

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050250.D
 Acq On : 09 Jun 2025 20:19
 Operator : RC/JU
 Sample : Q2226-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 01:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	392950	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	1521763	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	827375	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1462387	20.000	ng	0.00
76) Chrysene-d12	21.369	240	1332936	20.000	ng	0.00
86) Perylene-d12	24.345	264	1379954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2937446	124.700	ng	0.00
7) Phenol-d6	6.934	99	3430486	110.627	ng	0.00
23) Nitrobenzene-d5	8.916	82	2445053	83.563	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1247878	132.601	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4888299	79.988	ng	0.00
79) Terphenyl-d14	19.763	244	5857343	83.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	388538	37.629	ng	# 73
3) Pyridine	3.682	79	966583	36.148	ng	96
4) n-Nitrosodimethylamine	3.587	42	245837	44.460	ng	97
6) Aniline	7.099	93	721210	17.593	ng	98
8) 2-Chlorophenol	7.334	128	1168140	45.083	ng	98
9) Benzaldehyde	6.905	77	453430	22.999	ng	96
10) Phenol	6.964	94	1296102	39.503	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1187468	44.996	ng	98
12) 1,3-Dichlorobenzene	7.658	146	1166230	40.261	ng	98
13) 1,4-Dichlorobenzene	7.805	146	1214259	40.289	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1179906	41.067	ng	99
15) Benzyl Alcohol	8.005	79	994445	44.963	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.299	45	905020	49.367	ng	95
17) 2-Methylphenol	8.205	107	938045	43.331	ng	99
18) Hexachloroethane	8.852	117	461080	42.245	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	842877	44.418	ng	97
20) 3+4-Methylphenols	8.534	107	1243110	42.920	ng	99
22) Acetophenone	8.587	105	1692937	44.530	ng	# 99
24) Nitrobenzene	8.958	77	1256342	47.211	ng	97
25) Isophorone	9.487	82	2303628	45.614	ng	99
26) 2-Nitrophenol	9.669	139	547550	47.667	ng	97
27) 2,4-Dimethylphenol	9.734	122	1078632	45.700	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1539341	46.658	ng	99
29) 2,4-Dichlorophenol	10.205	162	1002287	45.889	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1063647	43.762	ng	100
31) Naphthalene	10.605	128	3430345	43.600	ng	100
32) Benzoic acid	9.858	122	630781	42.526	ng	97
33) 4-Chloroaniline	10.710	127	306819	9.147	ng	98
34) Hexachlorobutadiene	10.899	225	619791	42.871	ng	100
35) Caprolactam	11.481	113	238482	34.440	ng	90
36) 4-Chloro-3-methylphenol	11.834	107	1028377	44.125	ng	99
37) 2-Methylnaphthalene	12.216	142	2119896	44.663	ng	98
38) 1-Methylnaphthalene	12.440	142	2209544	43.860	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1122982	47.004	ng	99
41) Hexachlorocyclopentadiene	12.581	237	1415330	97.547	ng	97
43) 2,4,6-Trichlorophenol	12.828	196	760650	48.414	ng	99

