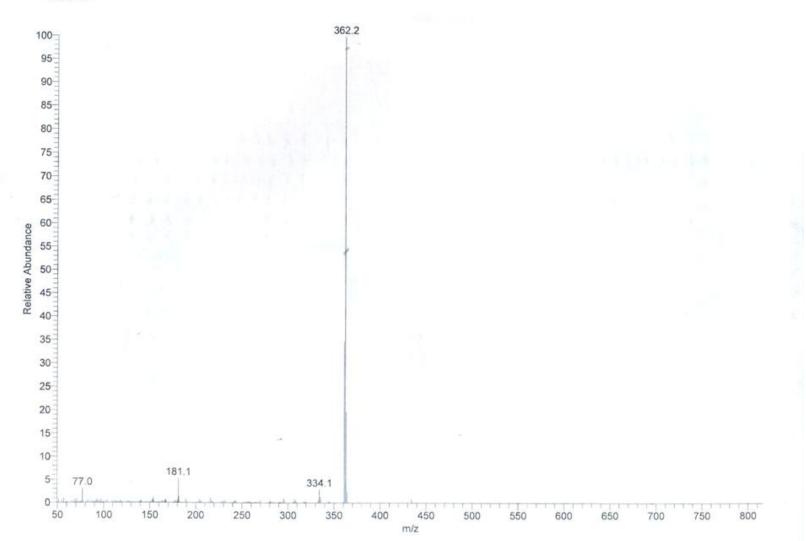
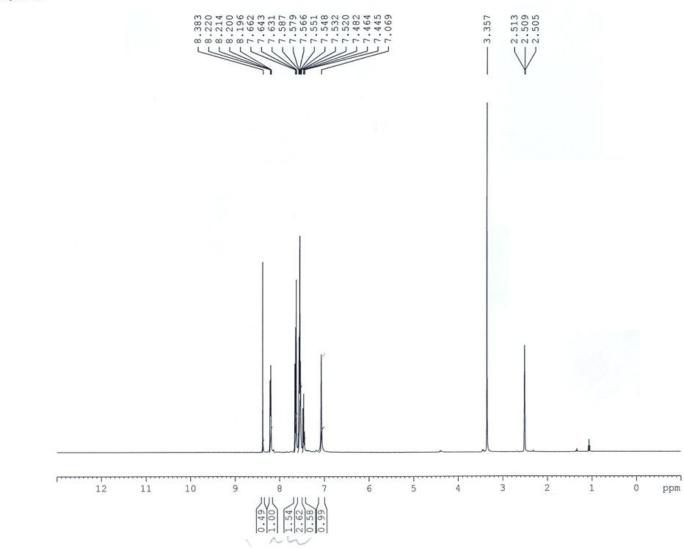
(Supplementary material)

Multi component reactions under increased pressure: On the mechanism of formation of pyridazino[5,4,3-de][1,6]naphthyridine derivatives from reaction of malononitrile, aldehyde and 2-oxoglyoxalarylhydrazones in Q-tubes

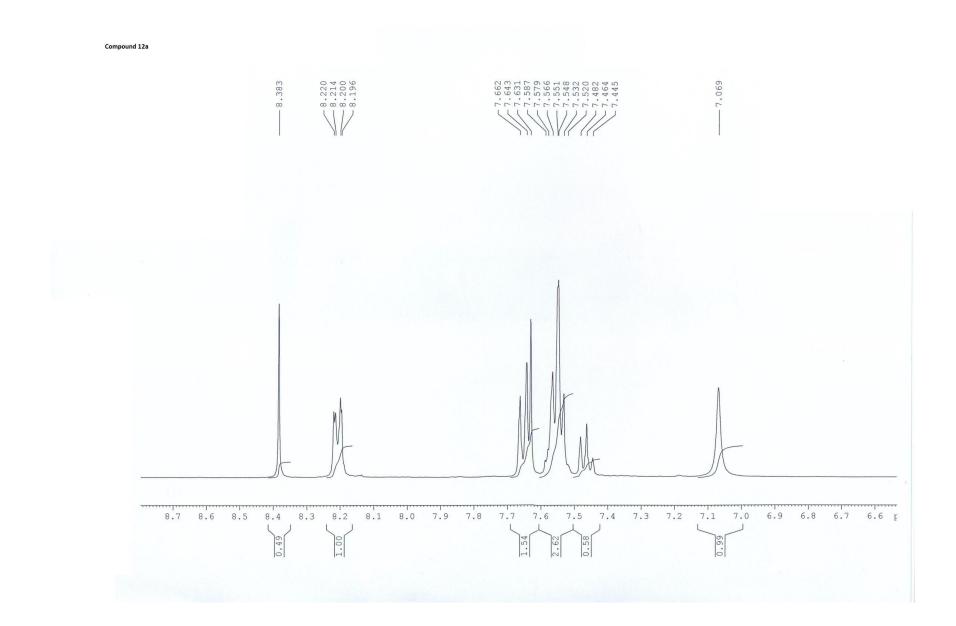
Majdah A. AL-Johani¹, Khadijah M. Al-Zaydi^{1,*}, Sameera M. Mousally¹, Norah F. Alqahtani¹, Noha Hilmy Elnagdi², Mohamed H. Elnagdi³

