

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042325\  
 Data File : BM050013.D  
 Acq On : 23 Apr 2025 14:37  
 Operator : RC/JU  
 Sample : Q1852-07MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Quant Time: Apr 23 15:18:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 09 04:00:55 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)	
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	287884	20.000 ng	-0.02	
21) Naphthalene-d8	10.557	136	952796	20.000 ng	-0.02	
39) Acenaphthene-d10	14.410	164	566920	20.000 ng	-0.01	
64) Phenanthrene-d10	17.157	188	1079716	20.000 ng	0.00	
76) Chrysene-d12	21.398	240	1168533	20.000 ng	0.00	
86) Perylene-d12	24.397	264	1272703	20.000 ng	-0.01	
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1677901	98.971 ng	0.00	
7) Phenol-d6	6.951	99	2044996	96.950 ng	0.00	
23) Nitrobenzene-d5	8.922	82	1188077	69.436 ng	-0.01	
42) 2,4,6-Tribromophenol	15.904	330	899687	109.105 ng	0.00	
45) 2-Fluorobiphenyl	13.028	172	2806180	67.121 ng	-0.02	
79) Terphenyl-d14	19.780	244	4057925	65.079 ng	-0.01	
Target Compounds						
2) 1,4-Dioxane	3.252	88	266959	38.235 ng		98
3) Pyridine	3.652	79	739036	40.287 ng		99
4) n-Nitrosodimethylamine	3.558	42	313495	44.906 ng		96
6) Aniline	7.093	93	426266	23.584 ng		99
8) 2-Chlorophenol	7.334	128	796556	45.847 ng		99
9) Benzaldehyde	6.904	77	398795	36.842 ng		99
10) Phenol	6.975	94	927975	45.082 ng		100
11) bis(2-Chloroethyl)ether	7.187	93	736137	45.604 ng		99
12) 1,3-Dichlorobenzene	7.651	146	939647	45.745 ng		99
13) 1,4-Dichlorobenzene	7.798	146	951043	46.014 ng		99
14) 1,2-Dichlorobenzene	8.116	146	903868	46.430 ng		99
15) Benzyl Alcohol	8.010	79	602897	45.390 ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	869249	48.314 ng		99
17) 2-Methylphenol	8.222	107	600425	47.334 ng		99
18) Hexachloroethane	8.840	117	327314	45.519 ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	527998	45.195 ng		99
20) 3+4-Methylphenols	8.551	107	781259	45.176 ng		99
22) Acetophenone	8.587	105	1058064	45.693 ng	#	99
24) Nitrobenzene	8.963	77	764779	46.419 ng		99
25) Isophorone	9.492	82	1394989	48.668 ng		99
26) 2-Nitrophenol	9.675	139	400838	45.902 ng		100
27) 2,4-Dimethylphenol	9.745	122	642461	64.919 ng		100
28) bis(2-Chloroethoxy)met...	9.969	93	879955	45.856 ng		98
29) 2,4-Dichlorophenol	10.222	162	734513	44.651 ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	891745	46.859 ng		99
31) Naphthalene	10.610	128	2159823	44.115 ng		99
32) Benzoic acid	9.916	122	436554	37.796 ng		99
33) 4-Chloroaniline	10.728	127	202531	11.715 ng		99
34) Hexachlorobutadiene	10.892	225	578827	49.172 ng		99
35) Caprolactam	11.516	113	193687	41.052 ng		96
36) 4-Chloro-3-methylphenol	11.869	107	624329	43.327 ng		98
37) 2-Methylnaphthalene	12.222	142	1386917	40.207 ng		99
38) 1-Methylnaphthalene	12.445	142	1447966	43.087 ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	965424	48.676 ng		99
41) Hexachlorocyclopentadiene	12.575	237	968699	139.386 ng		99
43) 2,4,6-Trichlorophenol	12.845	196	613446	48.606 ng		99

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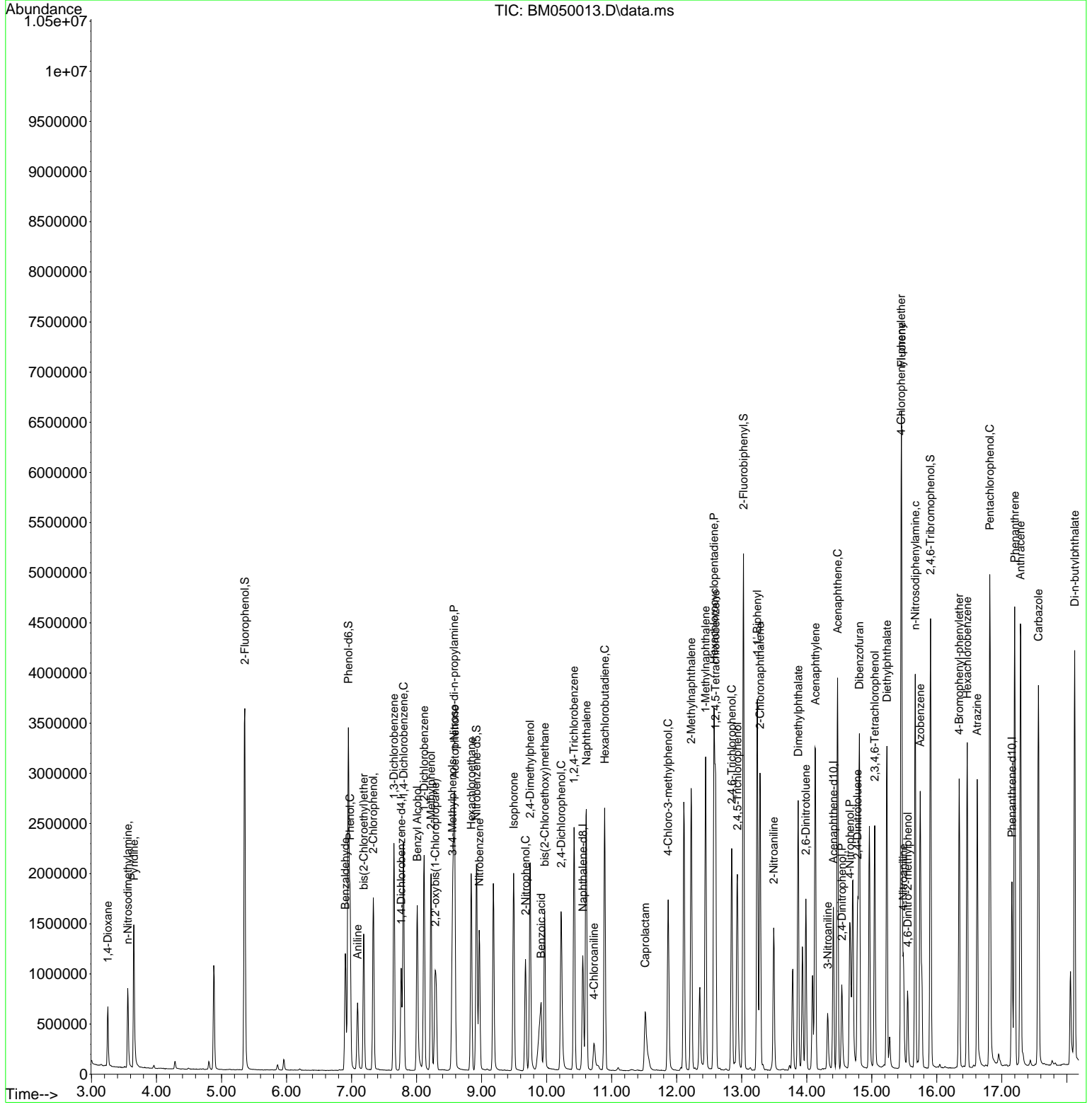
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	652115	47.547	ng	99
46) 1,1'-Biphenyl	13.239	154	1967507	46.686	ng	100
47) 2-Chloronaphthalene	13.280	162	1567374	47.319	ng	99
48) 2-Nitroaniline	13.492	65	374946	48.929	ng	98
49) Acenaphthylene	14.133	152	2434980	50.466	ng	100
50) Dimethylphthalate	13.869	163	1809730	45.248	ng	99
51) 2,6-Dinitrotoluene	13.986	165	398532	47.560	ng	99
52) Acenaphthene	14.474	154	1395096	45.456	ng	99
53) 3-Nitroaniline	14.322	138	168622	20.820	ng	99
54) 2,4-Dinitrophenol	14.539	184	245313	43.999	ng	98
55) Dibenzofuran	14.810	168	2274585	44.334	ng	98
56) 4-Nitrophenol	14.663	139	664558	92.080	ng	99
57) 2,4-Dinitrotoluene	14.780	165	550106	49.209	ng	99
58) Fluorene	15.457	166	1863268	45.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	544044	45.258	ng	98
60) Diethylphthalate	15.233	149	1813692	47.287	ng	98
61) 4-Chlorophenyl-phenyle...	15.451	204	1018573	46.585	ng	99
62) 4-Nitroaniline	15.486	138	351246	41.938	ng	96
63) Azobenzene	15.745	77	1673367	50.959	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	202814	29.809	ng	96
66) n-Nitrosodiphenylamine	15.669	169	1548576	47.926	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	607622	48.477	ng	97
68) Hexachlorobenzene	16.468	284	699094	48.625	ng	98
69) Atrazine	16.621	200	564075	67.329	ng	98
70) Pentachlorophenol	16.815	266	998434	94.328	ng	100
71) Phenanthrene	17.198	178	2831216	47.829	ng	100
72) Anthracene	17.286	178	2892606	49.586	ng	99
73) Carbazole	17.563	167	2604201	47.397	ng	99
74) Di-n-butylphthalate	18.121	149	3028037	47.848	ng	100
75) Fluoranthene	19.215	202	3499821	48.086	ng	99
77) Benzidine	19.404	184	1376095	88.767	ng	99
78) Pyrene	19.580	202	3643412	45.241	ng	99
80) Butylbenzylphthalate	20.474	149	1353248	44.720	ng	98
81) Benzo(a)anthracene	21.380	228	3865370	49.773	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	793152	27.044	ng	99
83) Chrysene	21.445	228	3535071	47.880	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	1973467	44.761	ng	99
85) Di-n-octyl phthalate	22.427	149	3368447	43.673	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	4738254	49.945	ng	99
88) Benzo(b)fluoranthene	23.456	252	3896024	47.932	ng	99
89) Benzo(k)fluoranthene	23.515	252	3851073	48.891	ng	100
90) Benzo(a)pyrene	24.262	252	3721293	52.100	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	3877655	49.623	ng	99
92) Benzo(g,h,i)perylene	28.862	276	3674602	46.018	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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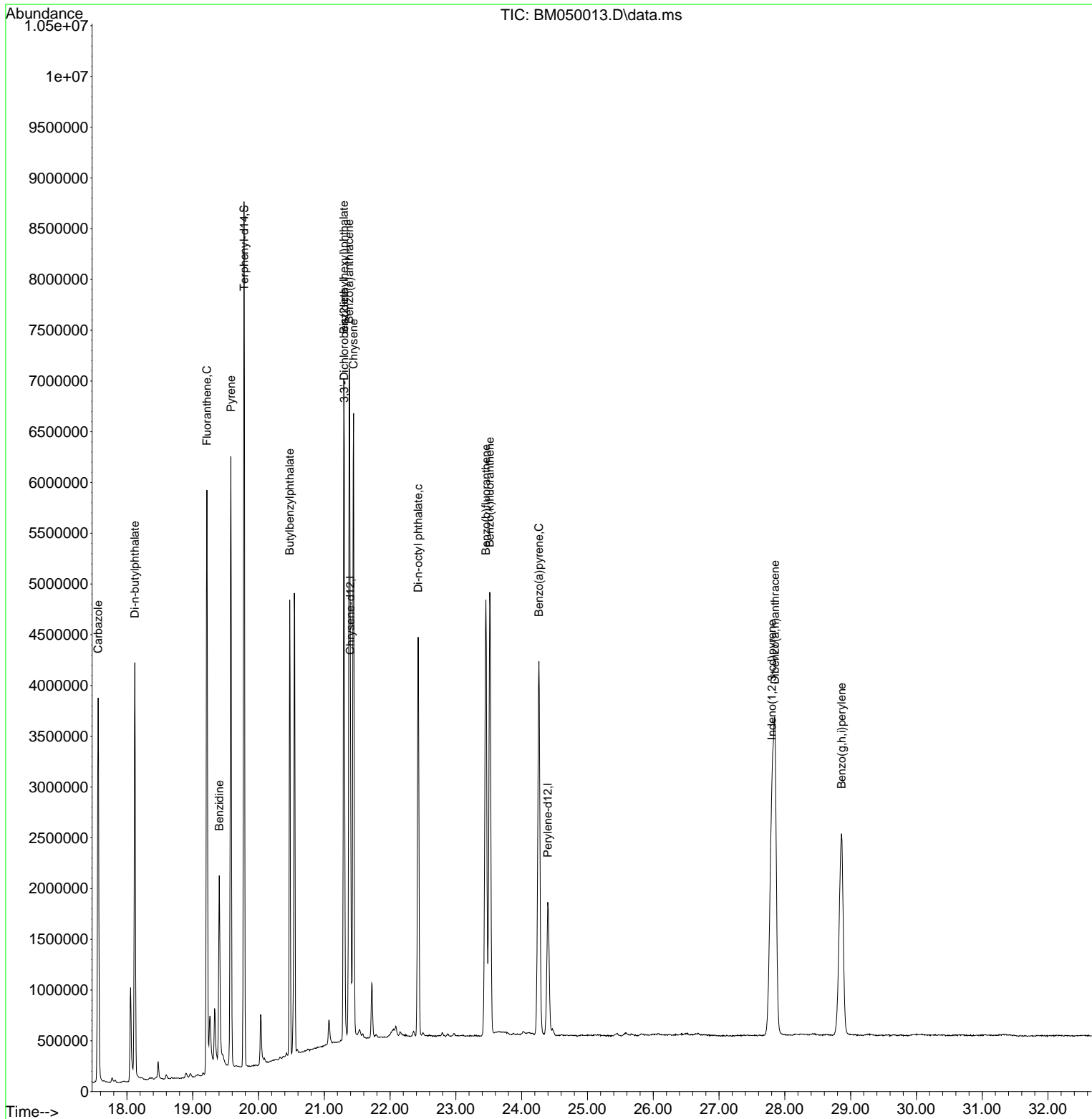
Quant Time: Apr 23 15:18:09 2025  
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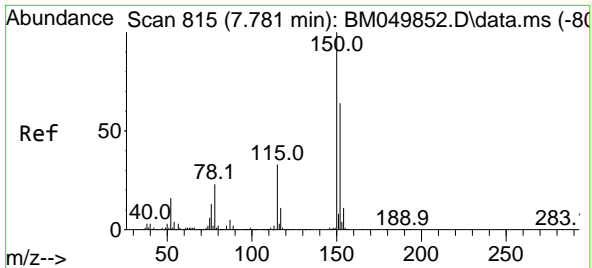


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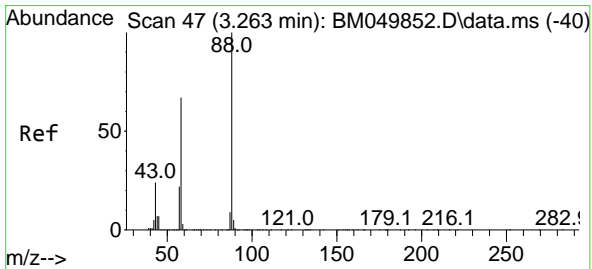
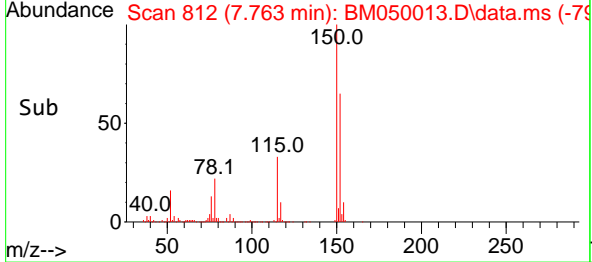
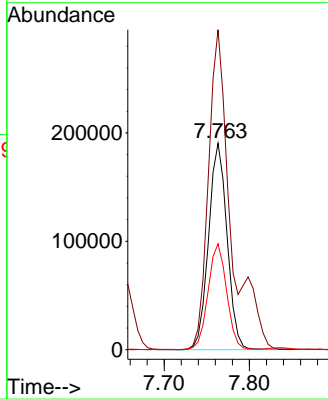
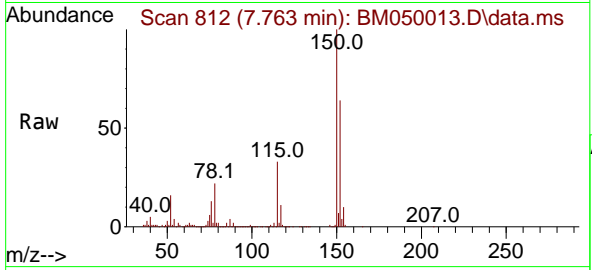




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.763 min Scan# 81  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

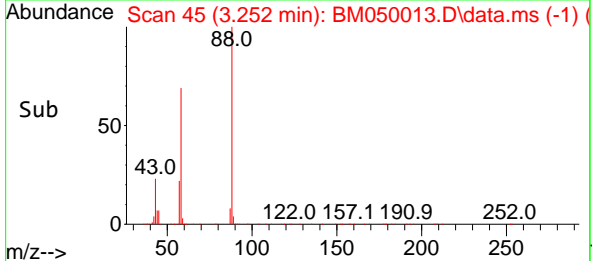
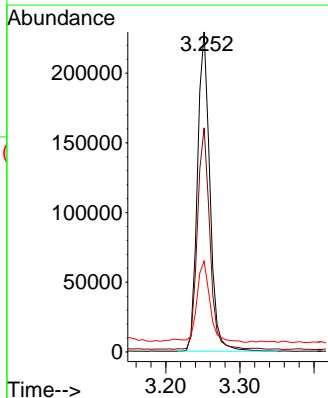
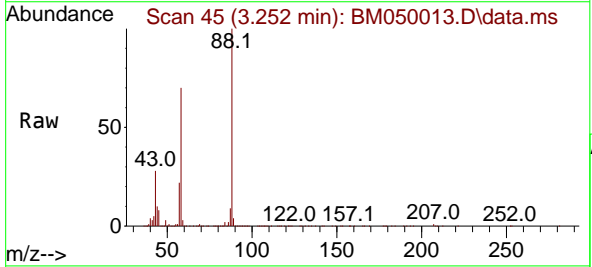
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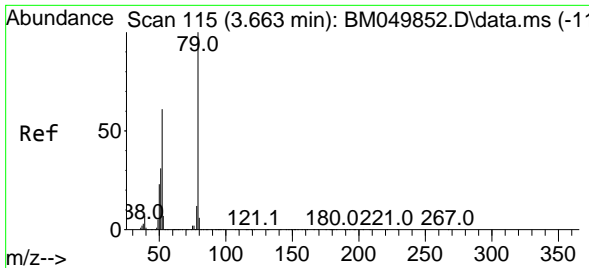
Tgt Ion:152 Resp: 287884  
 Ion Ratio Lower Upper  
 152 100  
 150 155.1 124.3 186.5  
 115 51.3 41.1 61.7



#2  
 1,4-Dioxane  
 Concen: 38.235 ng  
 RT: 3.252 min Scan# 45  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

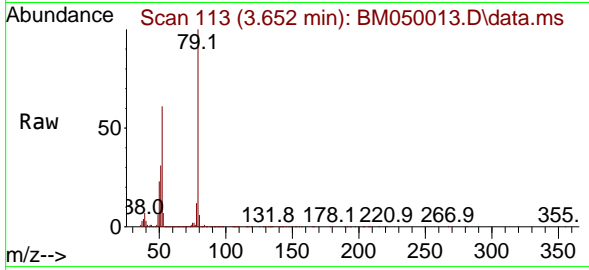
Tgt Ion: 88 Resp: 266959  
 Ion Ratio Lower Upper  
 88 100  
 58 69.0 54.1 81.1  
 43 26.3 20.2 30.4



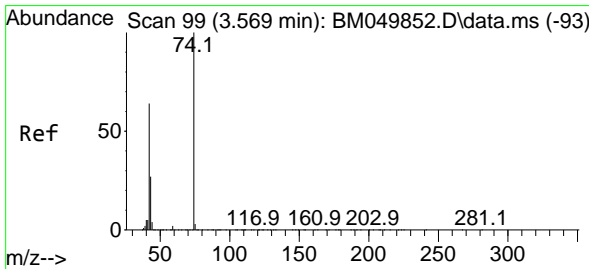
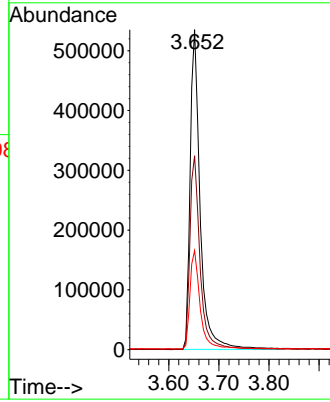
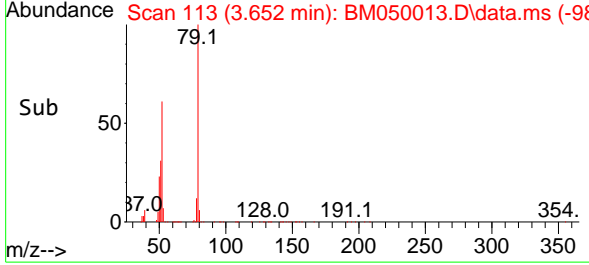


#3  
 Pyridine  
 Concen: 40.287 ng  
 RT: 3.652 min Scan# 115  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

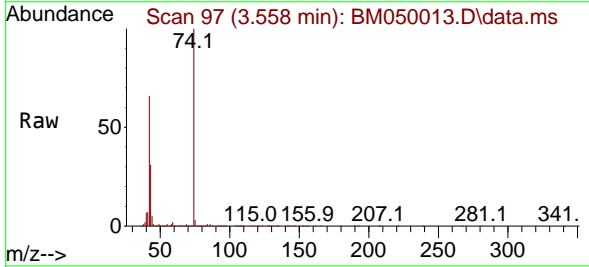
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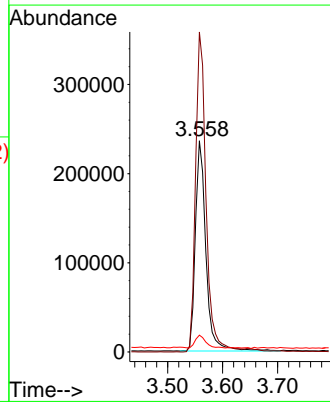
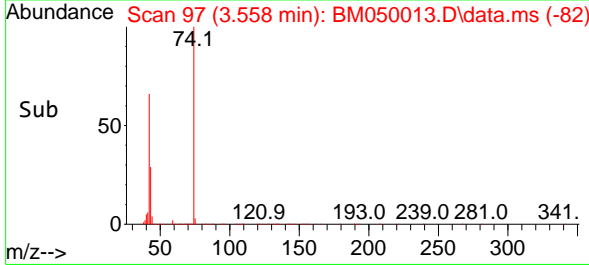
Tgt Ion: 79 Resp: 739036  
 Ion Ratio Lower Upper  
 79 100  
 52 60.6 48.9 73.3  
 51 31.0 25.0 37.6

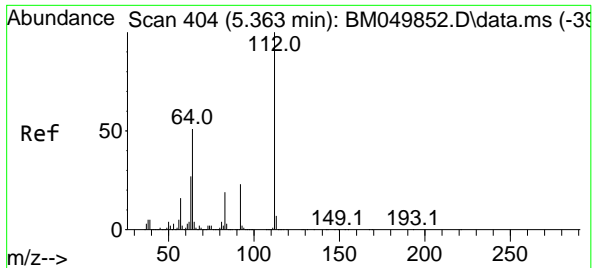


#4  
 n-Nitrosodimethylamine  
 Concen: 44.906 ng  
 RT: 3.558 min Scan# 97  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
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Tgt Ion: 42 Resp: 313495  
 Ion Ratio Lower Upper  
 42 100  
 74 151.5 125.4 188.2  
 44 8.0 5.9 8.9



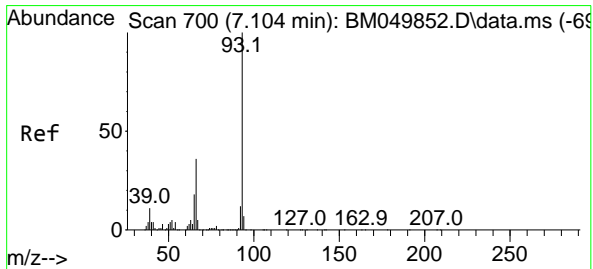
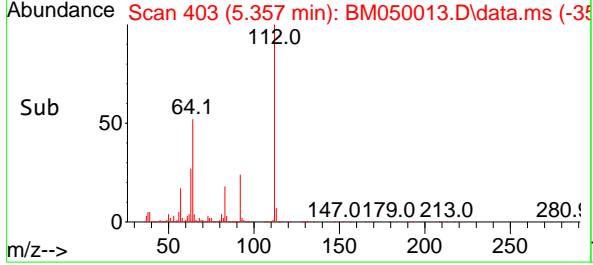
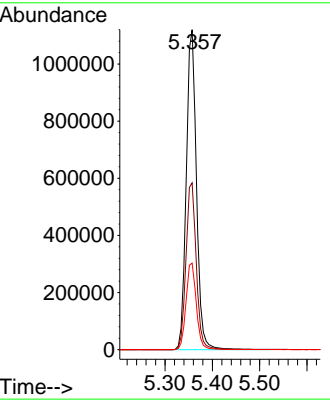
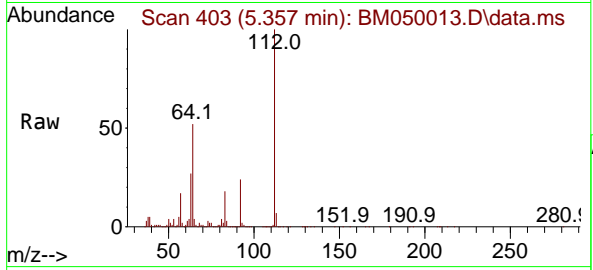


#5  
 2-Fluorophenol  
 Concen: 98.971 ng  
 RT: 5.357 min Scan# 403  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
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 ClientSampleId :  
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Tgt Ion:112 Resp: 1677901

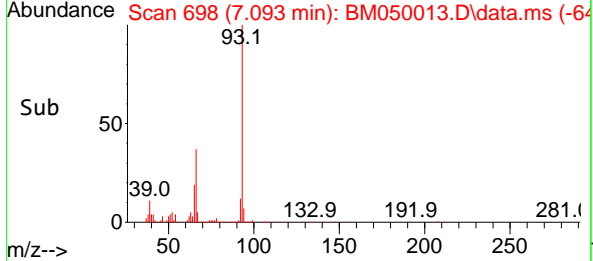
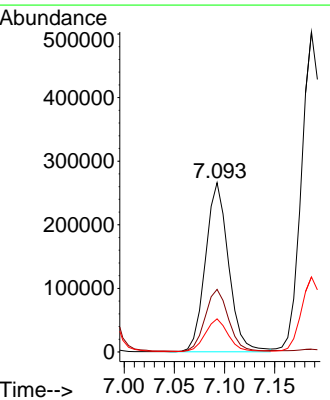
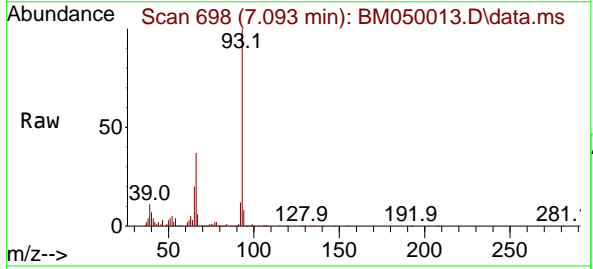
Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.0	61.6
63	27.1	21.5	32.3