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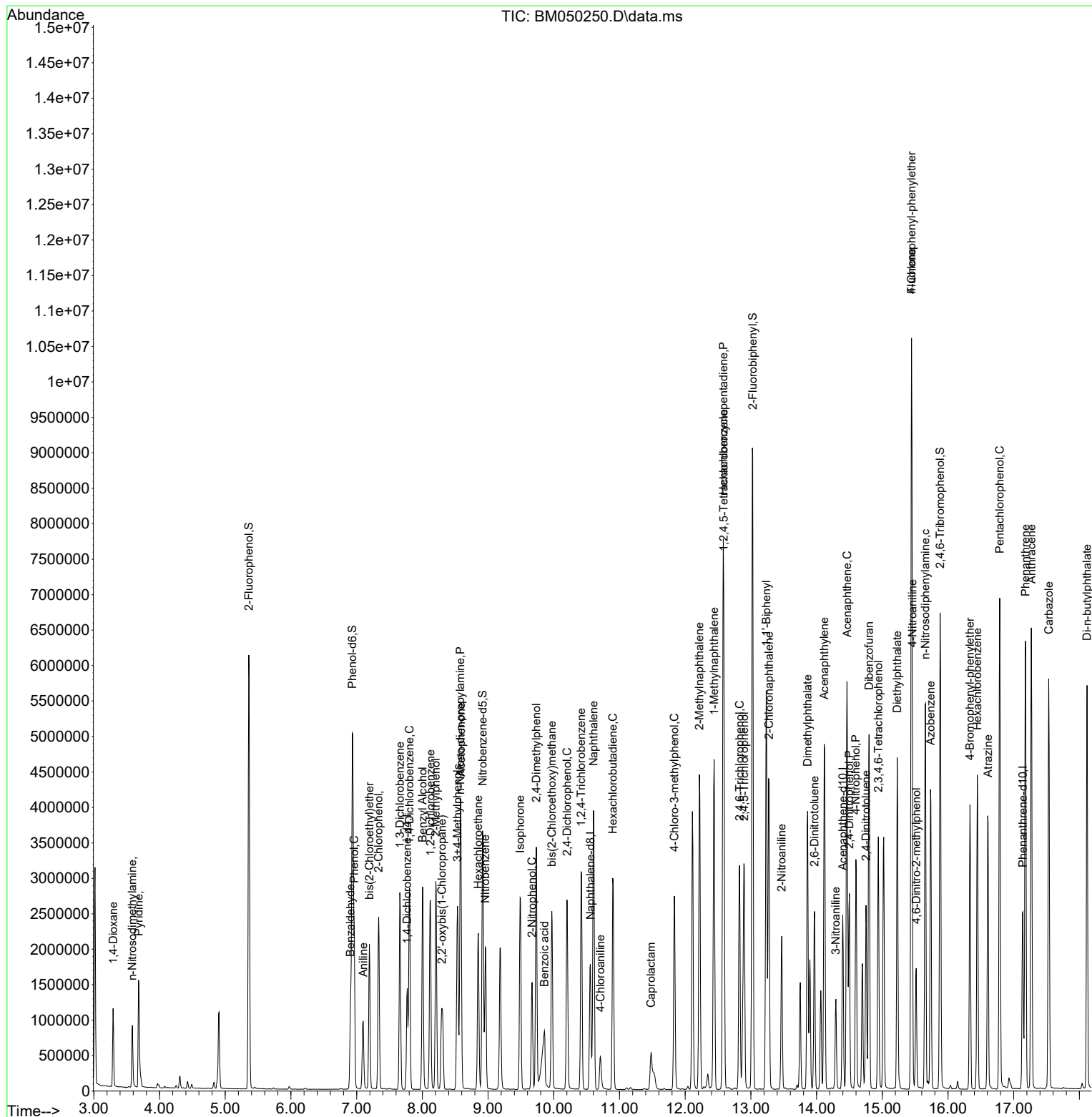
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	832691	48.272	ng	98
46) 1,1'-Biphenyl	13.234	154	2928102	47.263	ng	99
47) 2-Chloronaphthalene	13.275	162	2248213	46.678	ng	99
48) 2-Nitroaniline	13.469	65	562921	53.110	ng	94
49) Acenaphthylene	14.116	152	3621022	46.481	ng	100
50) Dimethylphthalate	13.863	163	2619856	46.821	ng	100
51) 2,6-Dinitrotoluene	13.969	165	557207	49.379	ng	96
52) Acenaphthene	14.463	154	2154317	44.212	ng	99
53) 3-Nitroaniline	14.293	138	339356	26.984	ng	100
54) 2,4-Dinitrophenol	14.498	184	609950	94.097	ng	95
55) Dibenzofuran	14.798	168	3304639	46.357	ng	100
56) 4-Nitrophenol	14.598	139	978143	91.379	ng	97
57) 2,4-Dinitrotoluene	14.751	165	767682	51.572	ng	97
58) Fluorene	15.445	166	2523640	46.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	710594	47.612	ng	100
60) Diethylphthalate	15.228	149	2611641	47.041	ng	99
61) 4-Chlorophenyl-phenylether	15.445	204	1219957	46.231	ng	98
62) 4-Nitroaniline	15.457	138	537036	45.560	ng	99
63) Azobenzene	15.734	77	2612861	47.085	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	385706	48.290	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2213402	48.171	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	768128	49.256	ng	100