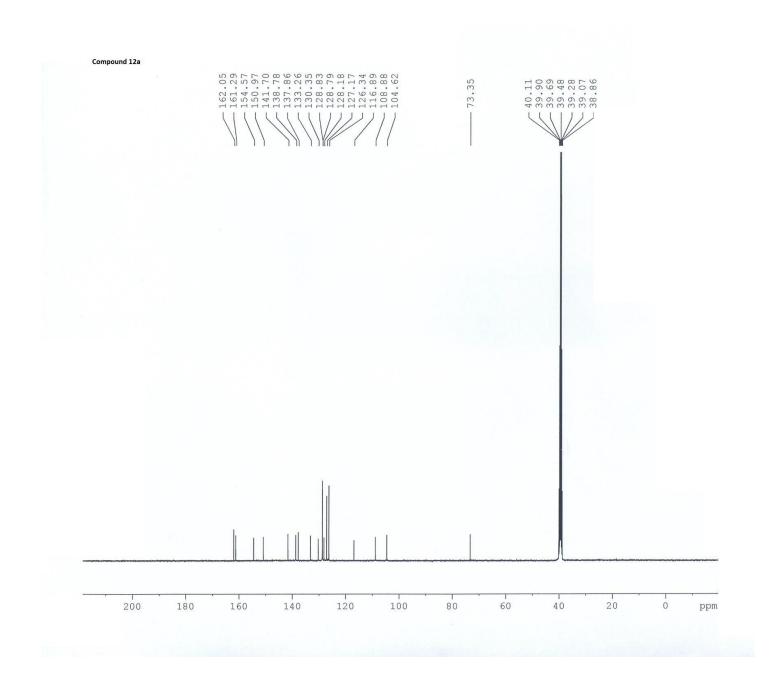


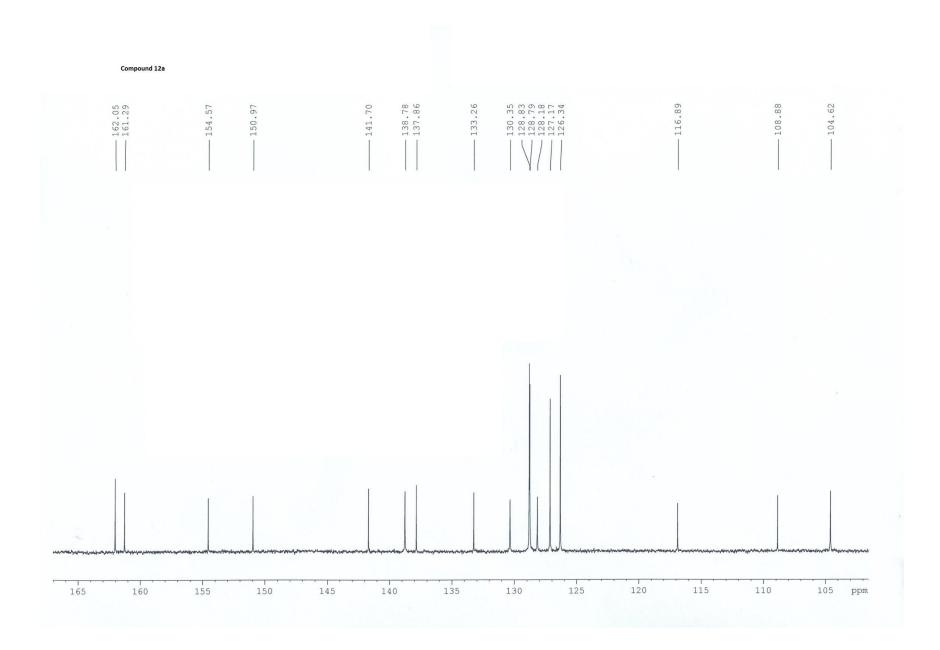
Compound 12a

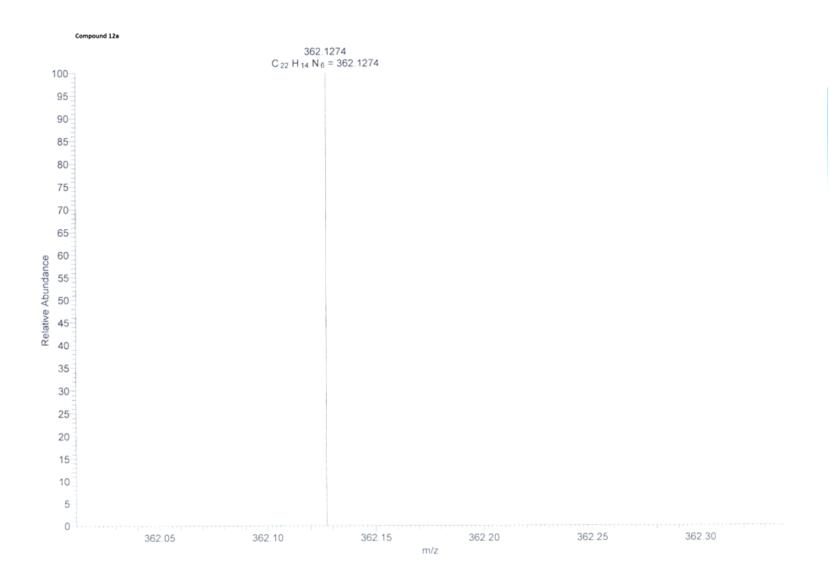


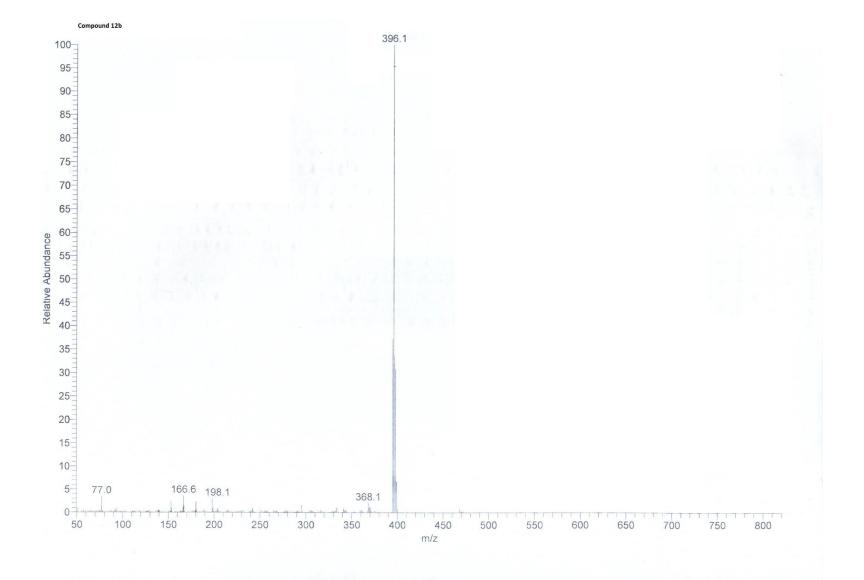
Compound 12a

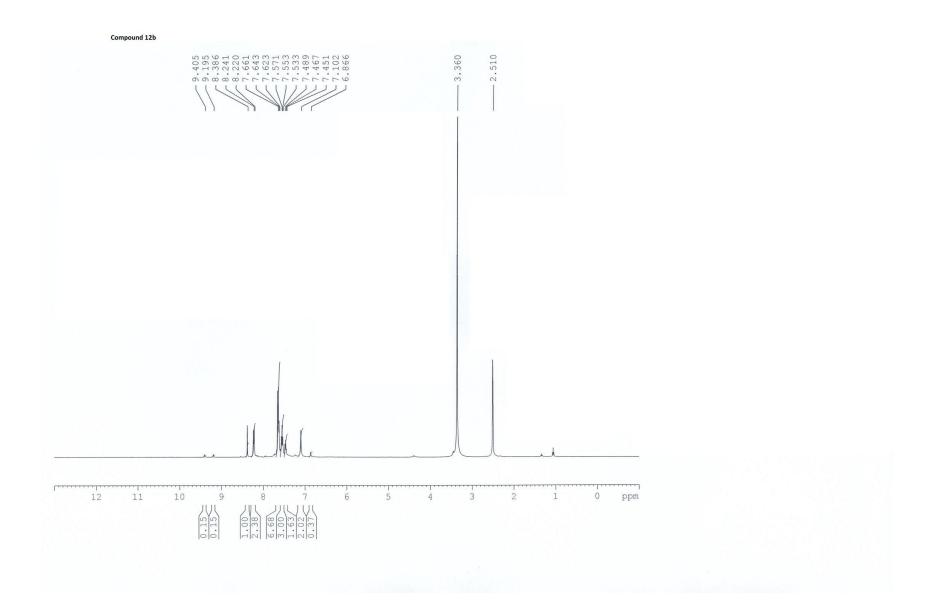


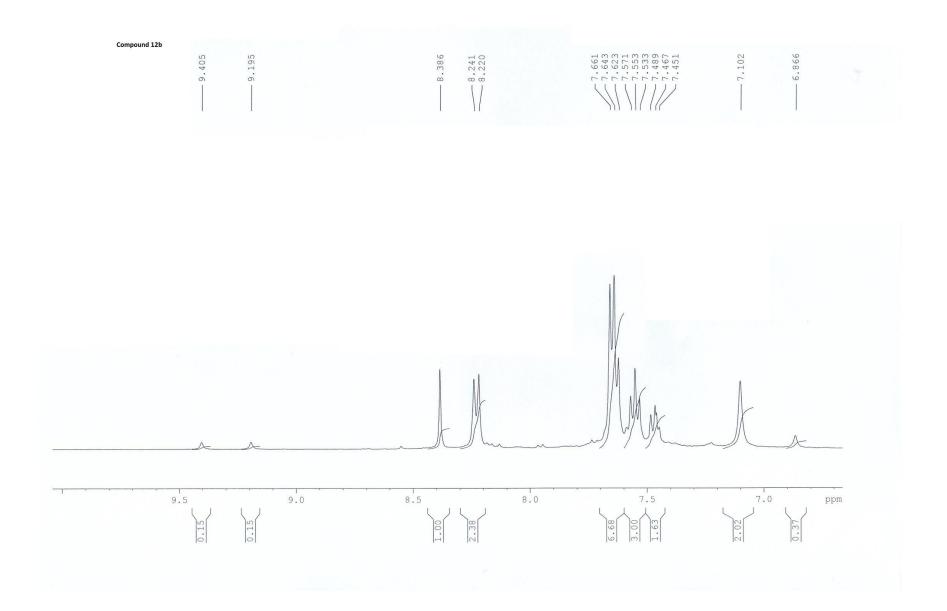


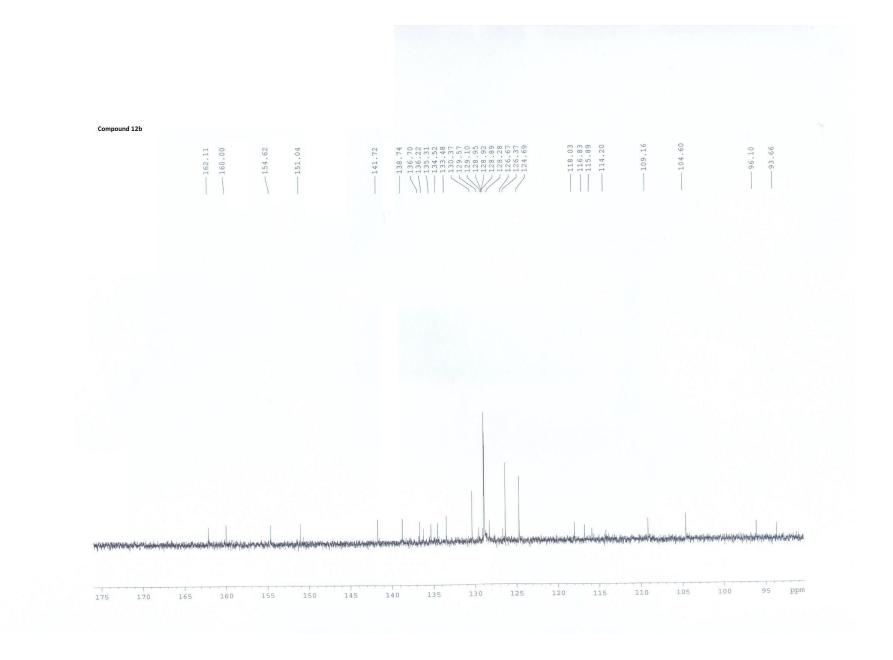




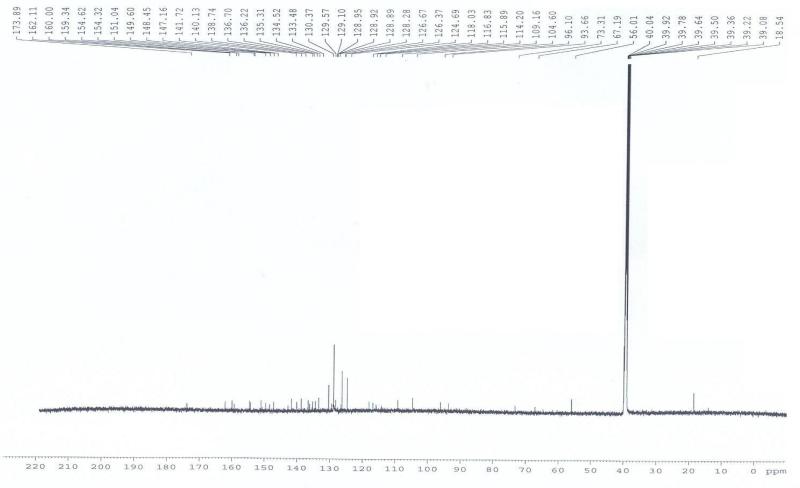


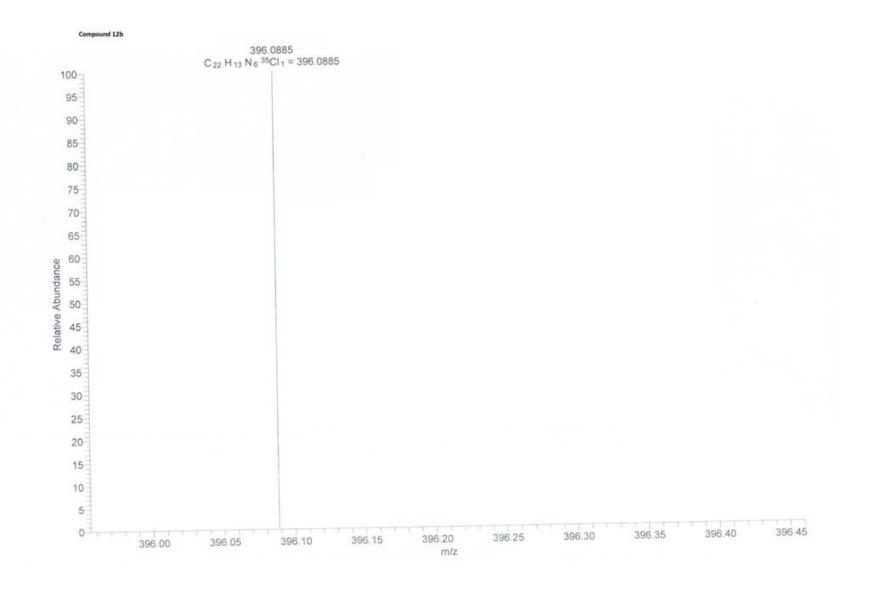


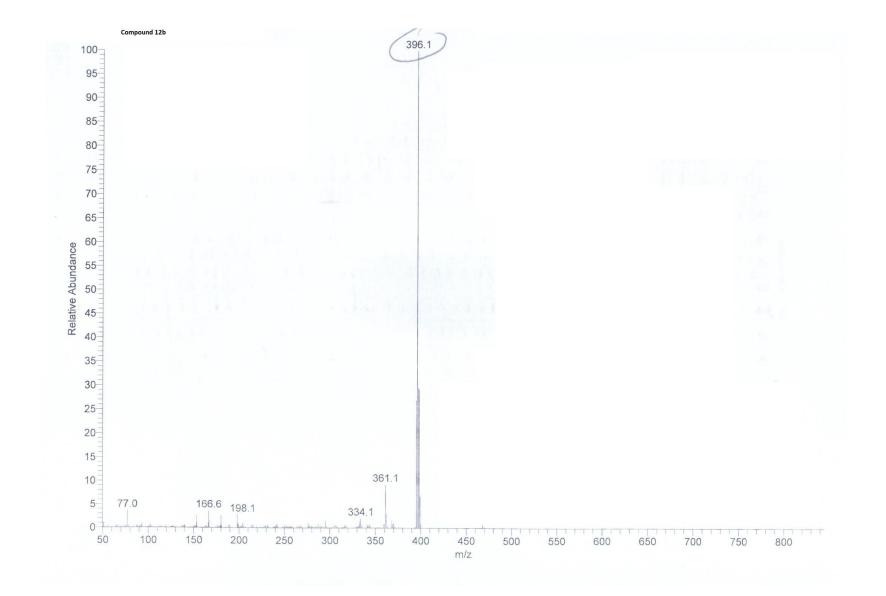




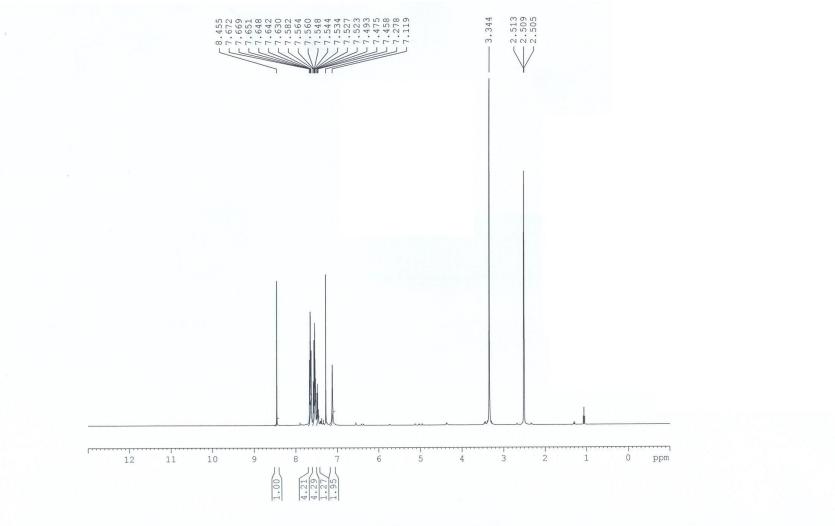


