

Supporting information

**1,5-benzodiazepine derivatives as potential antimicrobial
agents: Design, synthesis, biological evaluation, and
structure-activity relationships**

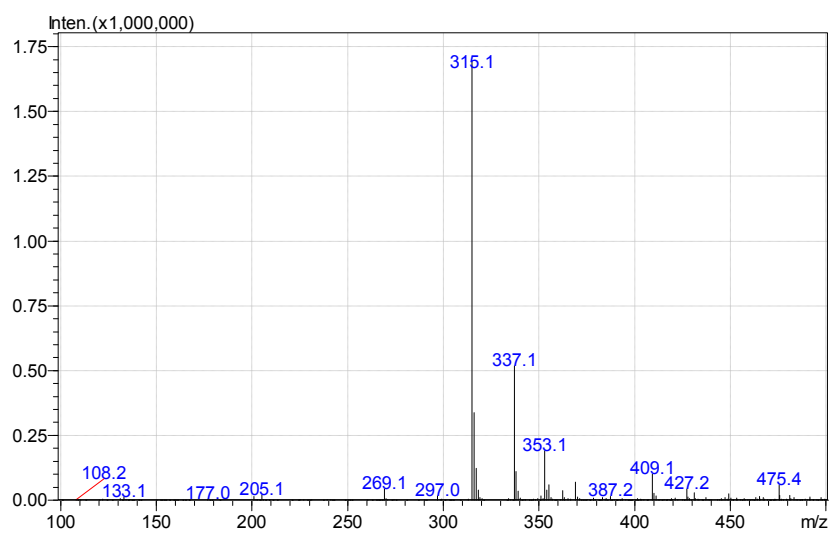
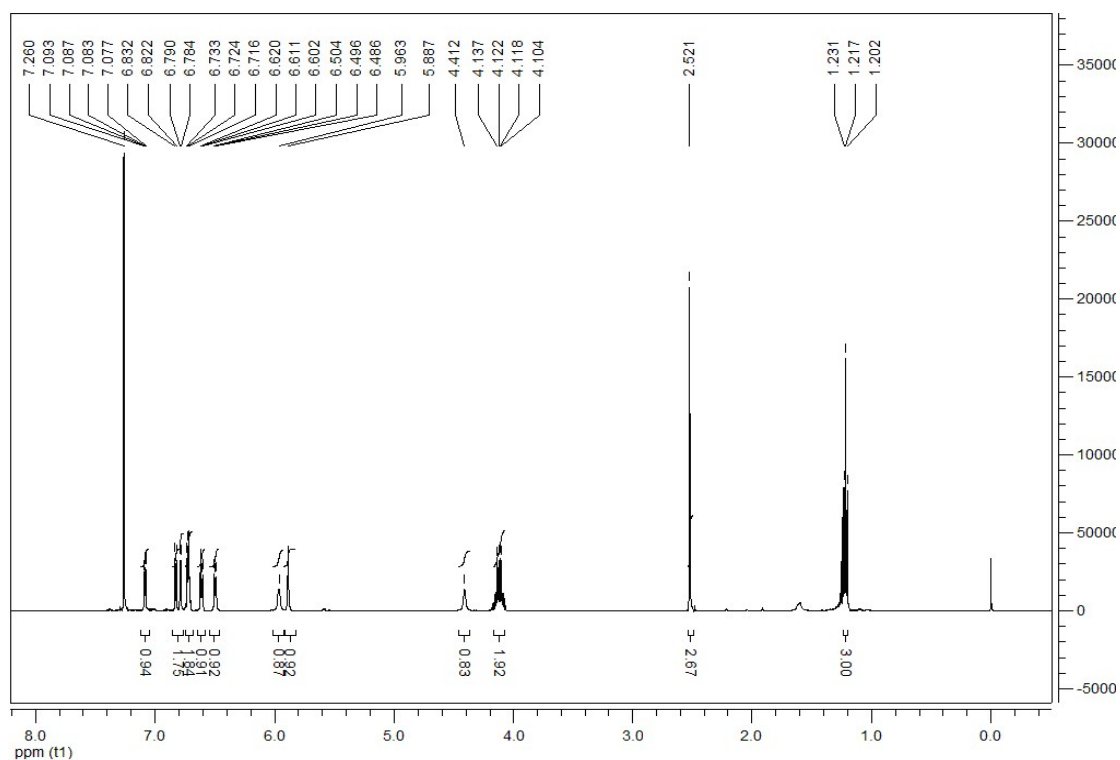
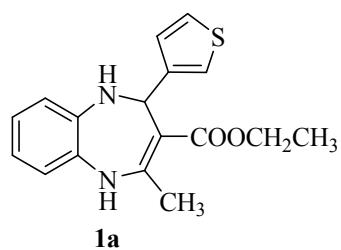
Lan-zhi Wang* Xiao-Qing Li Ying-shuang An

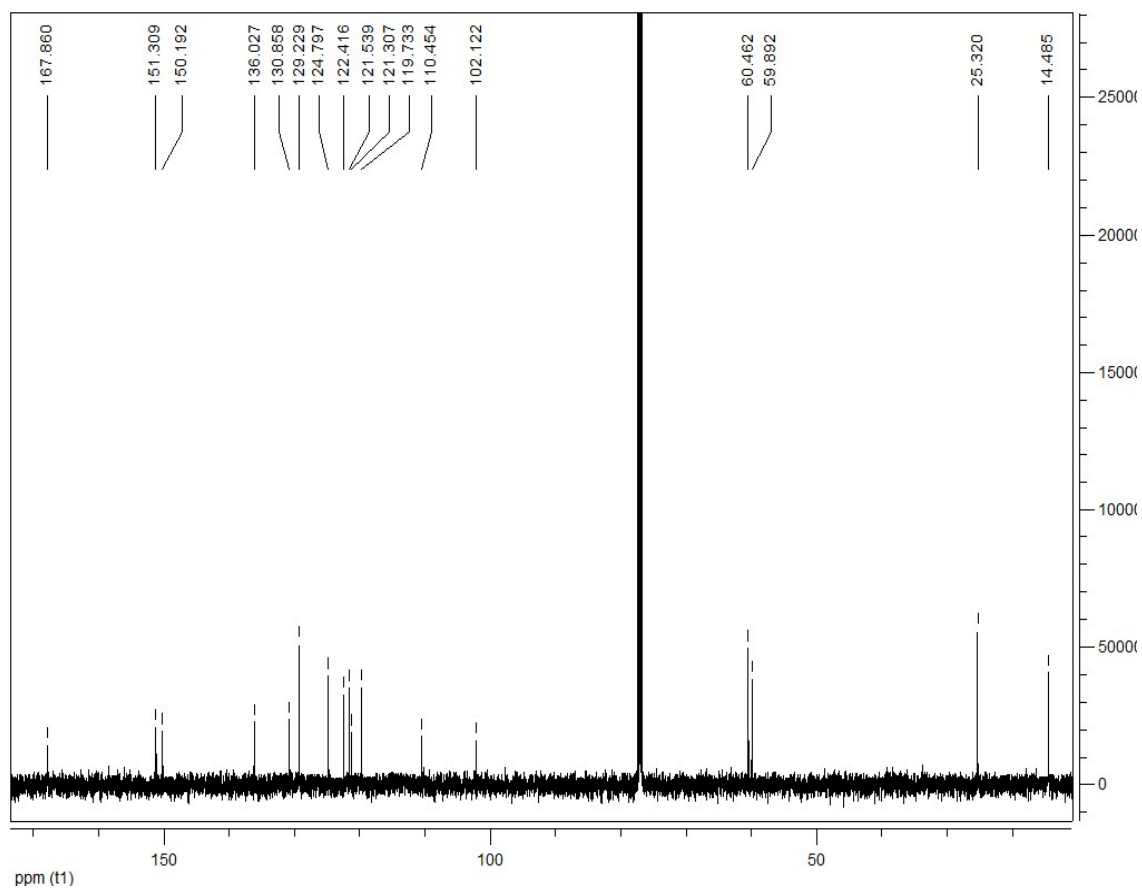
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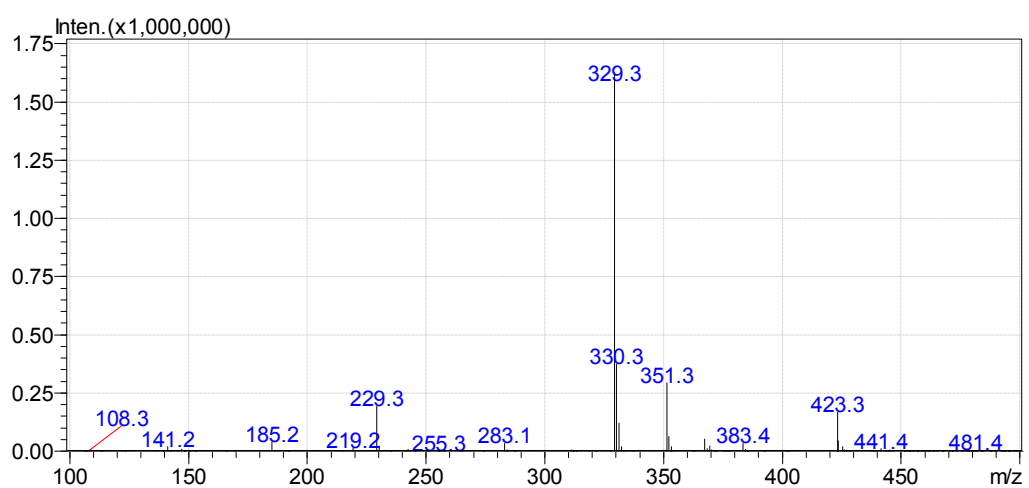
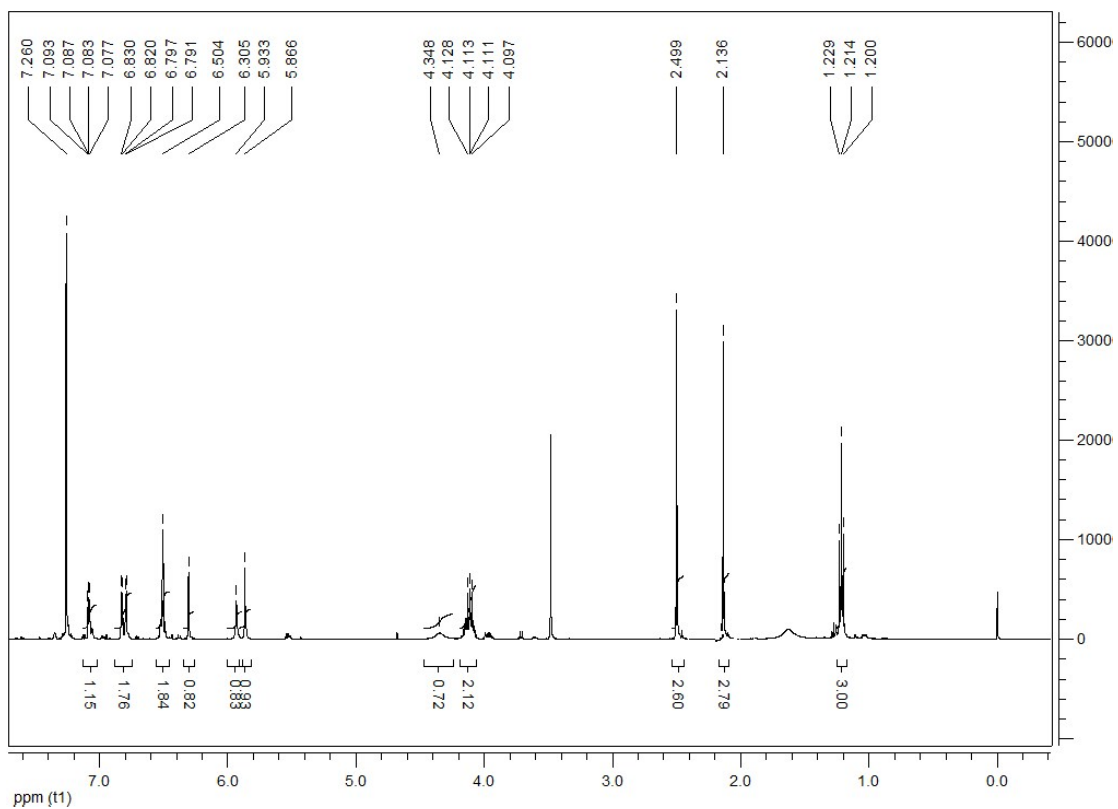
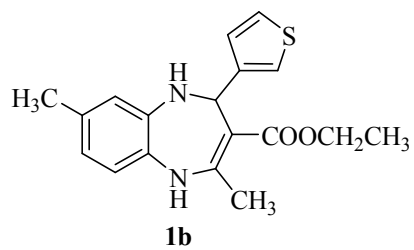
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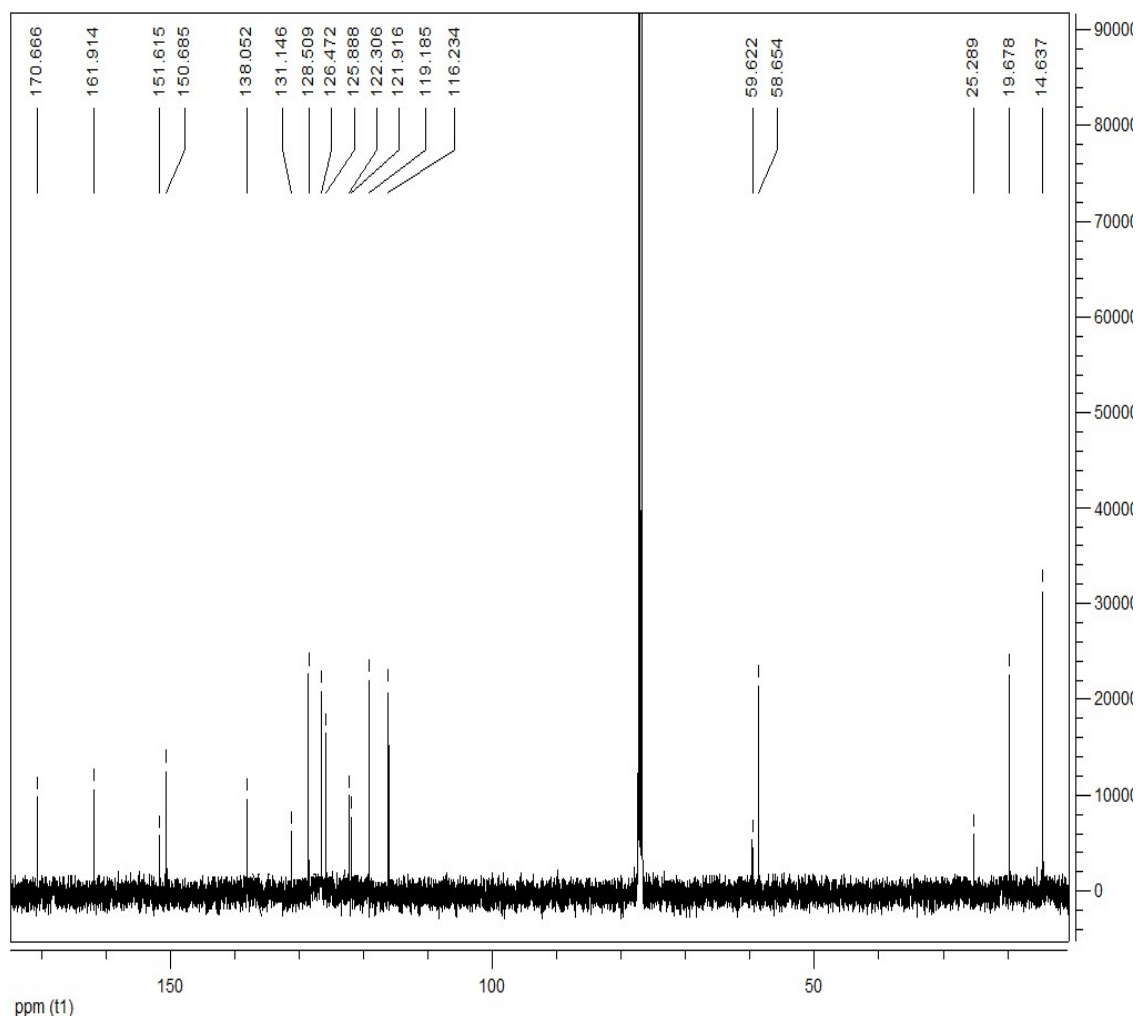
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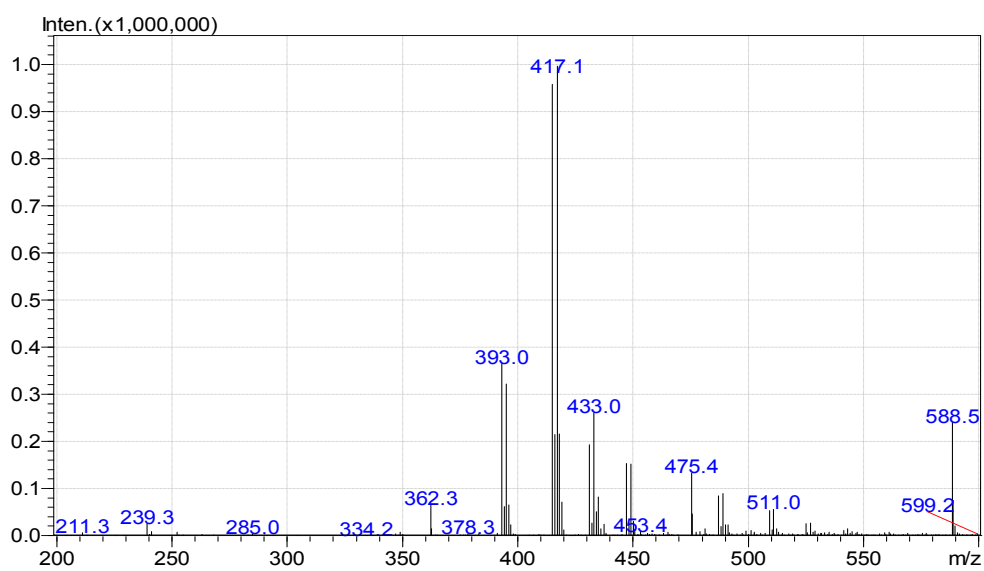
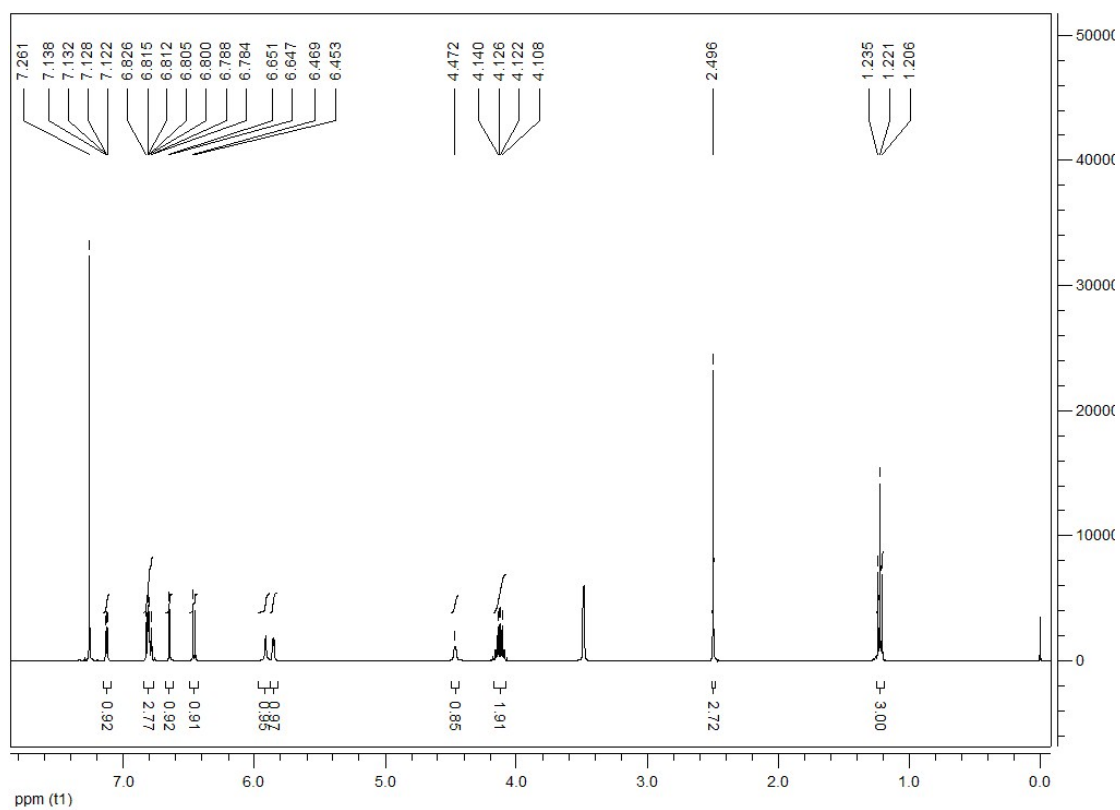
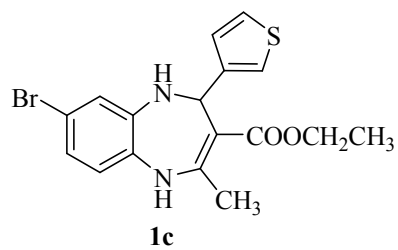
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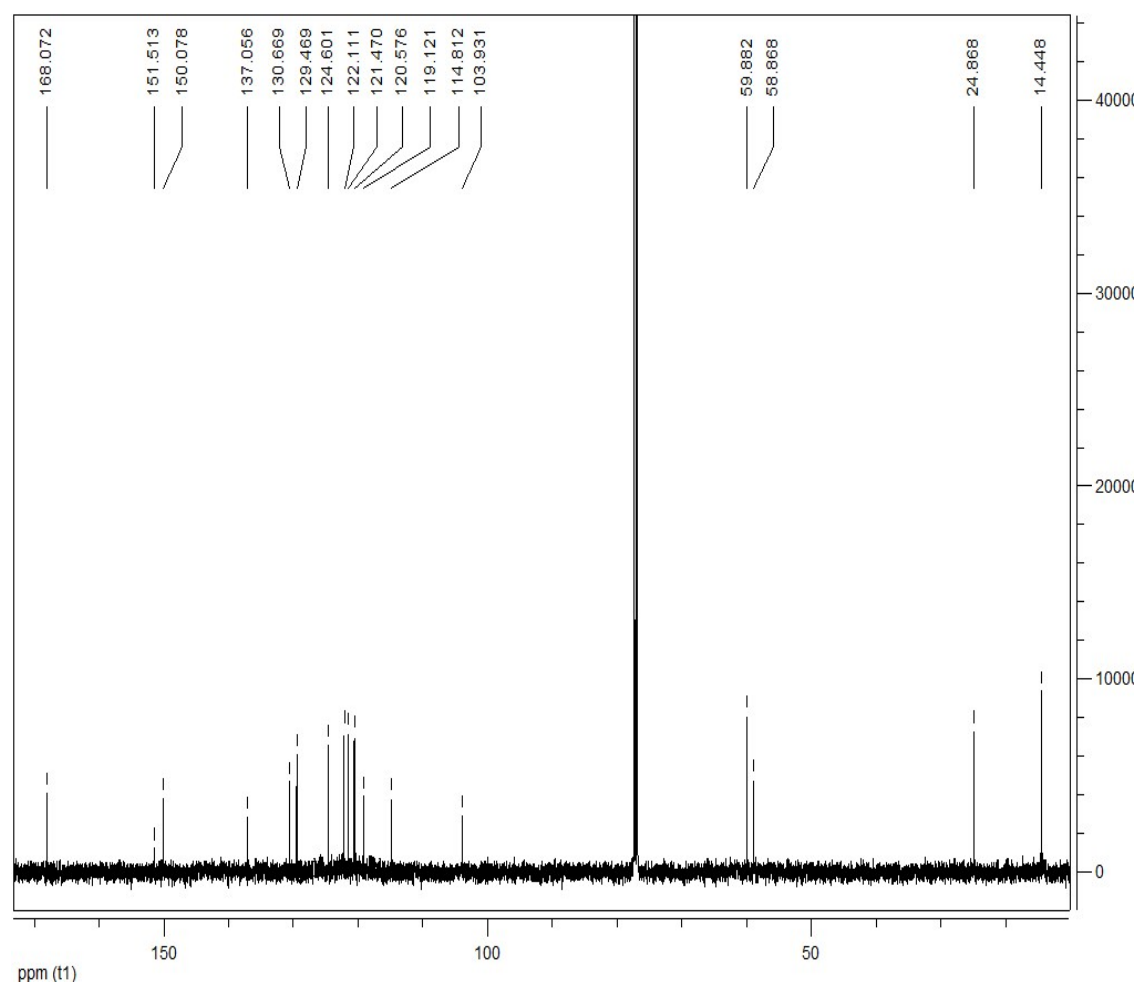


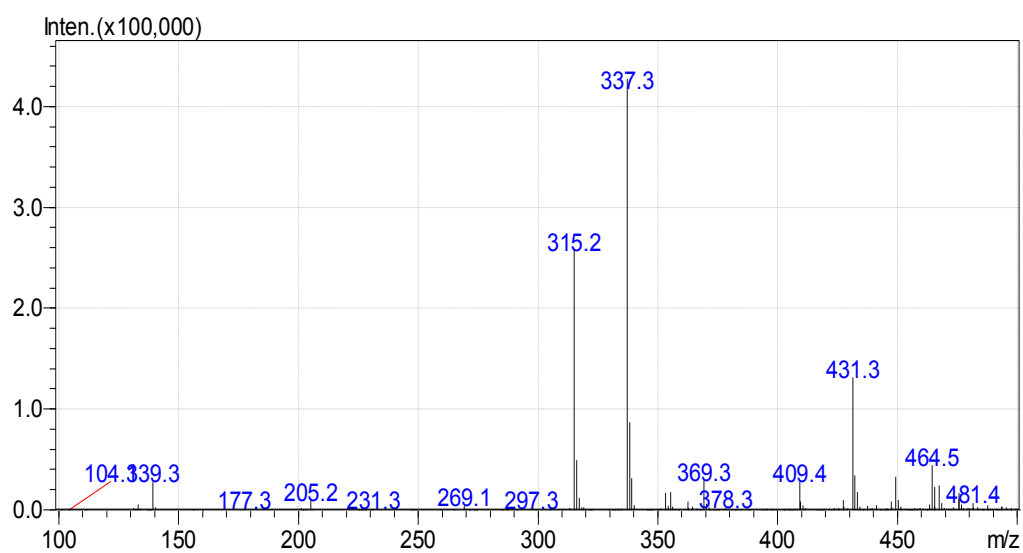
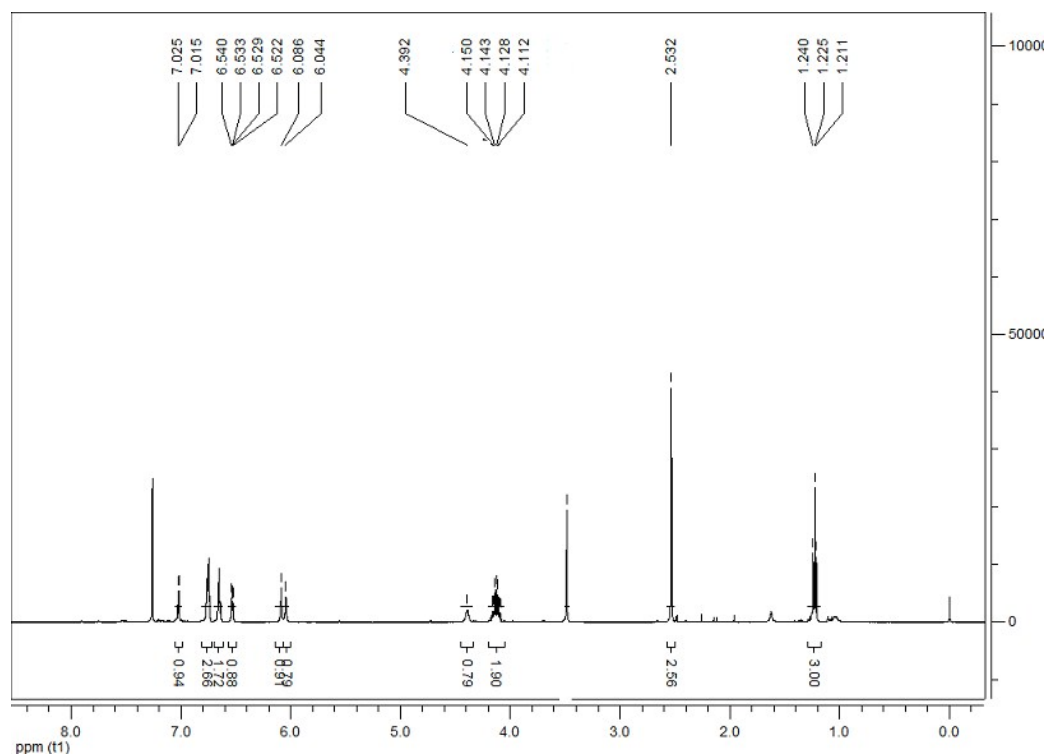
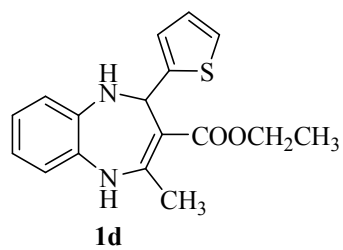


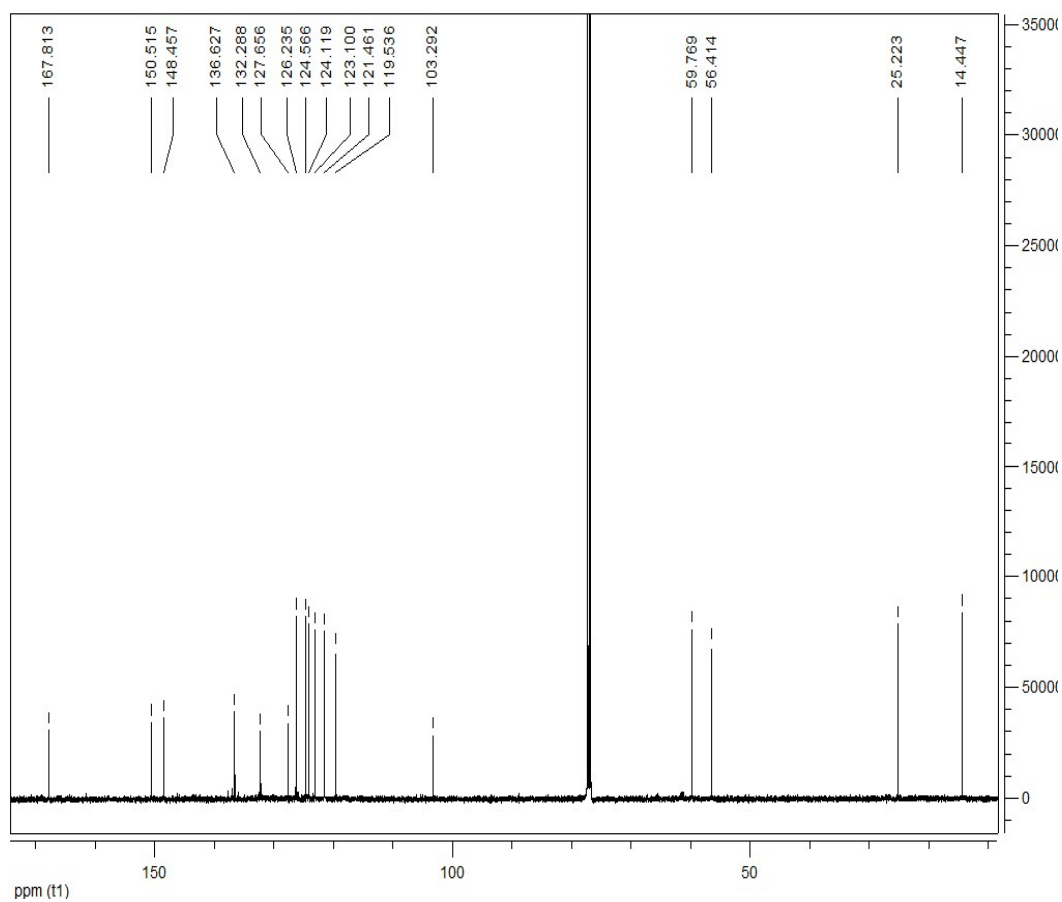


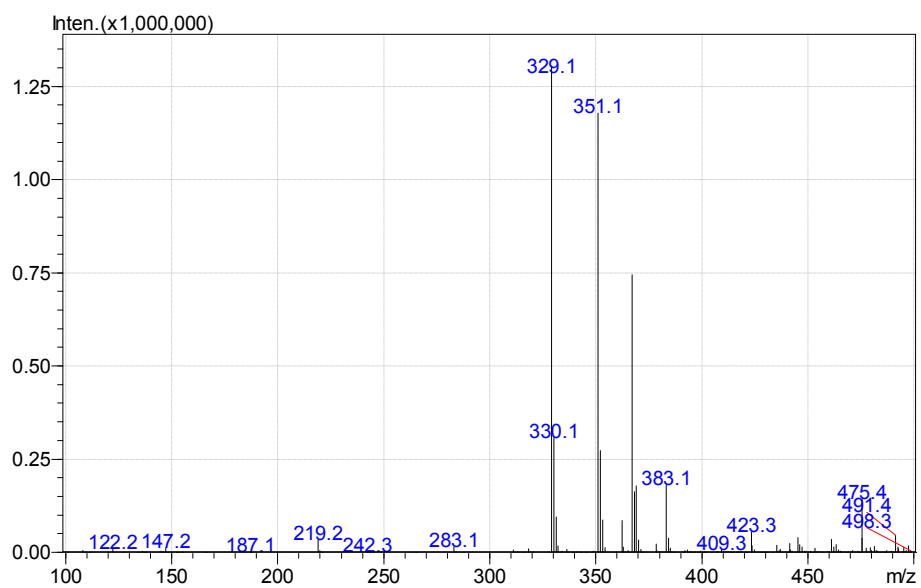
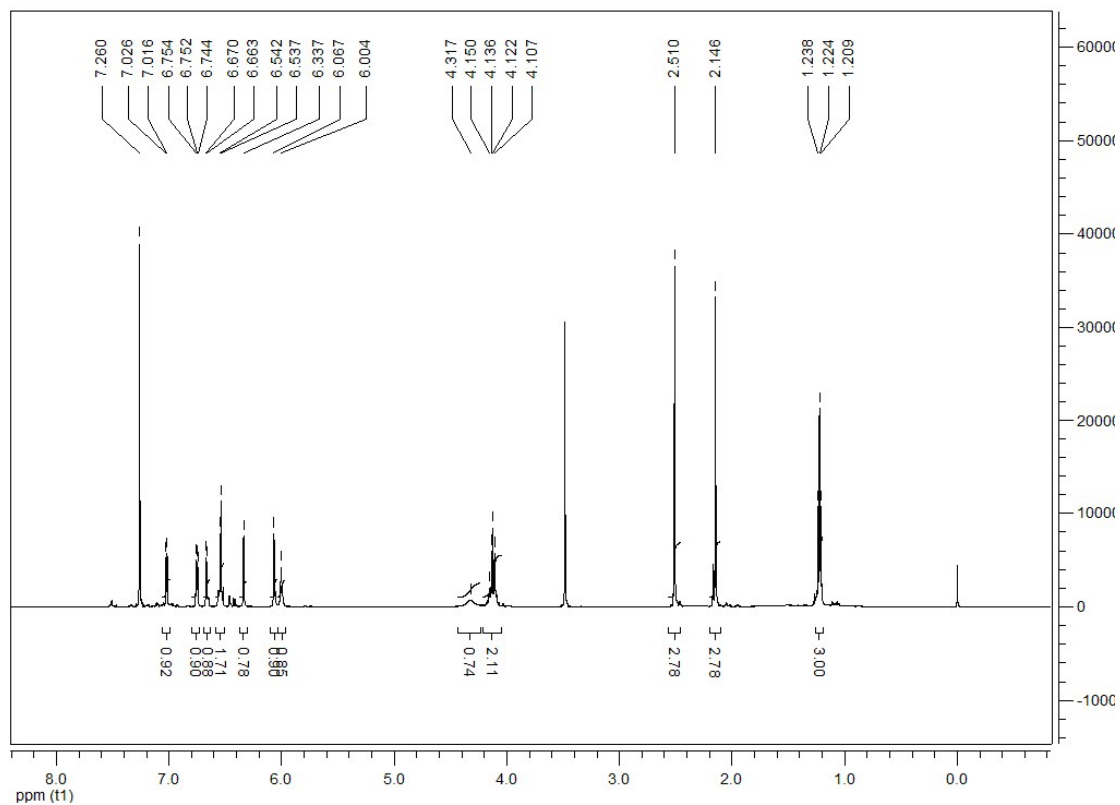
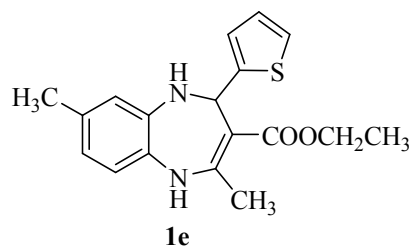