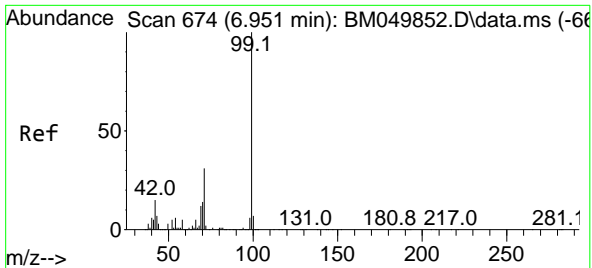


#6  
 Aniline  
 Concen: 23.584 ng  
 RT: 7.093 min Scan# 698  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
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Tgt Ion: 93 Resp: 426266

Ion	Ratio	Lower	Upper
93	100		
66	37.0	29.1	43.7
65	19.6	14.9	22.3



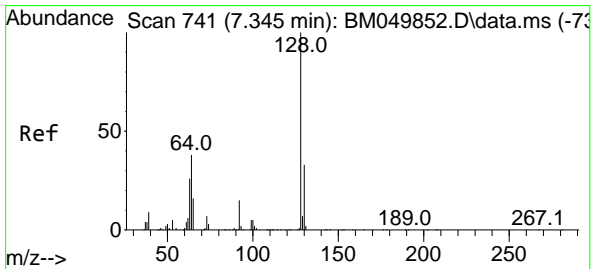
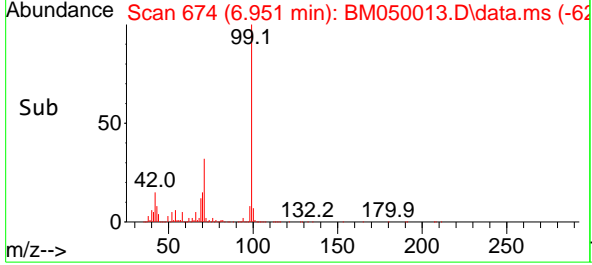
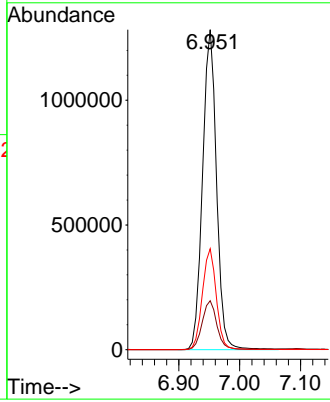
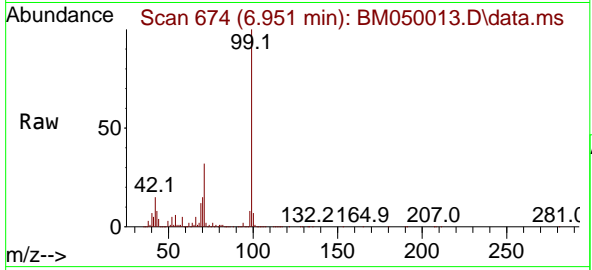


#7  
 Phenol-d6  
 Concen: 96.950 ng  
 RT: 6.951 min Scan# 611  
 Delta R.T. 0.000 min  
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Tgt Ion: 99 Resp: 2044996

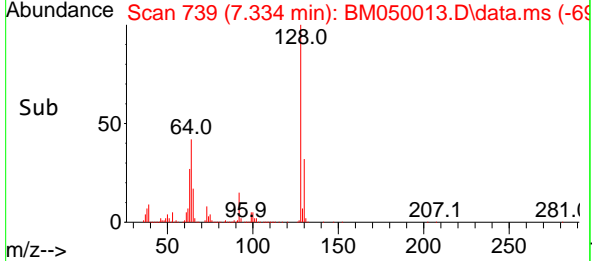
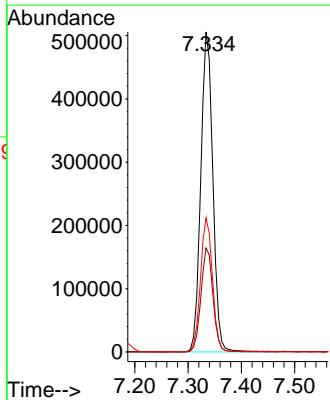
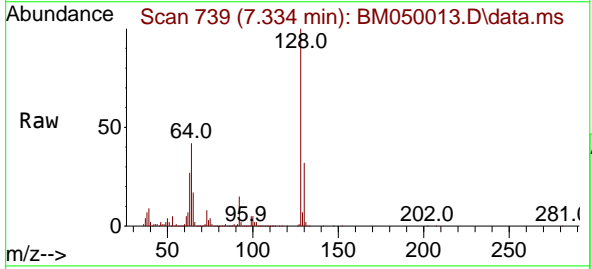
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.1	18.1
71	31.6	24.9	37.3



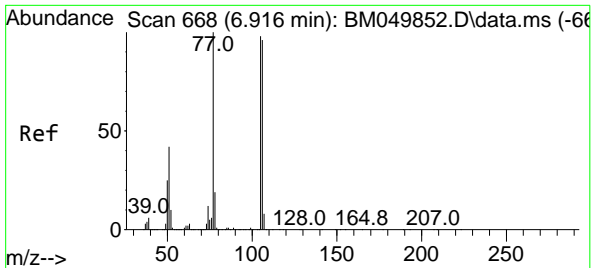
#8  
 2-Chlorophenol  
 Concen: 45.847 ng  
 RT: 7.334 min Scan# 739  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
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Tgt Ion: 128 Resp: 796556

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	41.9	21.1	61.1



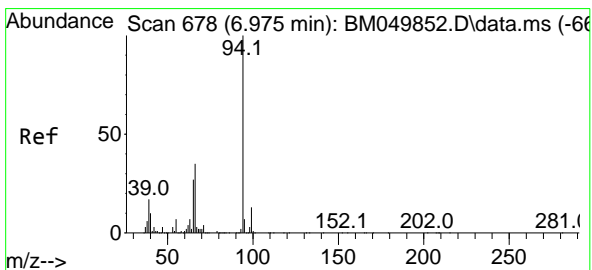
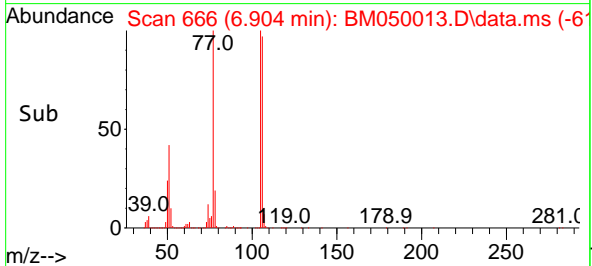
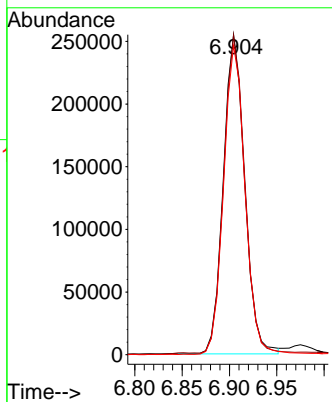
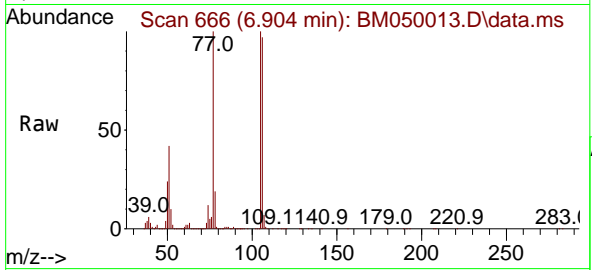




#9  
 Benzaldehyde  
 Concen: 36.842 ng  
 RT: 6.904 min Scan# 60  
 Delta R.T. -0.012 min  
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 Acq: 23 Apr 2025 14:37

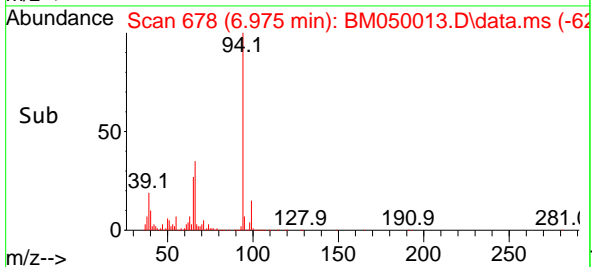
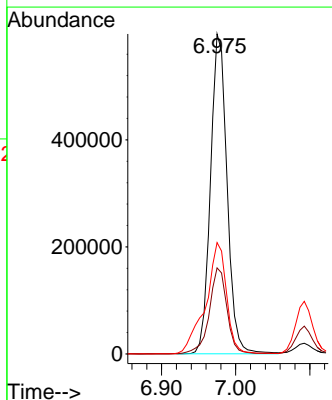
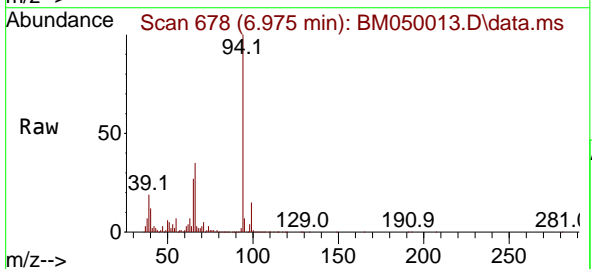
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

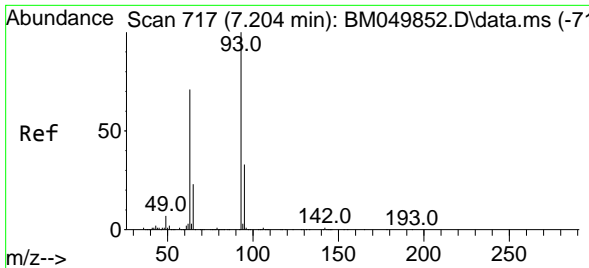
Tgt Ion	Resp	Lower	Upper
77	398795		
77	100		
105	99.9	78.3	118.3
106	96.7	76.0	116.0



#10  
 Phenol  
 Concen: 45.082 ng  
 RT: 6.975 min Scan# 678  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion	Resp	Lower	Upper
94	927975		
94	100		
65	26.9	7.3	47.3
66	34.8	14.8	54.8



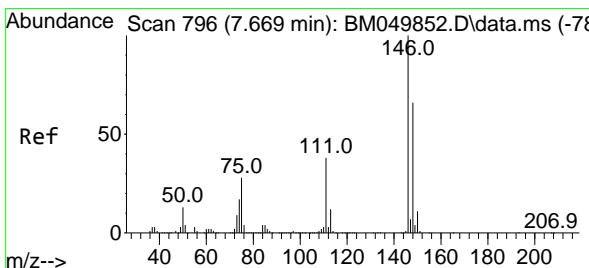
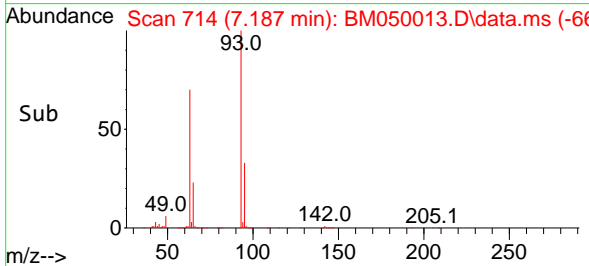
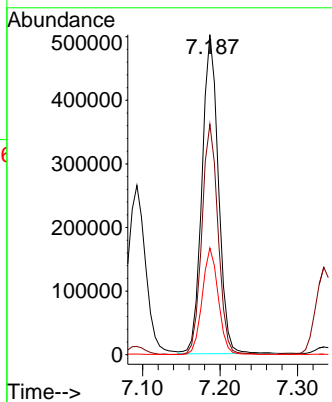
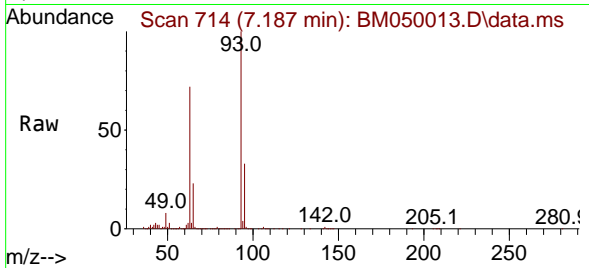


#11  
 bis(2-Chloroethyl)ether  
 Concen: 45.604 ng  
 RT: 7.187 min Scan# 714  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion: 93 Resp: 736137

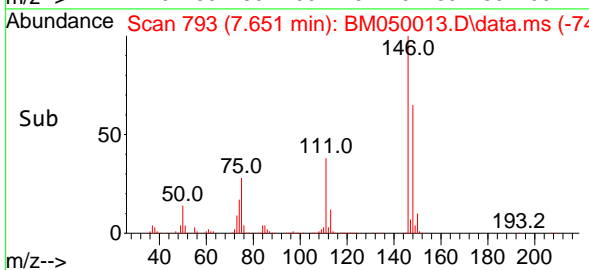
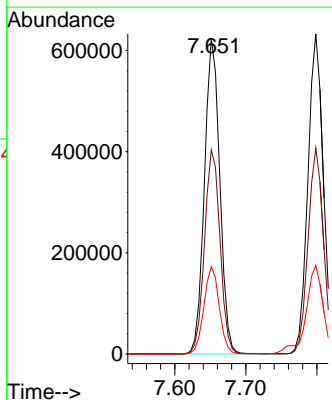
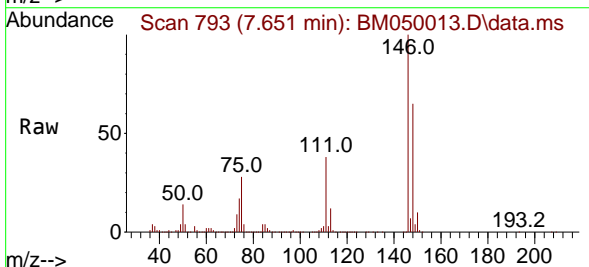
Ion	Ratio	Lower	Upper
93	100		
63	72.0	50.9	90.9
95	33.3	12.6	52.6

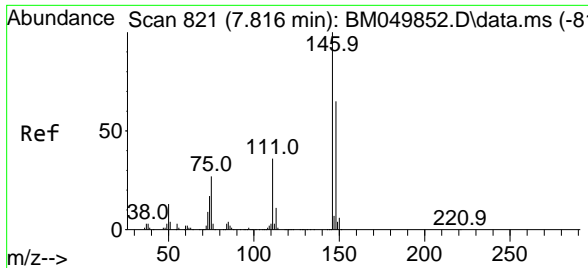


#12  
 1,3-Dichlorobenzene  
 Concen: 45.745 ng  
 RT: 7.651 min Scan# 793  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion: 146 Resp: 939647

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
75	27.6	22.5	33.7

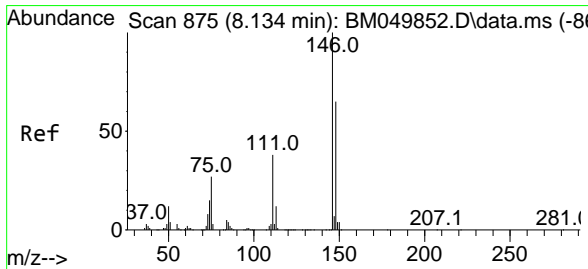
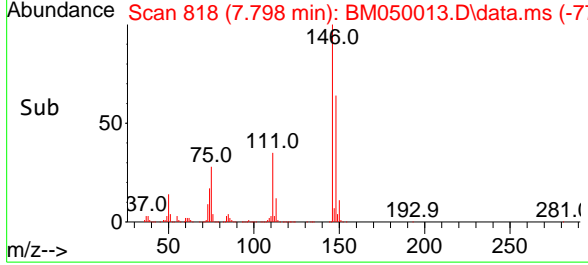
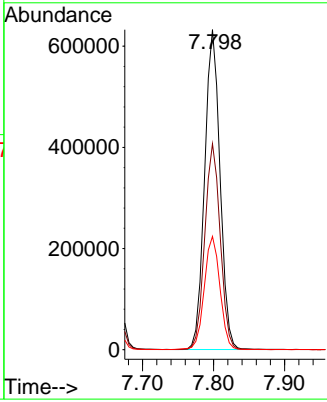
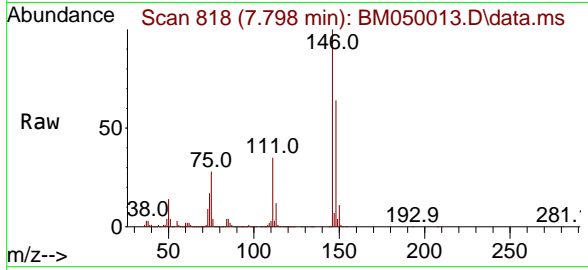




#13  
 1,4-Dichlorobenzene  
 Concen: 46.014 ng  
 RT: 7.798 min Scan# 81  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

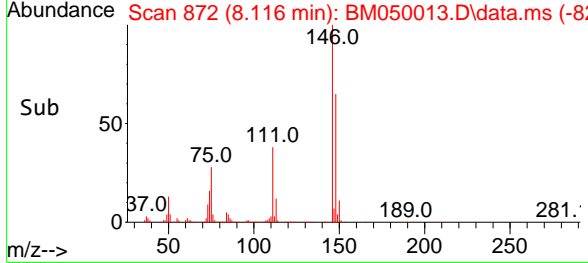
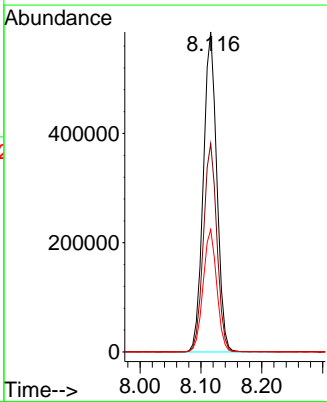
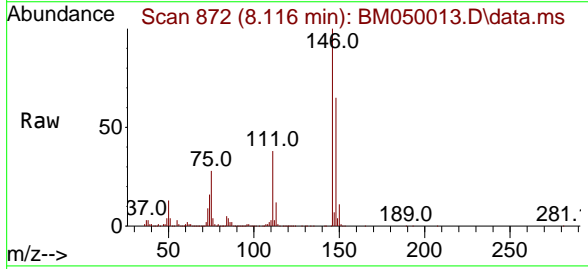
Instrument : BNA\_M  
 ClientSampleId : 72-12013MS

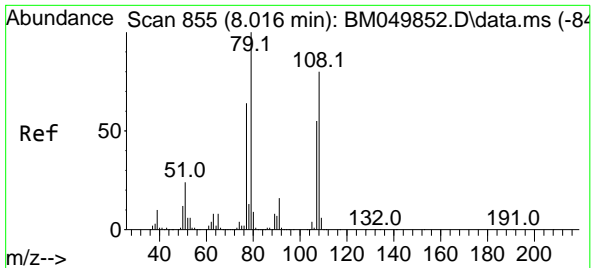
Tgt Ion	Resp	Lower	Upper
146	100		
148	64.3	52.4	78.6
111	35.4	28.5	42.7



#14  
 1,2-Dichlorobenzene  
 Concen: 46.430 ng  
 RT: 8.116 min Scan# 872  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

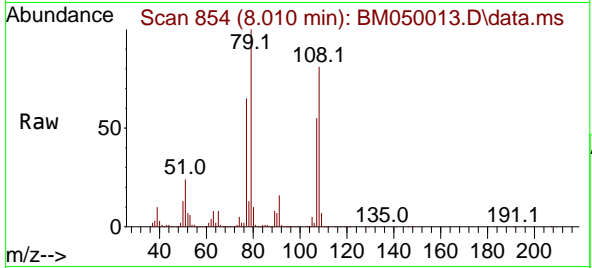
Tgt Ion	Resp	Lower	Upper
146	100		
148	65.1	51.8	77.8
111	38.3	30.2	45.4





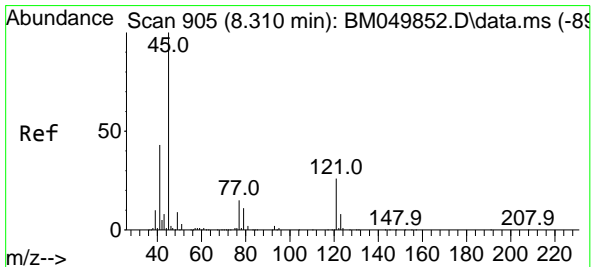
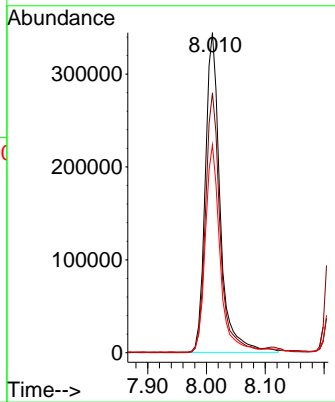
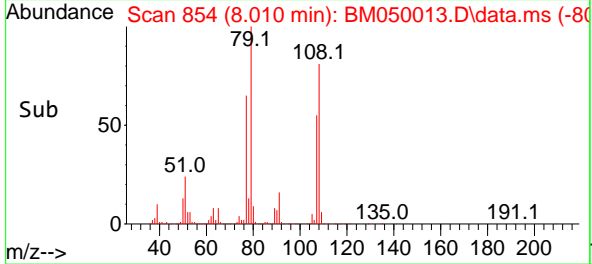
#15  
 Benzyl Alcohol  
 Concen: 45.390 ng  
 RT: 8.010 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

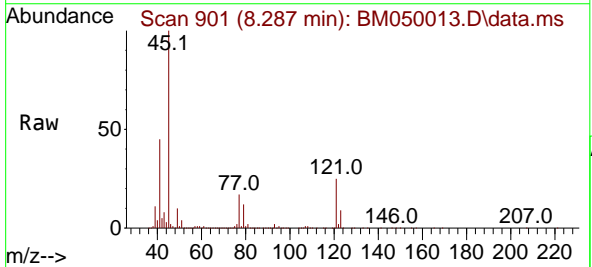


Tgt Ion: 79 Resp: 602897

Ion	Ratio	Lower	Upper
79	100		
108	81.2	63.6	95.4
77	65.0	51.3	76.9

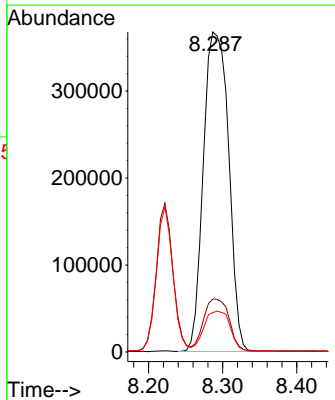
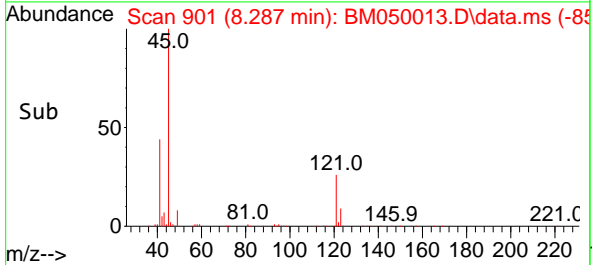


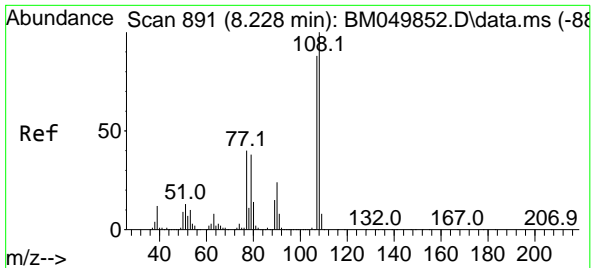
#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 48.314 ng  
 RT: 8.287 min Scan# 901  
 Delta R.T. -0.023 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion: 45 Resp: 869249

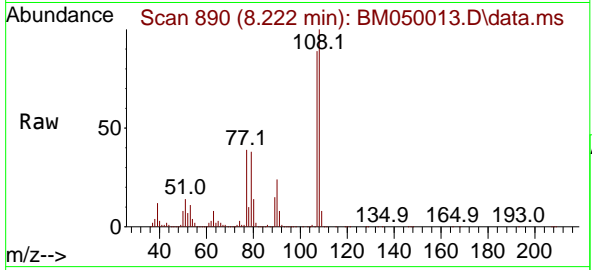
Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.9
79	12.3	0.0	32.9





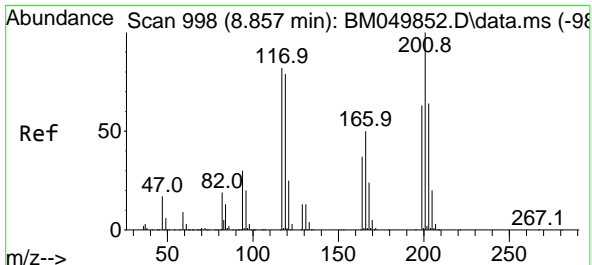
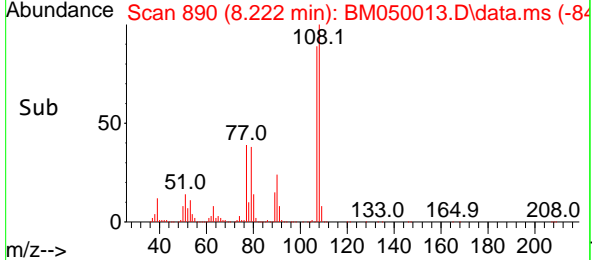
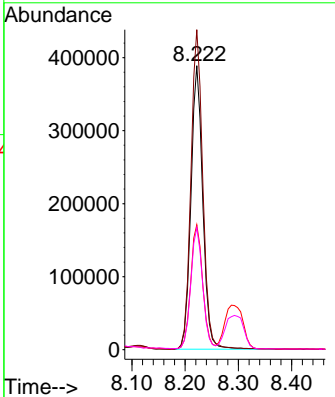
#17  
 2-Methylphenol  
 Concen: 47.334 ng  
 RT: 8.222 min Scan# 891  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument : BNA\_M  
 ClientSampleId : 72-12013MS



Tgt Ion:107 Resp: 600425

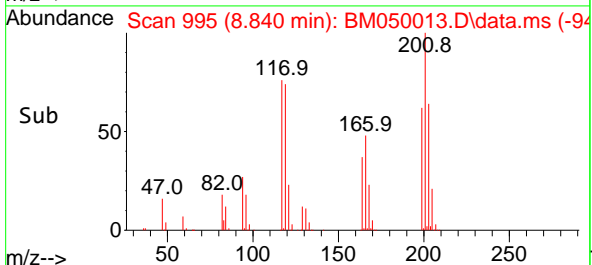
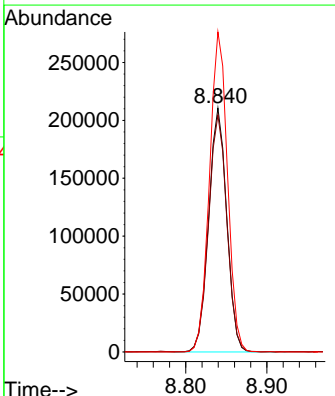
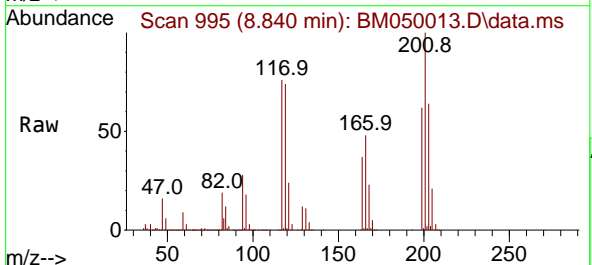
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.0	136.6
77	44.0	36.5	54.7
79	42.9	34.6	51.8

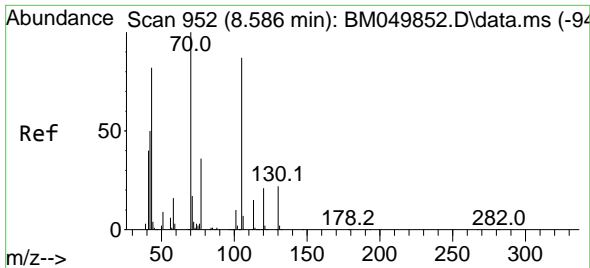


#18  
 Hexachloroethane  
 Concen: 45.519 ng  
 RT: 8.840 min Scan# 995  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:117 Resp: 327314

