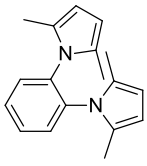
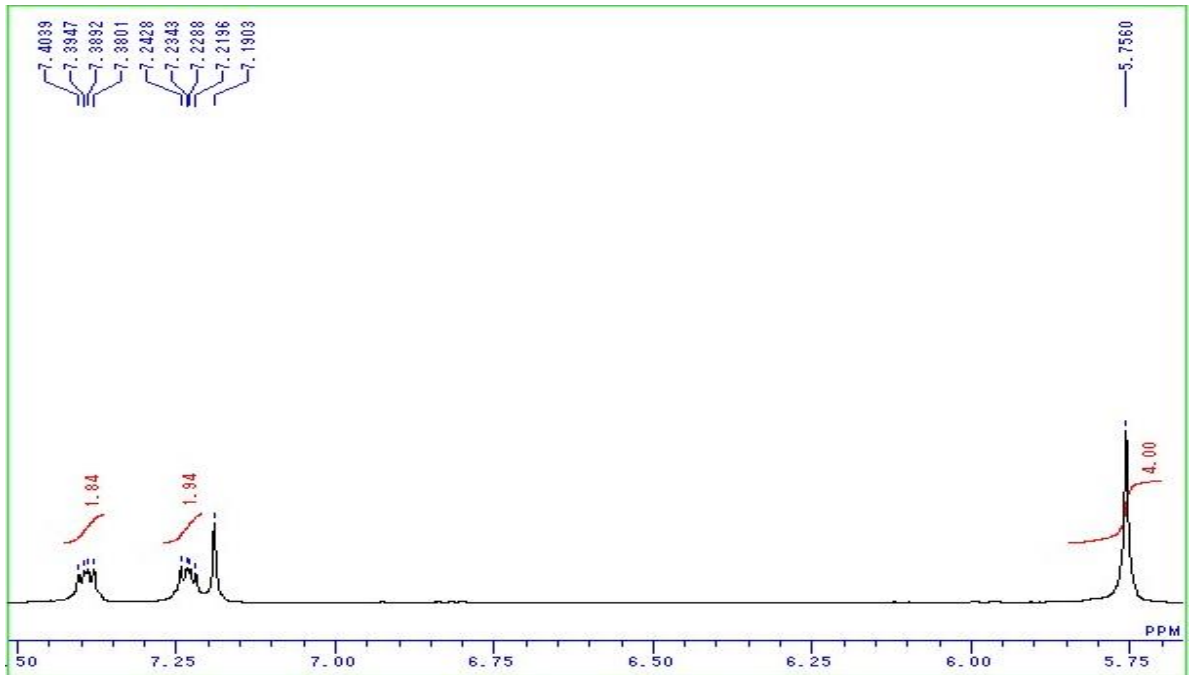
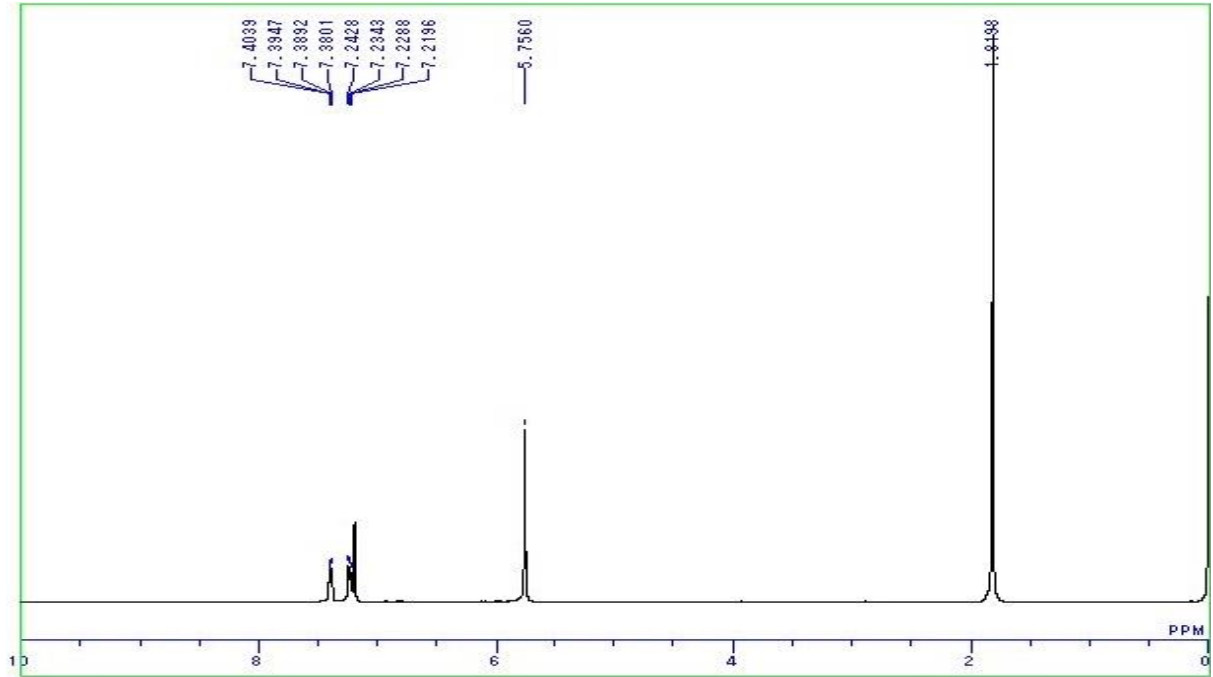
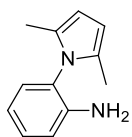


¹H NMR of unsymmetrical
((1*H*-pyrrol-1-yl)phenyl)-1*H*-pyrrole derivatives

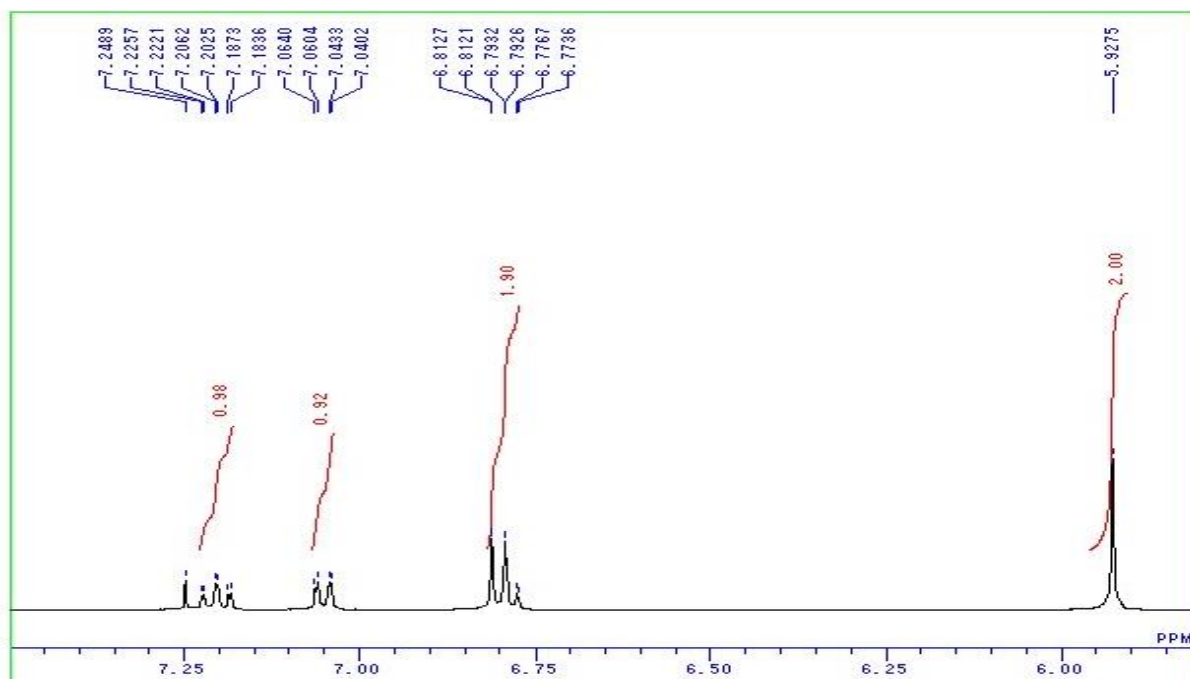
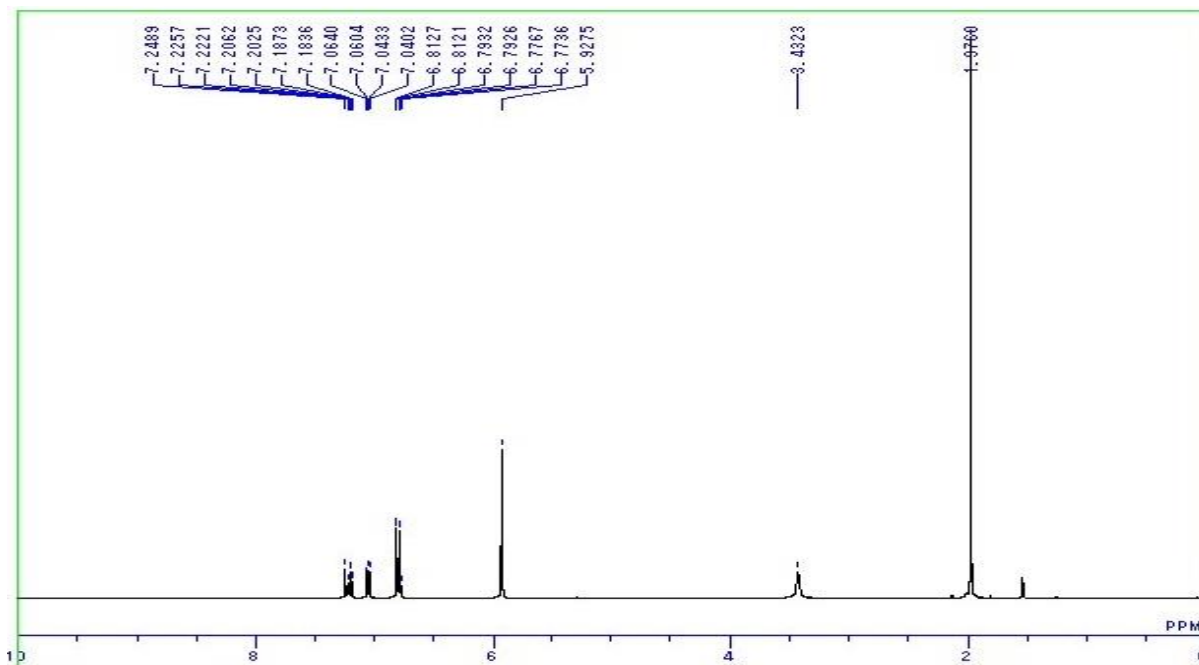


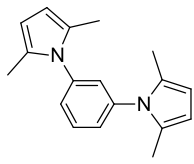
2,5-Dimethyl-1-(2-(2,5-dimethyl-1H-pyrrol-1-yl)phenyl)-1H-pyrrole (1)



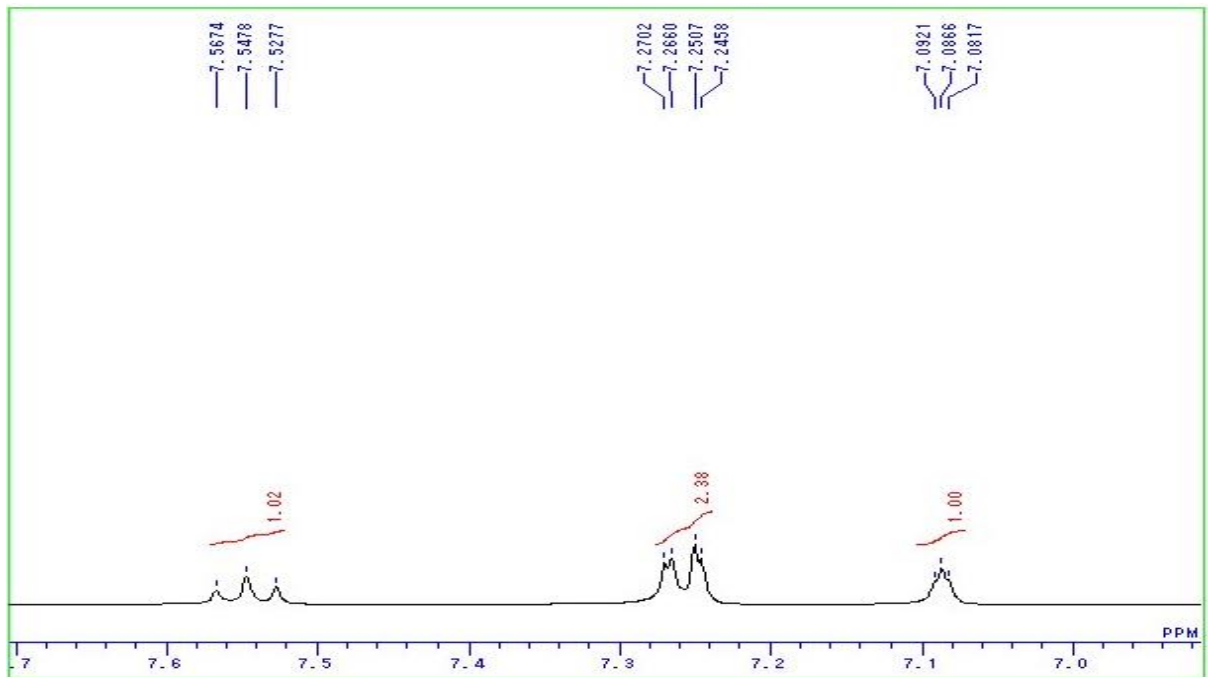
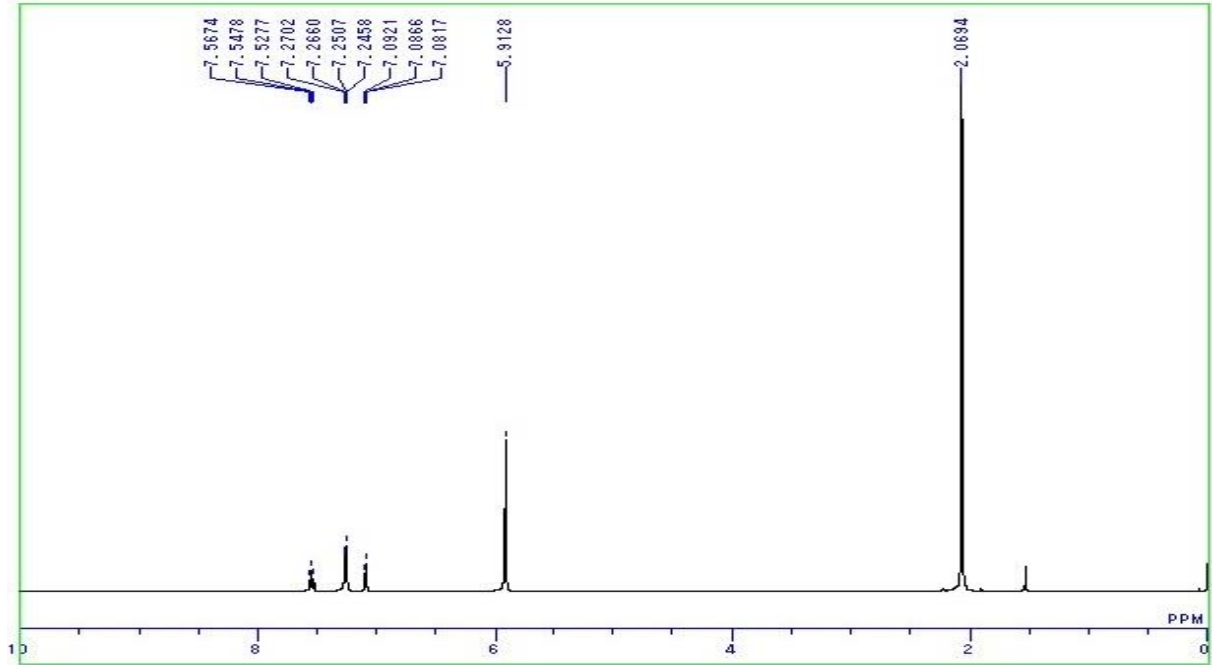


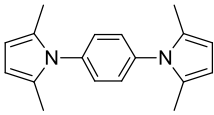
2-(2,5-dimethyl-1H-pyrrol-1-yl)benzeneamine (1')



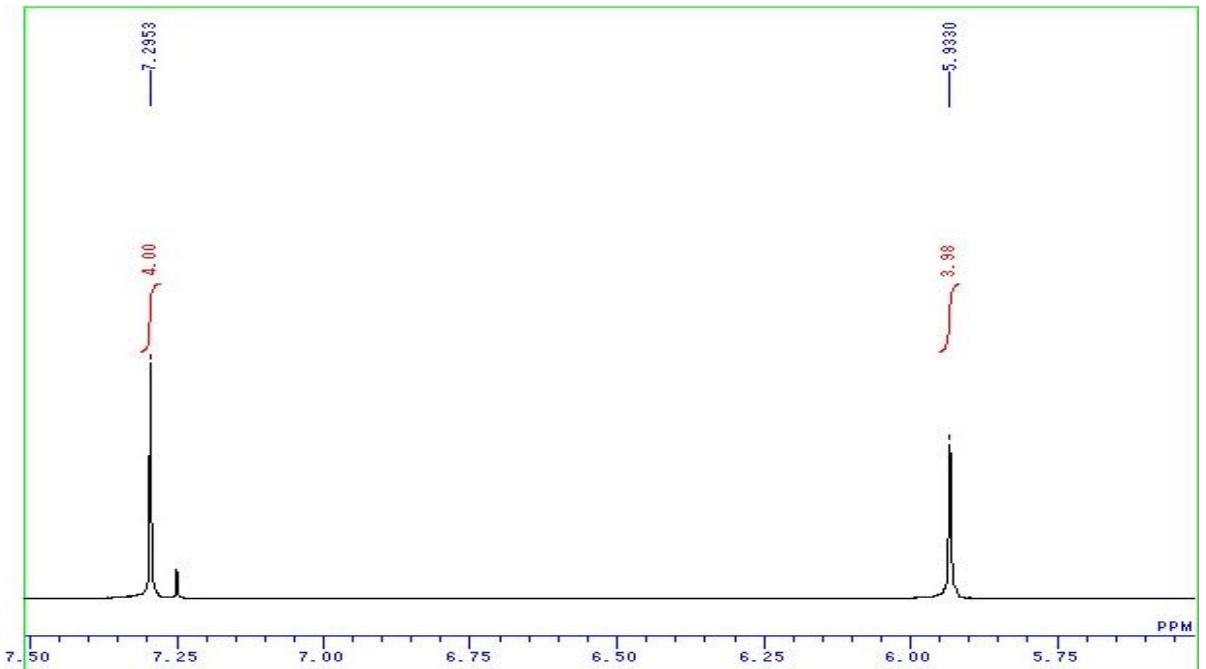
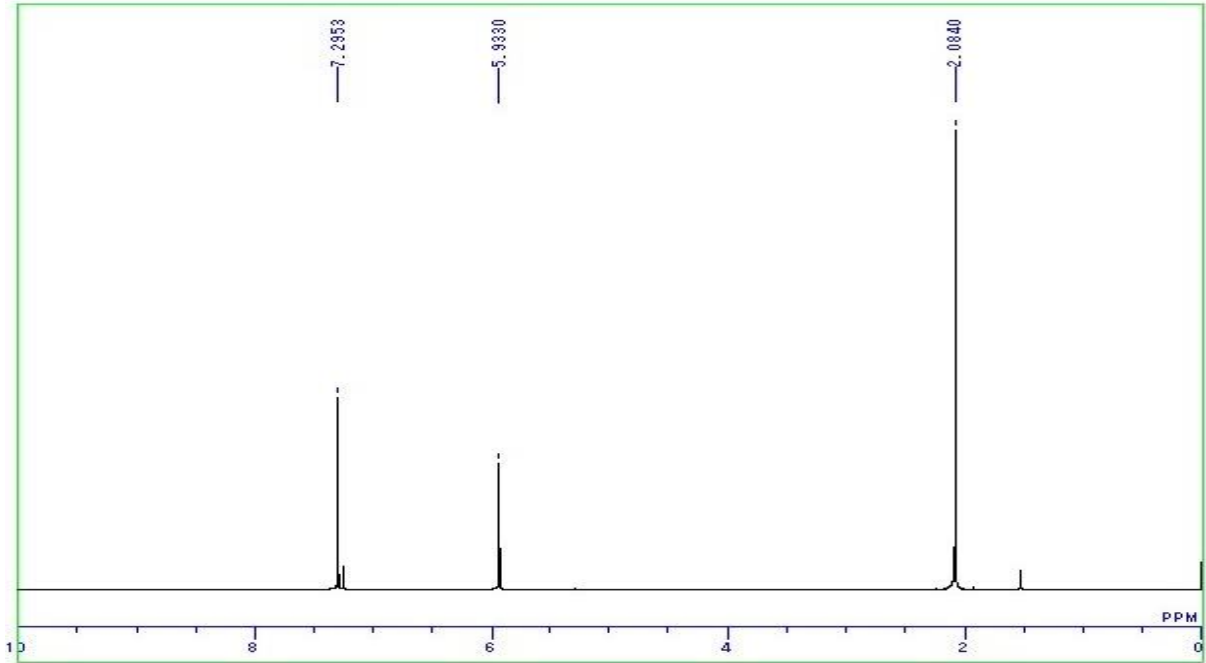