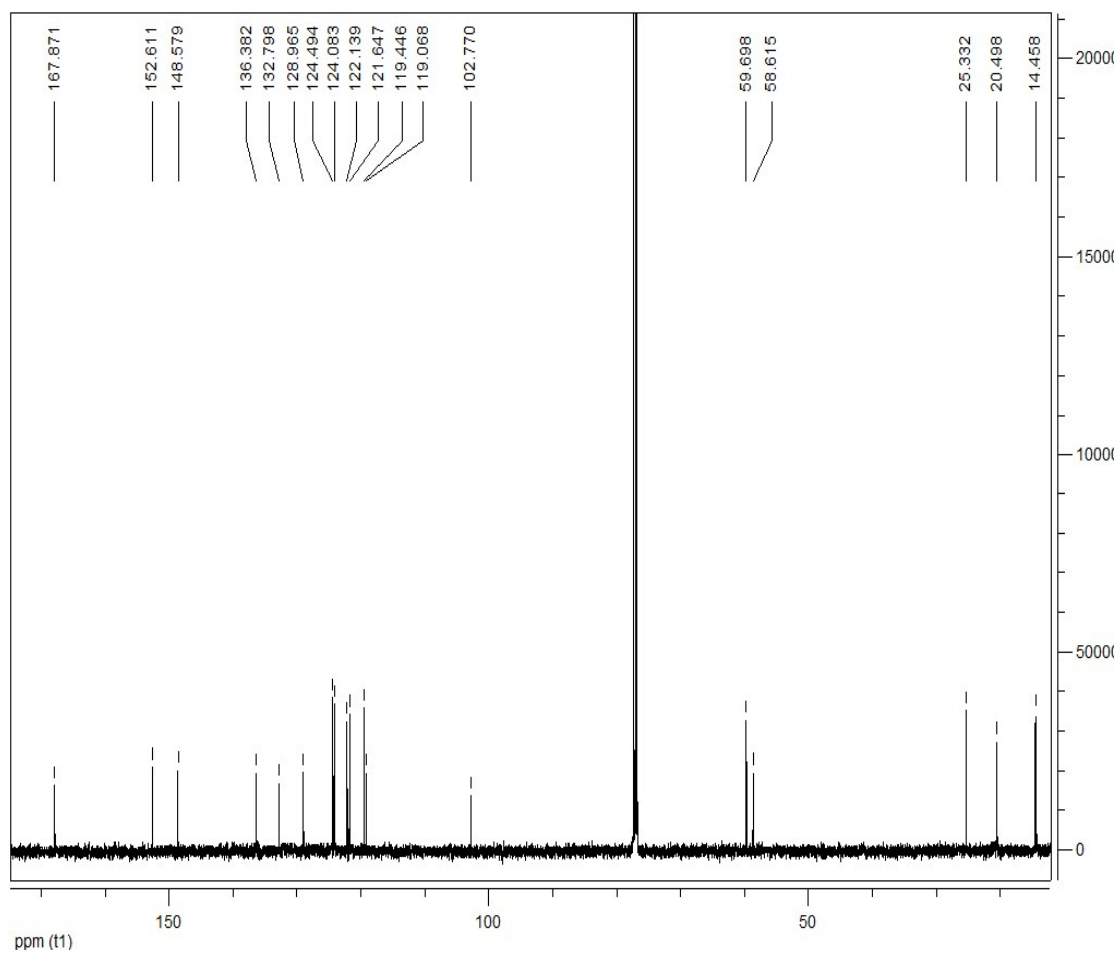


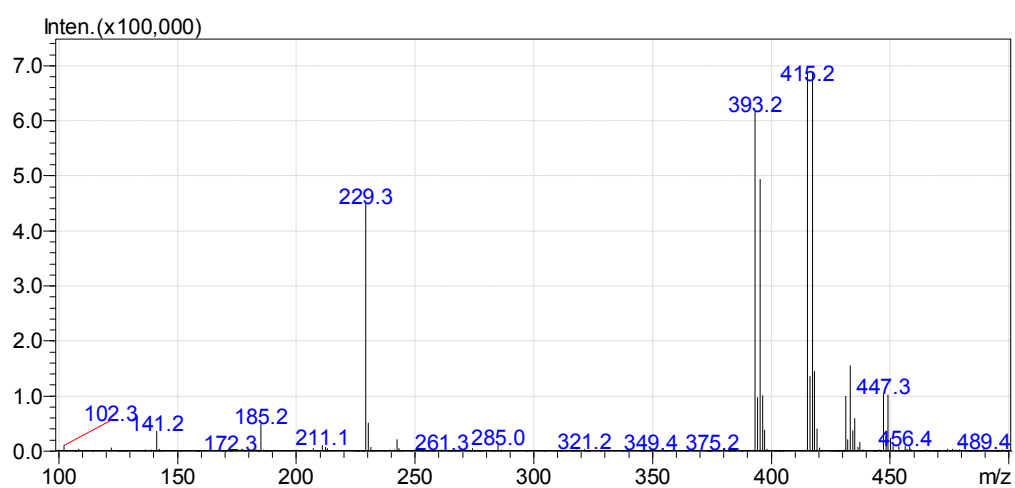
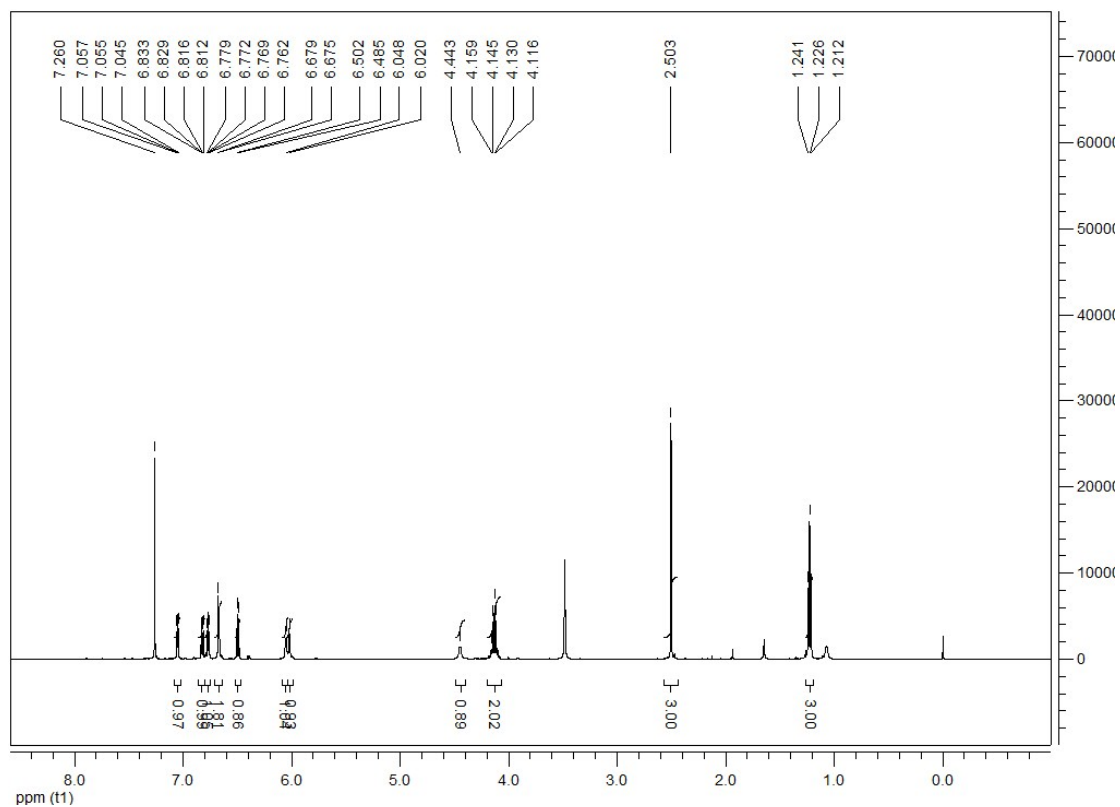
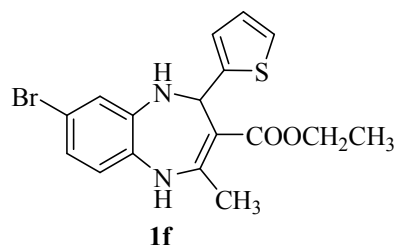


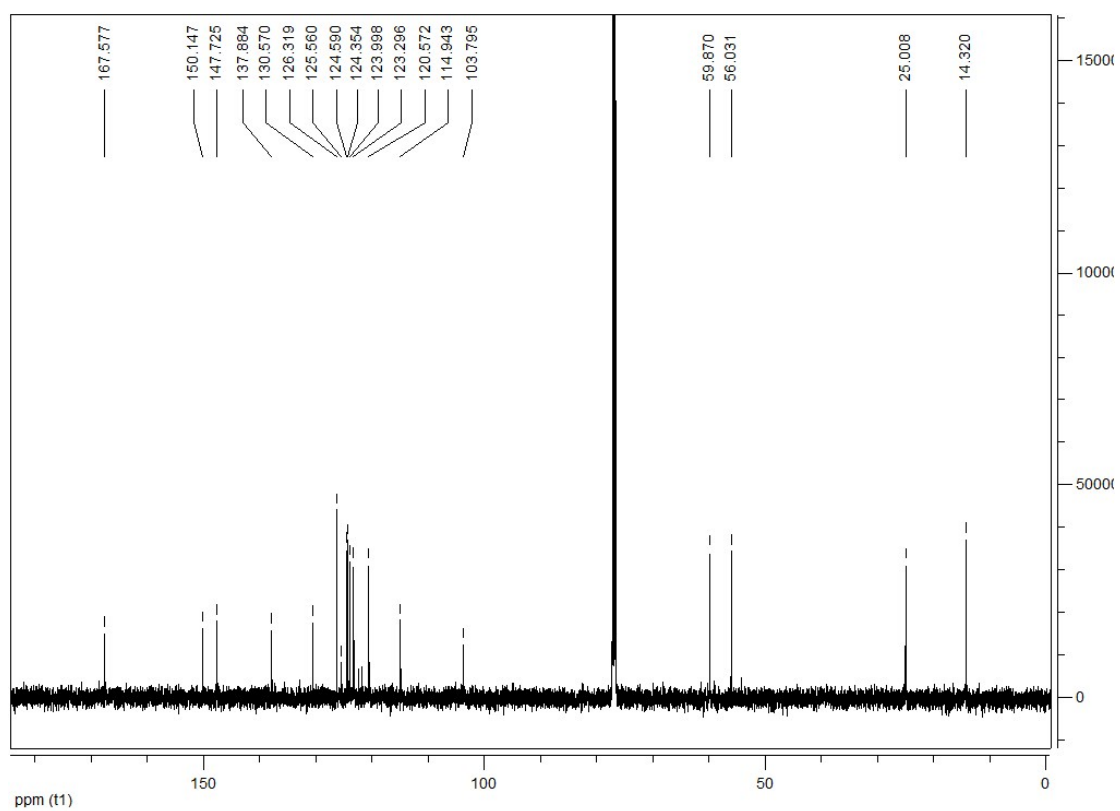


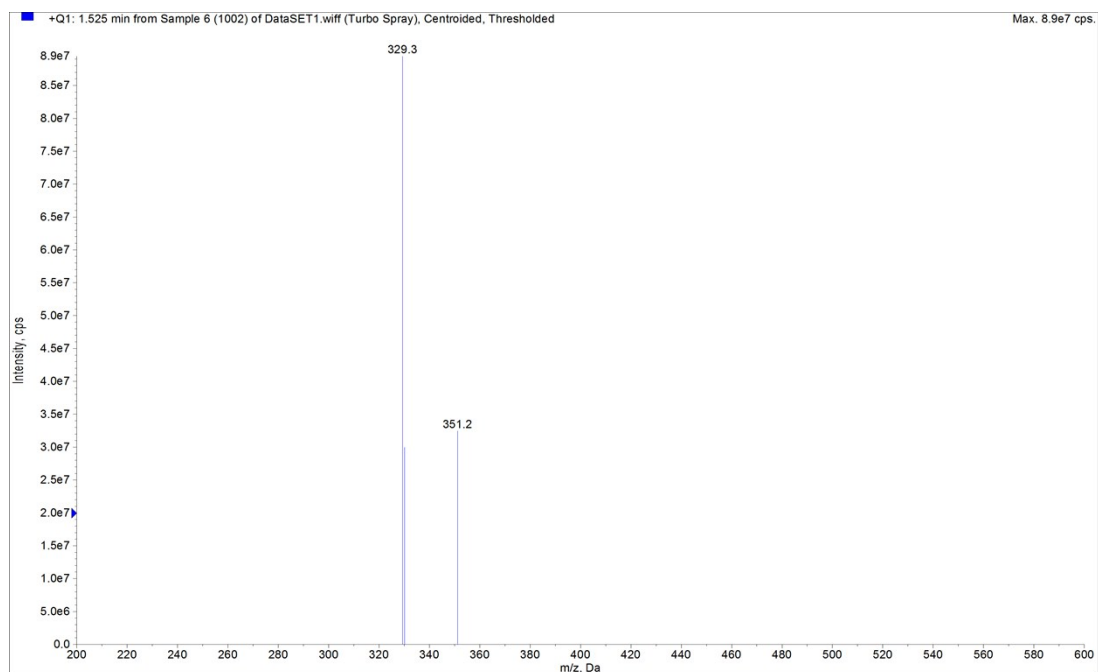
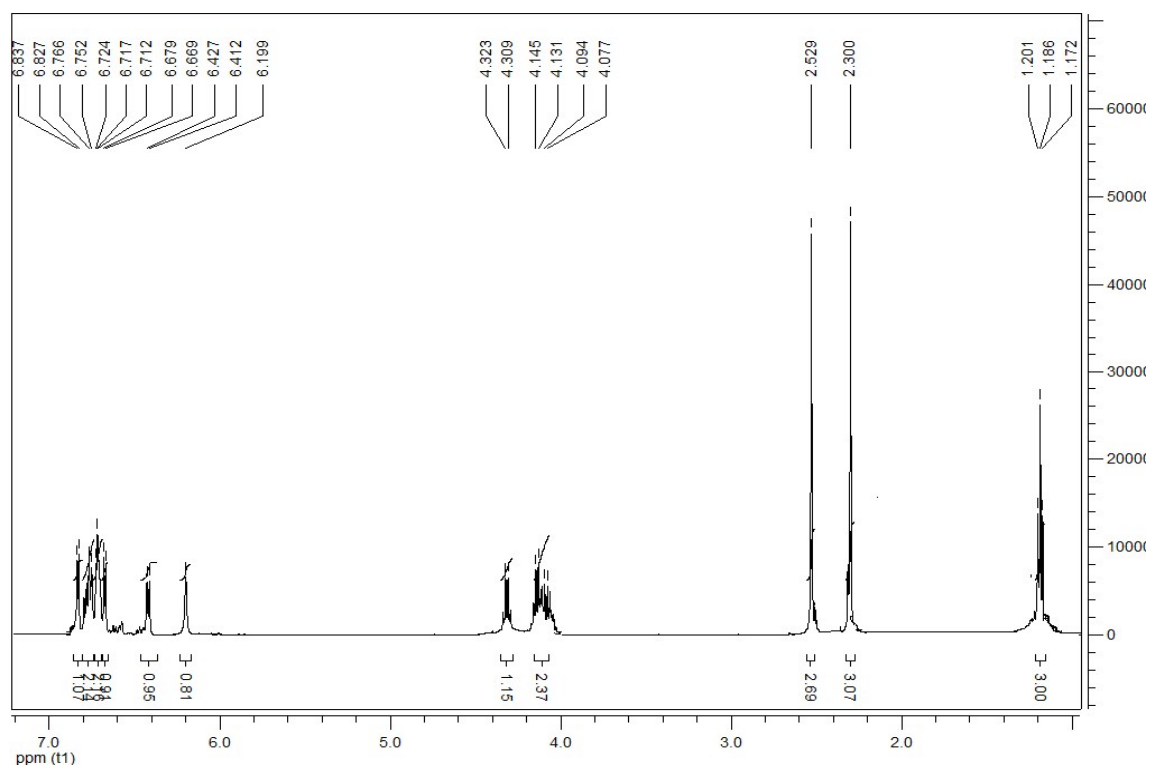
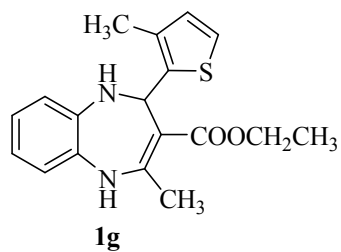


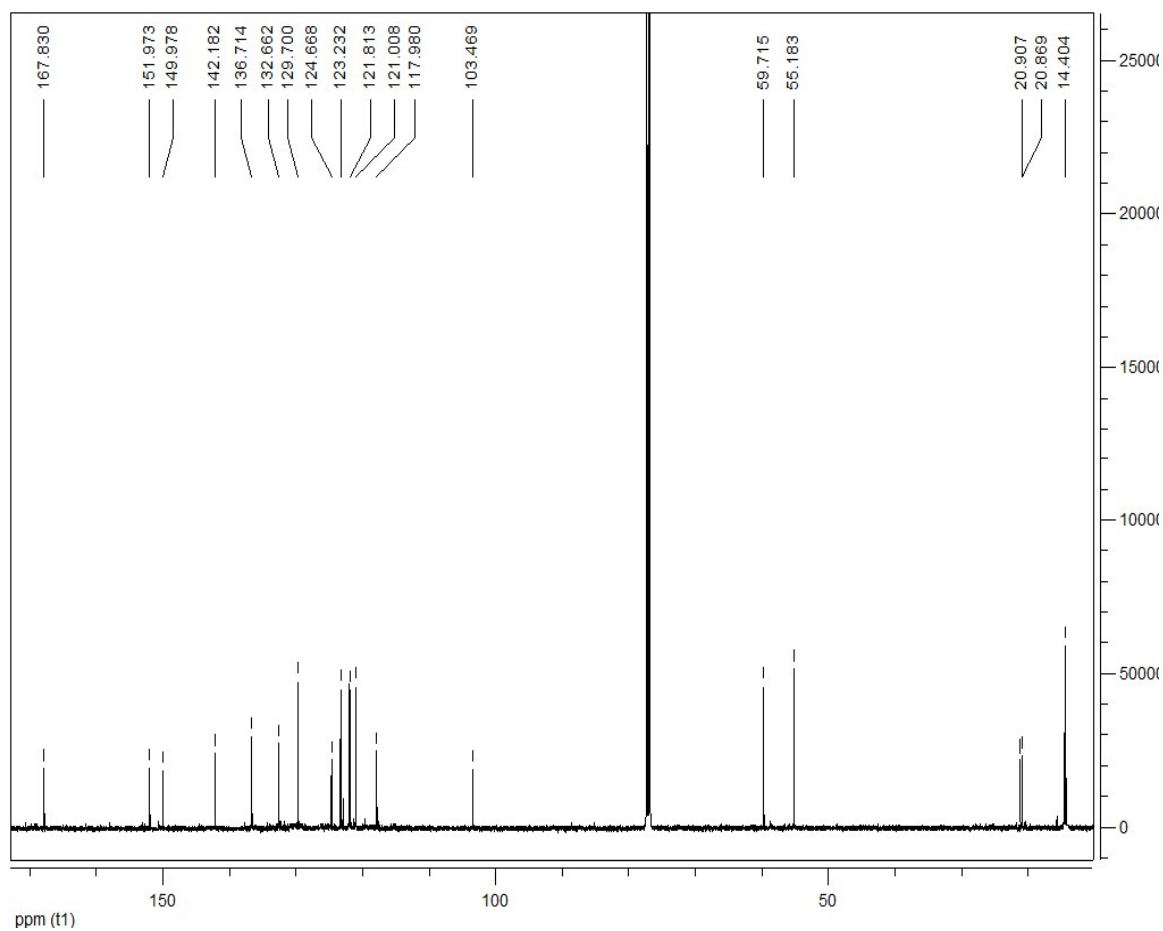


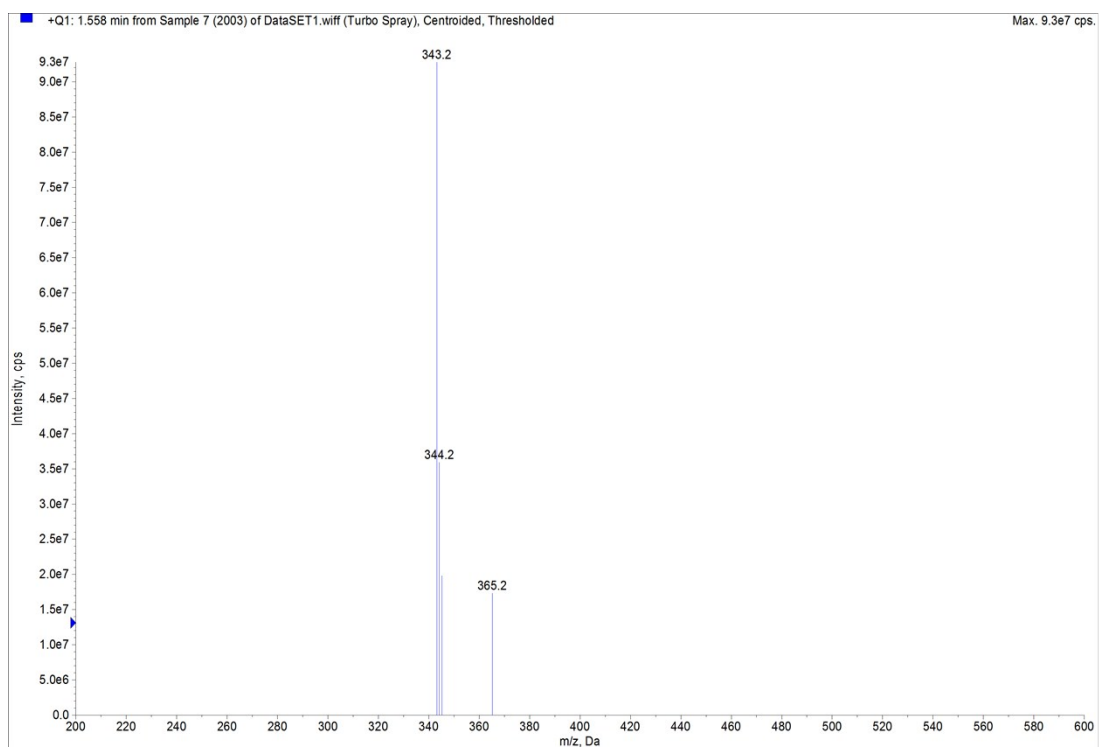
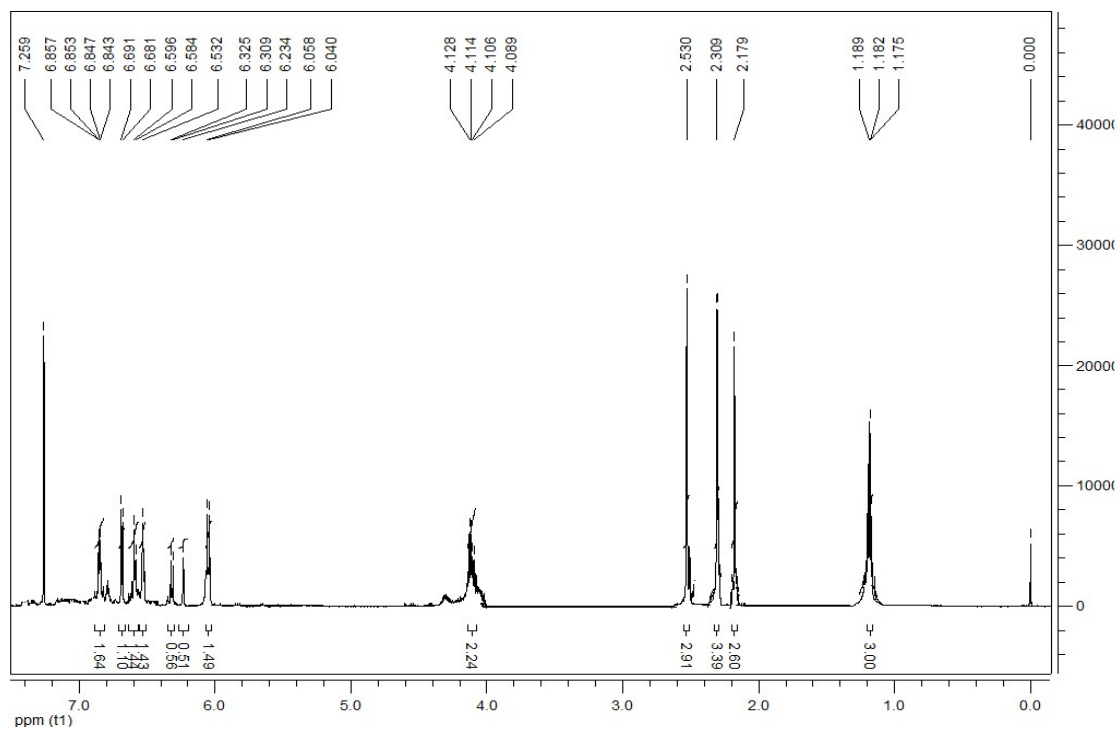
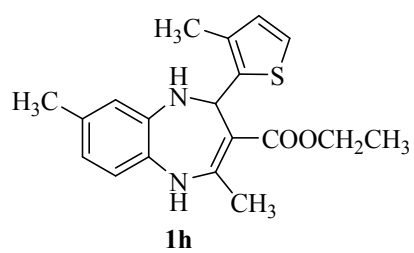


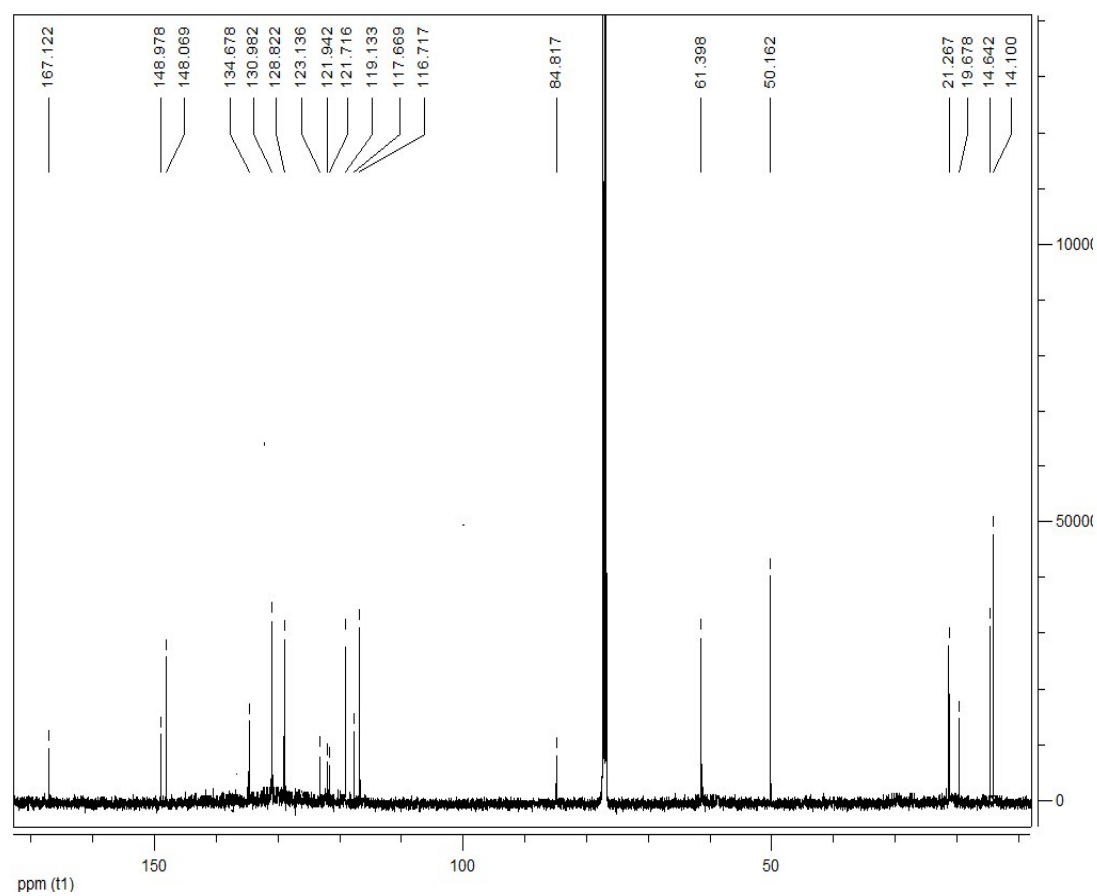


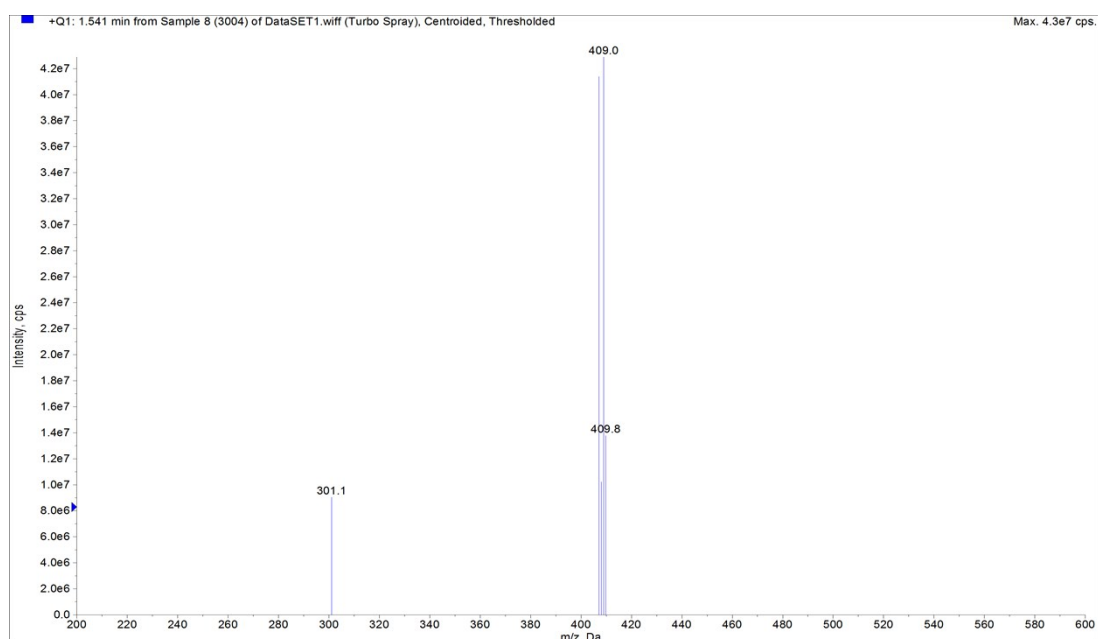
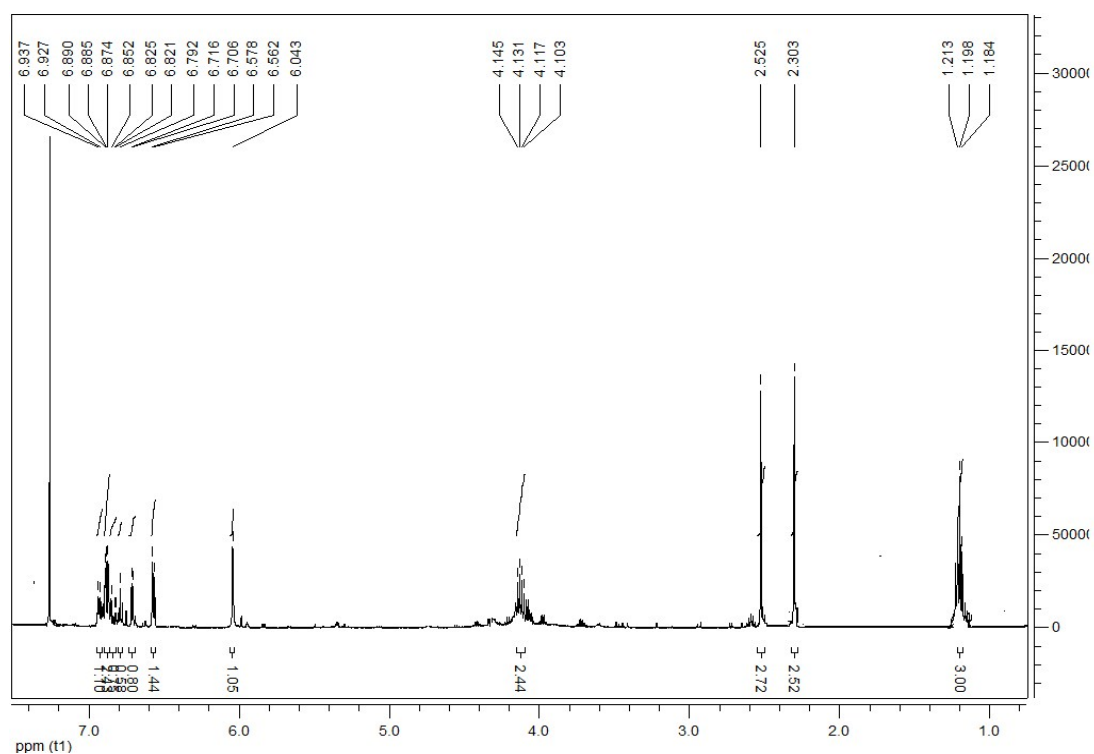
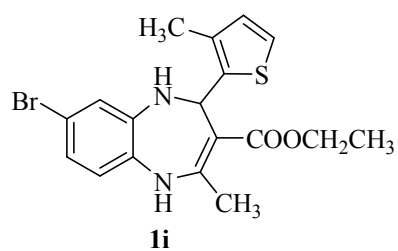


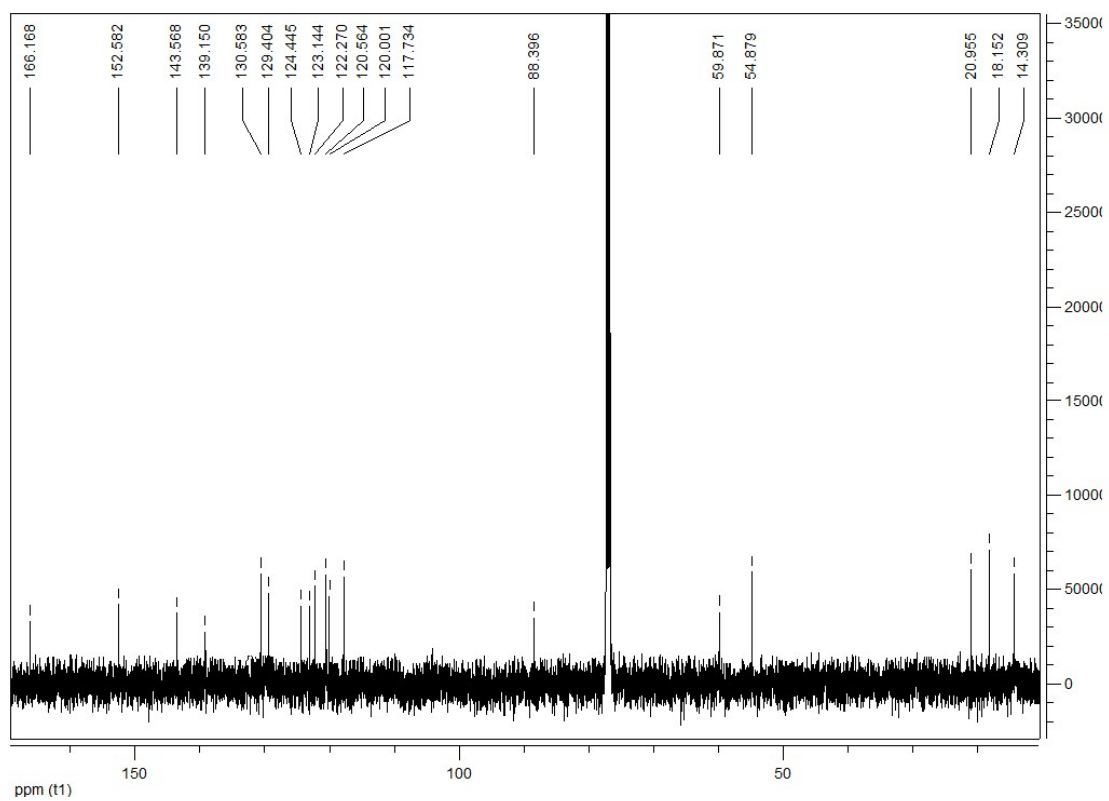


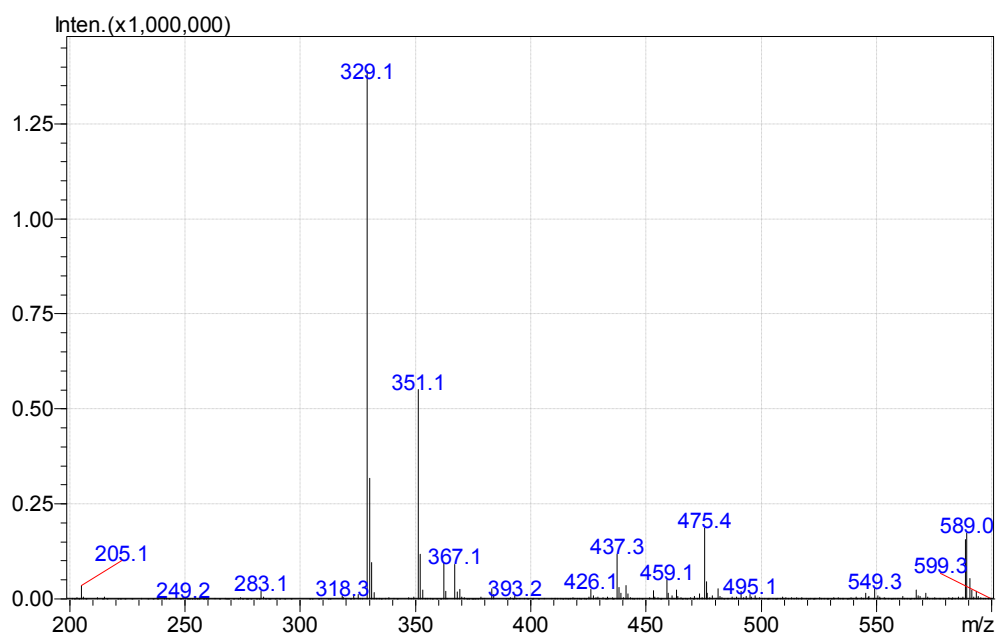
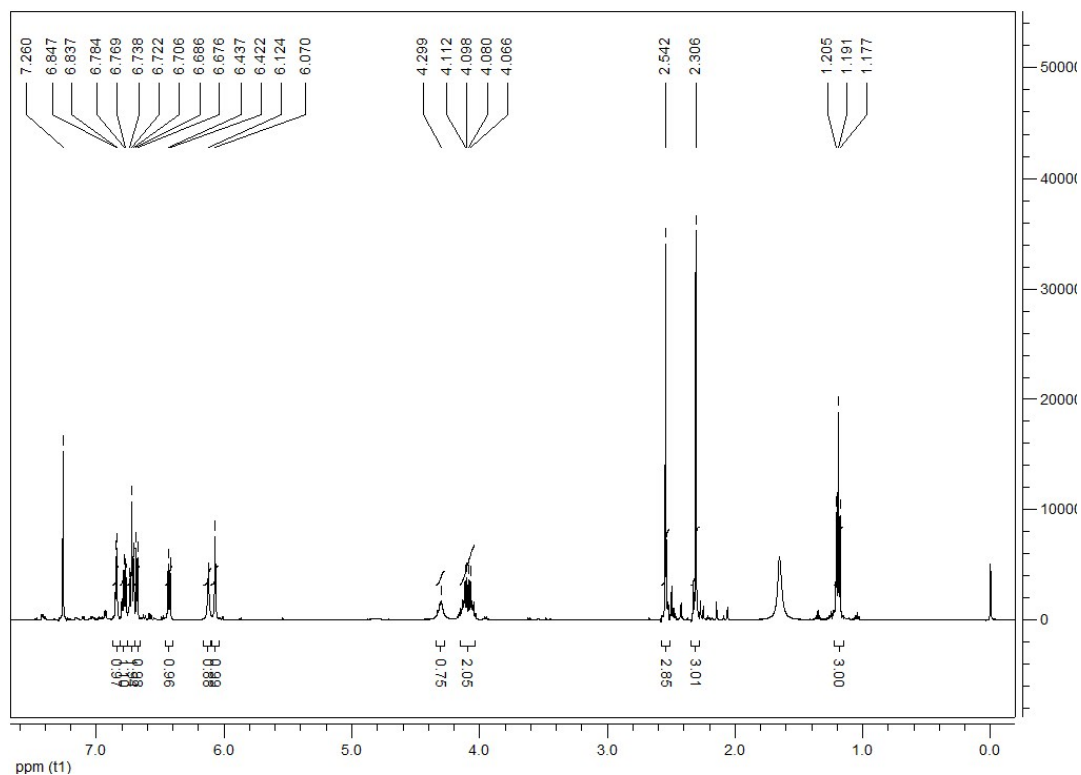
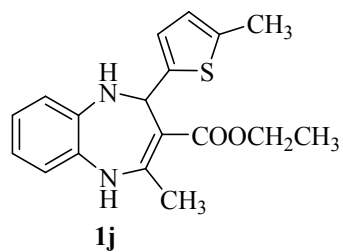


