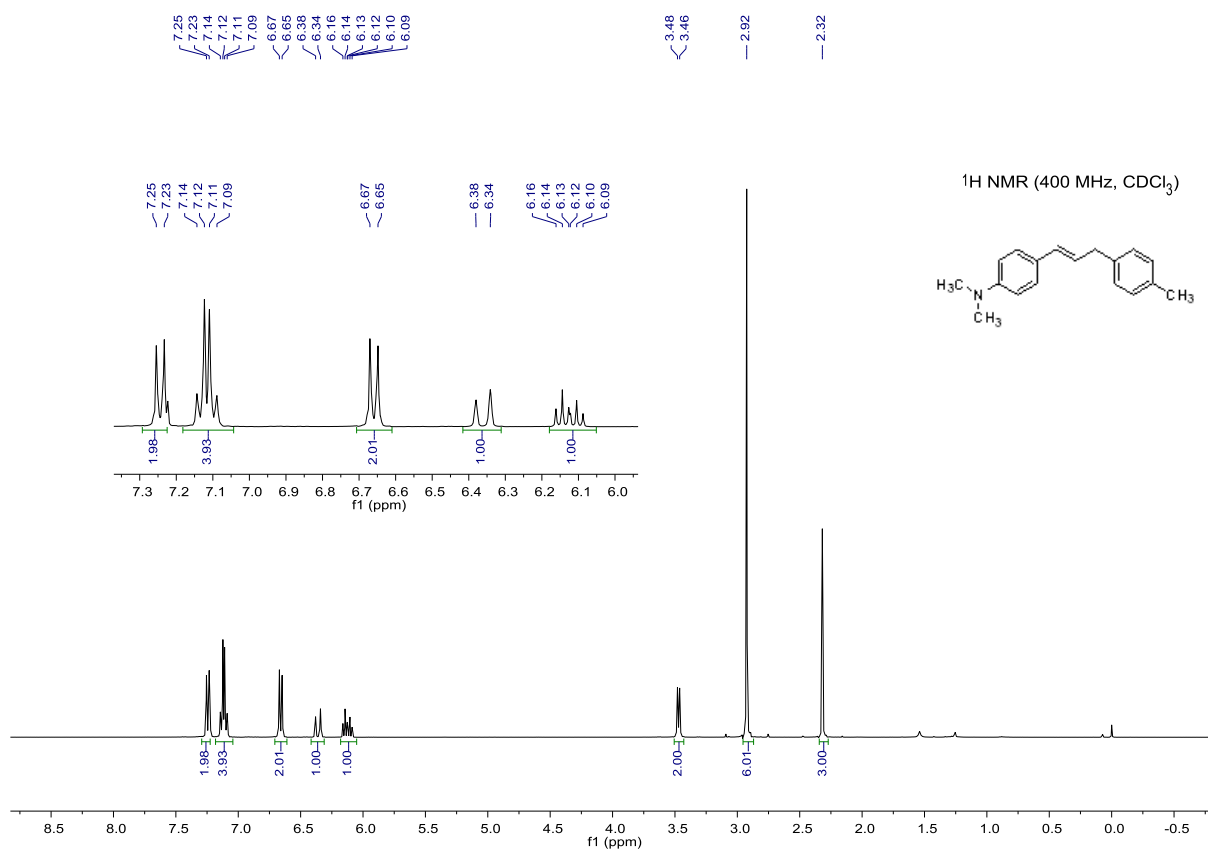
(18) (*E*)-1-methyl-3-(3-(*p*-tolyl)prop-1-en-1-yl)benzene (**3bb**)



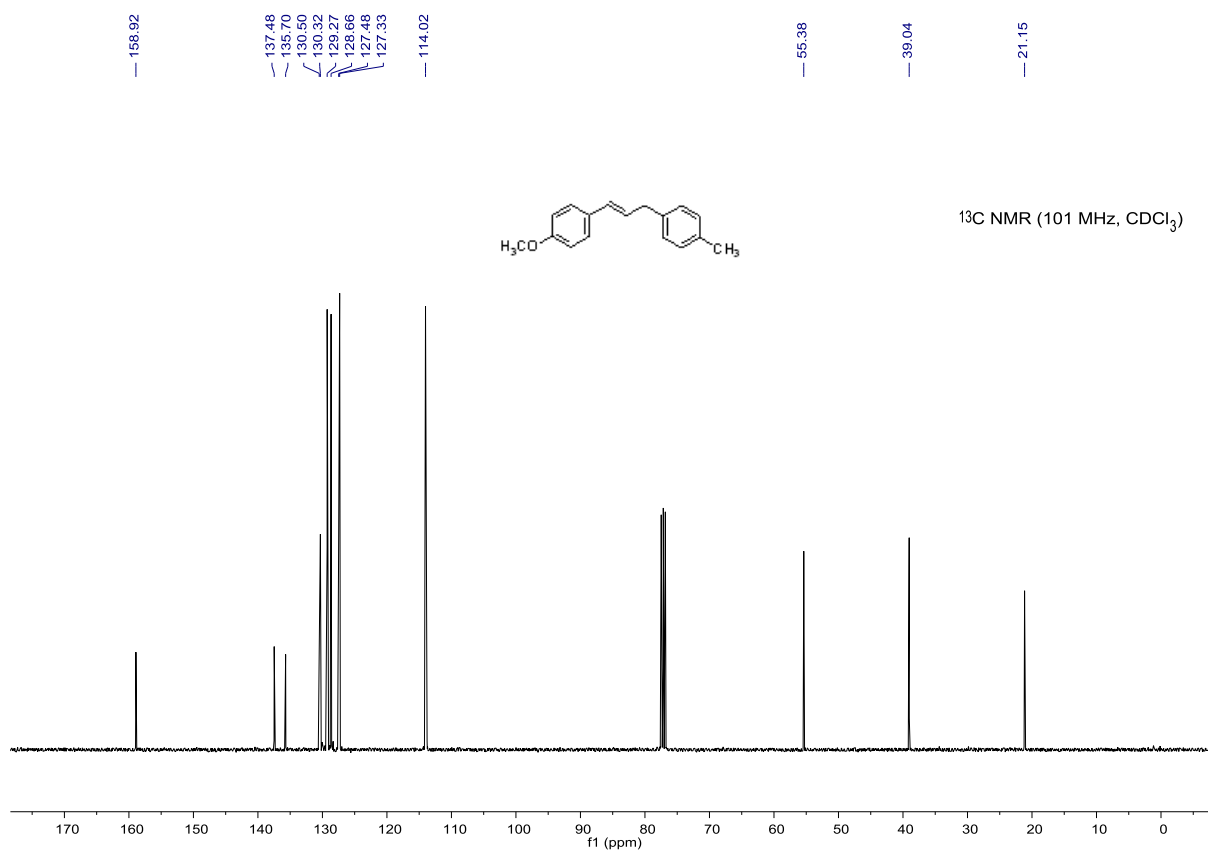
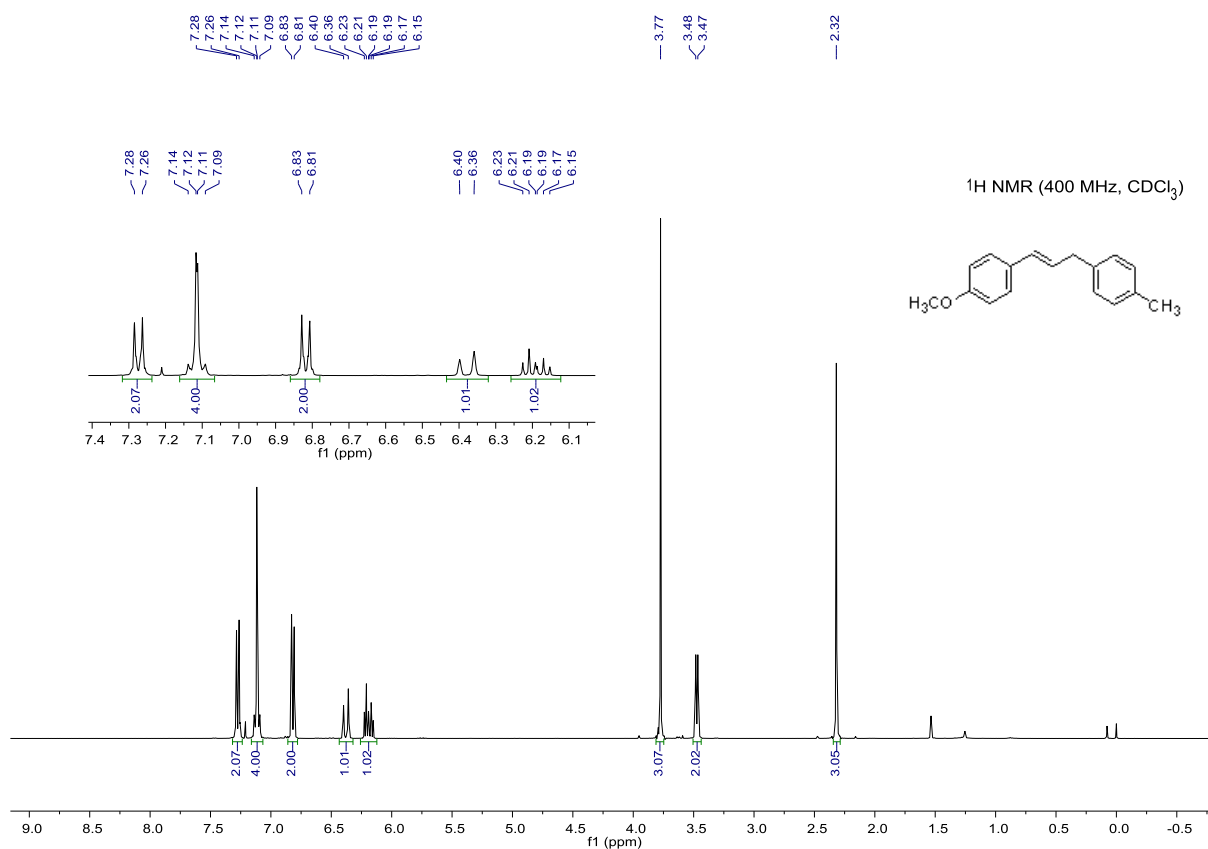
(19) (*E*)-1-(*tert*-butyl)-4-(3-(*p*-tolyl)prop-1-en-1-yl)benzene (**3bc**)