68) Hexachlorobenzene	16.445	284	884845	48.564	ng	99
69) Atrazine	16.610	200	734379	50.160	ng	100
70) Pentachlorophenol	16.787	266	1177160	99.373	ng	99
71) Phenanthrene	17.181	178	3861939	46.228	ng	99
72) Anthracene	17.269	178	3937922	47.119	ng	100
73) Carbazole	17.534	167	3576865	46.979	ng	100
74) Di-n-butylphthalate	18.116	149	4215930	50.890	ng	100
75) Fluoranthene	19.192	202	4091775	46.445	ng	99
77) Benzidine	19.375	184	358876	9.574	ng	99
78) Pyrene	19.557	202	4304284	47.910	ng	99
80) Butylbenzylphthalate	20.469	149	1632985	54.492	ng	99
81) Benzo(a)anthracene	21.351	228	3990464	47.298	ng	100
82) 3,3'-Dichlorobenzidine	21.275	252	824418	32.043	ng	99
83) Chrysene	21.416	228	3797384	47.317	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2525715	54.716	ng	99
85) Di-n-octyl phthalate	22.433	149	3901373	56.957	ng	100
87) Indeno(1,2,3-cd)pyrene	27.703	276	4771886	53.706	ng	# 94
88) Benzo(b)fluoranthene	23.410	252	3868153	48.213	ng	99
89) Benzo(k)fluoranthene	23.474	252	3920735	47.870	ng	100
90) Benzo(a)pyrene	24.204	252	3723908	49.366	ng	100
91) Dibenzo(a,h)anthracene	27.768	278	3892102	53.966	ng	99
92) Benzo(g,h,i)perylene	28.745	276	3923152	54.349	ng	100