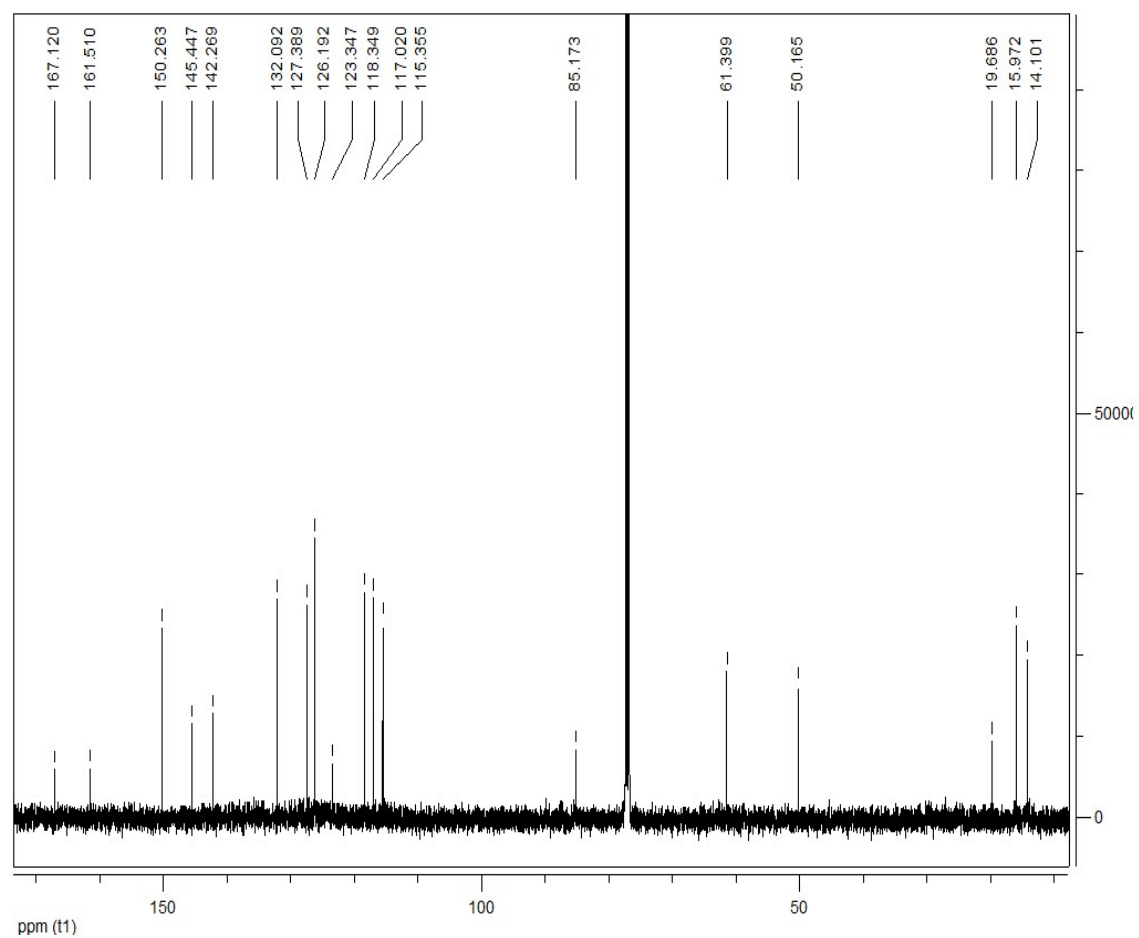


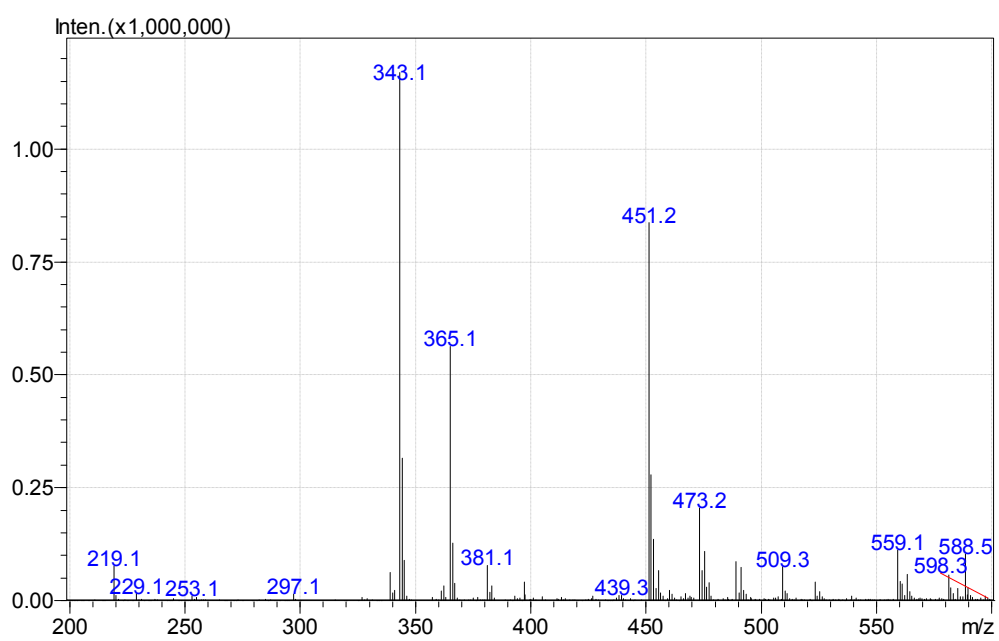
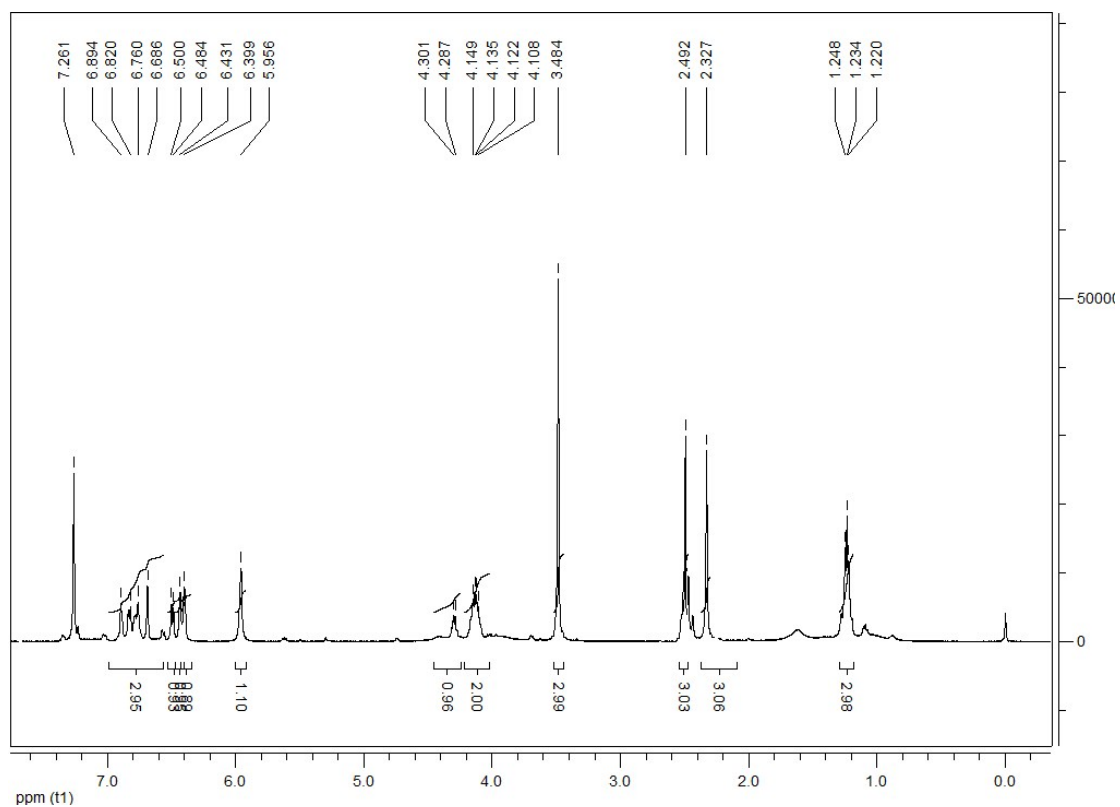
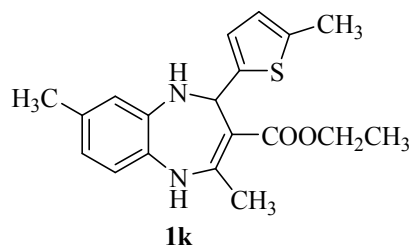


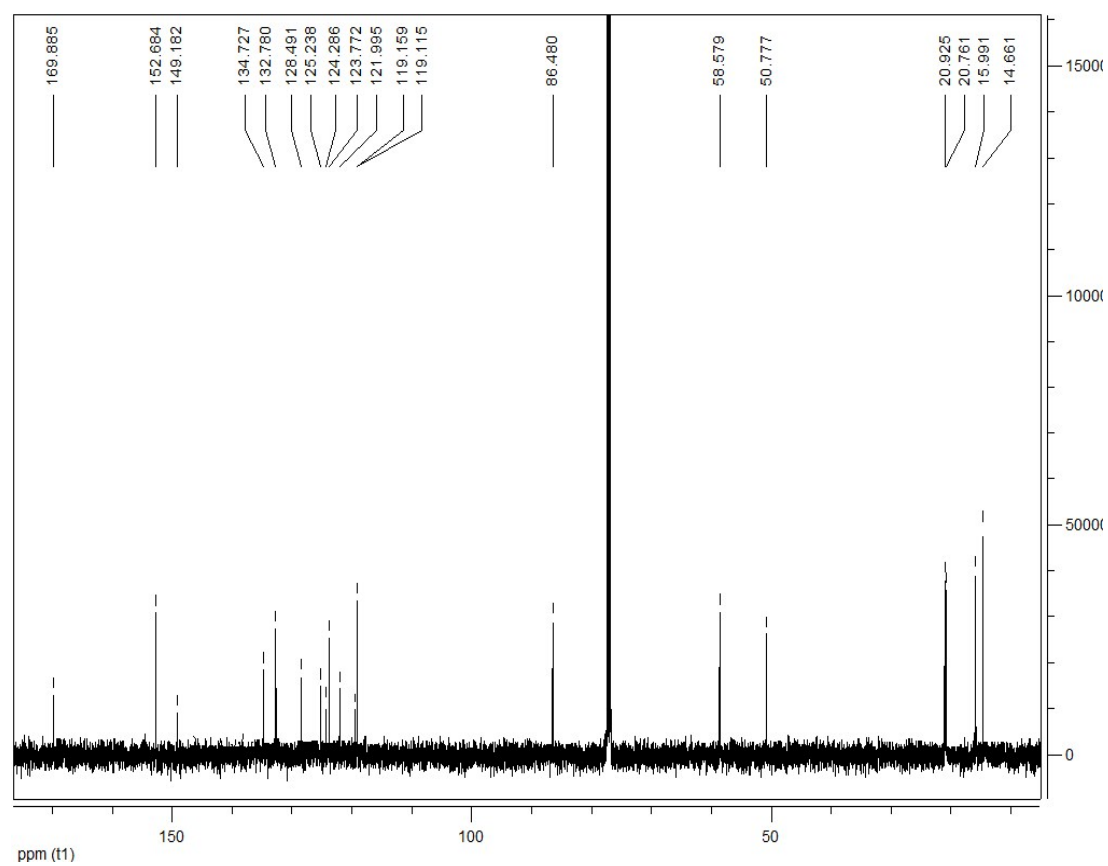


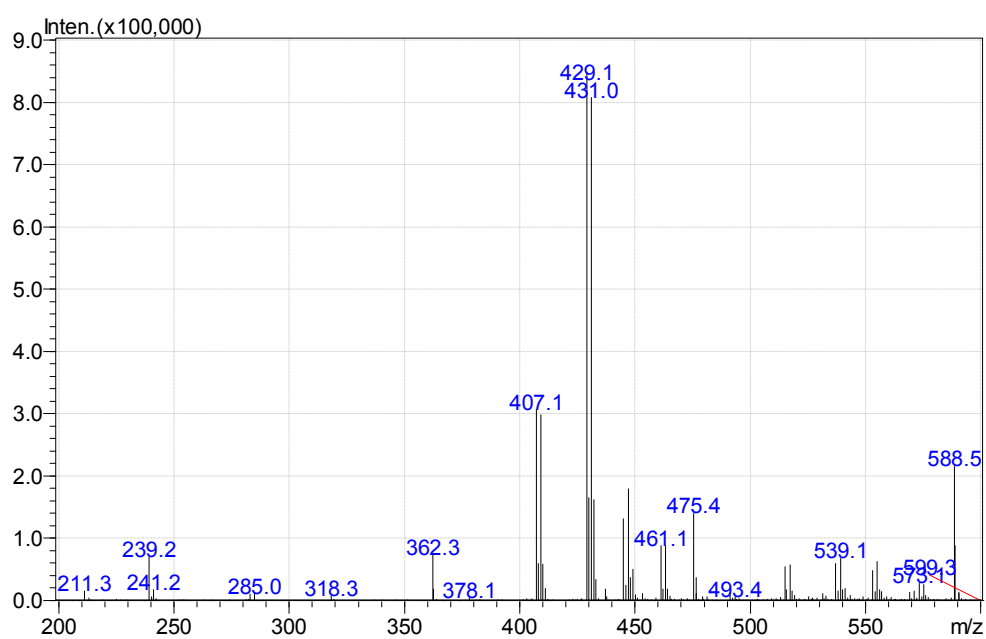
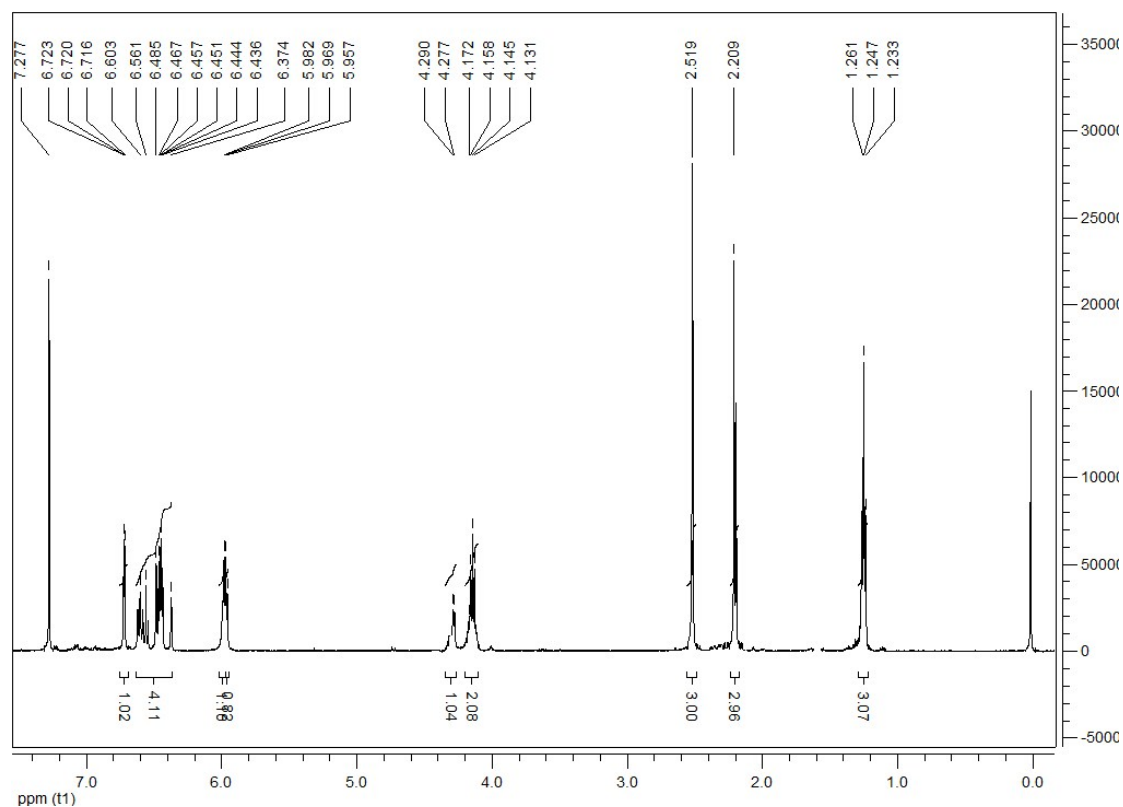
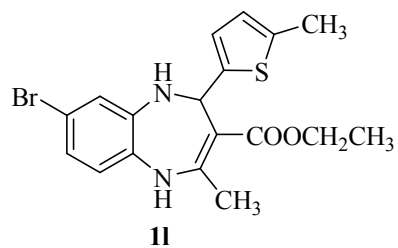


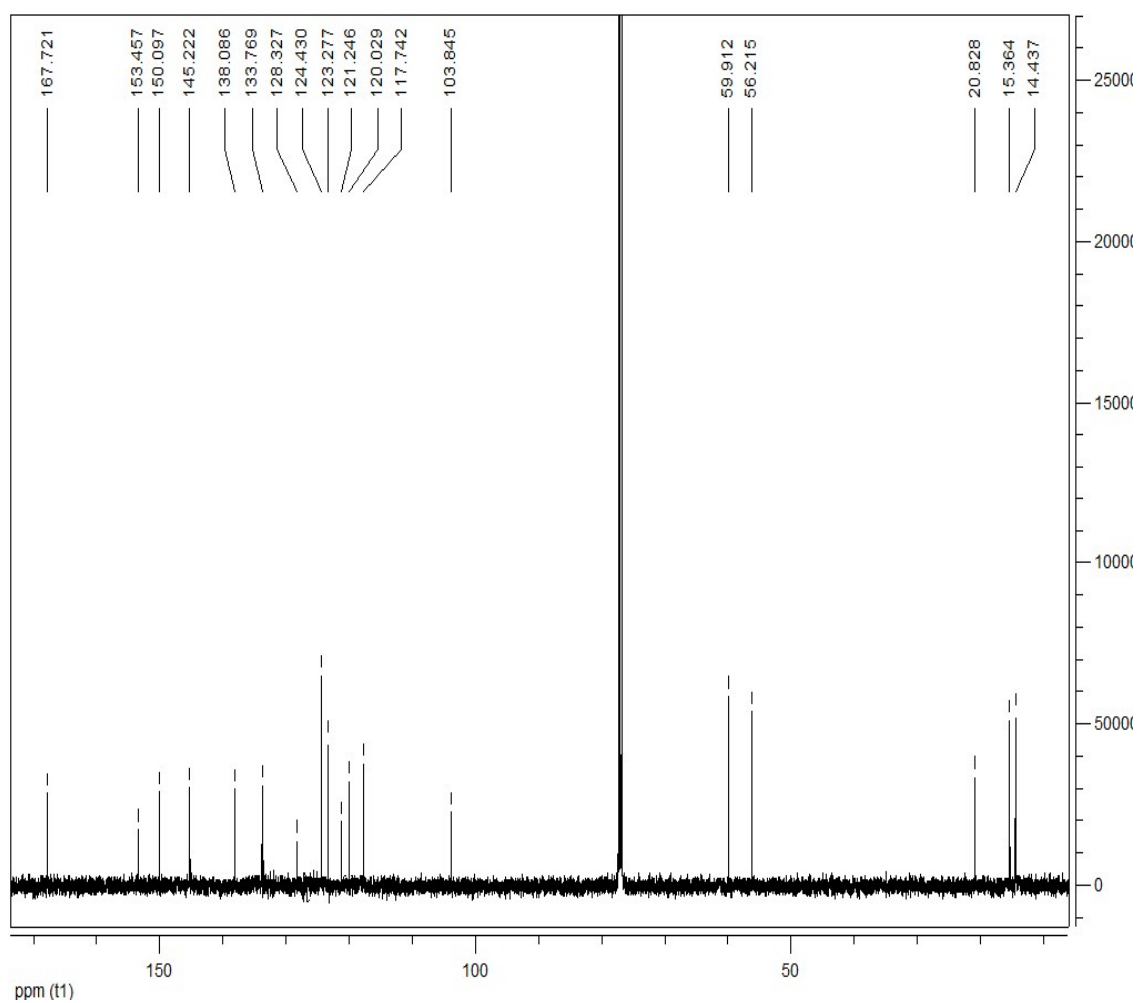


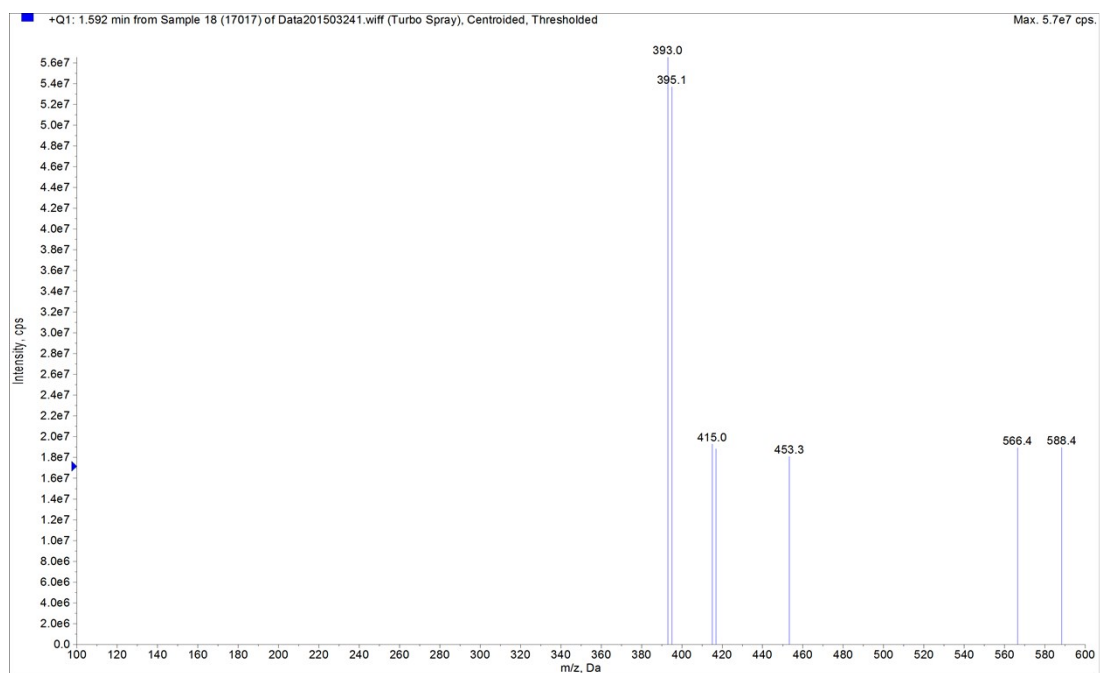
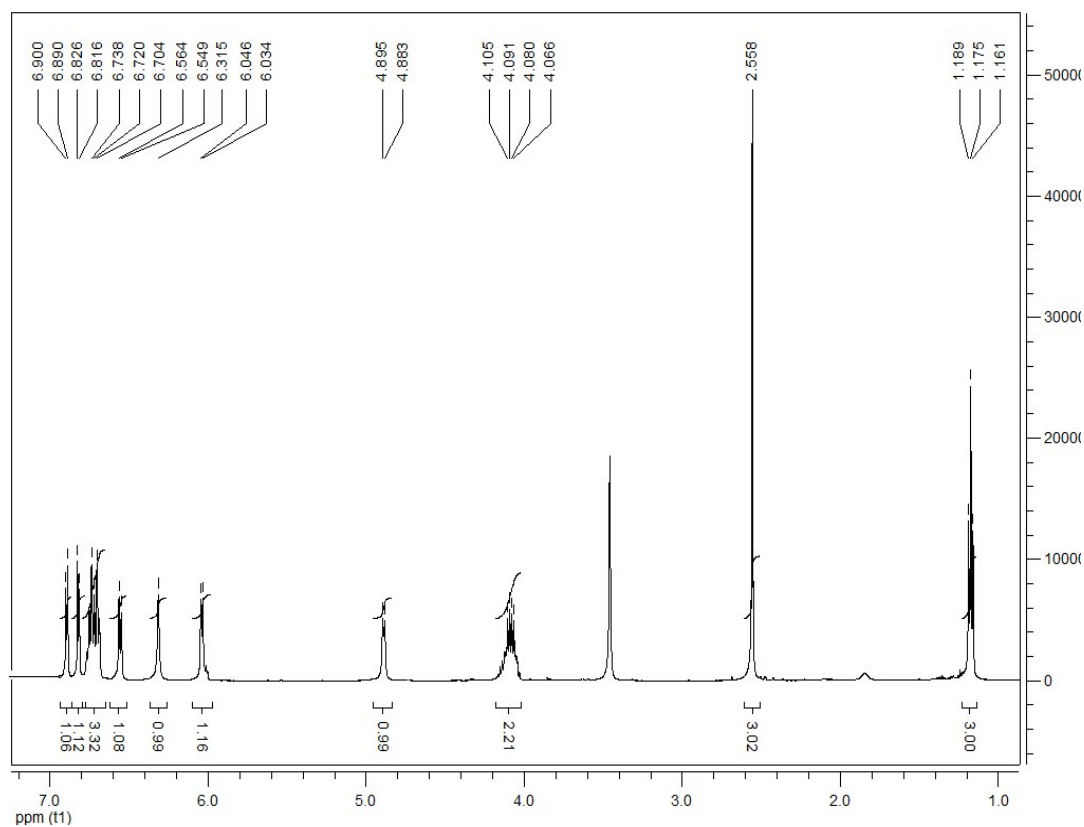
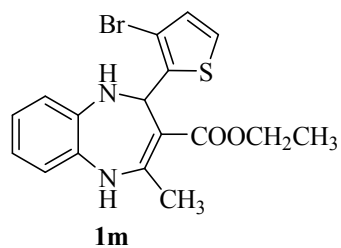


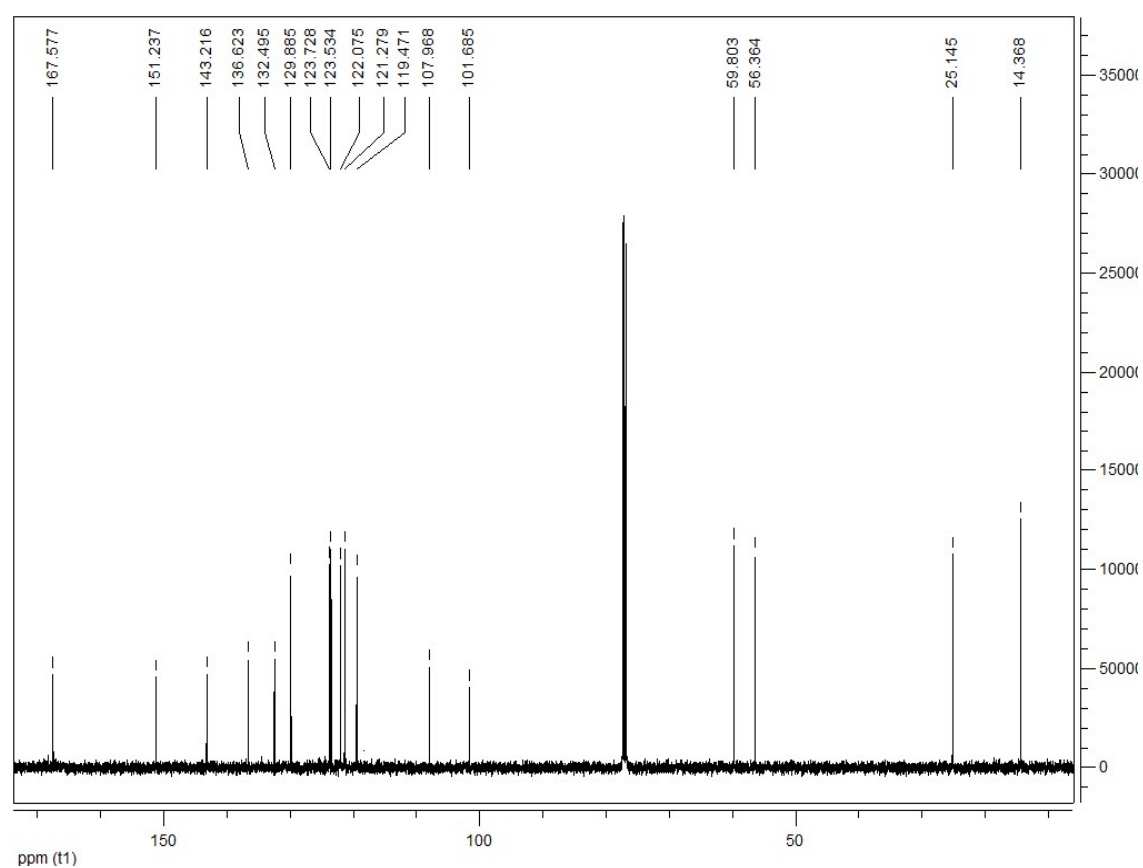


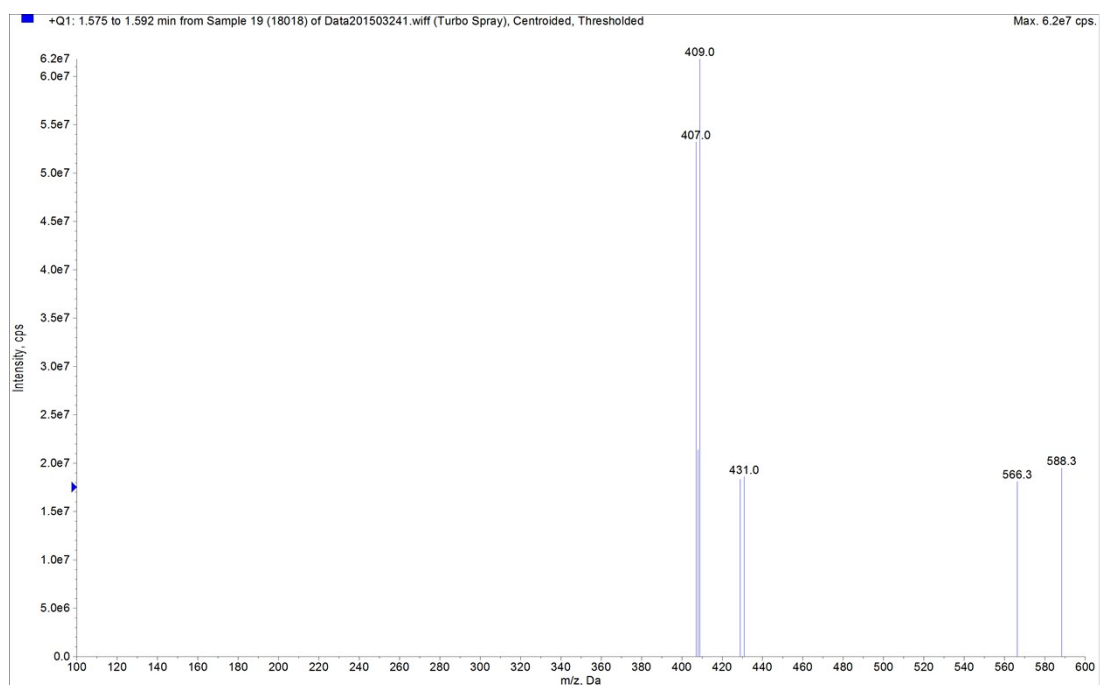
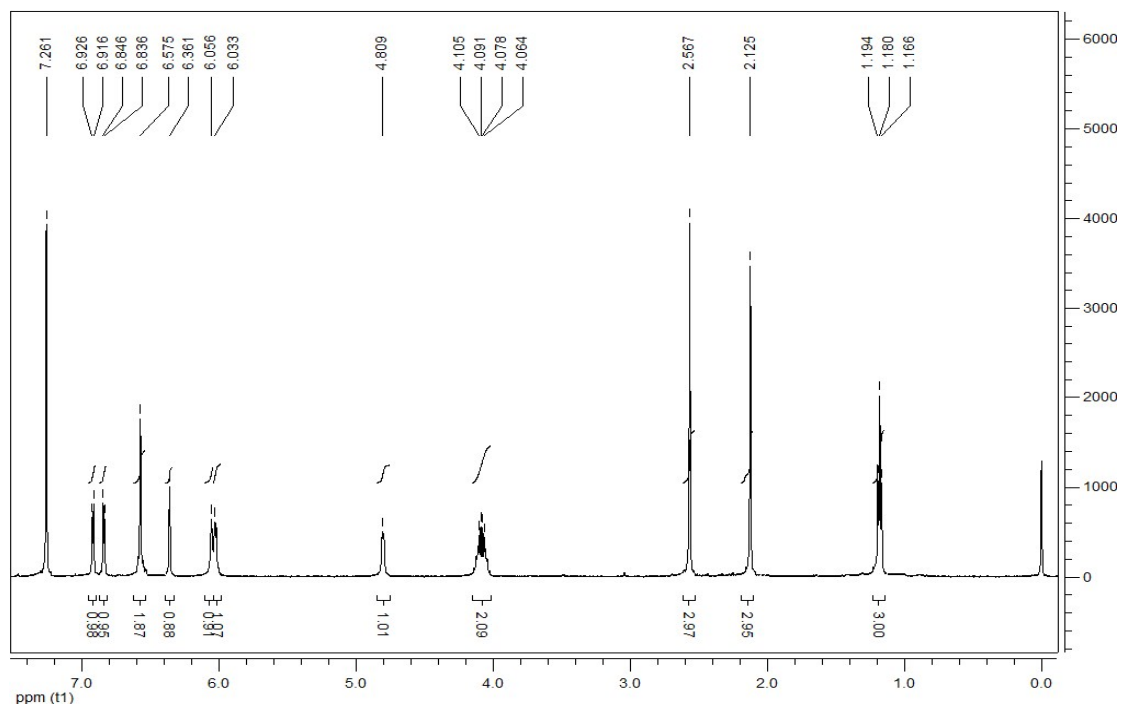
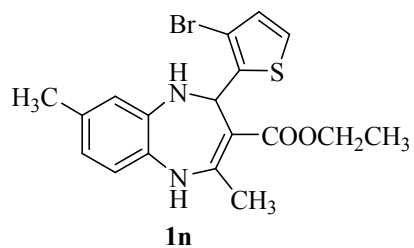