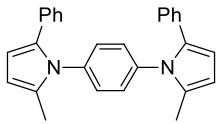
2,5-Dimethyl-1-(3-(2,5-dimethyl-1H-pyrrol-1-yl)phenyl)-1H-pyrrole (2)



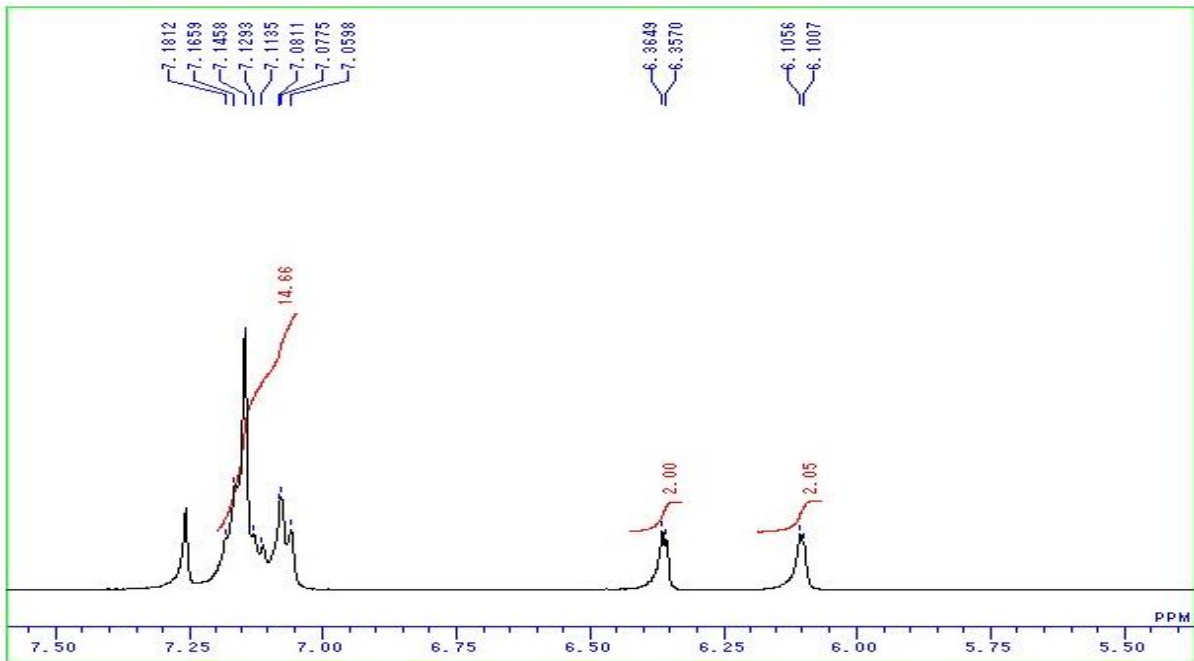
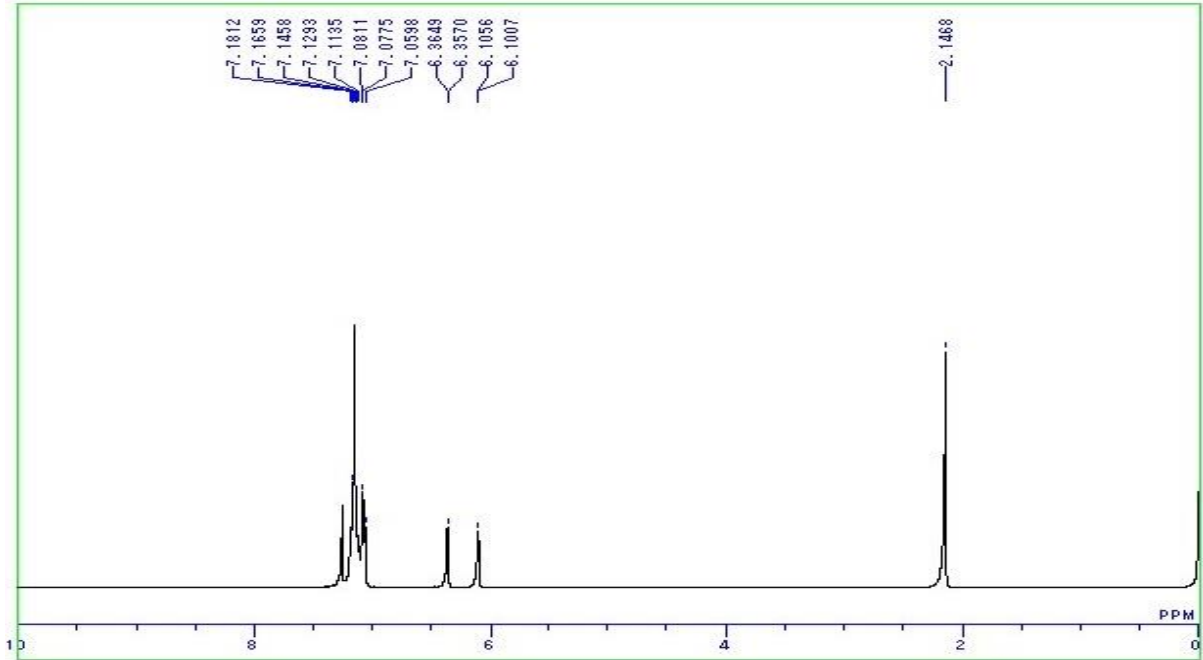


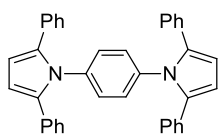
2,5-Dimethyl-1-(4-(2,5-dimethyl-1H-pyrrol-1-yl)phenyl)-1H-pyrrole (3)



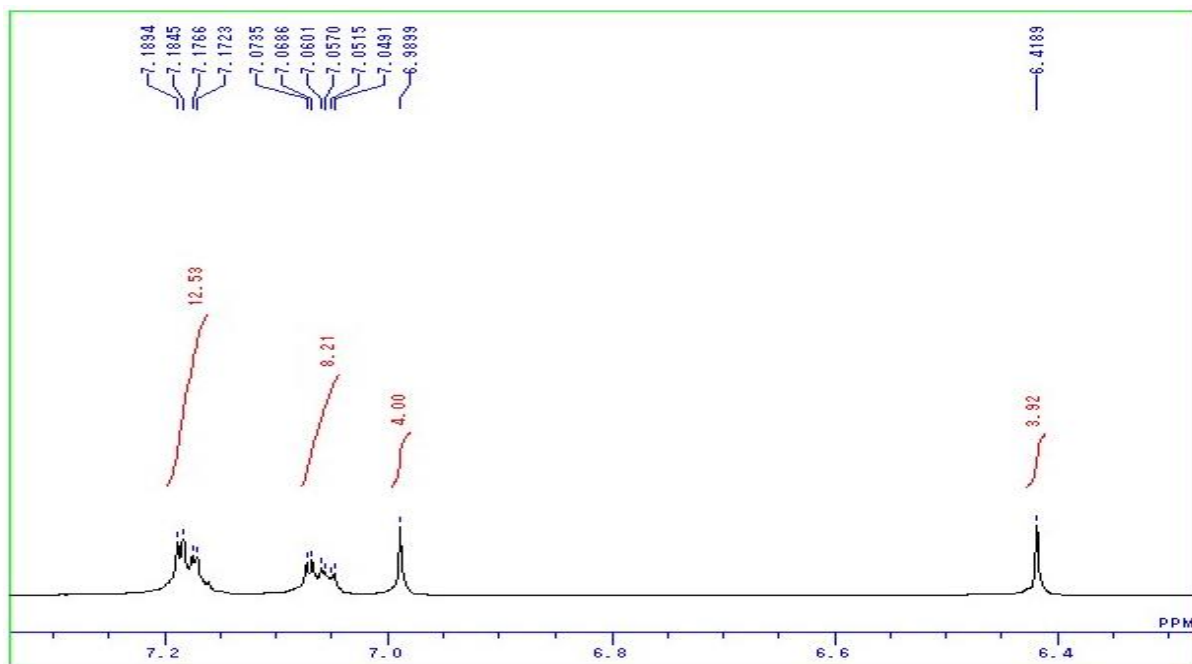
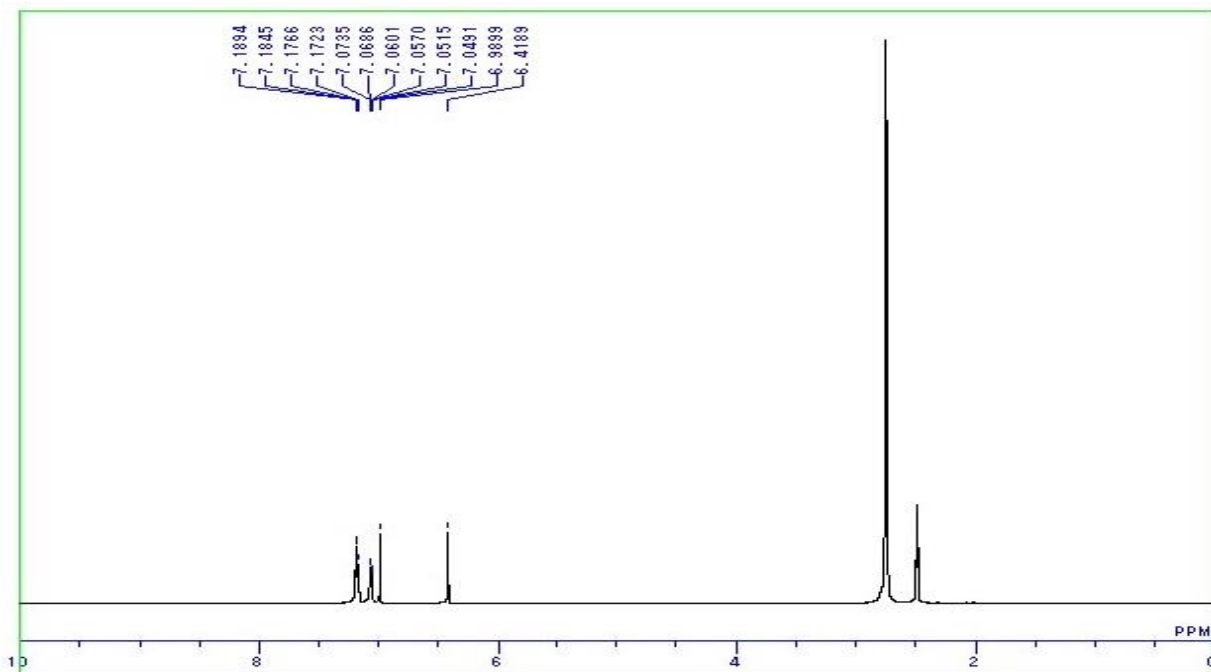


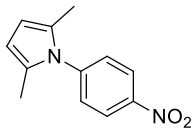
1,1'-p-phenylenebis[2-methyl-5-phenylpyrrole] (4)



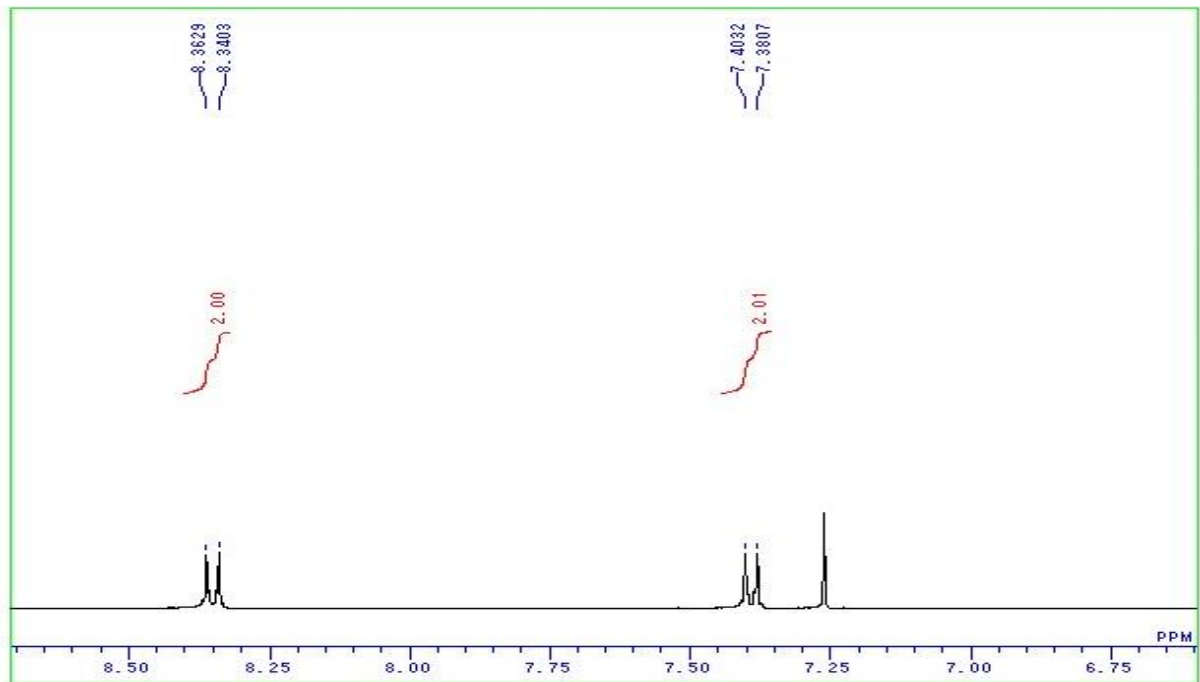
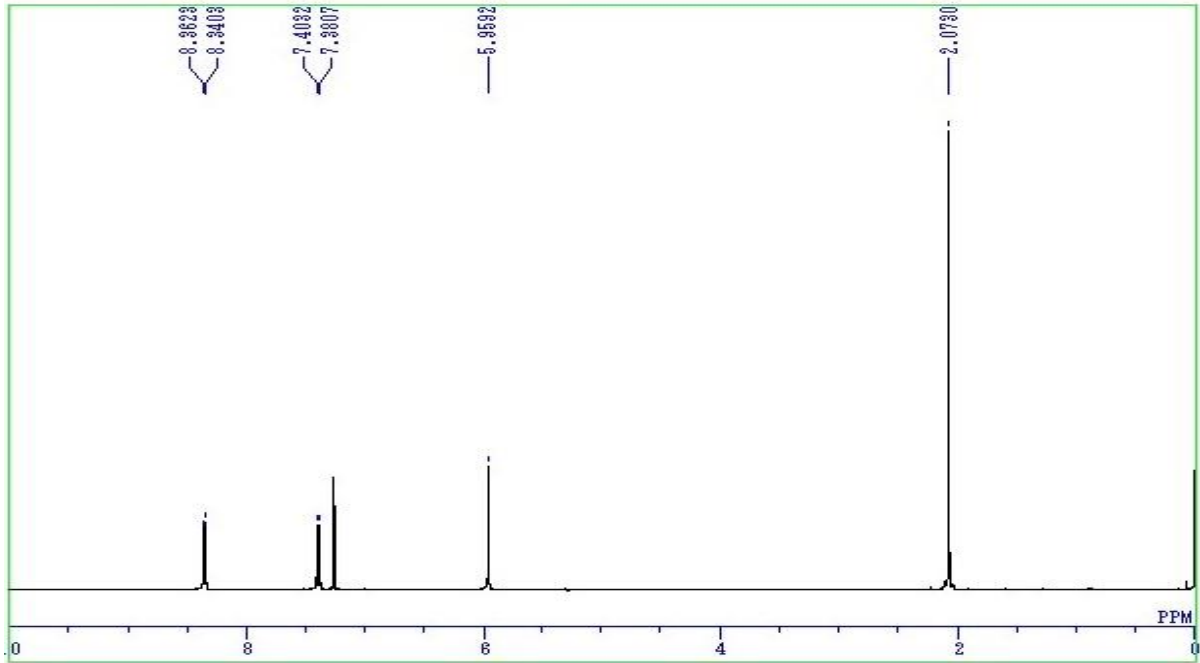


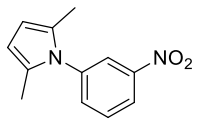
1,1'-p-phenylenebis[2,5-diphenylpyrrole] (5)



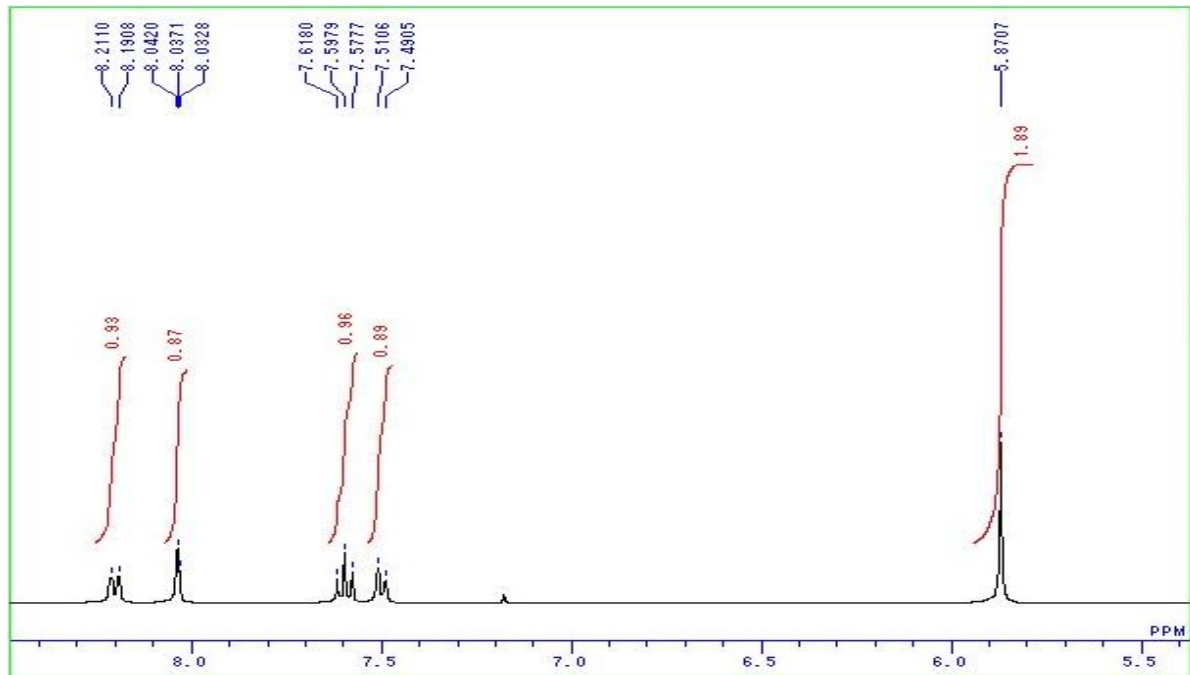
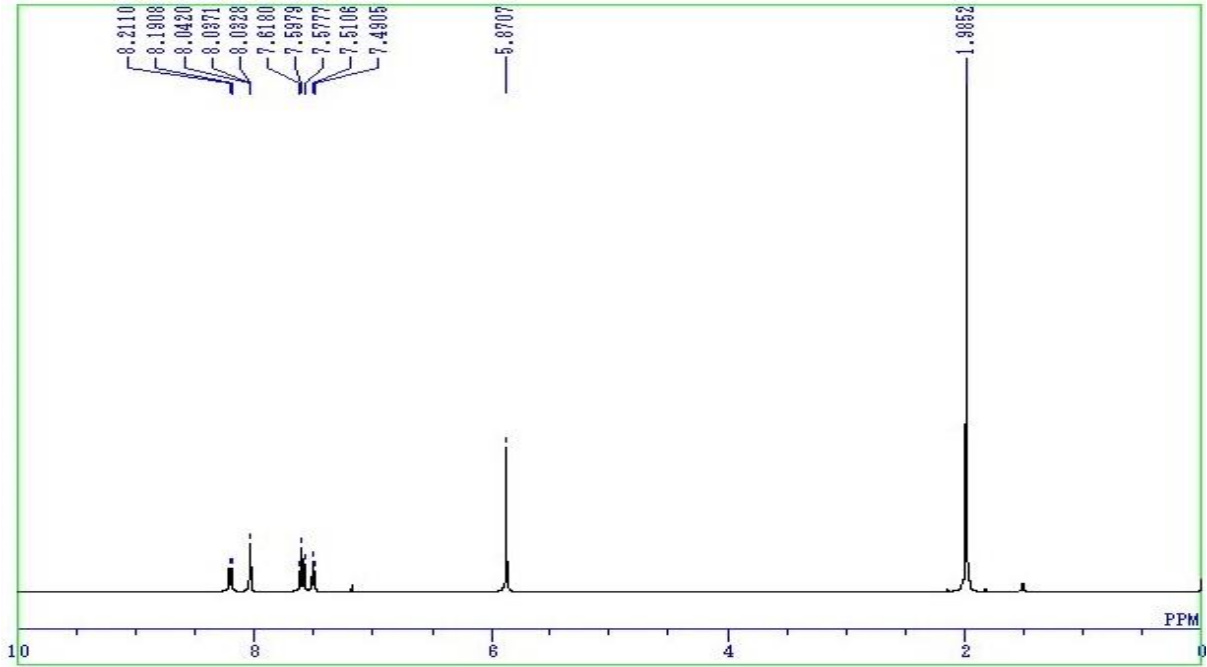