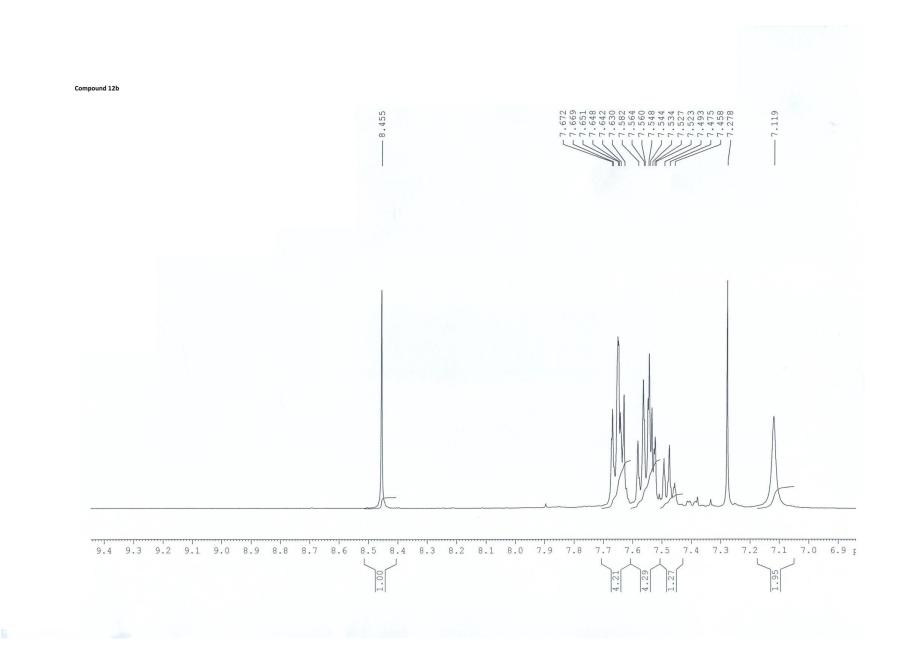


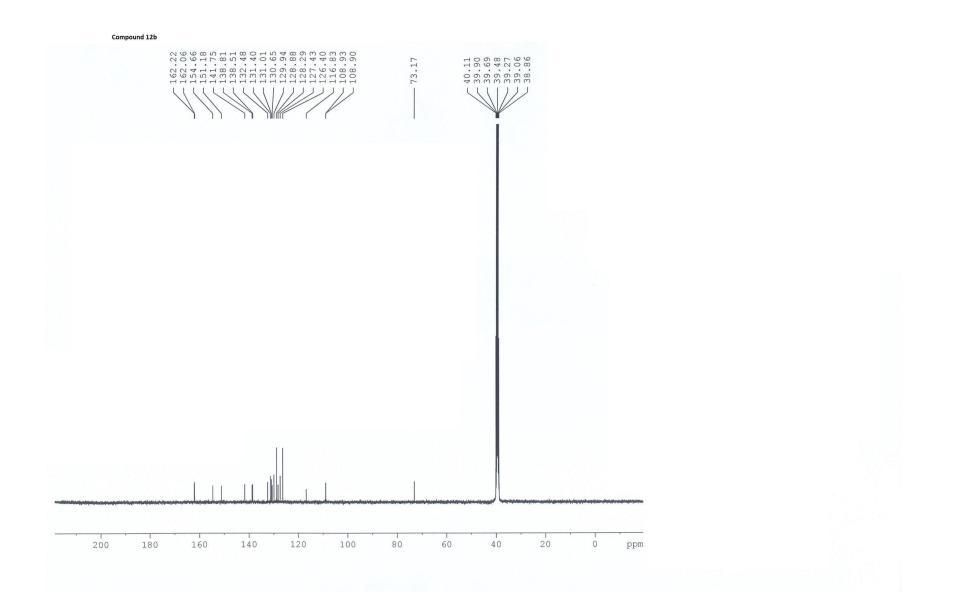


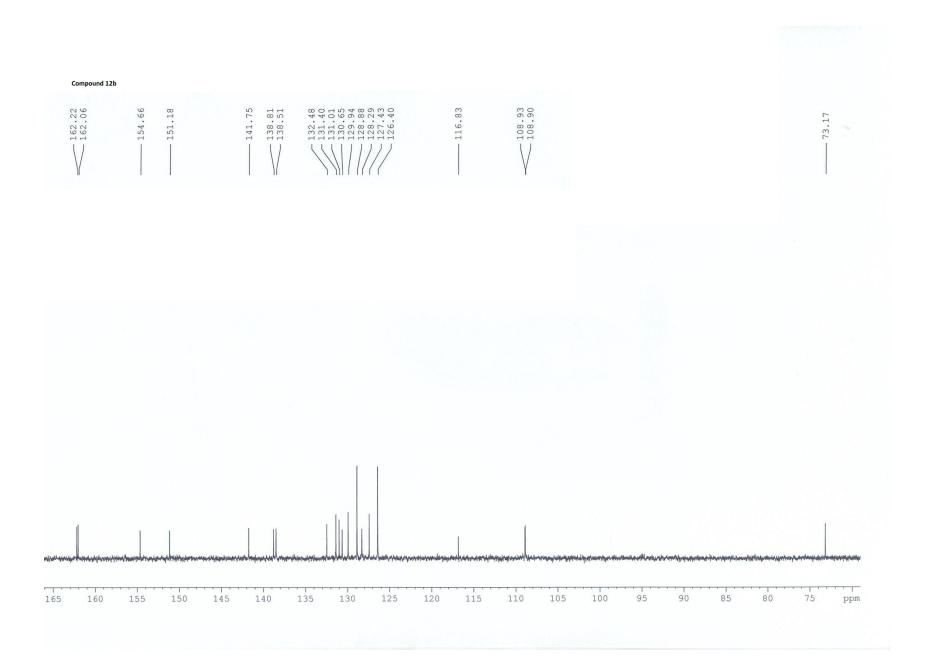


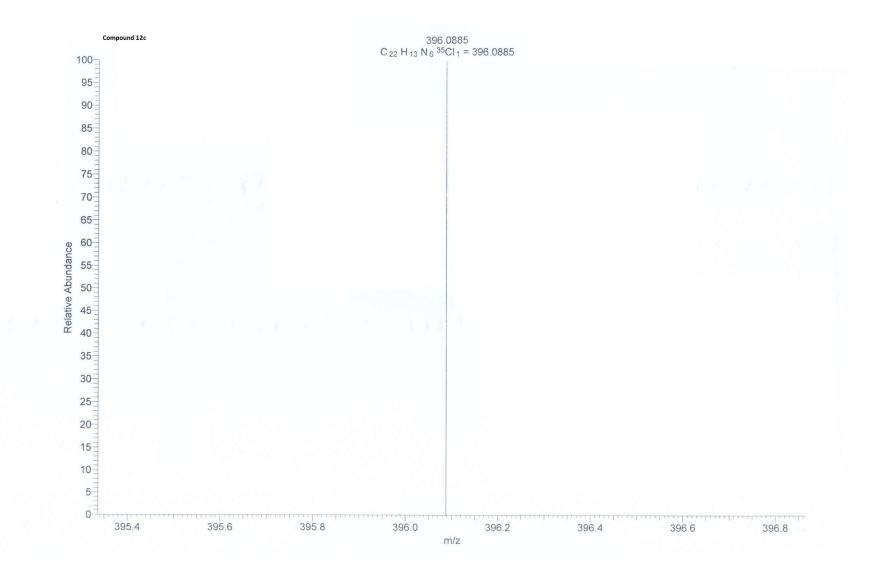
Compound 12b

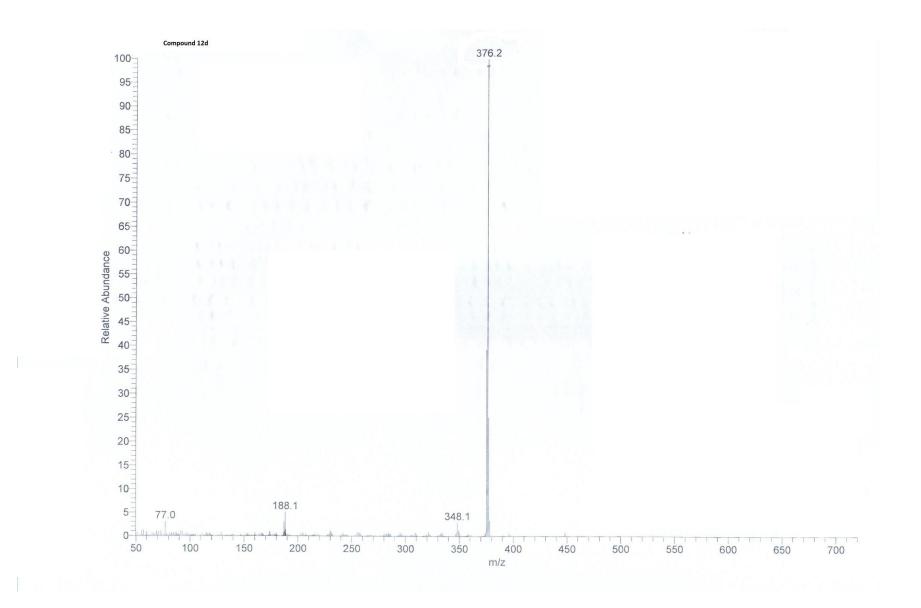


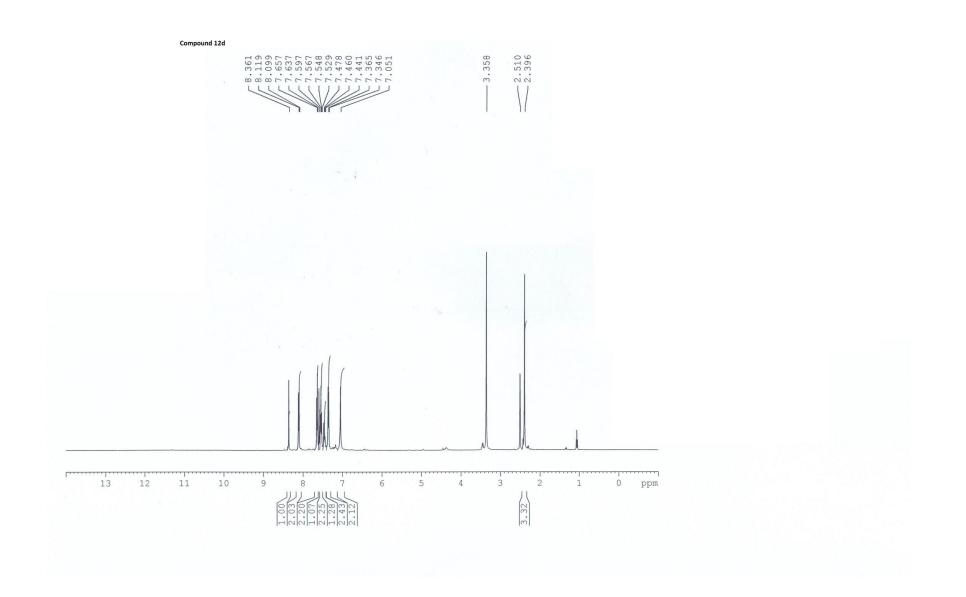


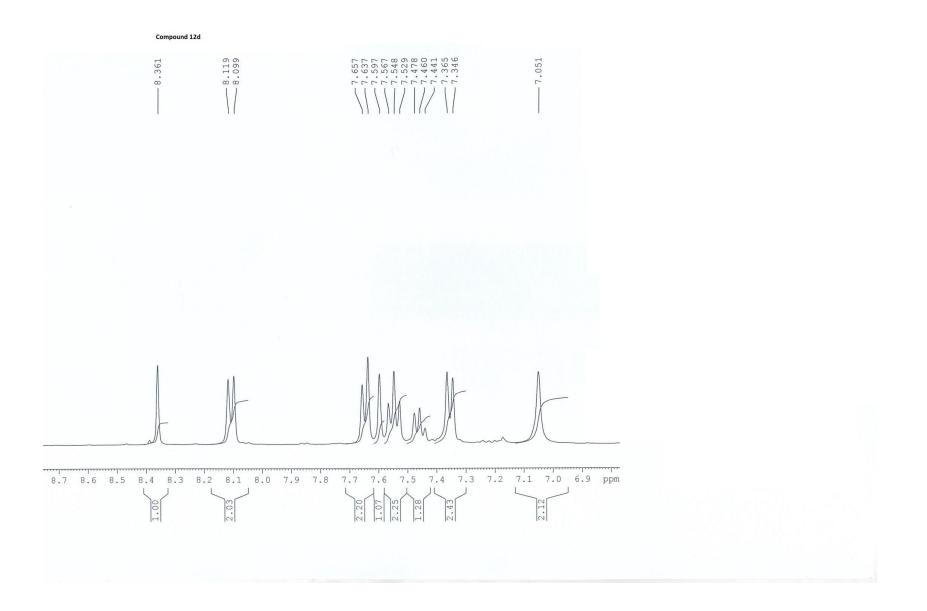


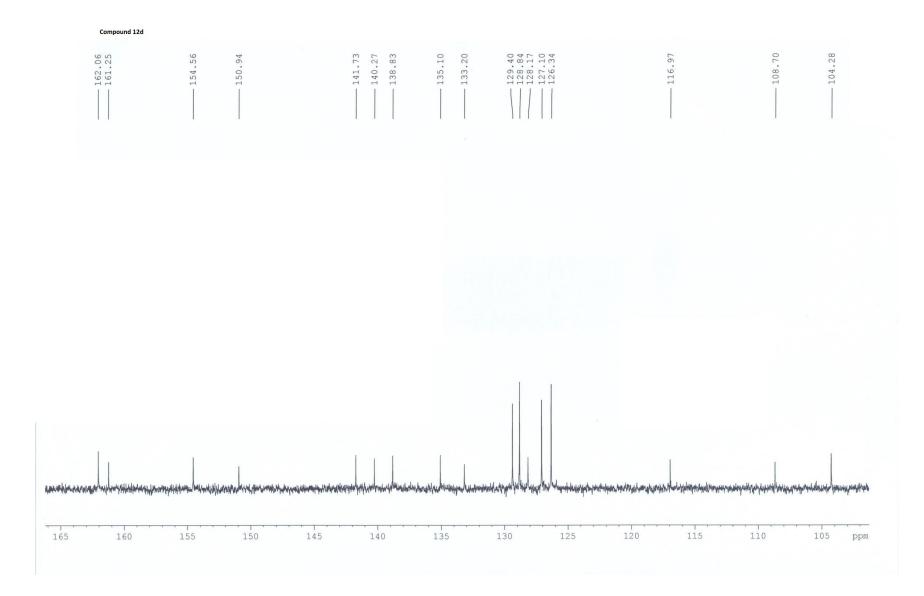


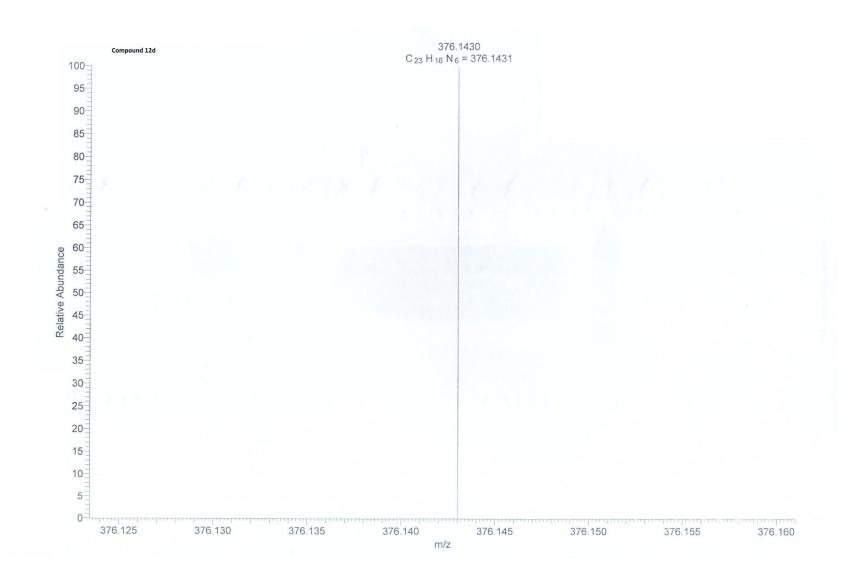




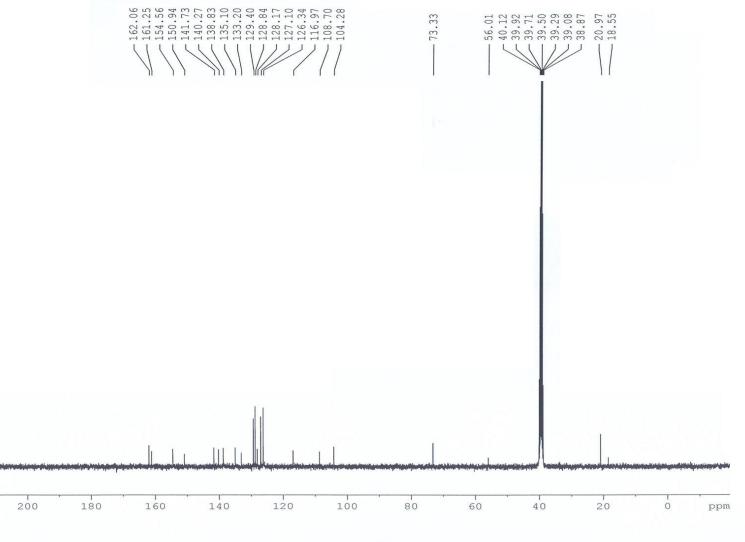


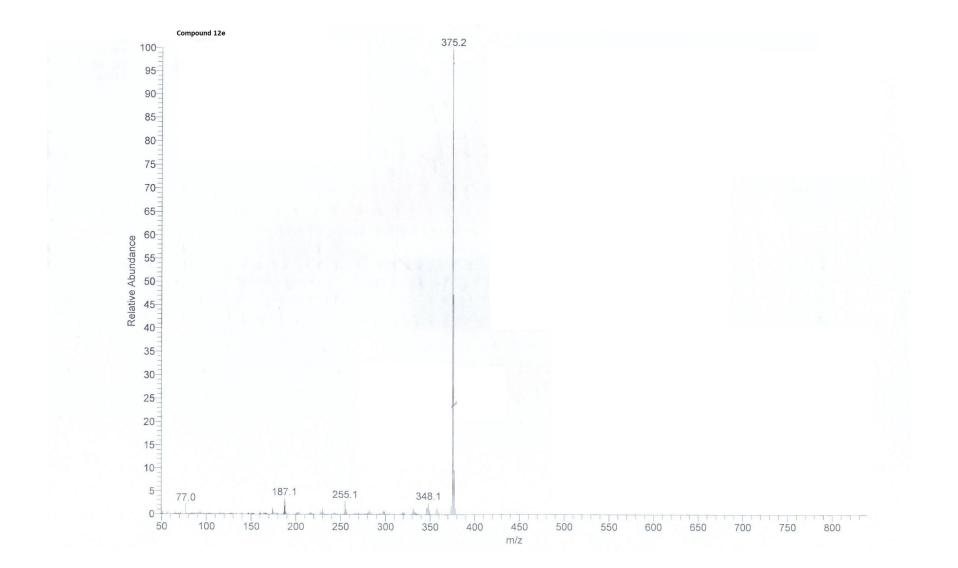