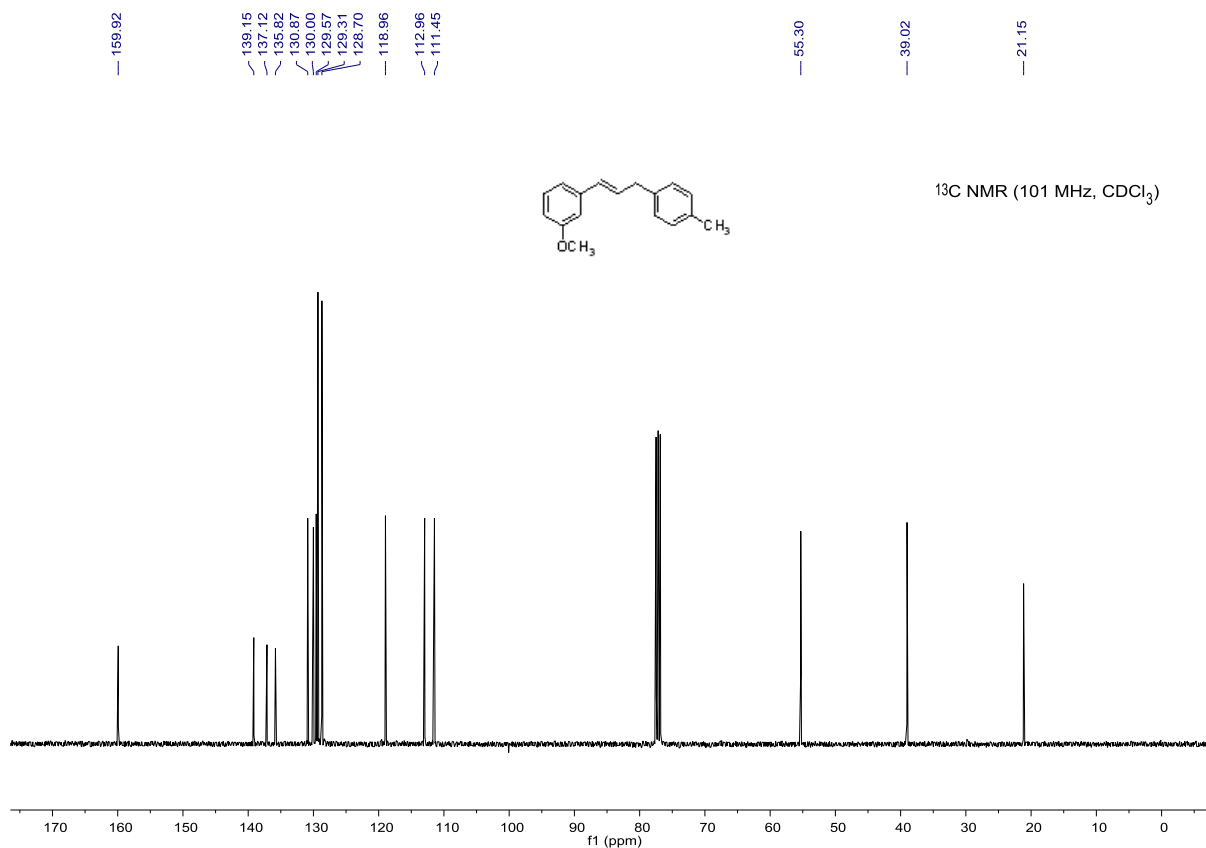
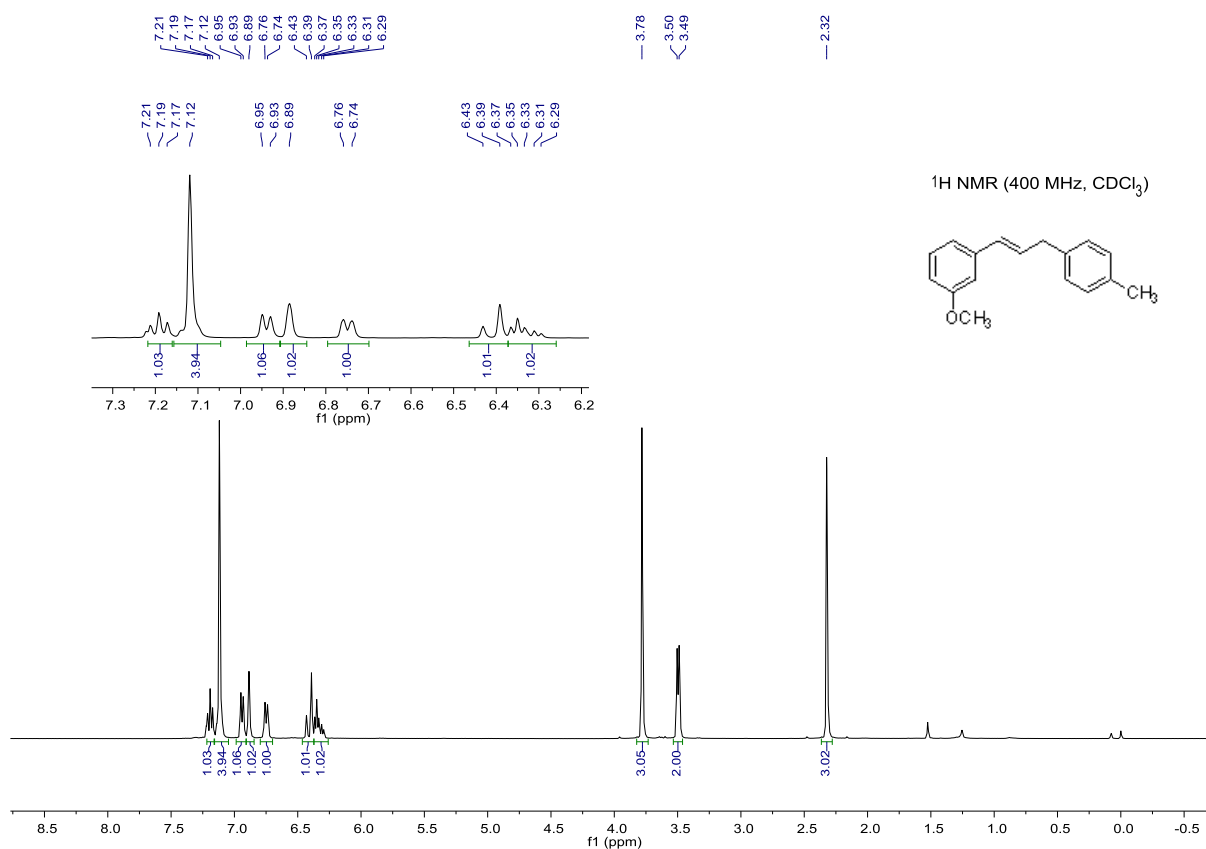
(20) (*E*)-*N,N*-dimethyl-4-(3-(*p*-tolyl)prop-1-en-1-yl)aniline (**3bd**)



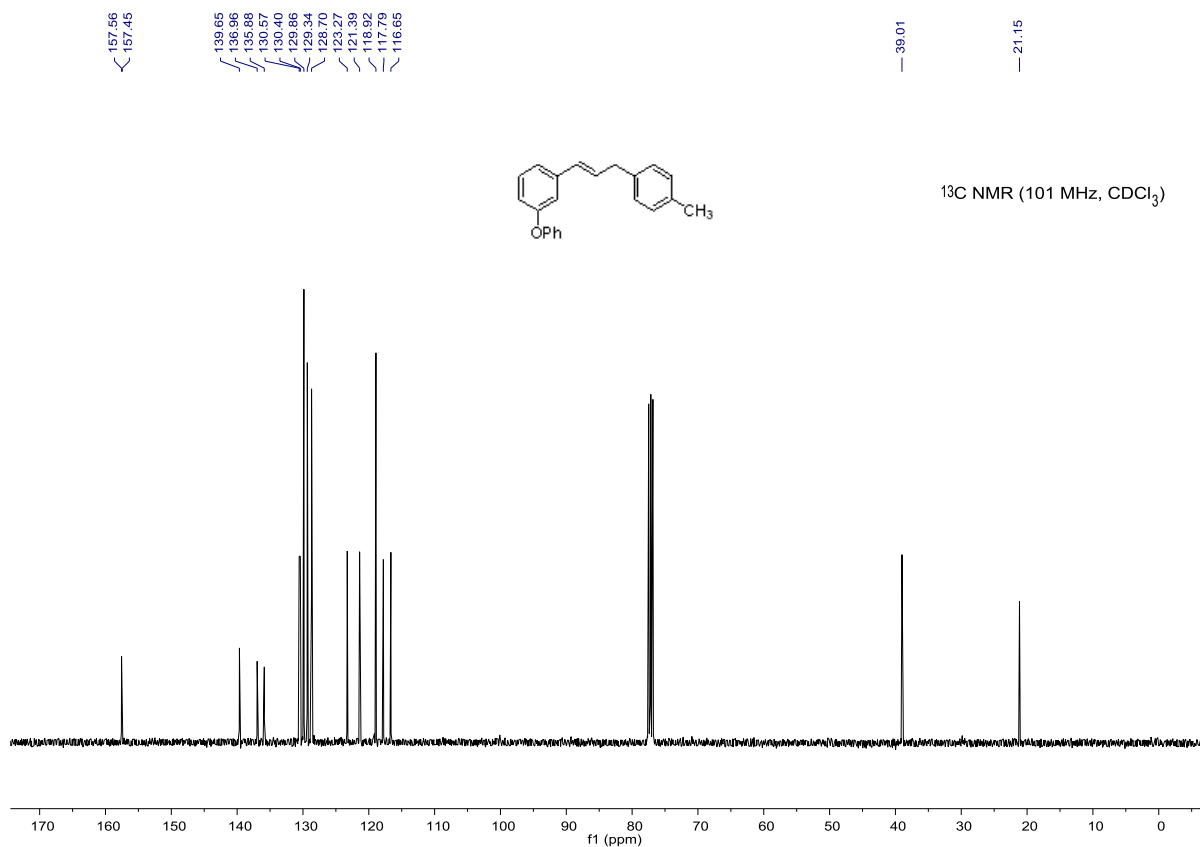
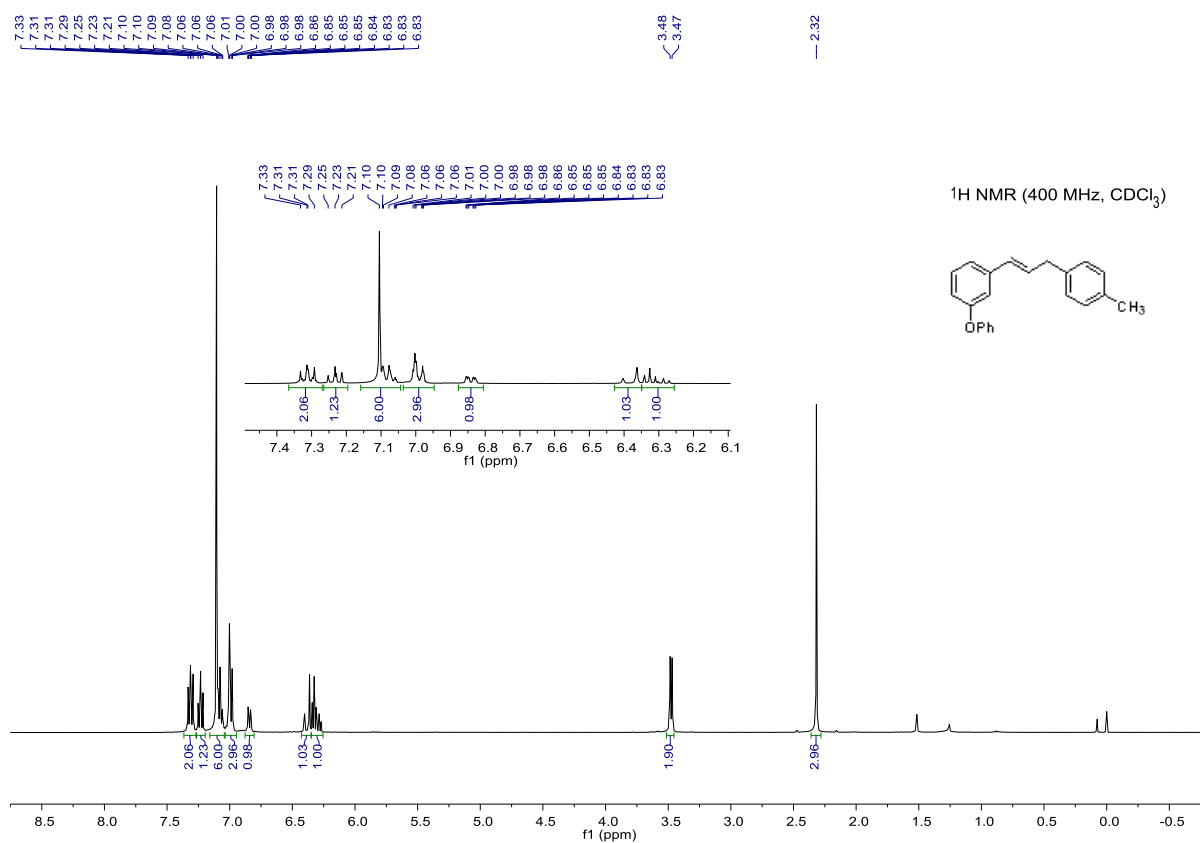
(21) (E)-1-methoxy-4-(3-(p-tolyl)prop-1-en-1-yl)benzene (**3be**)