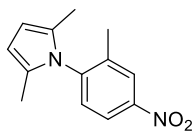
2,5-Dimethyl-1-(4-nitrophenyl)-1H-pyrrole (6)



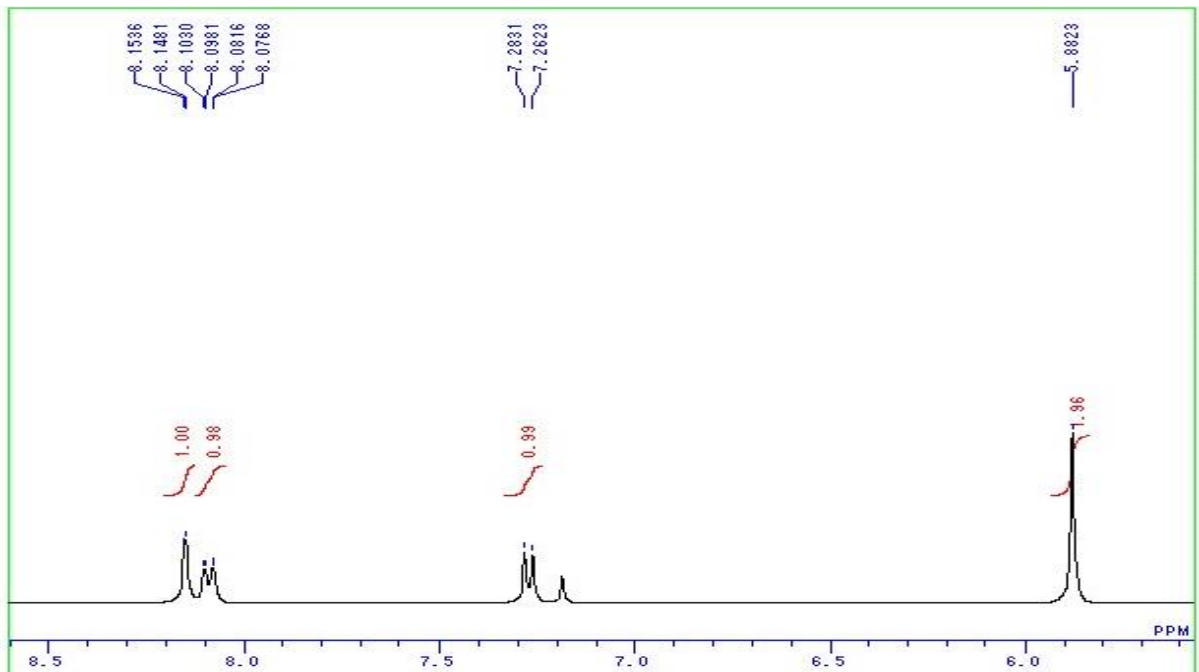
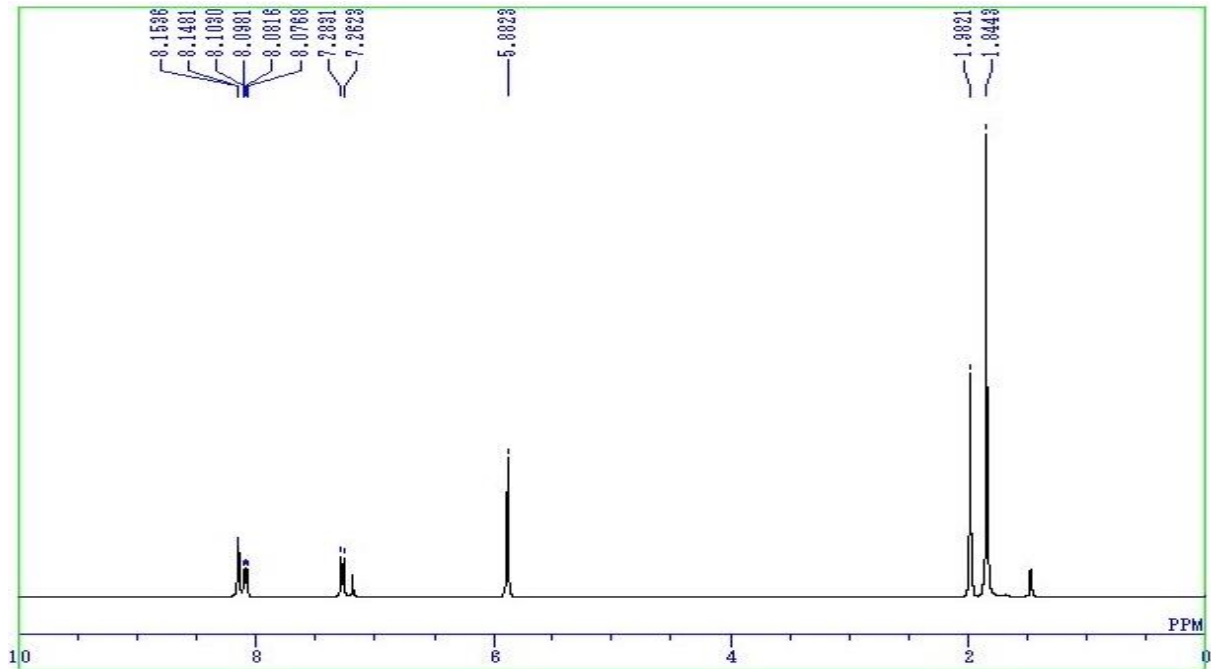


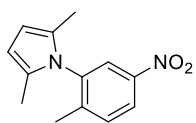
2,5-Dimethyl-1-(4-nitrophenyl)-1H-pyrrole (7)



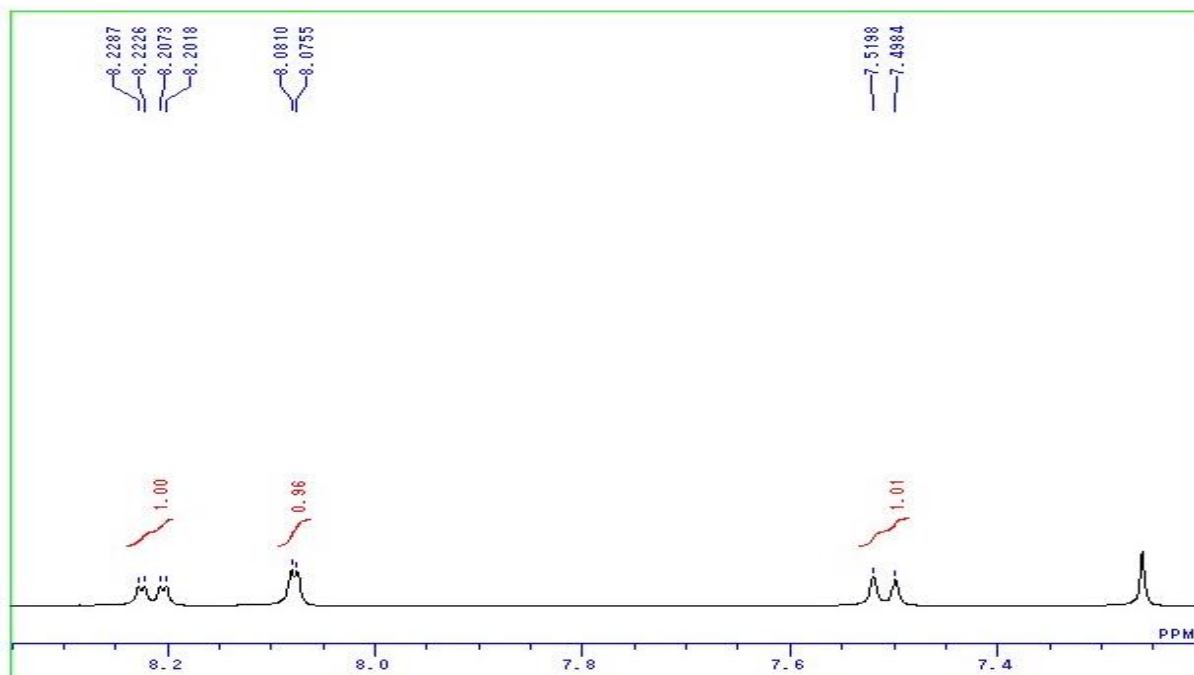
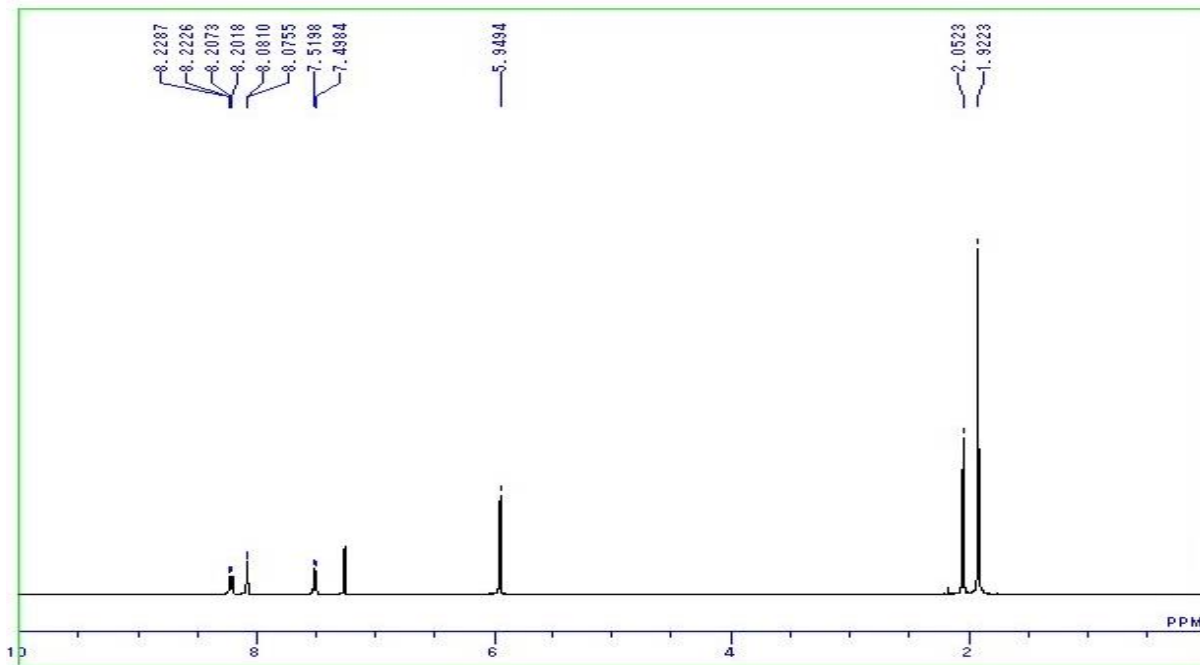


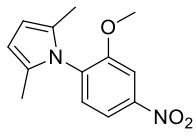
2,5-Dimethyl-1-(2-methyl-4-nitrophenyl)-1H-pyrrole (**8**)



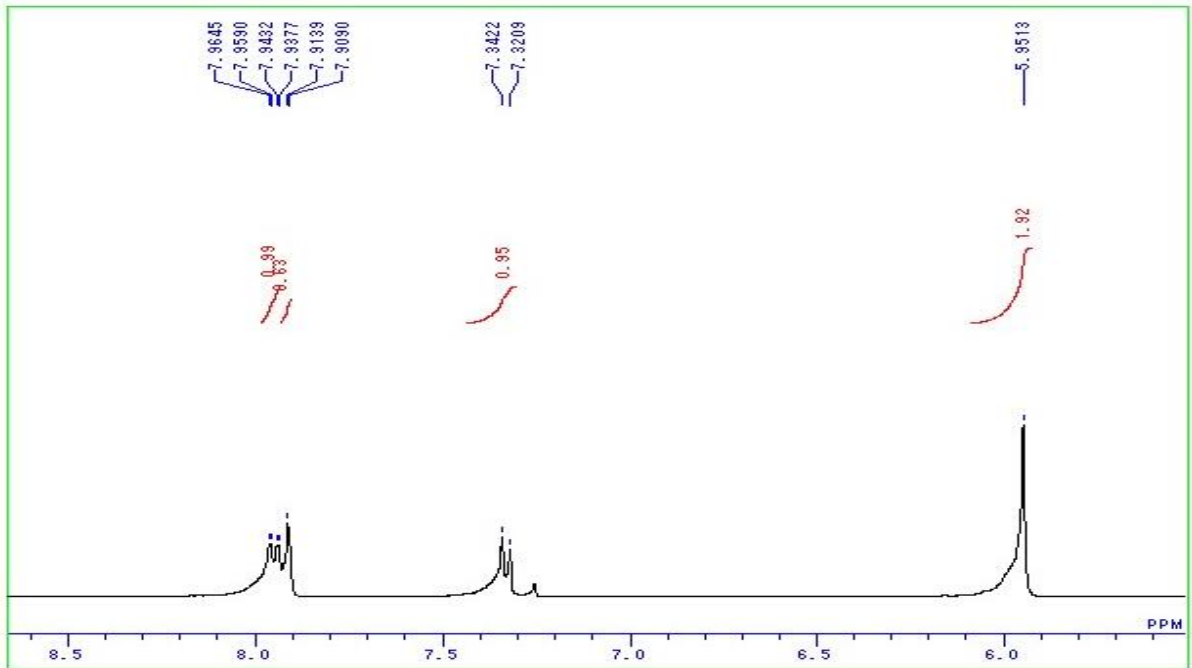
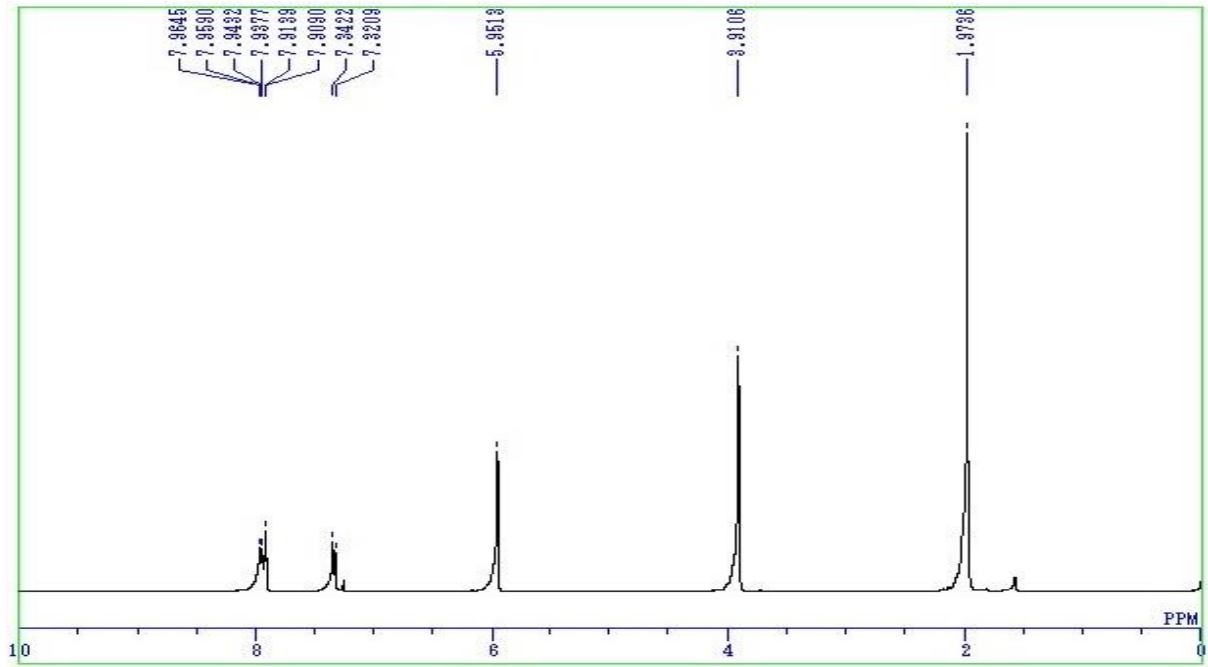


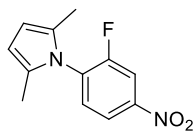
2,5-Dimethyl-1-(2-methyl-5-nitrophenyl)-1H-pyrrole (9)



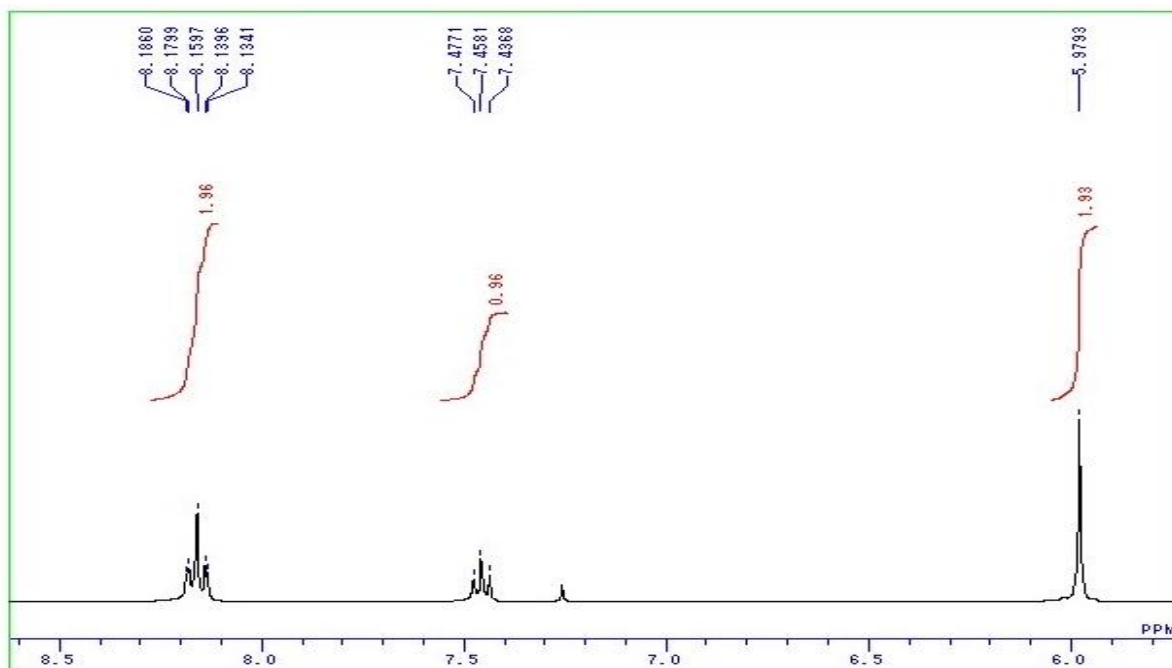
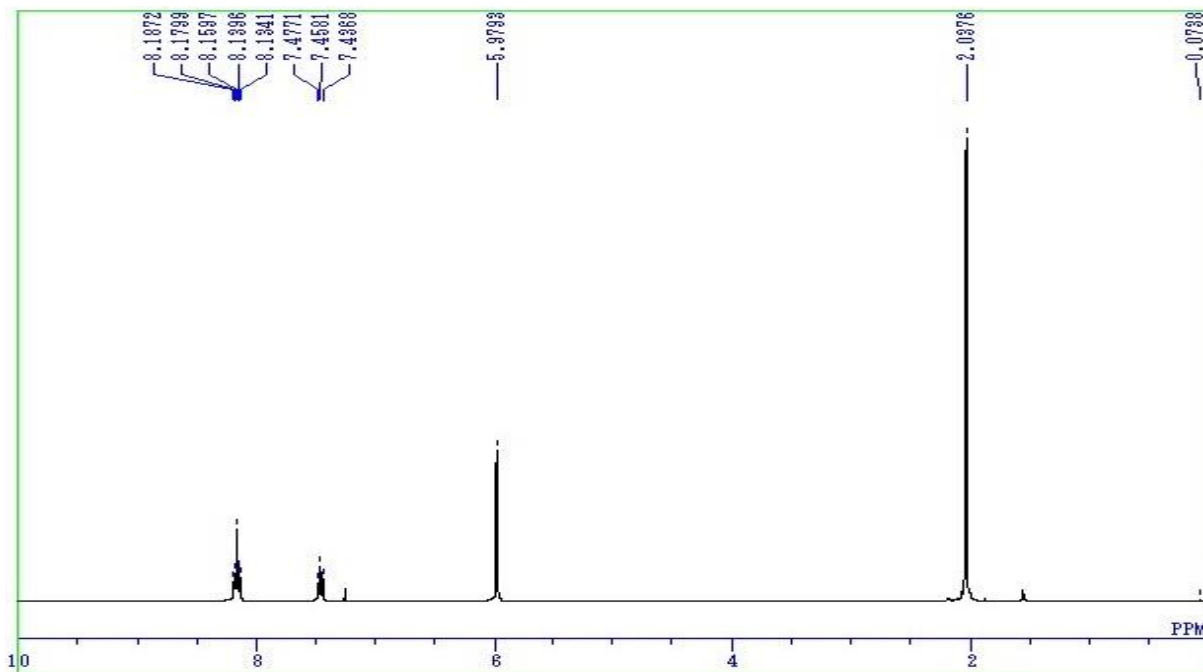


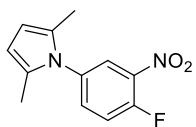
1-(2-Methoxy-4-nitrophenyl)-2,5-dimethyl-1H-pyrrole (10)