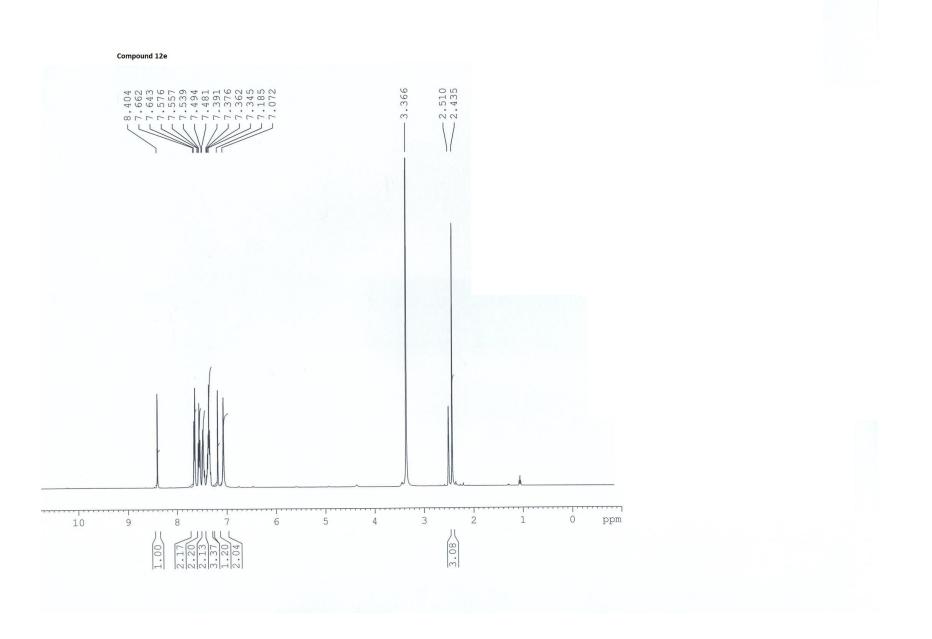






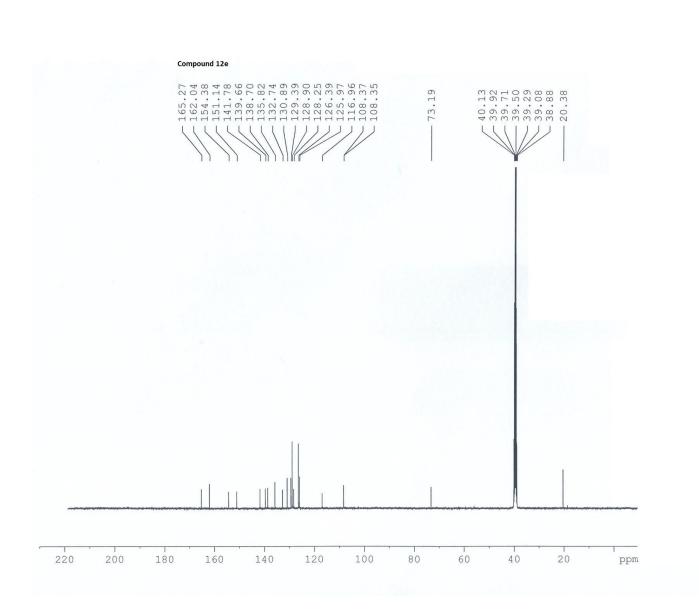


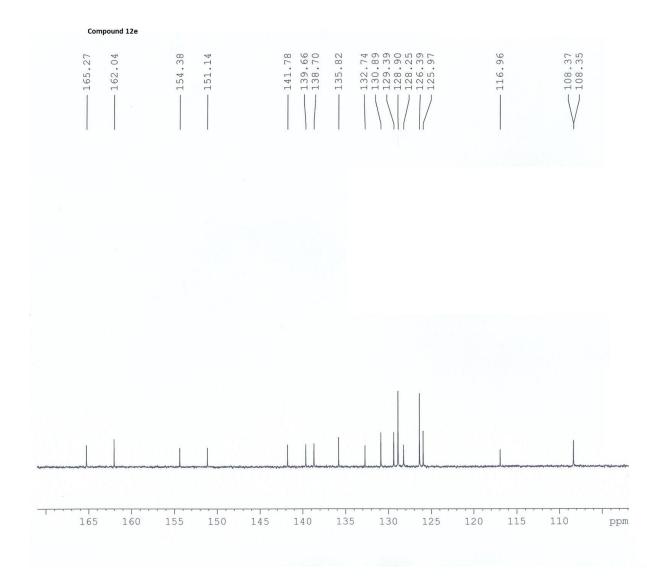




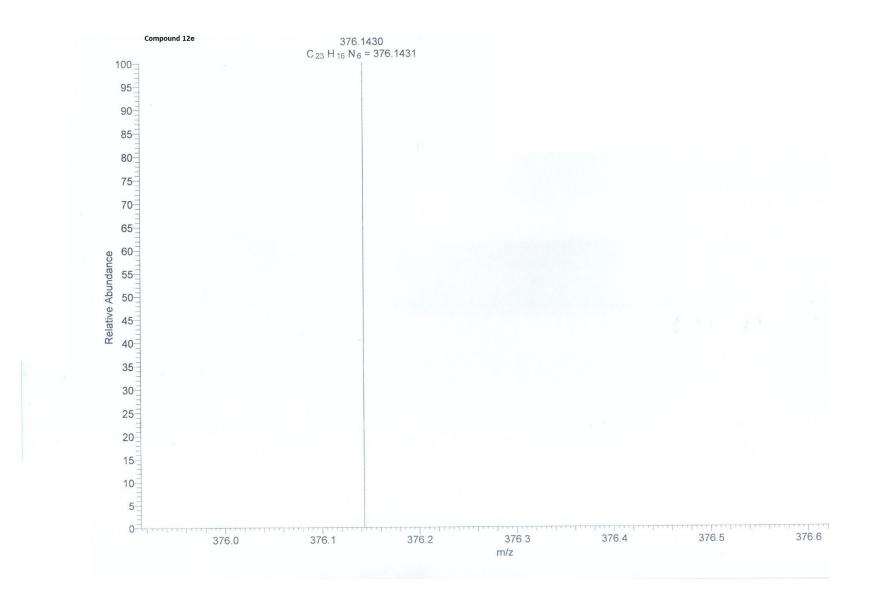
14 1 1 1 1 1 1 1 1

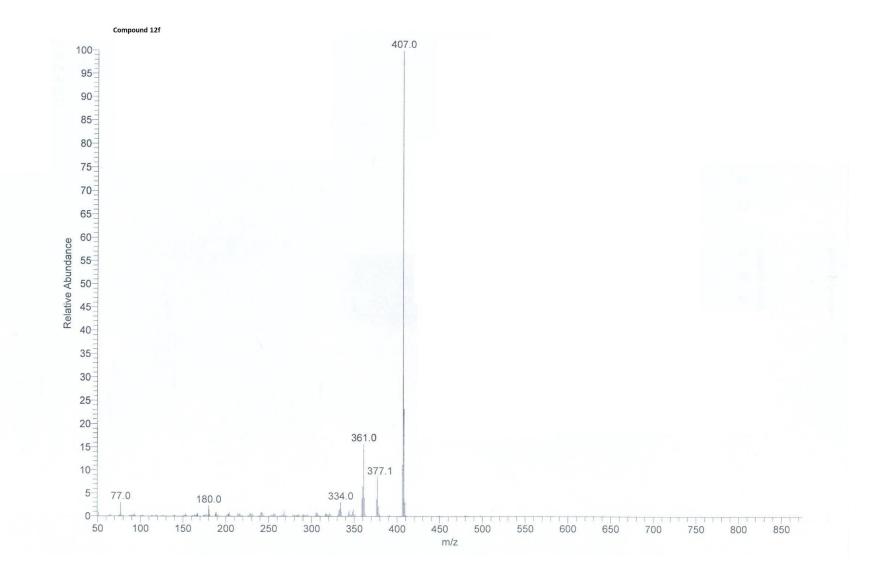


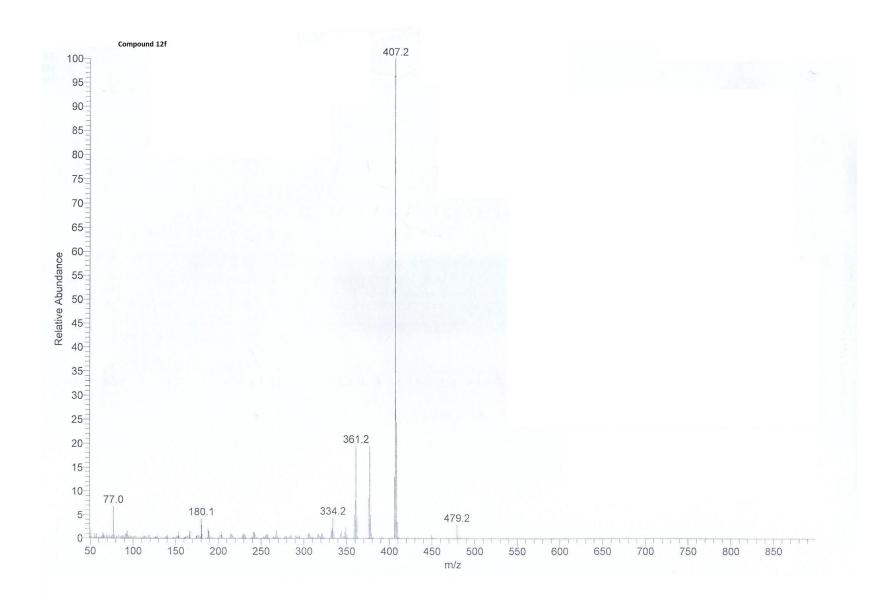




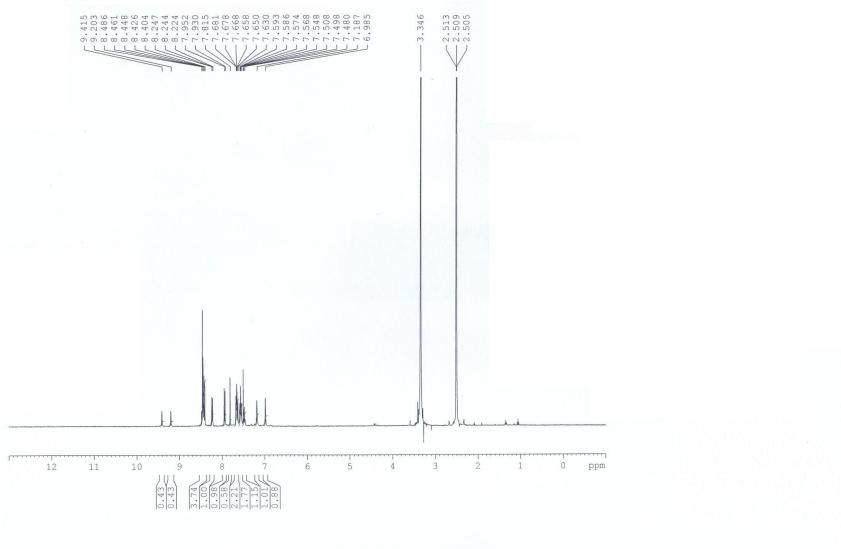


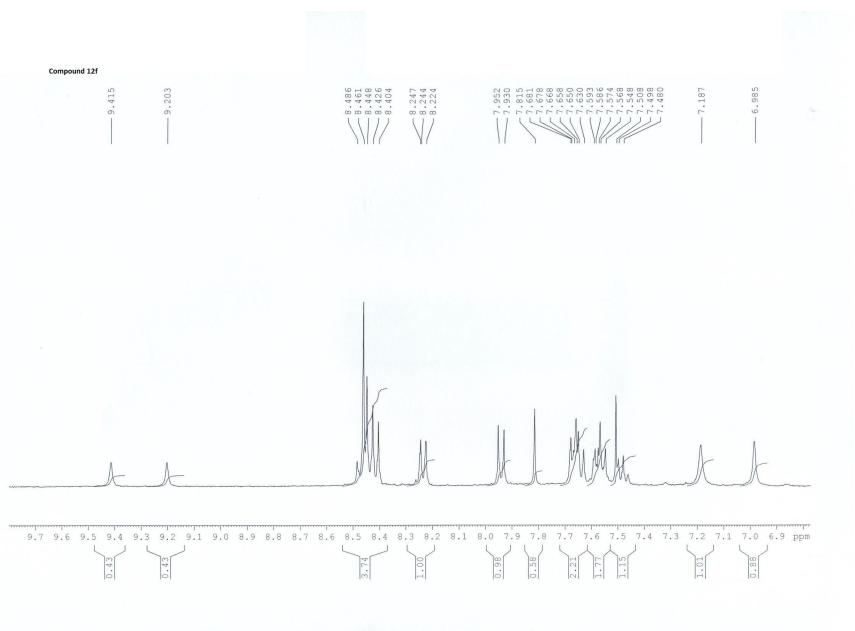


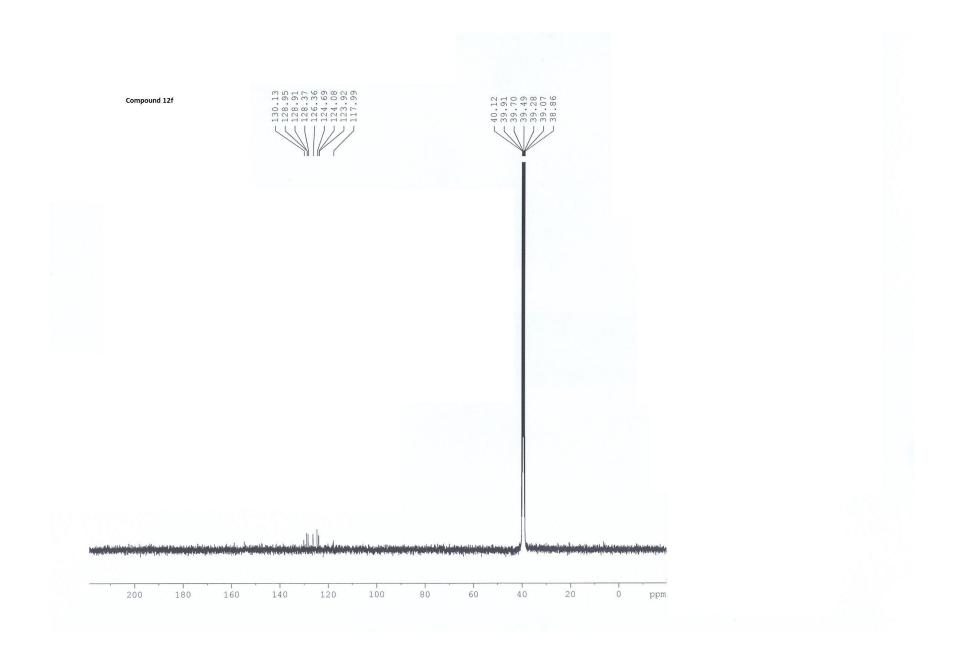




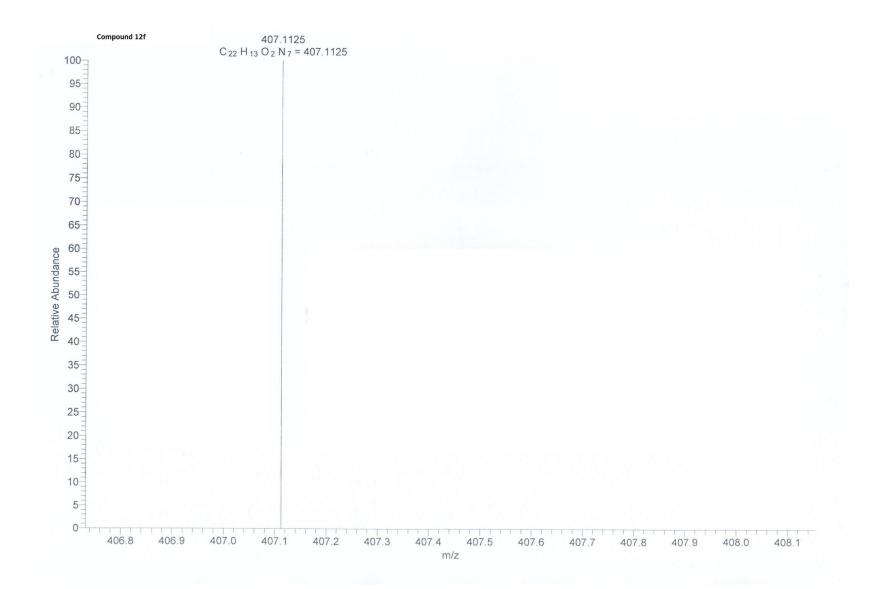


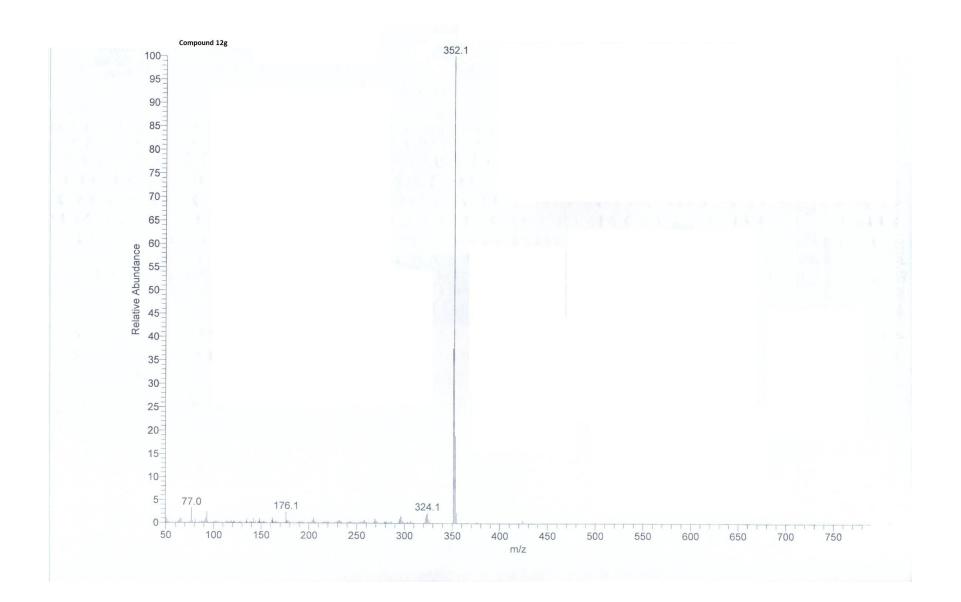