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

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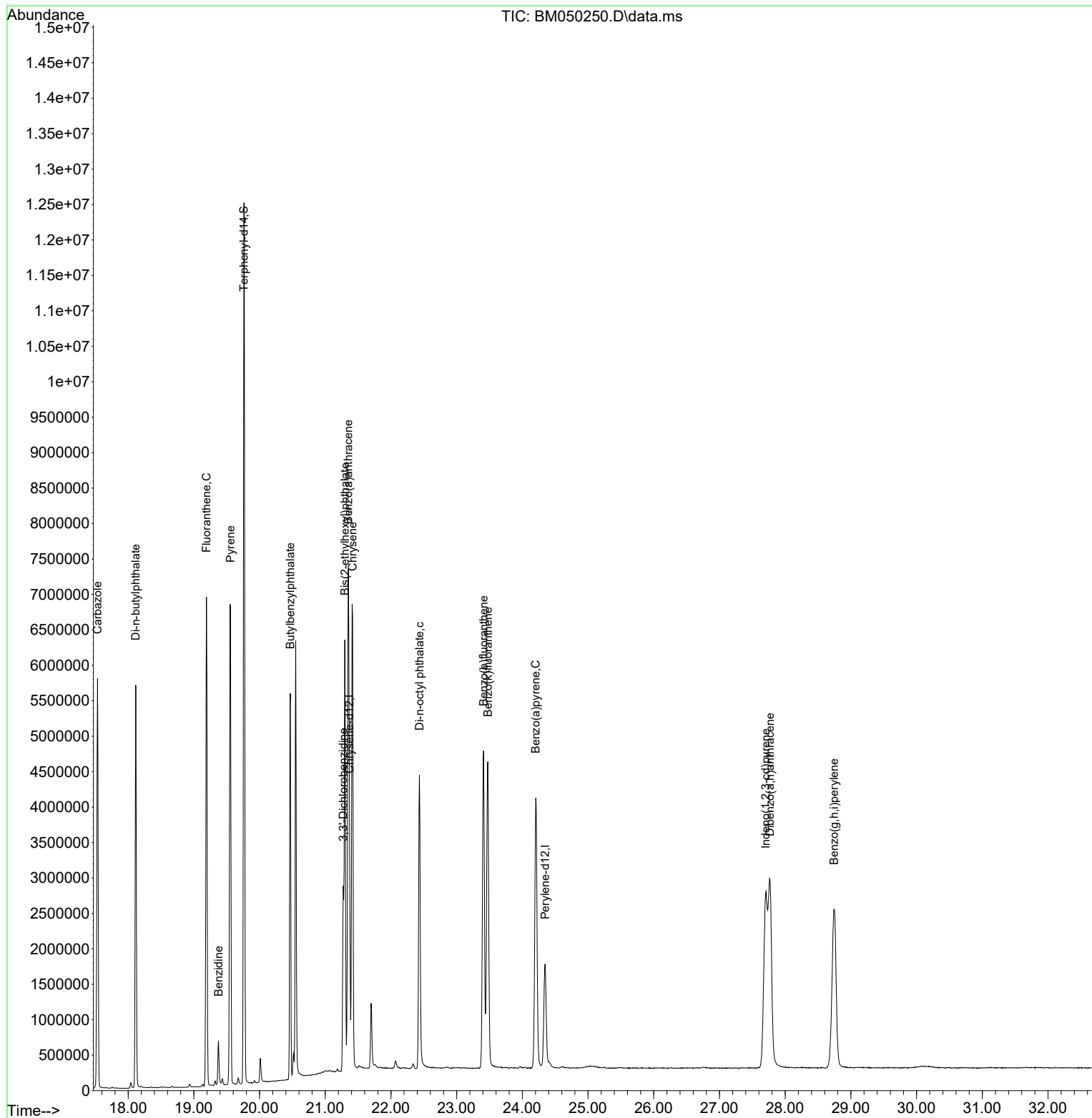
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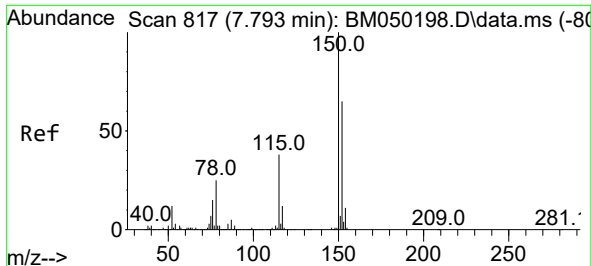


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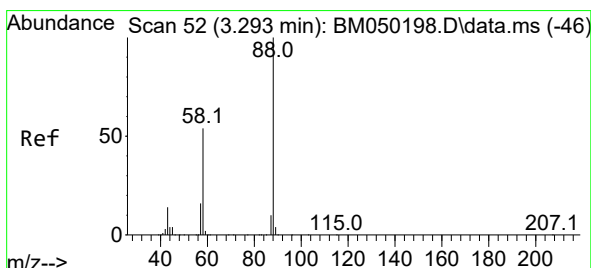
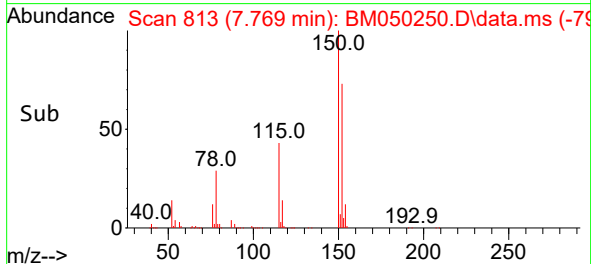
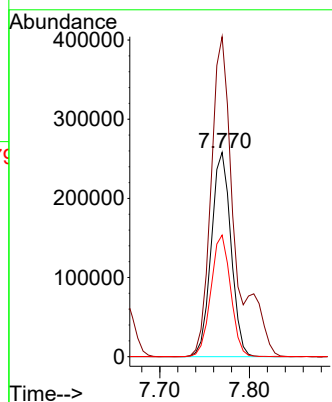
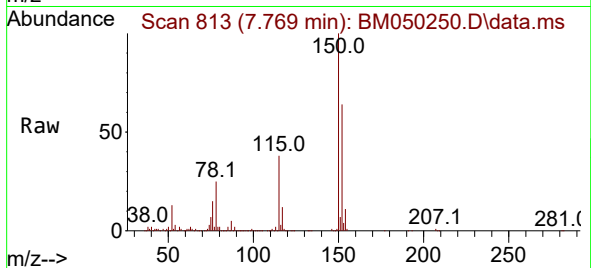