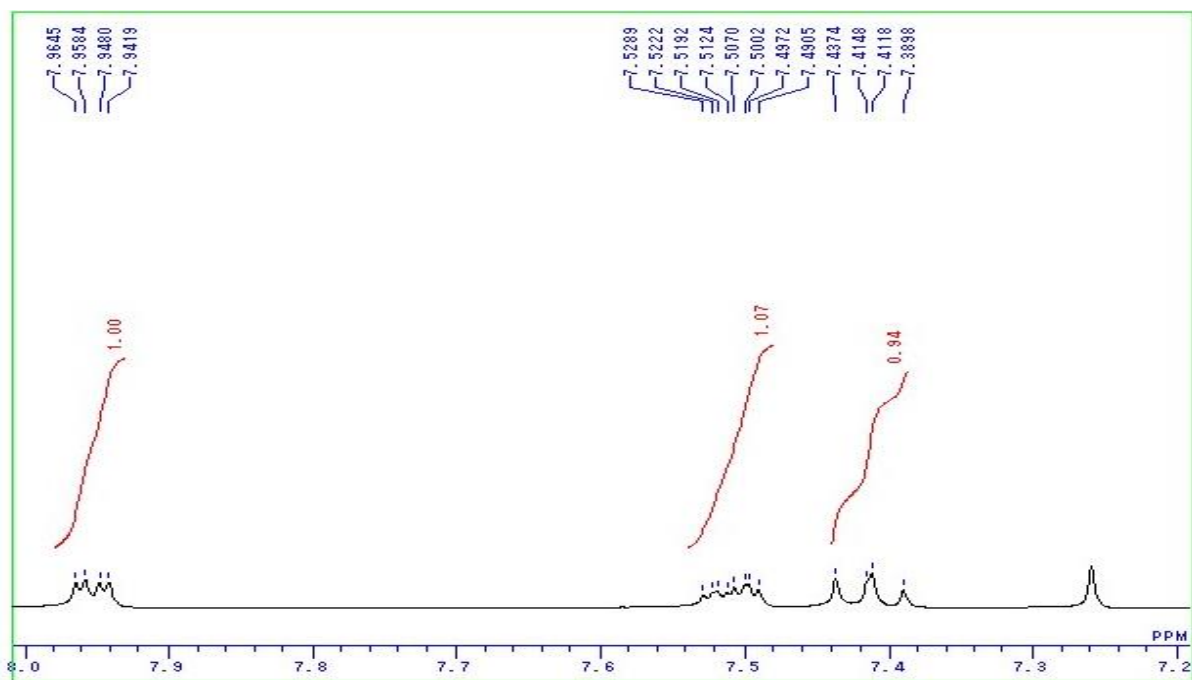
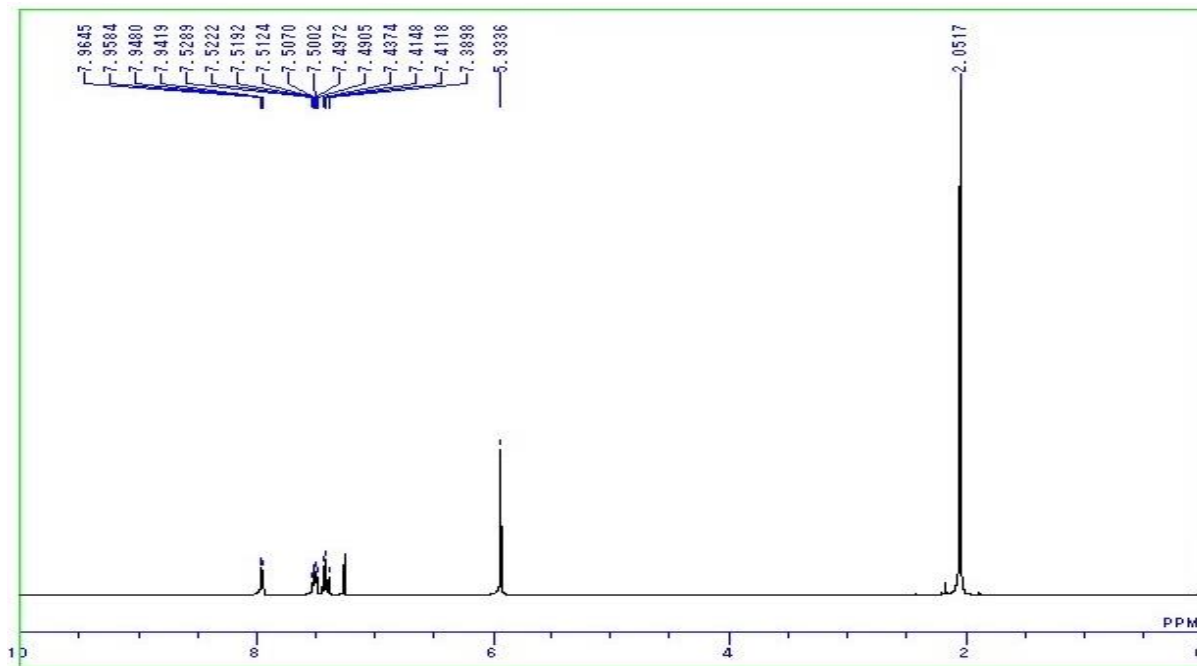


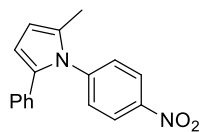
1-(2-Fluoro-4-nitrophenyl)-2,5-dimethyl-1H-pyrrole (11)



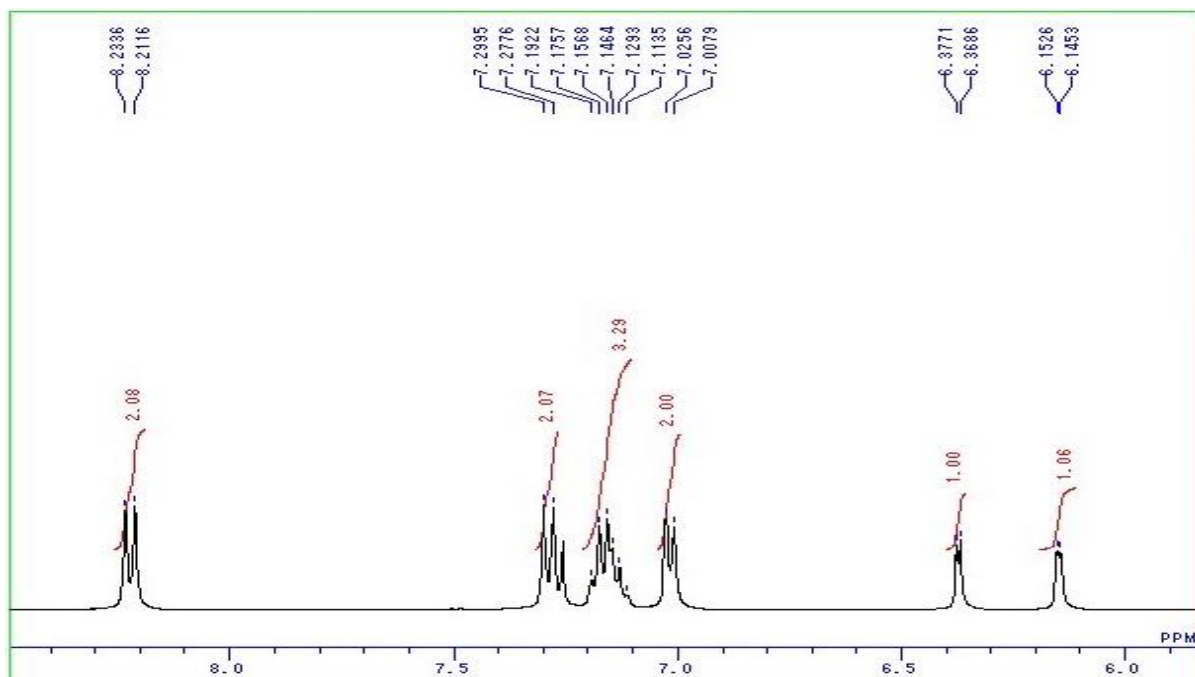
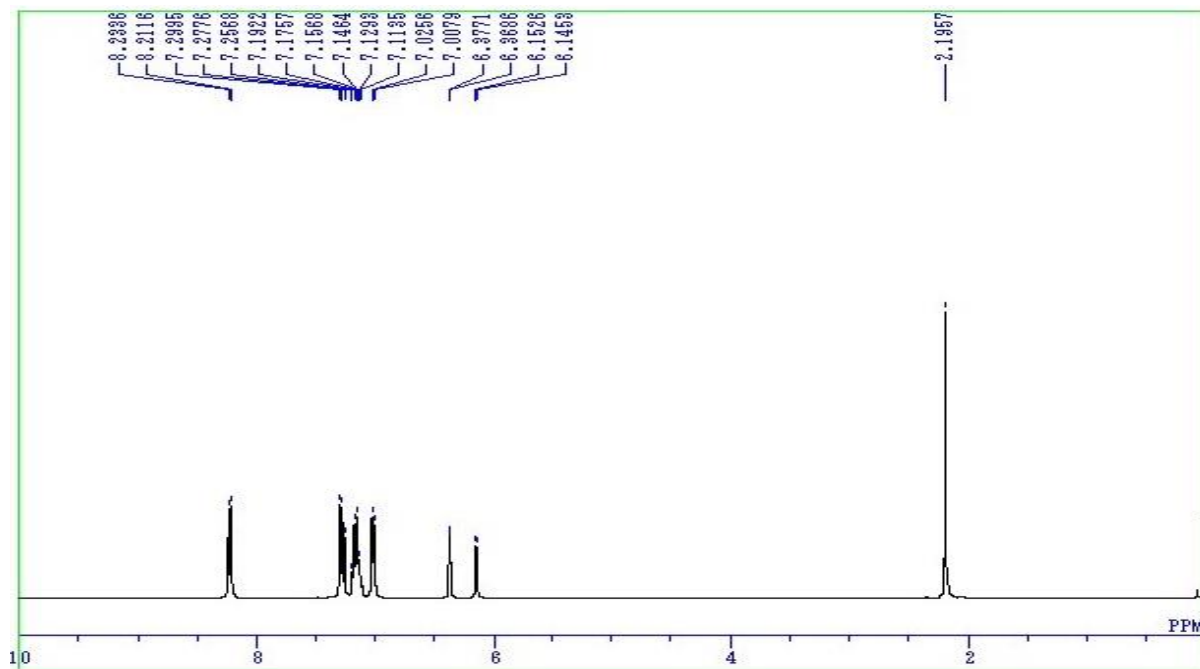


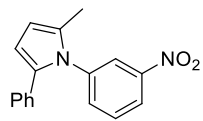
1-(4-Fluoro-3-nitrophenyl)-2,5-dimethyl-1H-pyrrole (12)



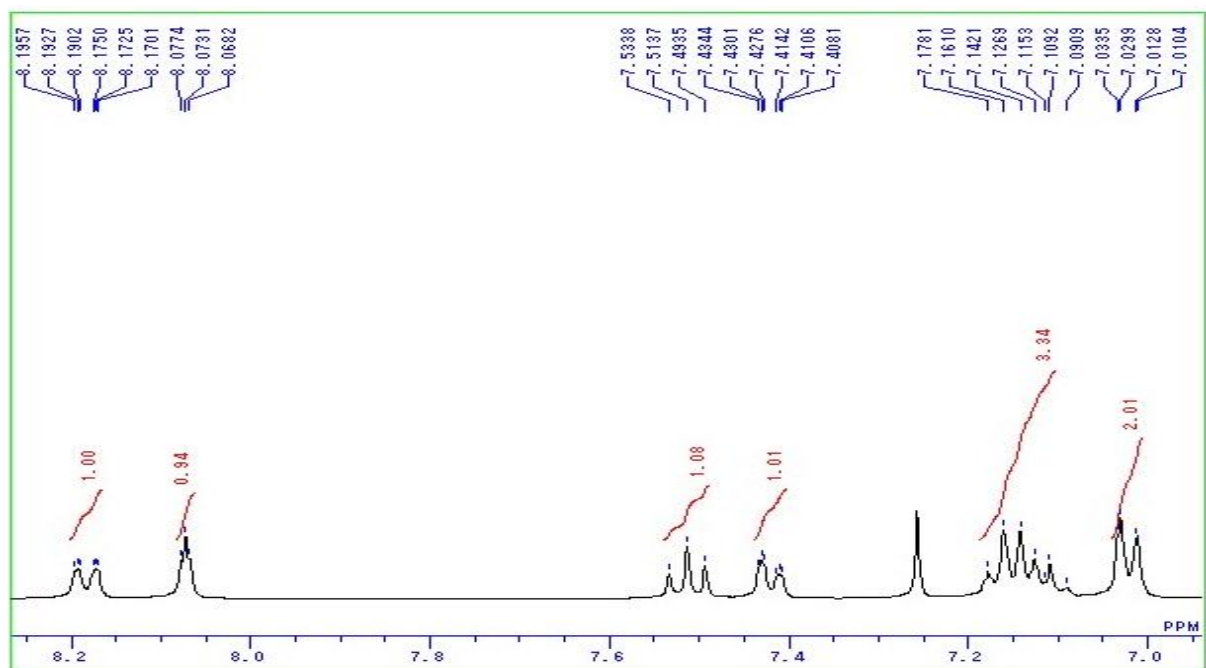
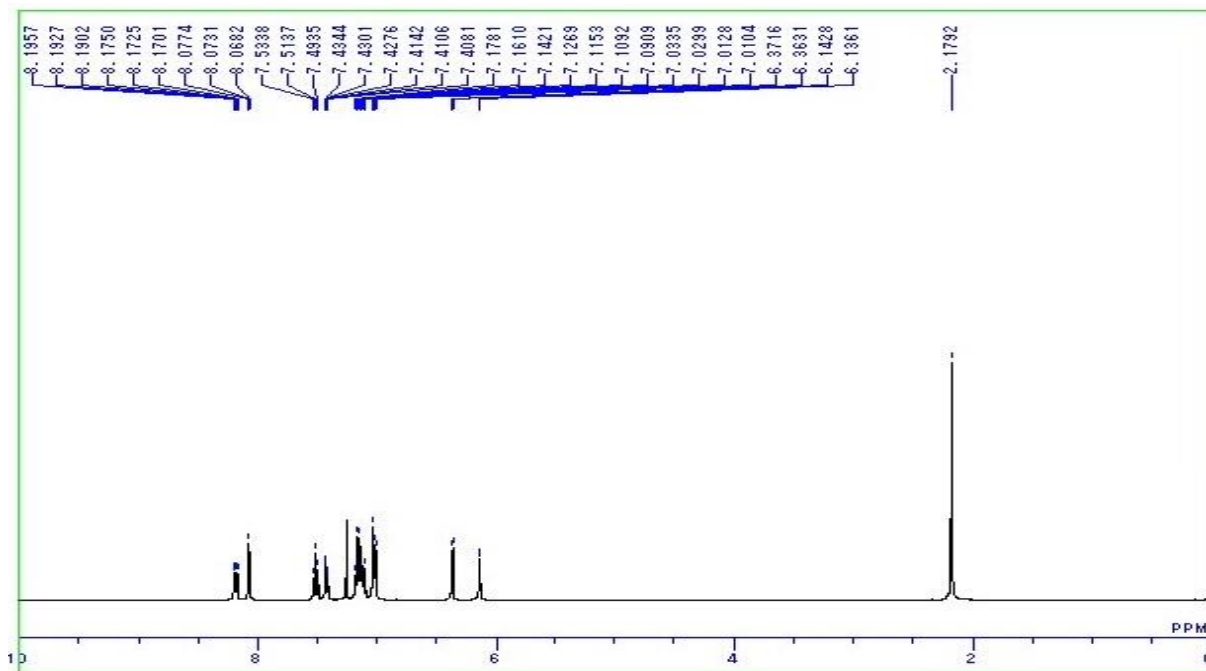


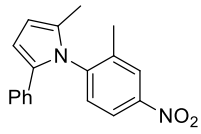
2-Methyl-1-(4-nitrophenyl)-5-phenyl-1H-pyrrole (**13**)



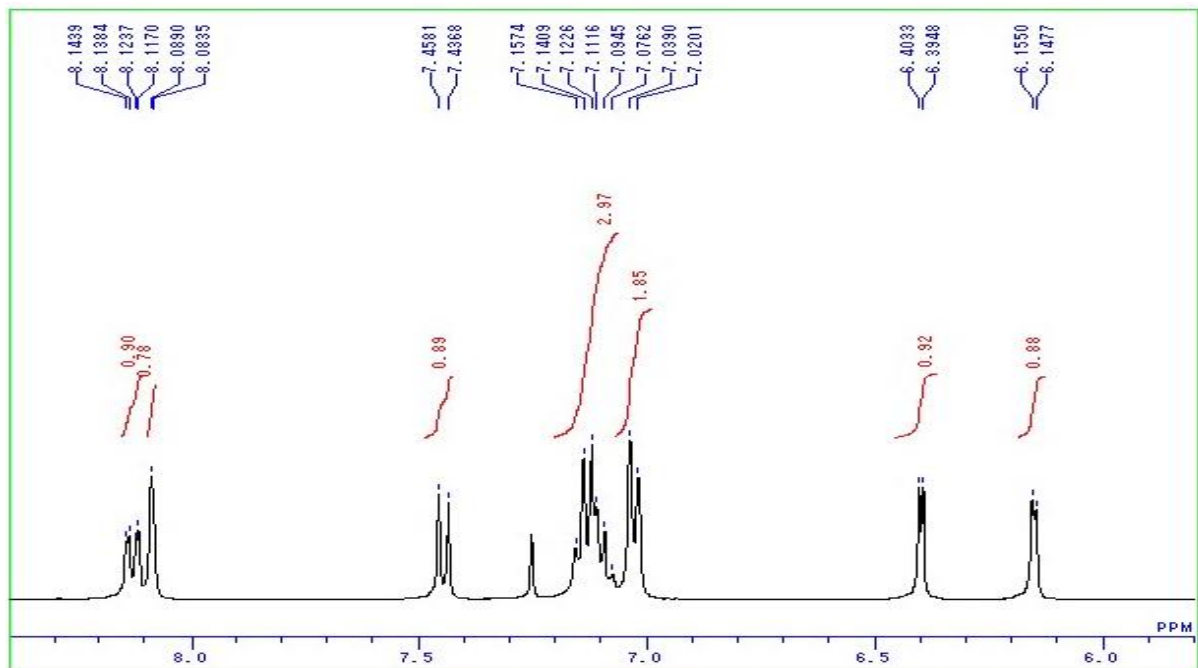
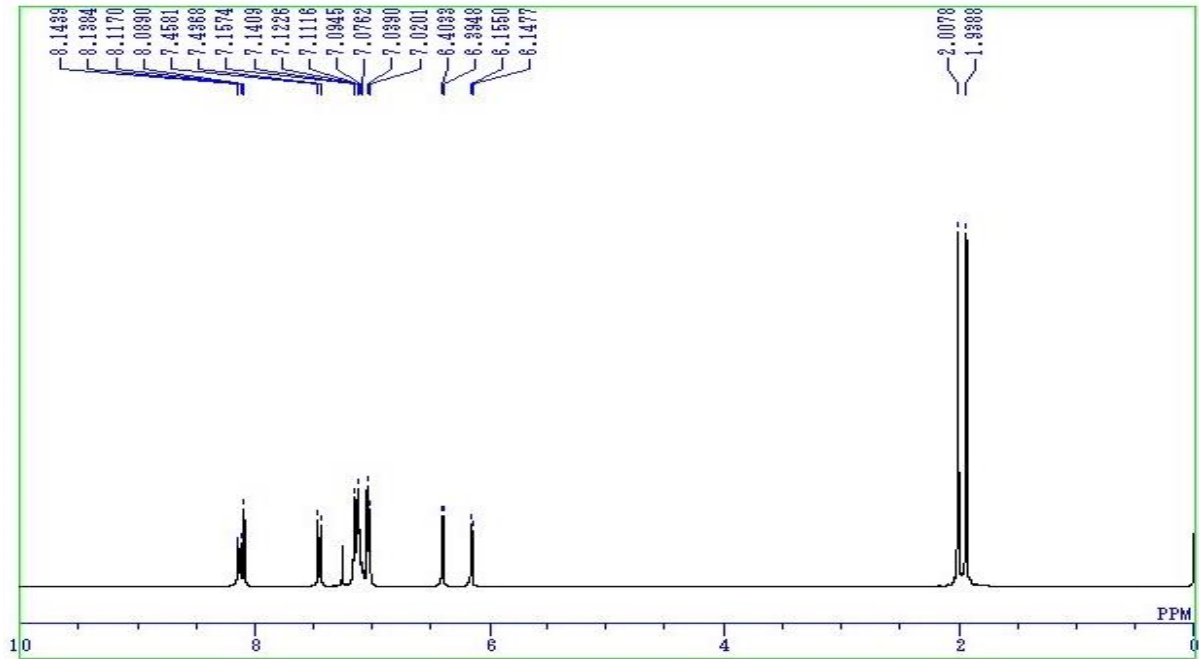


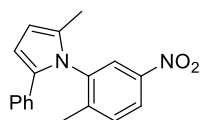
2-Methyl-1-(3-nitrophenyl)-5-phenyl-1H-pyrrole (**14**)