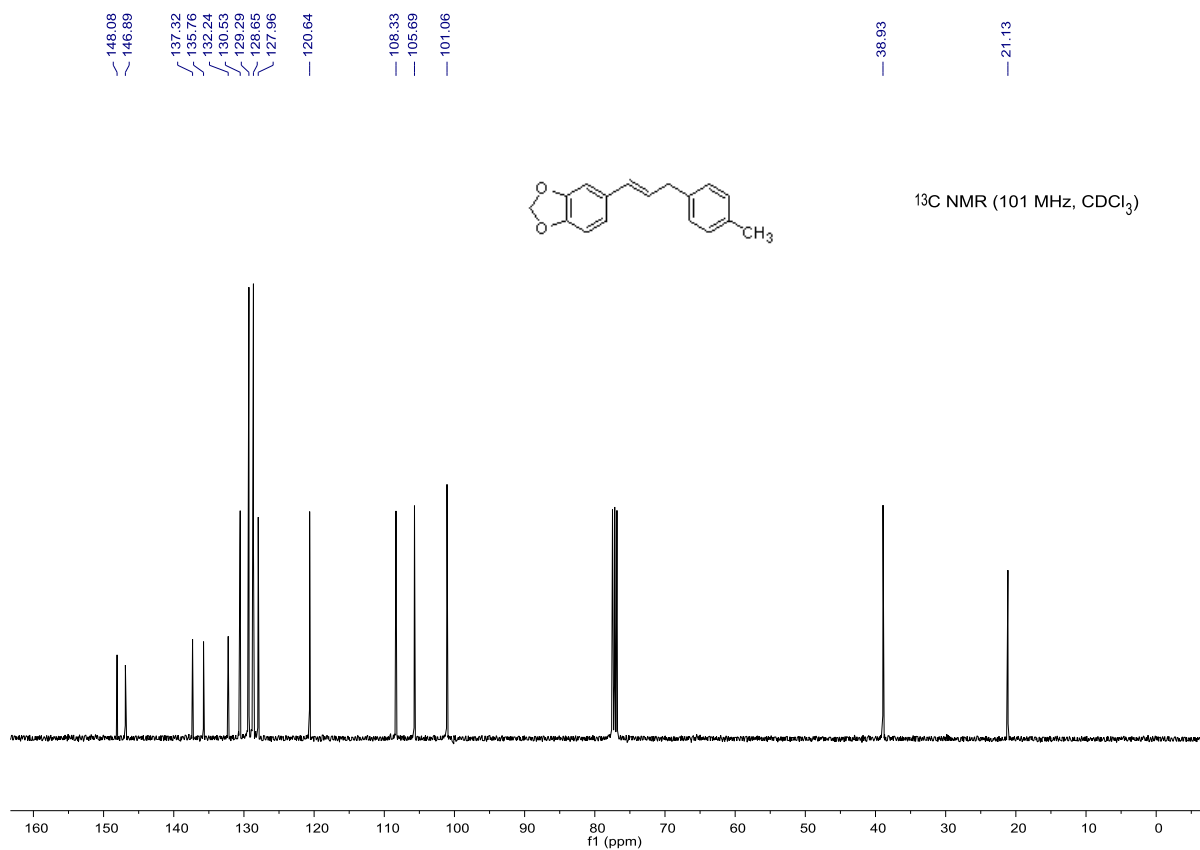
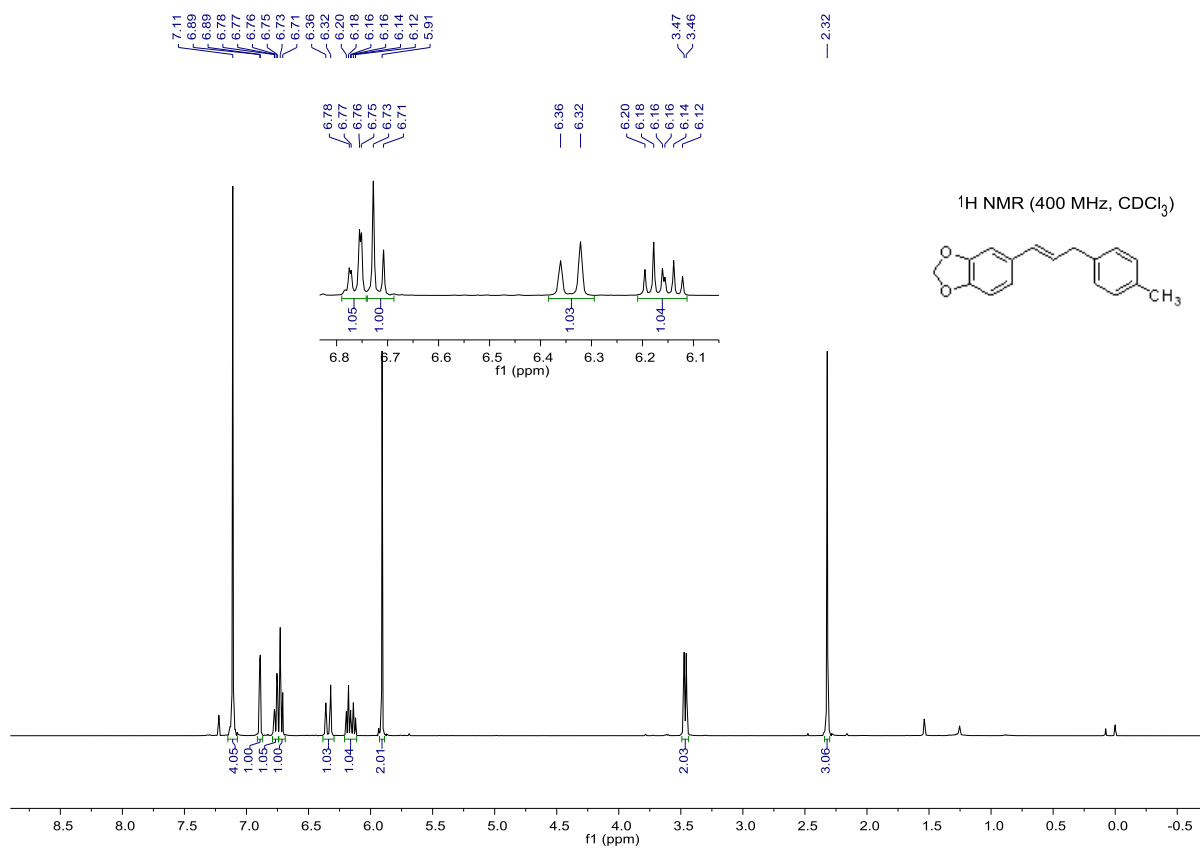
(22) (*E*)-1-methoxy-3-(3-(*p*-tolyl)prop-1-en-1-yl)benzene (**3bf**)