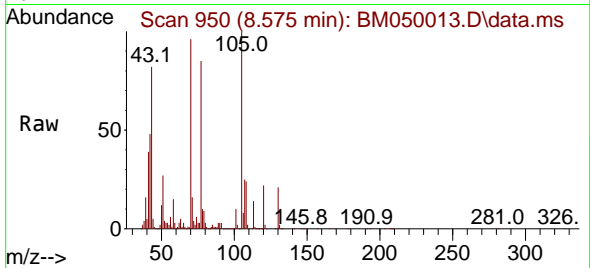
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.5	116.3
201	131.2	97.7	146.5



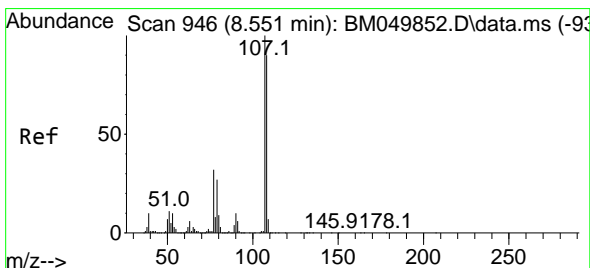
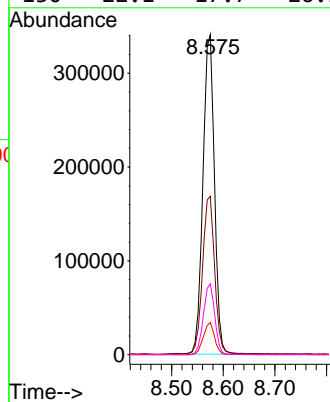
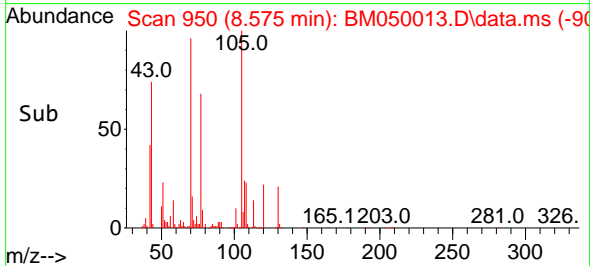


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 45.195 ng  
 RT: 8.575 min Scan# 911  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

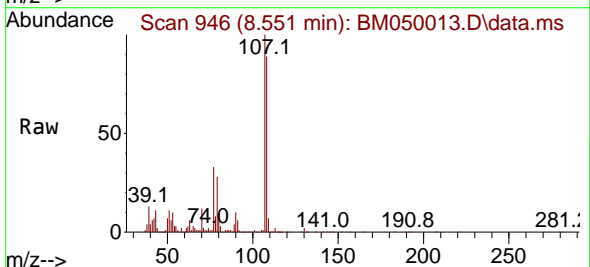
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



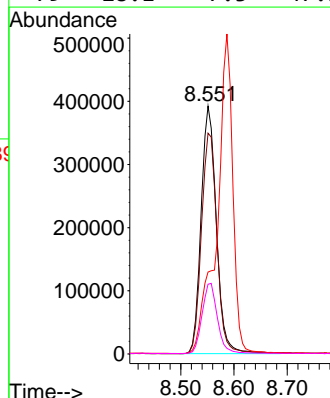
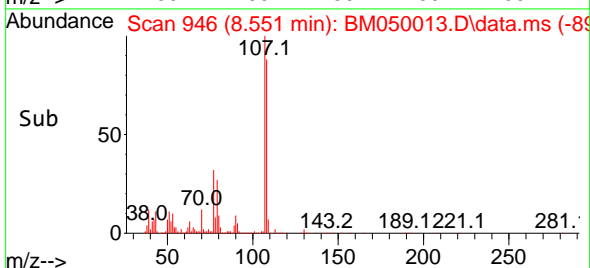
Tgt Ion: 70 Resp: 527998  
 Ion Ratio Lower Upper  
 70 100  
 42 49.5 40.2 60.2  
 101 10.1 7.9 11.9  
 130 22.1 17.7 26.5

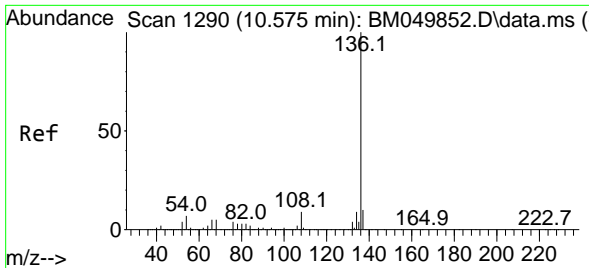


#20  
 3+4-Methylphenols  
 Concen: 45.176 ng  
 RT: 8.551 min Scan# 946  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



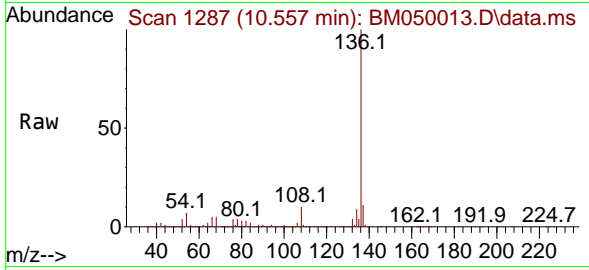
Tgt Ion: 107 Resp: 781259  
 Ion Ratio Lower Upper  
 107 100  
 108 89.1 69.6 109.6  
 77 33.1 11.7 51.7  
 79 28.1 7.3 47.3



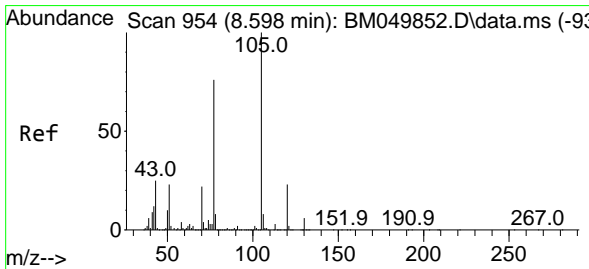
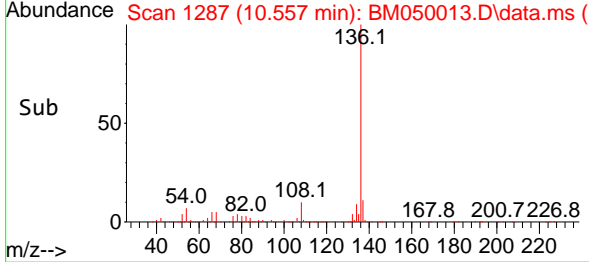
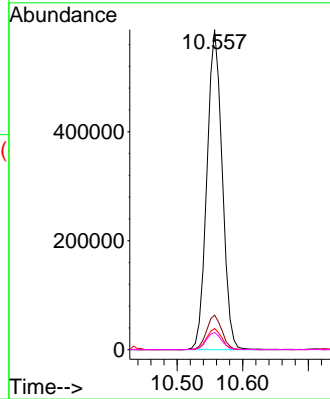


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.557 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

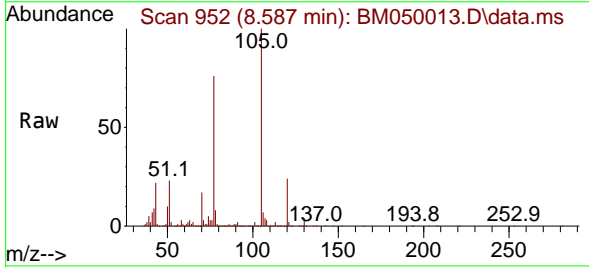
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



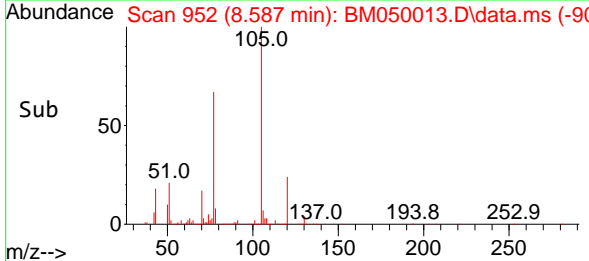
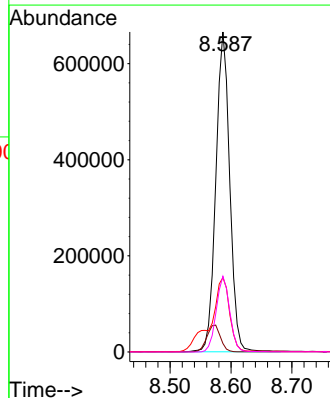
Tgt Ion:136 Resp: 952796  
 Ion Ratio Lower Upper  
 136 100  
 137 10.8 8.4 12.6  
 54 6.6 5.3 7.9  
 68 5.4 4.3 6.5

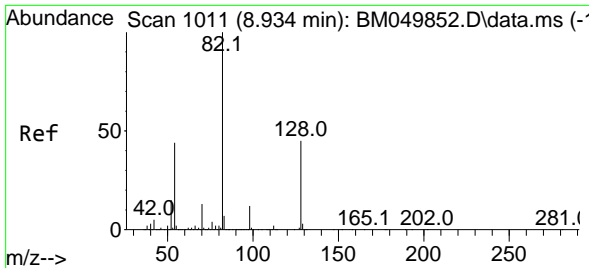


#22  
 Acetophenone  
 Concen: 45.693 ng  
 RT: 8.587 min Scan# 952  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:105 Resp: 1058064  
 Ion Ratio Lower Upper  
 105 100  
 71 2.7 3.0 4.4#  
 51 23.2 18.6 27.8  
 120 23.7 18.5 27.7

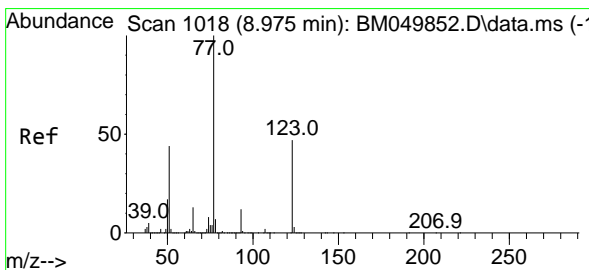
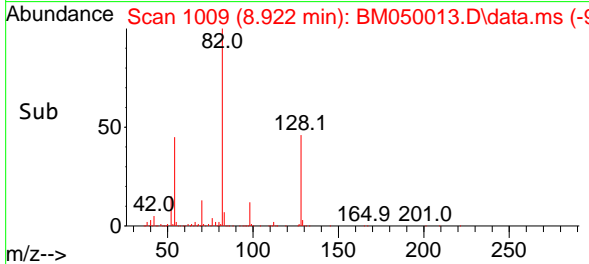
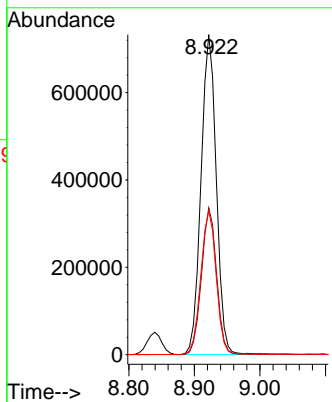
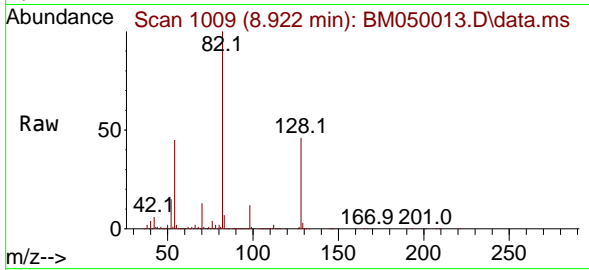




#23  
 Nitrobenzene-d5  
 Concen: 69.436 ng  
 RT: 8.922 min Scan# 1010  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

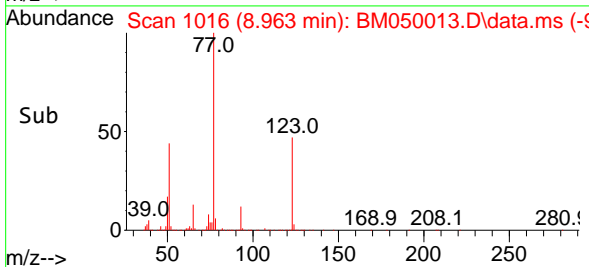
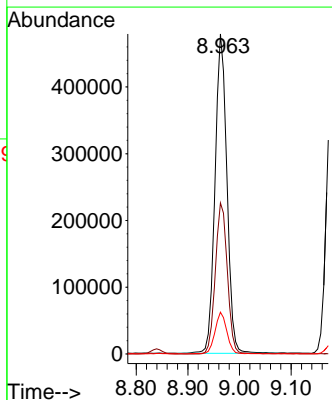
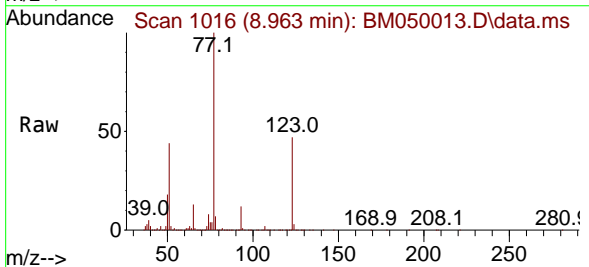
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion: 82 Resp: 1188077  
 Ion Ratio Lower Upper  
 82 100  
 128 45.9 36.2 54.2  
 54 44.9 35.0 52.6

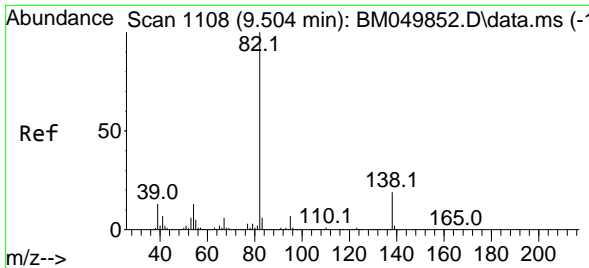


#24  
 Nitrobenzene  
 Concen: 46.419 ng  
 RT: 8.963 min Scan# 1016  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion: 77 Resp: 764779  
 Ion Ratio Lower Upper  
 77 100  
 123 47.2 37.4 56.2  
 65 13.1 10.1 15.1

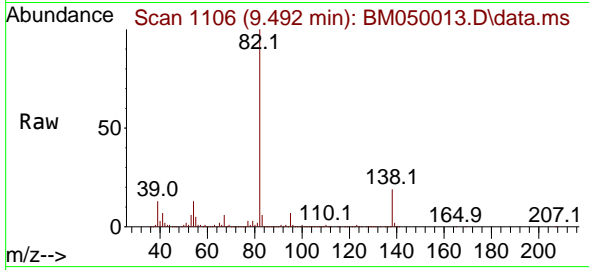




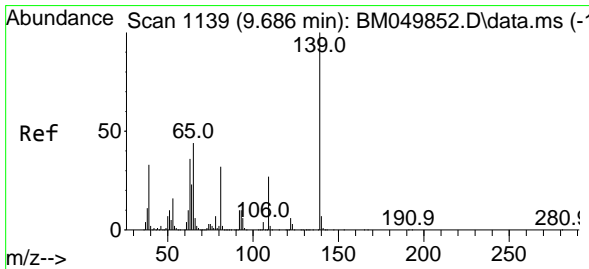
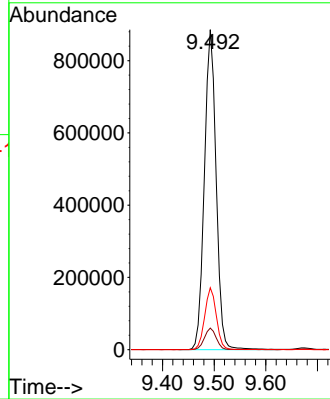
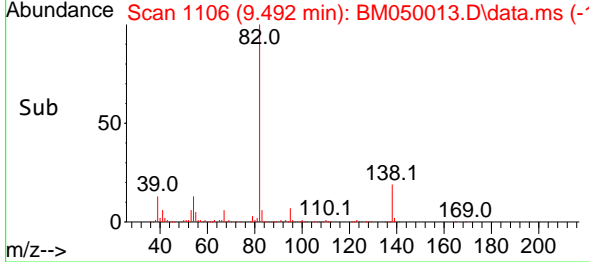


#25  
 Isophorone  
 Concen: 48.668 ng  
 RT: 9.492 min Scan# 1106  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

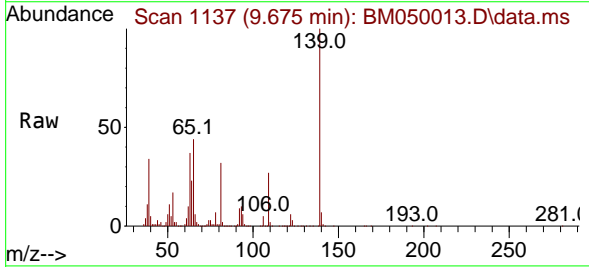
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



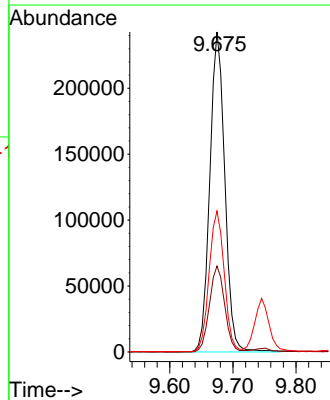
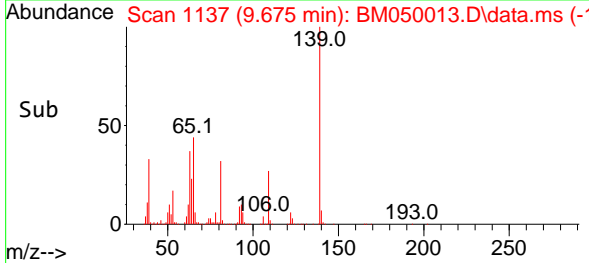
Tgt Ion: 82 Resp: 1394989  
 Ion Ratio Lower Upper  
 82 100  
 95 6.7 5.4 8.2  
 138 19.4 15.0 22.6

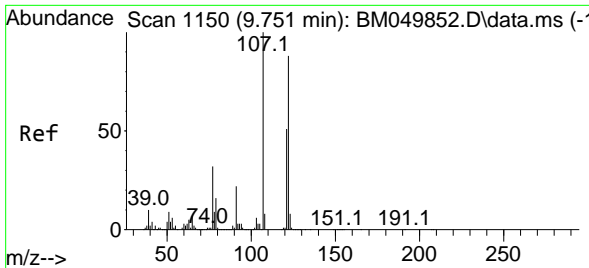


#26  
 2-Nitrophenol  
 Concen: 45.902 ng  
 RT: 9.675 min Scan# 1137  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



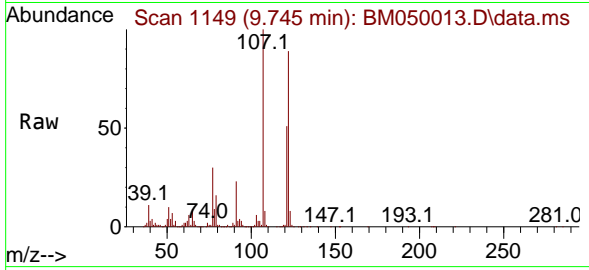
Tgt Ion: 139 Resp: 400838  
 Ion Ratio Lower Upper  
 139 100  
 109 26.8 21.7 32.5  
 65 44.1 35.2 52.8



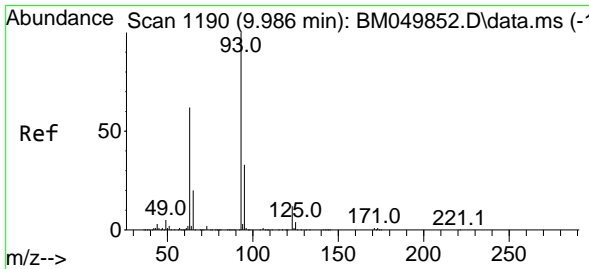
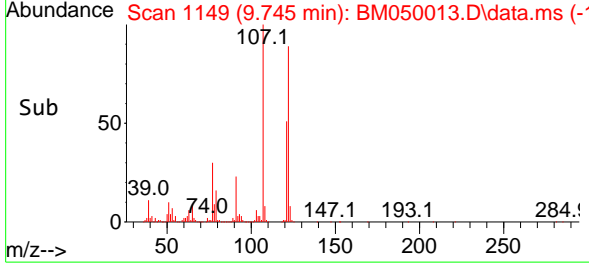
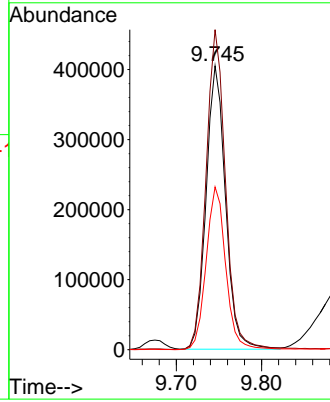


#27  
 2,4-Dimethylphenol  
 Concen: 64.919 ng  
 RT: 9.745 min Scan# 1149  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

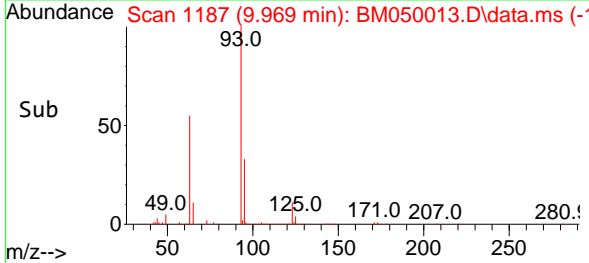
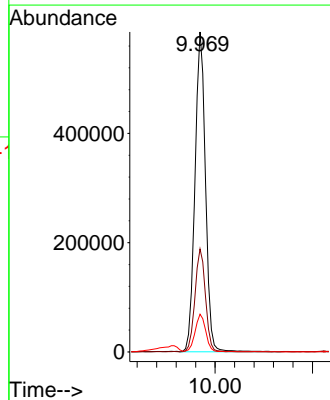
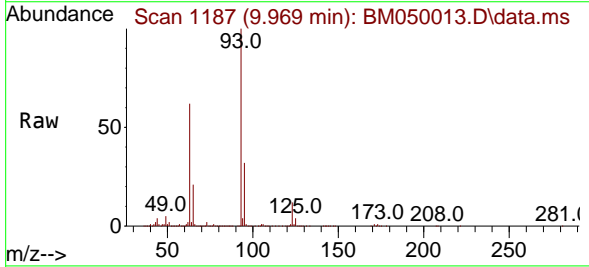


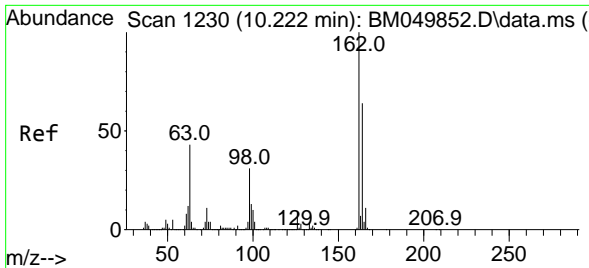
Tgt Ion:122 Resp: 642461  
 Ion Ratio Lower Upper  
 122 100  
 107 112.7 90.3 135.5  
 121 57.4 46.1 69.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.856 ng  
 RT: 9.969 min Scan# 1187  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion: 93 Resp: 879955  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 26.6 40.0  
 123 11.8 9.5 14.3

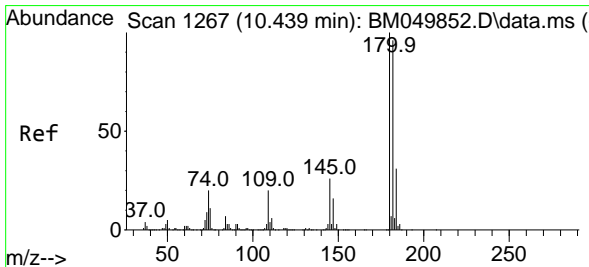
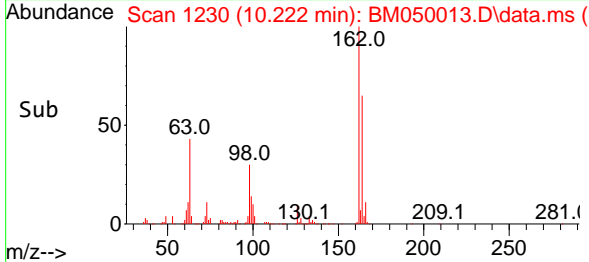
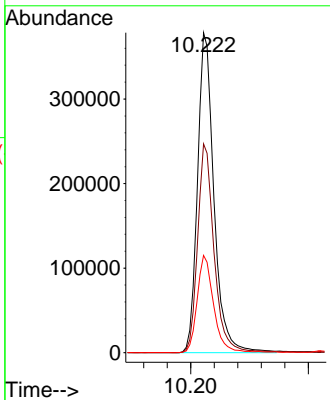
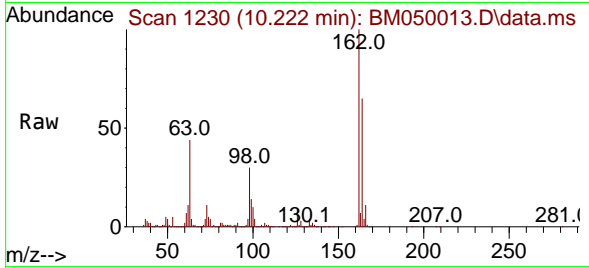




#29  
 2,4-Dichlorophenol  
 Concen: 44.651 ng  
 RT: 10.222 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

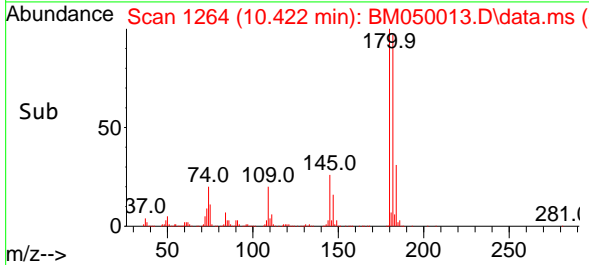
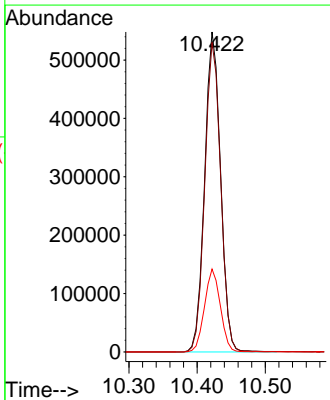
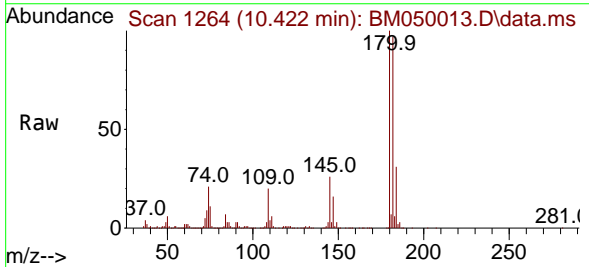
Instrument : BNA\_M  
 ClientSampleId : 72-12013MS

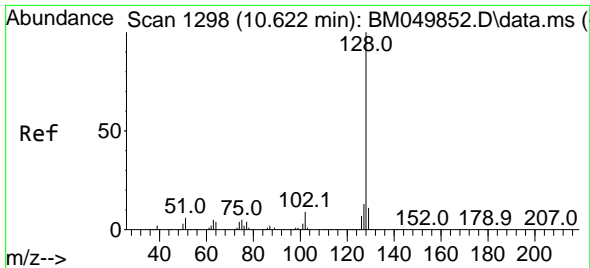
Tgt Ion	Resp	Lower	Upper
162	734513		
162	100		
164	65.3	44.3	84.3
98	30.4	10.9	50.9



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.859 ng  
 RT: 10.422 min Scan# 1264  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion	Resp	Lower	Upper
180	891745		
180	100		
182	96.7	76.7	115.1
145	25.9	20.8	31.2