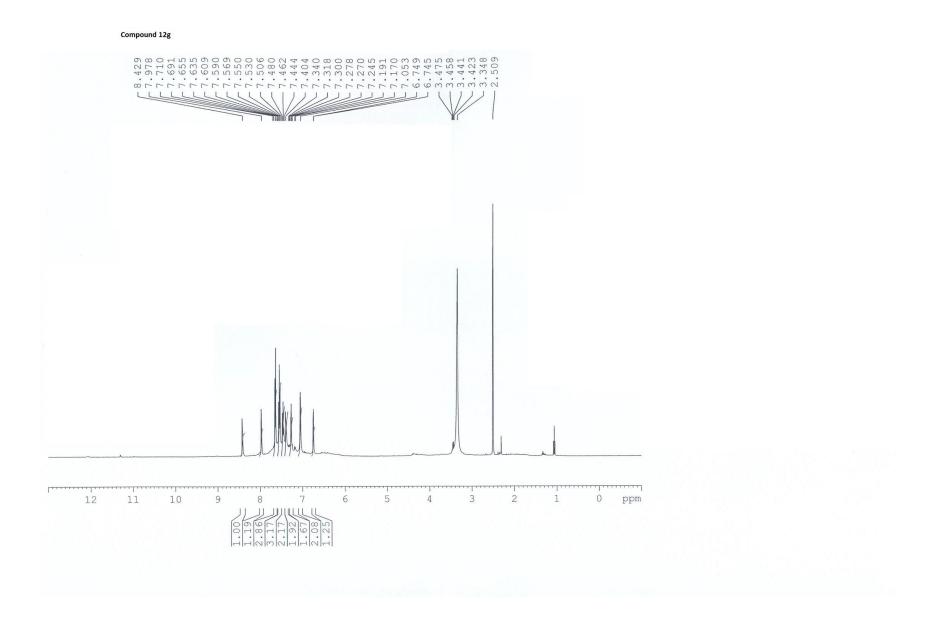




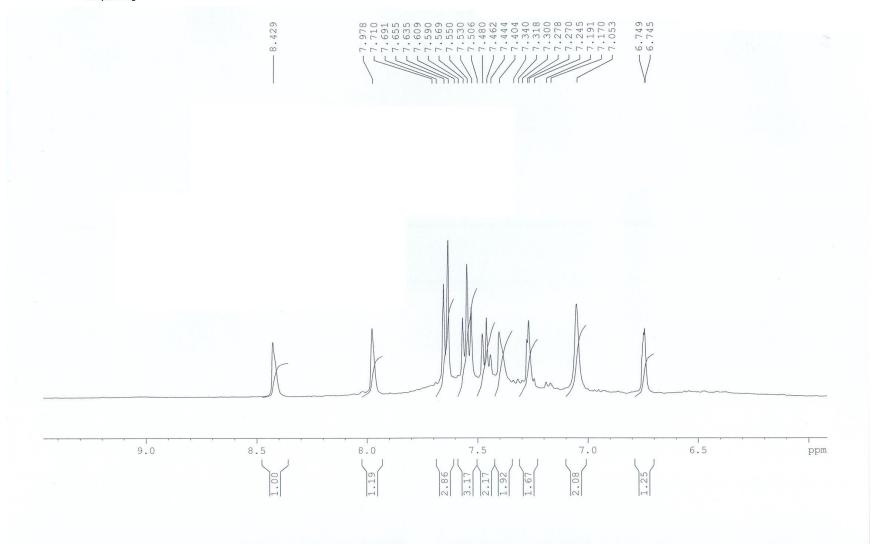
Compound 12f	130.13	128.95 128.91 128.37	126.36	124.69 124.08 123.92			117.99	
		1.1	1	1 u				
Humpdonpetrontragenerations and the particulation of the second states and the second states and the second states and	when which have	Norse Mary Mary Mary Mary Mary Mary Mary Mary	www.www.	www.Harrow.Weiner.	ymallional reparation	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	white manufactures and the second sec	