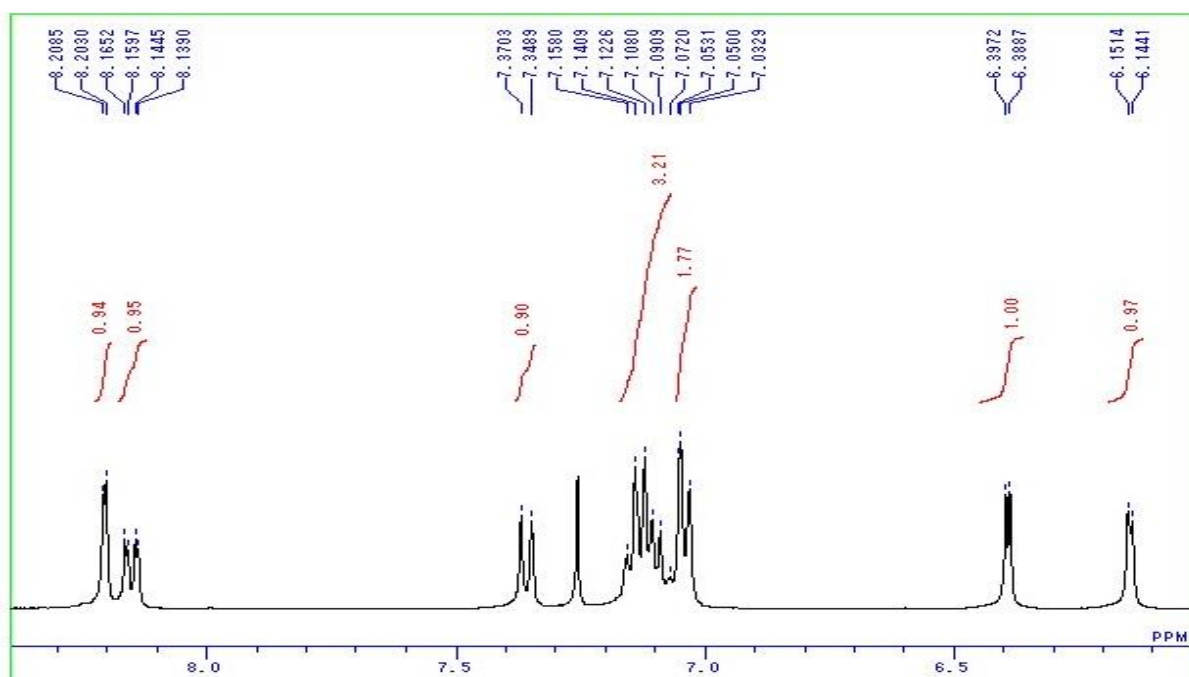
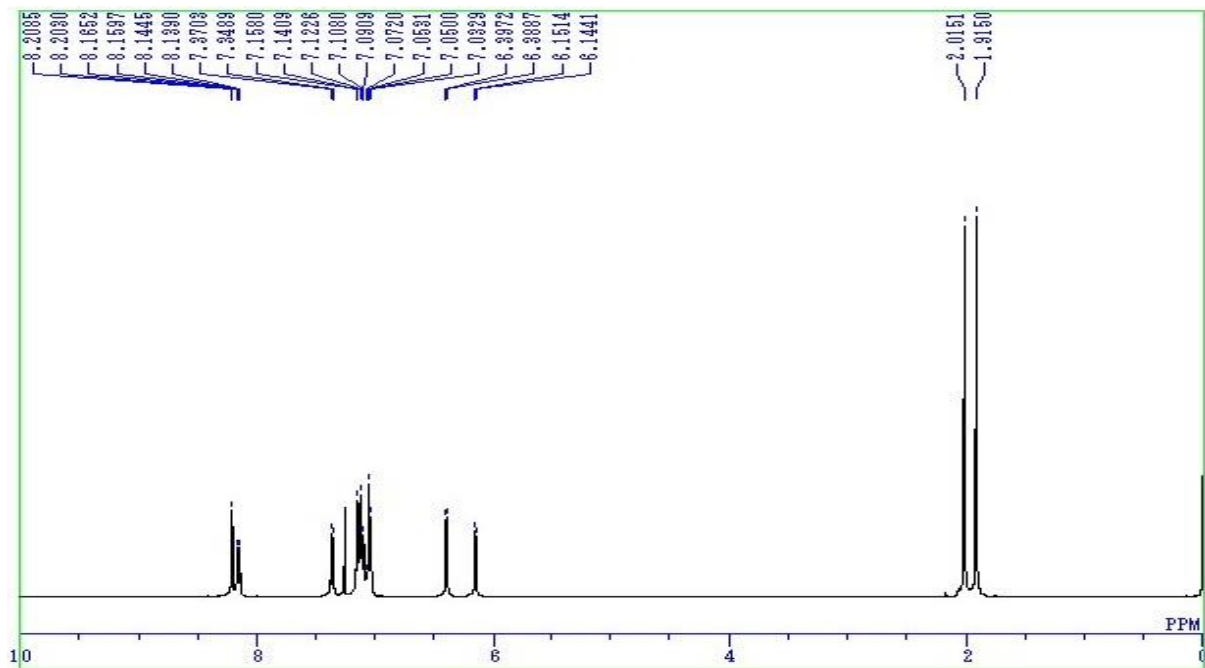


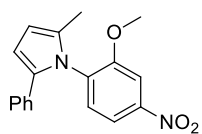
2-Methyl-1-(2-methyl-4-nitrophenyl)-5-phenyl-1H-pyrrole (**15**)



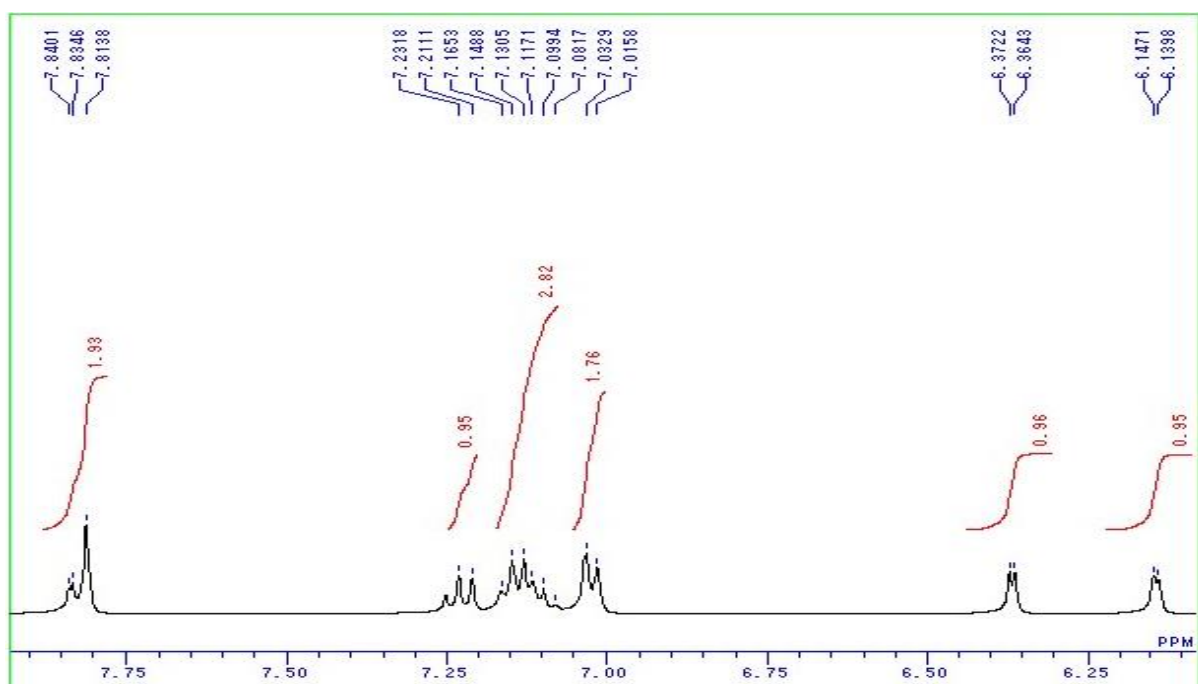
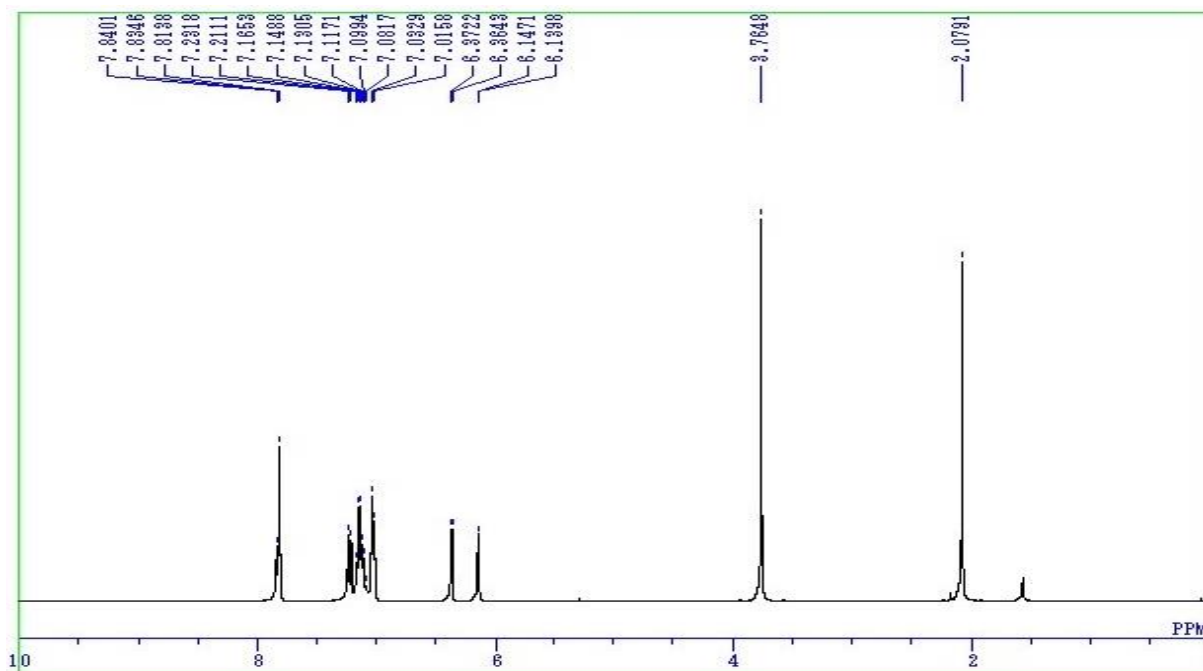


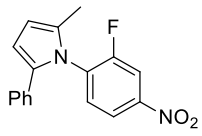
2-Methyl-1-(6-methyl-3-nitrophenyl)-5-phenyl-1H-pyrrole (**16**)



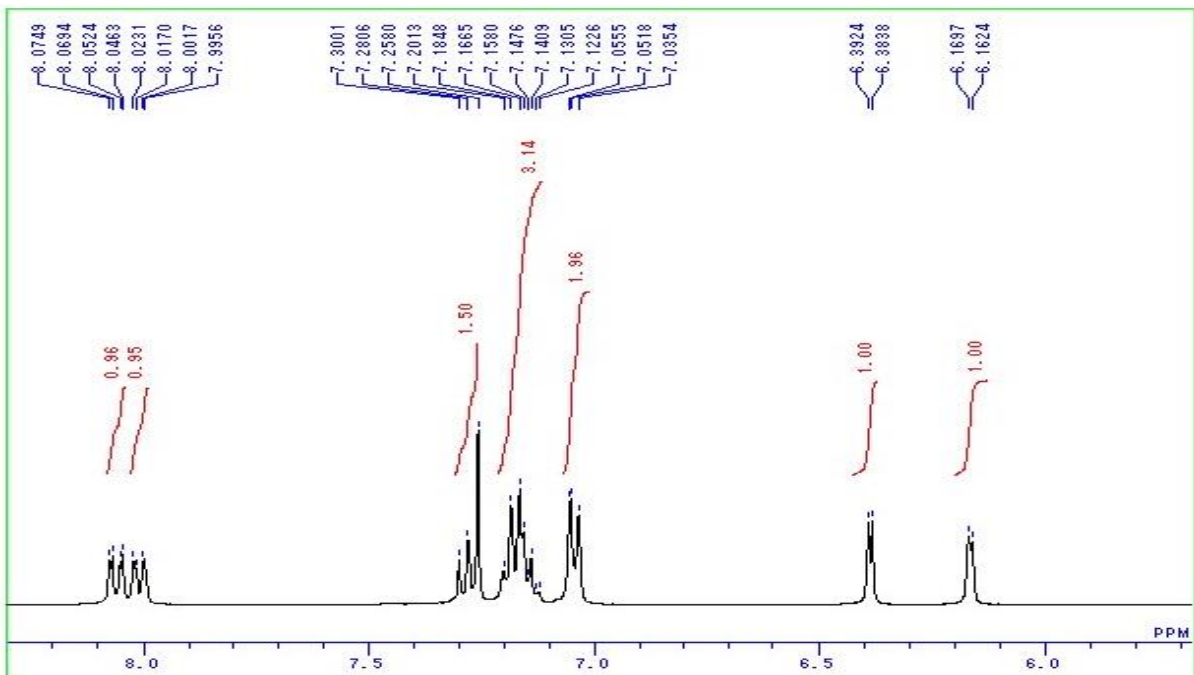
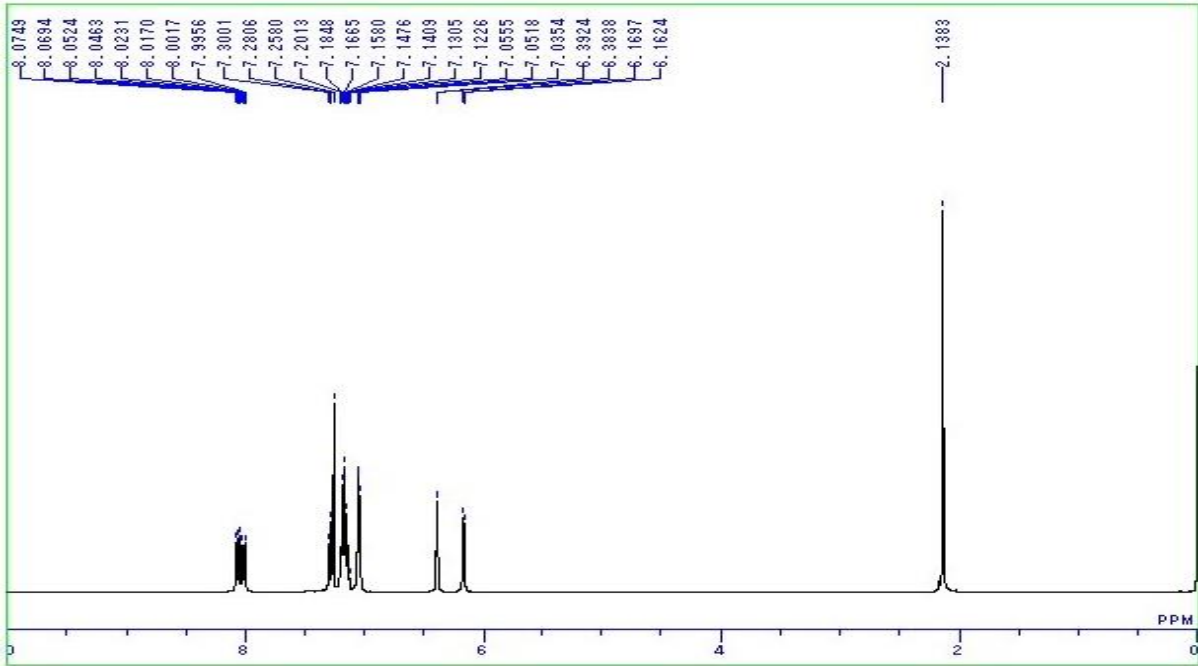


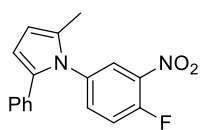
1-(2-Methoxy-4-nitrophenyl)-2-methyl-5-phenyl-1H-pyrrole (17)



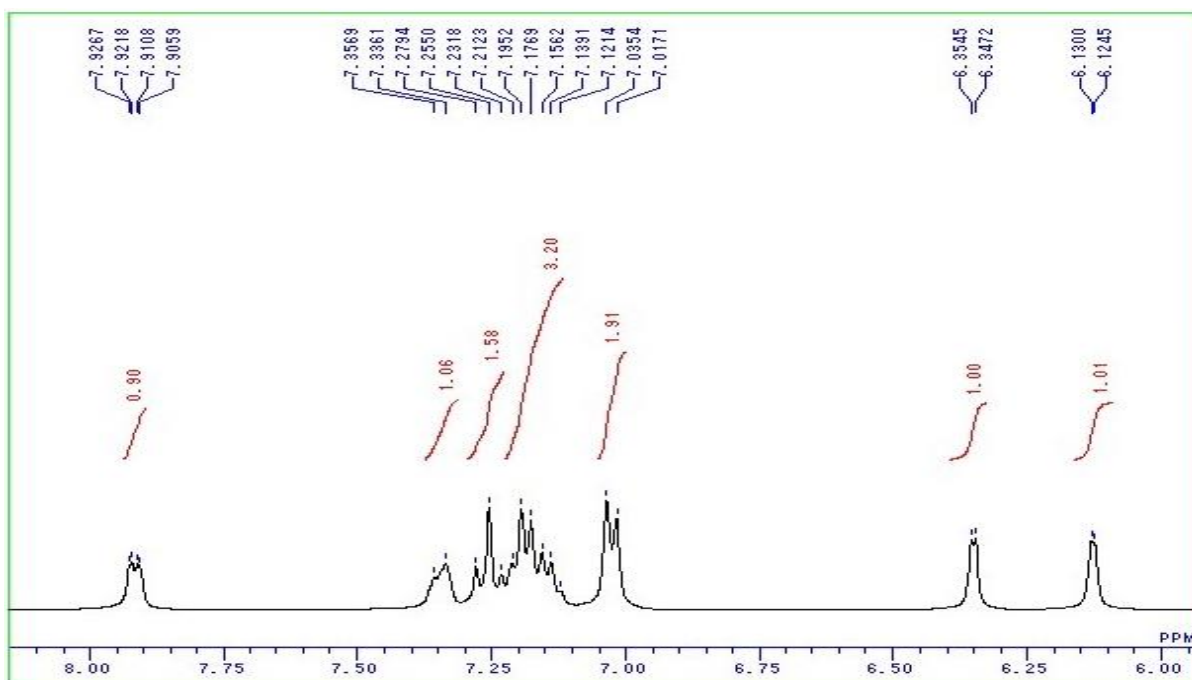
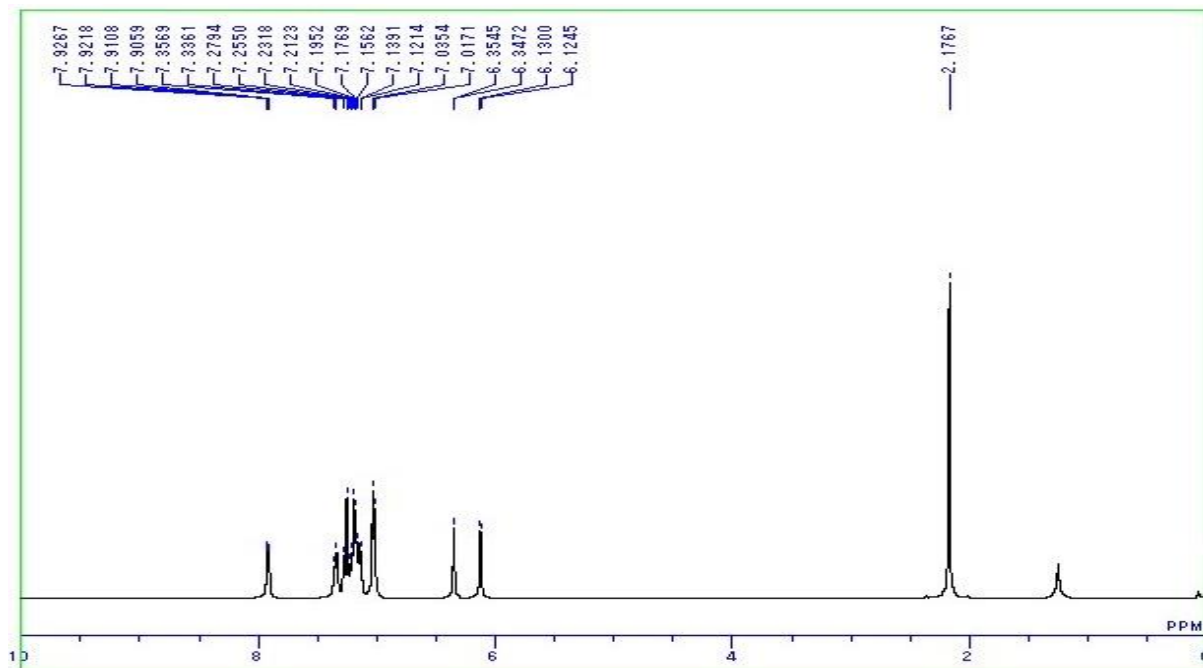


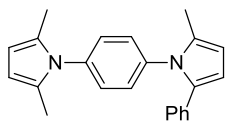
1-(2-Fluoro-4-nitrophenyl)-2-methyl-5-phenyl-1H-pyrrole (**18**)