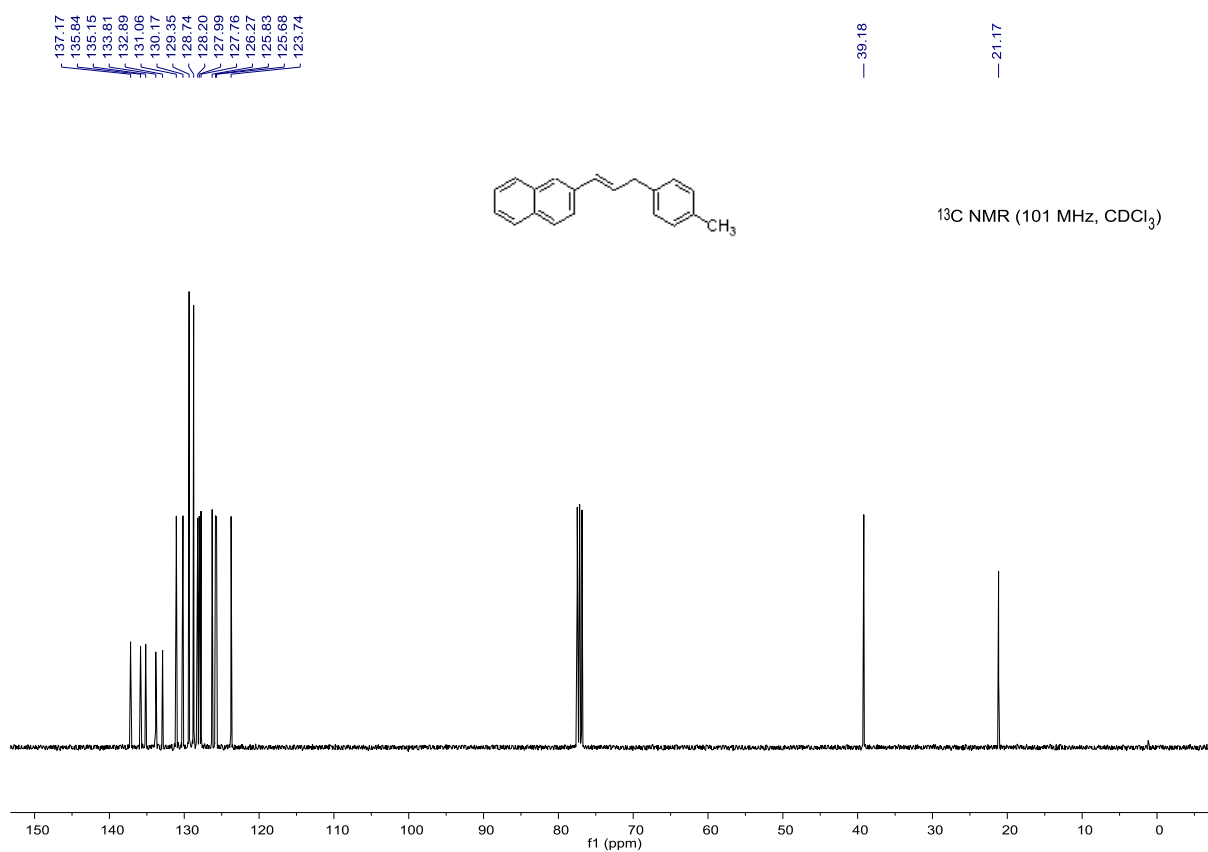
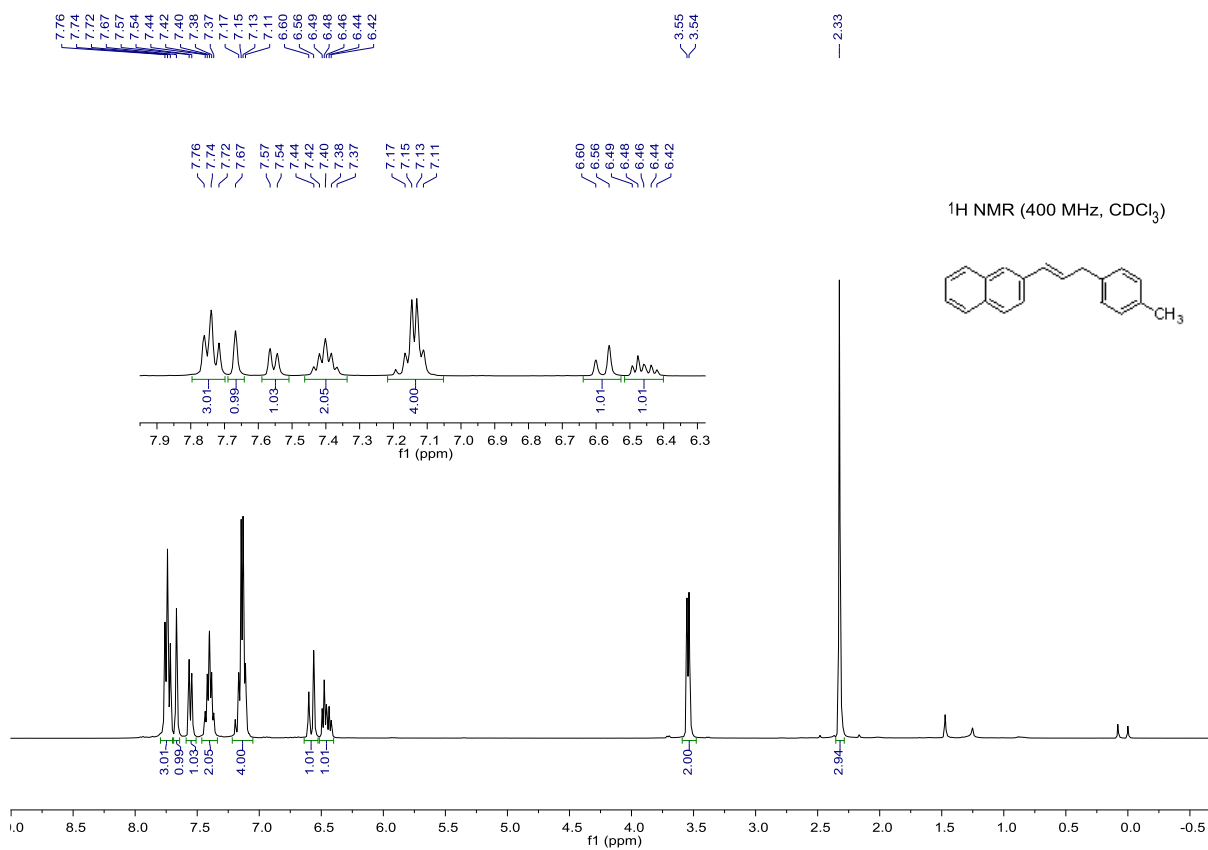
(23) (*E*)-1-phenoxy-3-(3-(*p*-tolyl)prop-1-en-1-yl)benzene (**3bg**)



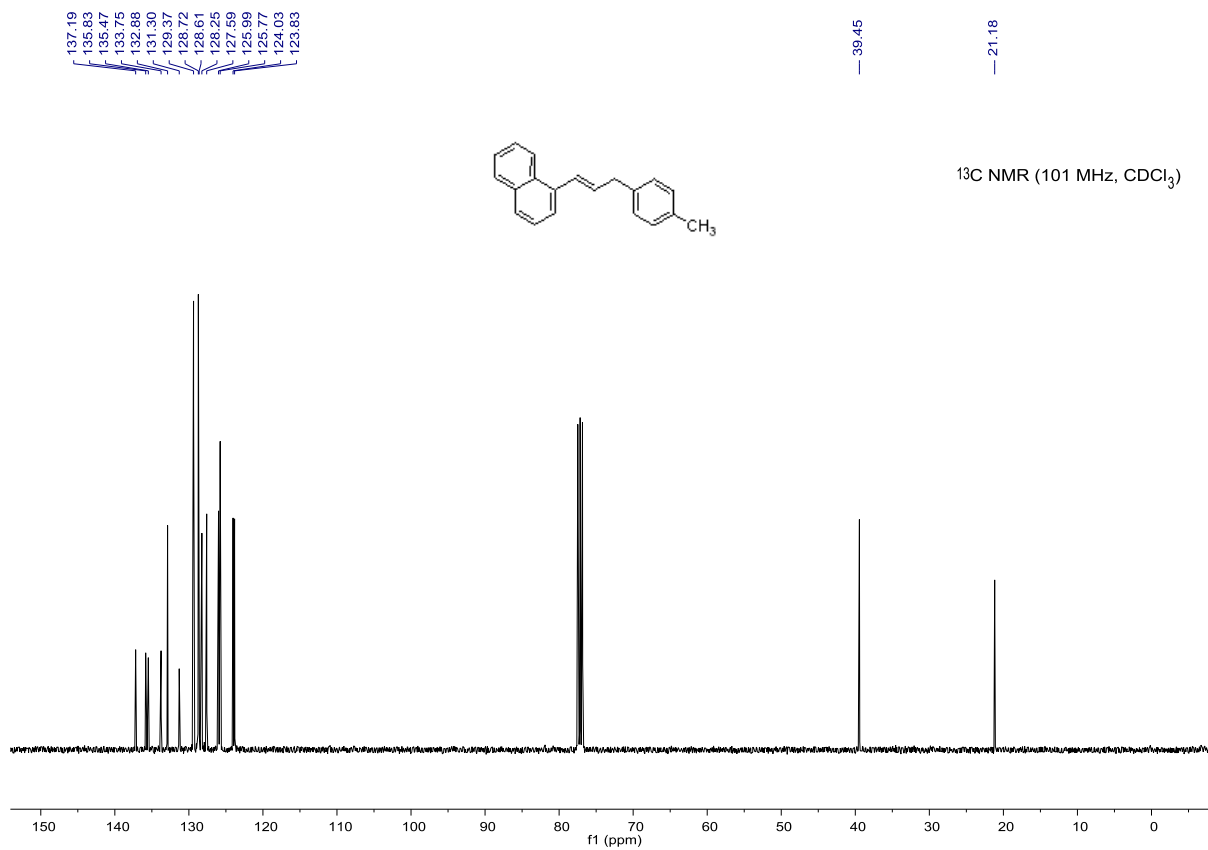
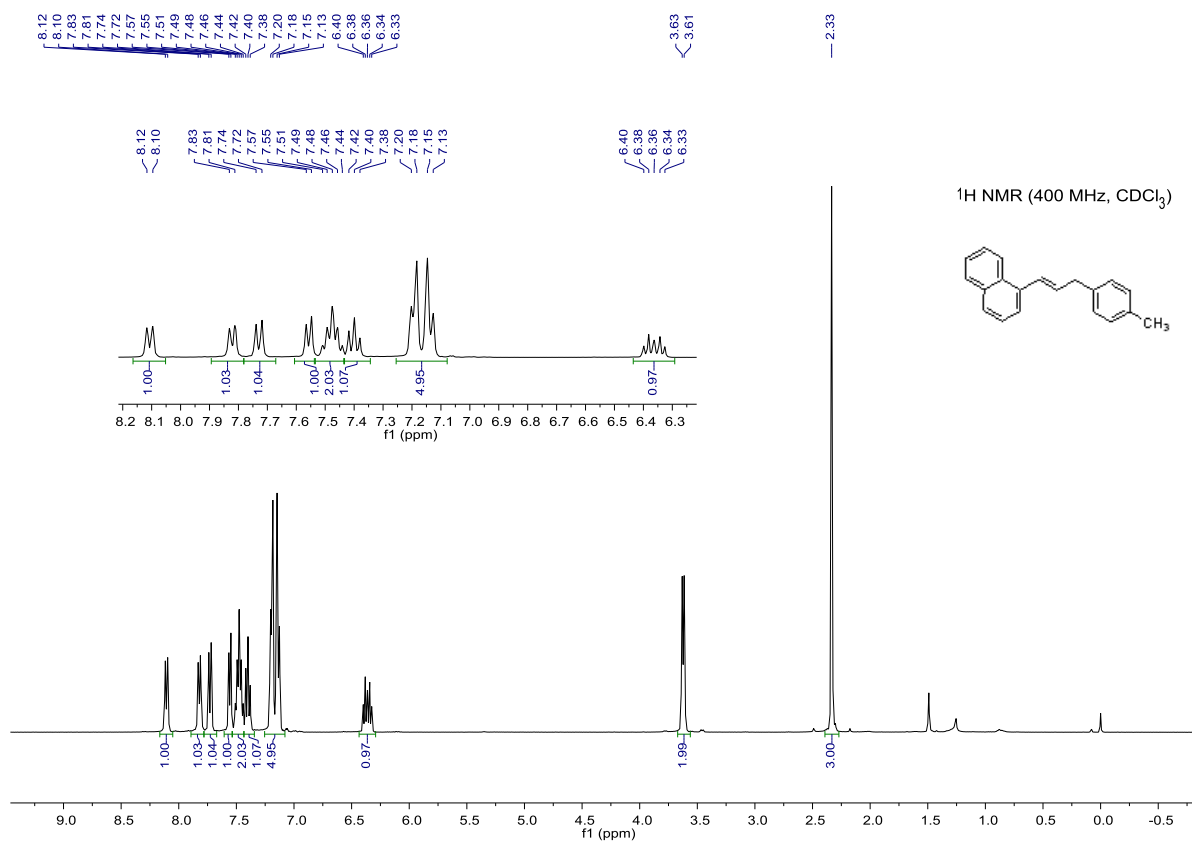
(24) (E)-5-(3-(*p*-tolyl)prop-1-en-1-yl)benzo[*d*][1,3]dioxole (**3bh**)