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050250.D
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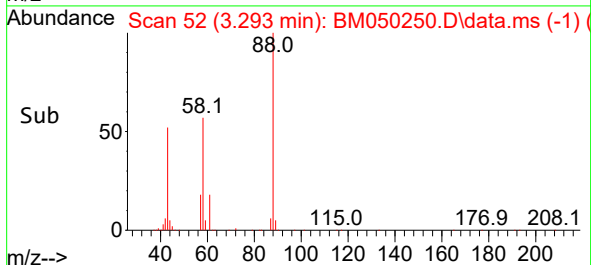
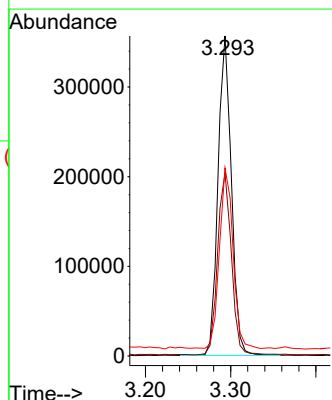
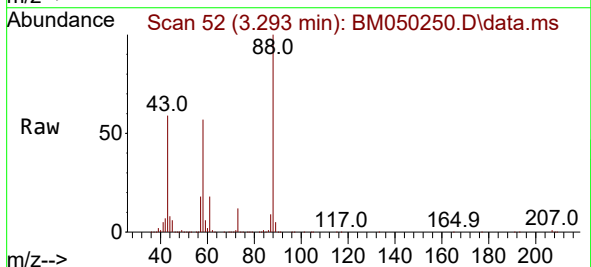
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ClientSampleId :

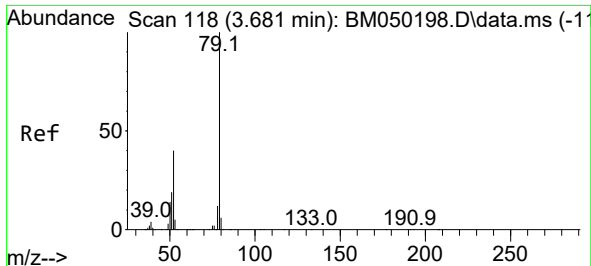
Tgt Ion:152 Resp: 392950
Ion Ratio Lower Upper
152 100
150 156.6 122.2 183.4
115 59.5 46.3 69.5



#2
1,4-Dioxane
Concen: 37.629 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.012 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

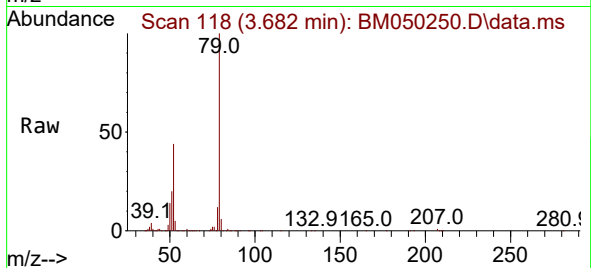
Tgt Ion: 88 Resp: 388538
Ion Ratio Lower Upper
88 100
58 58.7 42.9 64.3
43 56.7 11.0 16.6#