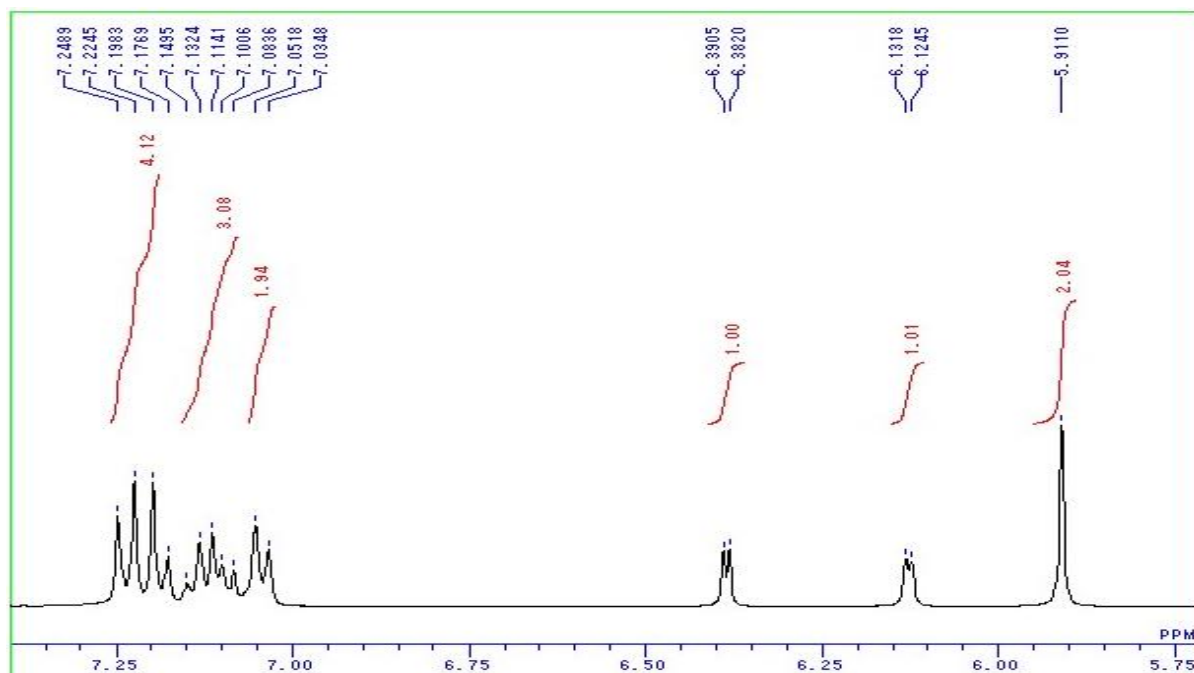
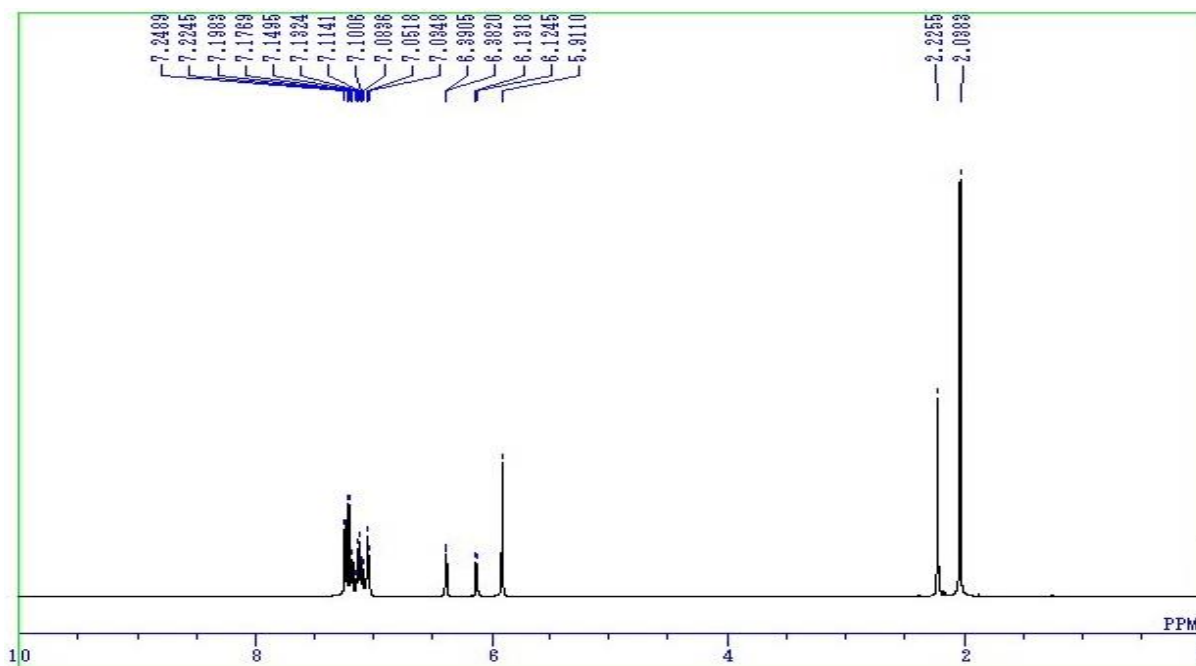


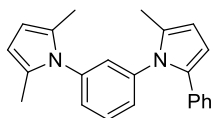
1-(4-Fluoro-3-nitrophenyl)-2-methyl-5-phenyl-1H-pyrrole (**19**)



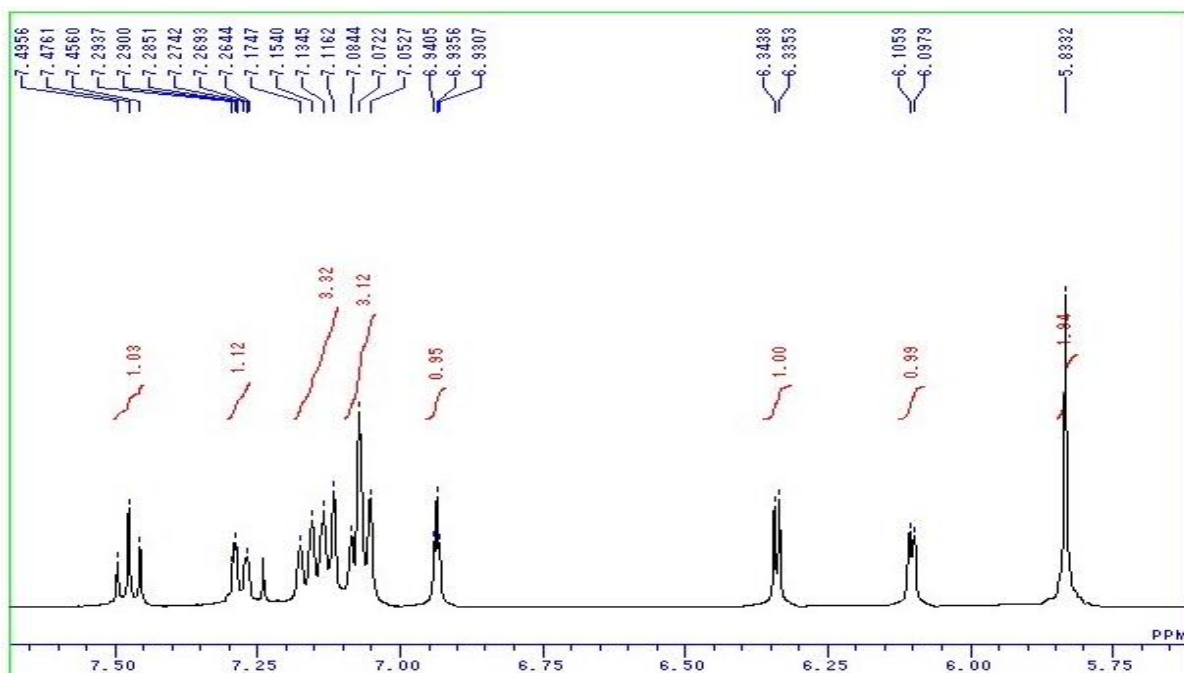
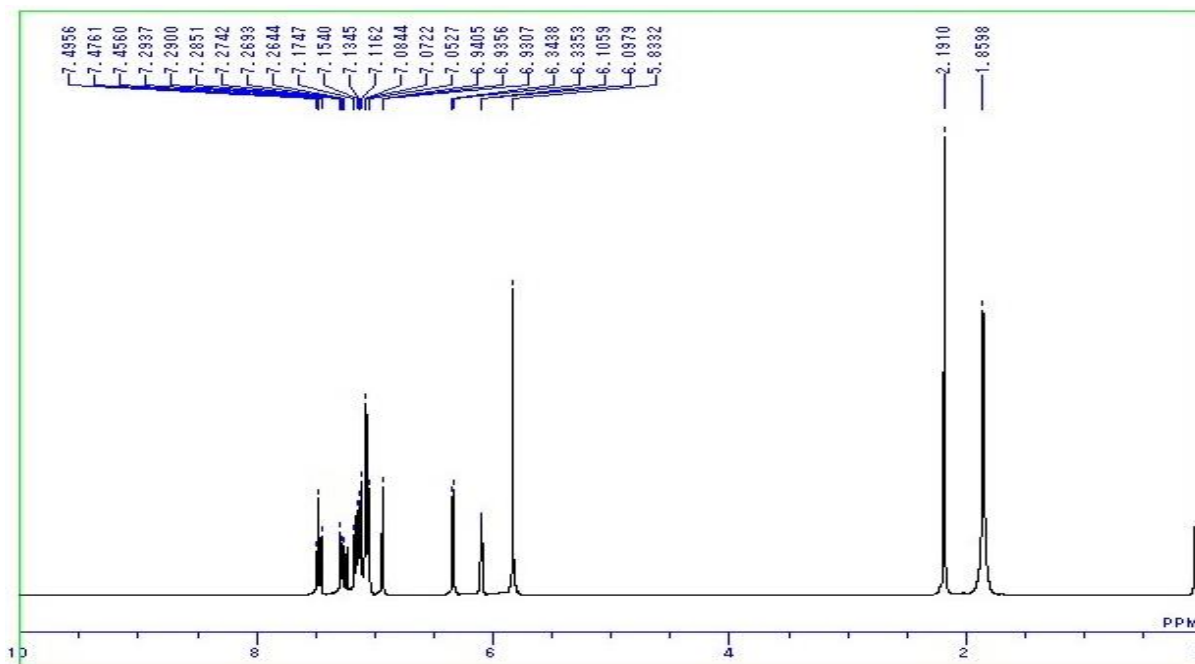


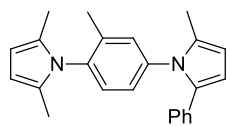
2,5-Dimethyl-1-[4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (20)



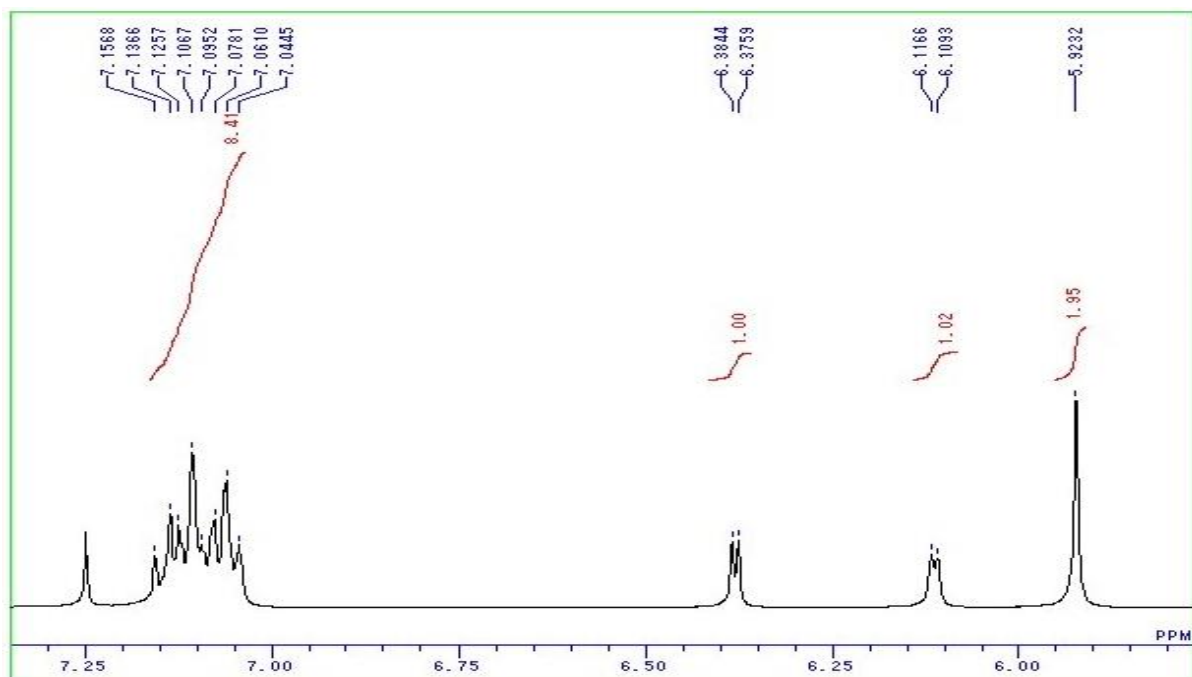
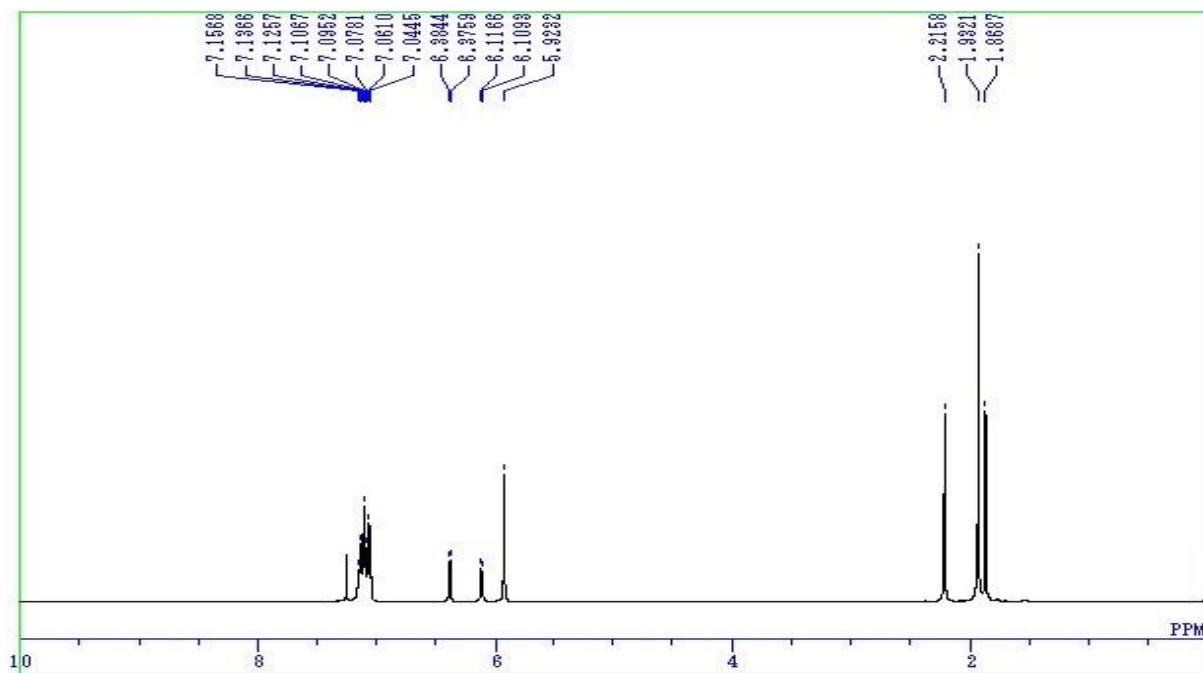


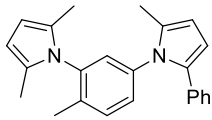
2,5-Dimethyl-1-[3-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (21)



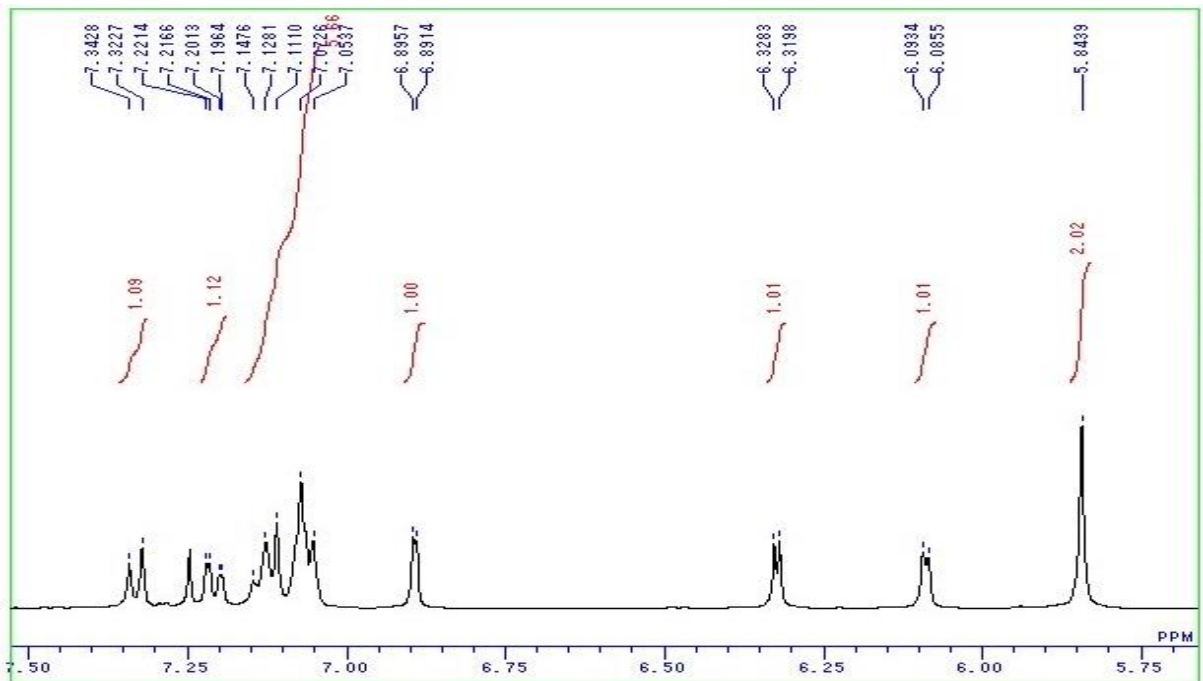
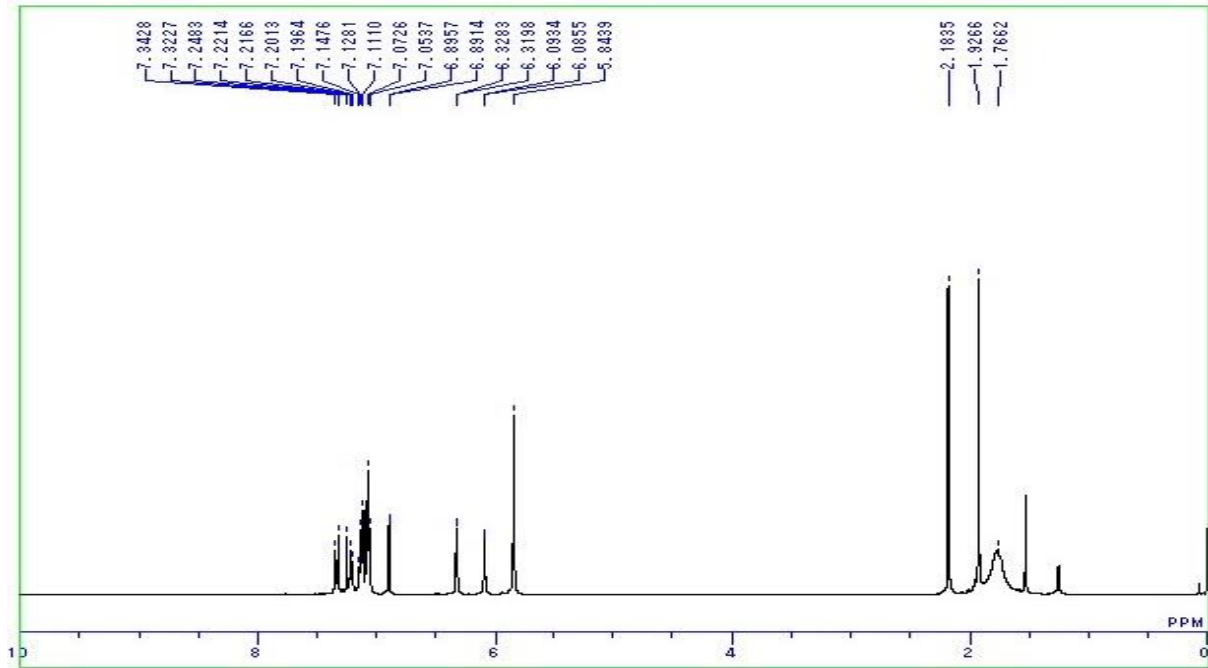


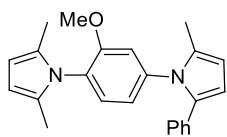
2,5-Dimethyl-1-[2-methyl-4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (22)