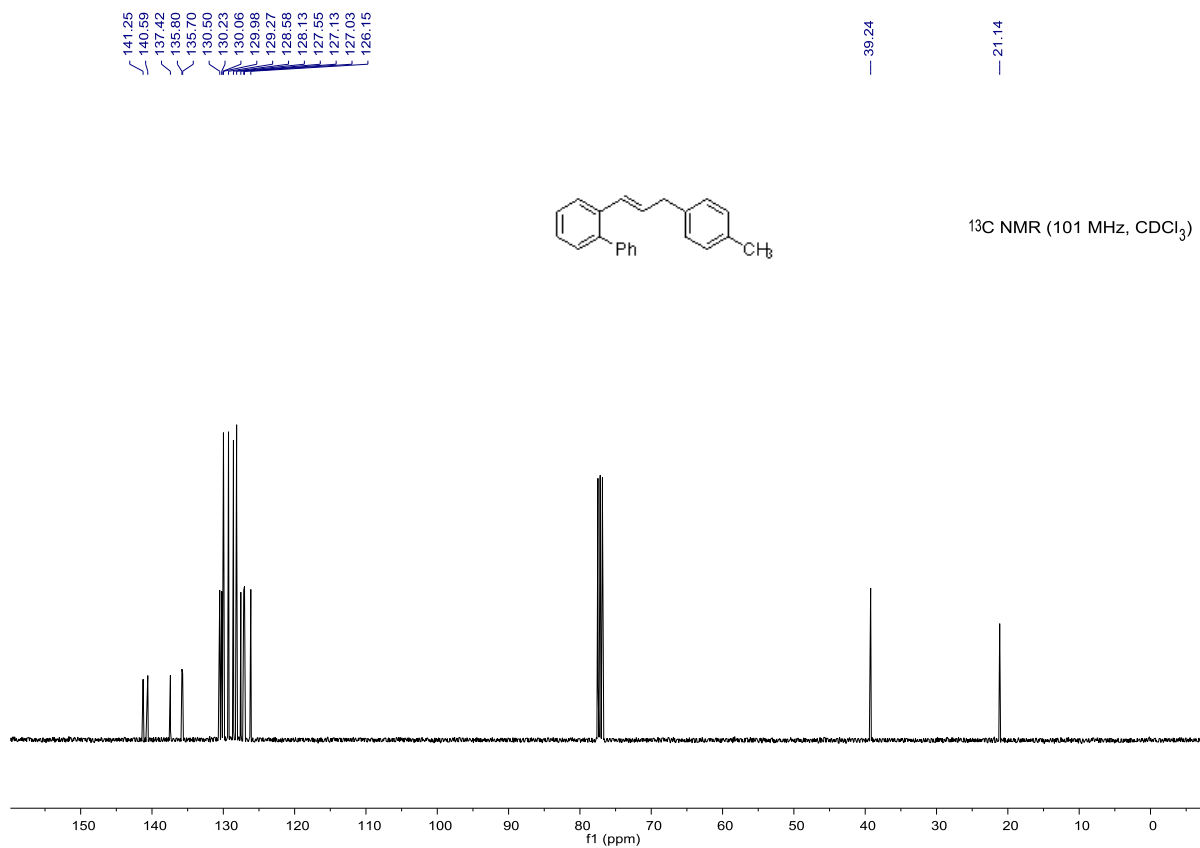
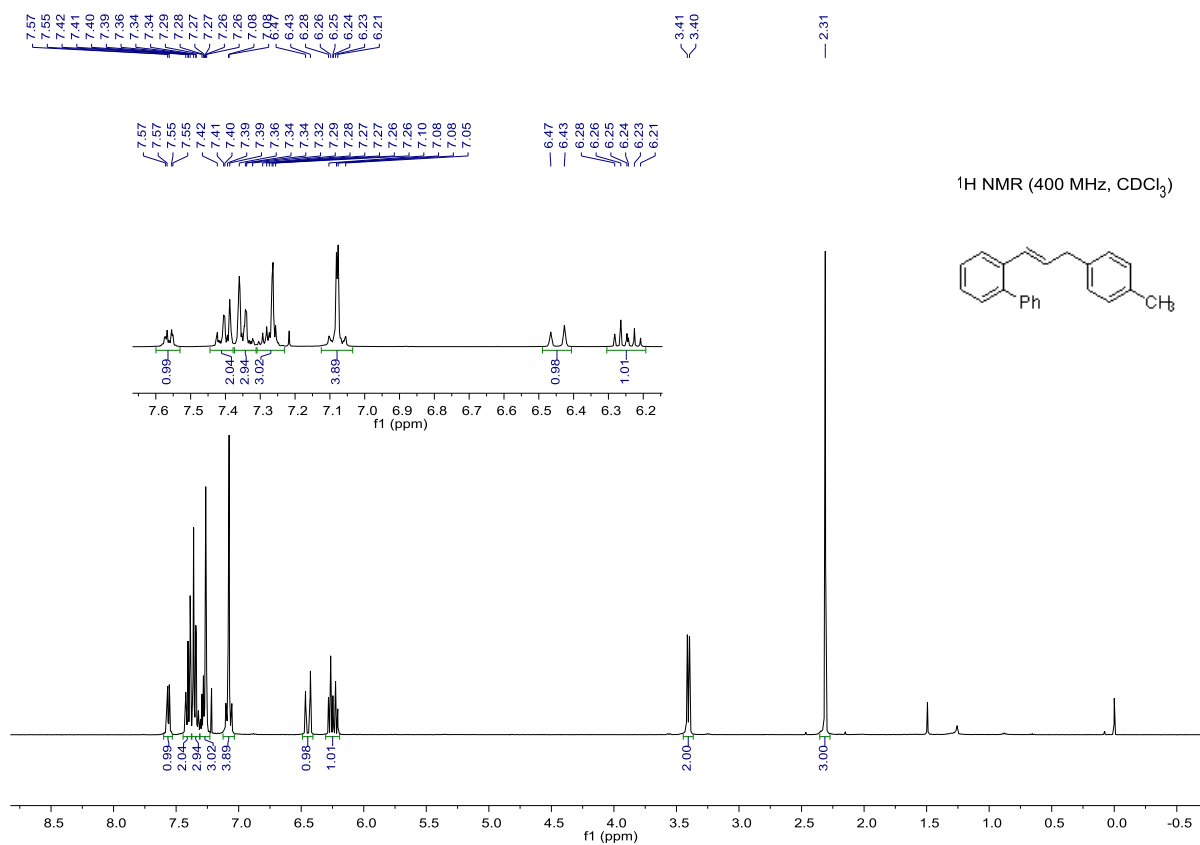
(25) (*E*)-2-(3-(*p*-tolyl)prop-1-en-1-yl)naphthalene (**3bi**)



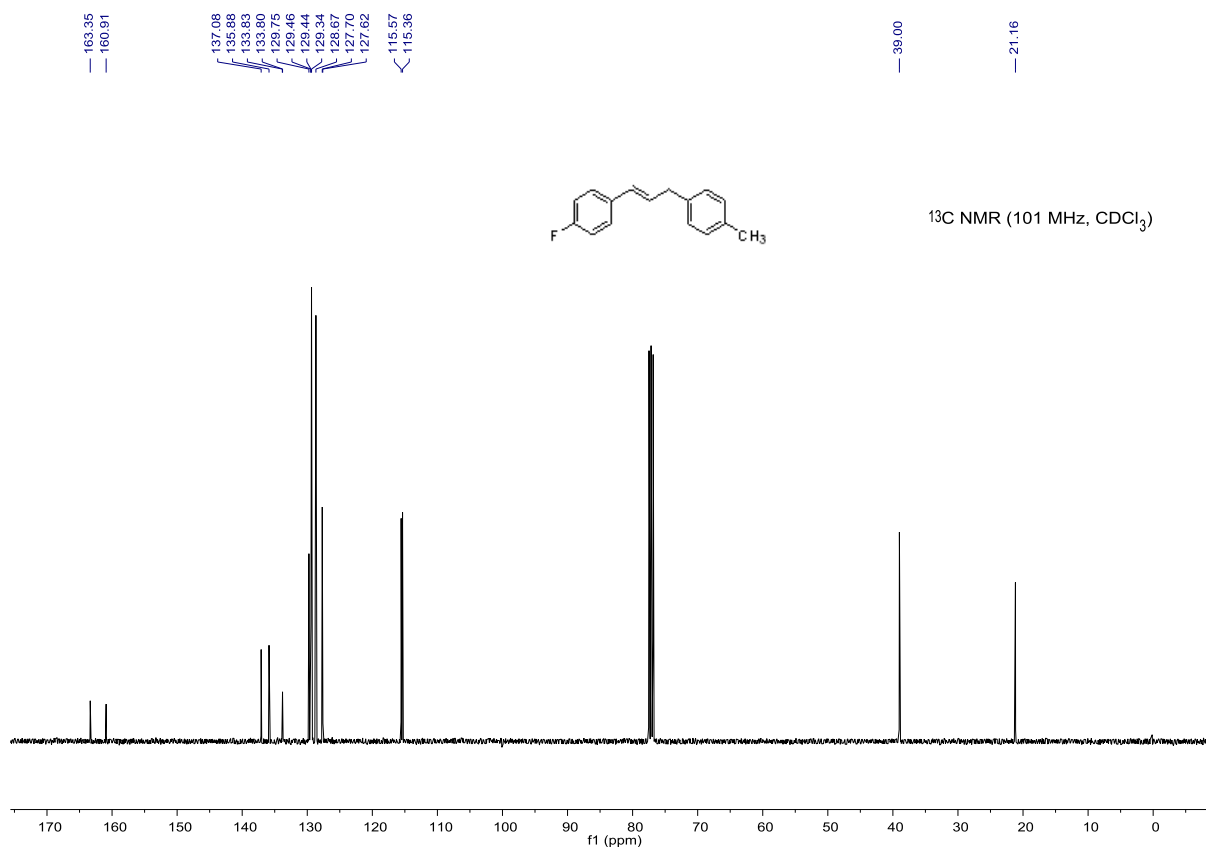
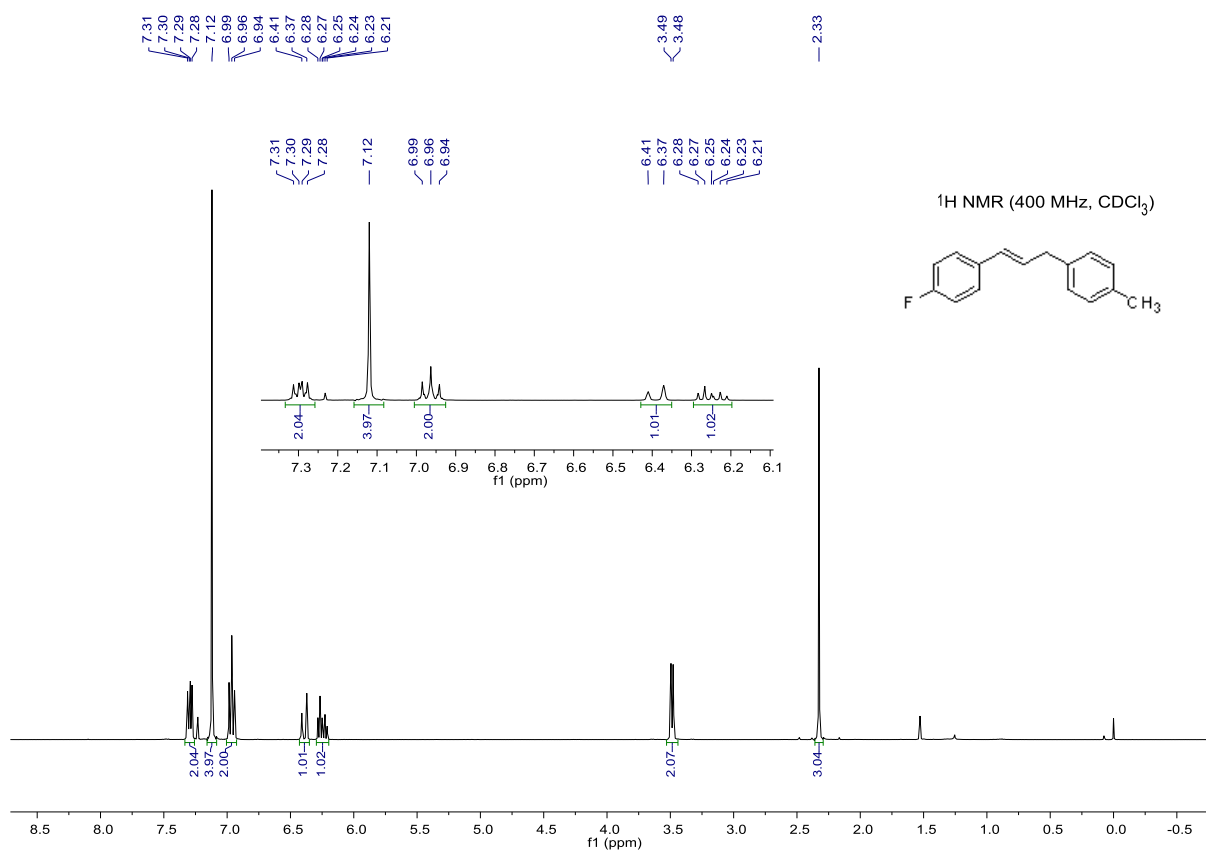
(26) (*E*)-1-(3-(*p*-tolyl)prop-1-en-1-yl)naphthalene (**3bj**)