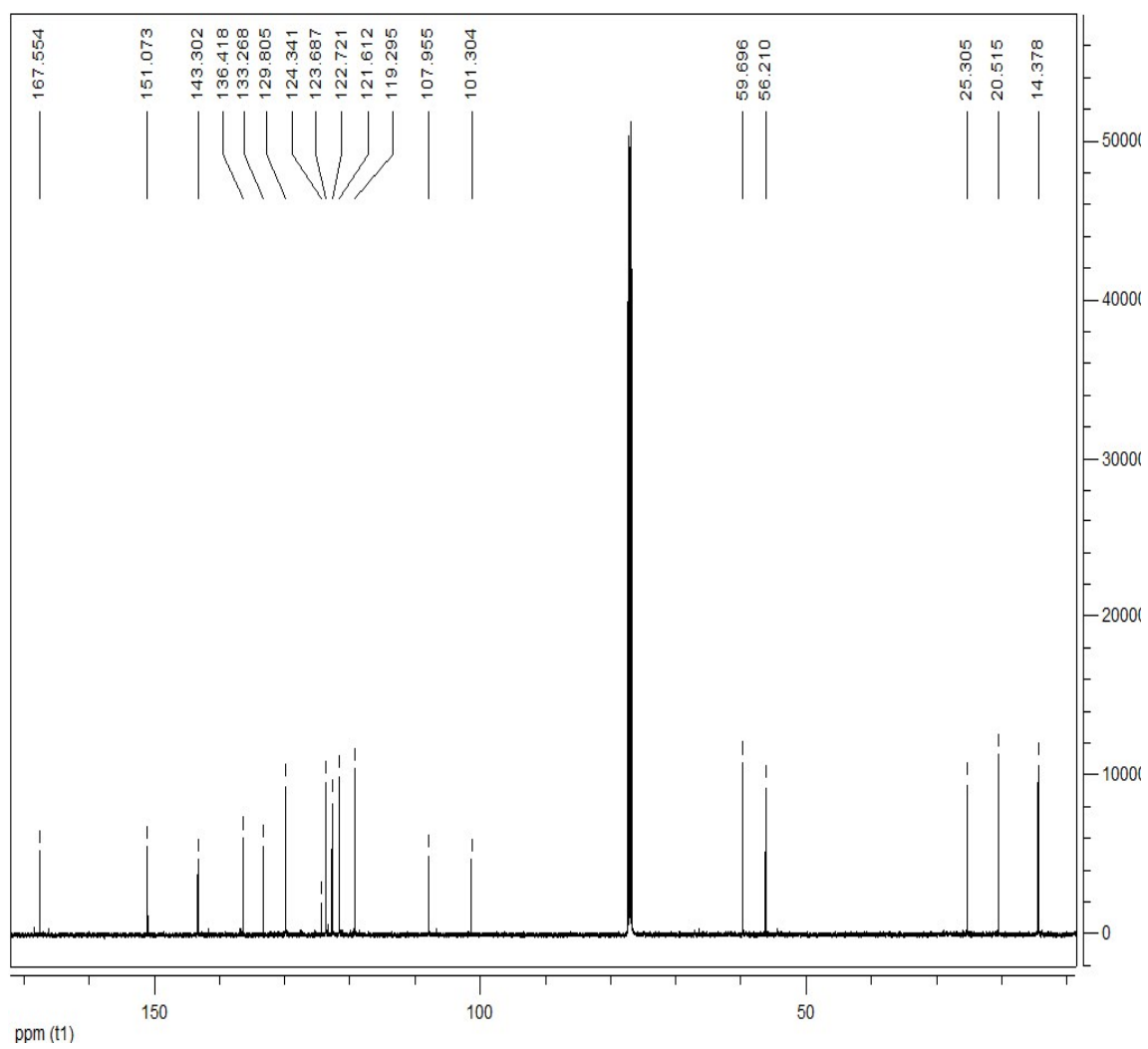


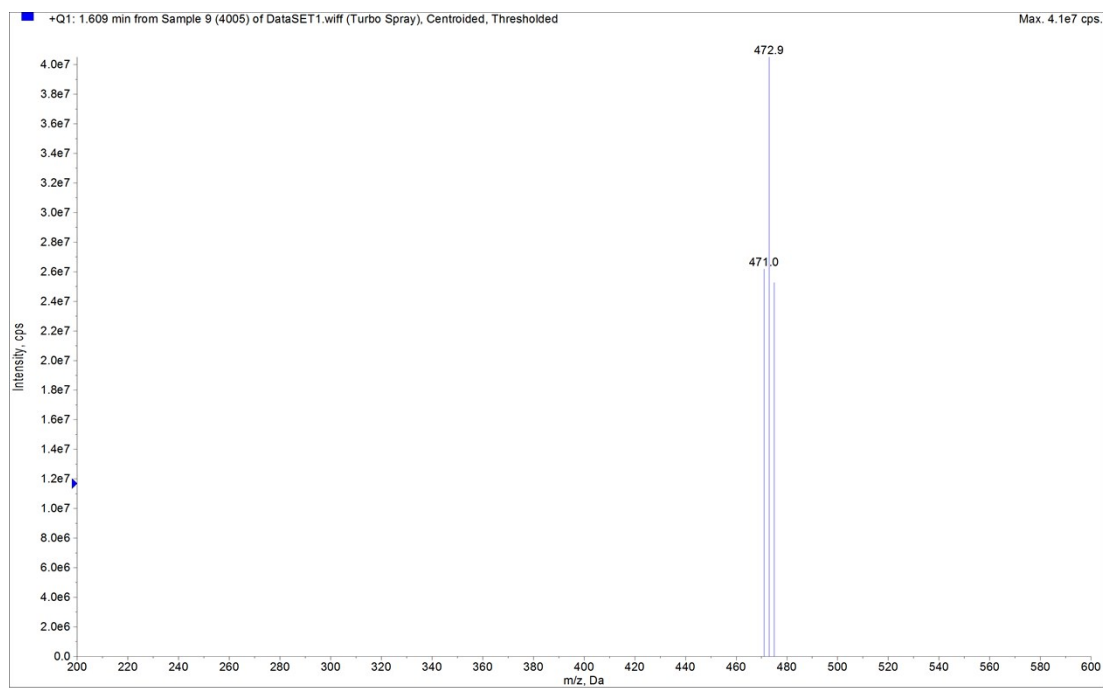
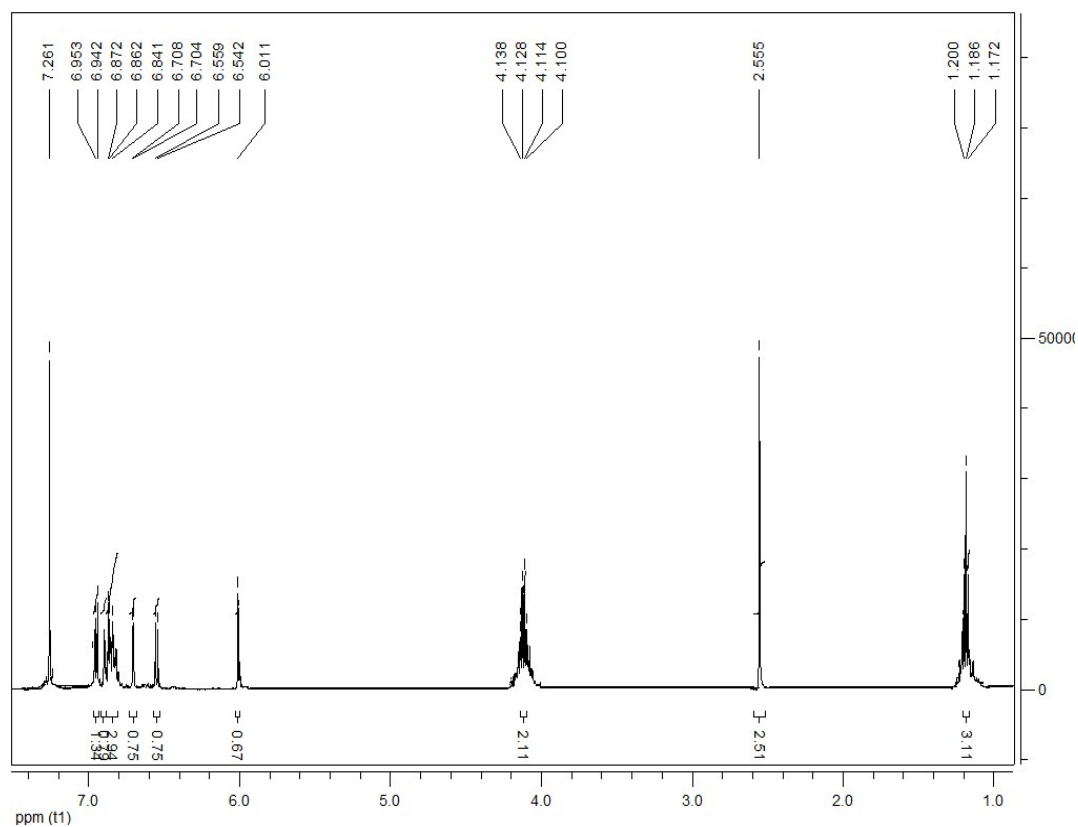
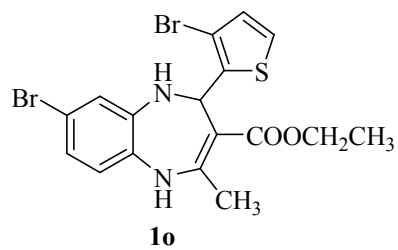


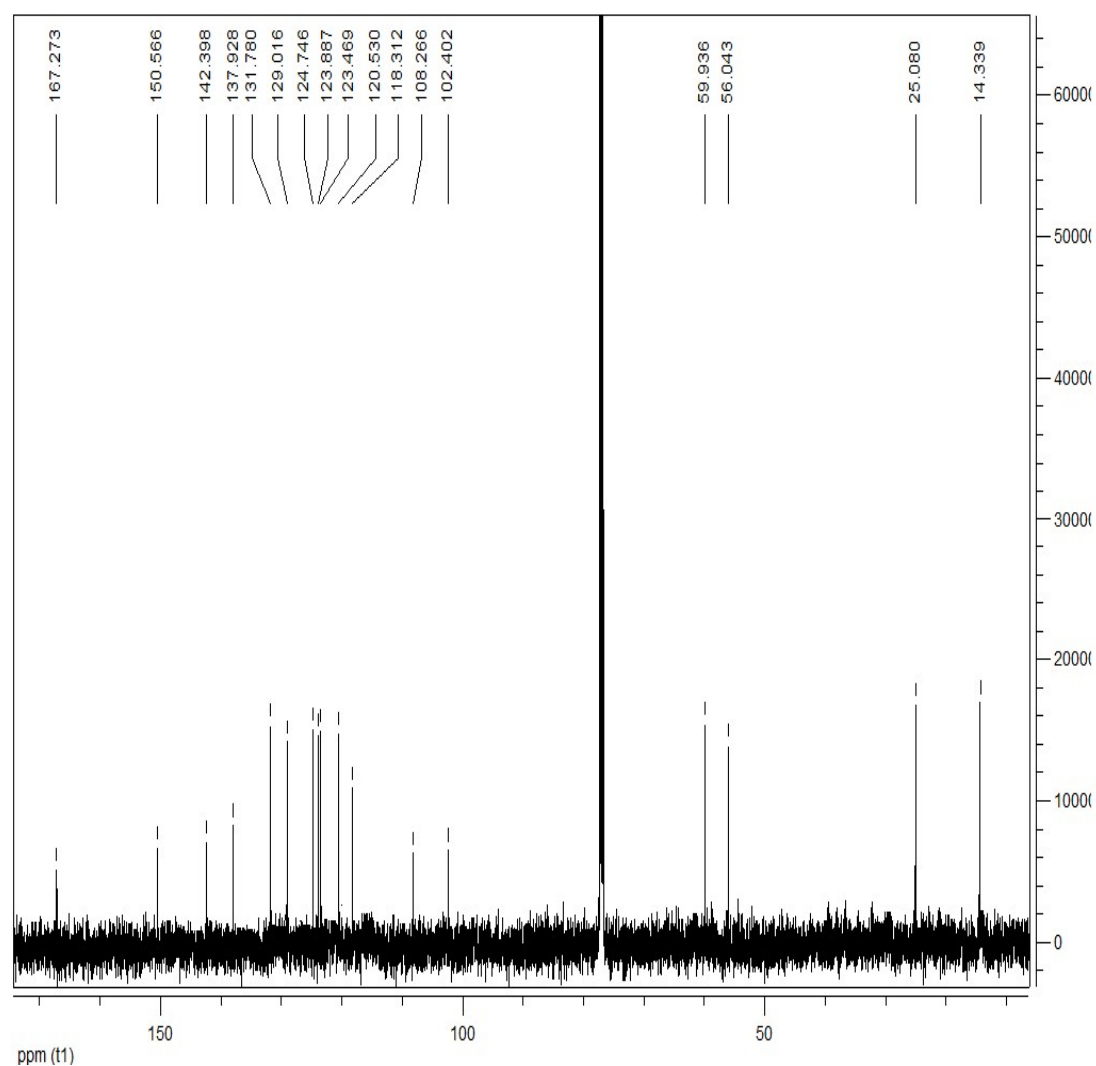


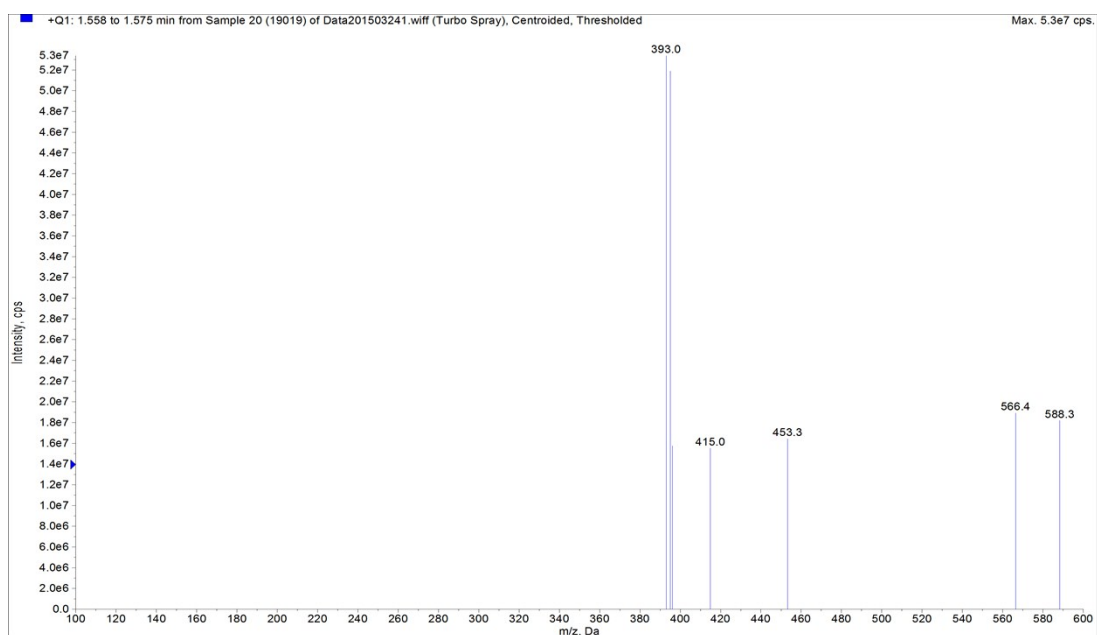
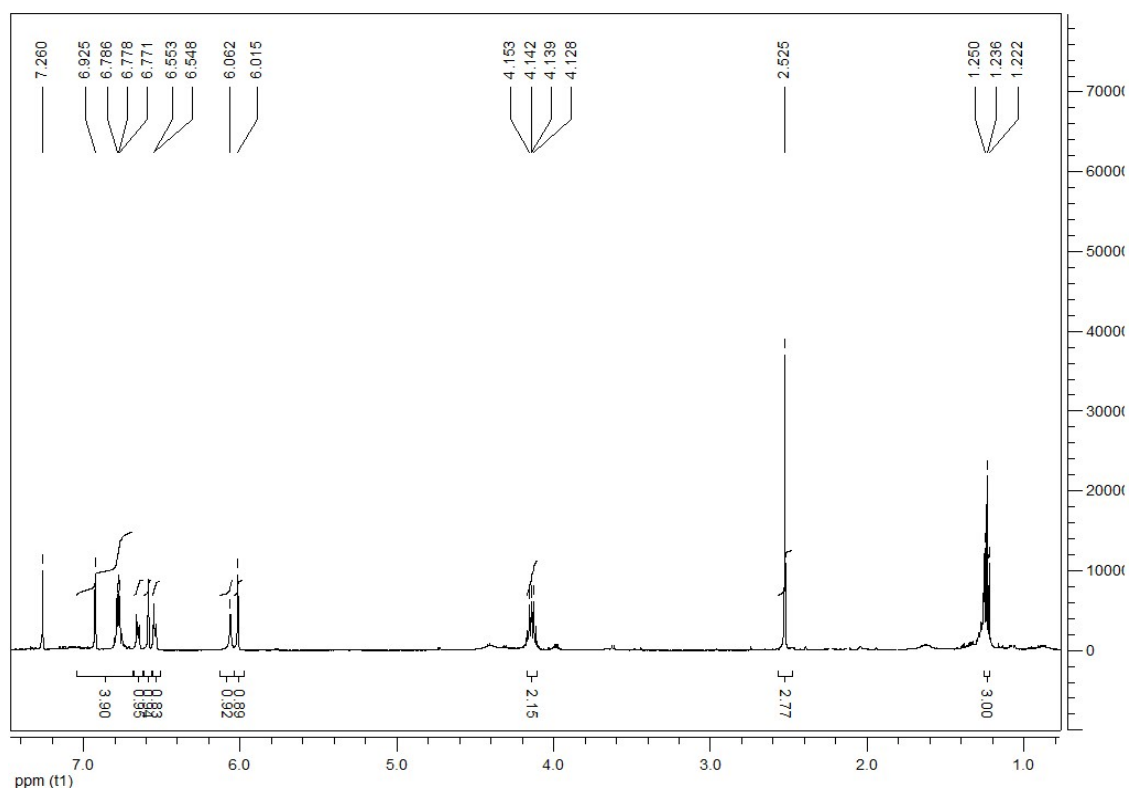
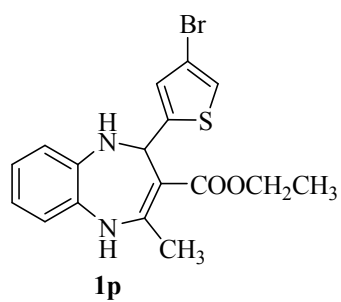


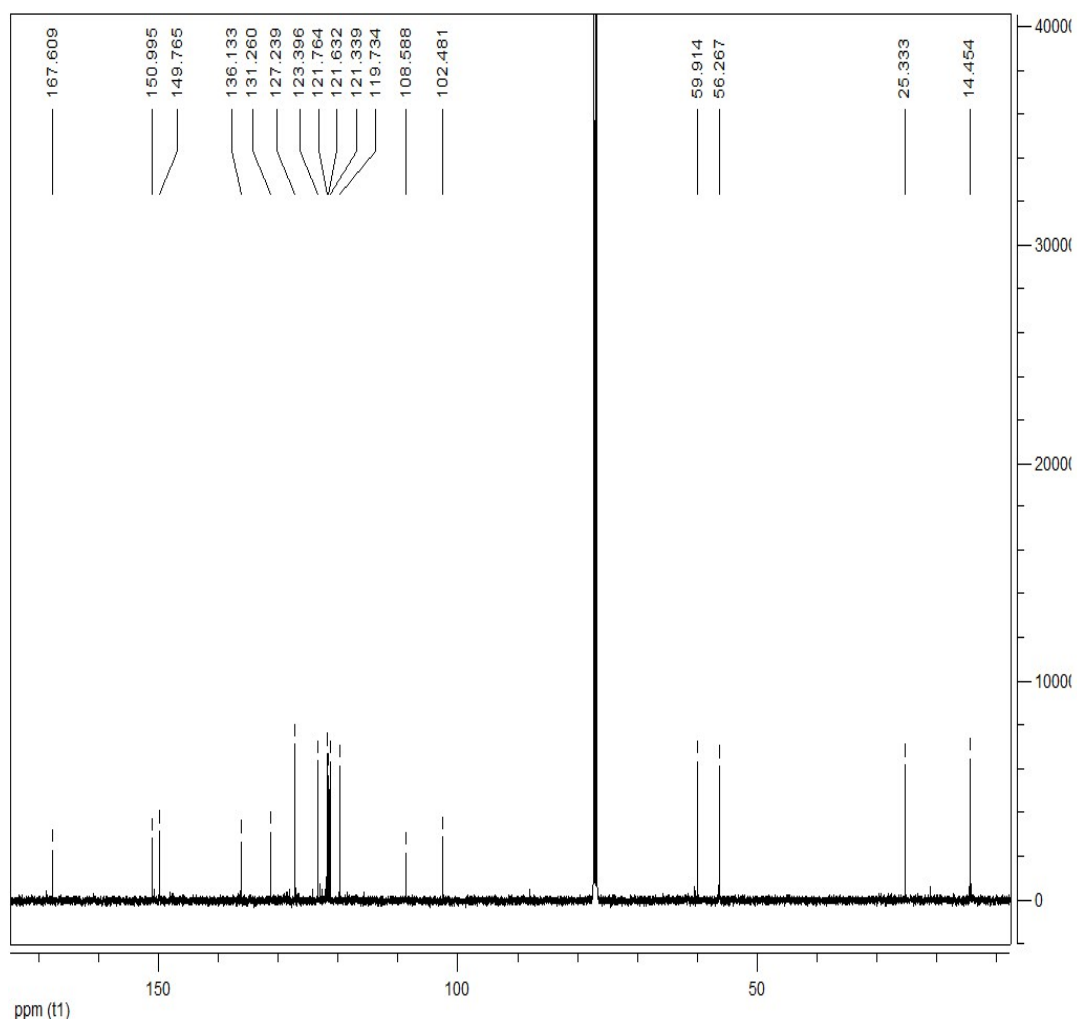


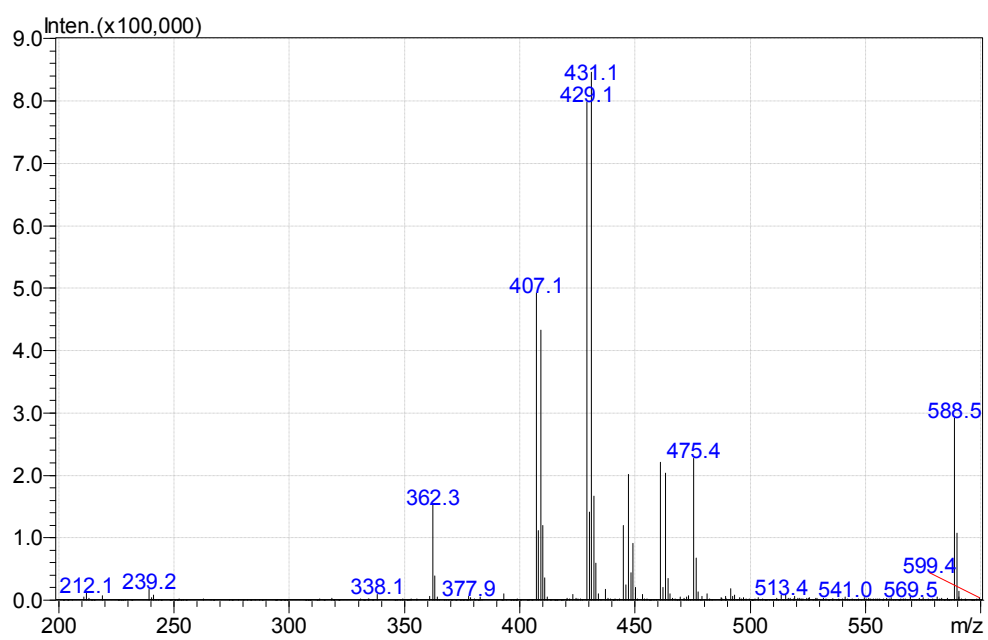
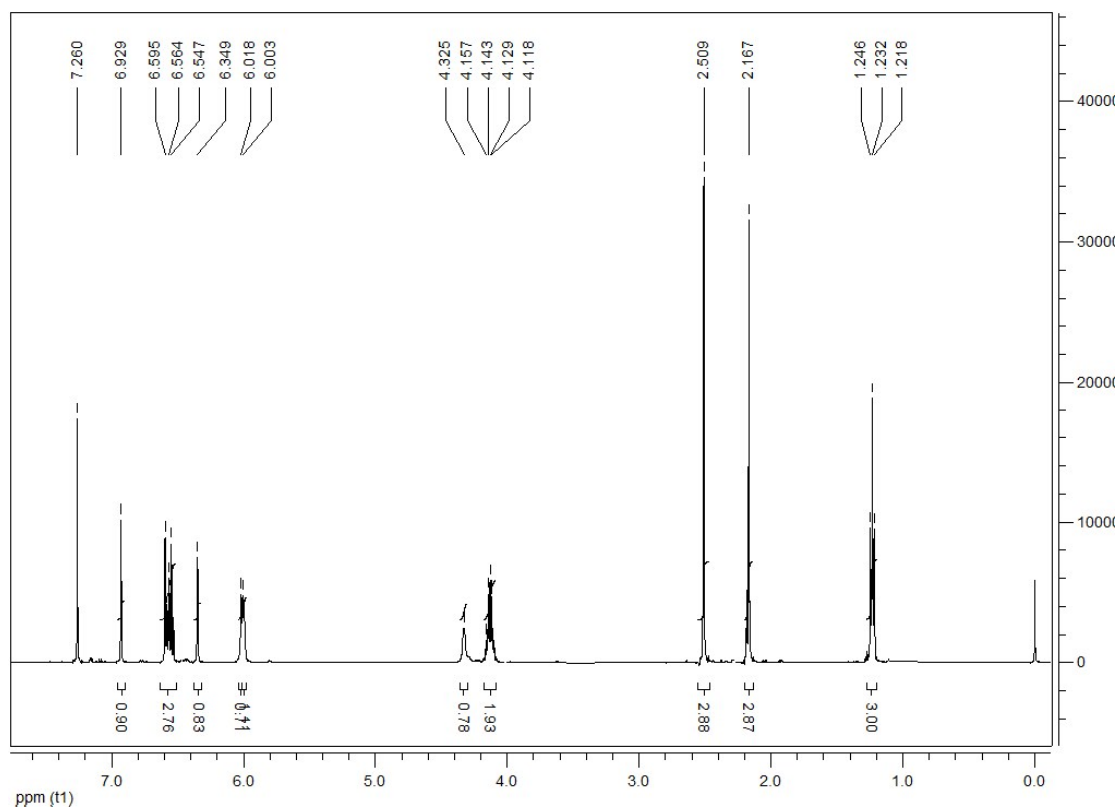
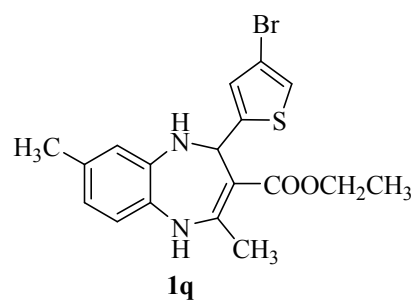


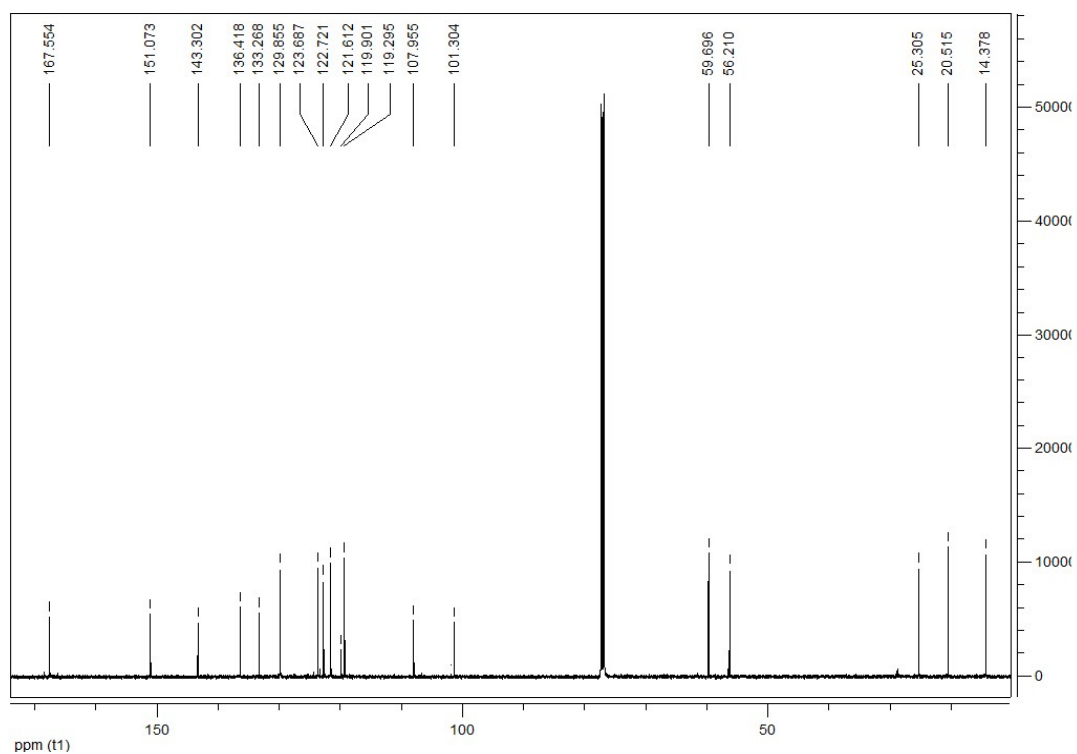


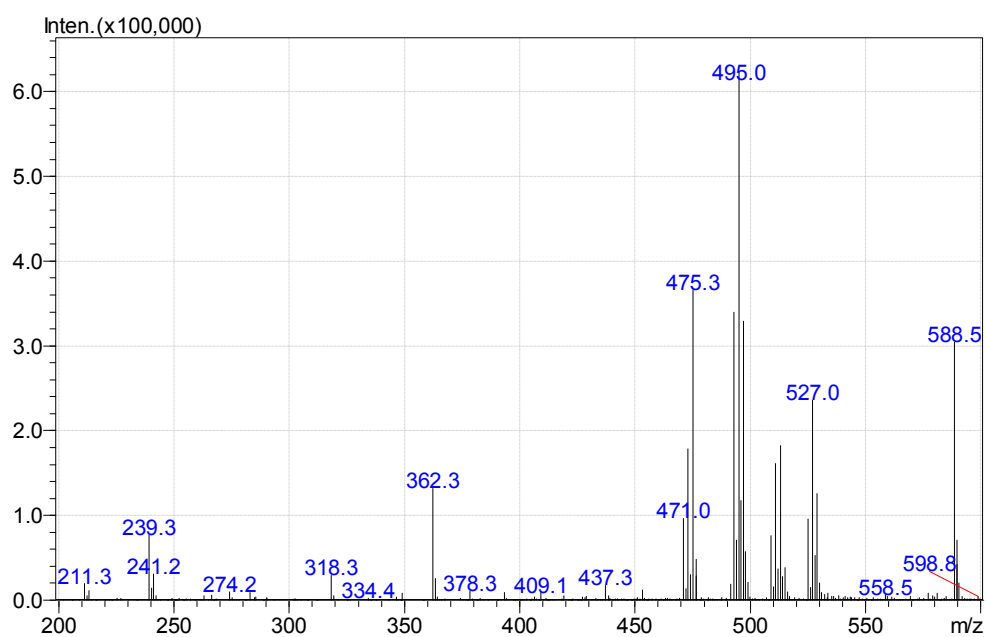
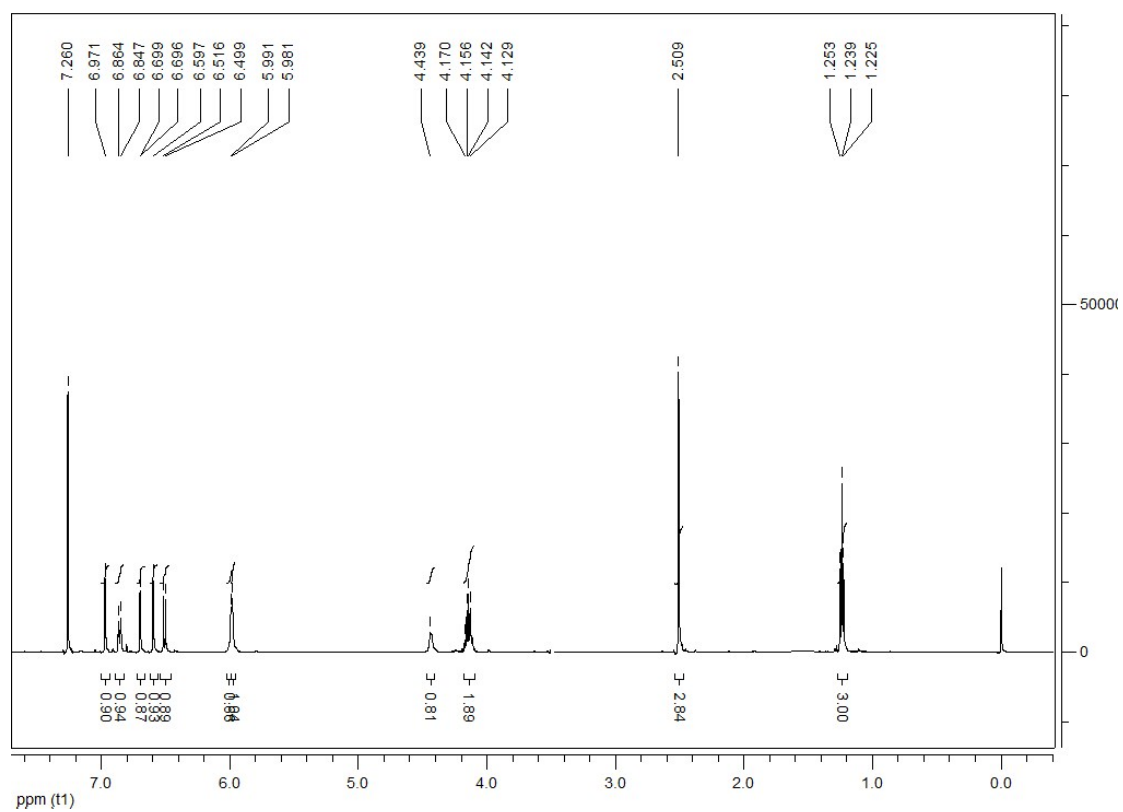
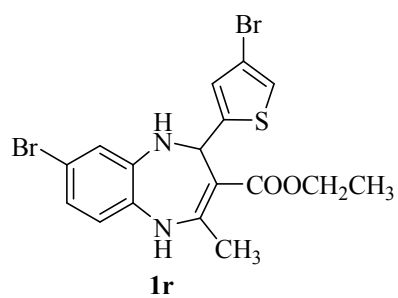