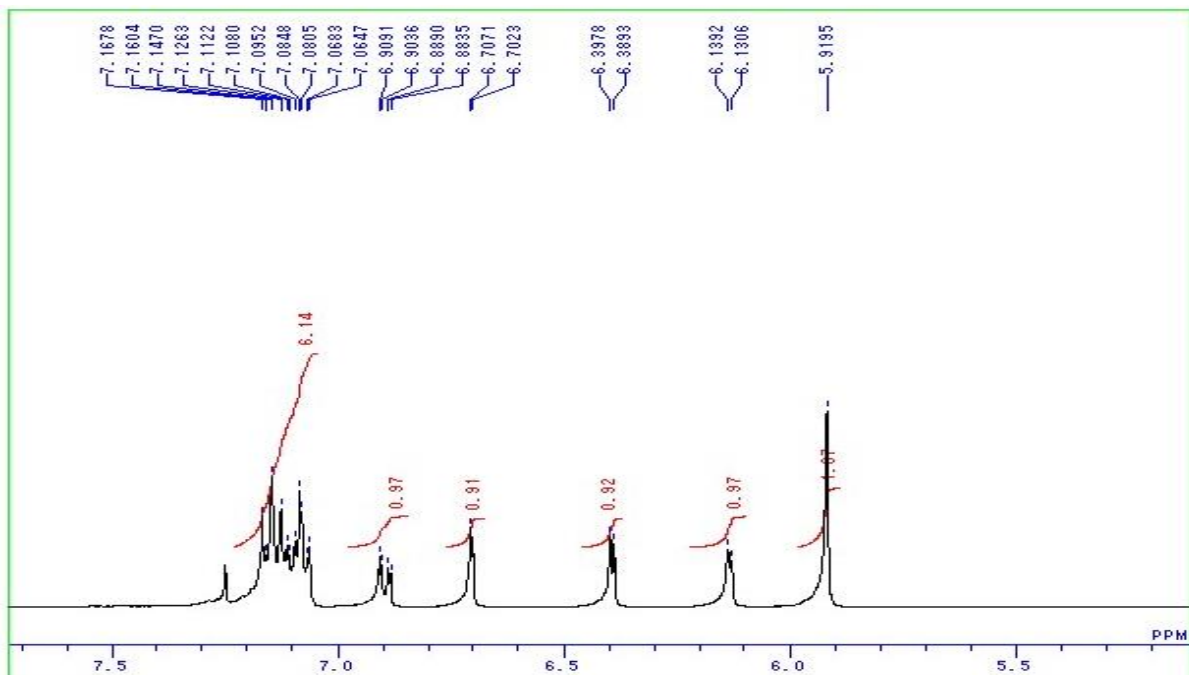
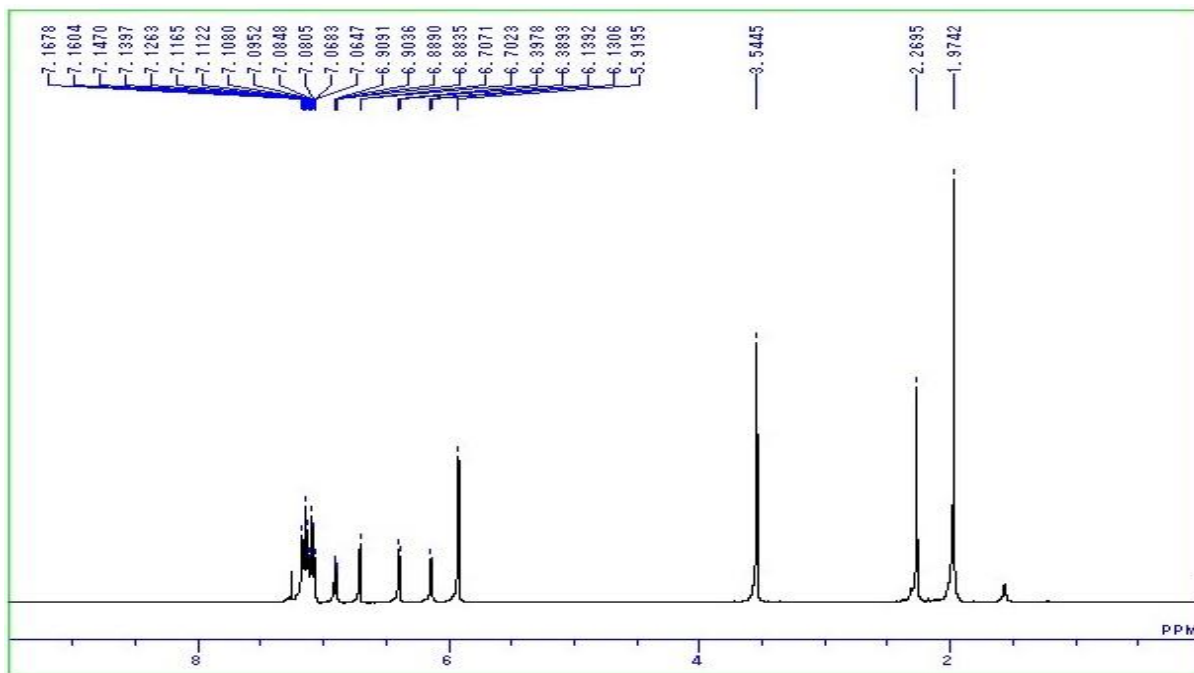


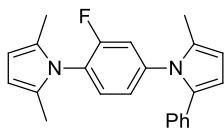
2,5-Dimethyl-1-[2-methyl-5-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**23**)



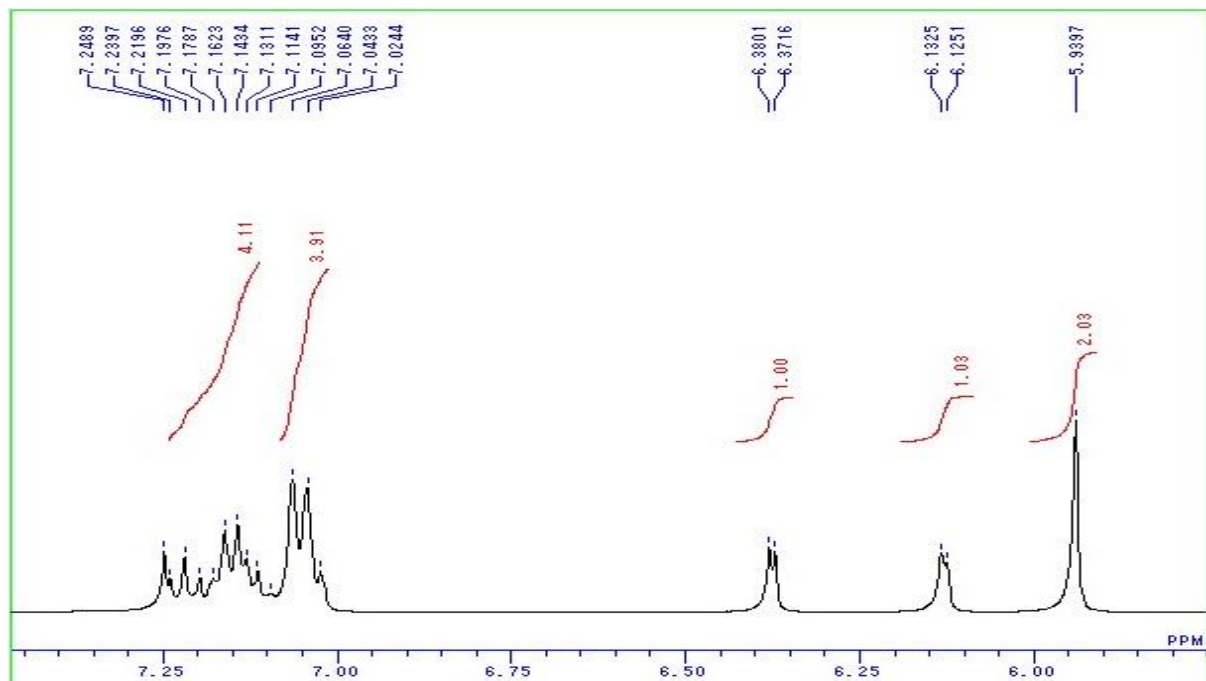
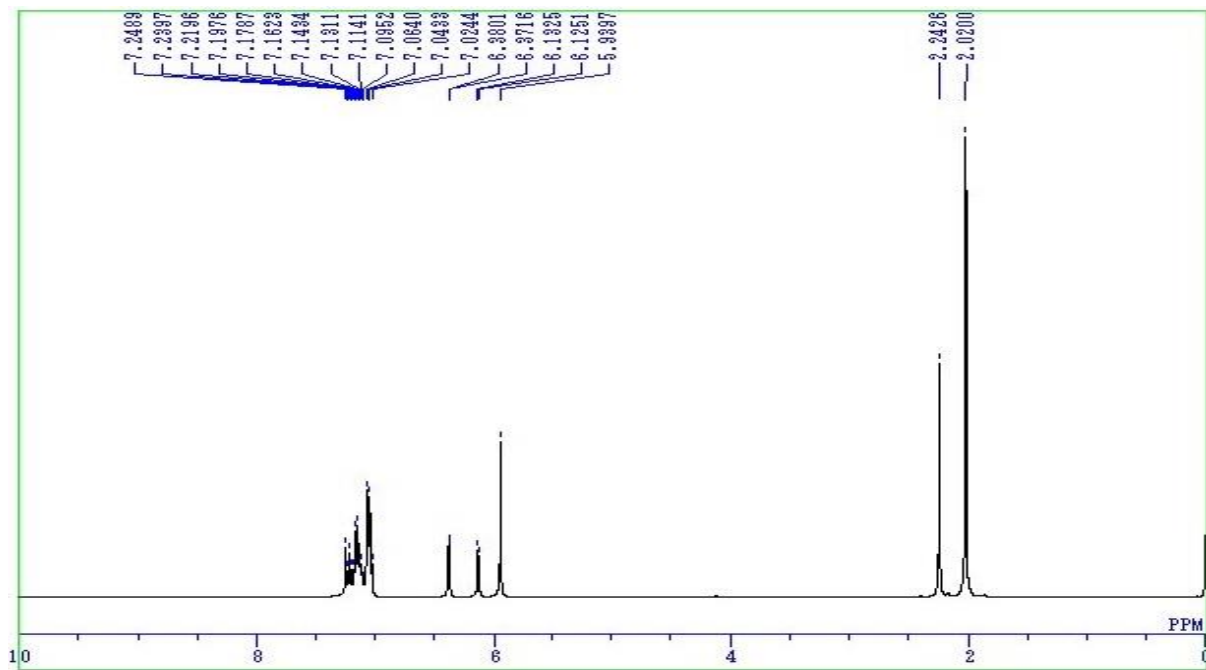


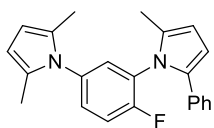
2,5-Dimethyl-1-[2-methoxy-4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**24**)



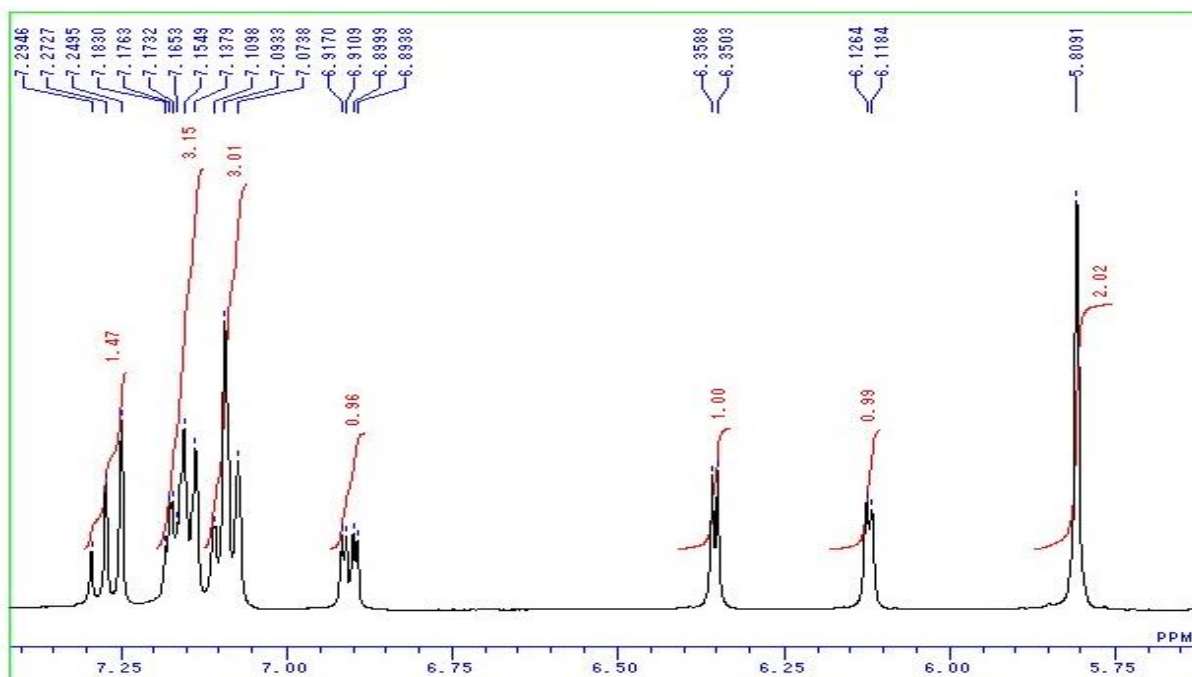
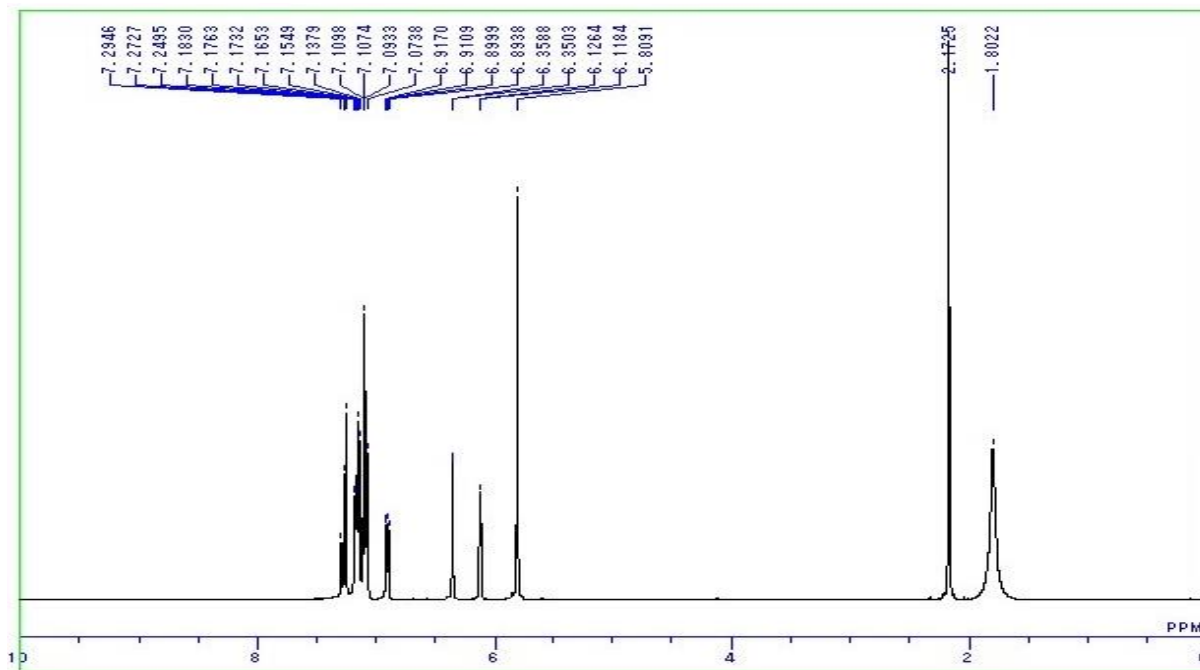


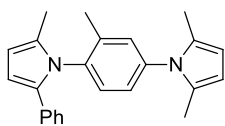
2,5-Dimethyl-1-[2-fluoro-4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**25**)



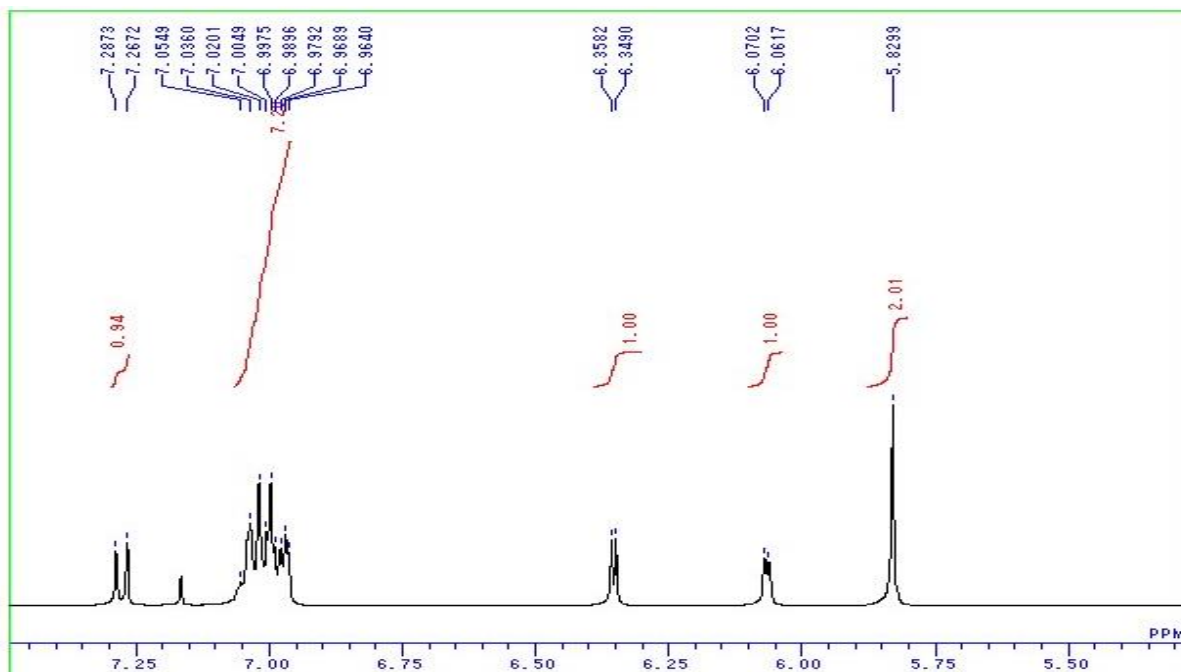
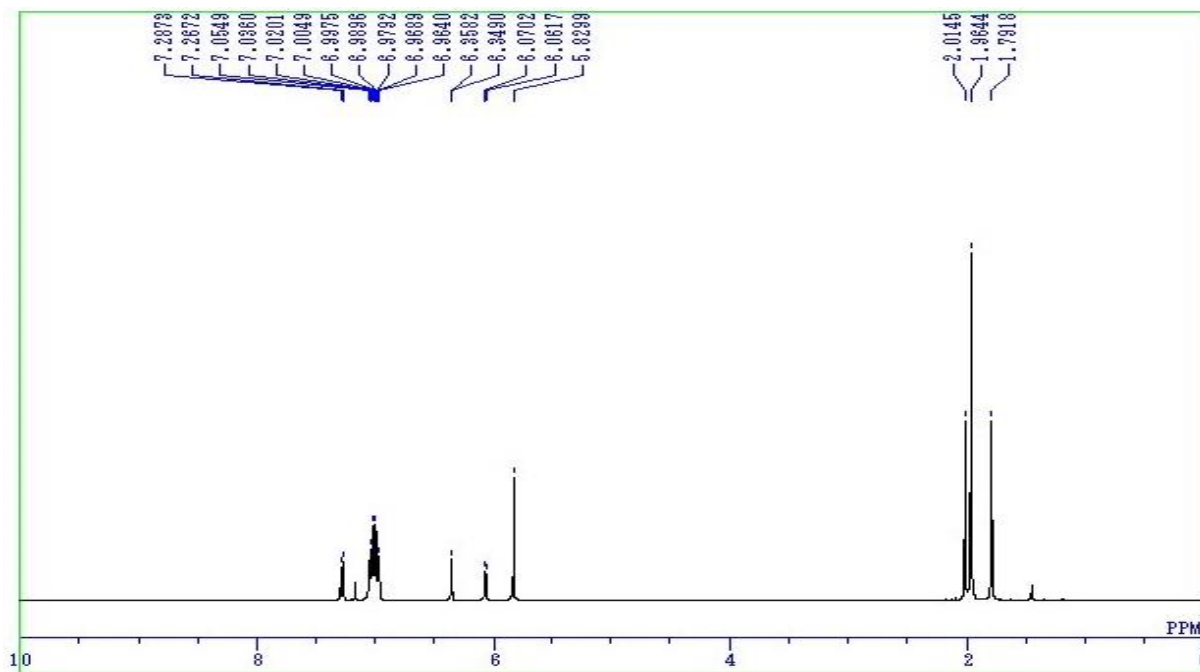


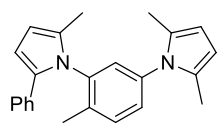
2,5-Dimethyl-1-[4-fluoro-3-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**26**)