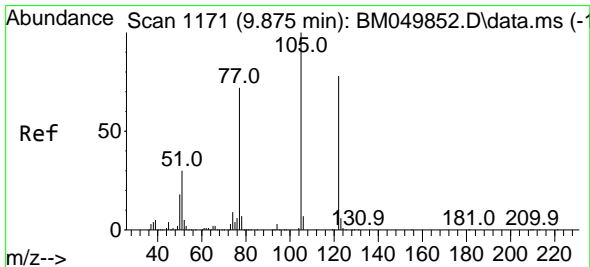
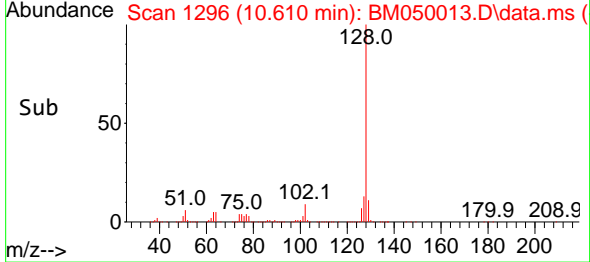
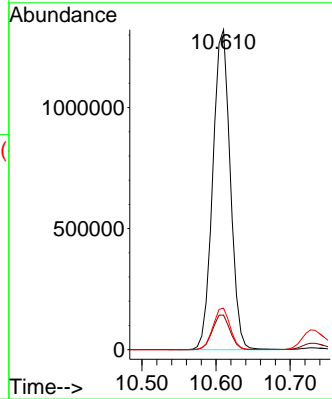
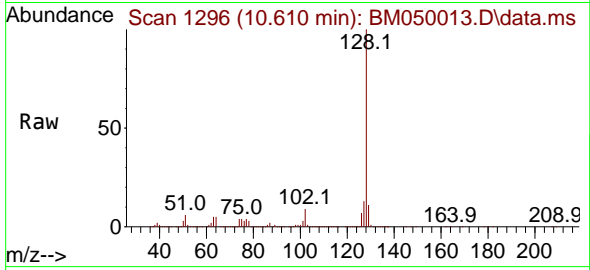




#31  
 Naphthalene  
 Concen: 44.115 ng  
 RT: 10.610 min Scan# 111  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

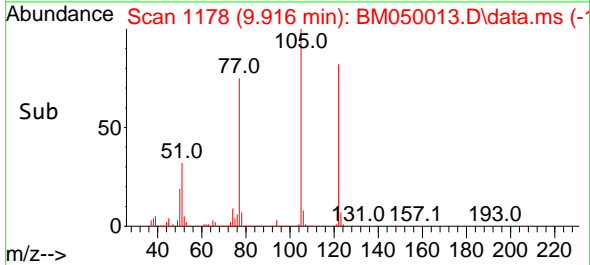
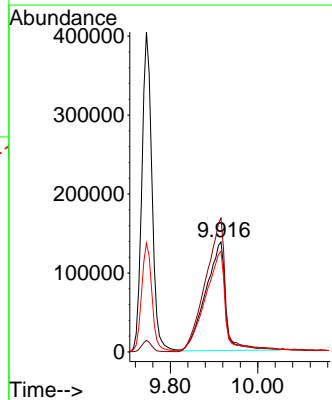
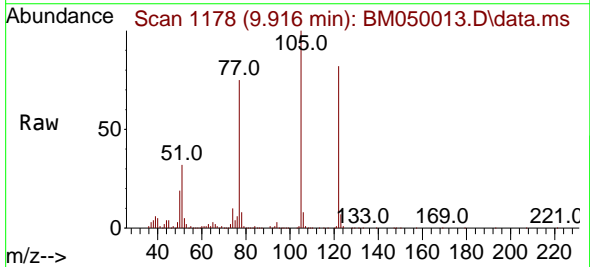
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

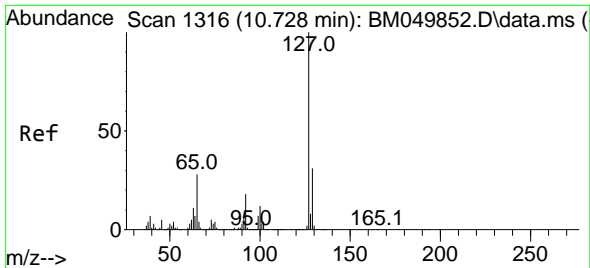
Tgt Ion:128 Resp: 2159823  
 Ion Ratio Lower Upper  
 128 100  
 129 10.8 8.8 13.2  
 127 13.0 10.6 15.8



#32  
 Benzoic acid  
 Concen: 37.796 ng  
 RT: 9.916 min Scan# 1178  
 Delta R.T. 0.041 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

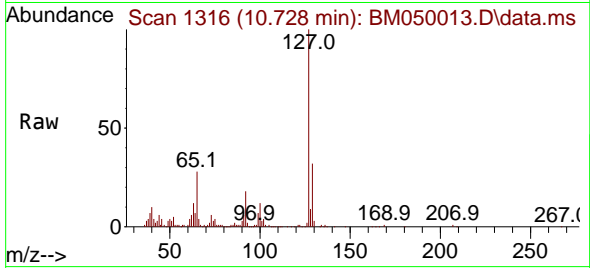
Tgt Ion:122 Resp: 436554  
 Ion Ratio Lower Upper  
 122 100  
 105 121.8 103.8 143.8  
 77 91.4 70.7 110.7





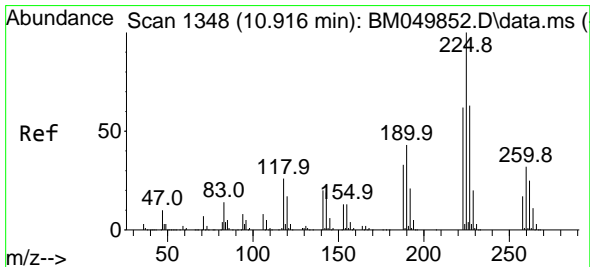
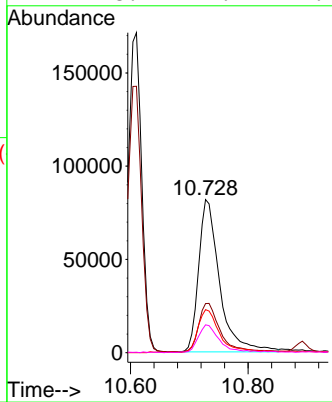
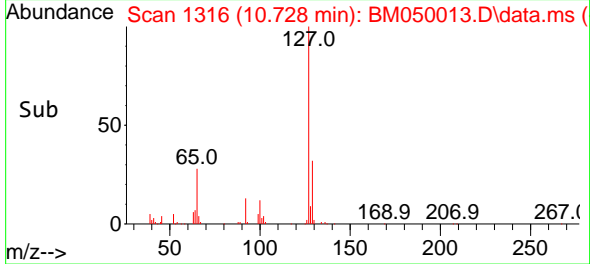
#33  
 4-Chloroaniline  
 Concen: 11.715 ng  
 RT: 10.728 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

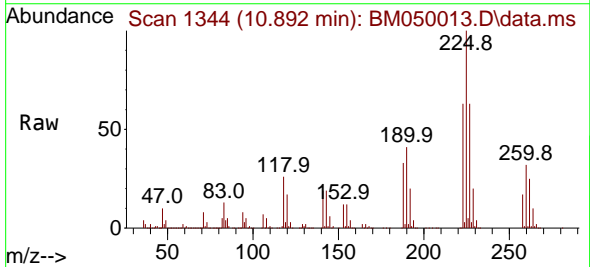


Tgt Ion:127 Resp: 202531

Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.9	37.3
65	28.1	22.4	33.6
92	18.2	14.2	21.4

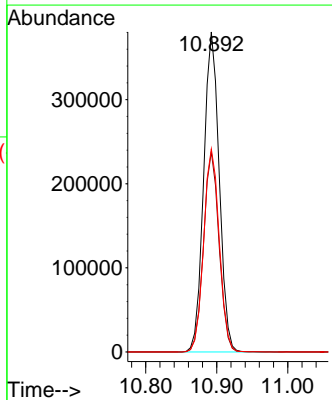
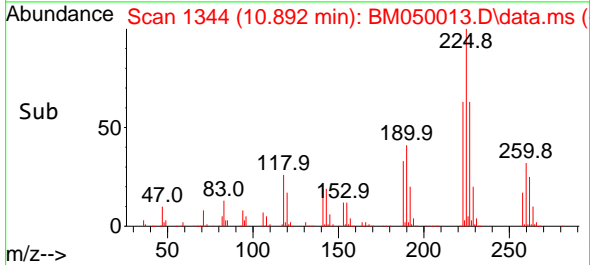


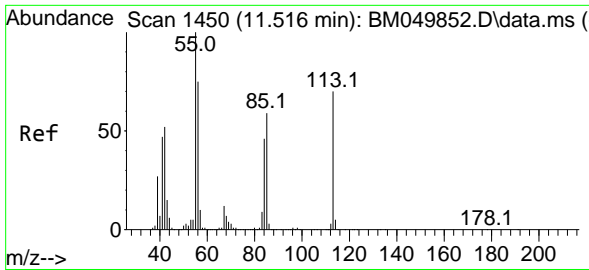
#34  
 Hexachlorobutadiene  
 Concen: 49.172 ng  
 RT: 10.892 min Scan# 1344  
 Delta R.T. -0.023 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:225 Resp: 578827

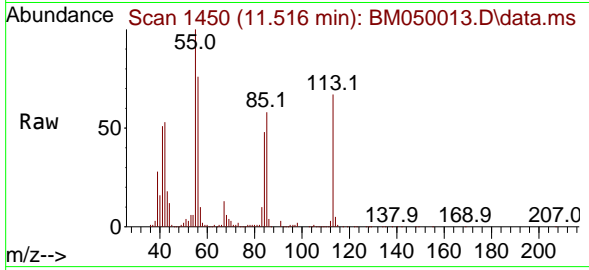
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.2
227	63.4	50.1	75.1



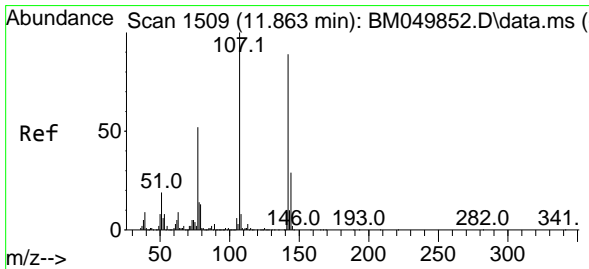
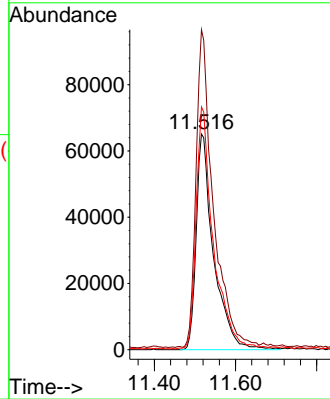
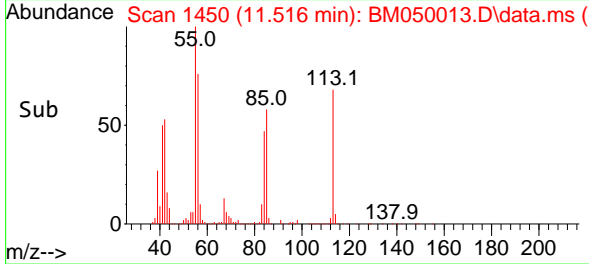


#35  
 Caprolactam  
 Concen: 41.052 ng  
 RT: 11.516 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

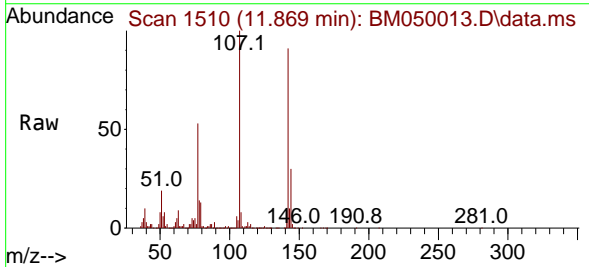
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



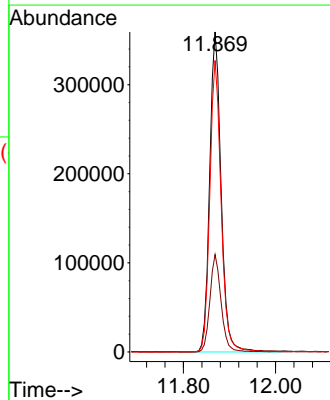
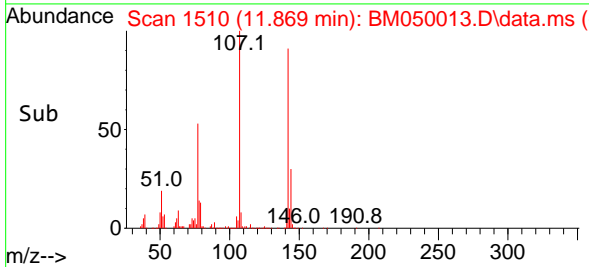
Tgt Ion:113 Resp: 193687  
 Ion Ratio Lower Upper  
 113 100  
 55 148.4 124.3 164.3  
 56 112.6 87.5 127.5

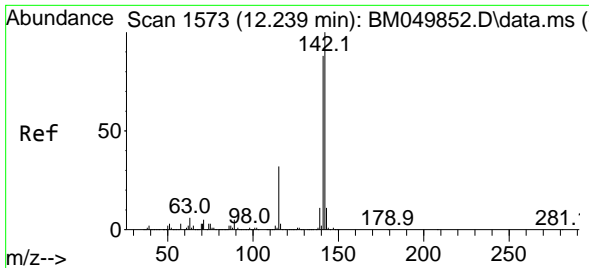


#36  
 4-Chloro-3-methylphenol  
 Concen: 43.327 ng  
 RT: 11.869 min Scan# 1510  
 Delta R.T. 0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



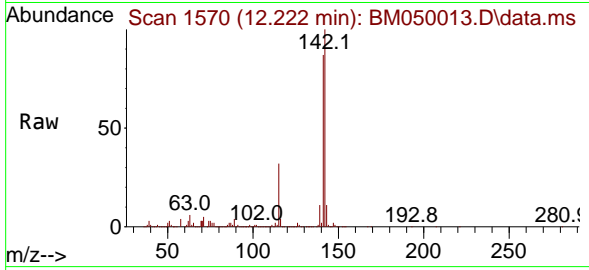
Tgt Ion:107 Resp: 624329  
 Ion Ratio Lower Upper  
 107 100  
 144 30.5 23.6 35.4  
 142 91.1 71.4 107.0



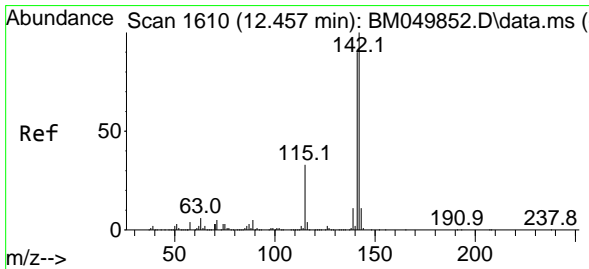
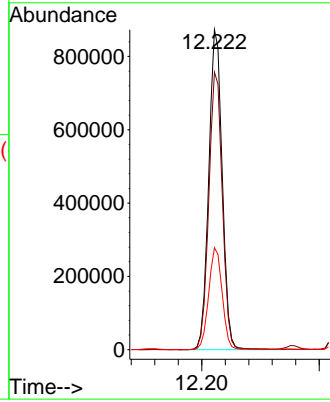
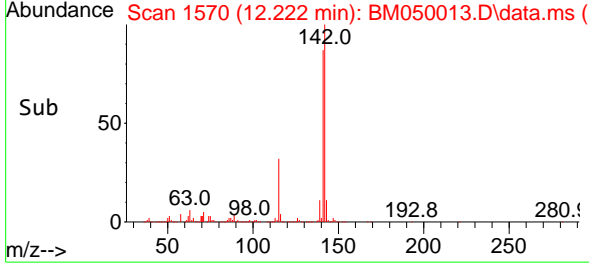


#37  
 2-Methylnaphthalene  
 Concen: 40.207 ng  
 RT: 12.222 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

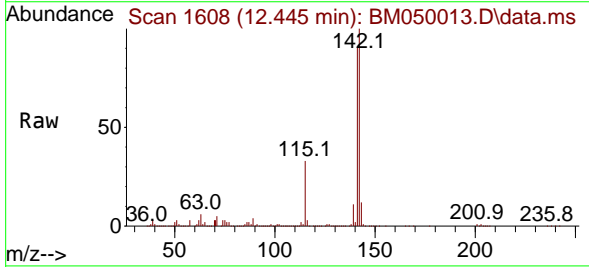
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



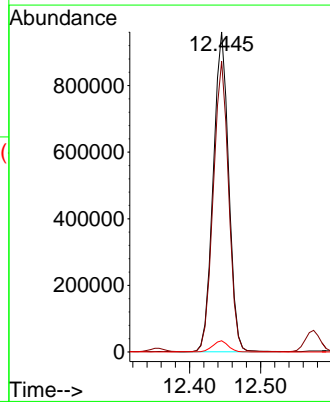
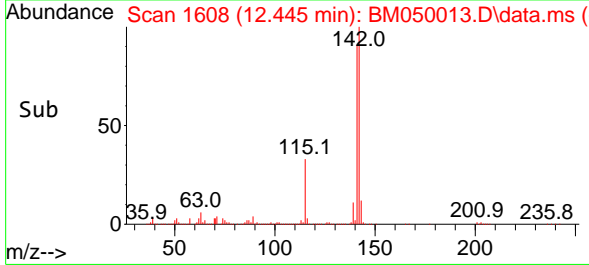
Tgt Ion:142 Resp: 1386917  
 Ion Ratio Lower Upper  
 142 100  
 141 86.8 70.2 105.2  
 115 31.9 25.4 38.2

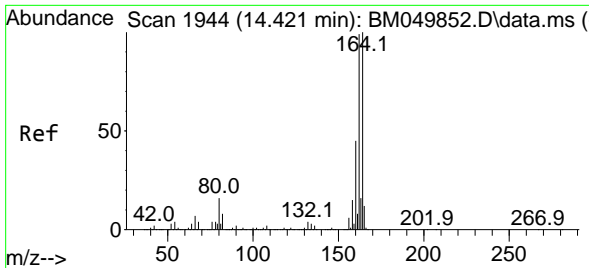


#38  
 1-Methylnaphthalene  
 Concen: 43.087 ng  
 RT: 12.445 min Scan# 1608  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



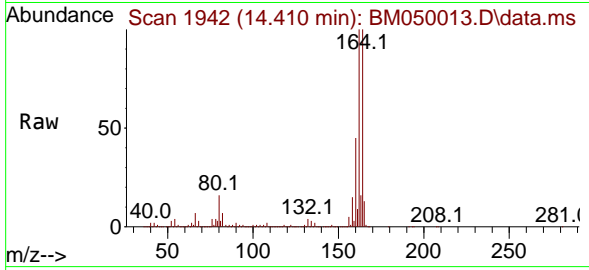
Tgt Ion:142 Resp: 1447966  
 Ion Ratio Lower Upper  
 142 100  
 141 90.9 72.2 108.2  
 116 3.5 2.9 4.3



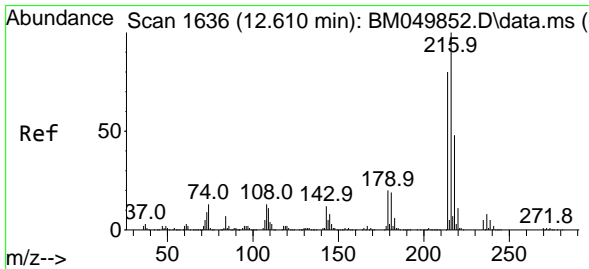
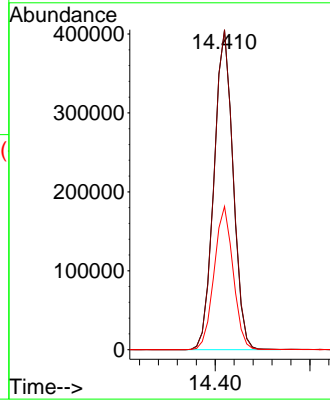
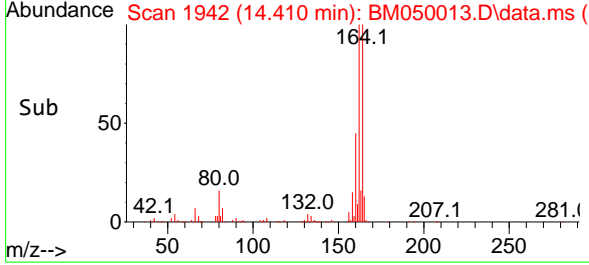


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.410 min Scan# 1942  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

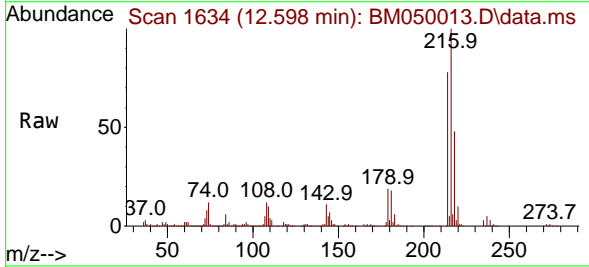
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



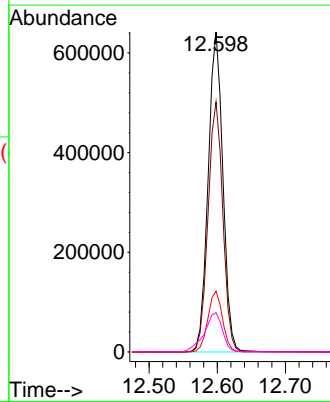
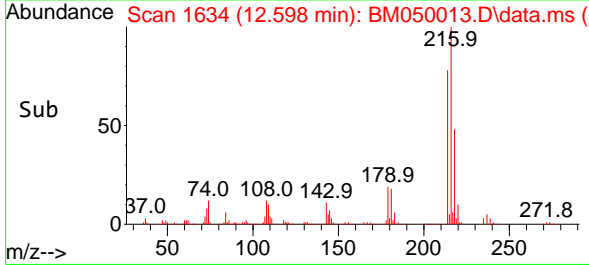
Tgt Ion:164 Resp: 566920  
 Ion Ratio Lower Upper  
 164 100  
 162 100.1 79.4 119.0  
 160 44.8 36.2 54.2



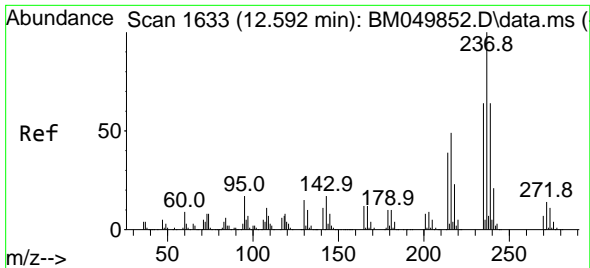
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.676 ng  
 RT: 12.598 min Scan# 1634  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:216 Resp: 965424  
 Ion Ratio Lower Upper  
 216 100  
 214 78.5 63.2 94.8  
 179 19.0 15.8 23.6  
 108 15.2 11.5 17.3

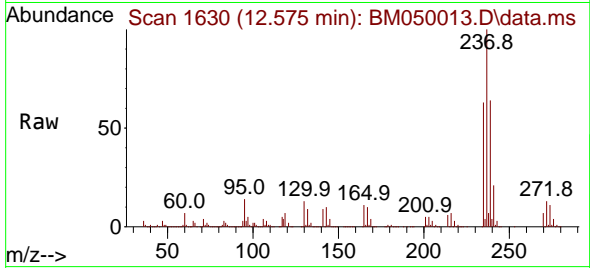




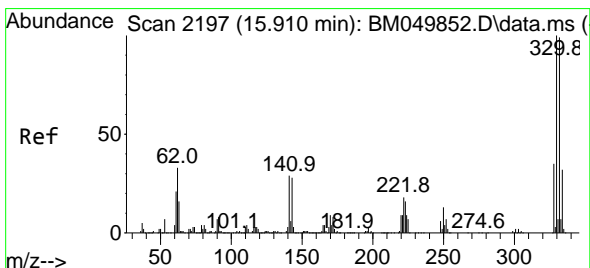
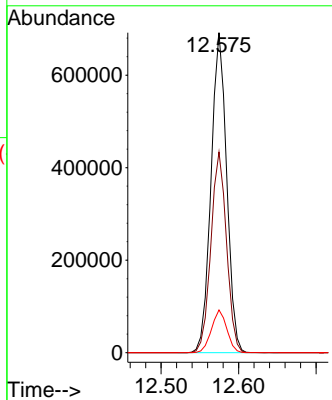
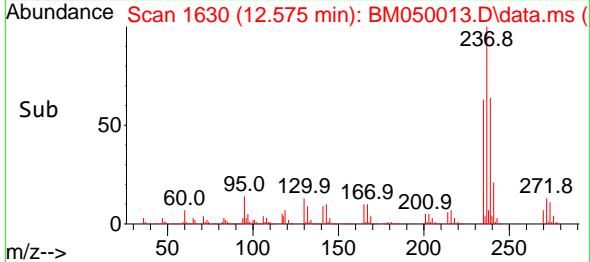


#41  
 Hexachlorocyclopentadiene  
 Concen: 139.386 ng  
 RT: 12.575 min Scan# 1630  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

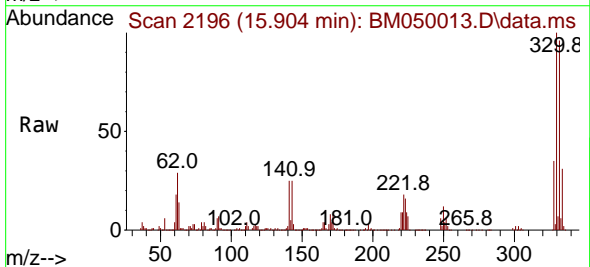
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



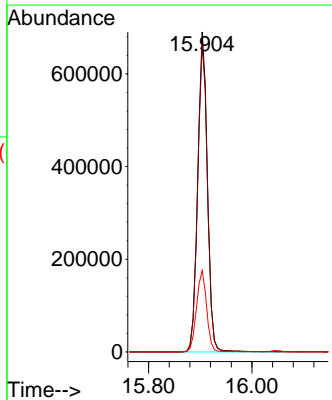
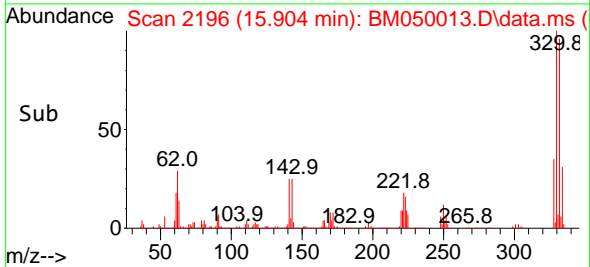
Tgt Ion:237 Resp: 968699  
 Ion Ratio Lower Upper  
 237 100  
 235 62.7 43.7 83.7  
 272 13.4 0.0 33.5

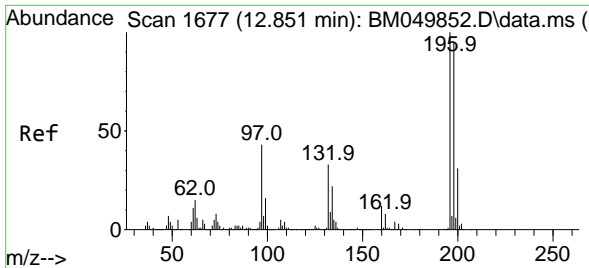


#42  
 2,4,6-Tribromophenol  
 Concen: 109.105 ng  
 RT: 15.904 min Scan# 2196  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:330 Resp: 899687  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 78.0 117.0  
 141 26.6 23.5 35.3