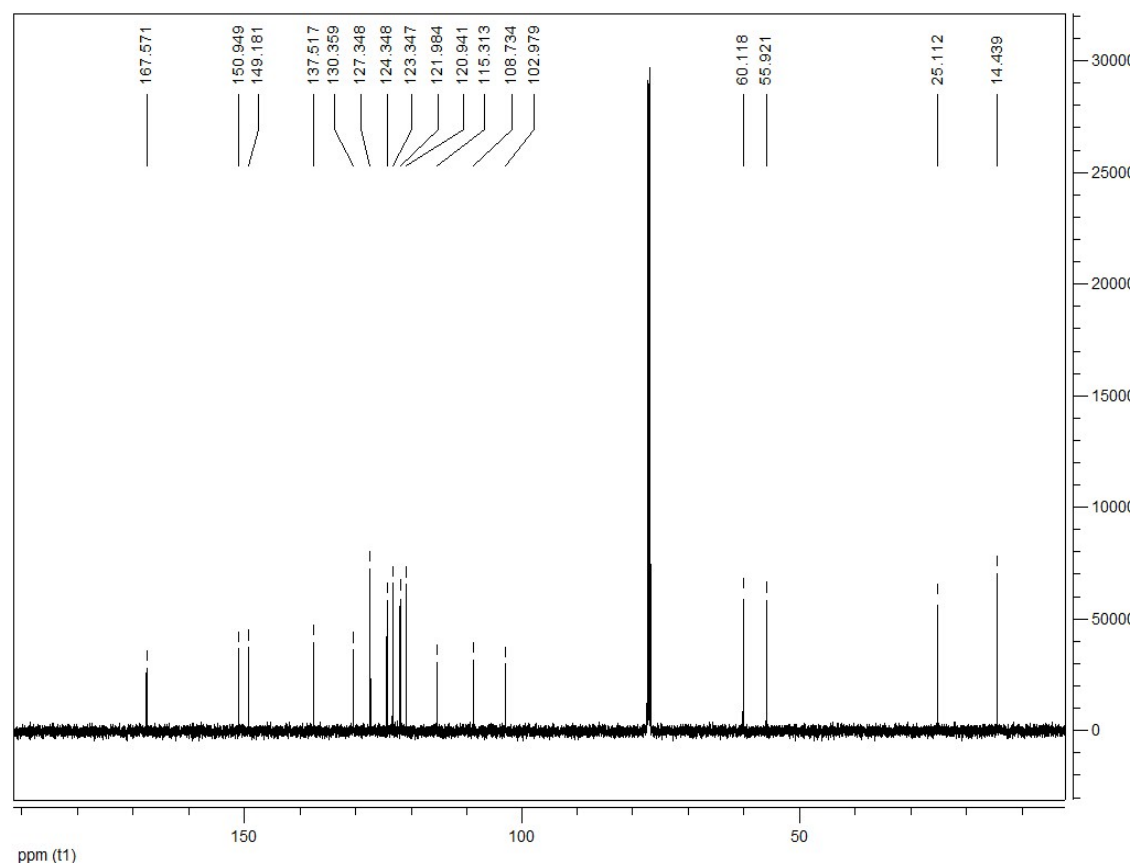


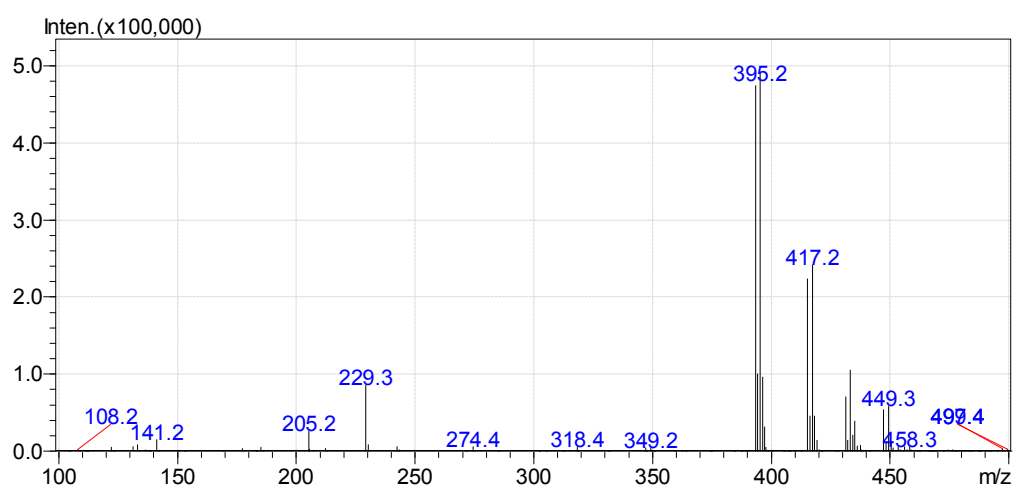
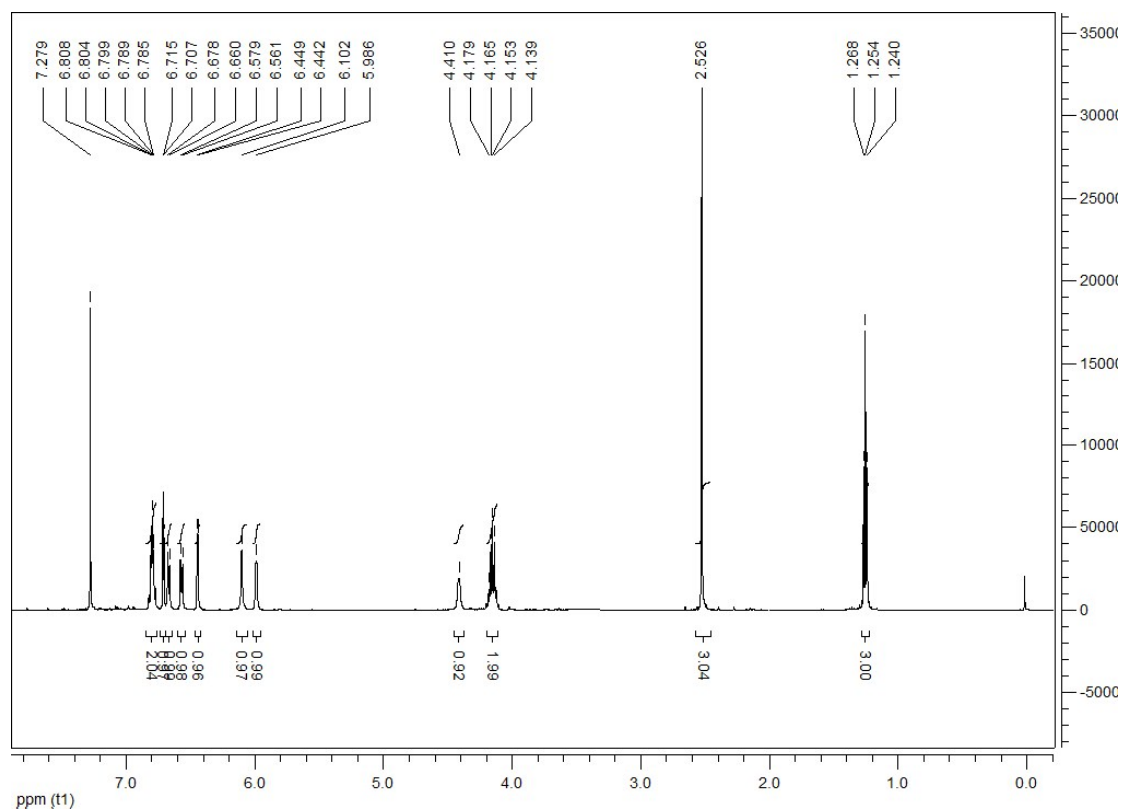
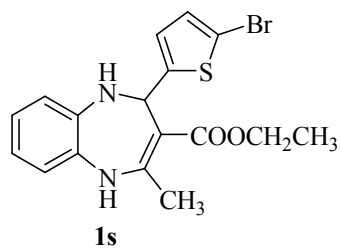


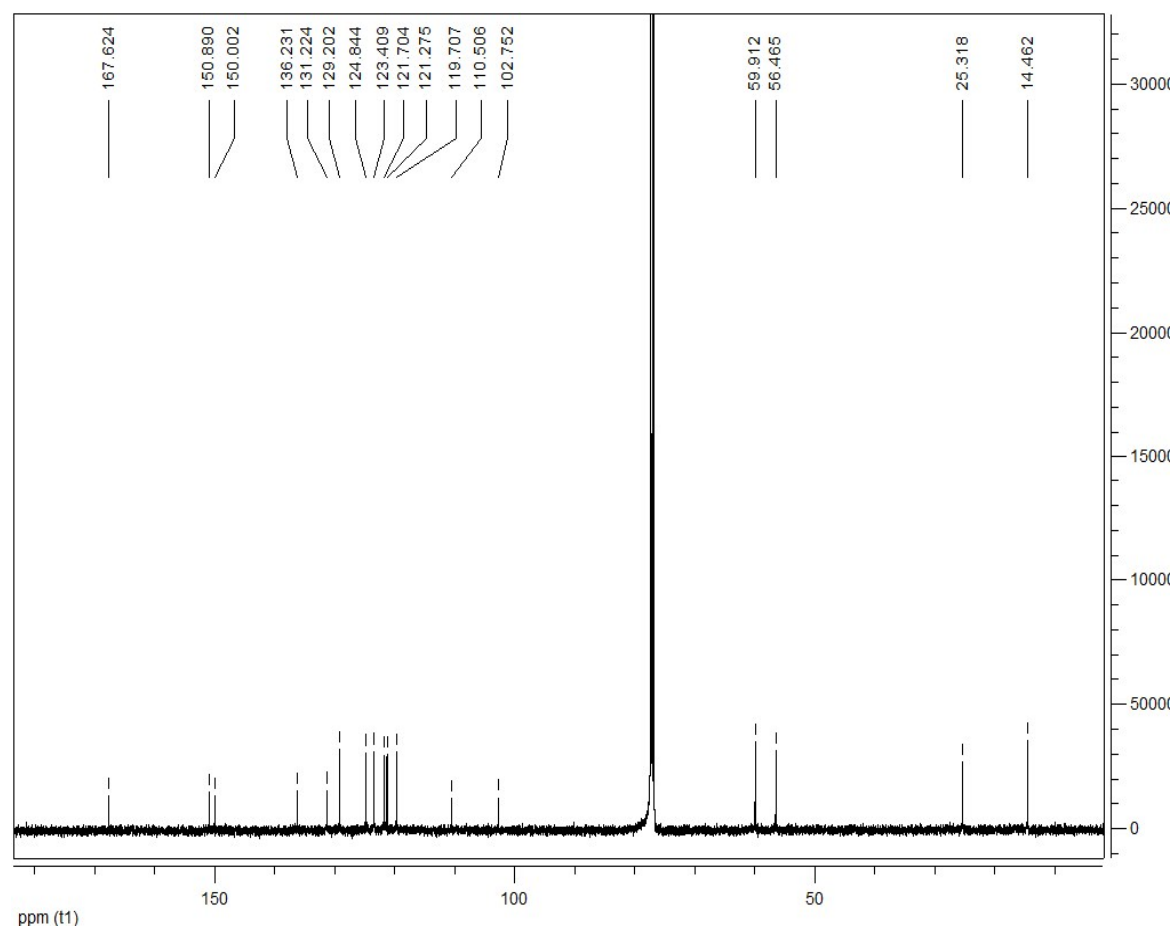


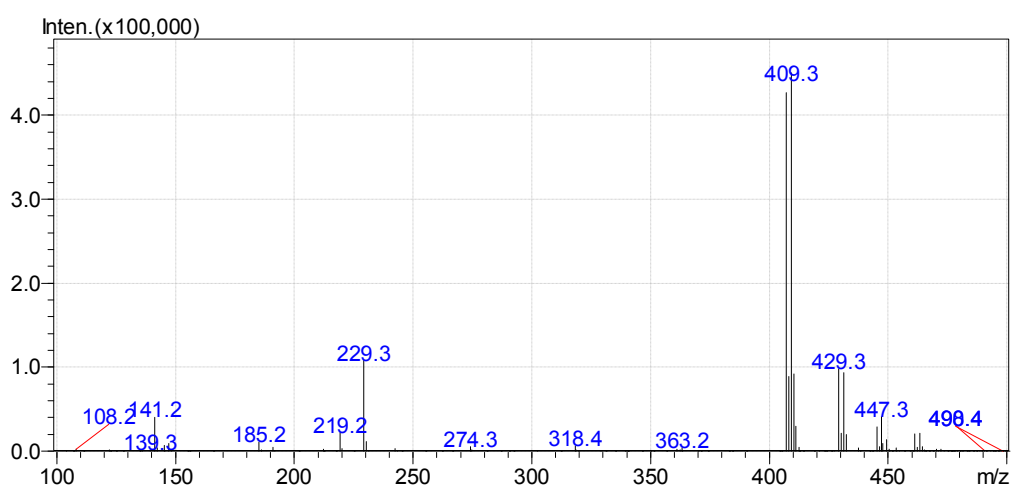
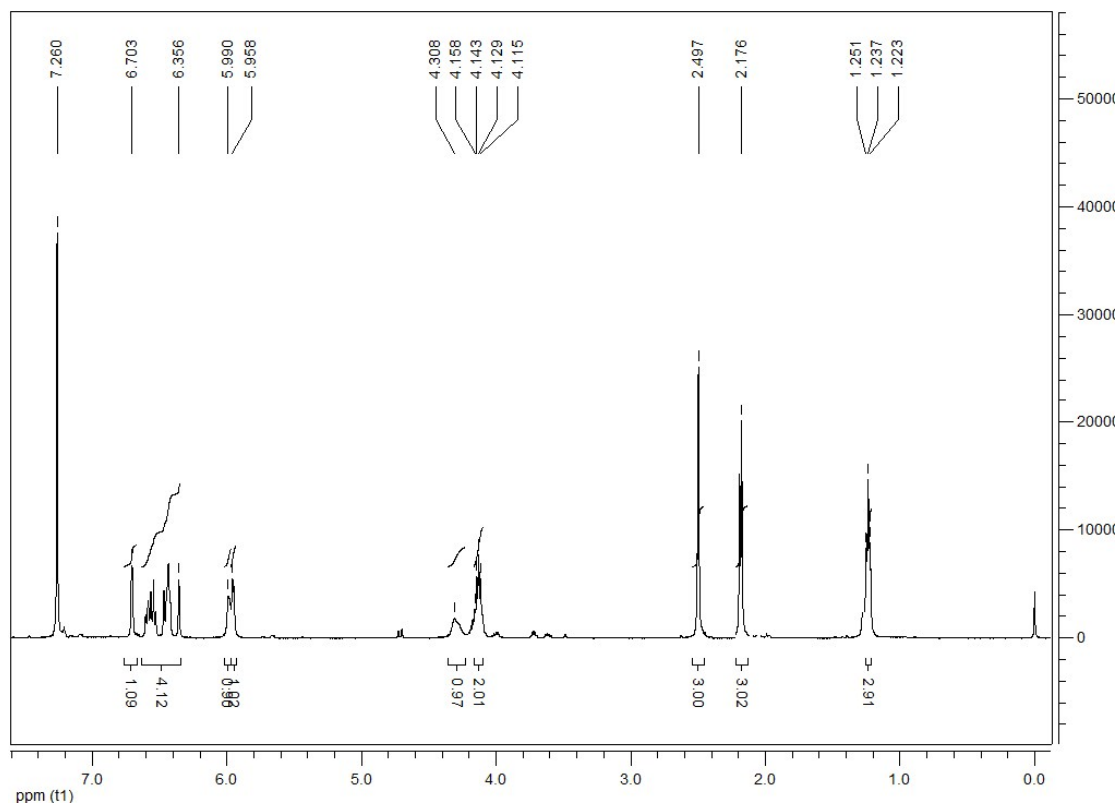
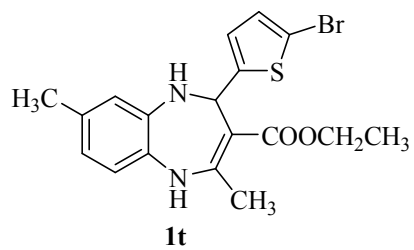


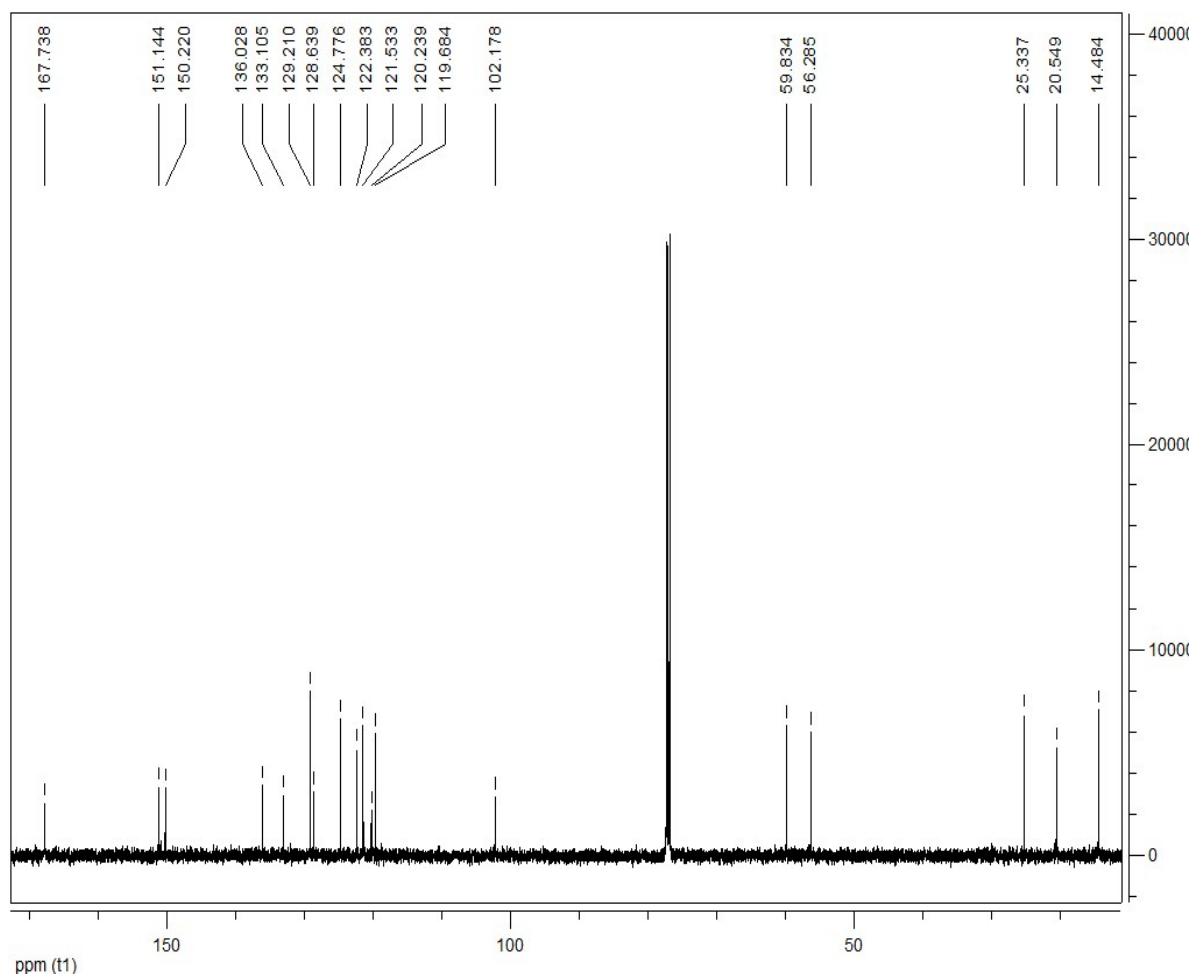


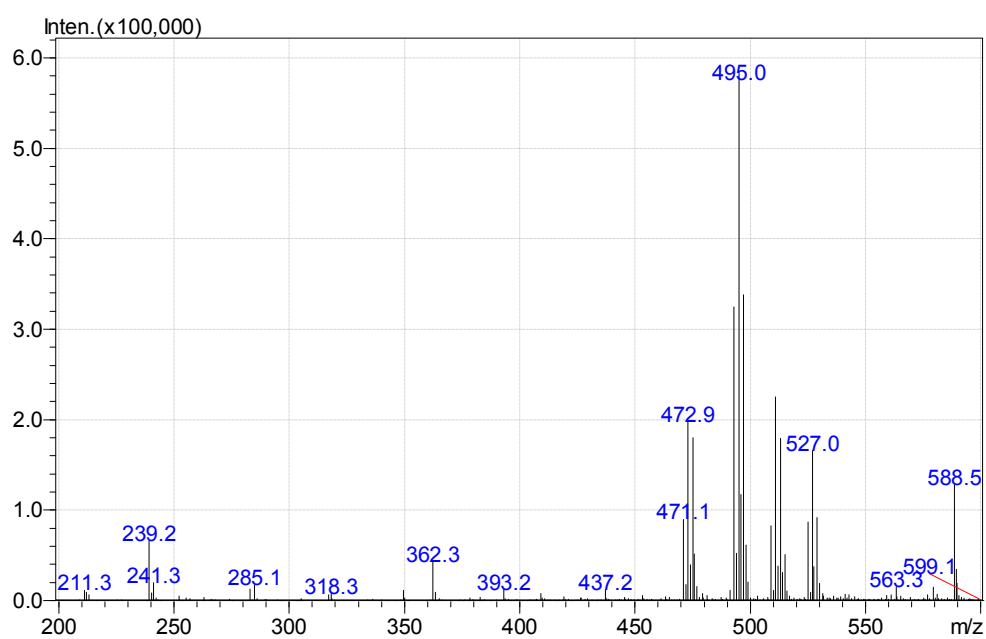
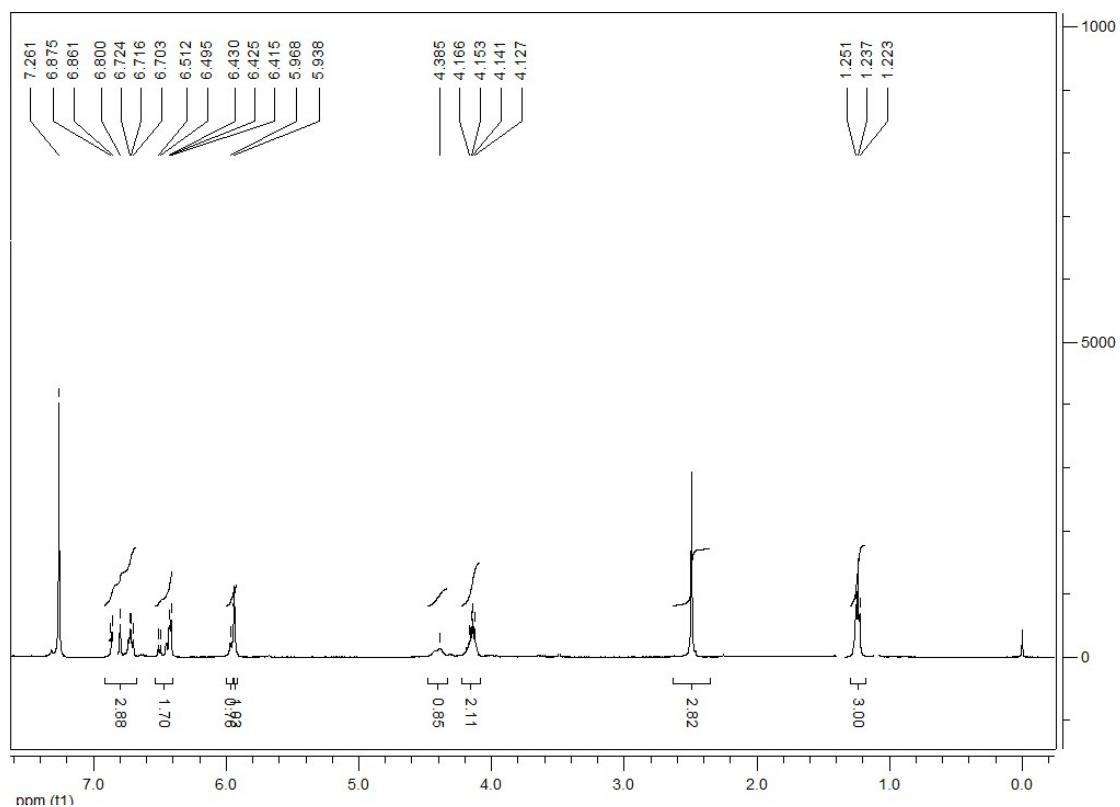
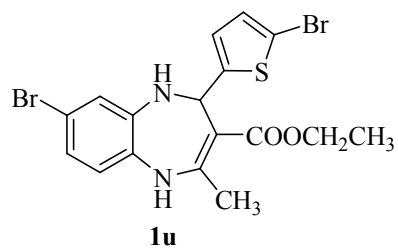


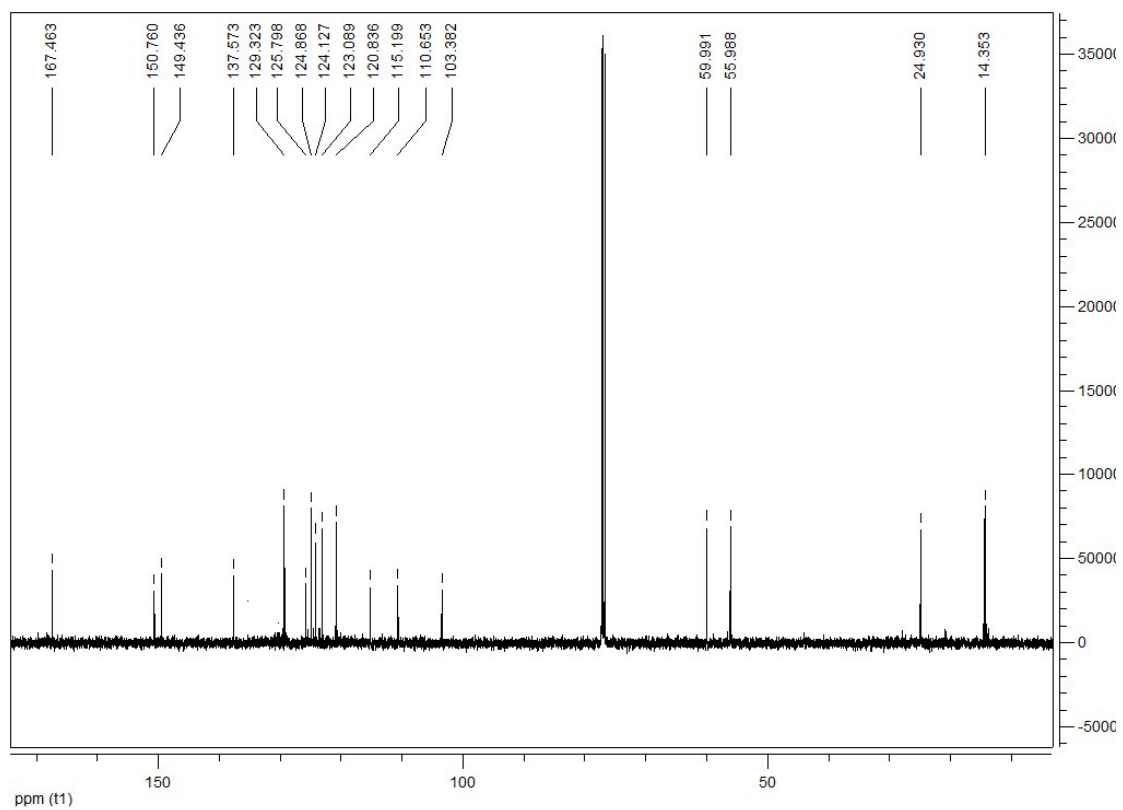


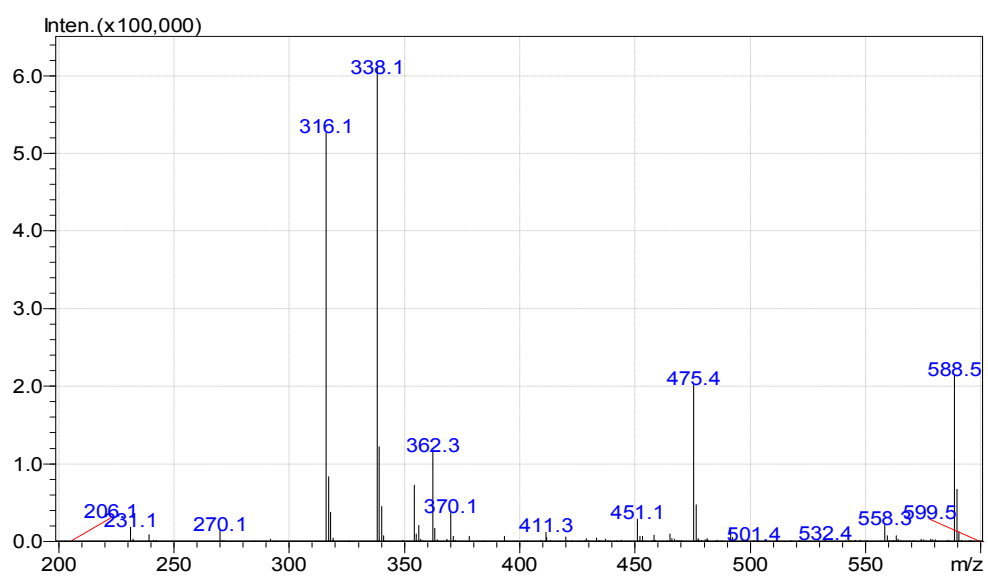
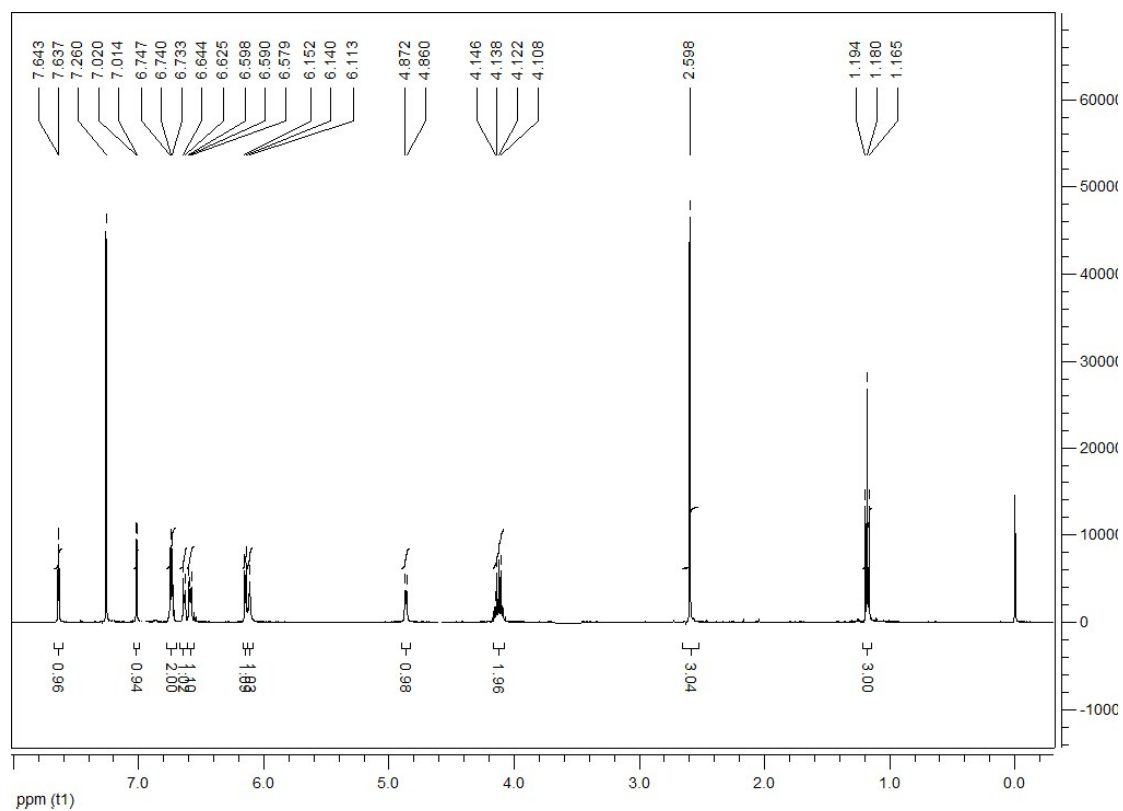
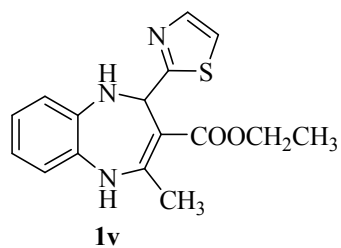


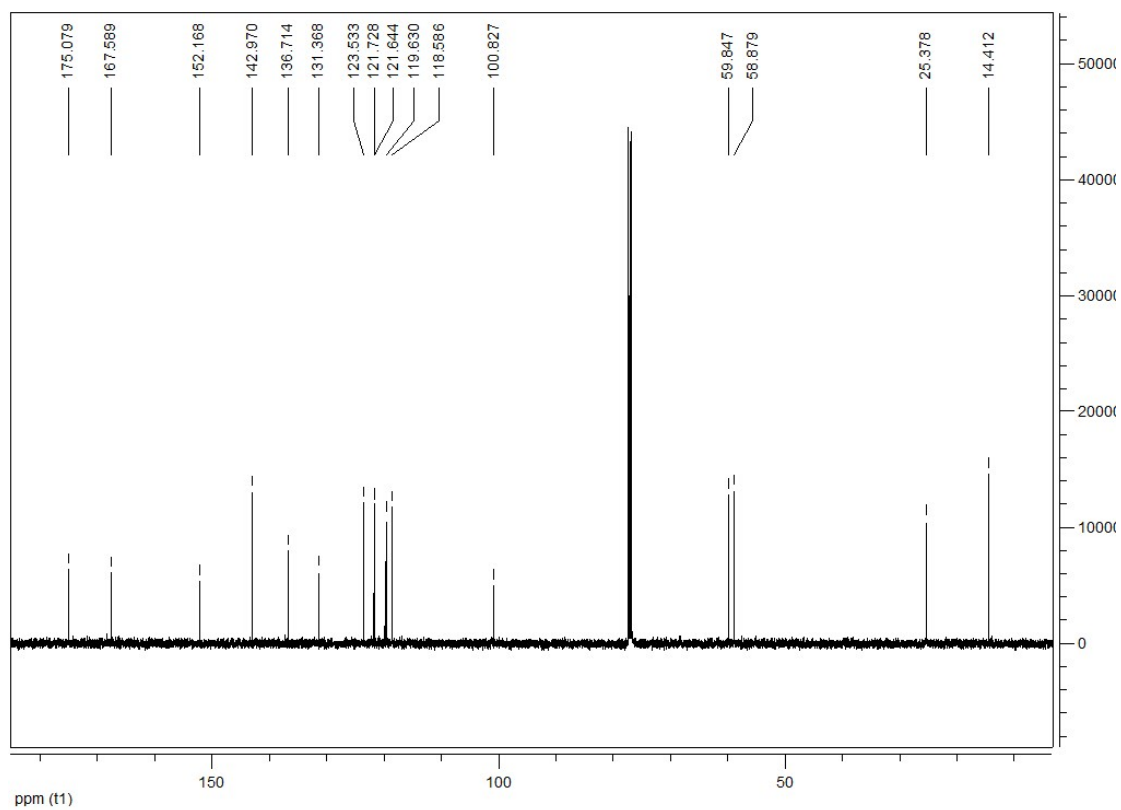


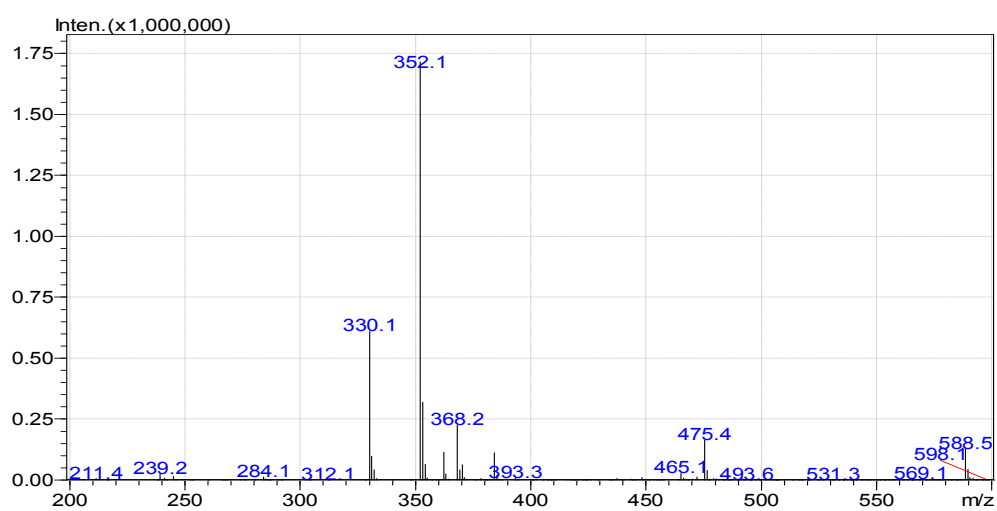
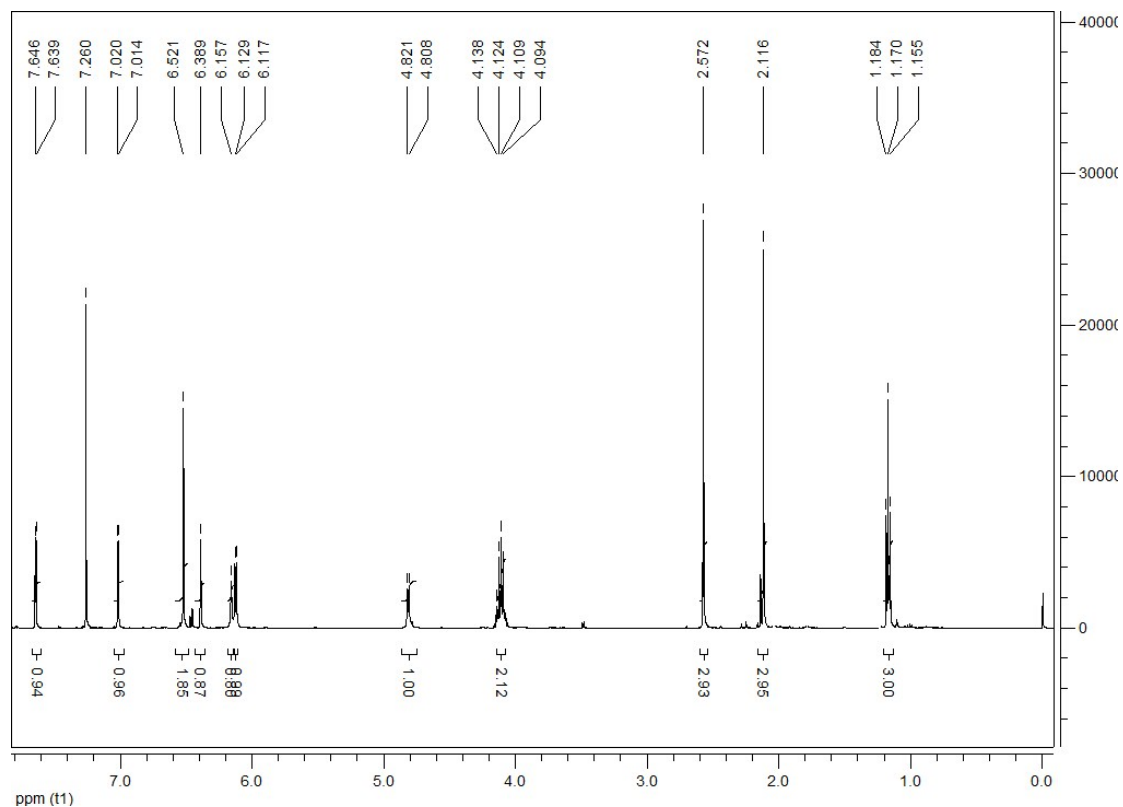
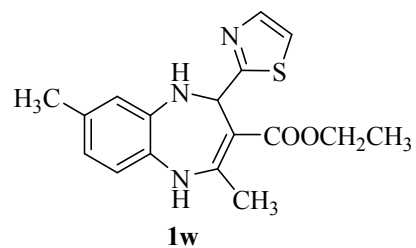