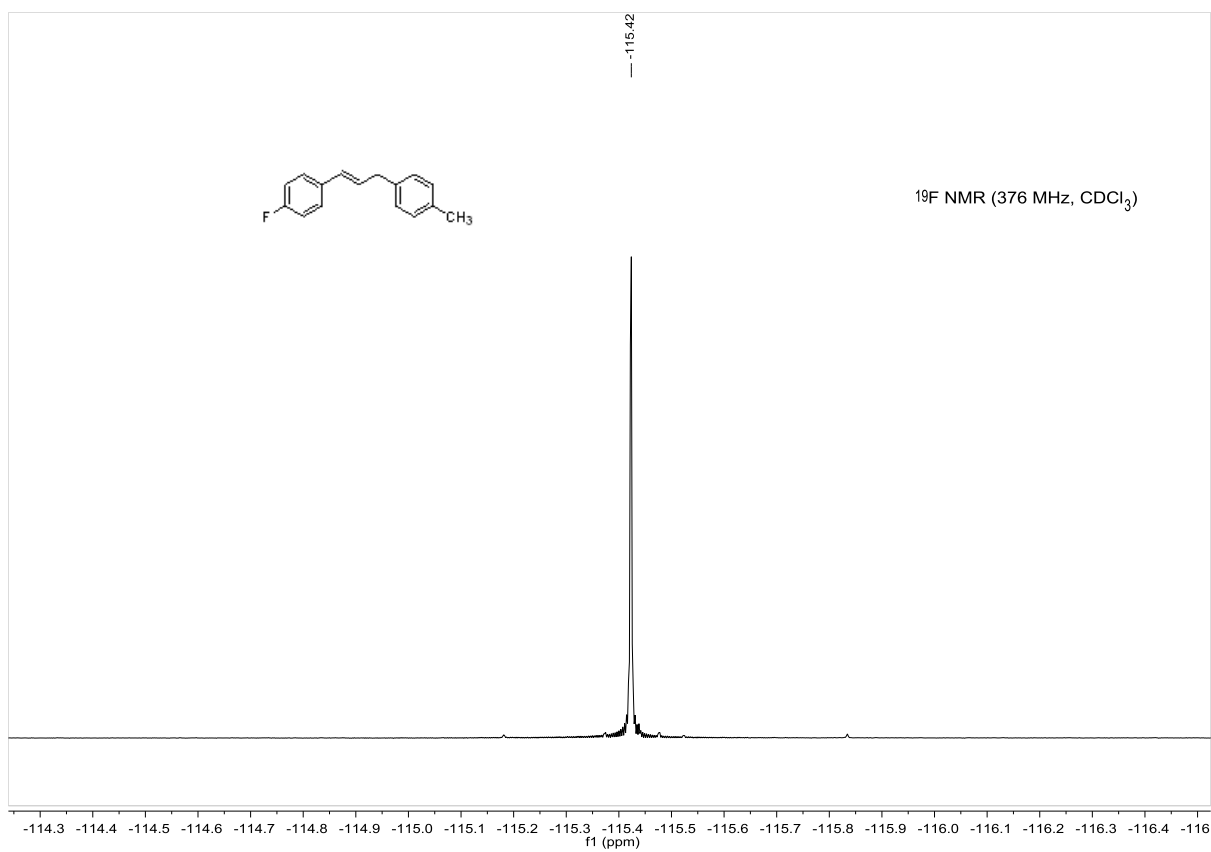


(27) (E)-2-(3-(p-tolyl)prop-1-en-1-yl)-1,1'-biphenyl (**3bk**)

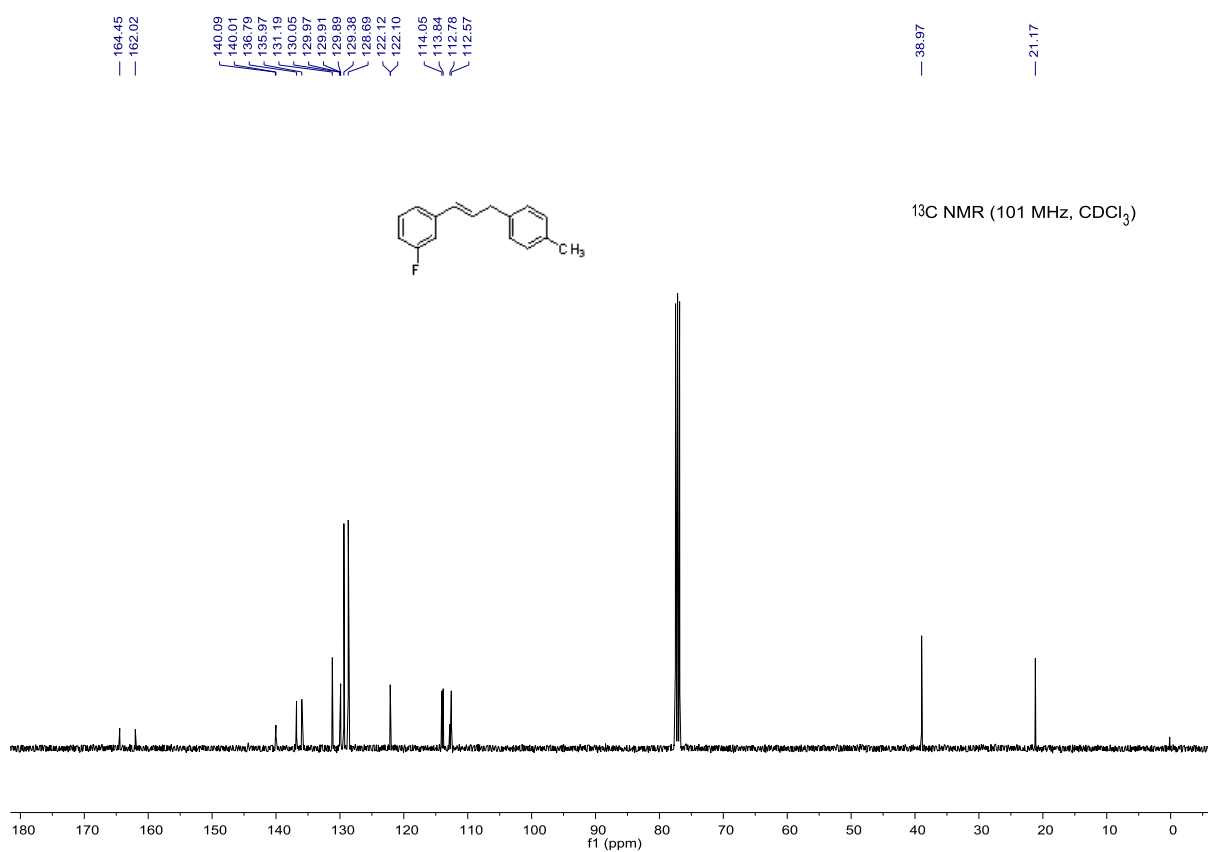
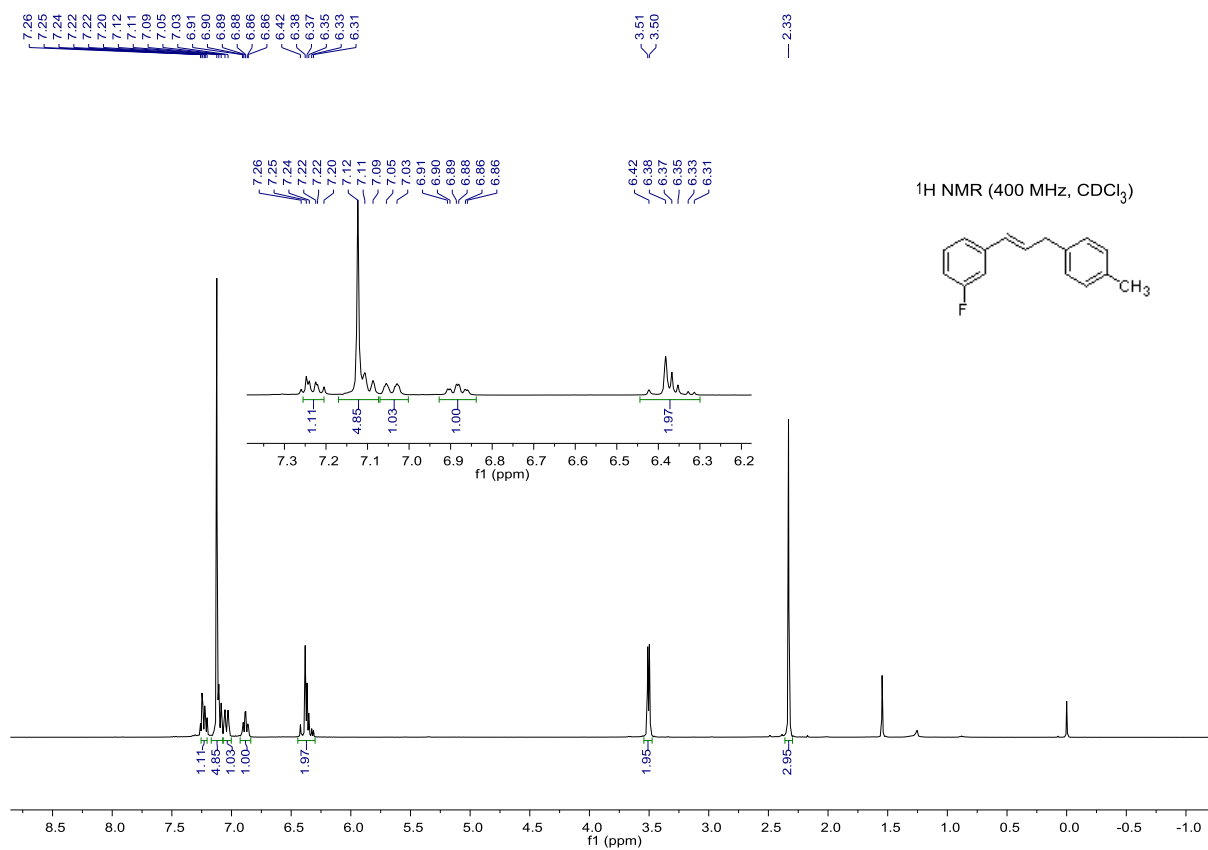