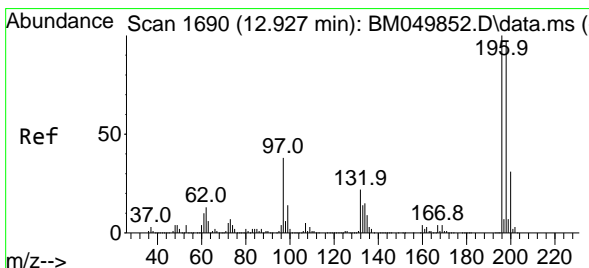
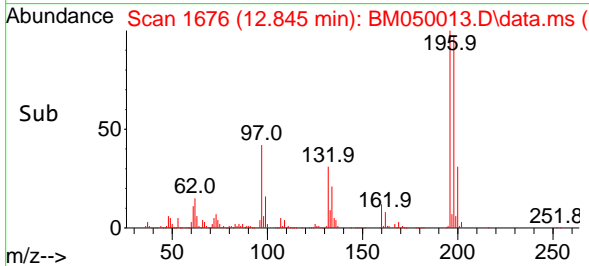
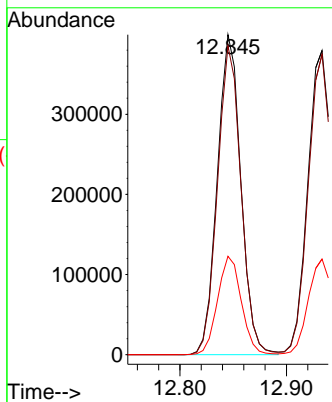
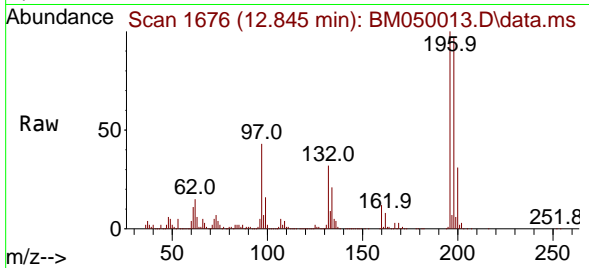




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.606 ng  
 RT: 12.845 min Scan# 1676  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

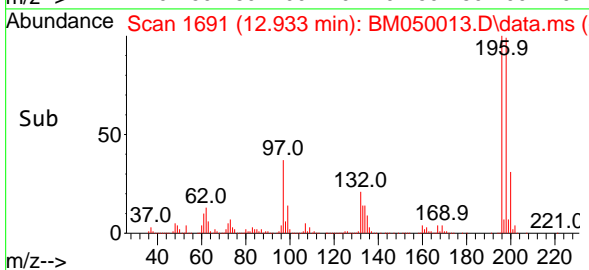
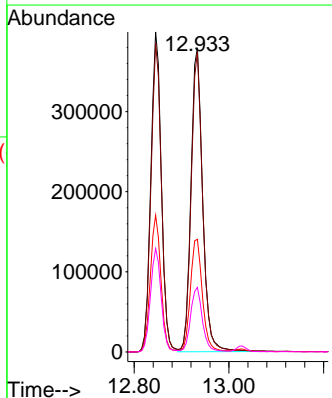
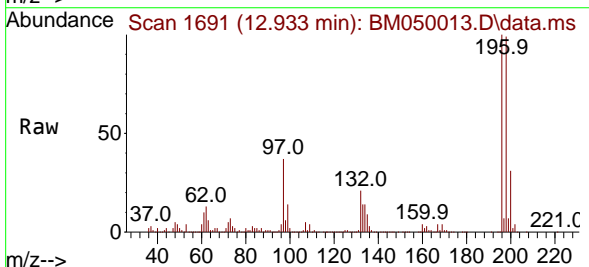
Instrument : BNA\_M  
 ClientSampleId : 72-12013MS

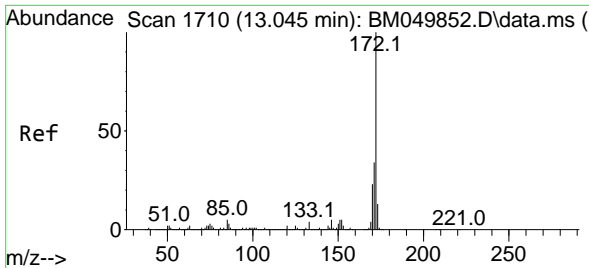
Tgt Ion	Resp	Lower	Upper
196	613446		
196	100		
198	96.5	76.1	114.1
200	30.7	24.7	37.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.547 ng  
 RT: 12.933 min Scan# 1691  
 Delta R.T. 0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

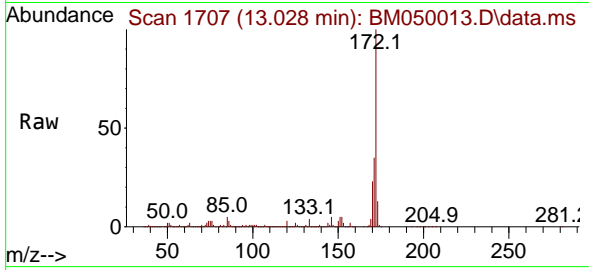
Tgt Ion	Resp	Lower	Upper
196	652115		
196	100		
198	98.7	77.7	116.5
97	37.0	30.3	45.5
132	21.3	17.3	25.9



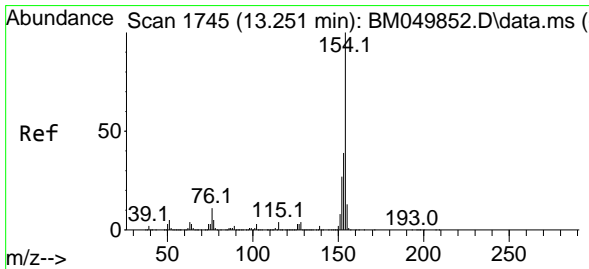
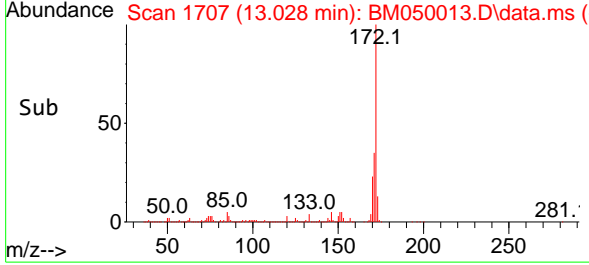
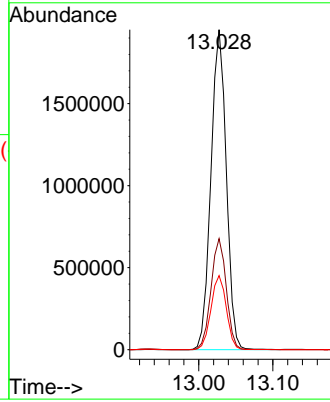


#45  
 2-Fluorobiphenyl  
 Concen: 67.121 ng  
 RT: 13.028 min Scan# 1707  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

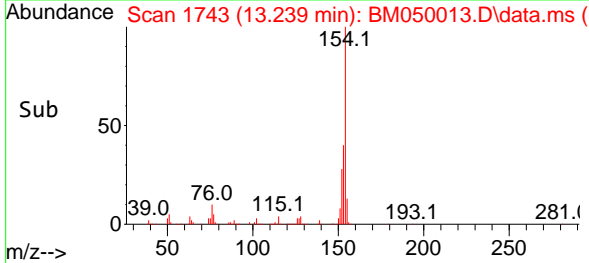
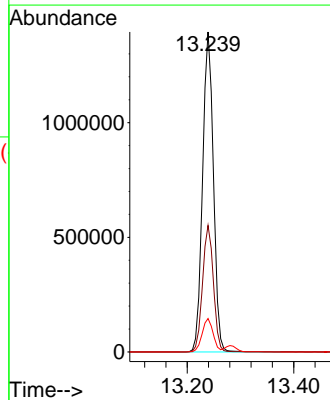
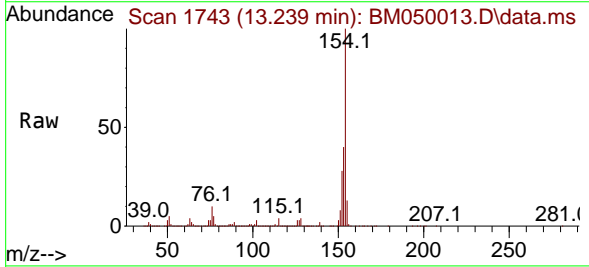


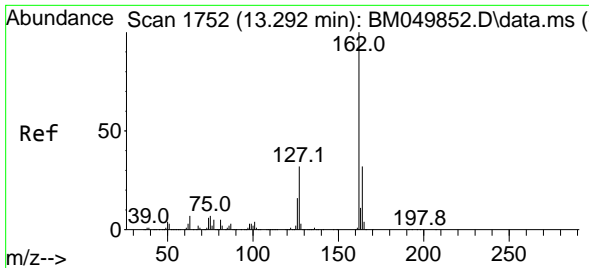
Tgt Ion:172 Resp: 2806180  
 Ion Ratio Lower Upper  
 172 100  
 171 34.7 27.4 41.2  
 170 23.2 18.6 28.0



#46  
 1,1'-Biphenyl  
 Concen: 46.686 ng  
 RT: 13.239 min Scan# 1743  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:154 Resp: 1967507  
 Ion Ratio Lower Upper  
 154 100  
 153 39.6 19.3 59.3  
 76 10.4 0.0 30.7



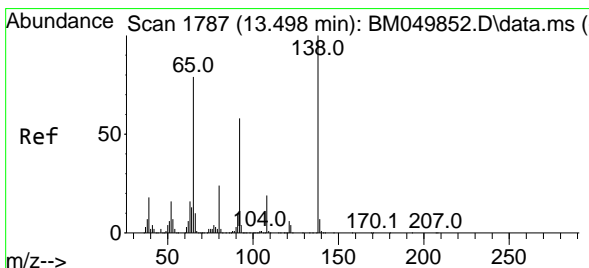
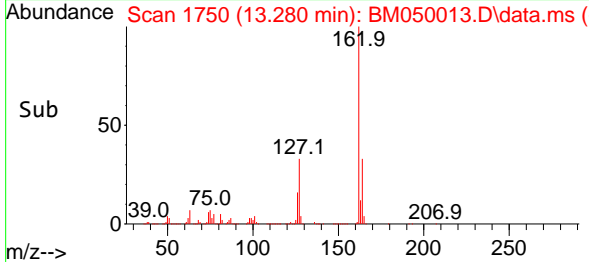
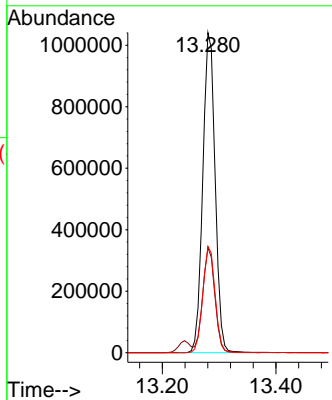
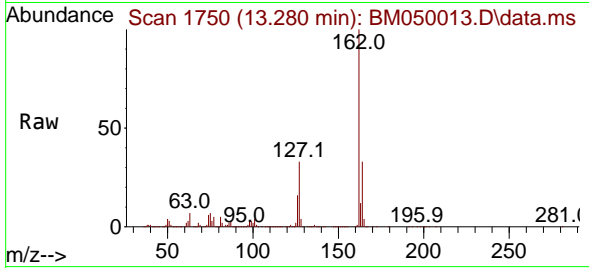


#47  
 2-Chloronaphthalene  
 Concen: 47.319 ng  
 RT: 13.280 min Scan# 1  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:162 Resp: 1567374

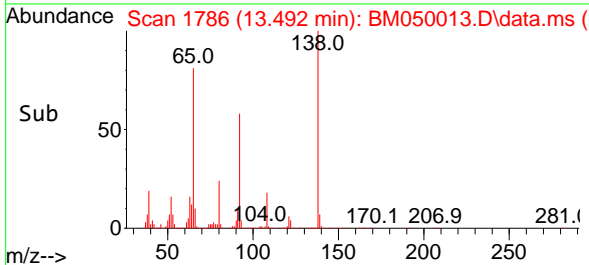
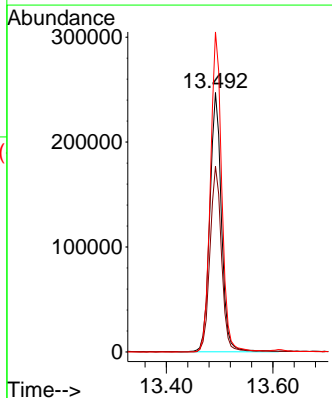
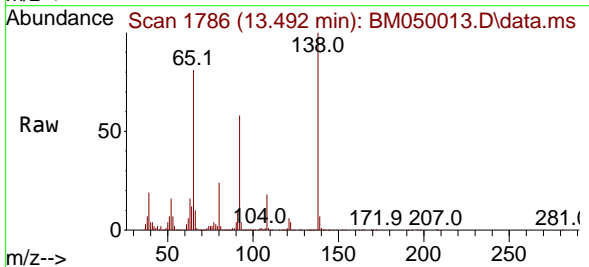
Ion	Ratio	Lower	Upper
162	100		
127	32.8	26.0	39.0
164	33.2	25.9	38.9

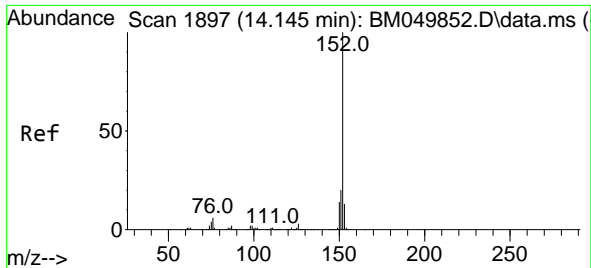


#48  
 2-Nitroaniline  
 Concen: 48.929 ng  
 RT: 13.492 min Scan# 1786  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion: 65 Resp: 374946

Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.4	87.6
138	123.3	100.8	151.2

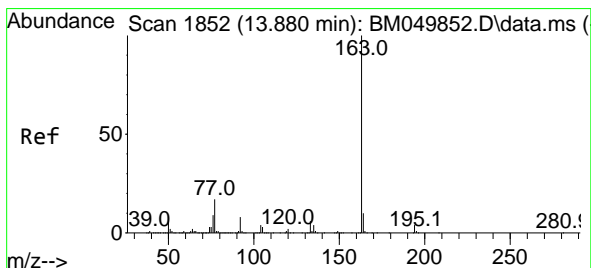
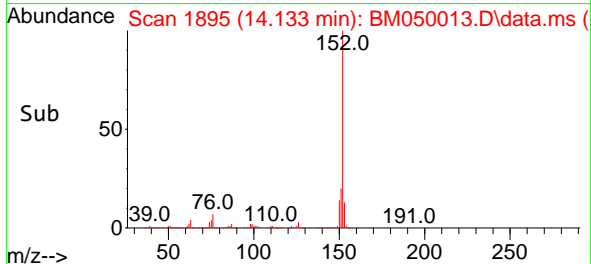
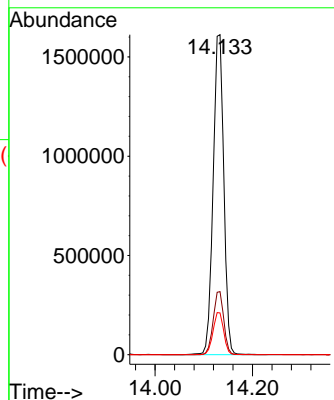
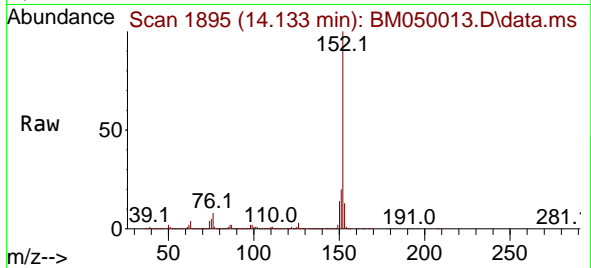




#49  
 Acenaphthylene  
 Concen: 50.466 ng  
 RT: 14.133 min Scan# 1895  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

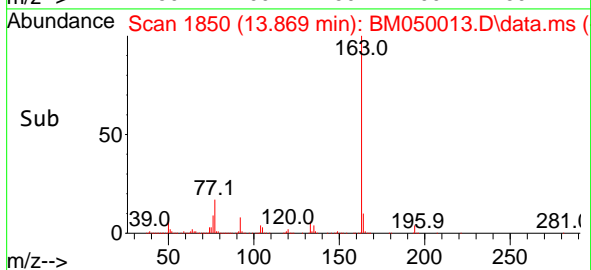
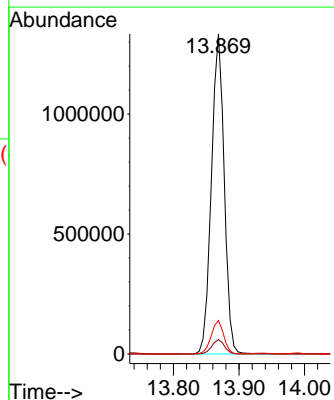
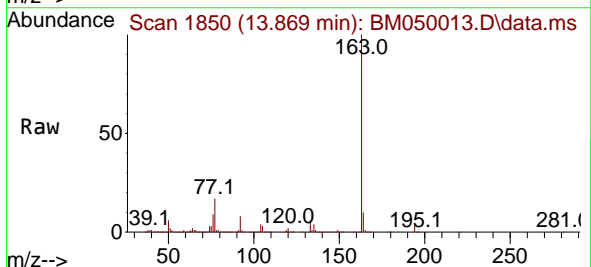
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

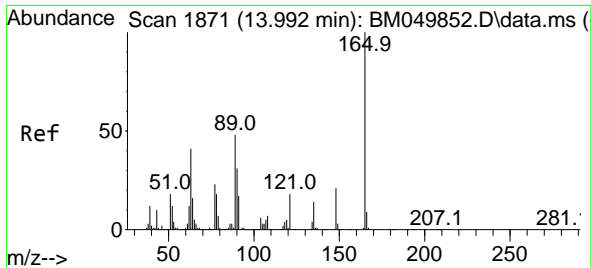
Tgt Ion:152 Resp: 2434980  
 Ion Ratio Lower Upper  
 152 100  
 151 19.7 15.7 23.5  
 153 13.1 10.4 15.6



#50  
 Dimethylphthalate  
 Concen: 45.248 ng  
 RT: 13.869 min Scan# 1850  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:163 Resp: 1809730  
 Ion Ratio Lower Upper  
 163 100  
 194 4.5 3.5 5.3  
 164 10.4 7.9 11.9



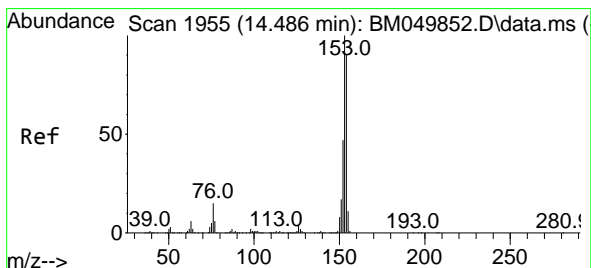
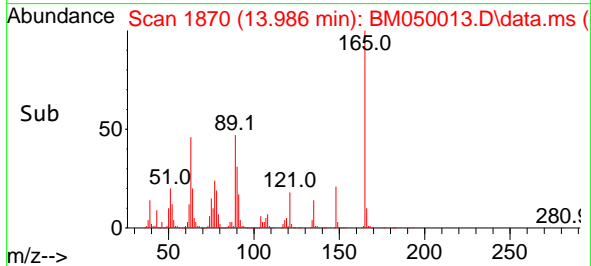
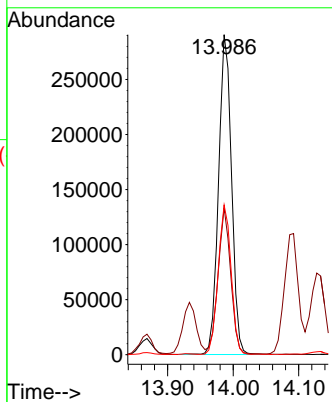
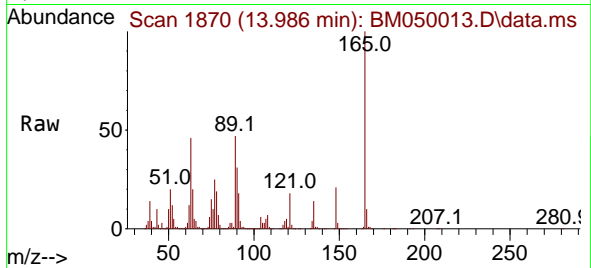


#51  
 2,6-Dinitrotoluene  
 Concen: 47.560 ng  
 RT: 13.986 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:165 Resp: 398532

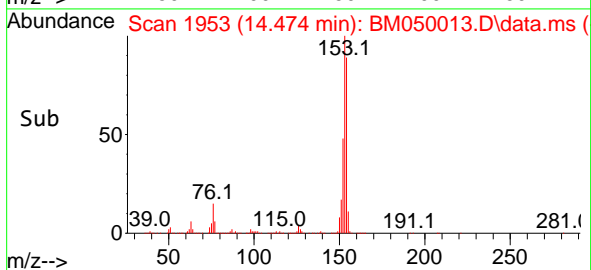
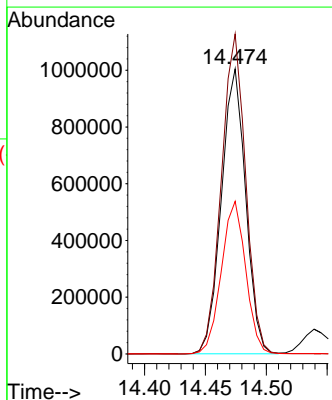
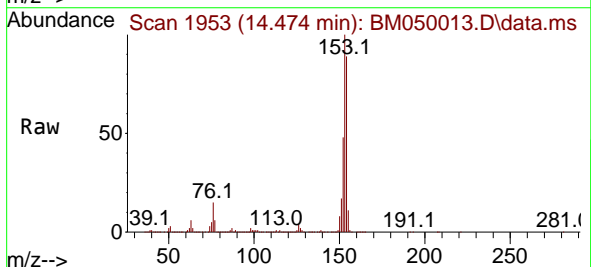
Ion	Ratio	Lower	Upper
165	100		
63	45.9	36.1	54.1
89	46.8	38.3	57.5

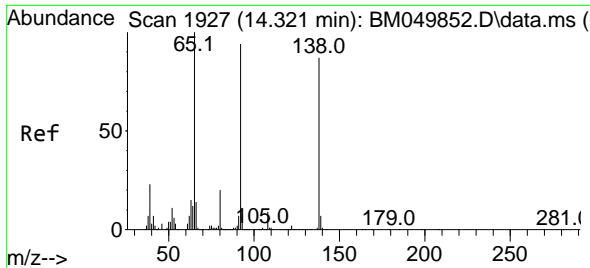


#52  
 Acenaphthene  
 Concen: 45.456 ng  
 RT: 14.474 min Scan# 1953  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:154 Resp: 1395096

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.3	133.9
152	53.6	42.2	63.2

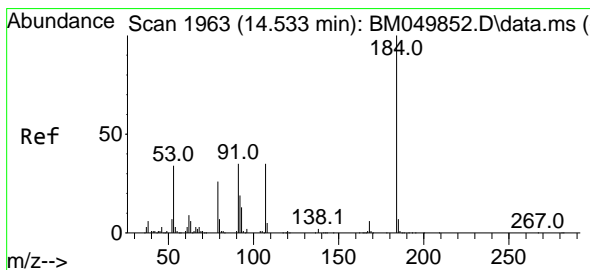
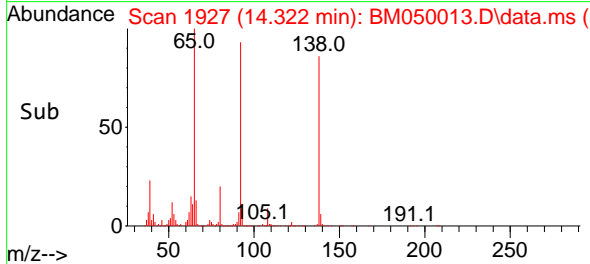
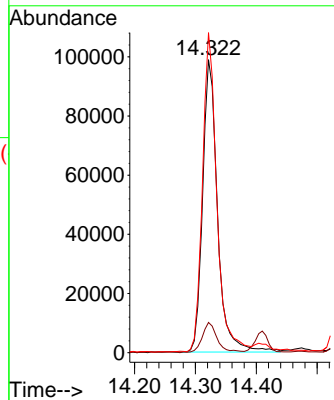
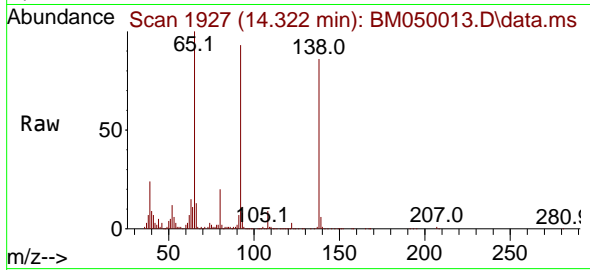




#53  
 3-Nitroaniline  
 Concen: 20.820 ng  
 RT: 14.322 min Scan# 1927  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

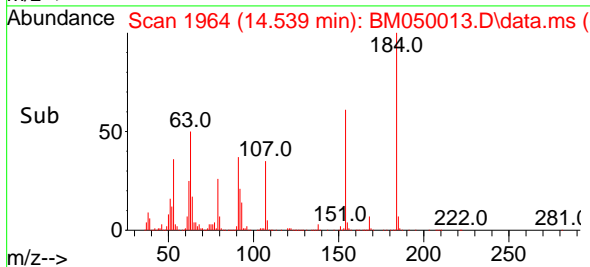
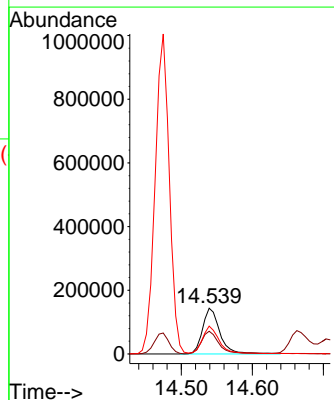
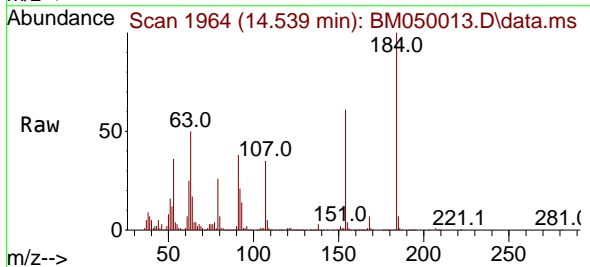
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

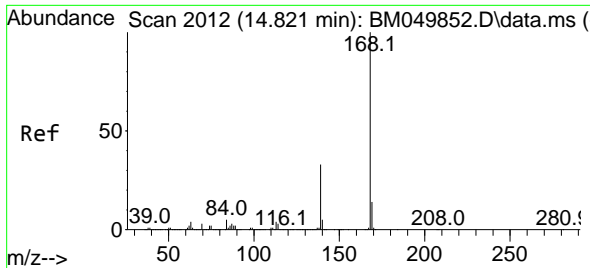
Tgt Ion:138 Resp: 168622  
 Ion Ratio Lower Upper  
 138 100  
 108 10.3 8.1 12.1  
 92 109.2 86.5 129.7



#54  
 2,4-Dinitrophenol  
 Concen: 43.999 ng  
 RT: 14.539 min Scan# 1964  
 Delta R.T. 0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:184 Resp: 245313  
 Ion Ratio Lower Upper  
 184 100  
 63 49.7 38.4 57.6  
 154 60.9 48.1 72.1