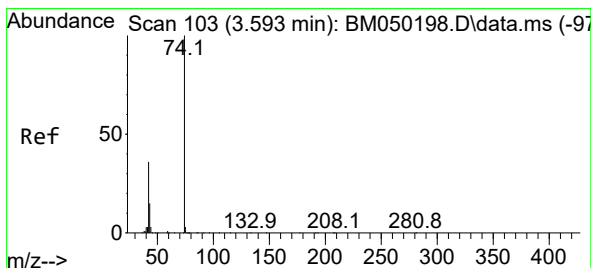
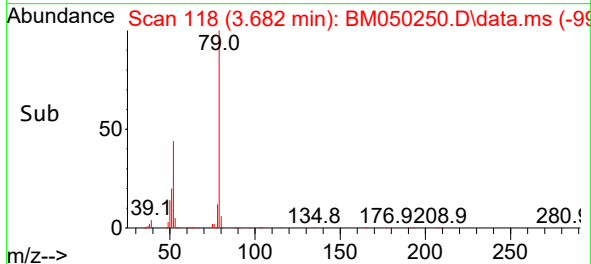
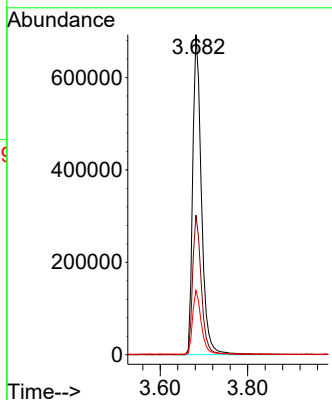
#3
 Pyridine
 Concen: 36.148 ng
 RT: 3.682 min Scan# 118
 Delta R.T. 0.012 min
 Lab File: BM050250.D
 Acq: 09 Jun 2025 20:19

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 79 Resp: 966583

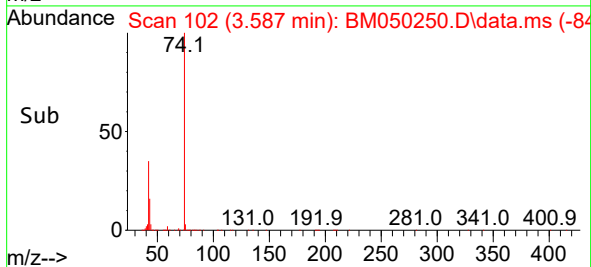
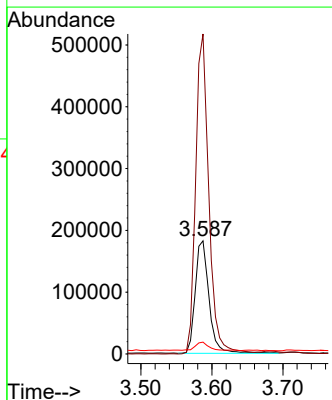
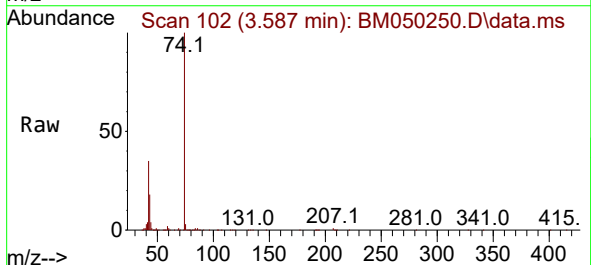
Ion	Ratio	Lower	Upper
79	100		
52	43.6	32.1	48.1
51	20.0	15.4	23.0

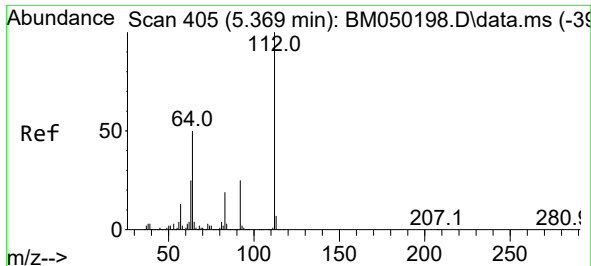


#4
 n-Nitrosodimethylamine
 Concen: 44.460 ng
 RT: 3.587 min Scan# 102
 Delta R.T. 0.006 min
 Lab File: BM050250.D
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Tgt Ion: 42 Resp: 245837