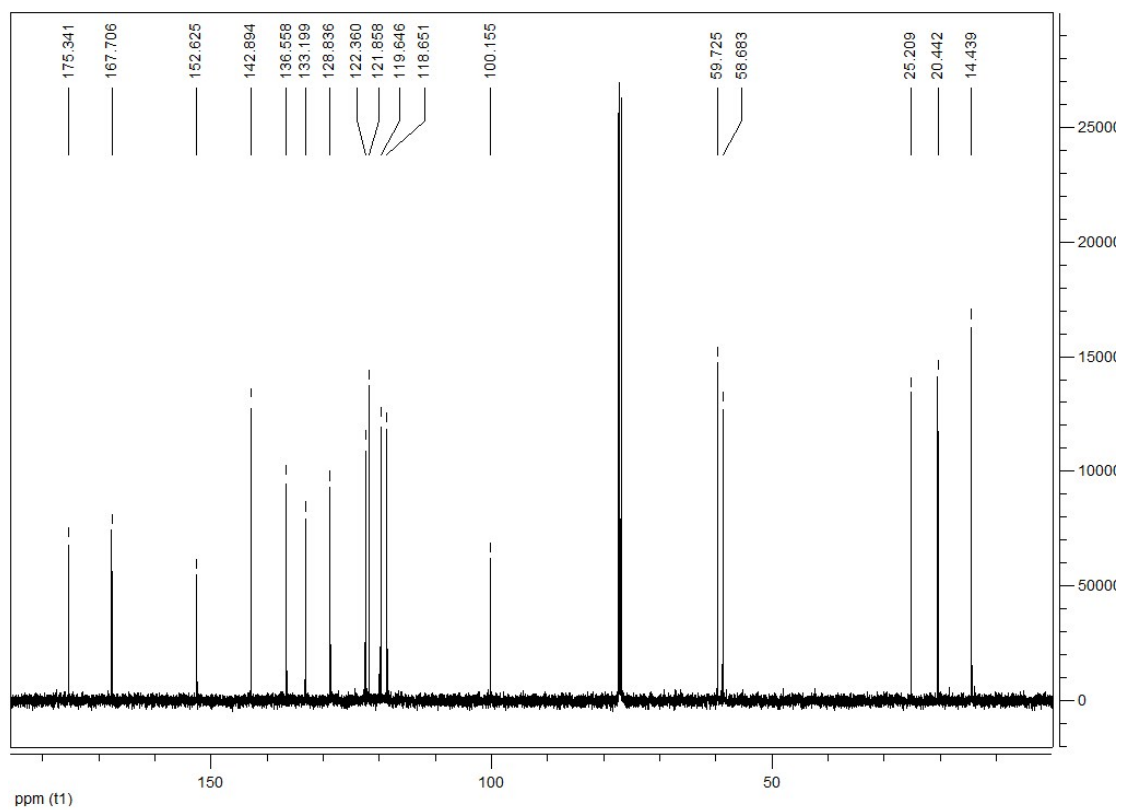


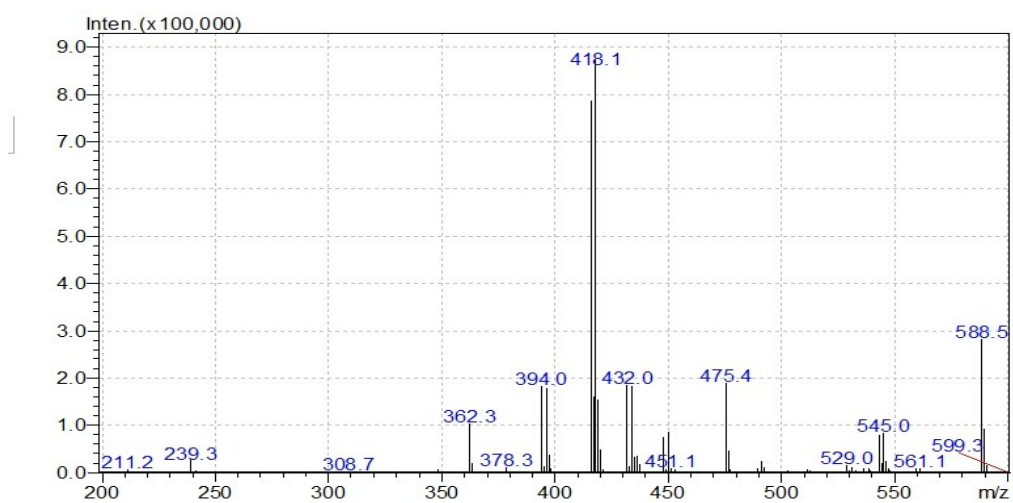
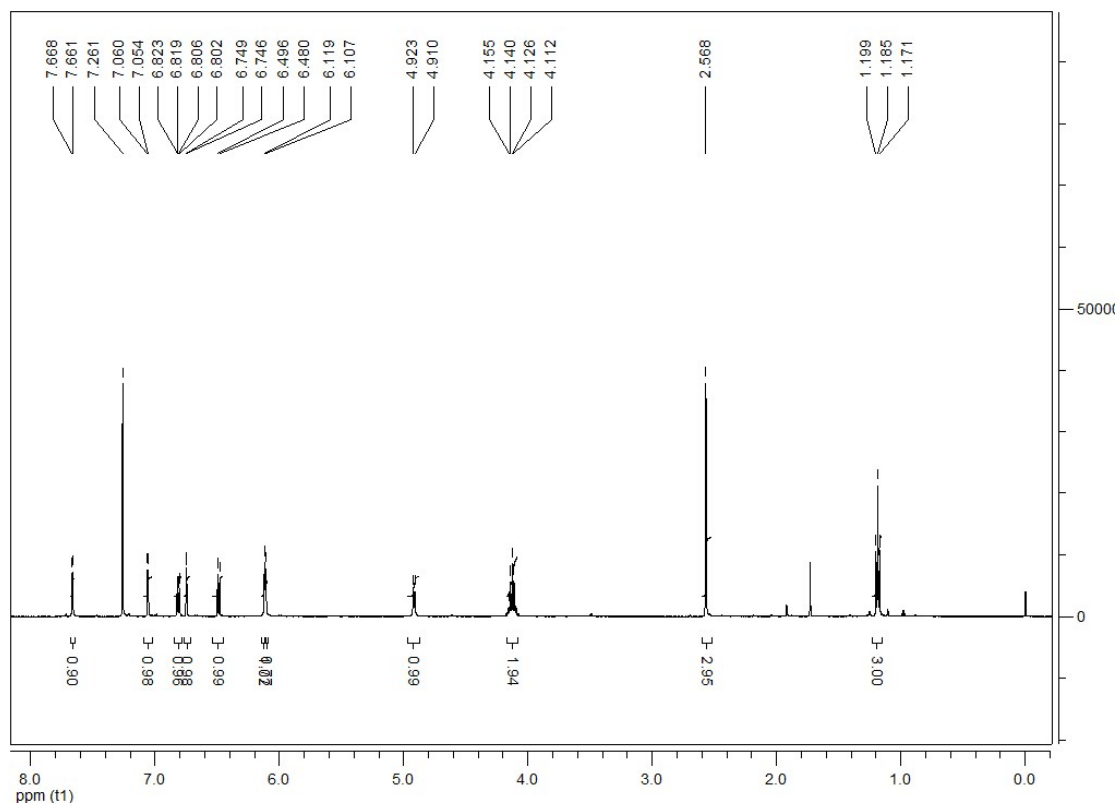
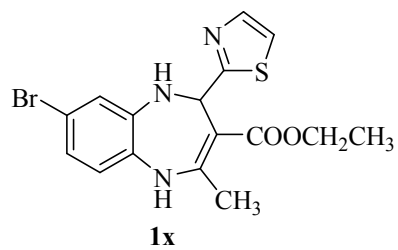


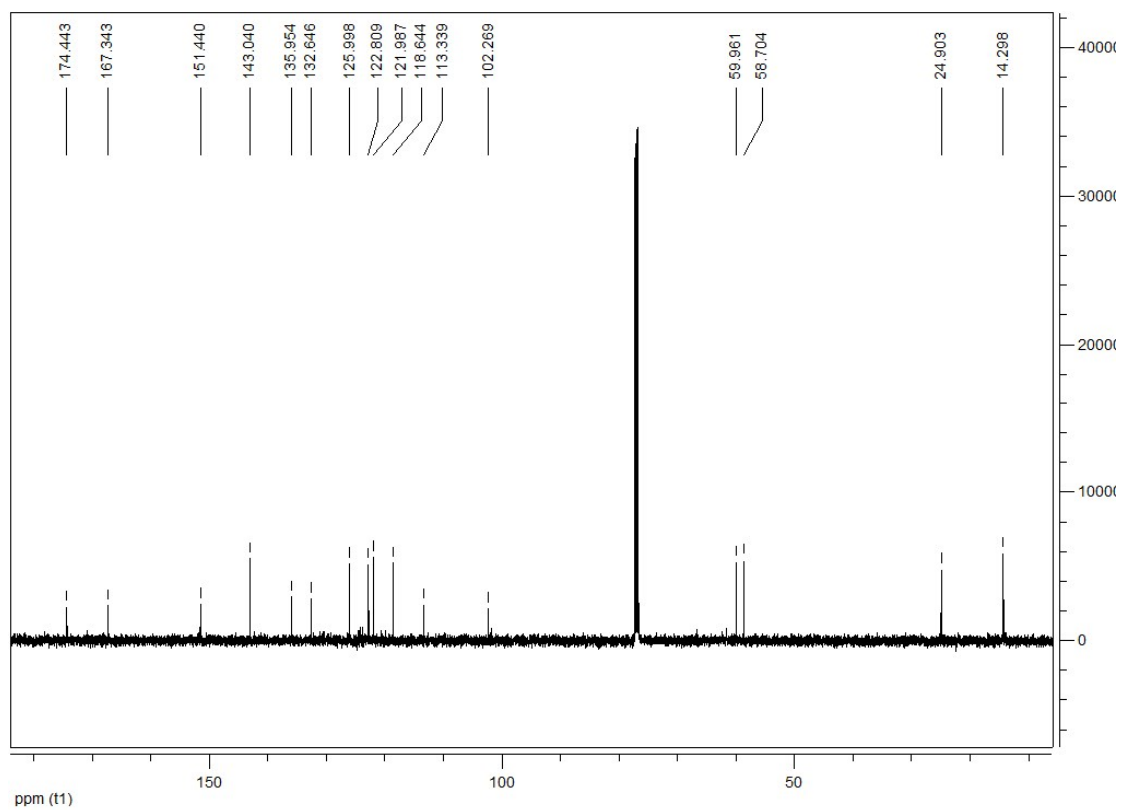


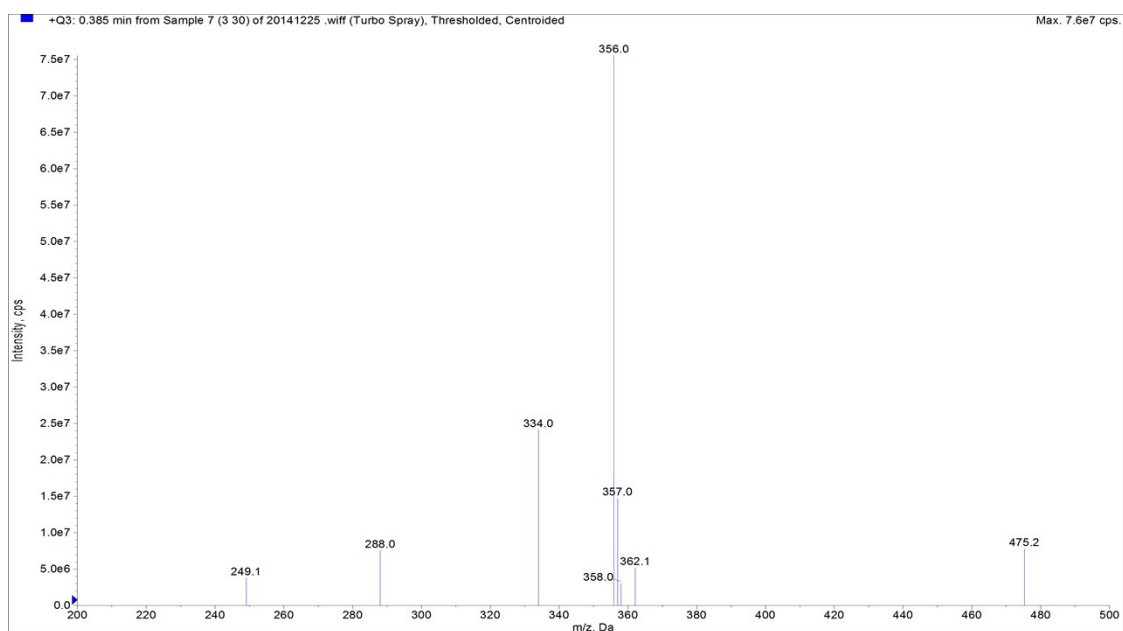
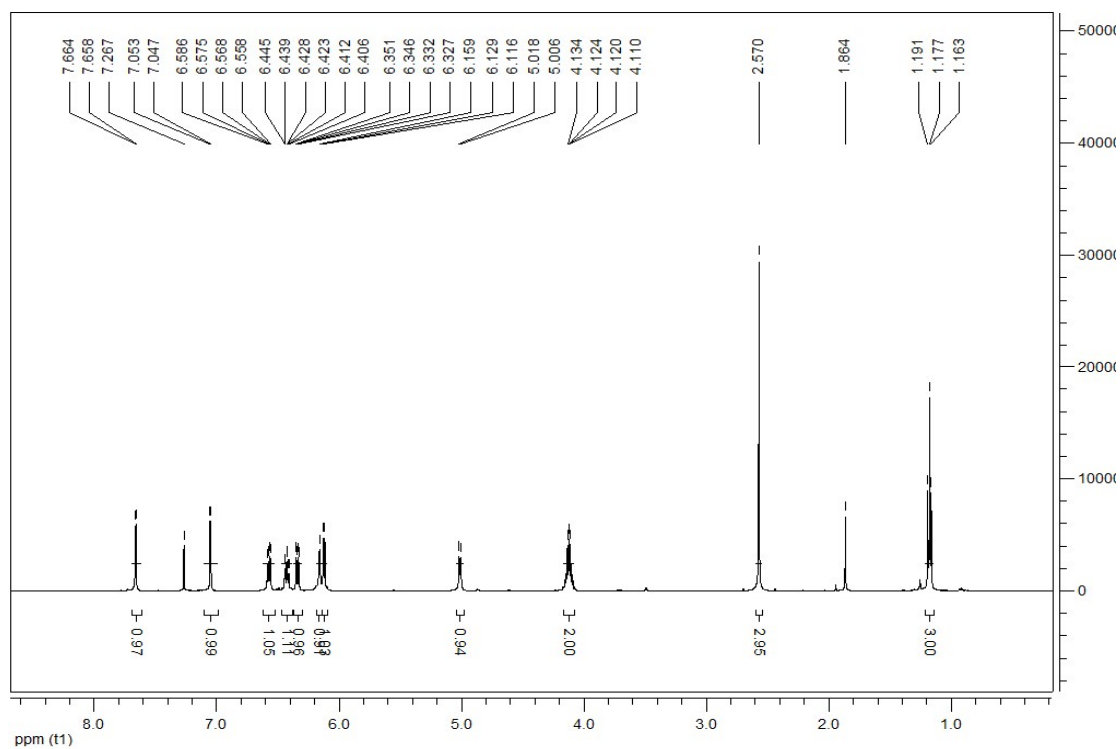
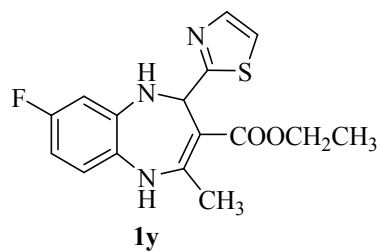


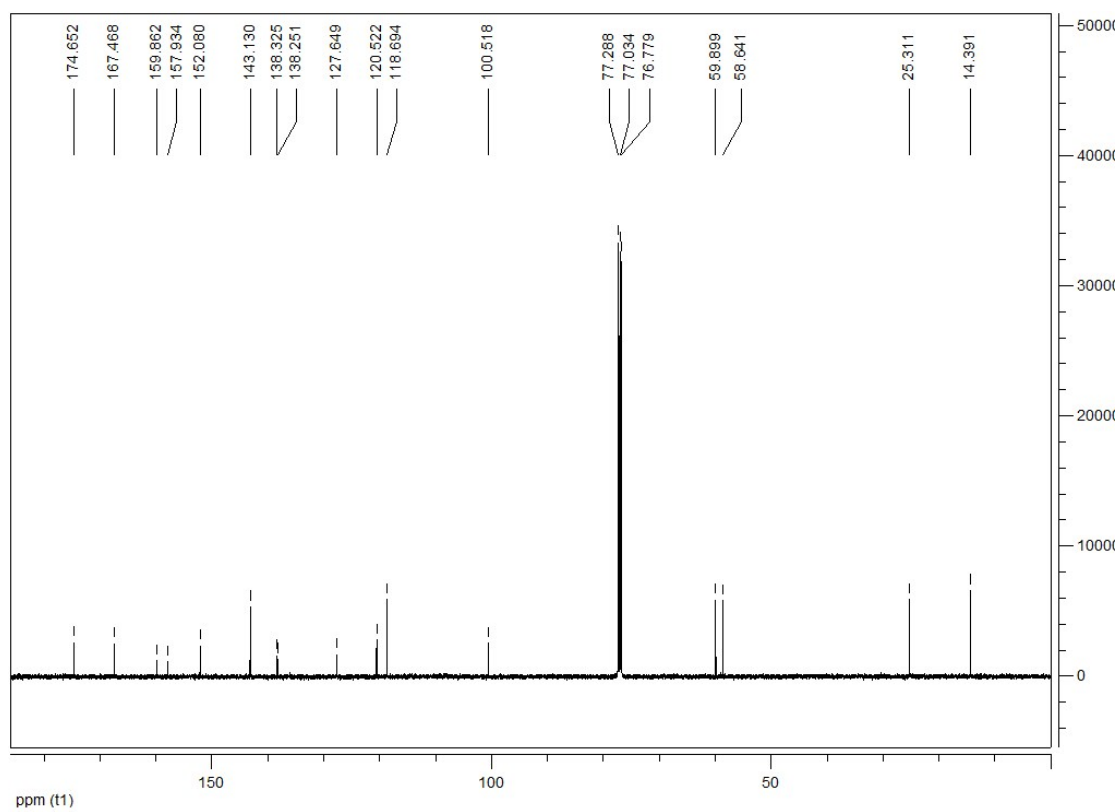


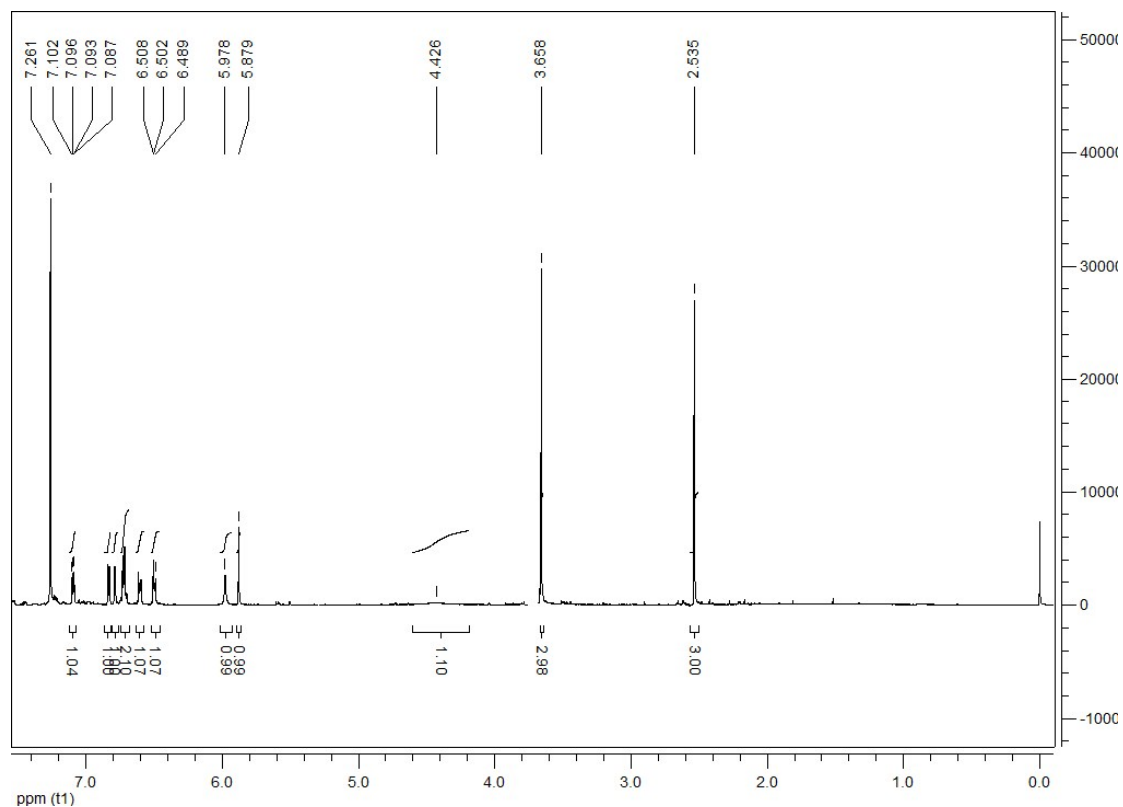
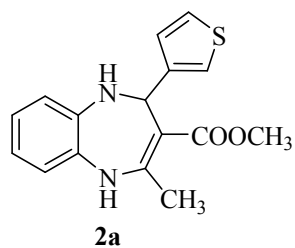










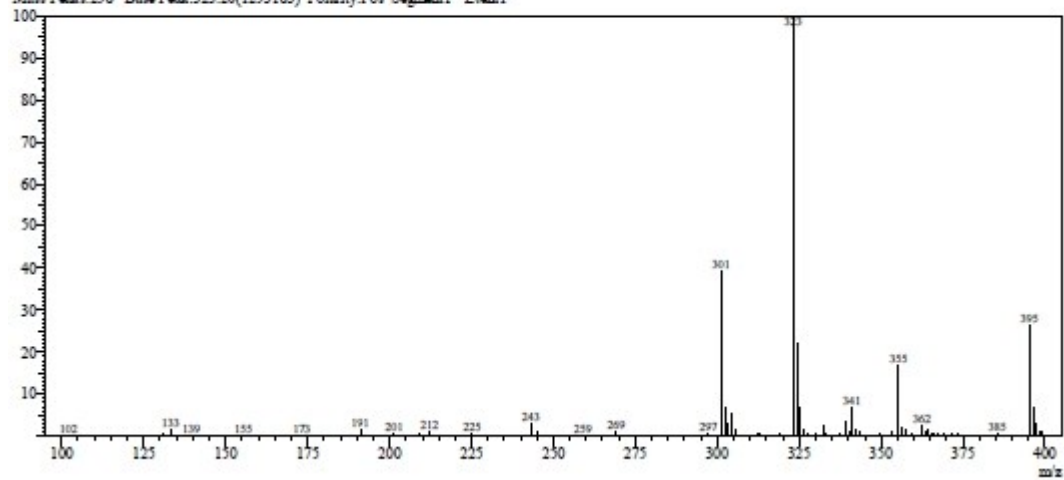


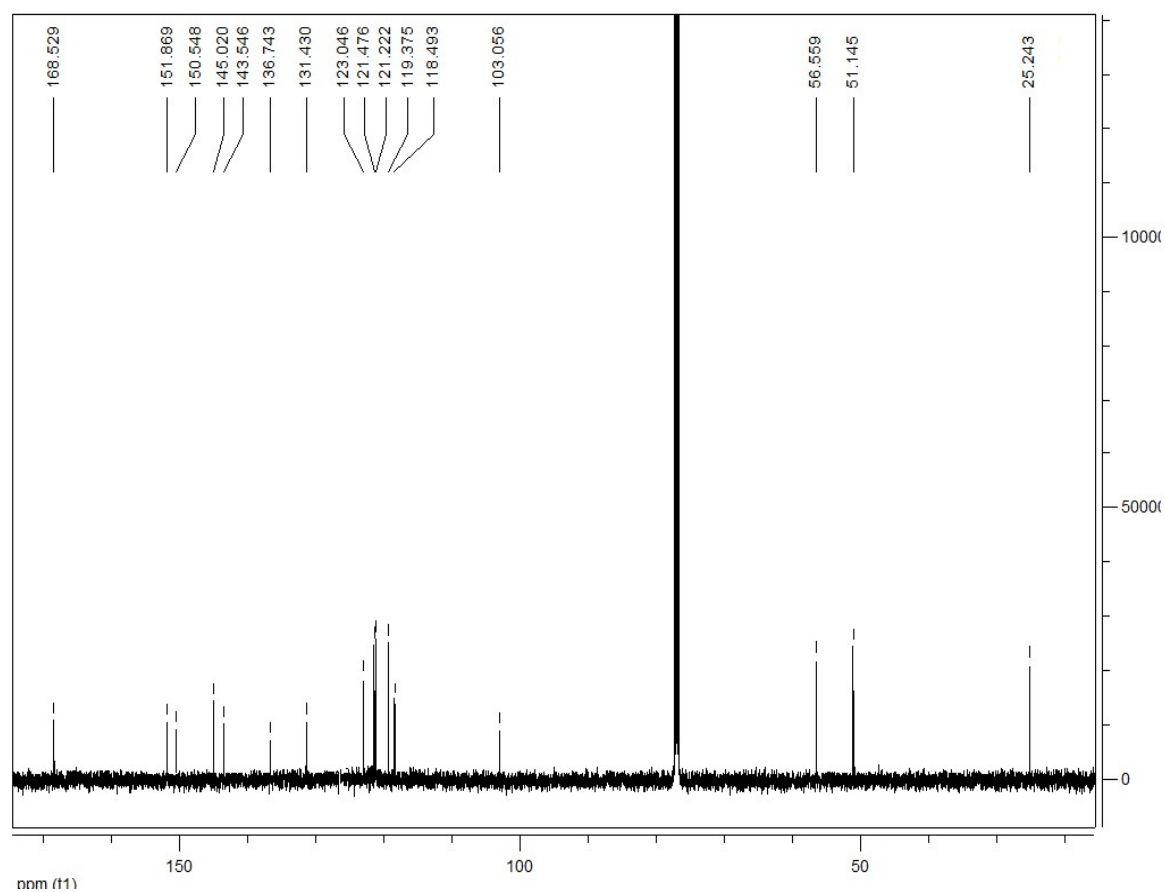
MS Spectrum Graph

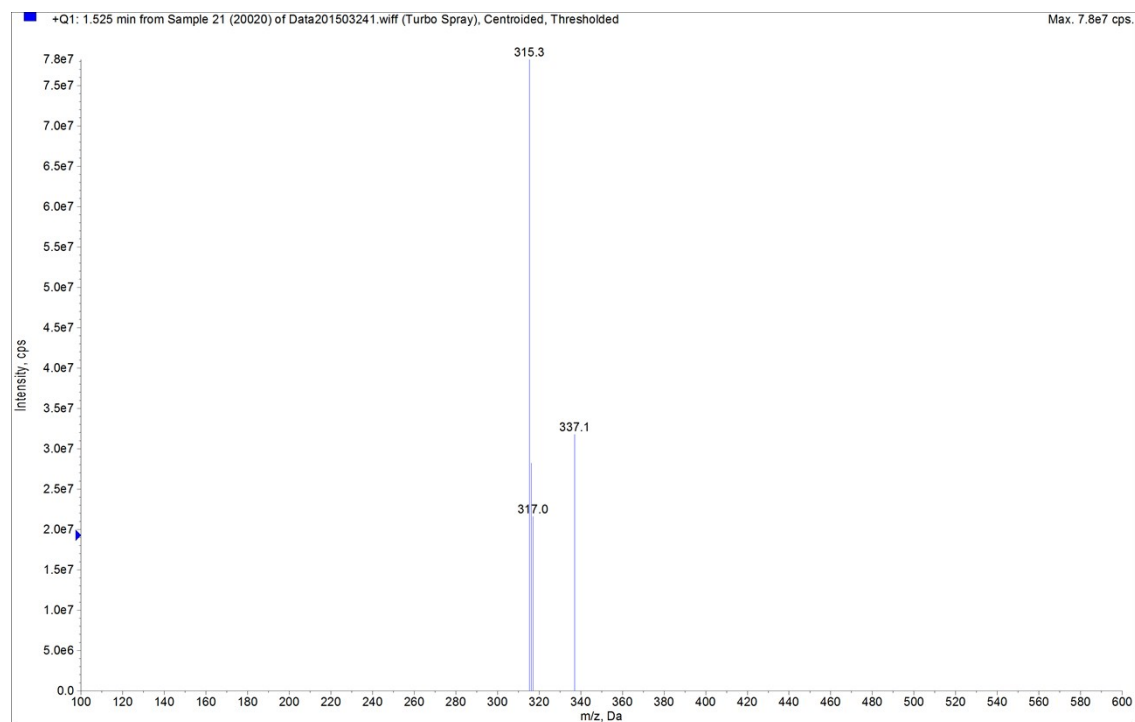
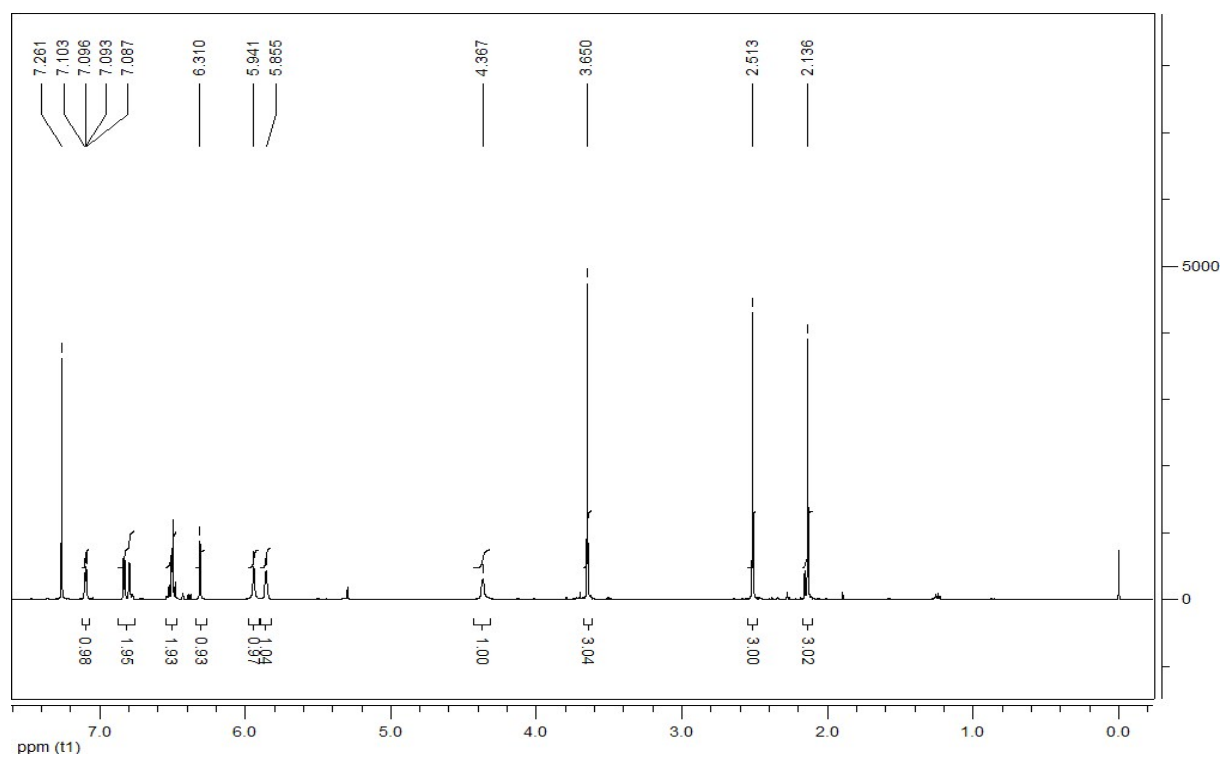
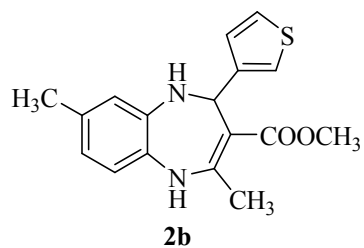
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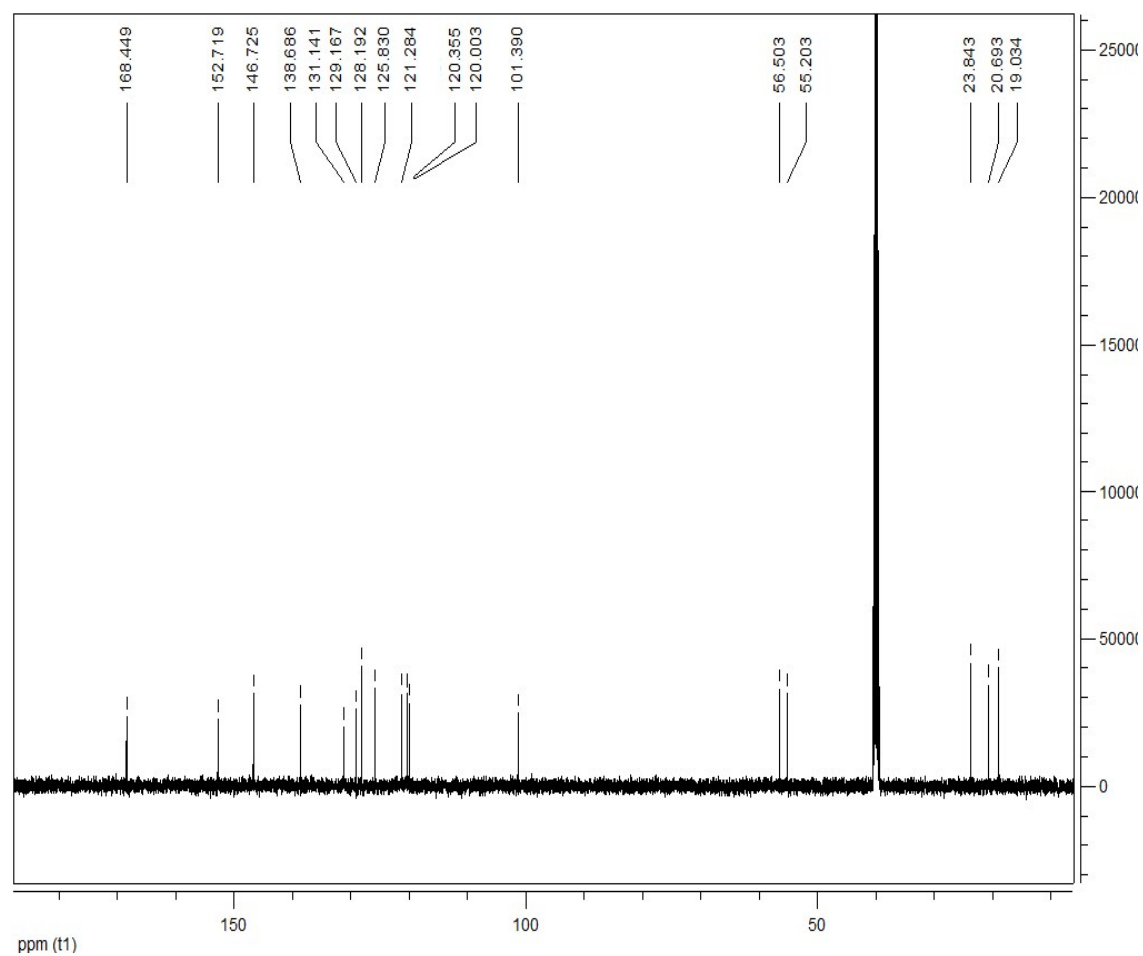
B/G Mode: 7