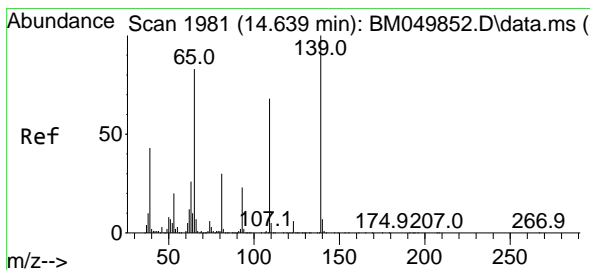
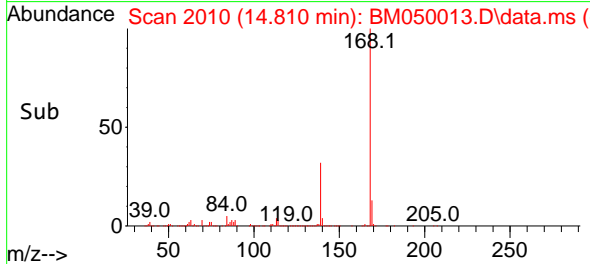
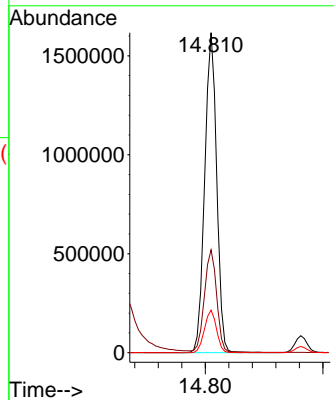
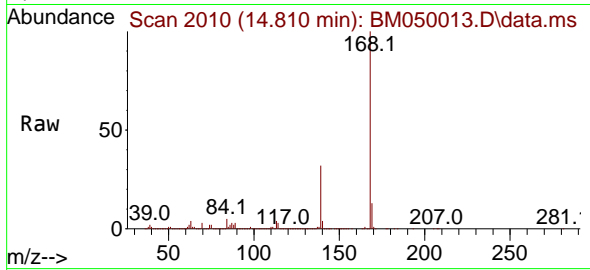




#55  
 Dibenzofuran  
 Concen: 44.334 ng  
 RT: 14.810 min Scan# 2012  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

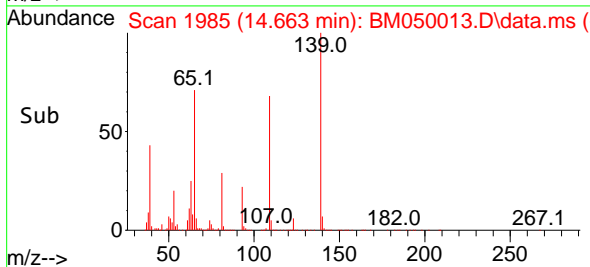
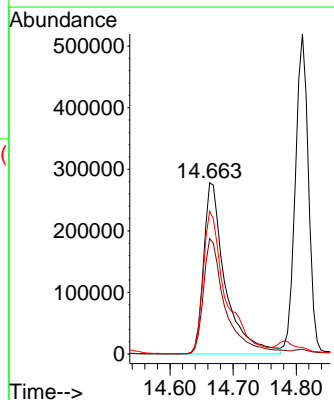
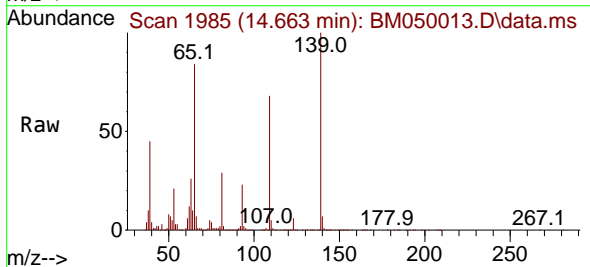
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:168 Resp: 2274585  
 Ion Ratio Lower Upper  
 168 100  
 139 32.2 26.6 39.8  
 169 13.3 11.0 16.4

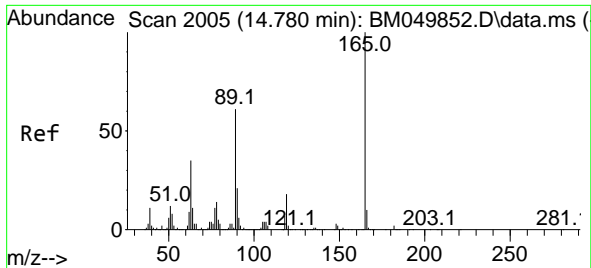


#56  
 4-Nitrophenol  
 Concen: 92.080 ng  
 RT: 14.663 min Scan# 1985  
 Delta R.T. 0.024 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:139 Resp: 664558  
 Ion Ratio Lower Upper  
 139 100  
 109 67.5 47.9 87.9  
 65 83.5 62.7 102.7

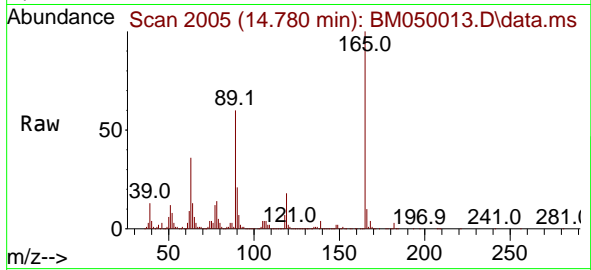






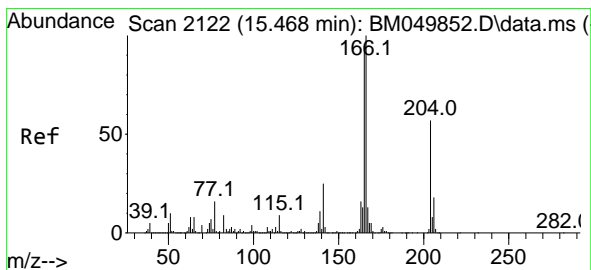
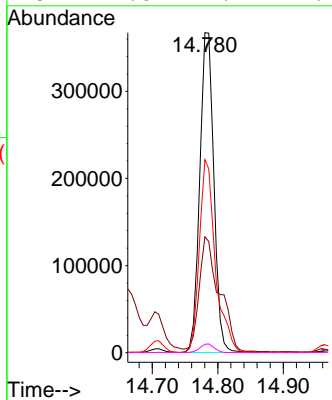
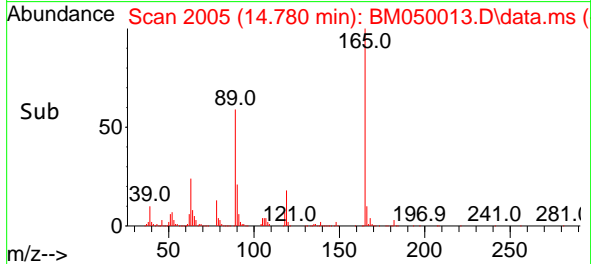
#57  
 2,4-Dinitrotoluene  
 Concen: 49.209 ng  
 RT: 14.780 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

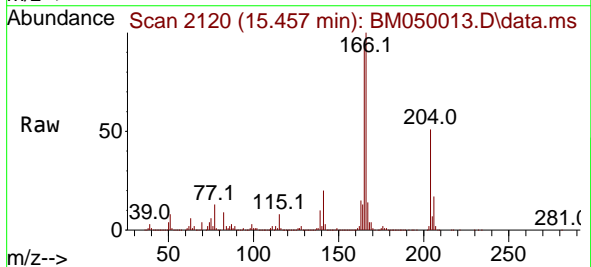


Tgt Ion:165 Resp: 550106

Ion	Ratio	Lower	Upper
165	100		
63	36.2	28.6	42.8
89	60.3	49.0	73.6
182	2.6	1.9	2.9

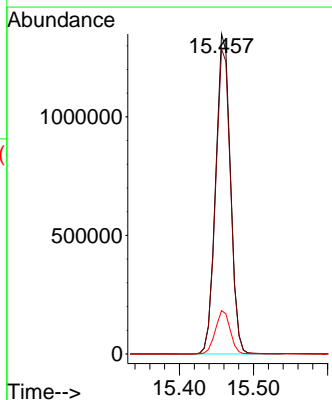
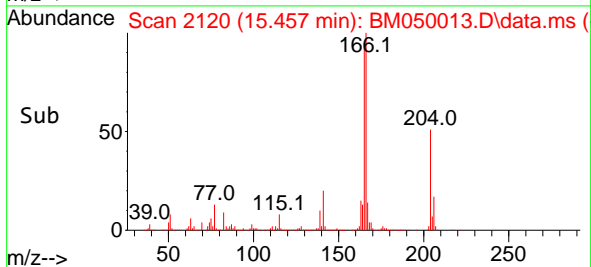


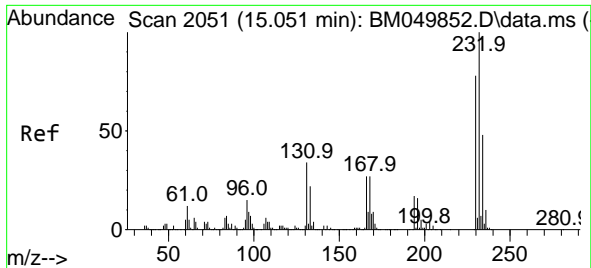
#58  
 Fluorene  
 Concen: 45.688 ng  
 RT: 15.457 min Scan# 2120  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:166 Resp: 1863268

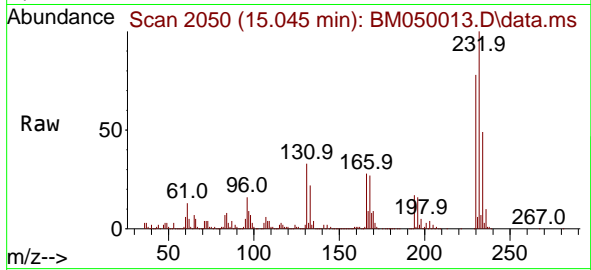
Ion	Ratio	Lower	Upper
166	100		
165	95.3	76.3	114.5
167	13.5	10.7	16.1



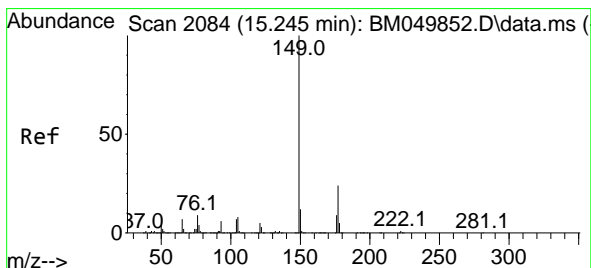
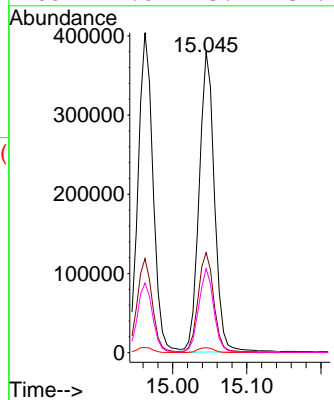
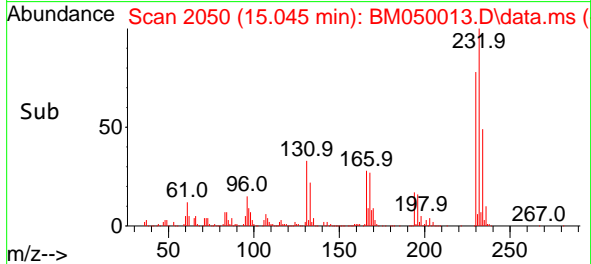


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.258 ng  
 RT: 15.045 min Scan# 2050  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

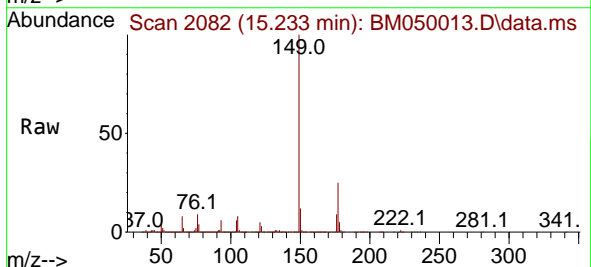
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



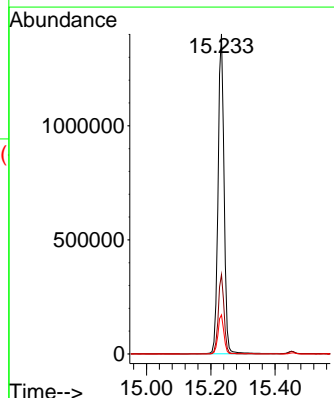
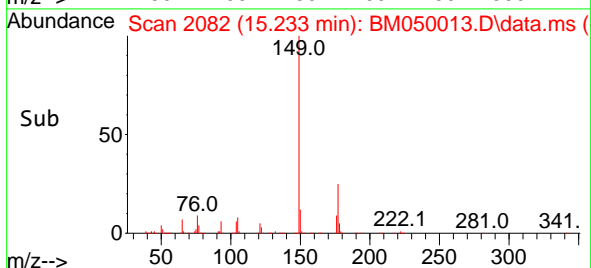
Tgt Ion:232 Resp: 544044  
 Ion Ratio Lower Upper  
 232 100  
 131 34.0 28.4 42.6  
 130 1.9 1.6 2.4  
 166 27.6 23.1 34.7

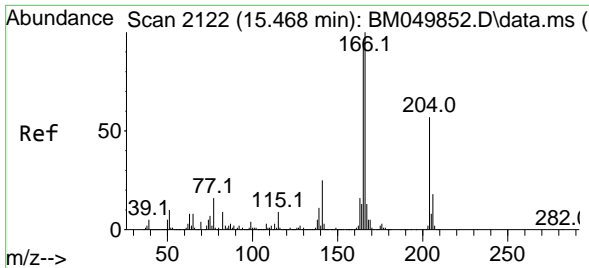


#60  
 Diethylphthalate  
 Concen: 47.287 ng  
 RT: 15.233 min Scan# 2082  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



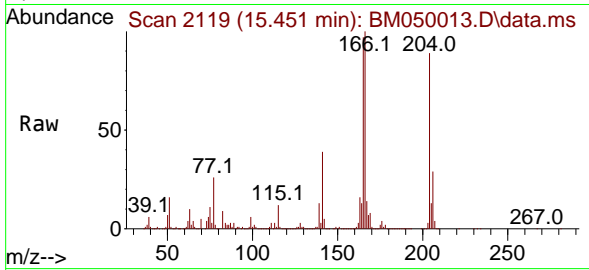
Tgt Ion:149 Resp: 1813692  
 Ion Ratio Lower Upper  
 149 100  
 177 24.8 19.0 28.4  
 150 12.2 9.7 14.5



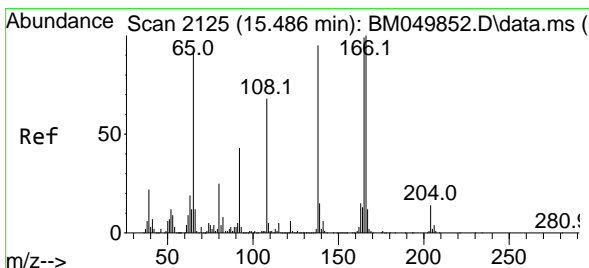
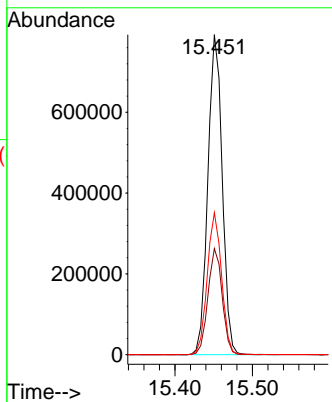
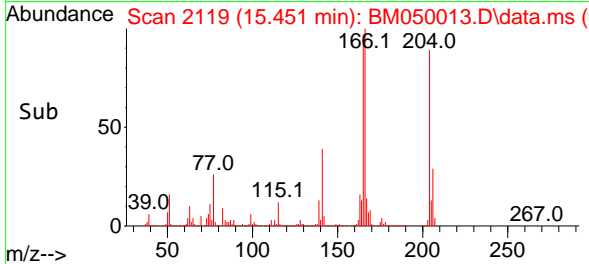


#61  
 4-Chlorophenyl-phenylether  
 Concen: 46.585 ng  
 RT: 15.451 min Scan# 2119  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

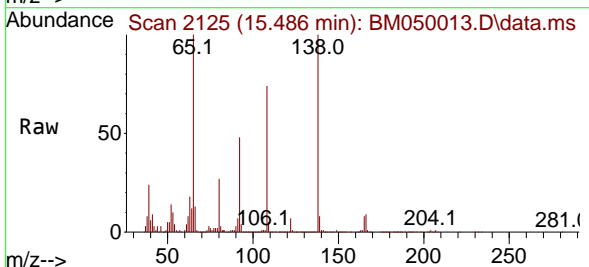
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



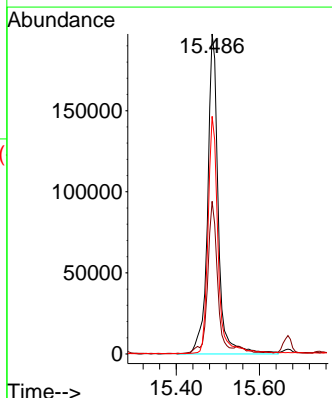
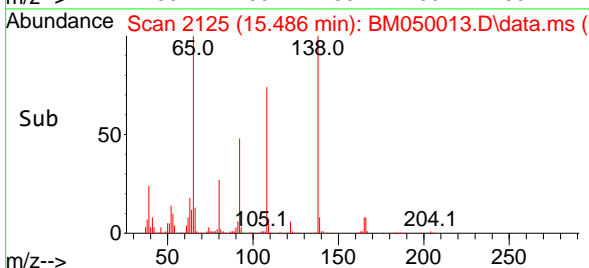
Tgt Ion:204 Resp: 1018573  
 Ion Ratio Lower Upper  
 204 100  
 206 33.2 26.2 39.2  
 141 44.3 35.0 52.6

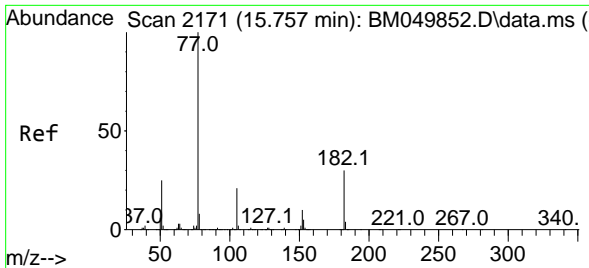


#62  
 4-Nitroaniline  
 Concen: 41.938 ng  
 RT: 15.486 min Scan# 2125  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:138 Resp: 351246  
 Ion Ratio Lower Upper  
 138 100  
 92 47.7 24.9 64.9  
 108 74.2 51.7 91.7



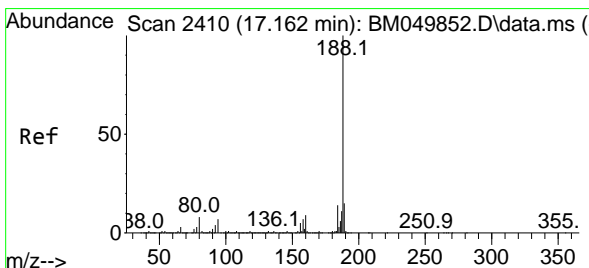
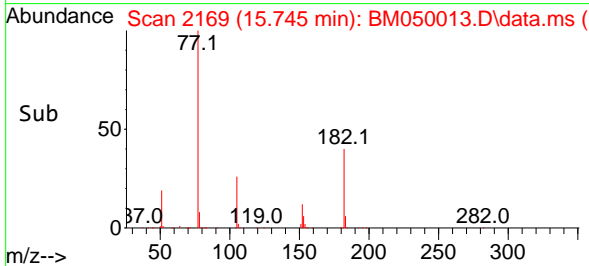
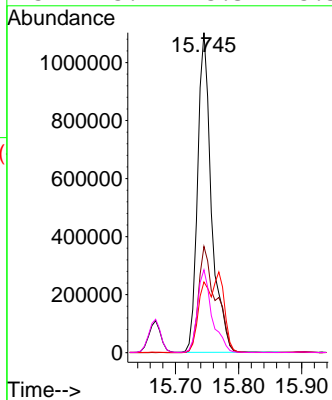
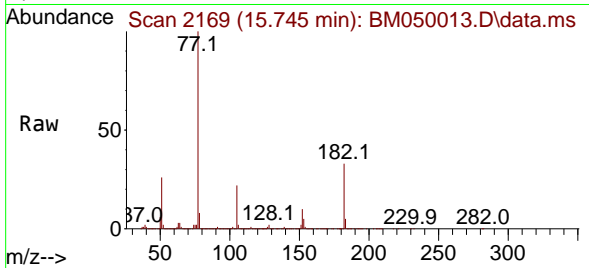


#63  
 Azobenzene  
 Concen: 50.959 ng  
 RT: 15.745 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion: 77 Resp: 1673367

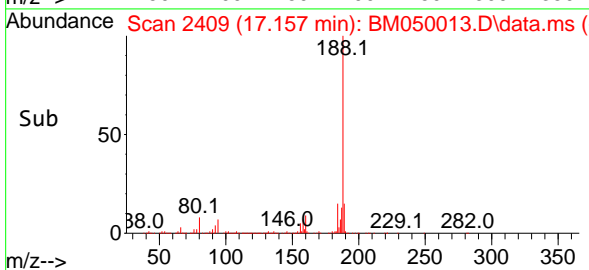
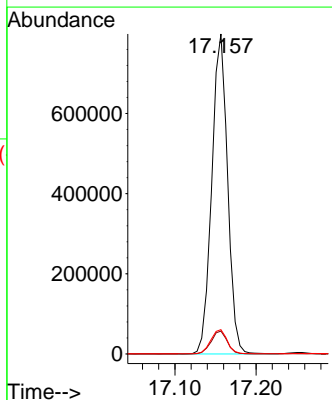
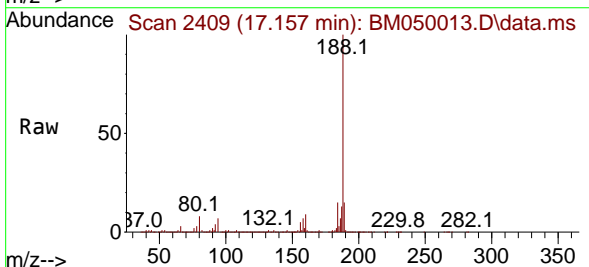
Ion	Ratio	Lower	Upper
77	100		
182	33.2	10.4	50.4
105	22.1	1.5	41.5
51	25.9	5.3	45.3

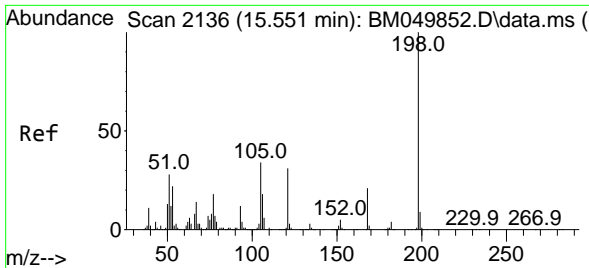


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.157 min Scan# 2409  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion: 188 Resp: 1079716

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.6	6.4	9.6



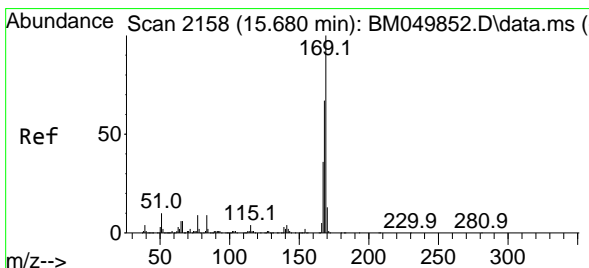
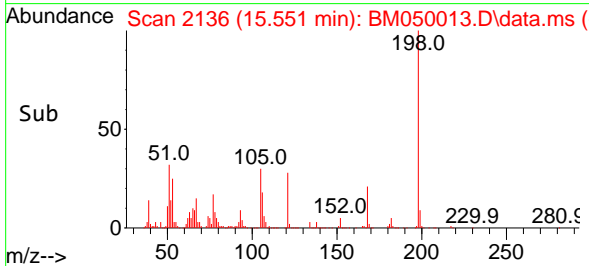
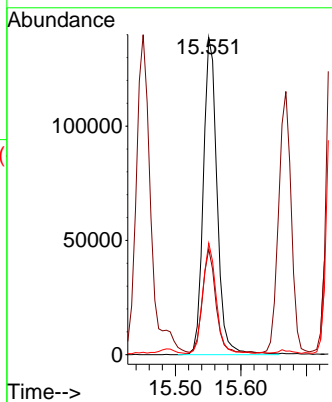
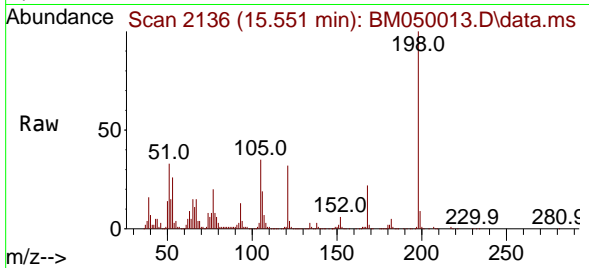


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 29.809 ng  
 RT: 15.551 min Scan# 2136  
 Delta R.T. -0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:198 Resp: 202814

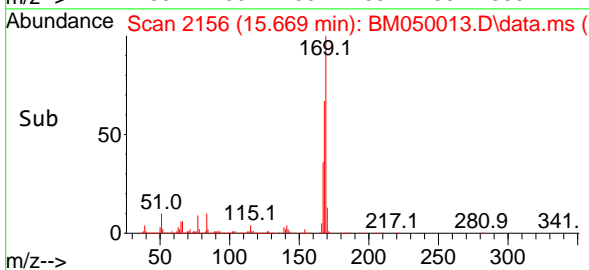
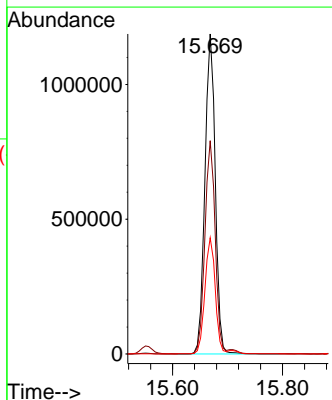
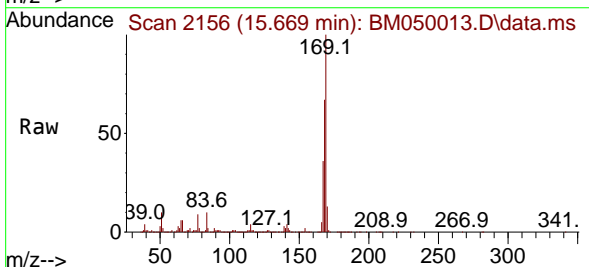
Ion	Ratio	Lower	Upper
198	100		
51	33.3	9.6	49.6
105	35.2	14.7	54.7

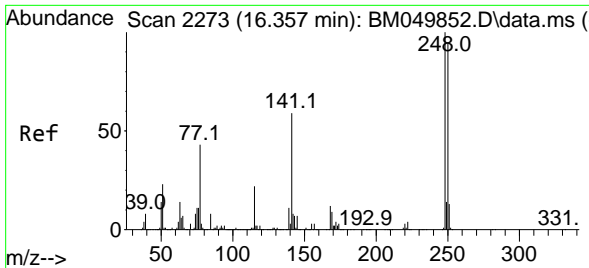


#66  
 n-Nitrosodiphenylamine  
 Concen: 47.926 ng  
 RT: 15.669 min Scan# 2156  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:169 Resp: 1548576