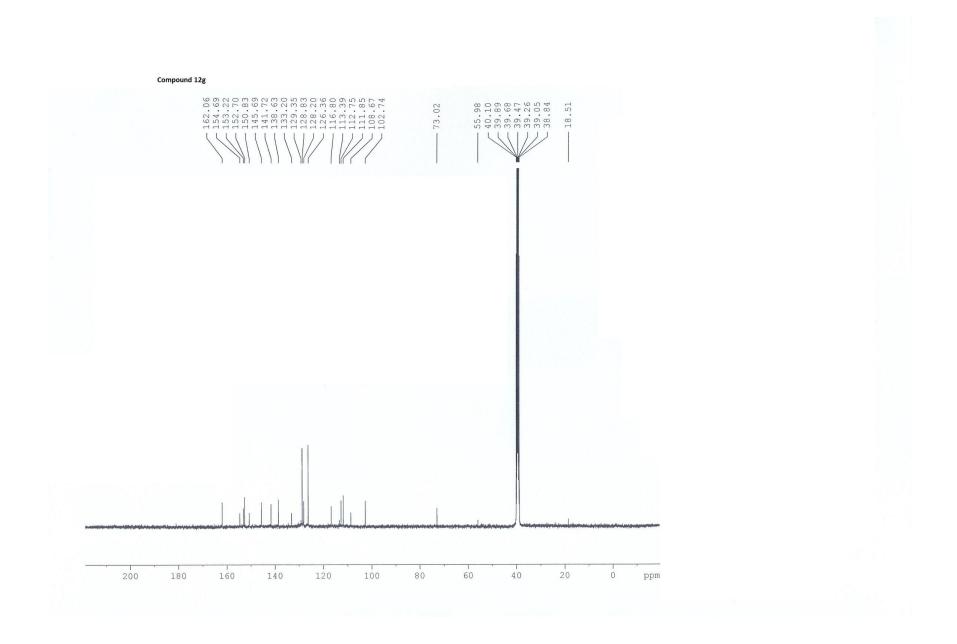


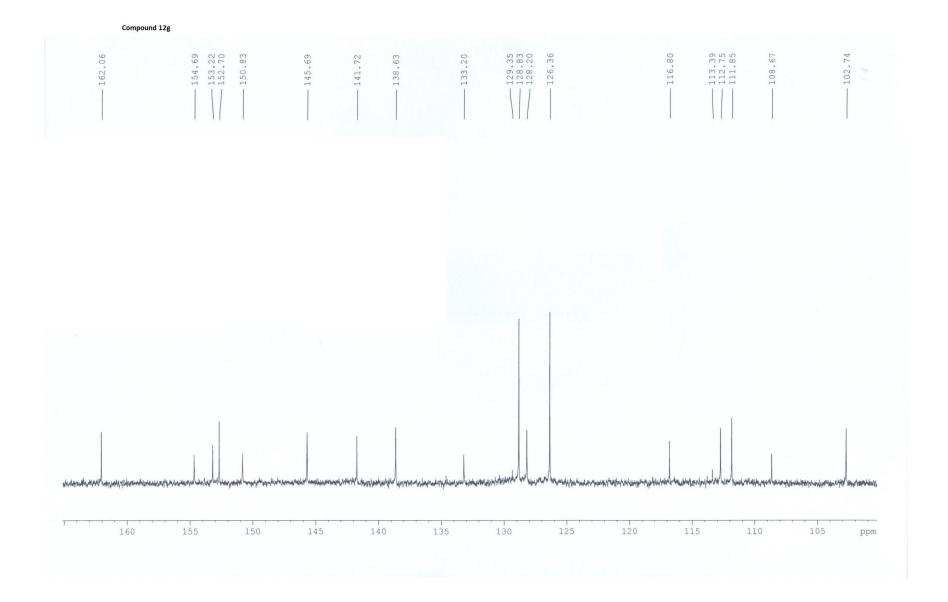


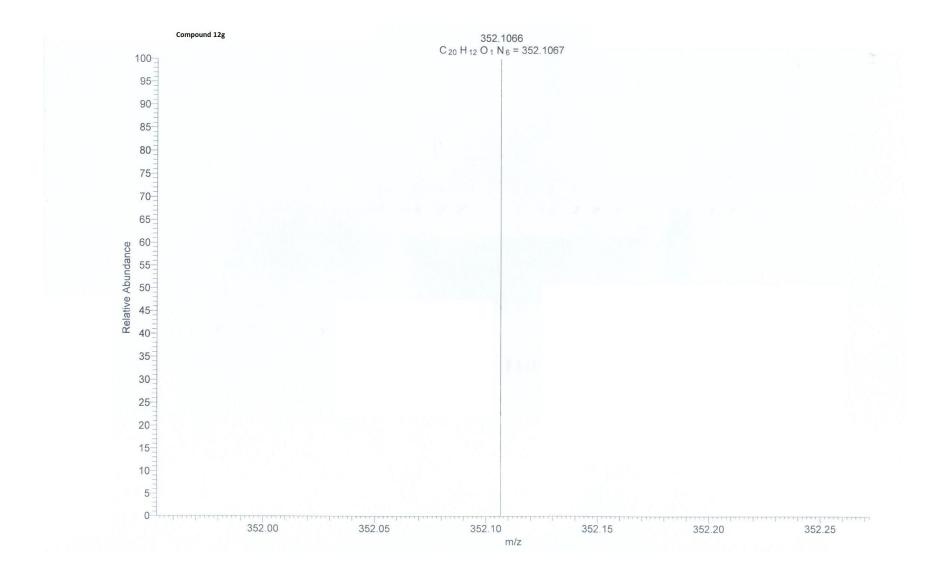


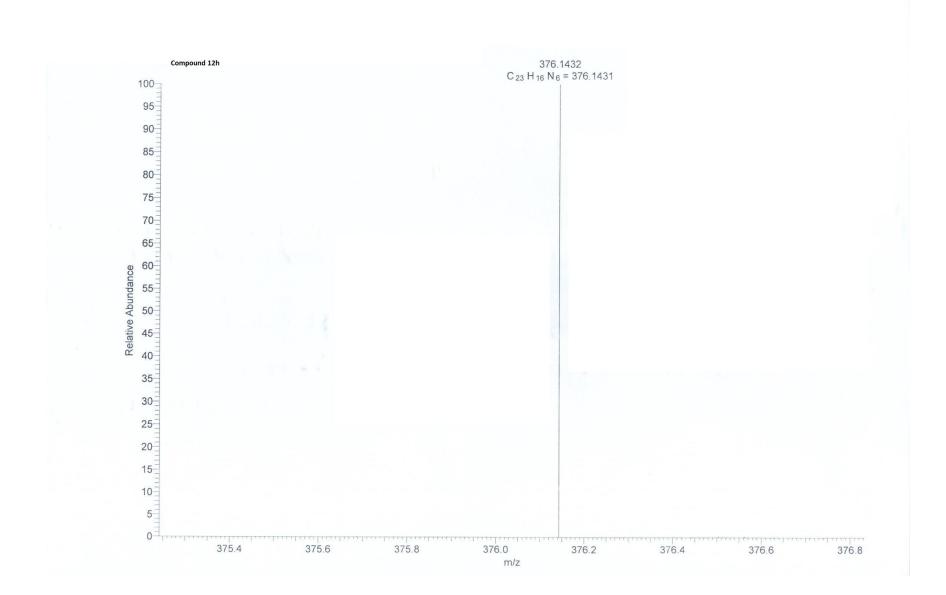
Compound 12g

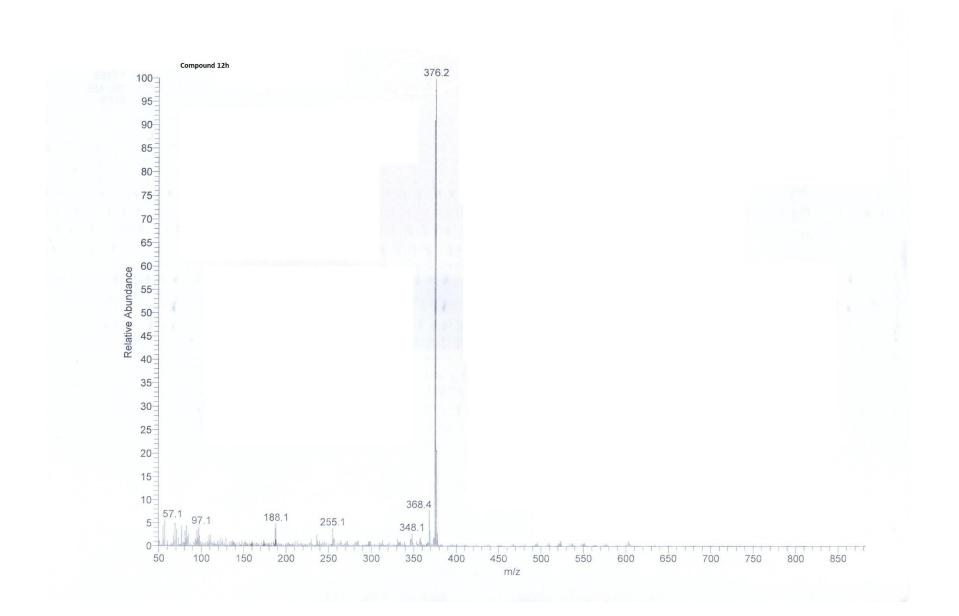


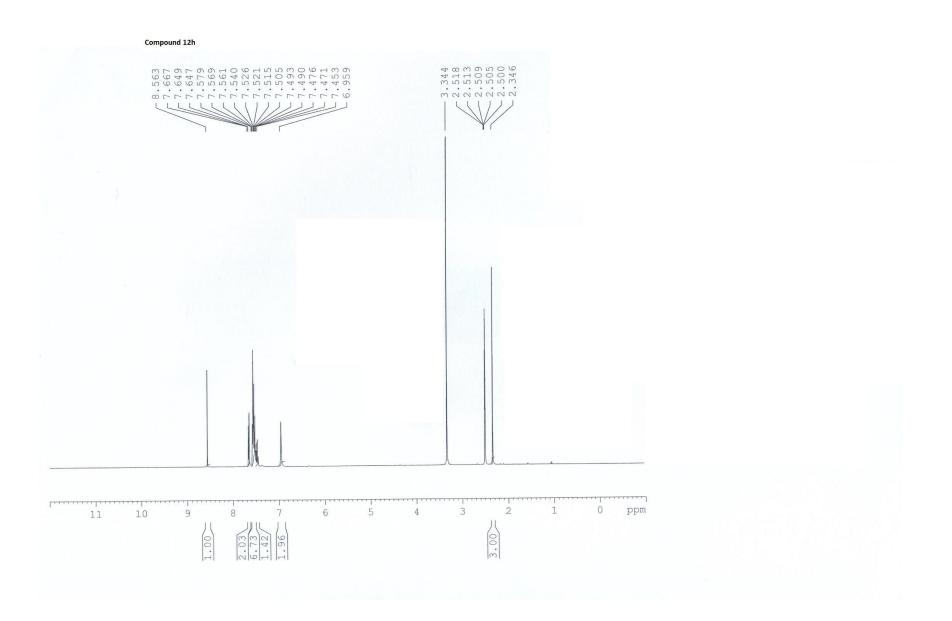


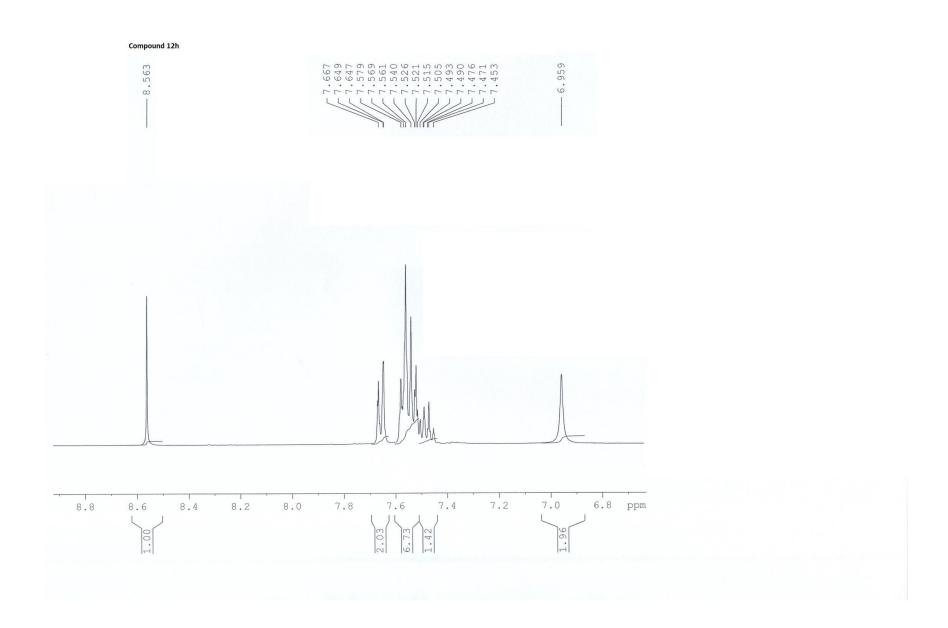




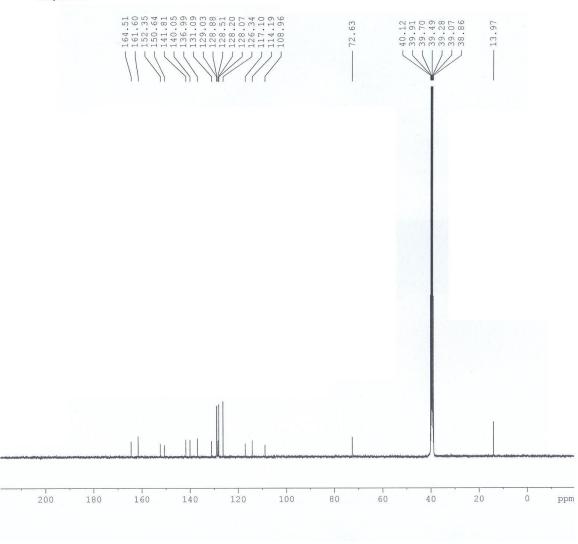






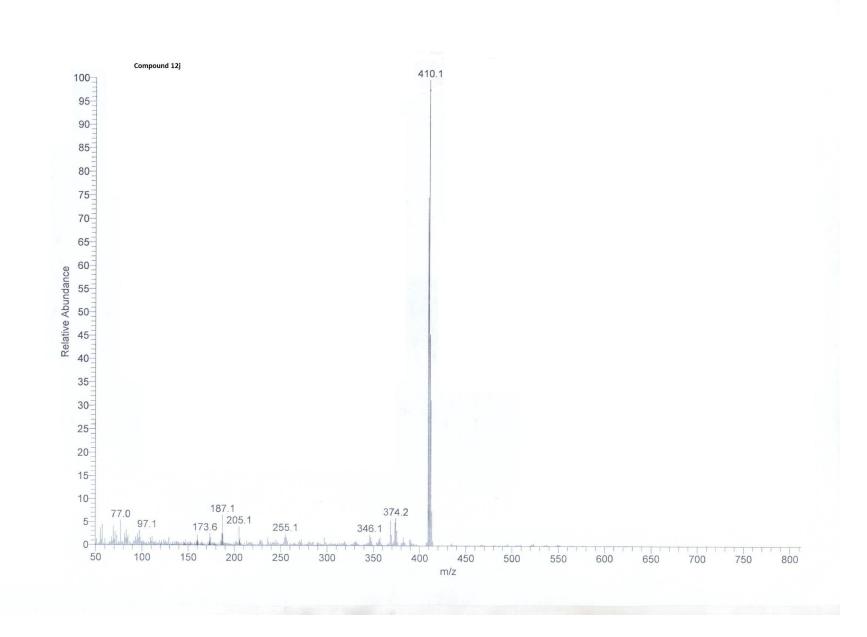


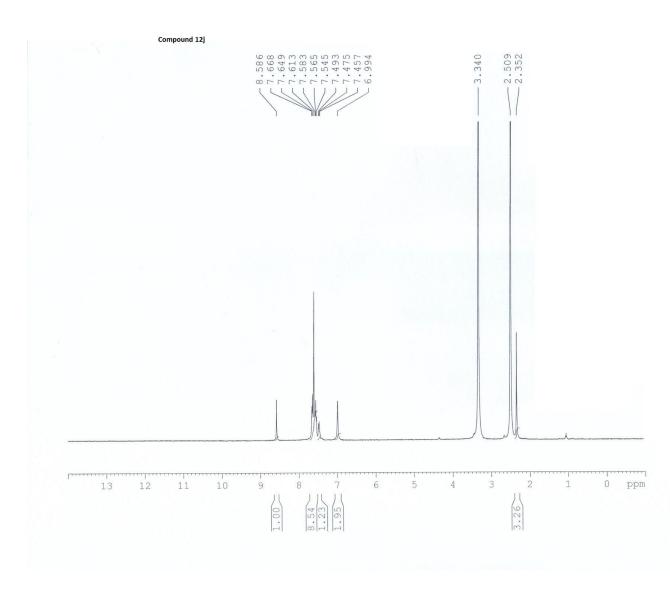
Compound 12h

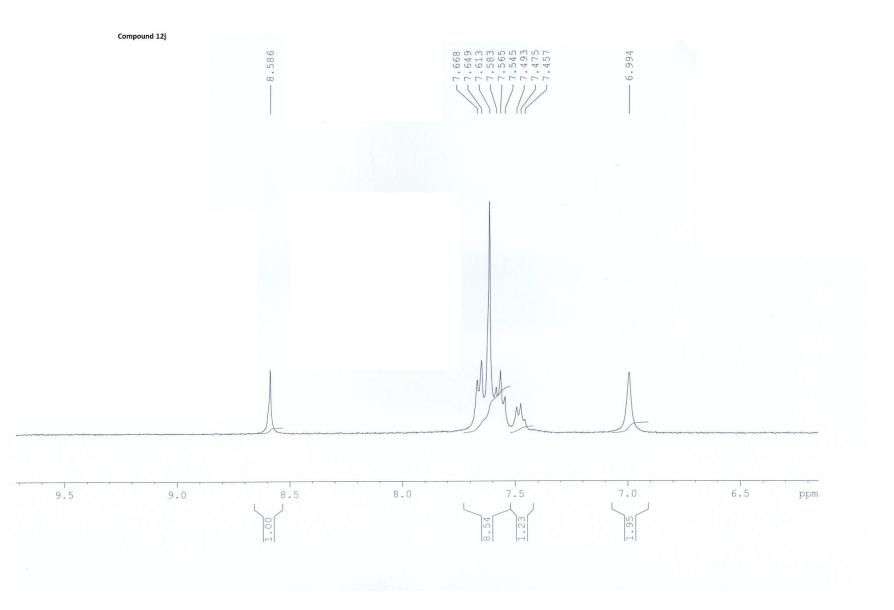


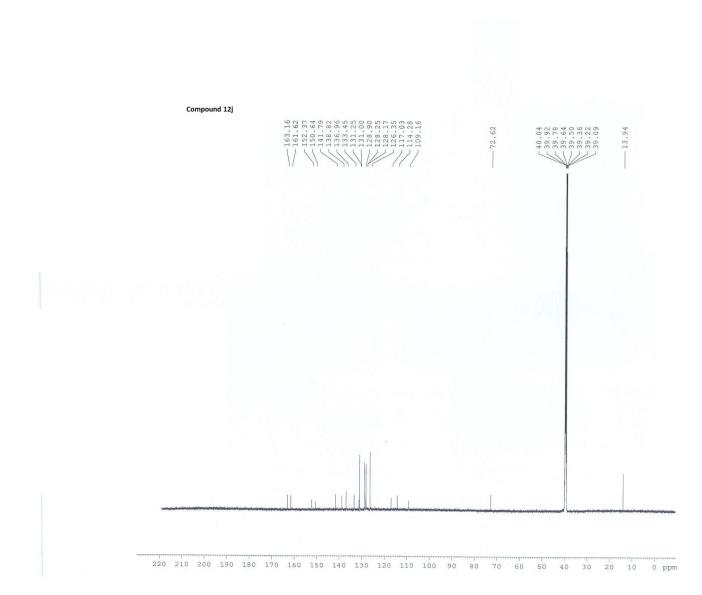
Compound 12h

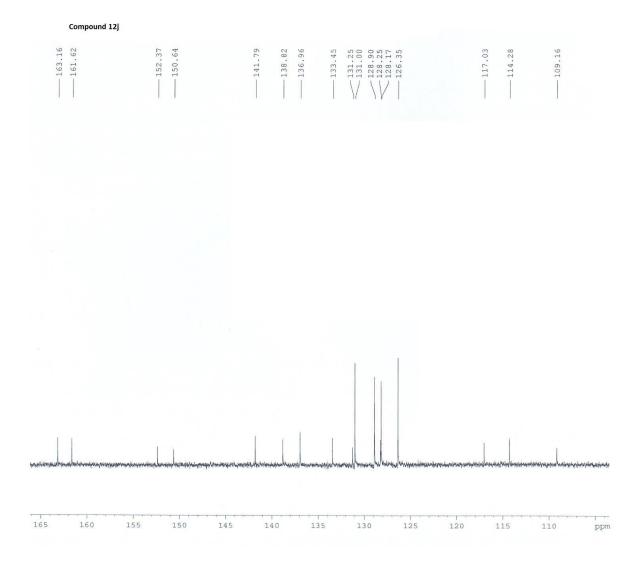
164.51 161.60	152.35	141.81 140.05 136.99	131.09 129.03 128.88 128.88 128.51 128.20 128.20 126.34	117.10 114.19
fortuneter and a start of the s	hag mad for a large of produces of the land and a grad harm for the registration of the second	wyshopenessiji bay je na formalje poslavlje poslavlje poslavlje te skove poslavlje te skove i poslavlje te skov	range agriculture and the formation of t	nahatipeetinasinasinasinasinasinasinasinasinasinas