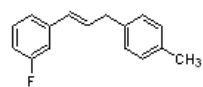
(28) (E)-1-fluoro-4-(3-(p-tolyl)prop-1-en-1-yl)benzene (**3b1**)



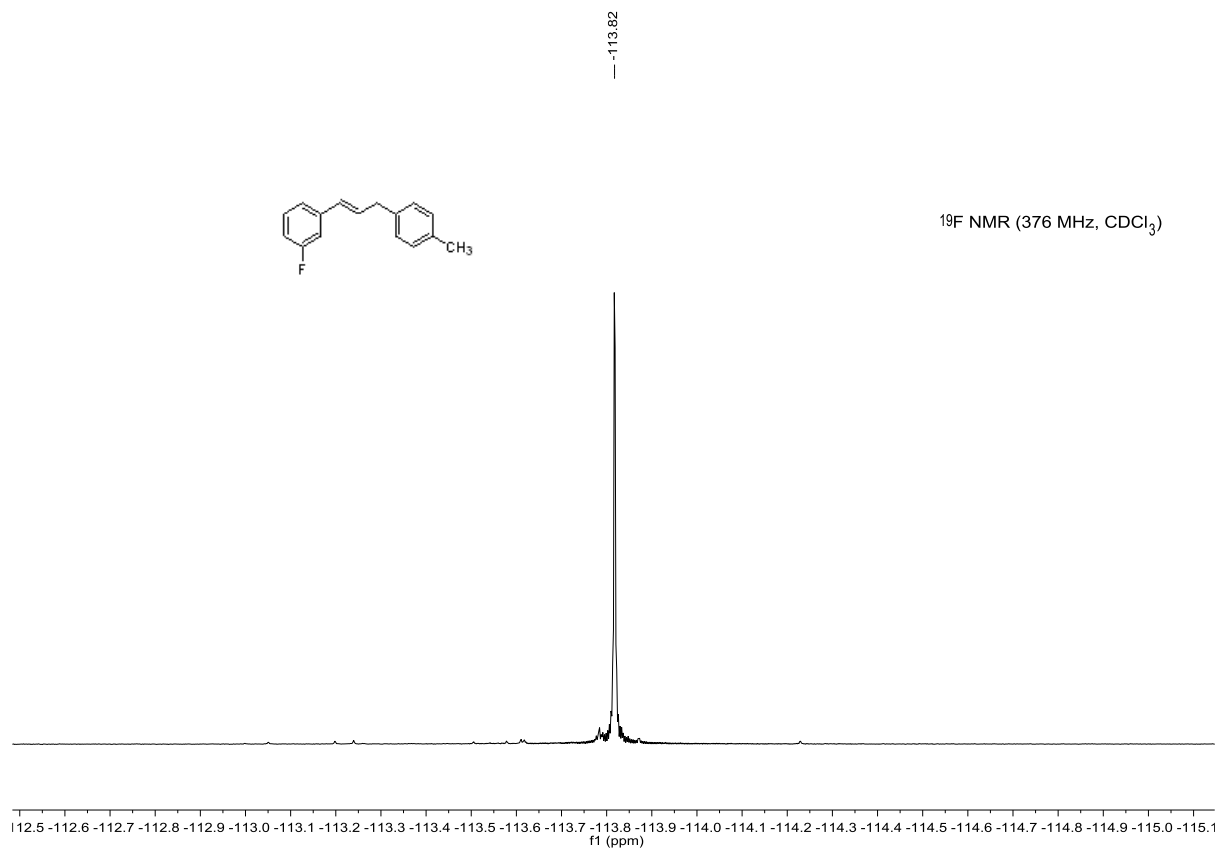


(29) (*E*)-1-fluoro-3-(3-(*p*-tolyl)prop-1-en-1-yl)benzene (**3bm**)