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.2
167	36.3	29.0	43.6

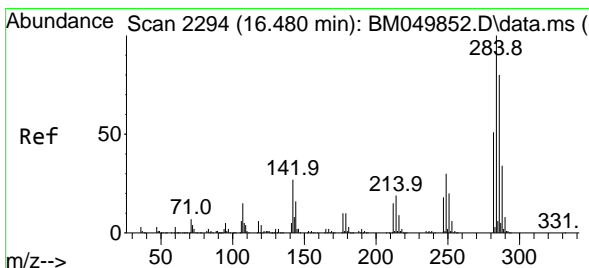
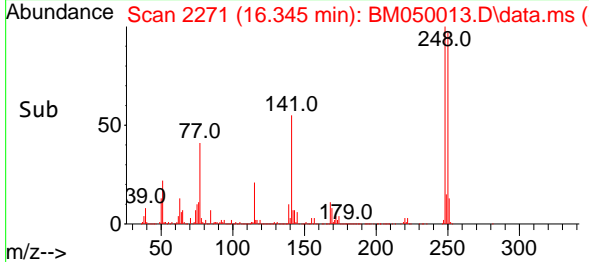
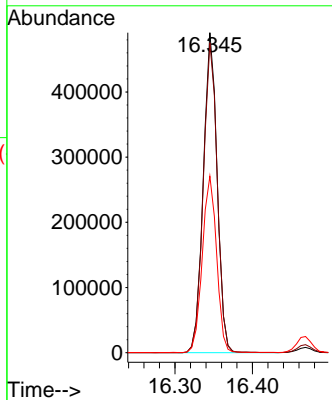
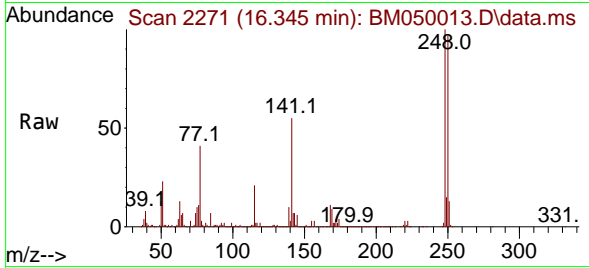




#67  
 4-Bromophenyl-phenylether  
 Concen: 48.477 ng  
 RT: 16.345 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

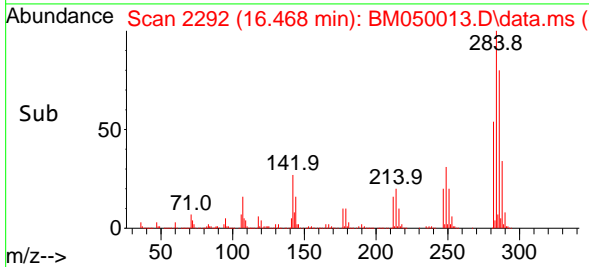
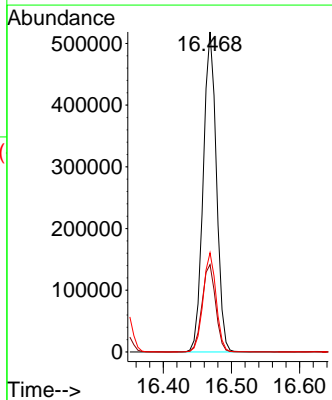
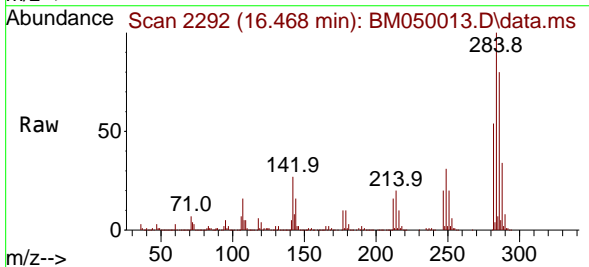
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

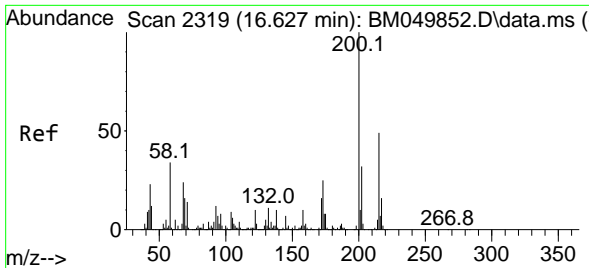
Tgt Ion:248 Resp: 607622  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 76.2 114.2  
 141 55.2 47.3 70.9



#68  
 Hexachlorobenzene  
 Concen: 48.625 ng  
 RT: 16.468 min Scan# 2292  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:284 Resp: 699094  
 Ion Ratio Lower Upper  
 284 100  
 142 27.3 21.2 31.8  
 249 31.0 24.1 36.1

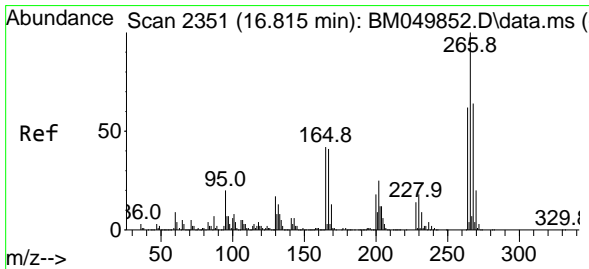
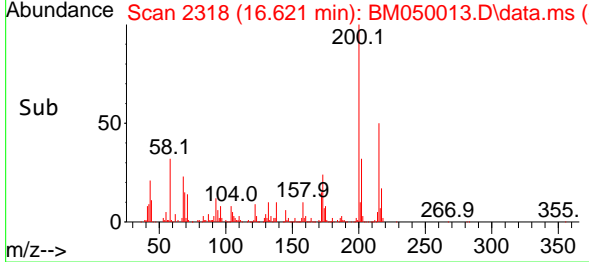
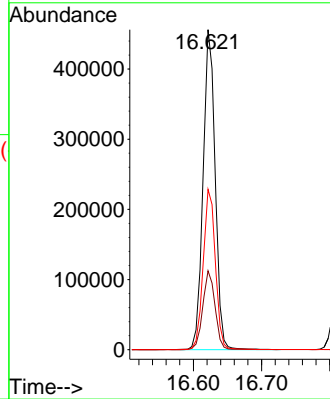
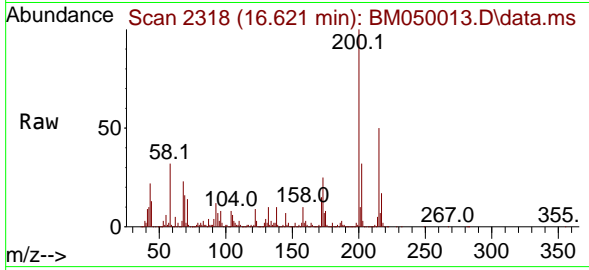




#69  
 Atrazine  
 Concen: 67.329 ng  
 RT: 16.621 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

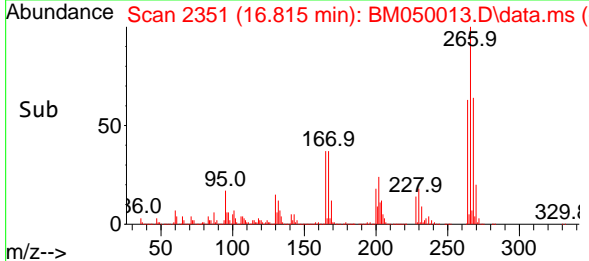
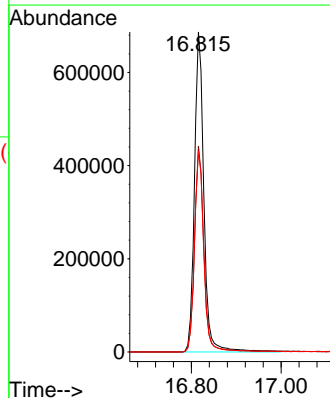
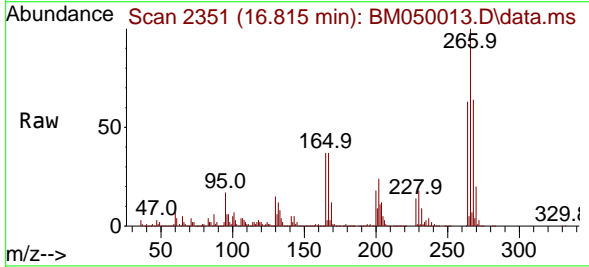
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

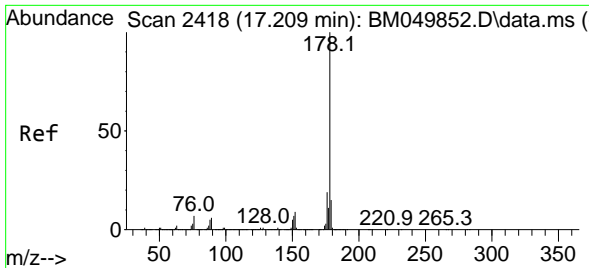
Tgt Ion:200 Resp: 564075  
 Ion Ratio Lower Upper  
 200 100  
 173 24.6 5.4 45.4  
 215 50.1 29.0 69.0



#70  
 Pentachlorophenol  
 Concen: 94.328 ng  
 RT: 16.815 min Scan# 2351  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:266 Resp: 998434  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 51.4 77.2  
 264 62.7 49.8 74.8

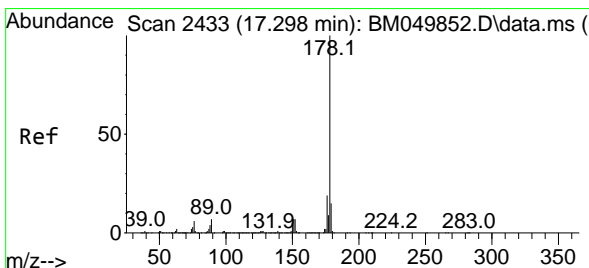
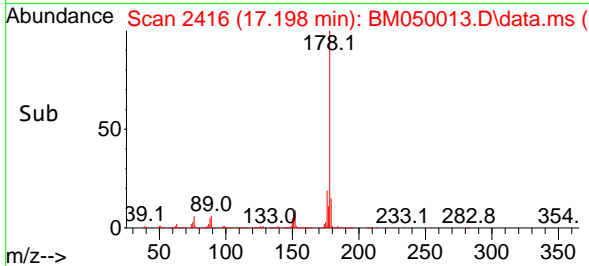
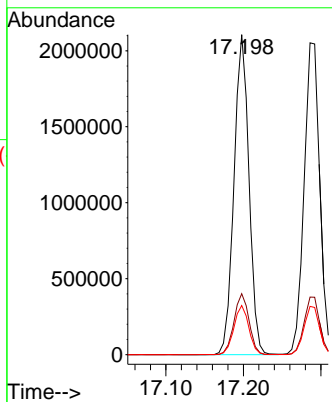
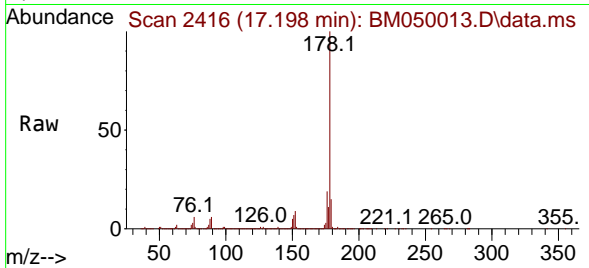




#71  
 Phenanthrene  
 Concen: 47.829 ng  
 RT: 17.198 min Scan# 2416  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

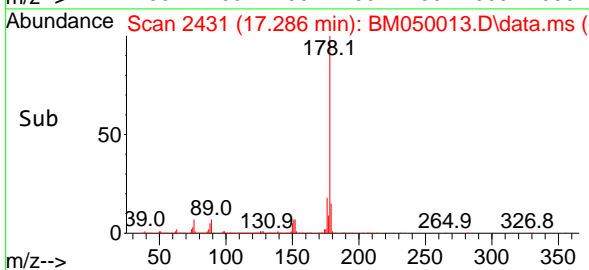
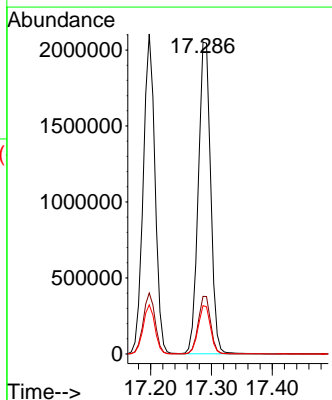
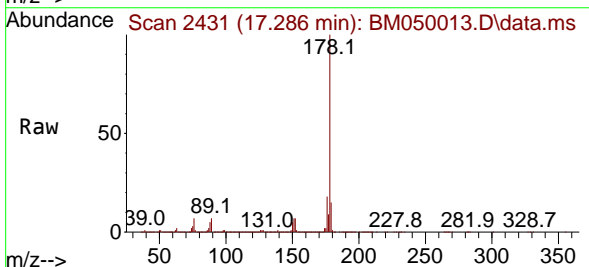
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:178 Resp: 2831216  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.4 23.2  
 179 15.3 12.3 18.5

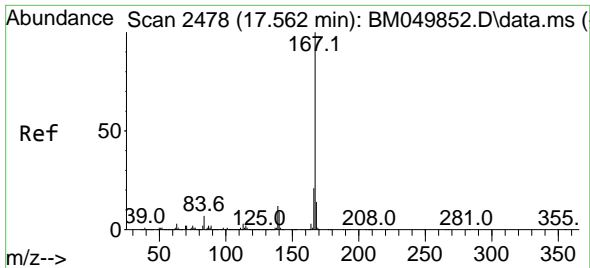


#72  
 Anthracene  
 Concen: 49.586 ng  
 RT: 17.286 min Scan# 2431  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:178 Resp: 2892606  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.1 22.7  
 179 15.5 12.4 18.6





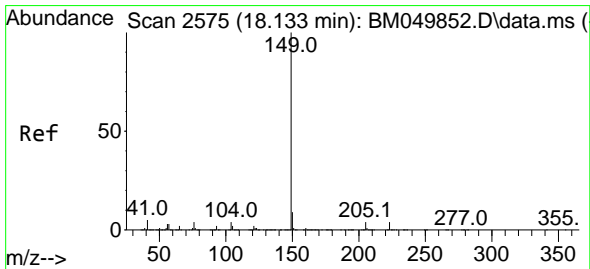
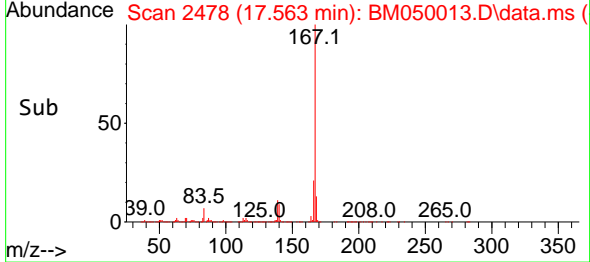
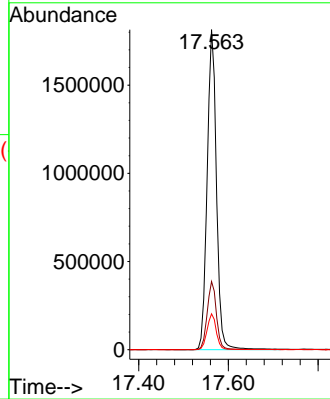
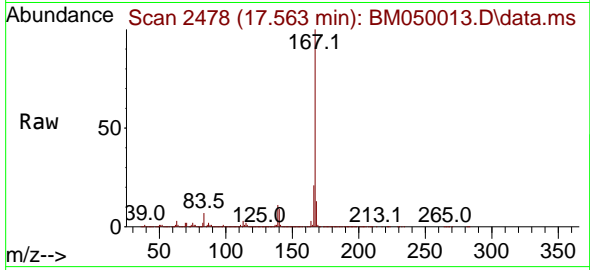


#73  
 Carbazole  
 Concen: 47.397 ng  
 RT: 17.563 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:167 Resp: 2604201

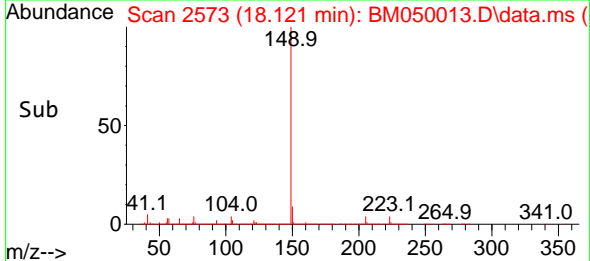
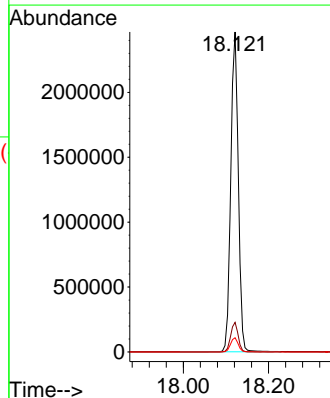
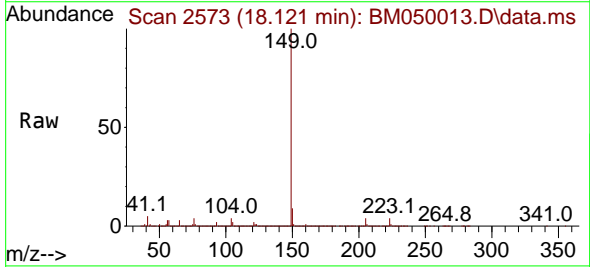
Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	11.2	9.3	13.9

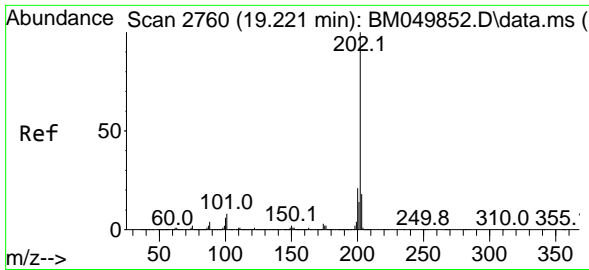


#74  
 Di-n-butylphthalate  
 Concen: 47.848 ng  
 RT: 18.121 min Scan# 2573  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:149 Resp: 3028037

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.4	3.5	5.3



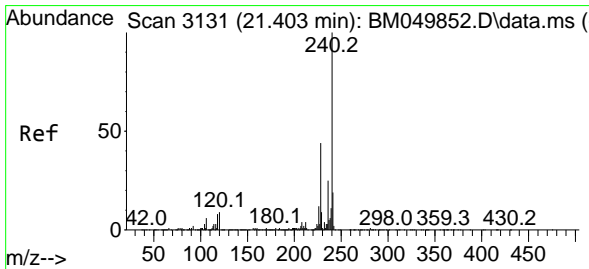
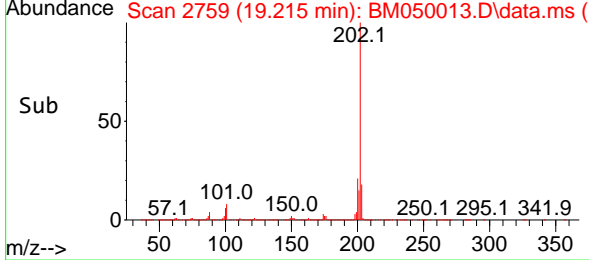
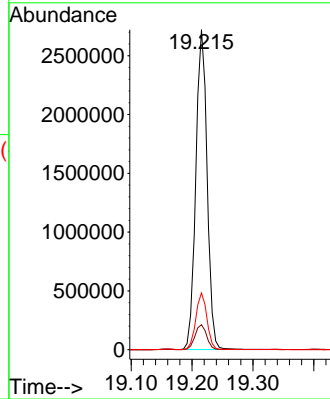
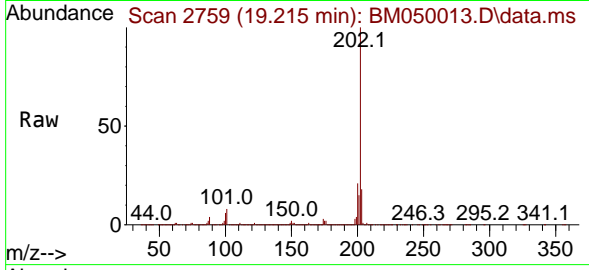


#75  
 Fluoranthene  
 Concen: 48.086 ng  
 RT: 19.215 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:202 Resp: 3499821

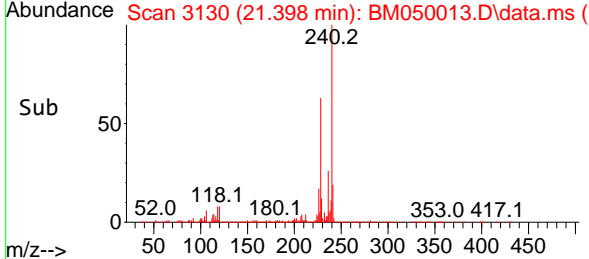
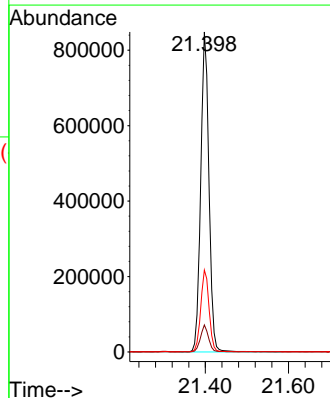
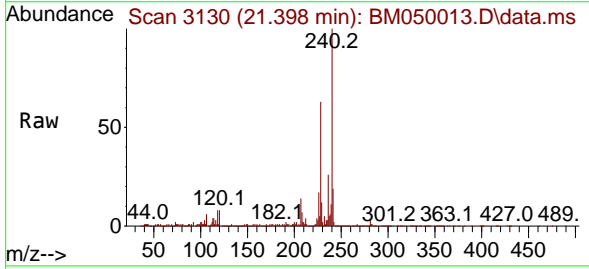
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.4
203	17.7	0.0	37.8

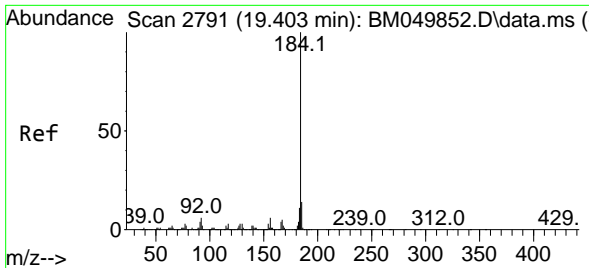


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.398 min Scan# 3130  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:240 Resp: 1168533

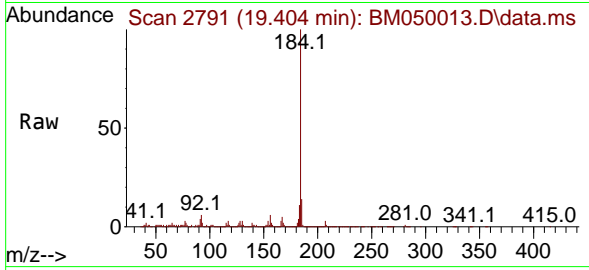
Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	25.6	20.4	30.6



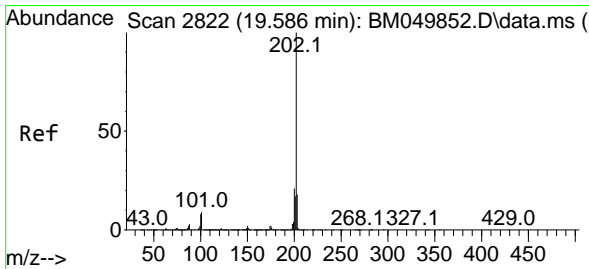
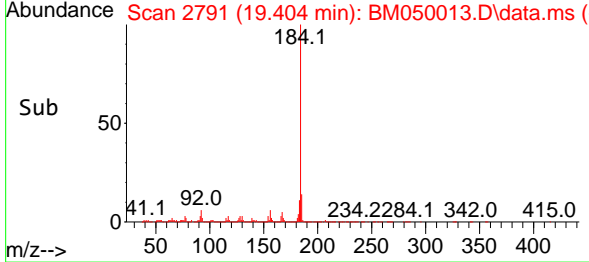
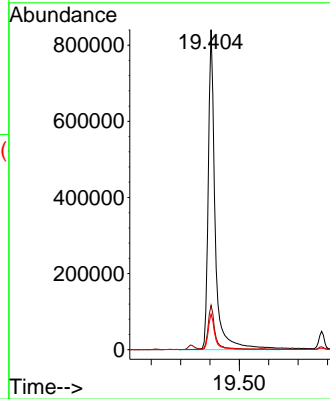


#77  
 Benzidine  
 Concen: 88.767 ng  
 RT: 19.404 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

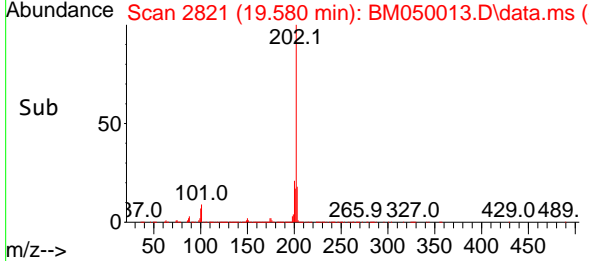
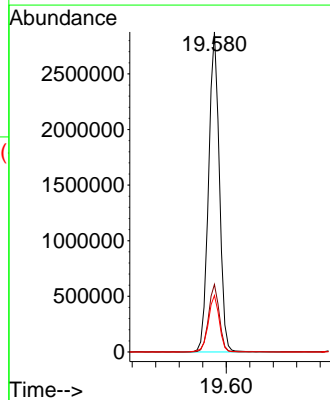
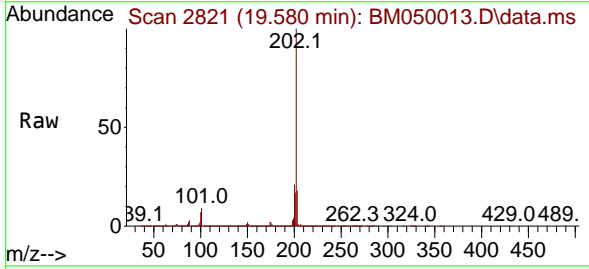


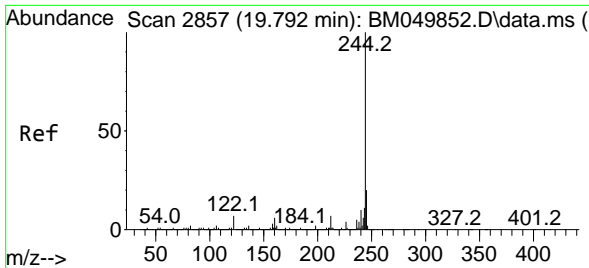
Tgt Ion:184 Resp: 1376095  
 Ion Ratio Lower Upper  
 184 100  
 185 13.8 11.4 17.2  
 183 11.1 8.8 13.2



#78  
 Pyrene  
 Concen: 45.241 ng  
 RT: 19.580 min Scan# 2821  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:202 Resp: 3643412  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 16.5 24.7  
 203 17.7 14.0 21.0

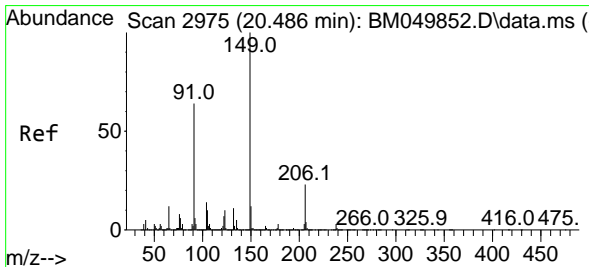
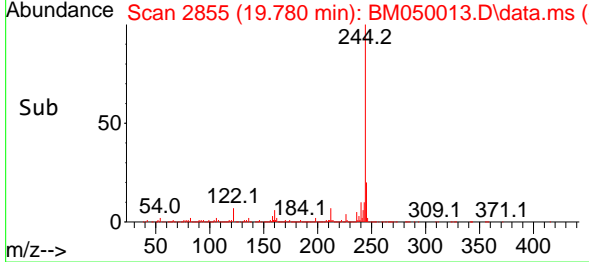
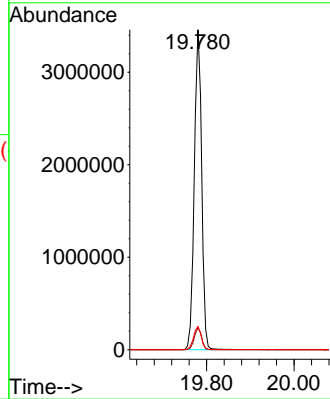
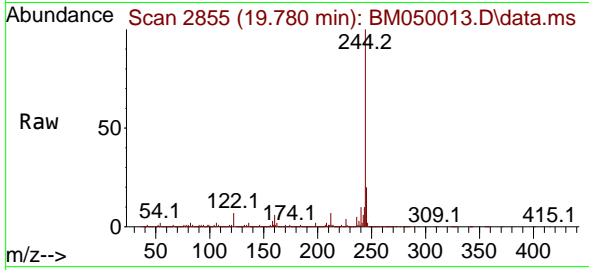