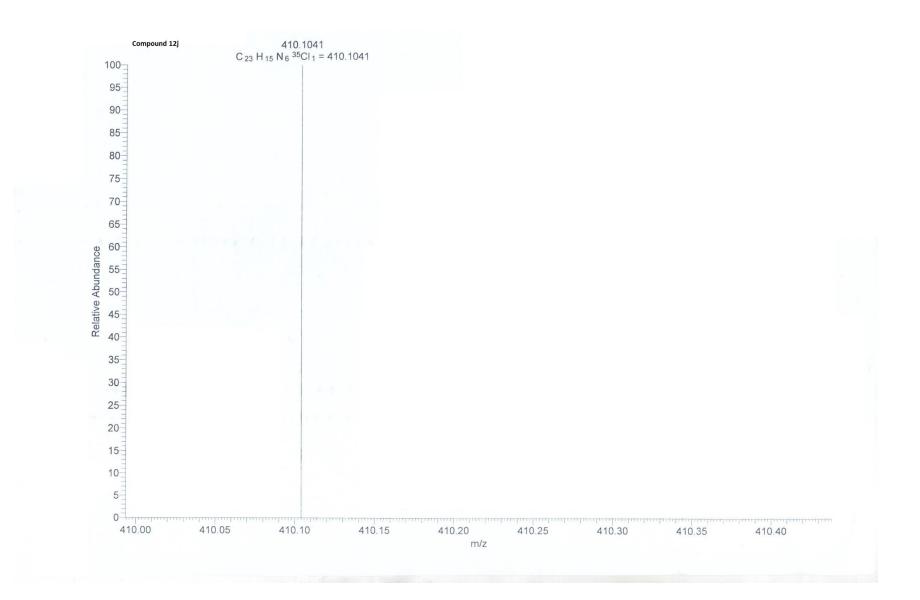


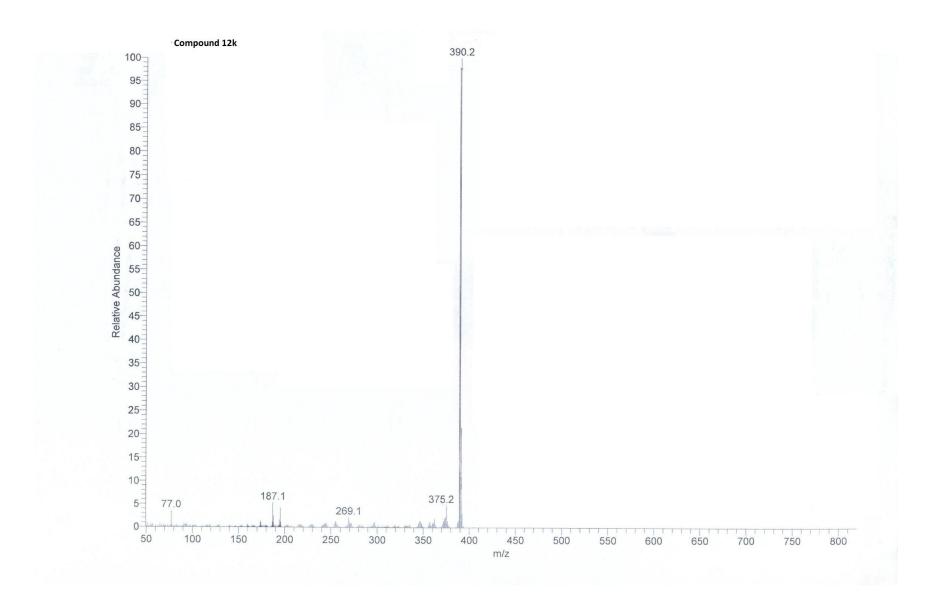


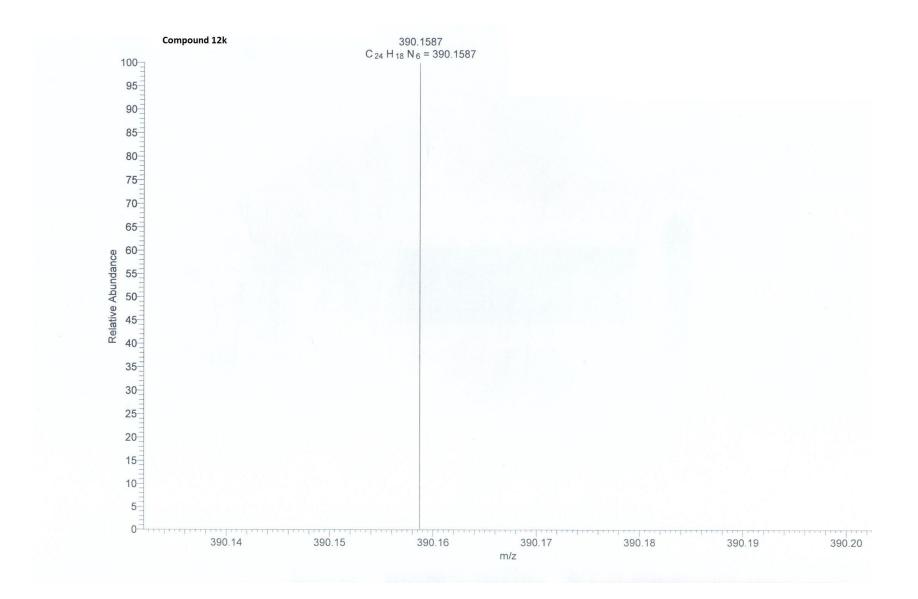


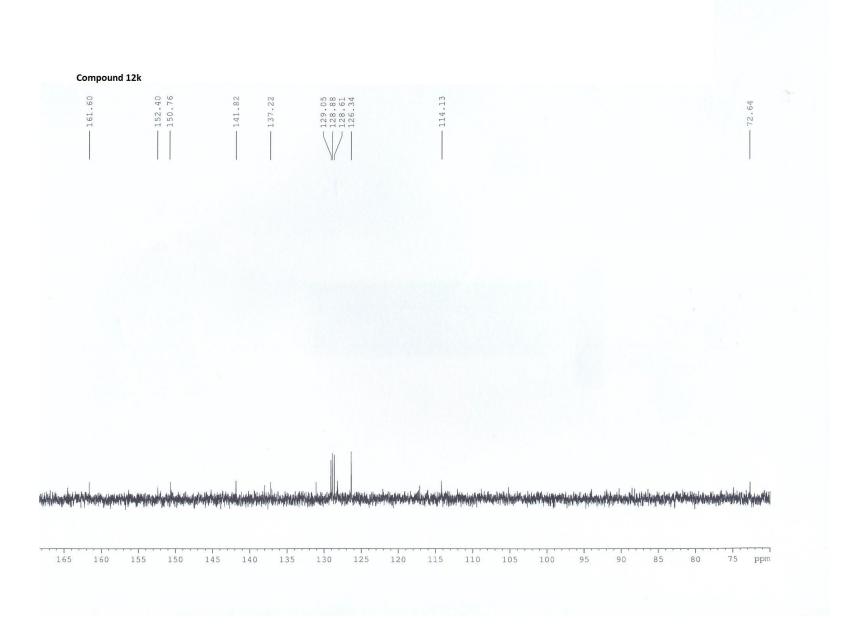




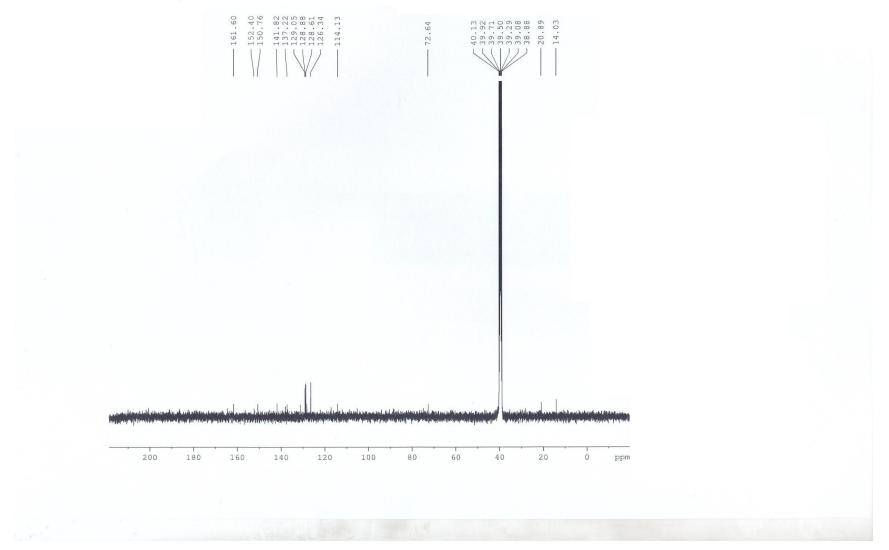


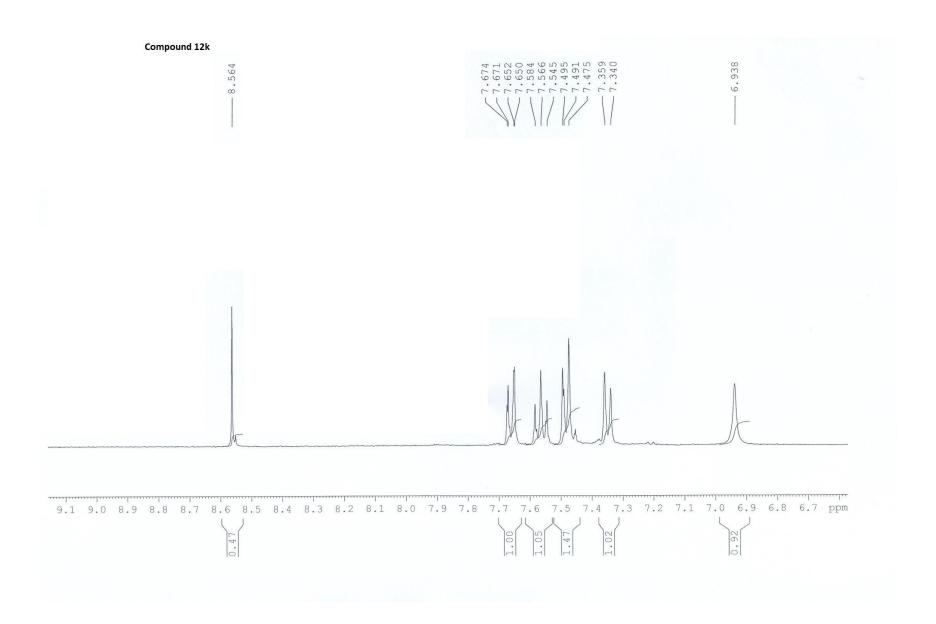


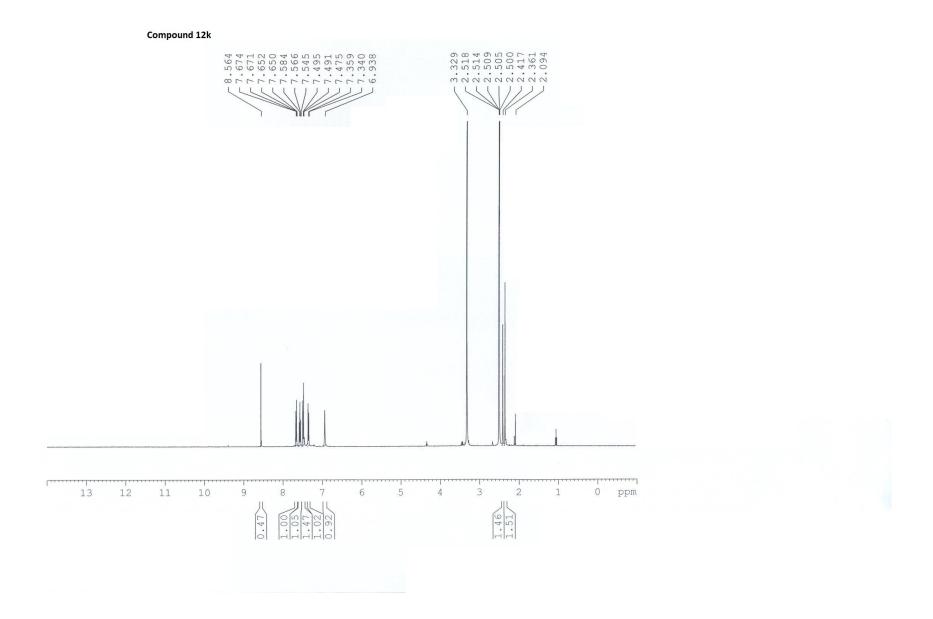


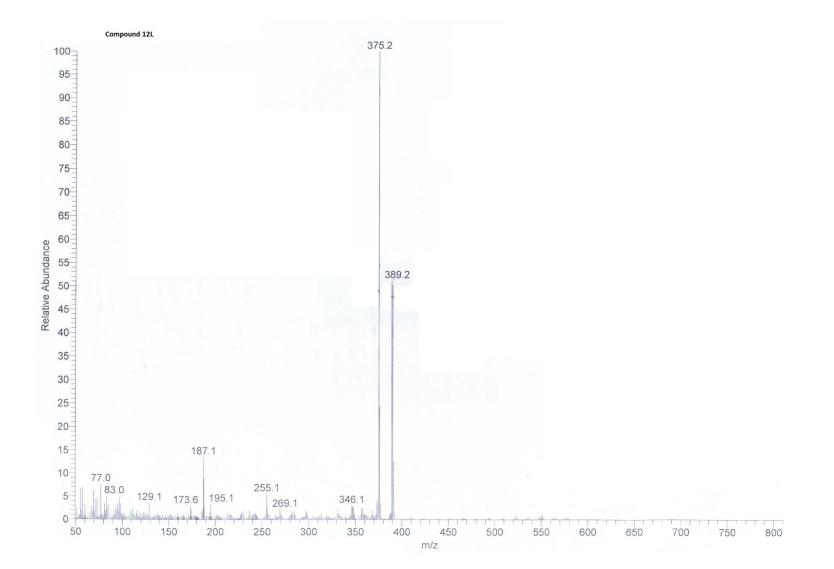




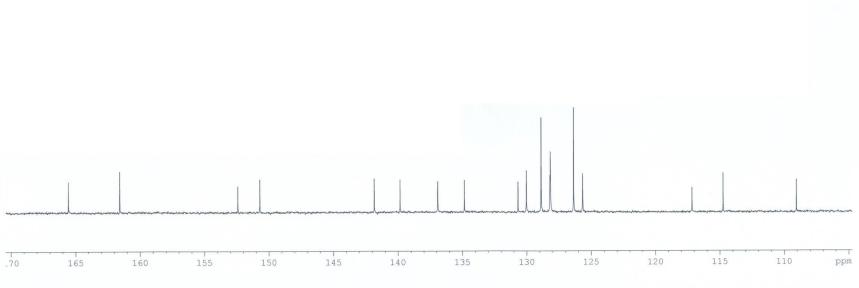


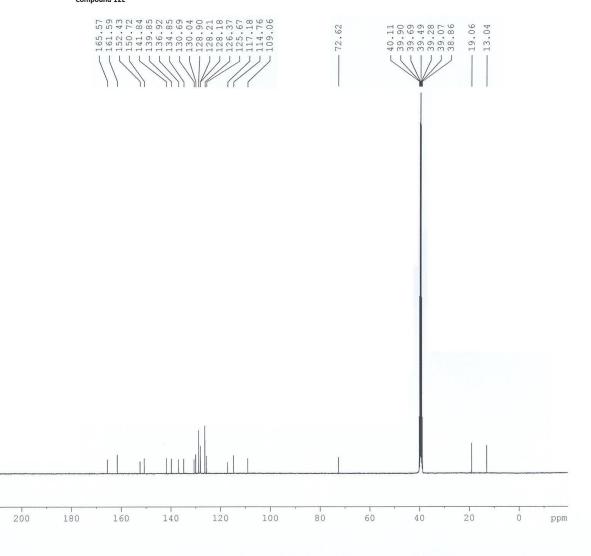




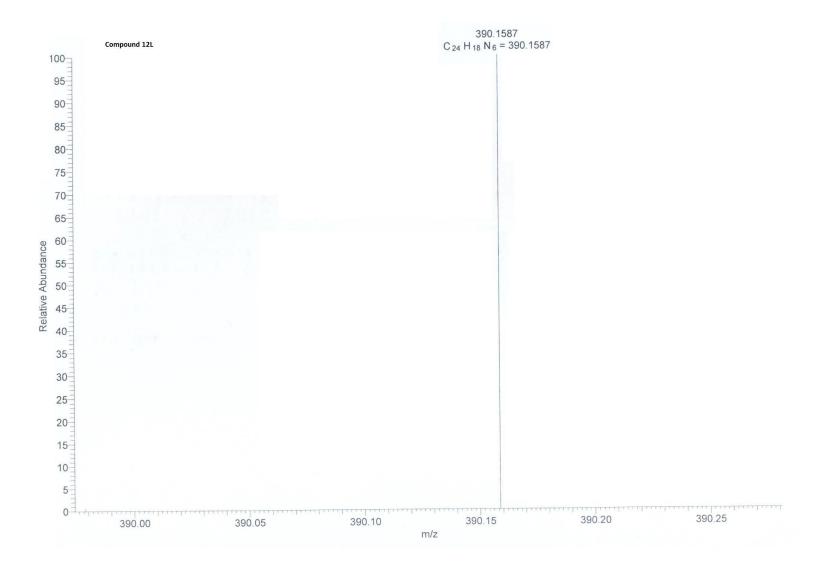


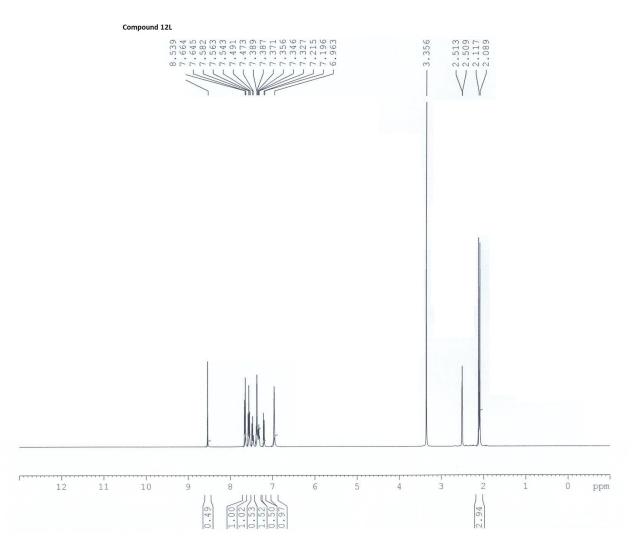