Ion	Ratio	Lower	Upper
42	100		
74	282.9	222.0	333.0
44	10.4	7.0	10.6

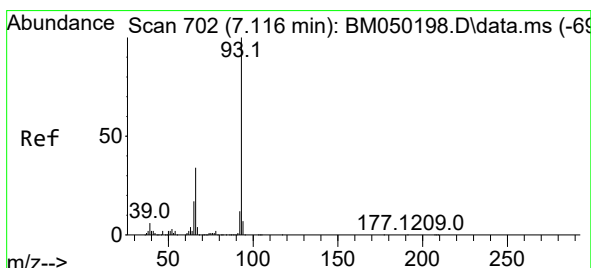
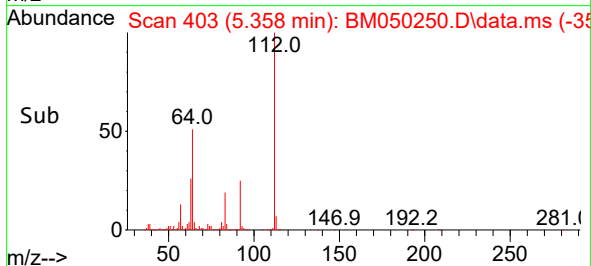
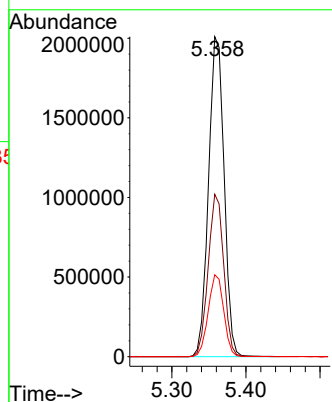
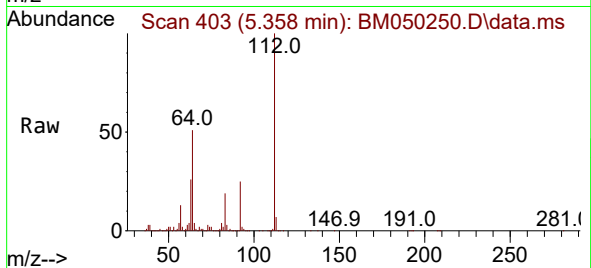




#5
2-Fluorophenol
Concen: 124.700 ng
RT: 5.358 min Scan# 405
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

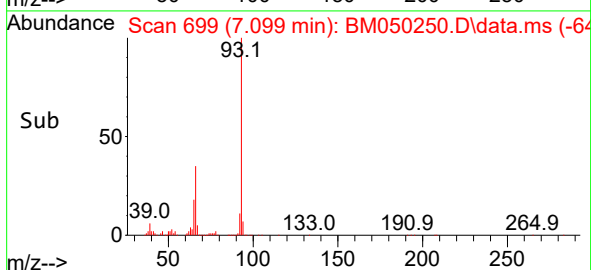
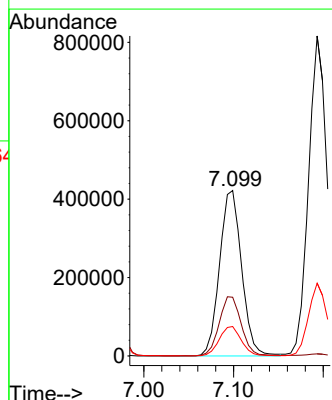
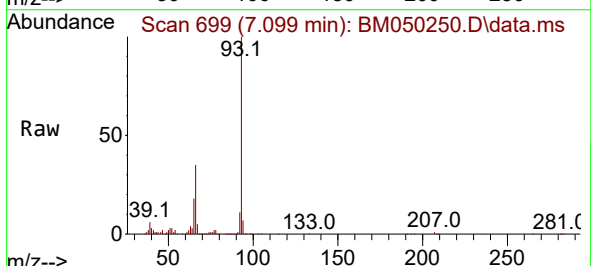
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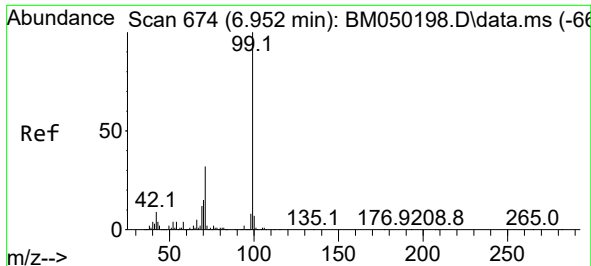
Tgt Ion:112 Resp: 2937446
Ion Ratio Lower Upper
112 100
64 50.7 39.8 59.6
63 25.6 19.8 29.8