#79  
 Terphenyl-d14  
 Concen: 65.079 ng  
 RT: 19.780 min Scan# 2855  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

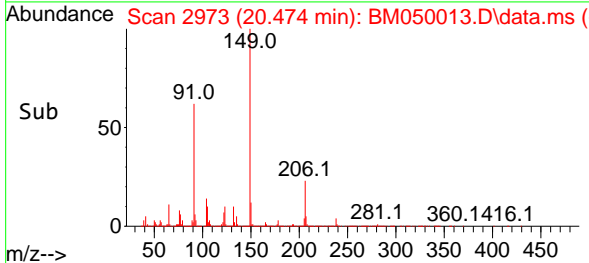
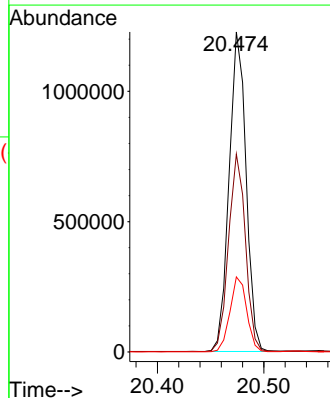
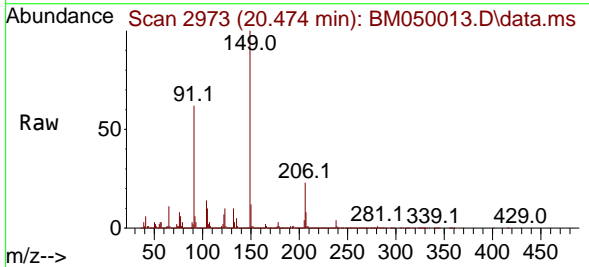
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

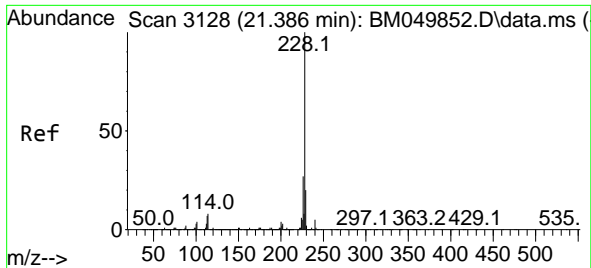
Tgt Ion:244 Resp: 4057925  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 7.2 5.4 8.0



#80  
 Butylbenzylphthalate  
 Concen: 44.720 ng  
 RT: 20.474 min Scan# 2973  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:149 Resp: 1353248  
 Ion Ratio Lower Upper  
 149 100  
 91 61.9 50.9 76.3  
 206 23.5 18.4 27.6

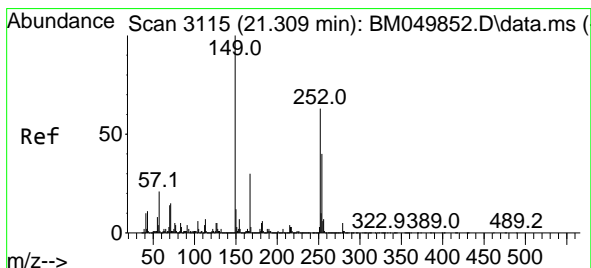
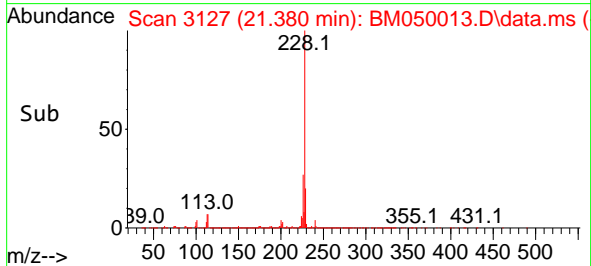
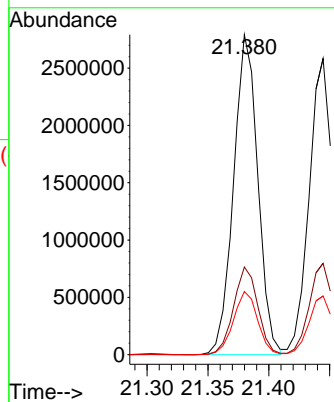
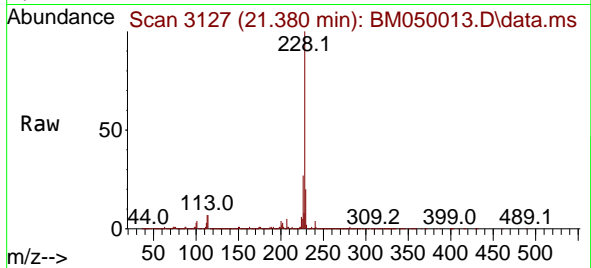




#81  
 Benzo(a)anthracene  
 Concen: 49.773 ng  
 RT: 21.380 min Scan# 3114  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

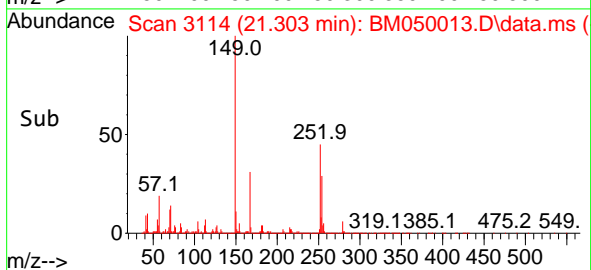
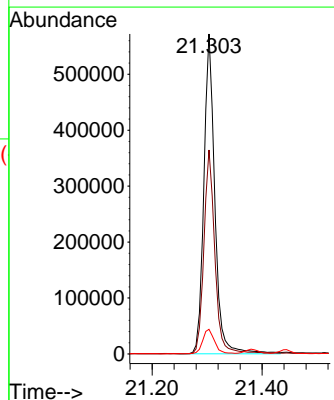
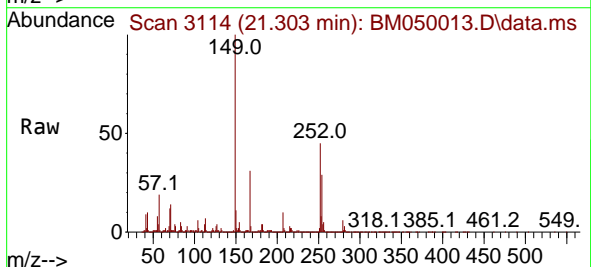
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

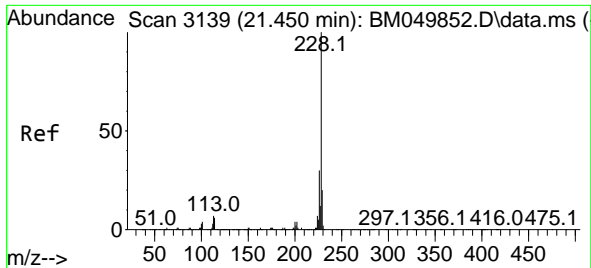
Tgt Ion:228 Resp: 3865370  
 Ion Ratio Lower Upper  
 228 100  
 226 27.4 21.8 32.8  
 229 19.8 15.8 23.8



#82  
 3,3'-Dichlorobenzidine  
 Concen: 27.044 ng  
 RT: 21.303 min Scan# 3114  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:252 Resp: 793152  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 51.5 77.3  
 126 7.7 6.3 9.5



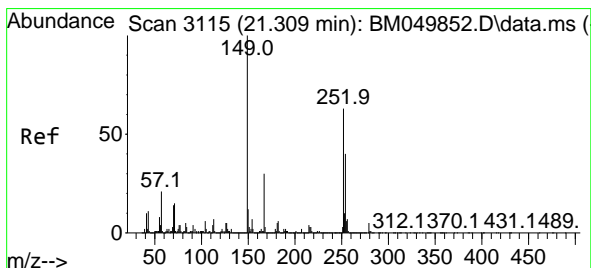
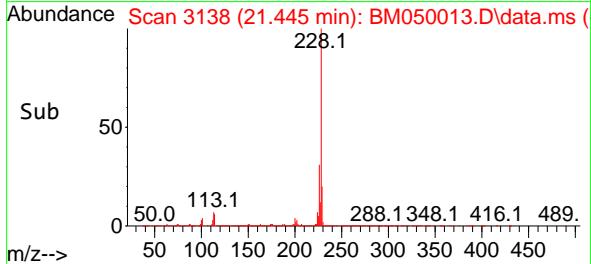
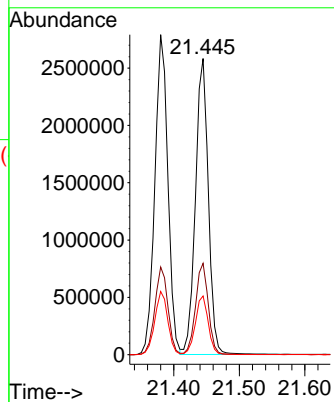
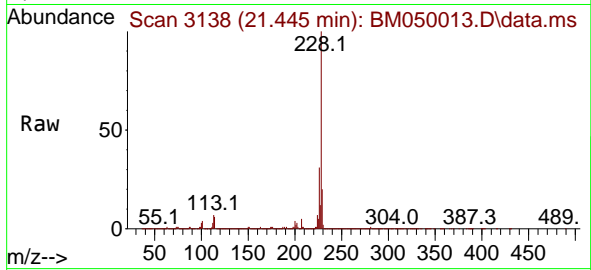


#83  
 Chrysene  
 Concen: 47.880 ng  
 RT: 21.445 min Scan# 3113  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:228 Resp: 3535071

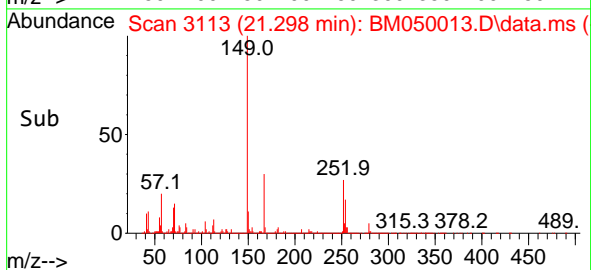
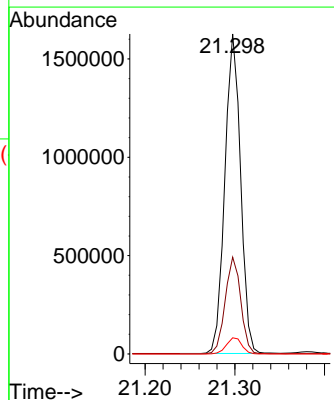
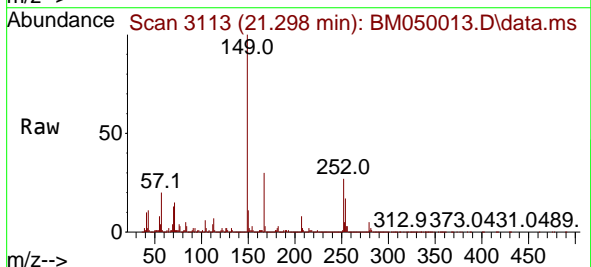
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	19.8	15.8	23.6

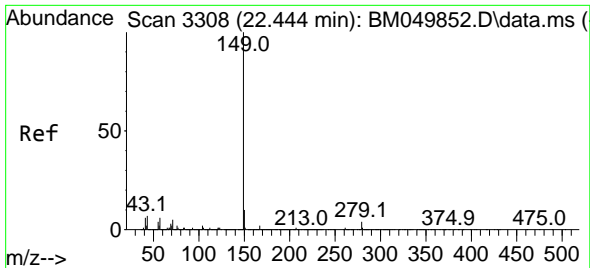


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.761 ng  
 RT: 21.298 min Scan# 3113  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:149 Resp: 1973467

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.8	35.6
279	5.1	3.8	5.8



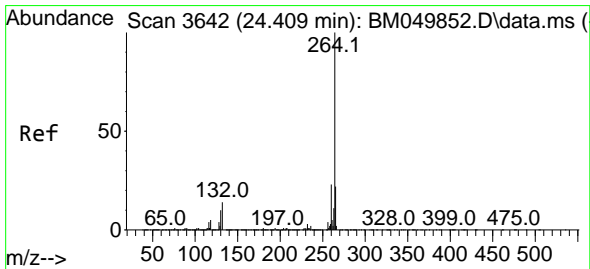
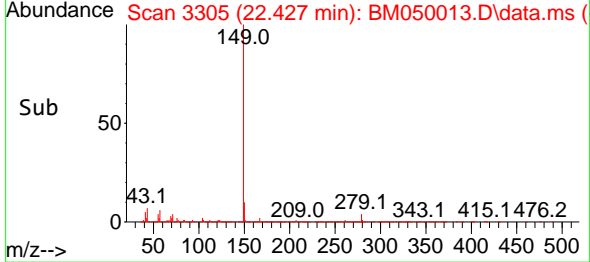
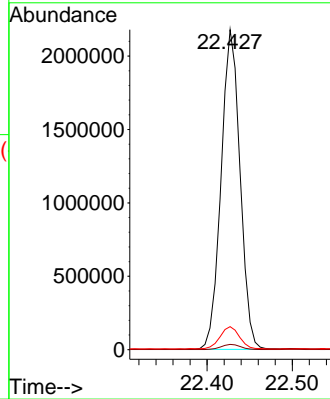
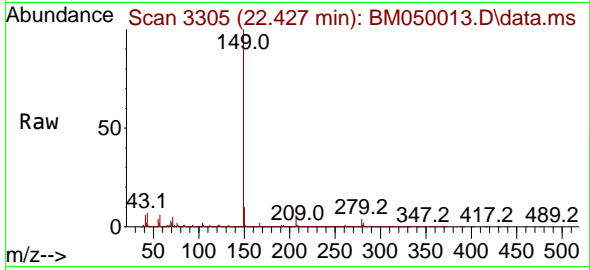


#85  
 Di-n-octyl phthalate  
 Concen: 43.673 ng  
 RT: 22.427 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

Tgt Ion:149 Resp: 3368447

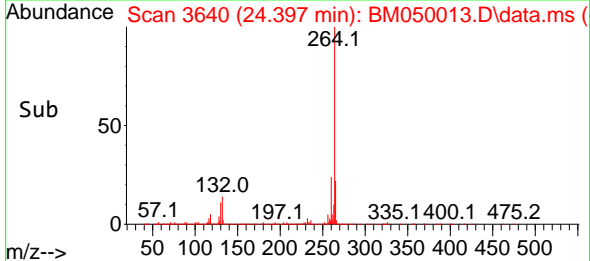
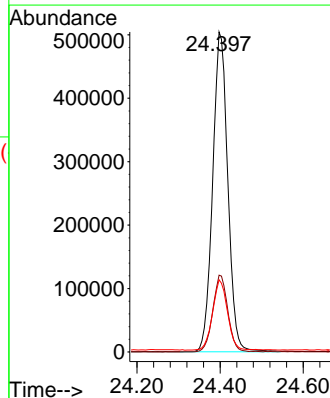
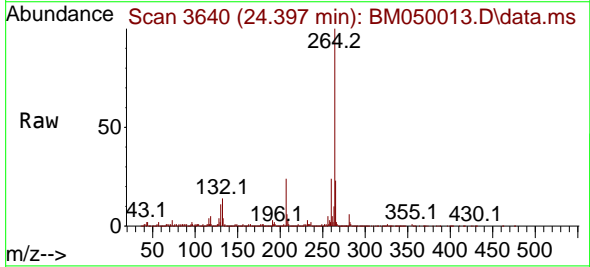
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.1	5.8	8.6

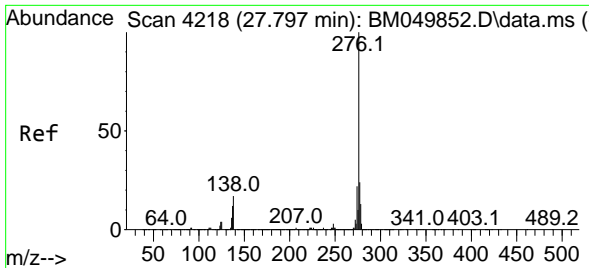


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.397 min Scan# 3640  
 Delta R.T. -0.012 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:264 Resp: 1272703

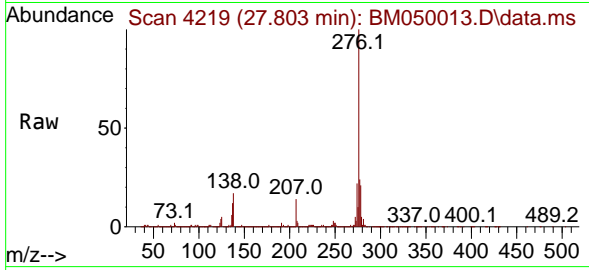
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.5	17.8	26.8



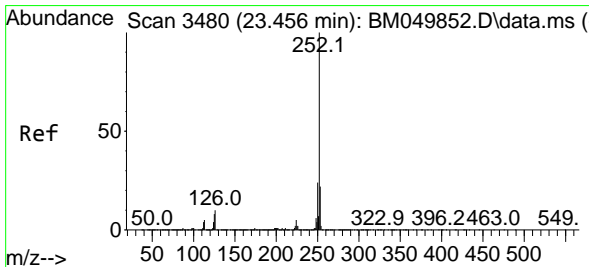
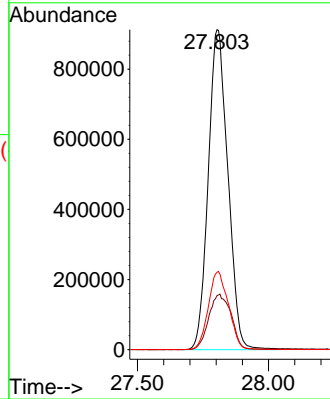
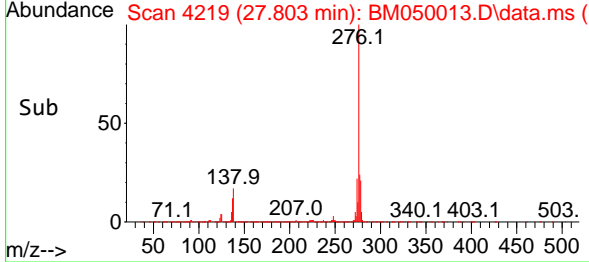


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.945 ng  
 RT: 27.803 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

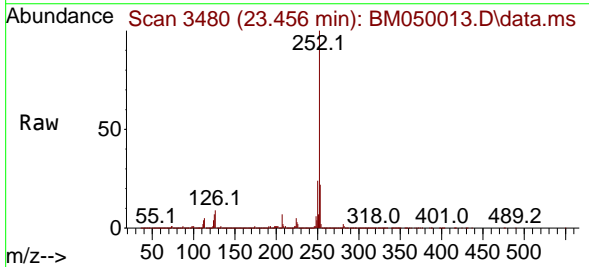
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



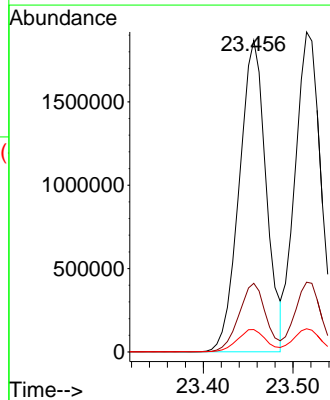
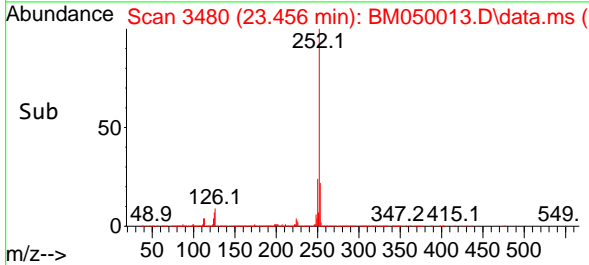
Tgt Ion:276 Resp: 4738254  
 Ion Ratio Lower Upper  
 276 100  
 138 19.8 16.8 25.2  
 277 25.1 20.1 30.1



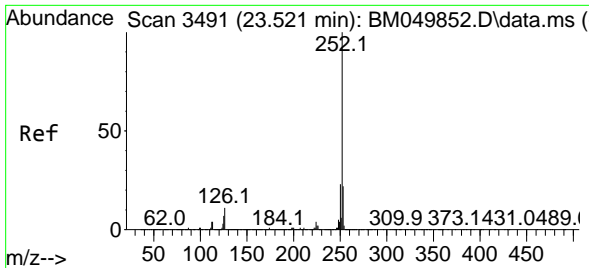
#88  
 Benzo(b)fluoranthene  
 Concen: 47.932 ng  
 RT: 23.456 min Scan# 3480  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37



Tgt Ion:252 Resp: 3896024  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.5 26.3  
 125 7.2 6.2 9.4



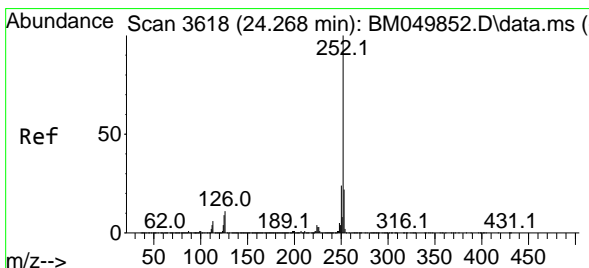
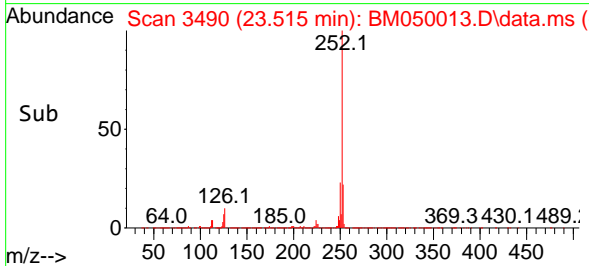
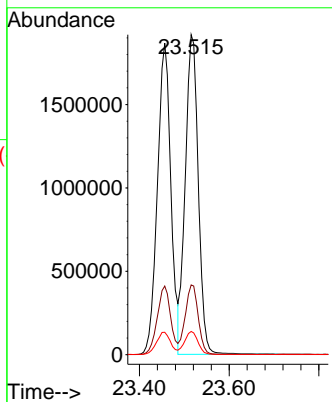
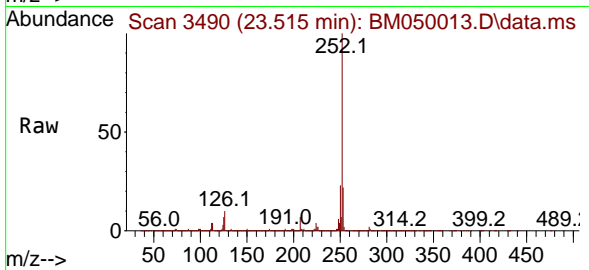




#89  
 Benzo(k)fluoranthene  
 Concen: 48.891 ng  
 RT: 23.515 min Scan# 3490  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

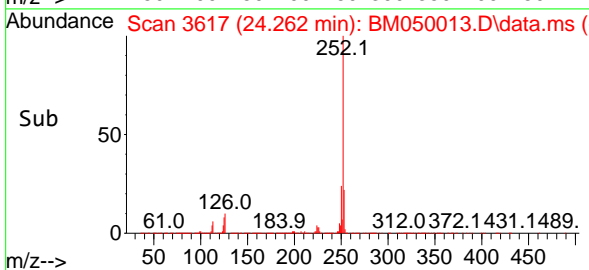
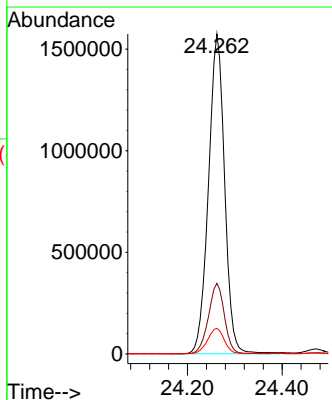
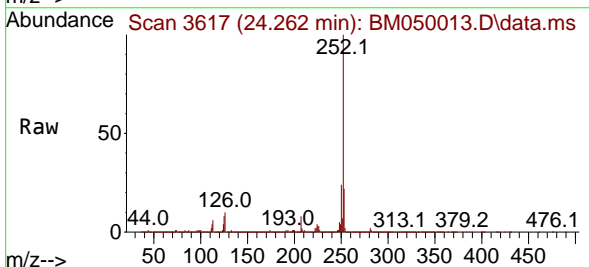
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS

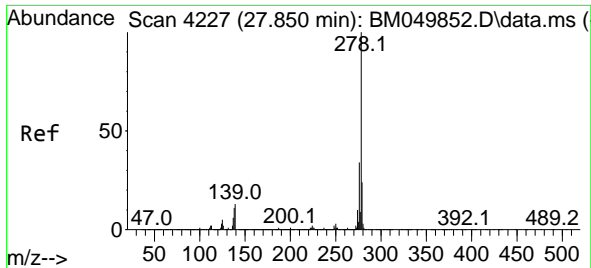
Tgt Ion:252 Resp: 3851073  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 17.4 26.2  
 125 7.3 5.8 8.8



#90  
 Benzo(a)pyrene  
 Concen: 52.100 ng  
 RT: 24.262 min Scan# 3617  
 Delta R.T. -0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

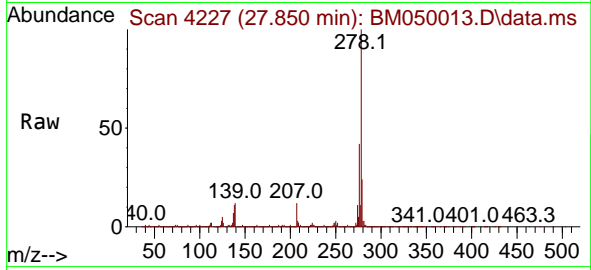
Tgt Ion:252 Resp: 3721293  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.8 26.8  
 125 8.0 7.0 10.4



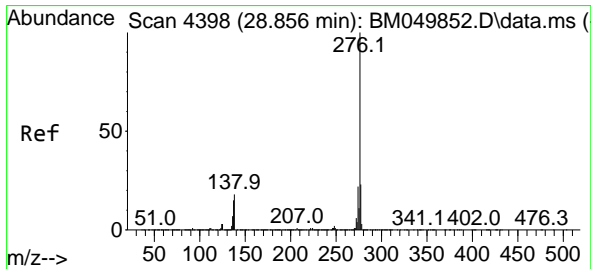
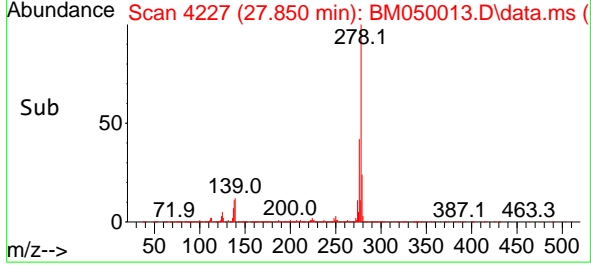
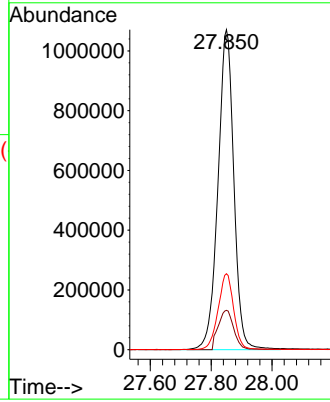


#91  
 Dibenzo(a,h)anthracene  
 Concen: 49.623 ng  
 RT: 27.850 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-12013MS



Tgt Ion:278 Resp: 3877655  
 Ion Ratio Lower Upper  
 278 100  
 139 12.3 10.6 15.8  
 279 23.8 19.1 28.7



#92  
 Benzo(g,h,i)perylene  
 Concen: 46.018 ng  
 RT: 28.862 min Scan# 4399  
 Delta R.T. 0.006 min  
 Lab File: BM050013.D  
 Acq: 23 Apr 2025 14:37

Tgt Ion:276 Resp: 3674602  
 Ion Ratio Lower Upper  
 276 100  
 277 24.1 18.7 28.1  
 138 17.6 14.6 21.8