Compound 12L										
165.57 161.59	152.43	150.72	141.84	139.85	136.92	134.85	130.69 130.04 128.90 128.21 128.18 126.37	117.18	114.76	109.06

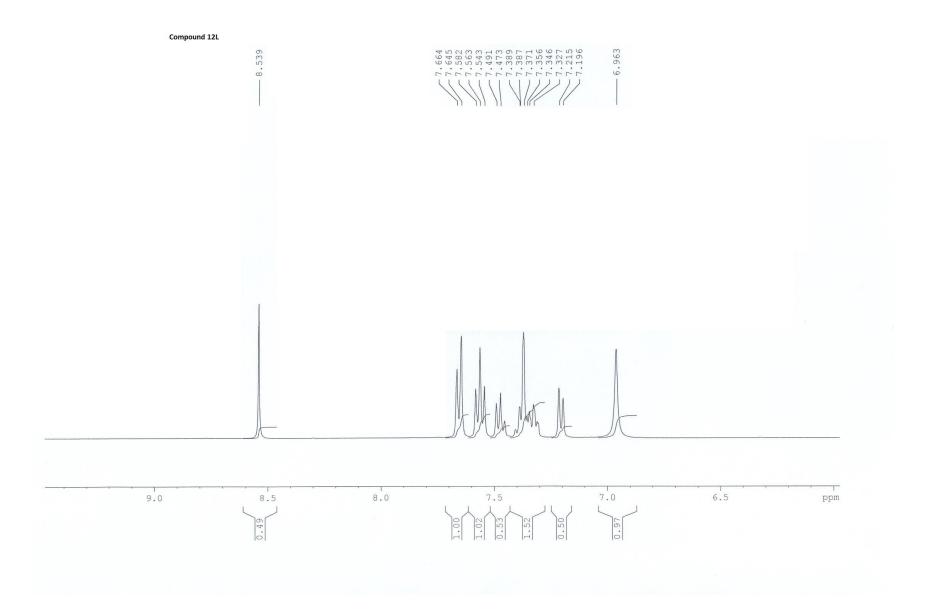


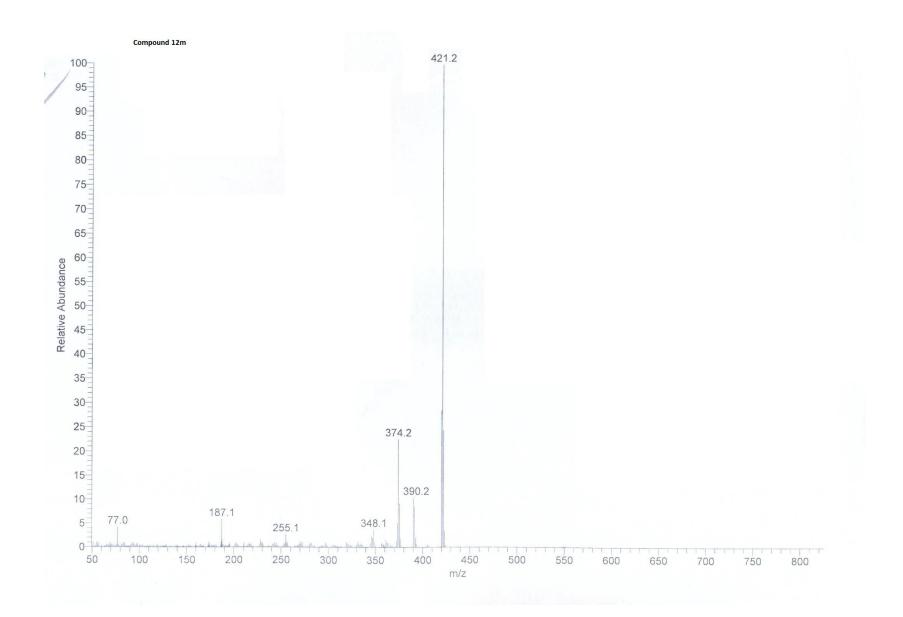


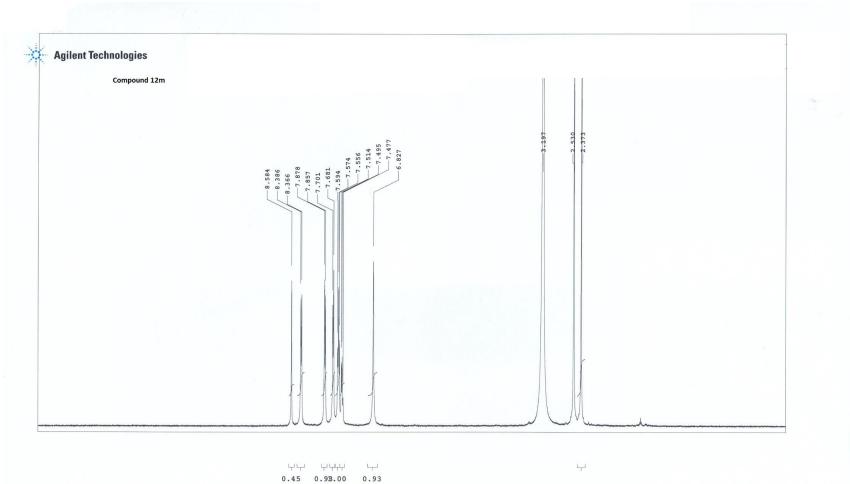
Compound 12L





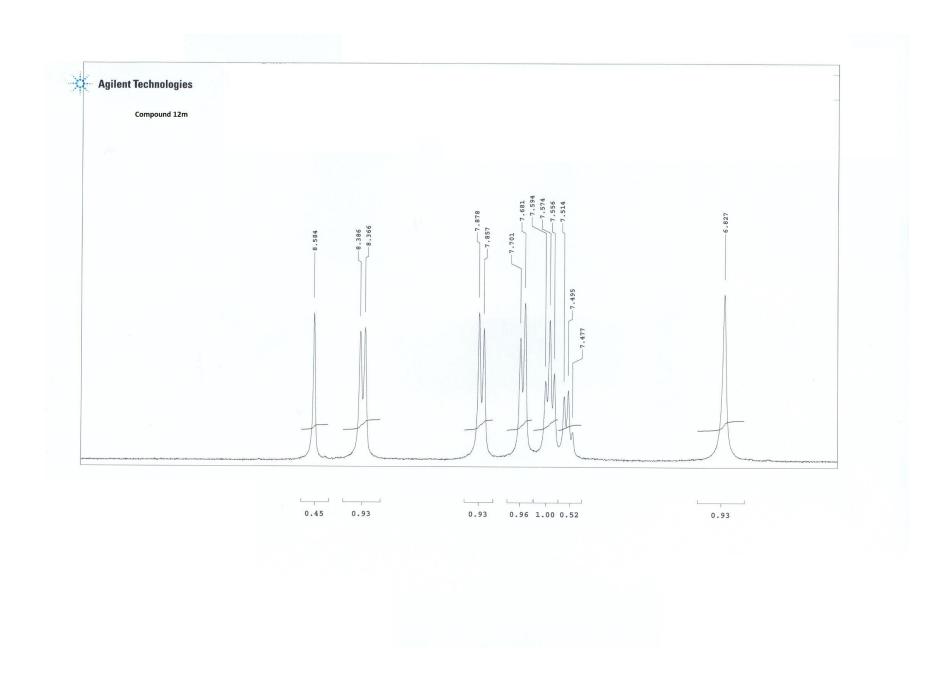


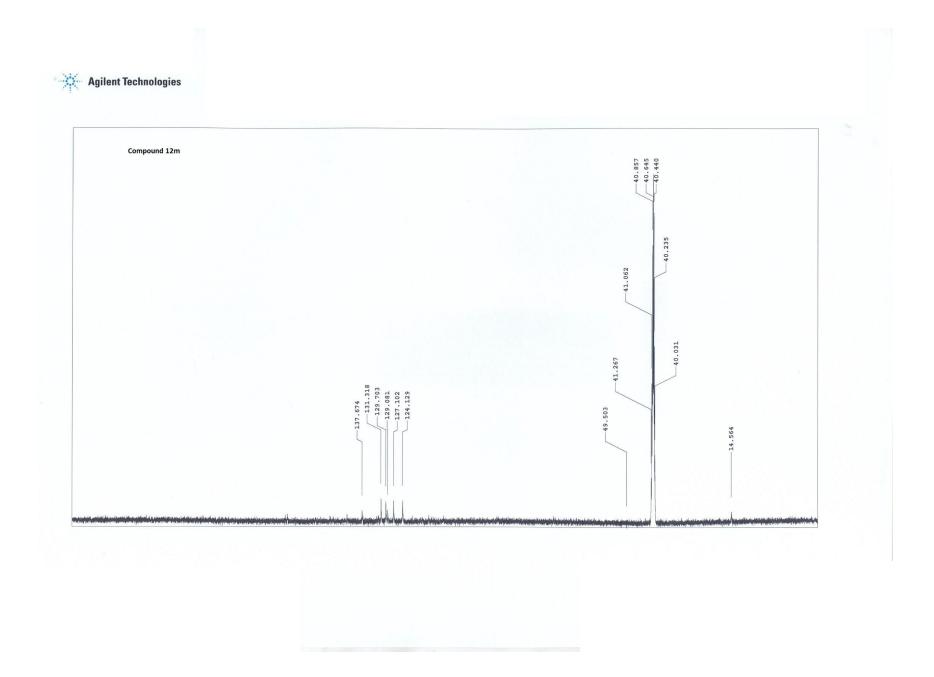




.45 0.9B.00 0. 0.93 0.9652

1.47





Compound 12m				
			E	,
	-163.254 -162.564	142.694 — 137.674 5.618	-131.318 	
		142.6 137. 135.618		105.086