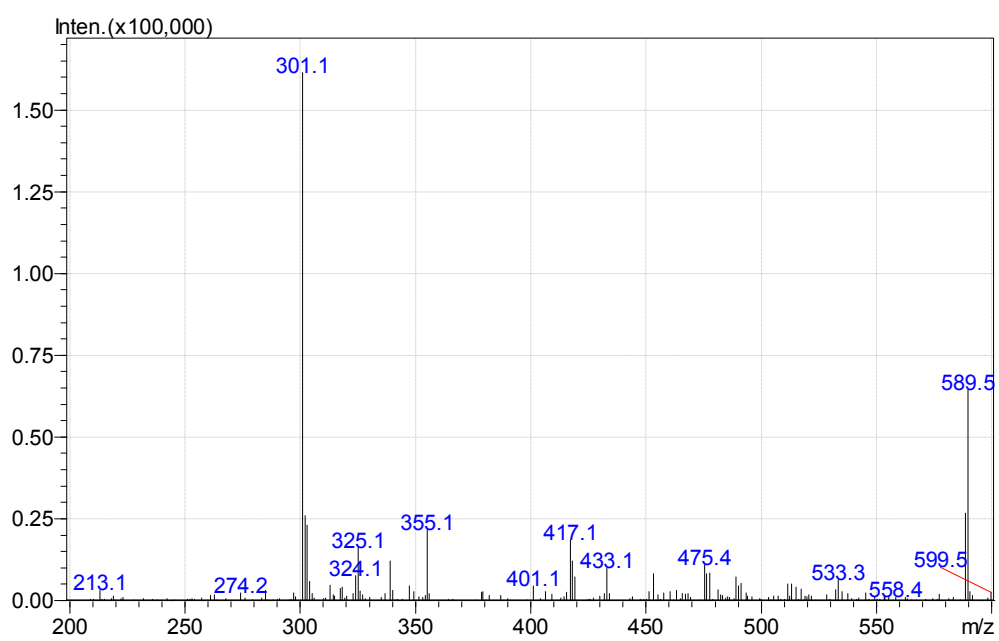
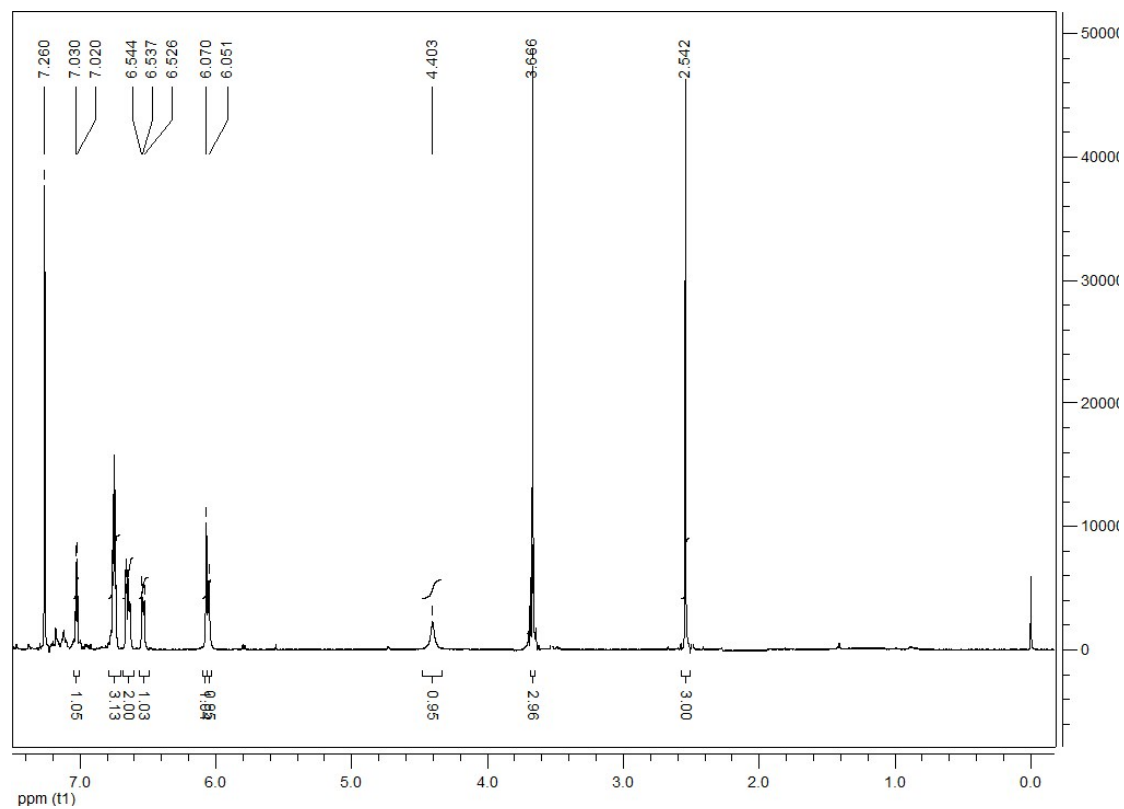
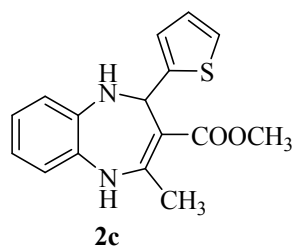
Mass Peaks: 296 Base Peak: 323.20 (1293183) Polarity: Pos Segment: 1 - Event: 1

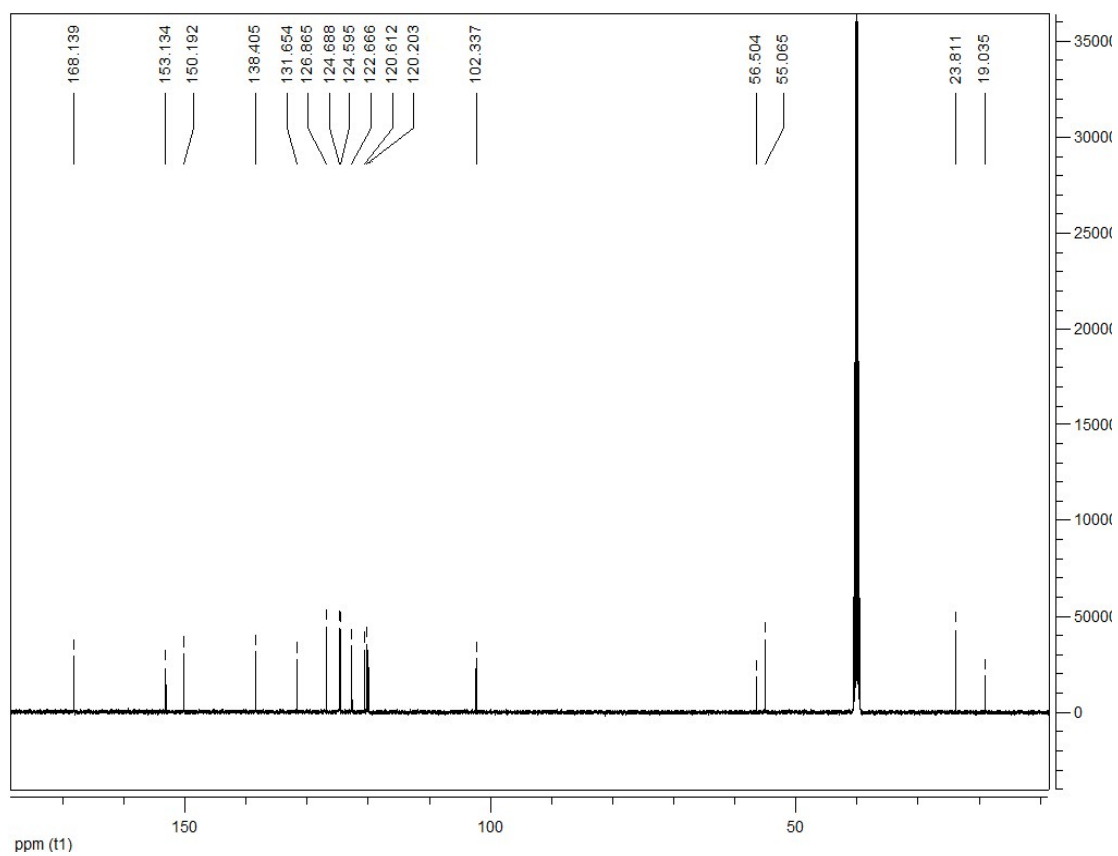


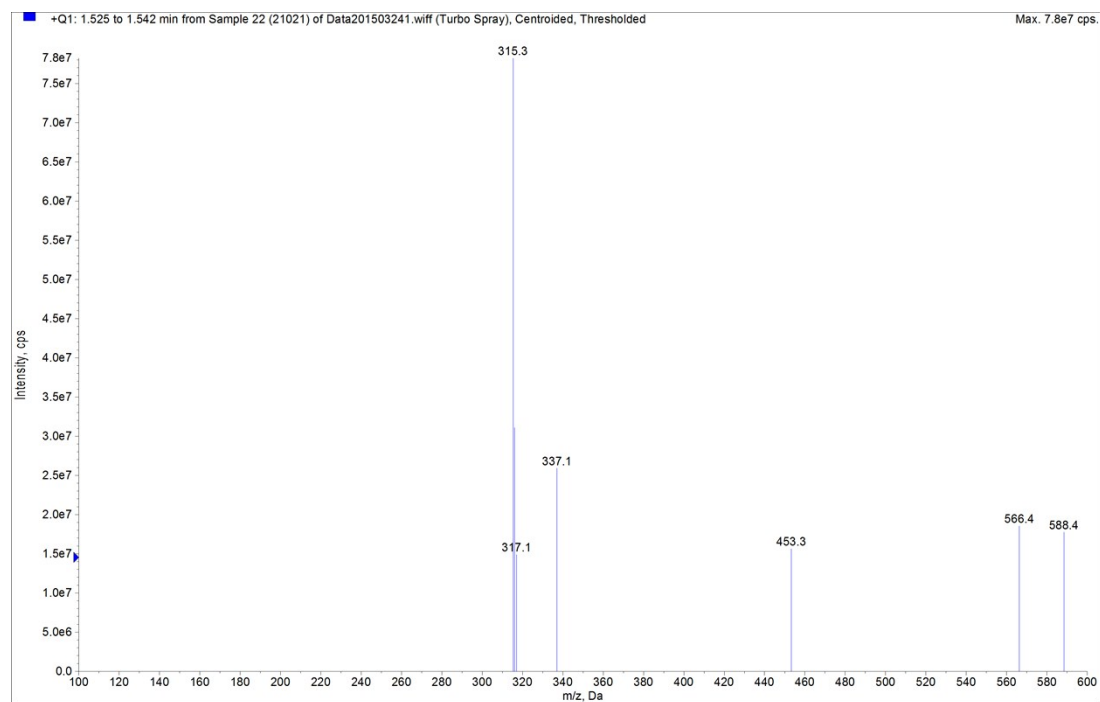
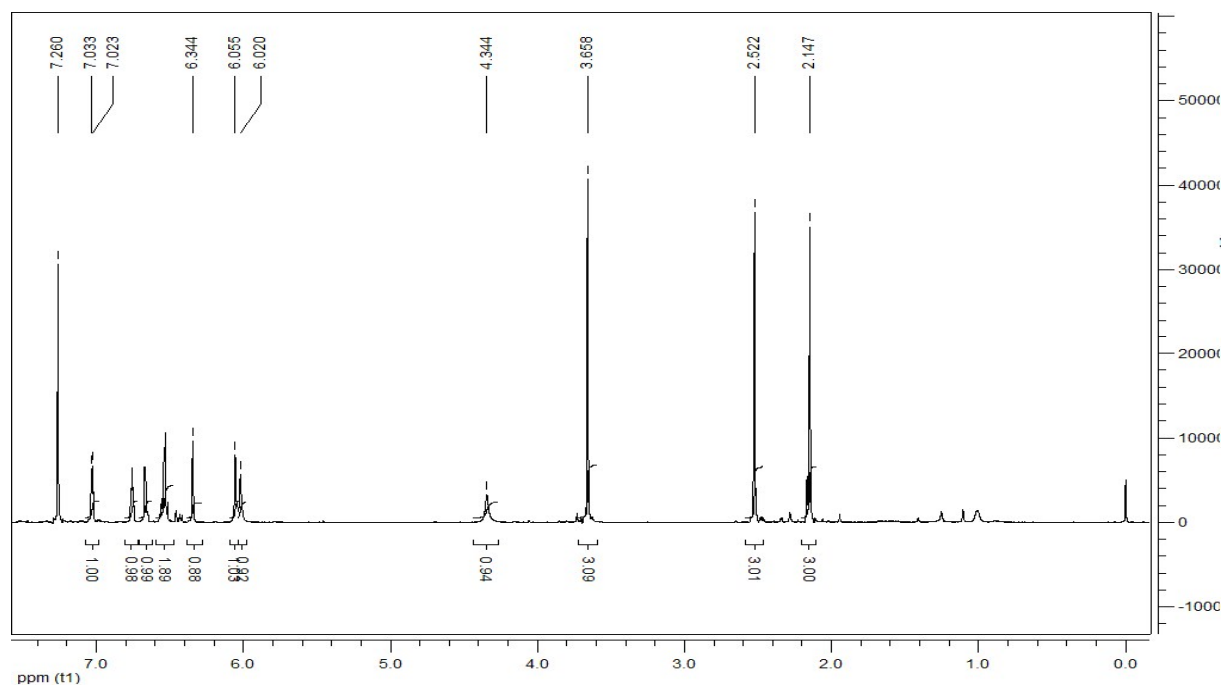
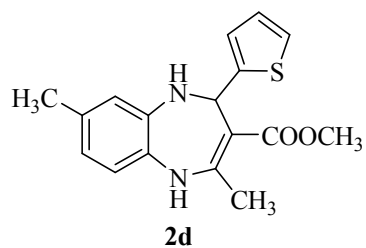


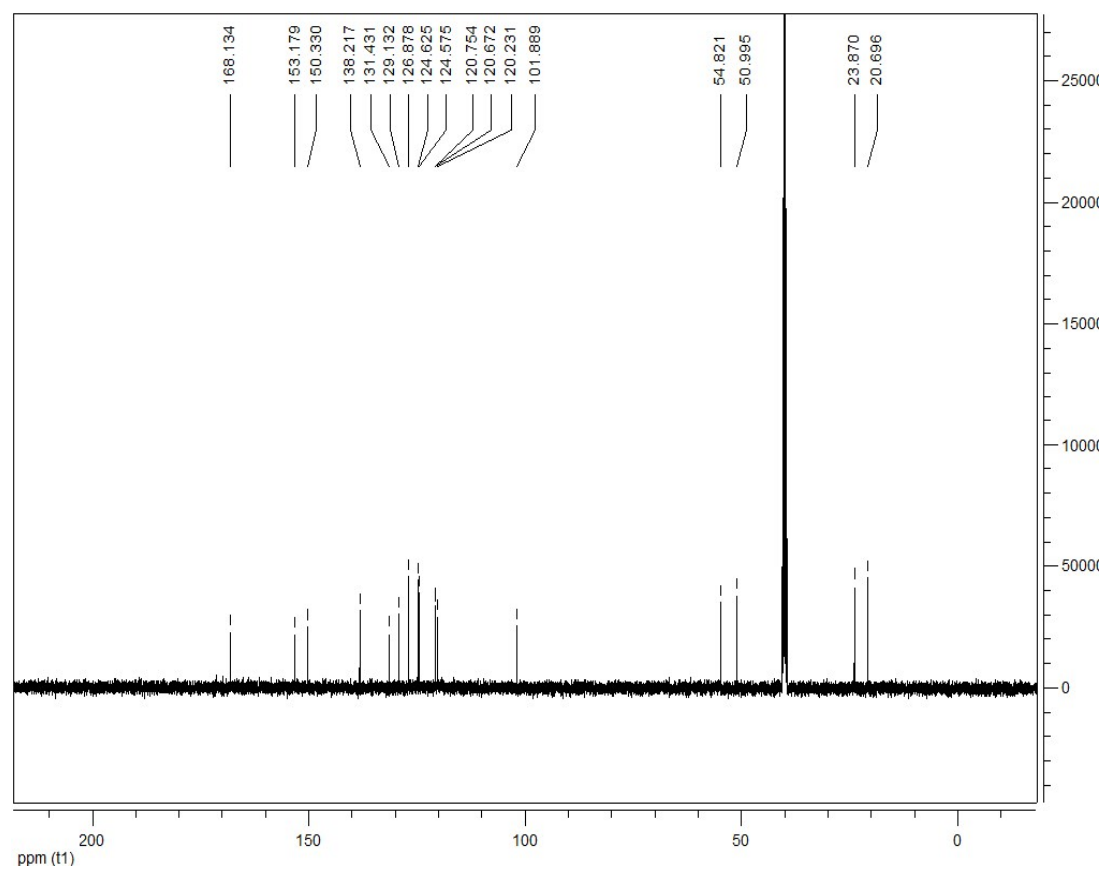


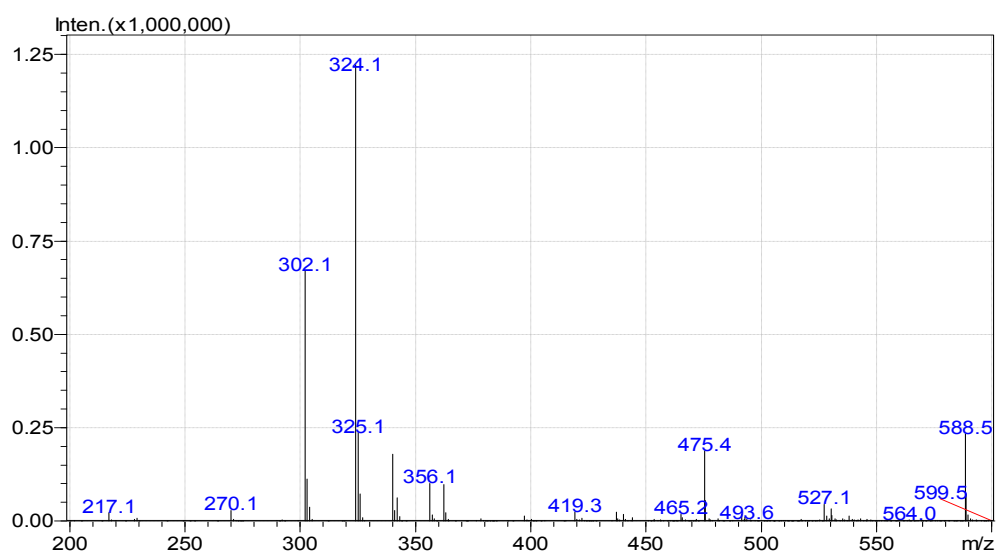
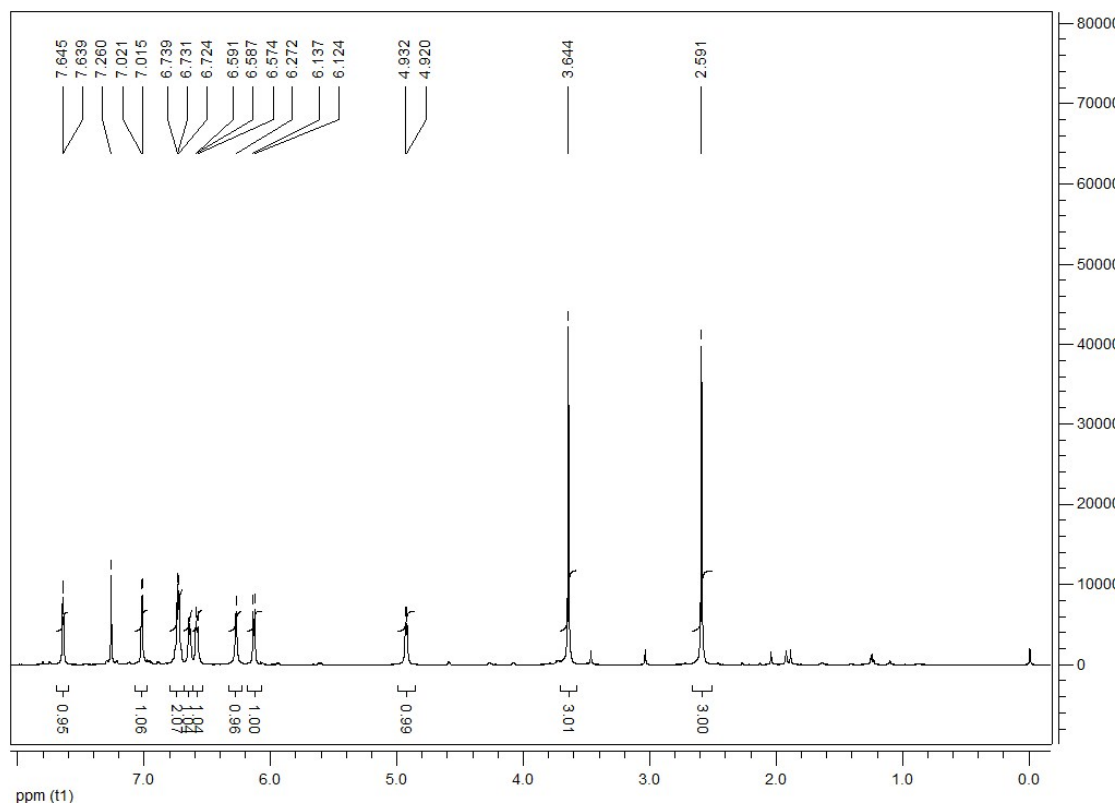
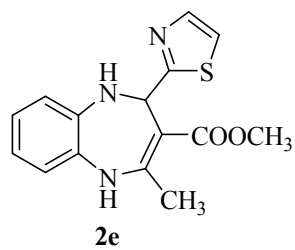


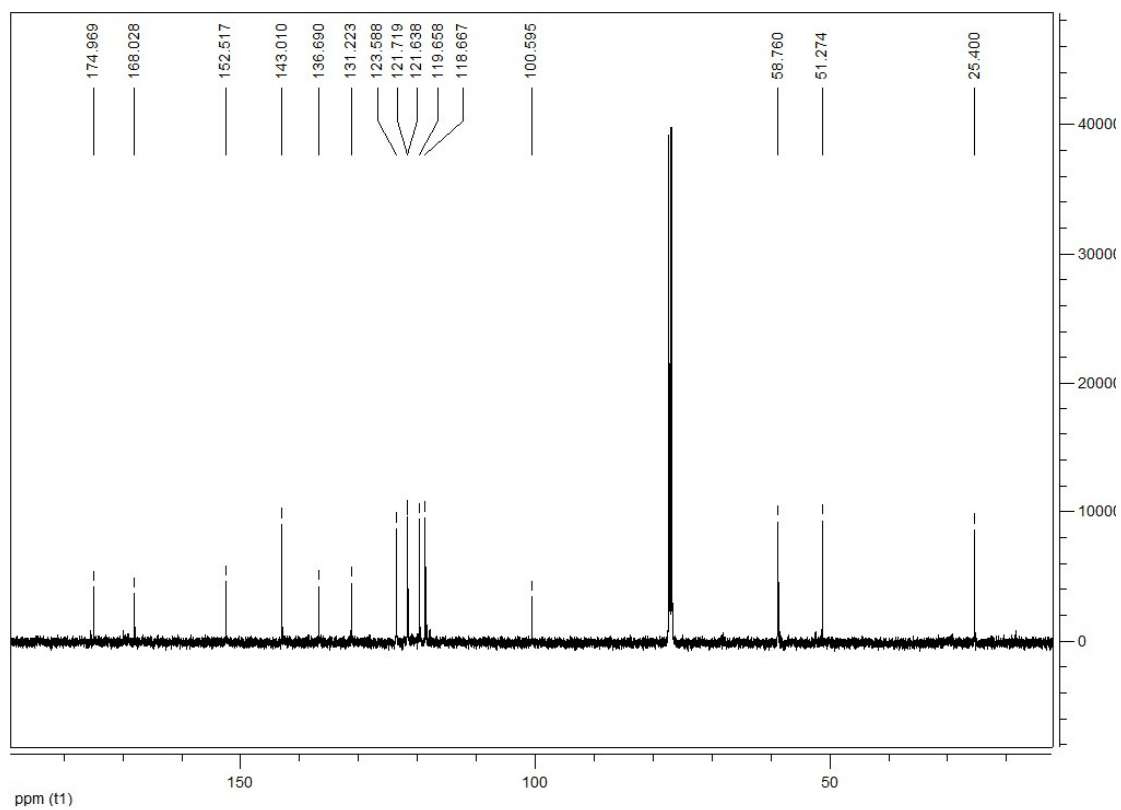


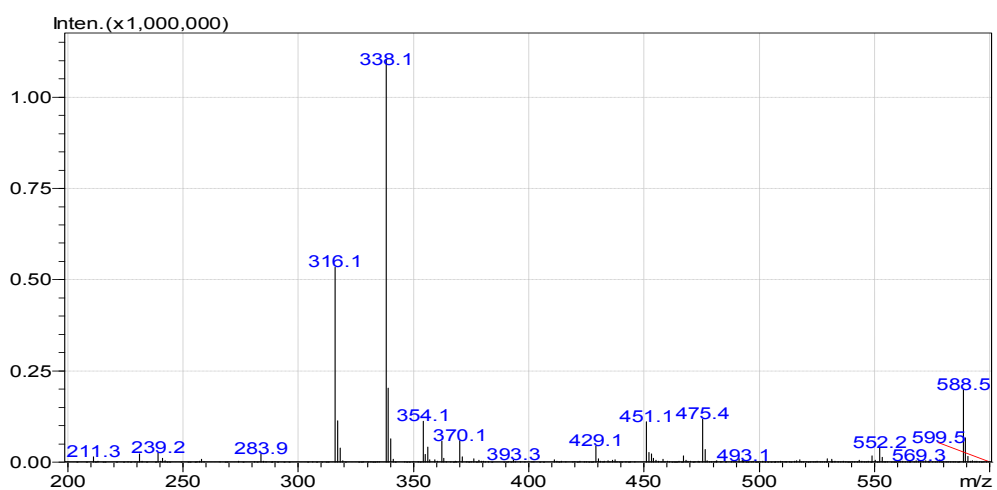
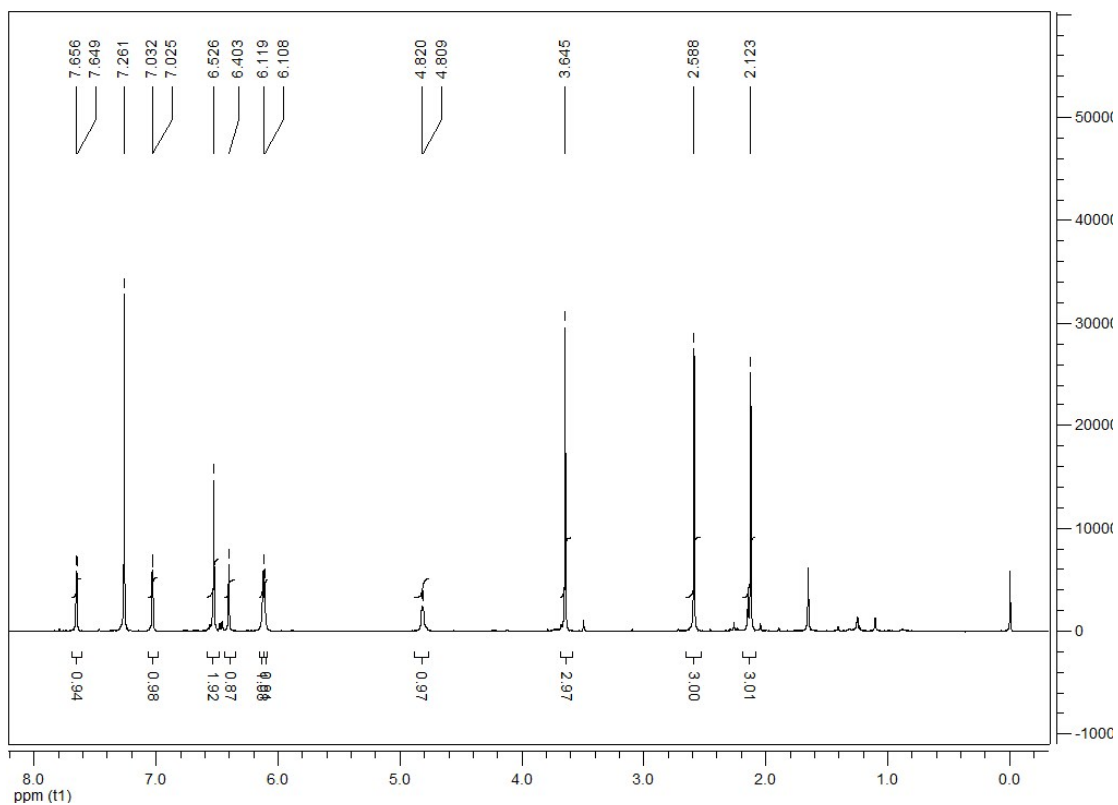
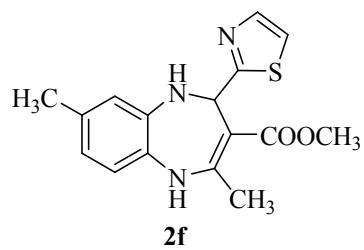


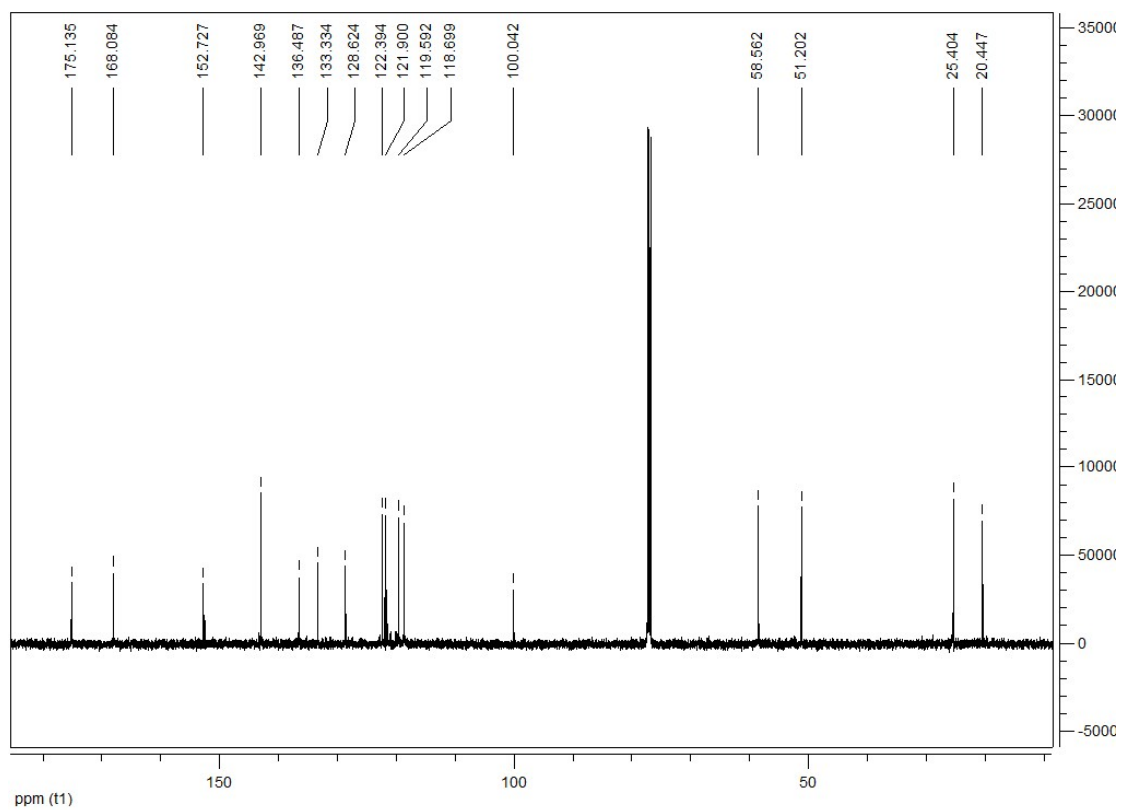


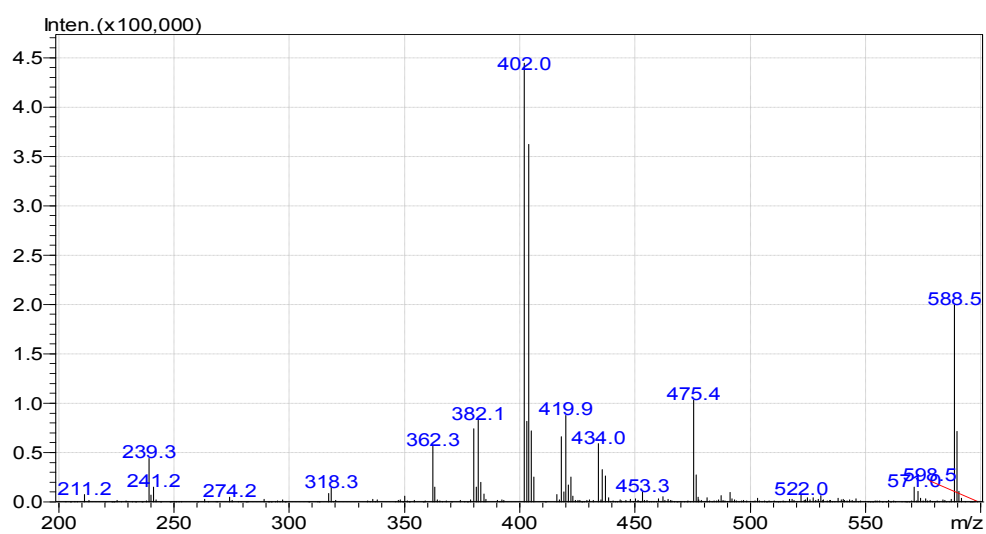
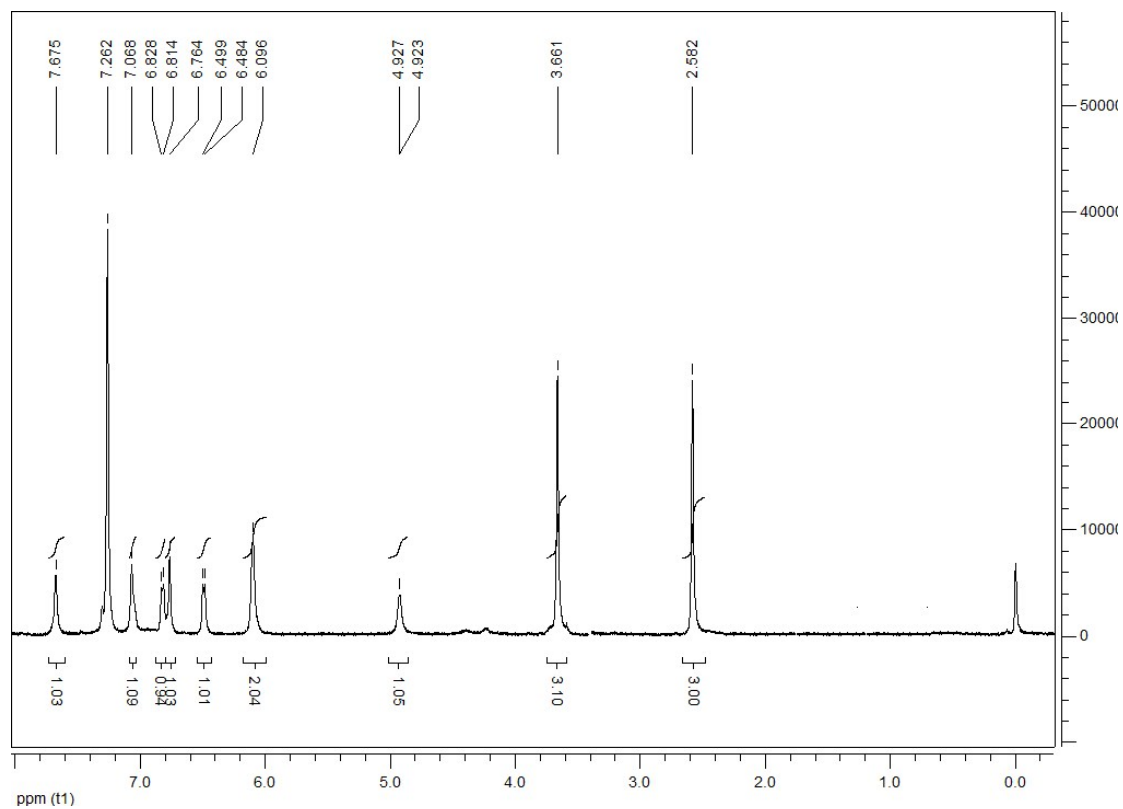
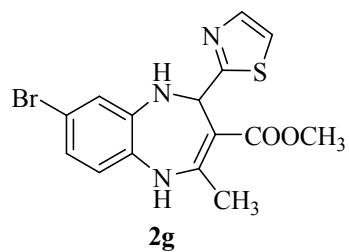