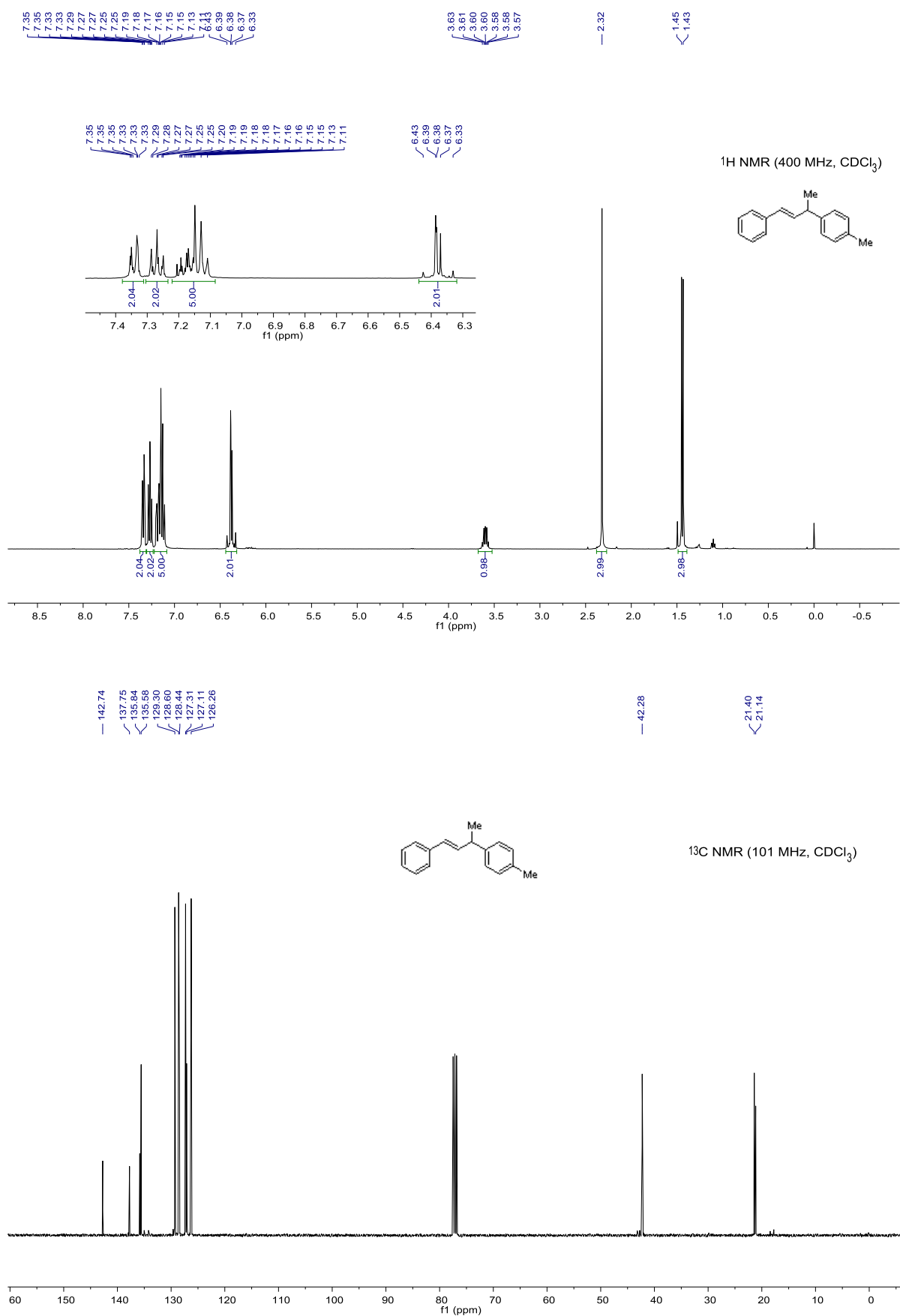




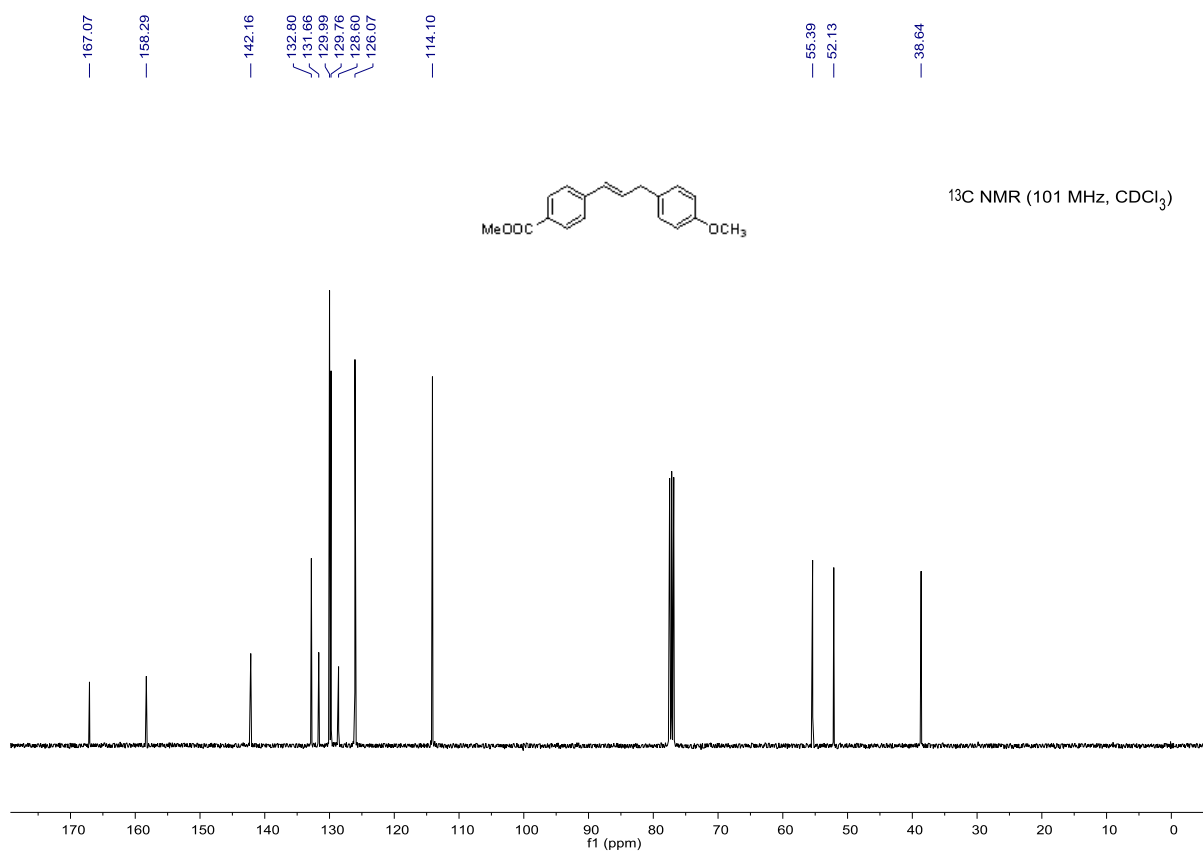
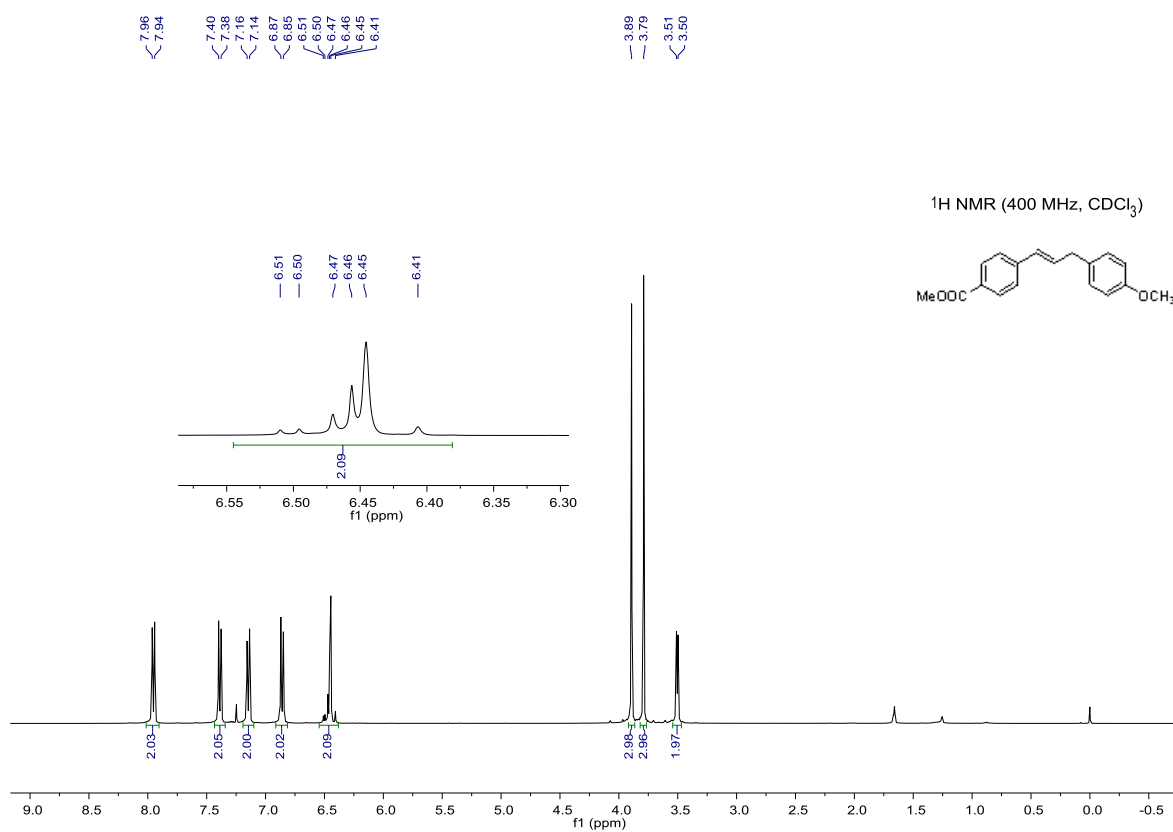
^{19}F NMR (376 MHz, CDCl_3)



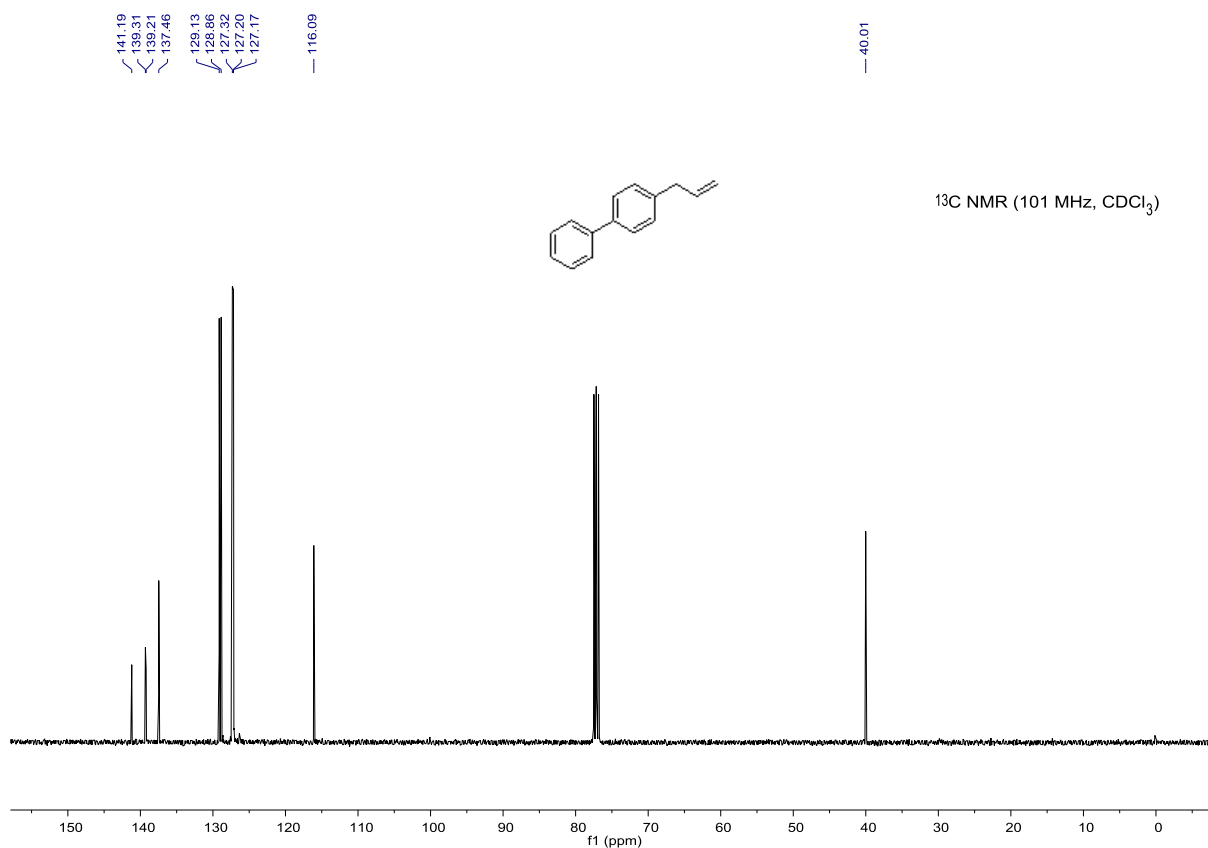
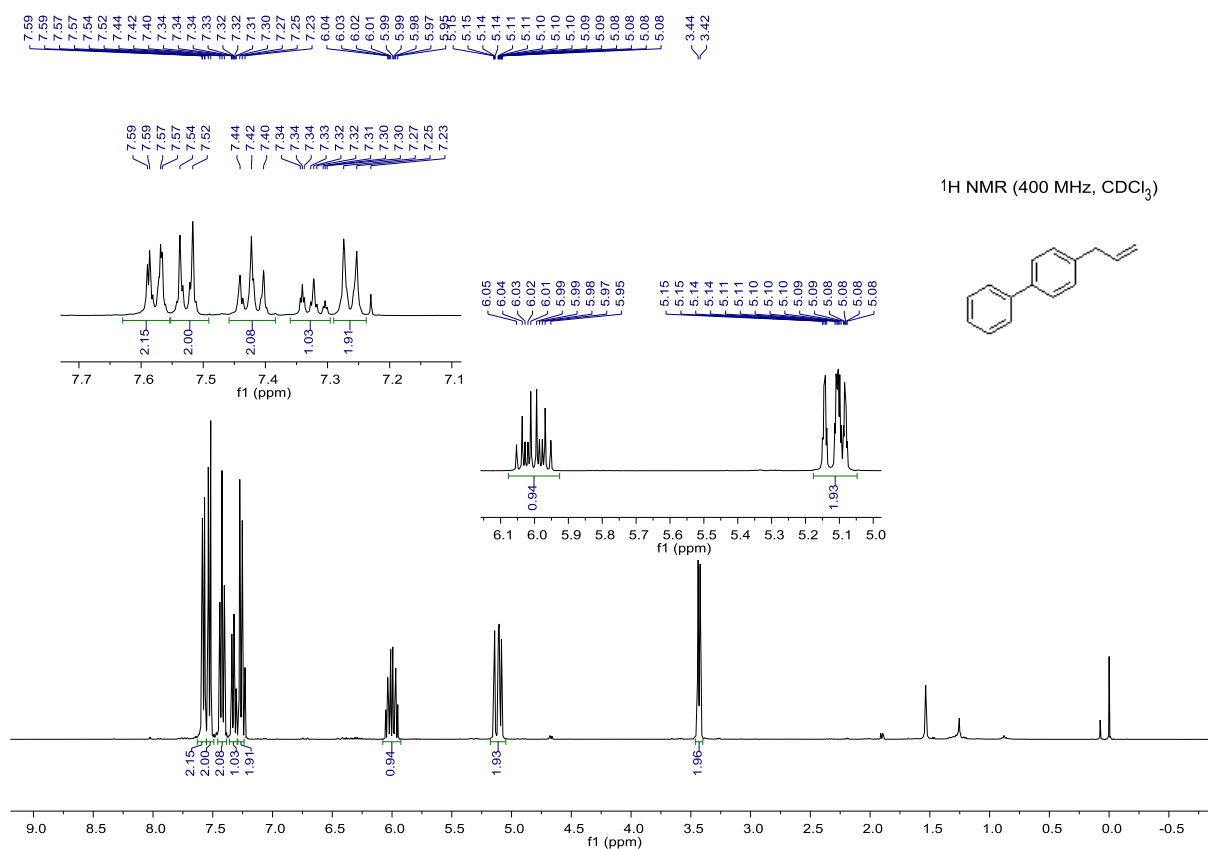
(30) (*E*)-1-methyl-4-(4-phenylbut-3-en-2-yl)benzene (**3bo**)



(31) methyl (*E*)-4-(3-(4-methoxyphenyl)prop-1-en-1-yl)benzoate (**4**)



(32) 4-allyl-1,1'-biphenyl (**5a**)



(33) (E)-4-(3-cyclohexylallyl)-1,1'-biphenyl (**5b**)