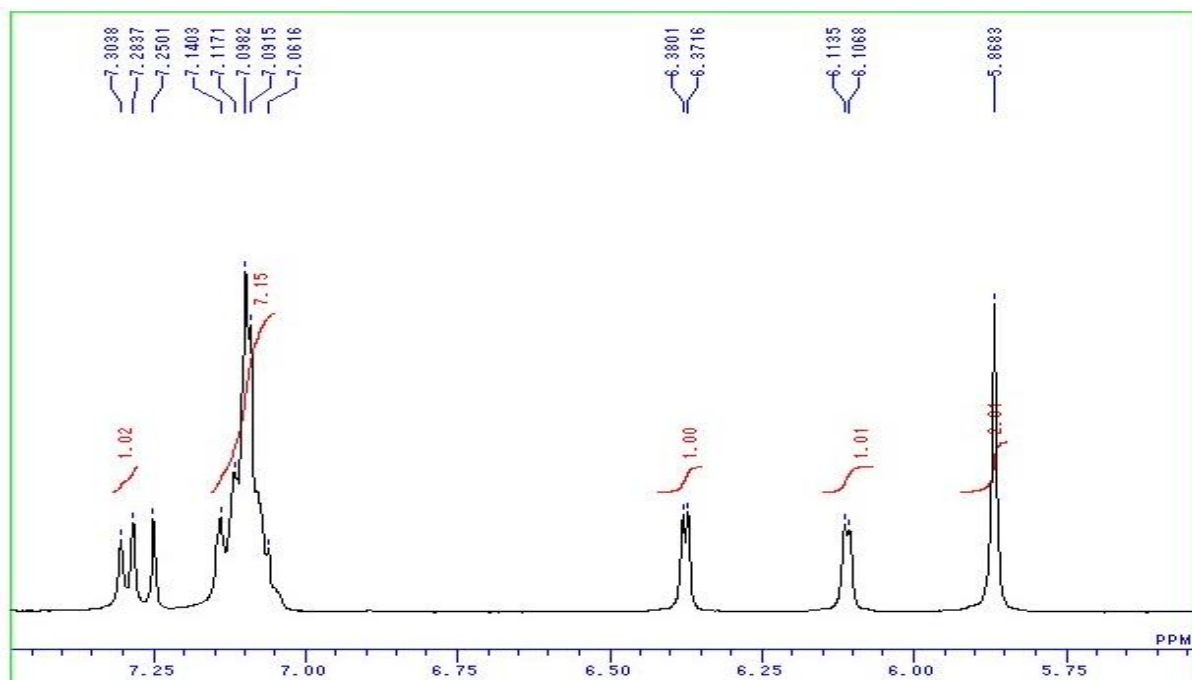
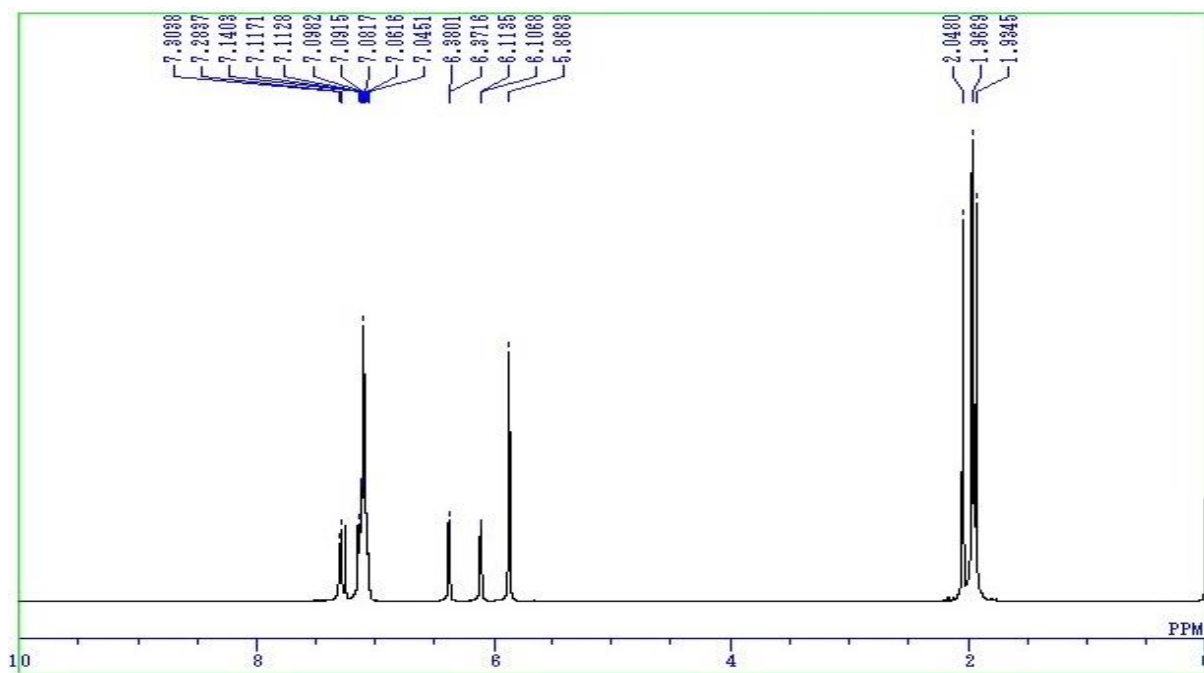


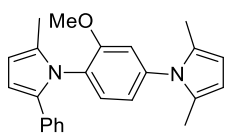
2,5-Dimethyl-1-[3-methyl-4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (27)



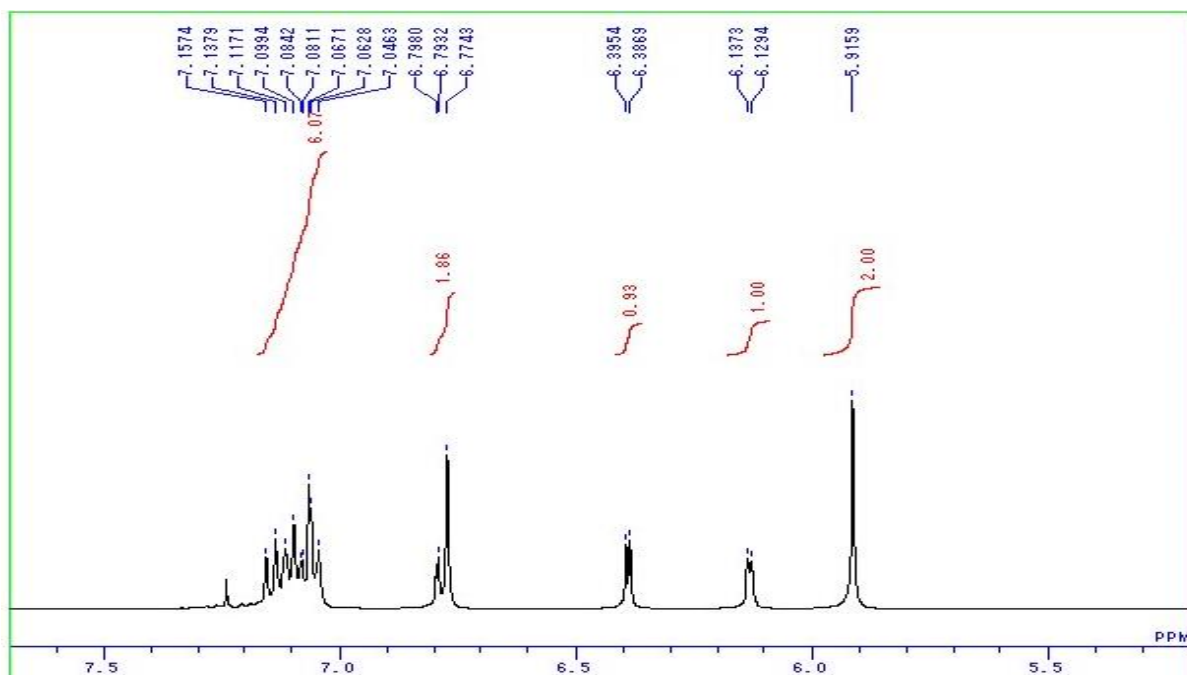
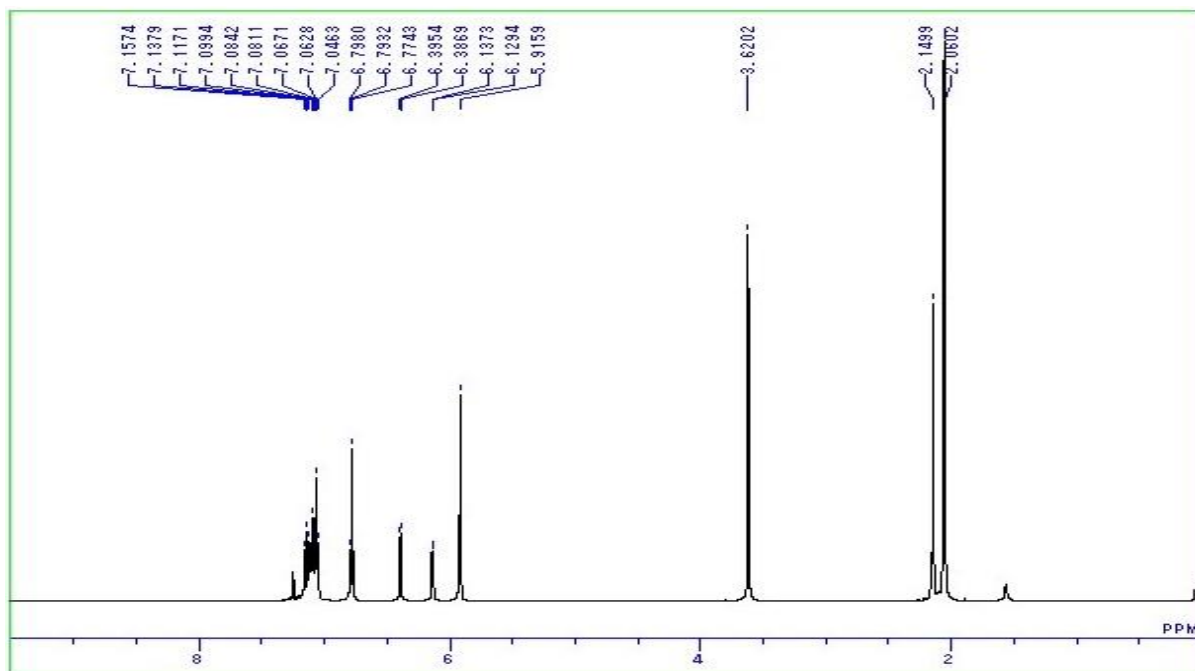


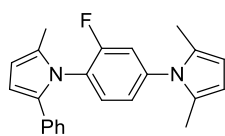
2,5-Dimethyl-1-[4-methyl-3-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**28**)



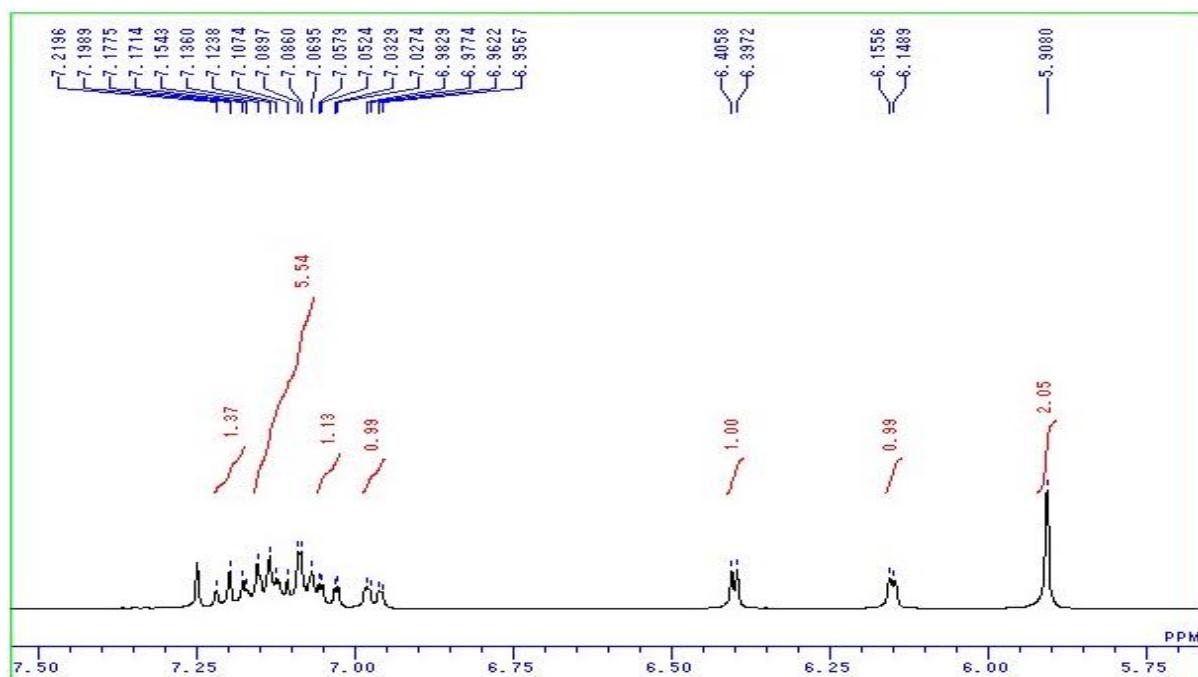
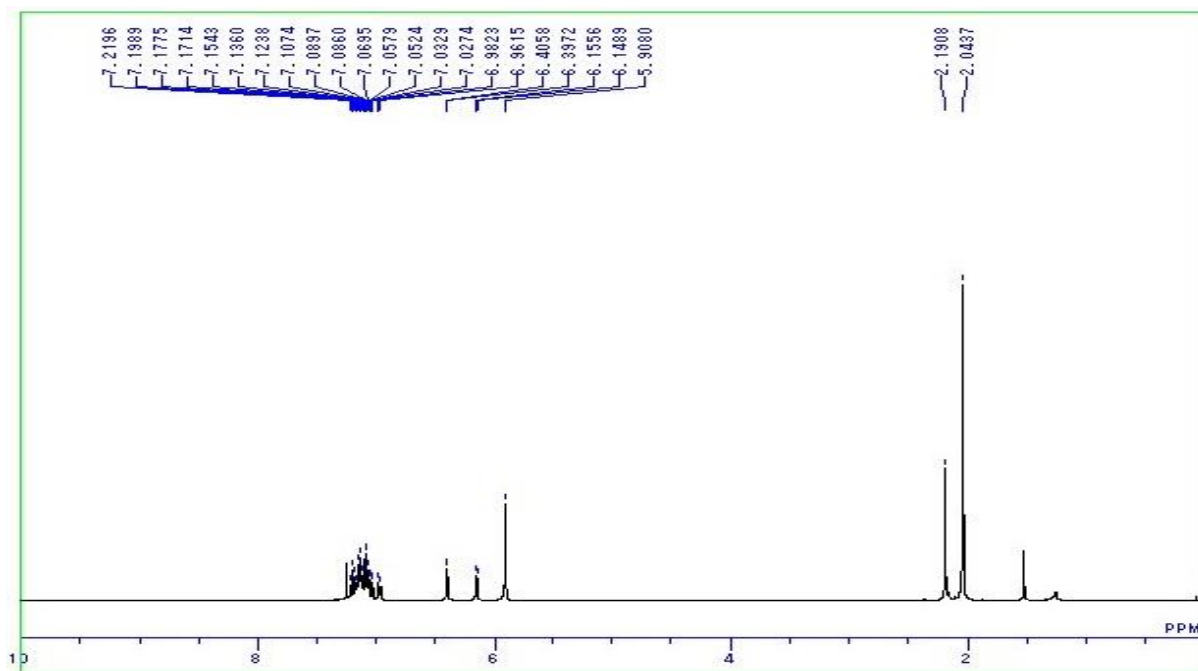


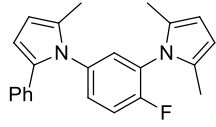
2,5-Dimethyl-1-[3-methoxy-4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**29**)



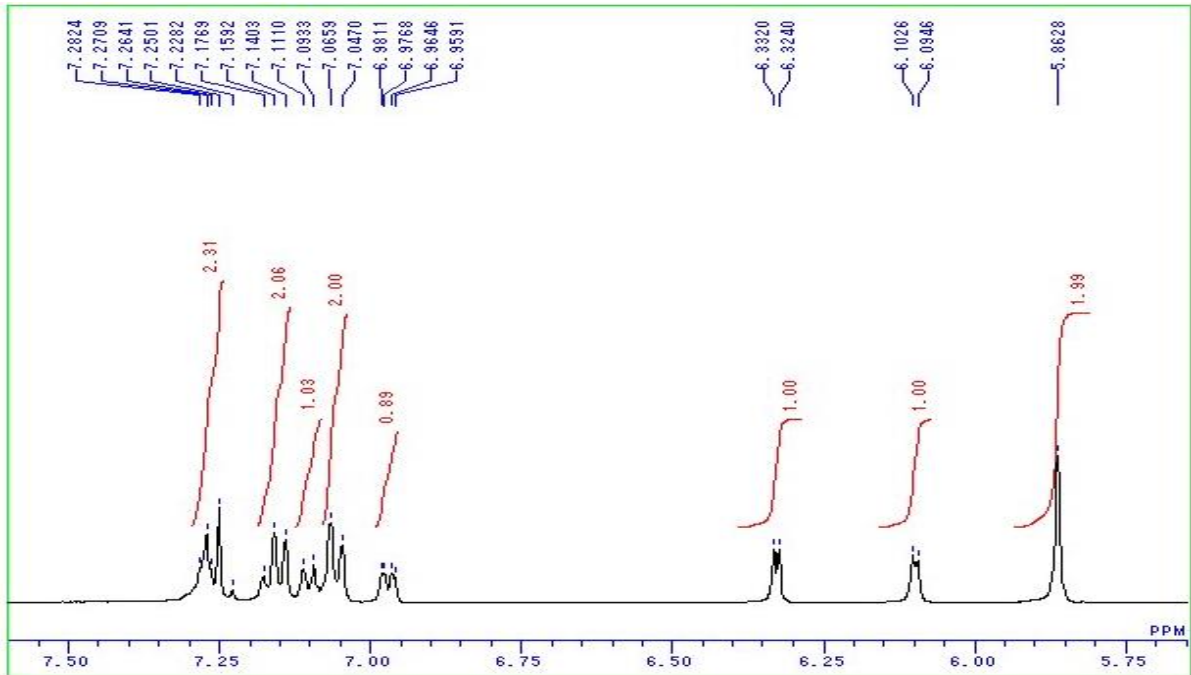
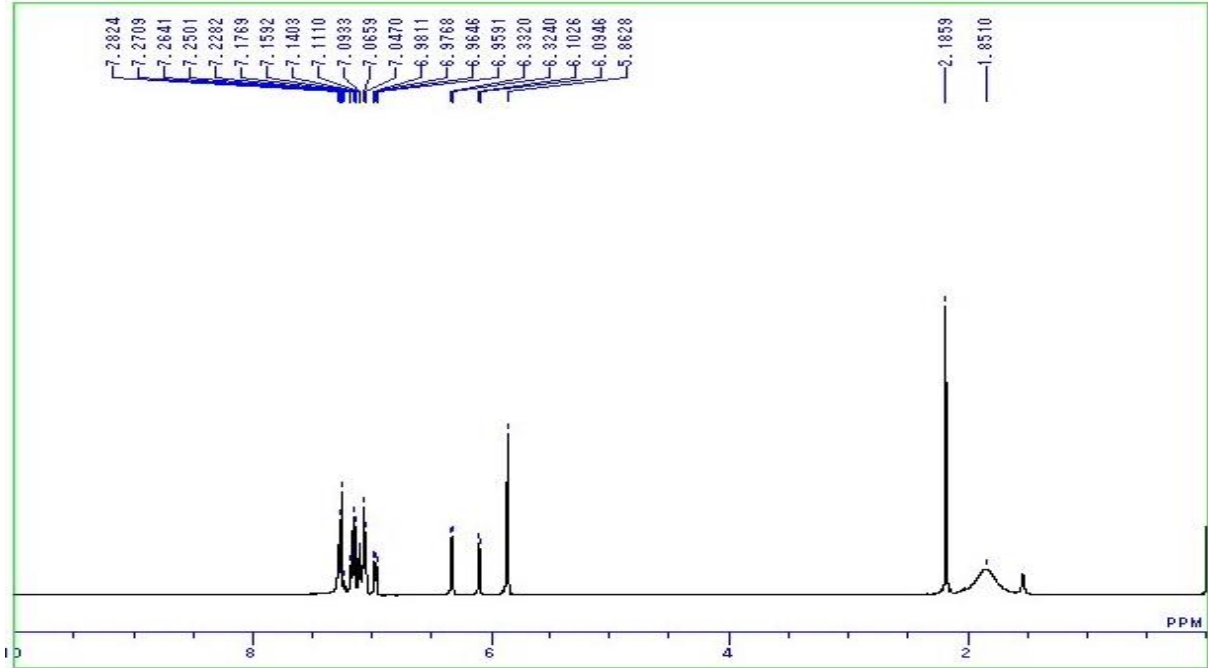


2,5-Dimethyl-1-[3-fluoro-4-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**30**)





2,5-Dimethyl-1-[2-fluoro-5-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenyl]-1H-pyrrole (**31**)



¹³C NMR of unsymmetrical
((1*H*-pyrrol-1-yl)phenyl)-1*H*-pyrrole derivatives