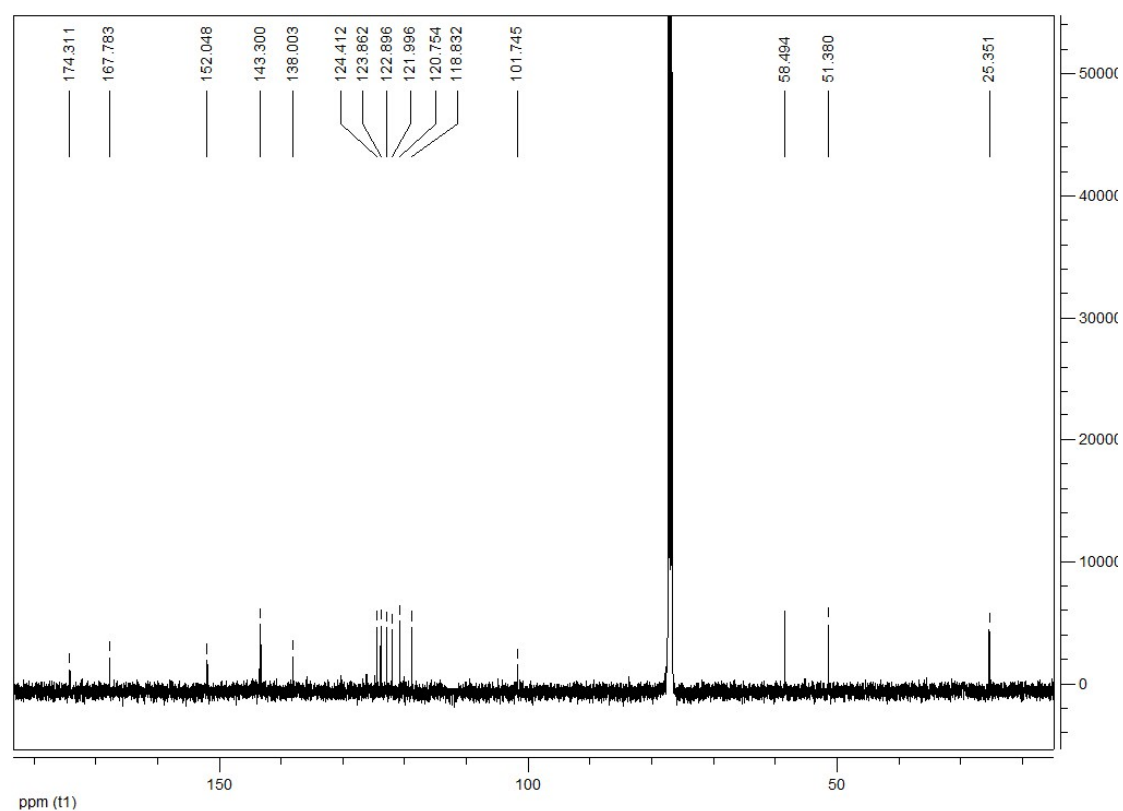


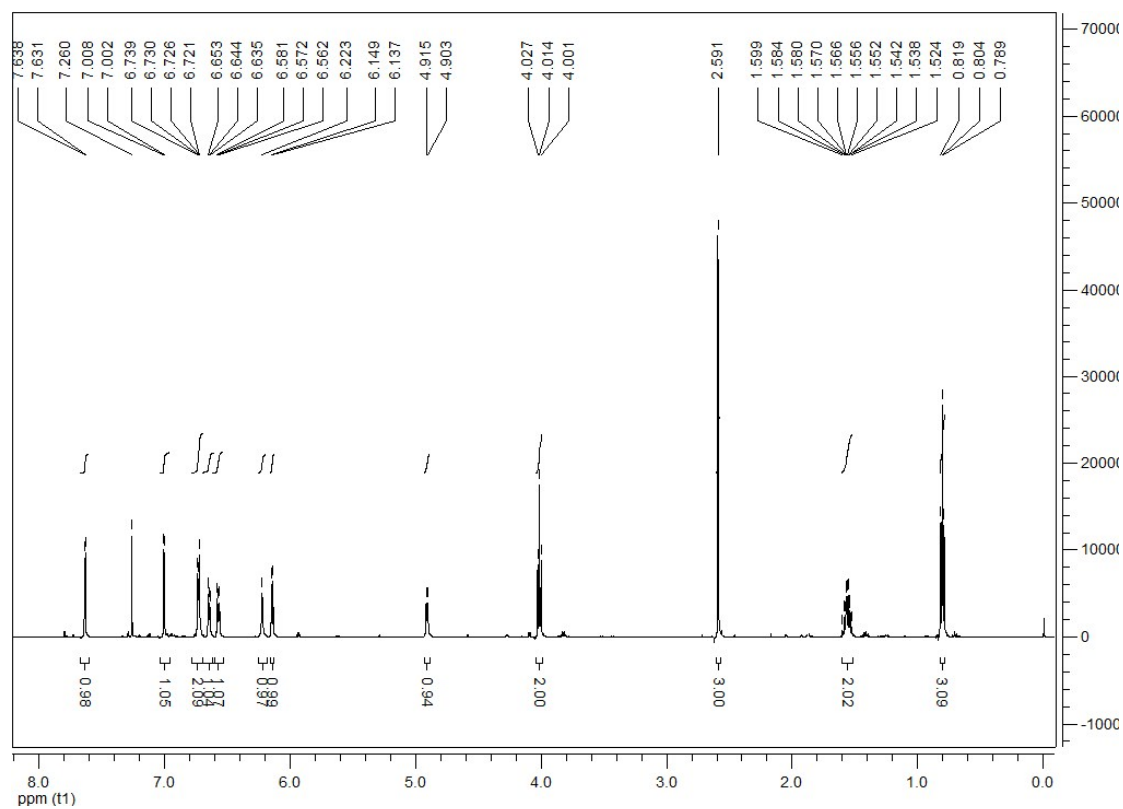
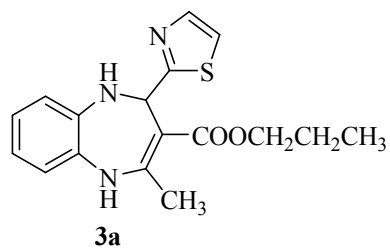










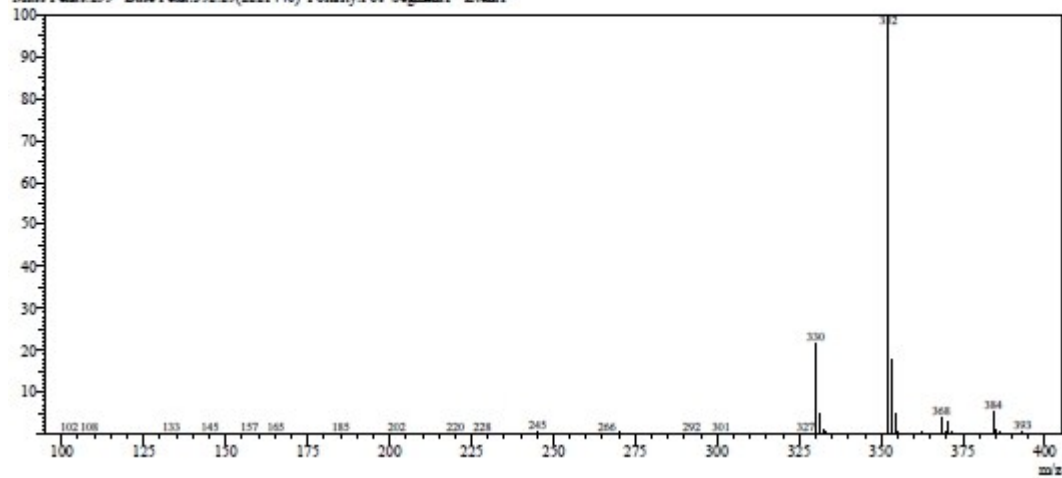


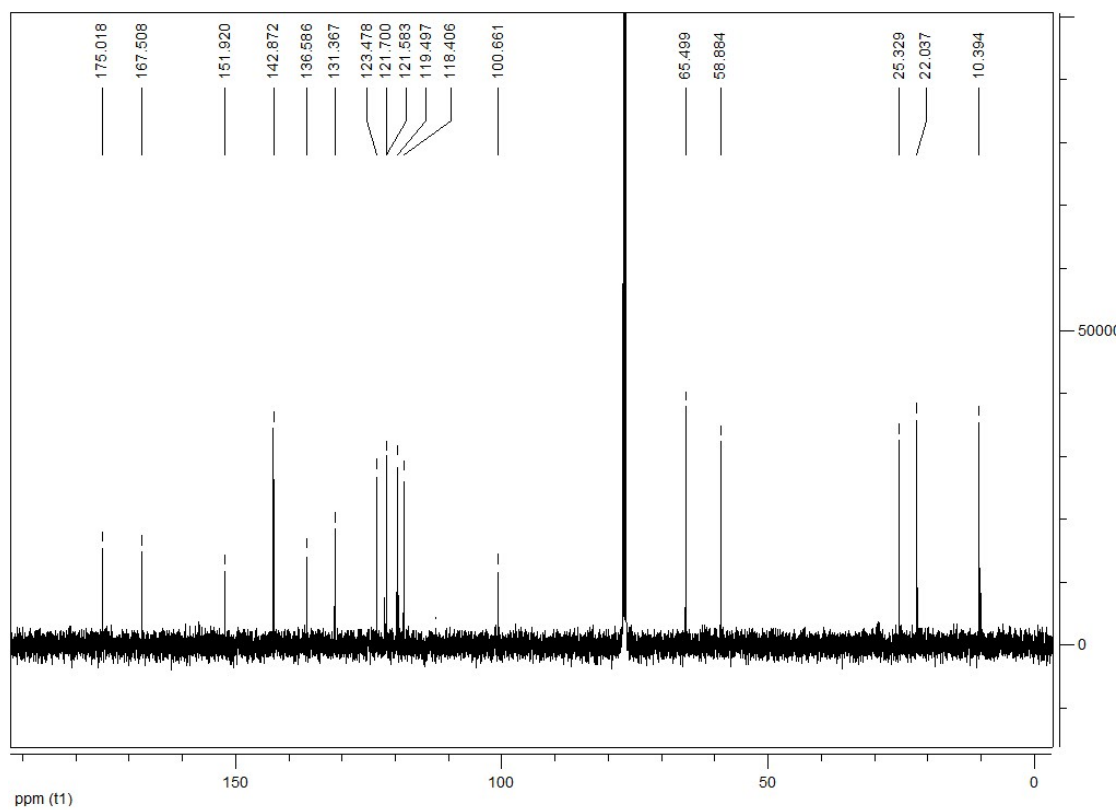
MS Spectrum Graph

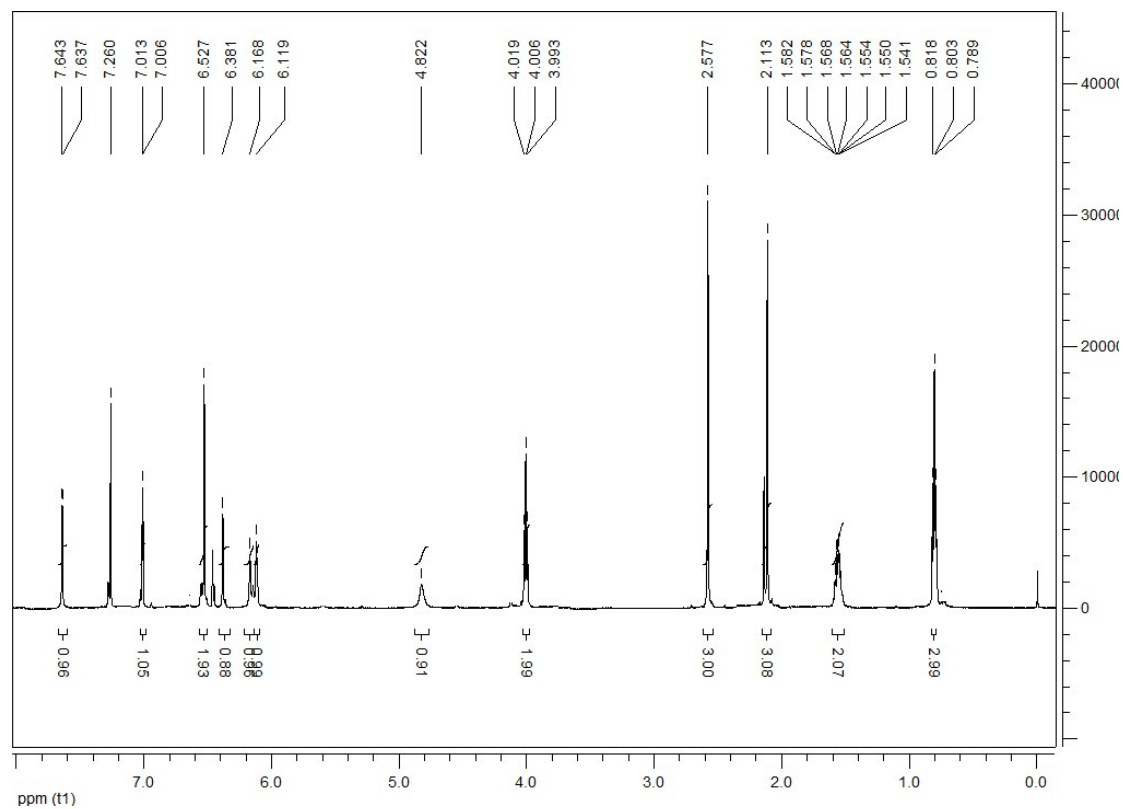
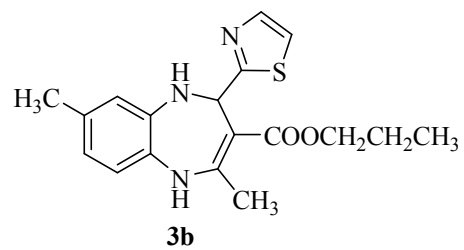
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B/G Mode: ?

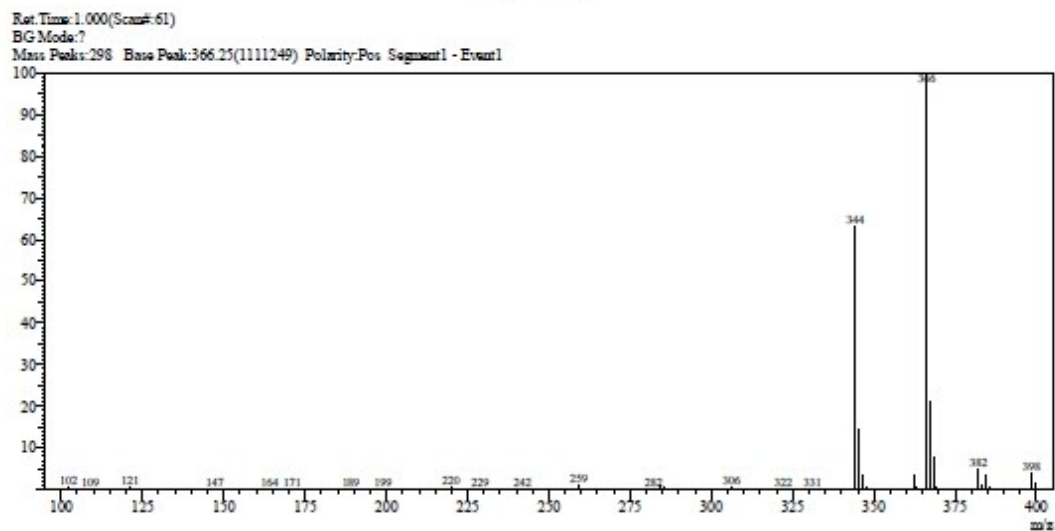
Mass Peaks: 299 Base Peak: 352.25 (2221446) Polarity: Pos Segment: 1 - Event: 1

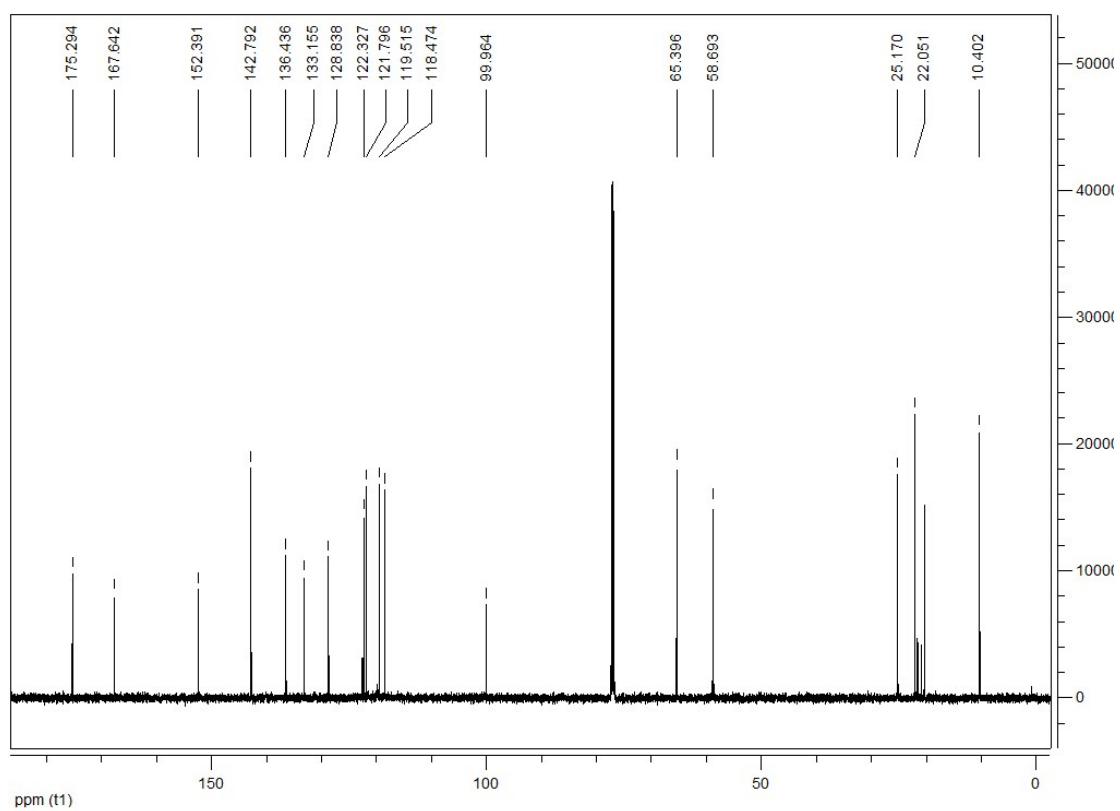


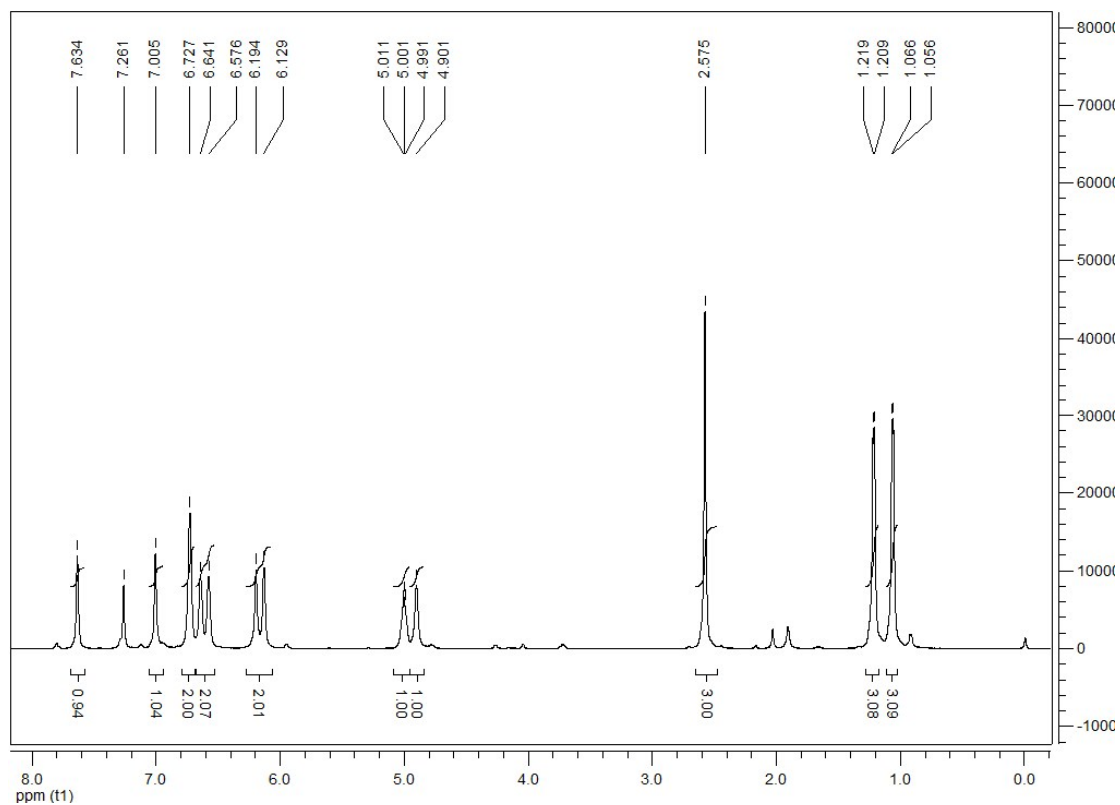
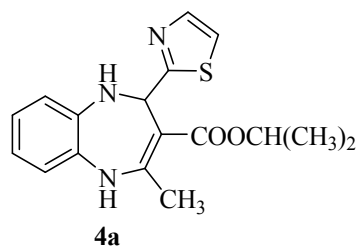




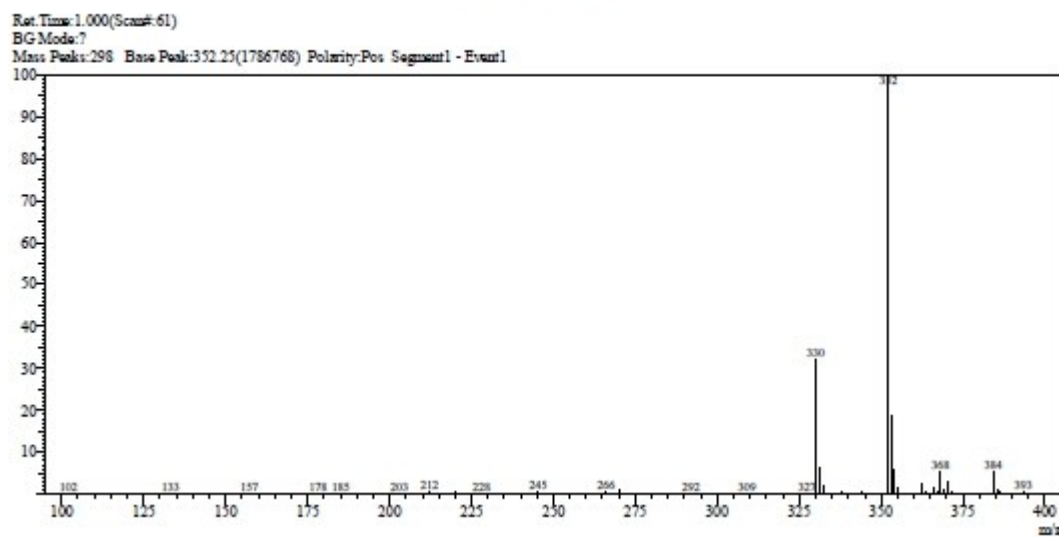
MS Spectrum Graph

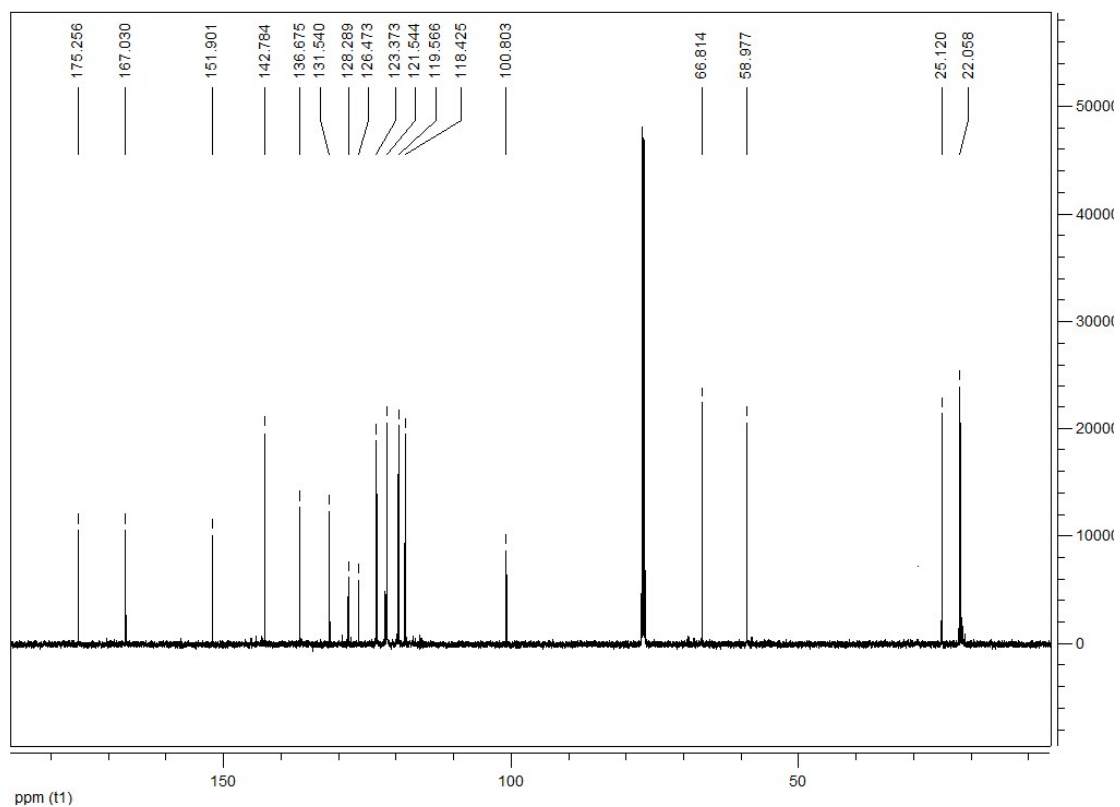


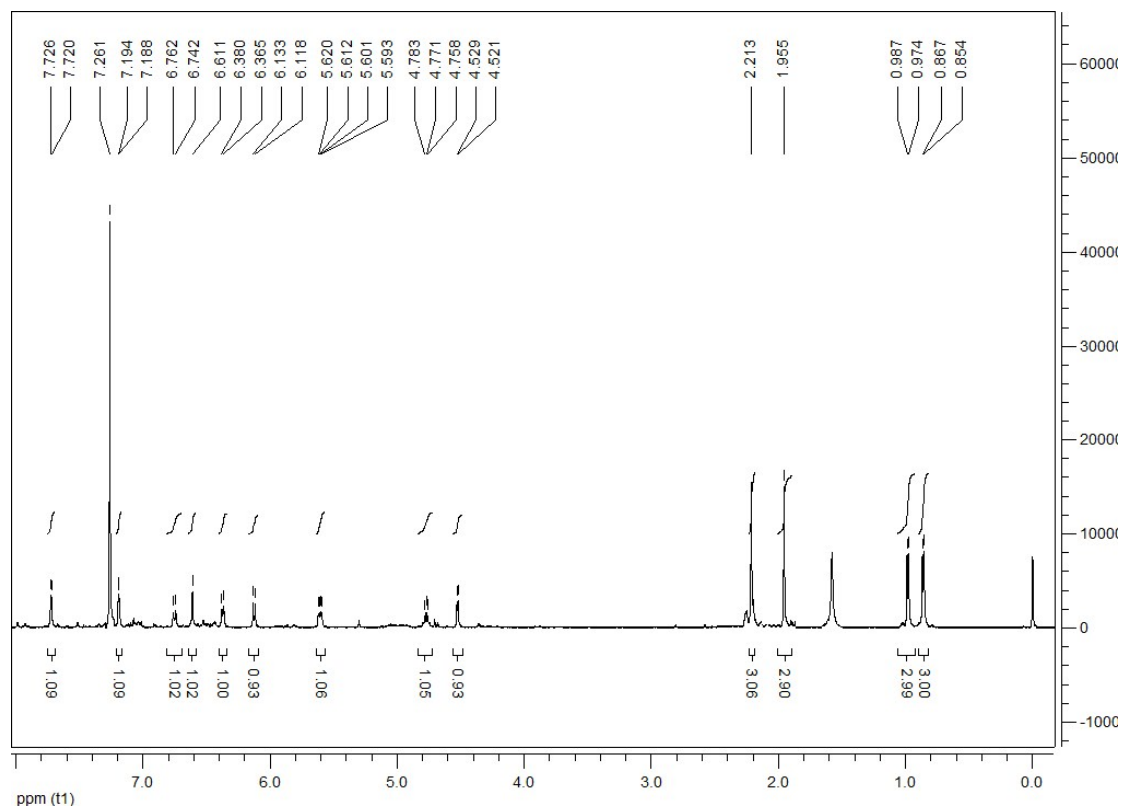
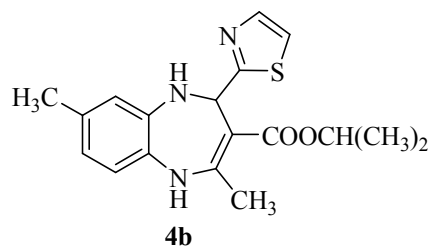




MS Spectrum Graph





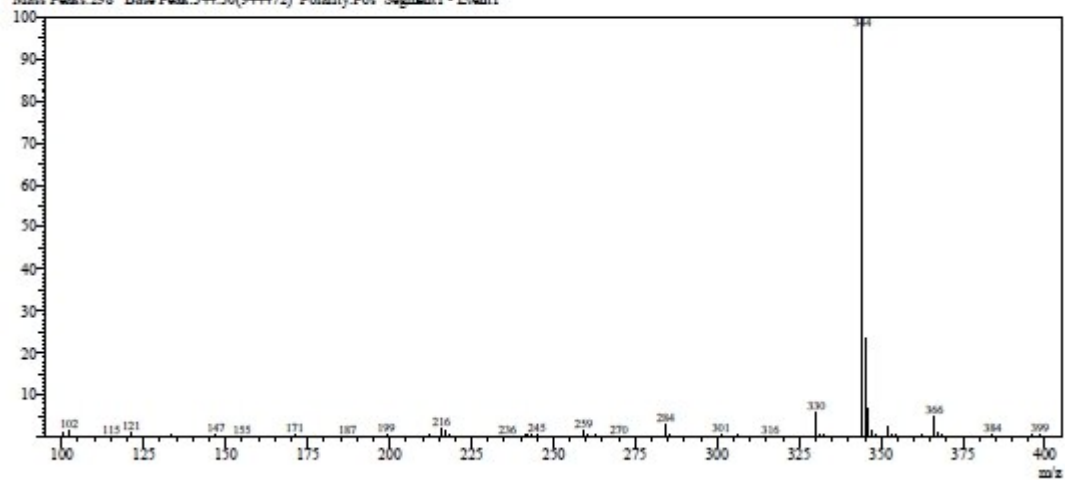


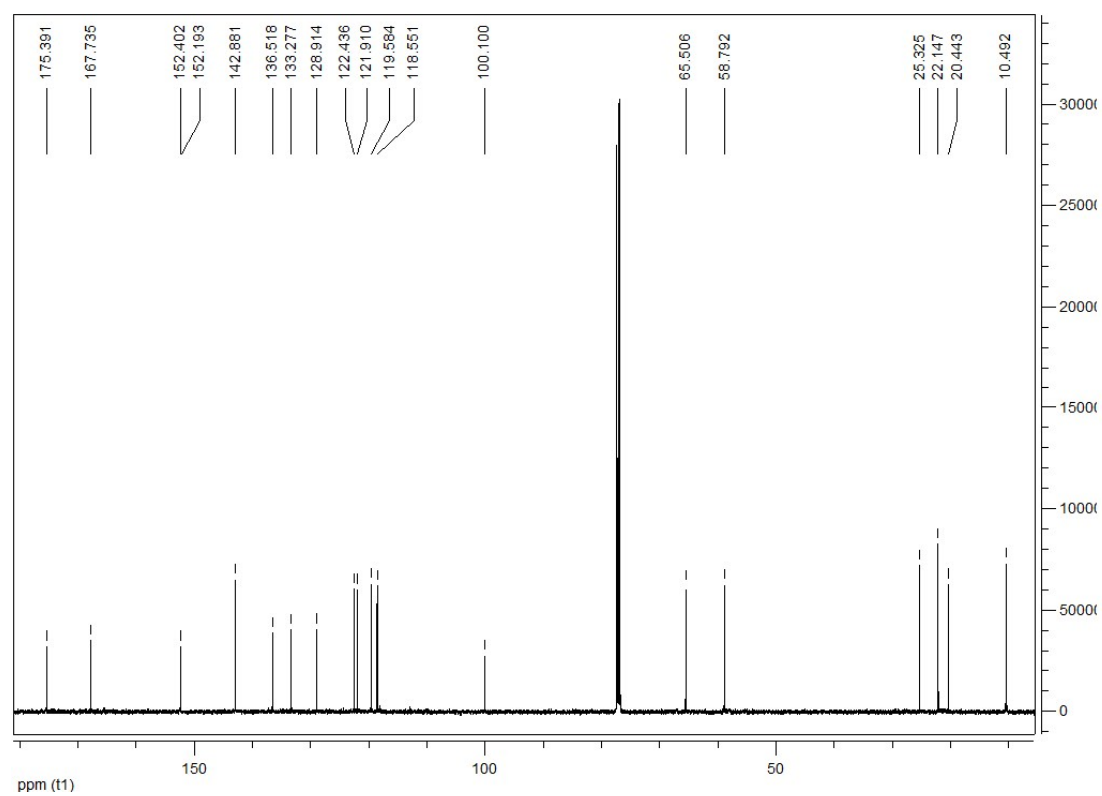
MS Spectrum Graph

Ret Time: 1.000 (Scan# 61)

EG Mode: ?

Mass Peaks: 296 Base Peak: 344.30 (944472) Polarity: Pos Segment: 1 - Event: 1





No.	Name	Wght [mg]	Date Time	Content [%]
28	1a	3.6220	10.12.13 13:49	N: 8.89 C: 64.90 H: 5.79
29	1b	3.5500	10.12.13 13: 58	N: 8.54 C: 65.80 H: 6.15
30	1c	4.7460	10.12.13 14:07	N: 7.14 C: 51.90 H: 4.37
31	1d	4.3590	10.12 13 14: 16	N: 8.89 C: 64.98 H: 5.75
32	1e	3.4650	10.12 13 14: 26	N: 8.55 C: 65.80 H: 6.12
33	1f	3.2760	10.12 13 14: 38	N: 7.11 C: 51.95 H: 4.35
34	1g	4.1670	10.12 13 14: 45	N: 8.50 C: 65.86 H: 6.16
35	1h	3.678	10.12 13 14: 58	N: 8.15 C: 66.66 H: 6.45
36	1i	3.450	10.12 13 15: 10	N: 6.91 C: 53.05 H: 4.68
37	1j	4.159	10.12 13 15: 22	N: 8.55 C: 65.85 H: 6.15
38	1k	3.964	10.12 13 15: 35	N: 8.16 C: 66.66 H: 6.51
39	1l	4.172	10.12 13 15: 48	N: 6.90 C: 53.12 H: 4.68
40	1m	3871	10.12 13 15: 50	N: 7.11 C: 51.90 H: 4.34

41	1n	3.845	10.12 13 16: 01	N: 6.90 C: 53.11 H: 4.68
42	1o	4.259	10.12 13 16: 12	N: 5.94 C: 43.22 H: 3.43
43	1p	4.364	10.12 13 16: 23	N: 7.11 C: 51.90 H: 4.34
44	1q	3.954	10.12 13 16: 36	N: 6.90 C: 53.10 H: 4.72
45	1r	4.056	10.12 13 16: 48	N: 5.92 C: 43.26 H: 3.42
46	1s	3.654	10.12 13 16: 59	N: 7.11 C: 51.90 H: 4.36
47	1t	3.894	10.12 13 17: 11	N: 6.90 C: 53.07 H: 4.72
48	1u	4.325	10.12 13 17: 25	N: 5.92 C: 43.25 H: 3.43
49	1v	3.975	10.12 13 17: 29	N: 13.34 C: 60.95 H: 5.44
50	1w	4.156	10.12 13 17: 40	N: 12.78 C: 61.96 H: 5.83
51	1x	3.751	10.12 13 17: 51	N: 10.68 C: 48.76 H: 4.10
52	2a	4.167	10.12 13 18: 01	N: 9.36 C: 63.96 H: 5.38
53	2b	3.675	10.12 13 18: 13	N: 8.93 C: 64.97 H: 5.75
54	2c	3.968	10.12 13 18: 25	N: 9.36 C: 64.01 H: 5.35
55	2d	4.061	10.12 13 18: 36	N: 8.94 C: 64.94

				H: 5.76
56	2e	4.268	10.12 13 18: 46	N: 13.96 C: 59.81 H: 5.01
57	2f	4.423	10.12 13 18: 58	N: 13.34 C: 60.96 H: 5.40
58	2g	3.754	10.12 13 19: 12	N: 11.07 C: 47.40 H: 3.70
59	3a	3.621	10.12 13 19: 25	N: 12.78 C: 61.94 H: 5.82
60	3b	3.746	10.12 13 19: 38	N: 12.24 C: 62.98 H: 6.18
61	4a	4.035	10.12 13 19: 50	N: 12.78 C: 62.02 H: 5.83
62	4b	4.214	10.12 13 20: 05	N: 12.23 C: 62.97 H: 6.18

analytic functional tasting
varioEL CHN
serial number: 20090428cc

22.11.14 14:30

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				C: 57.67
				H: 4.86

Document: 131209 (varioEL),
Elementar Analysensysteme GmbH

Name: eassuperuser,

Access: varioEL superuser

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