#6
Aniline
Concen: 17.593 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion: 93 Resp: 721210
Ion Ratio Lower Upper
93 100
66 35.5 27.4 41.2
65 17.8 13.6 20.4

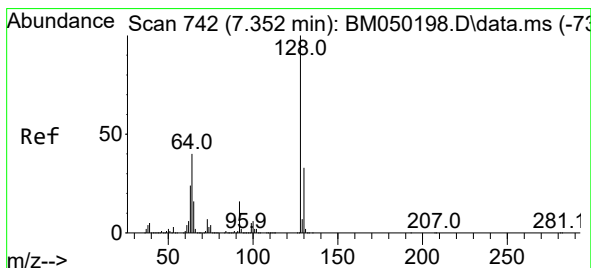
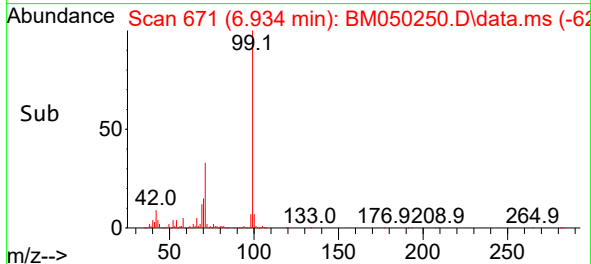
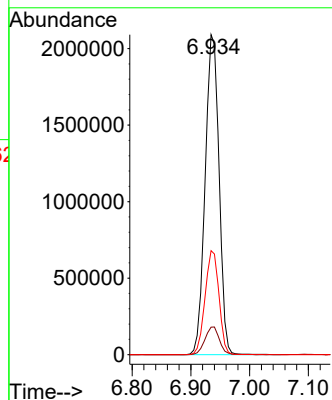
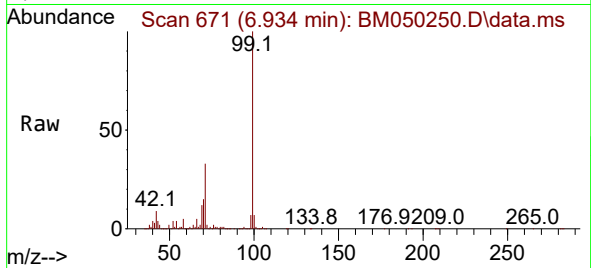




#7
Phenol-d6
Concen: 110.627 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM050250.D
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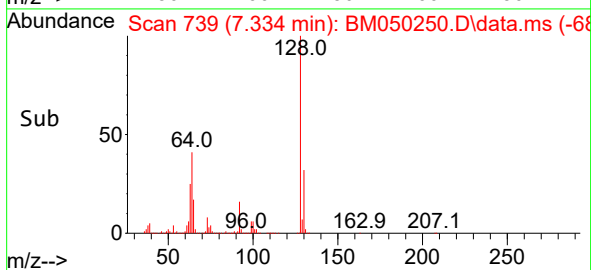
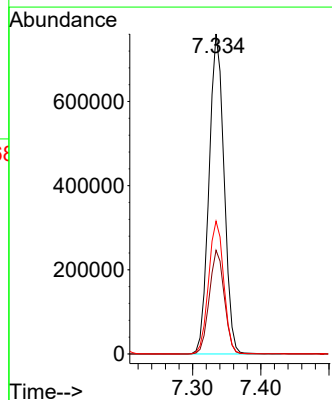
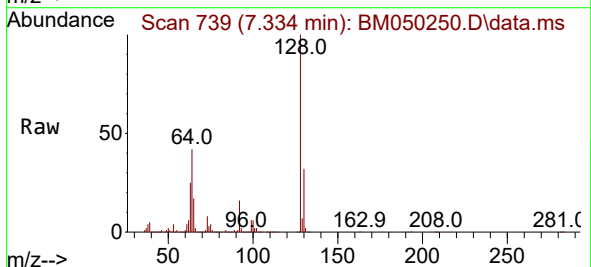
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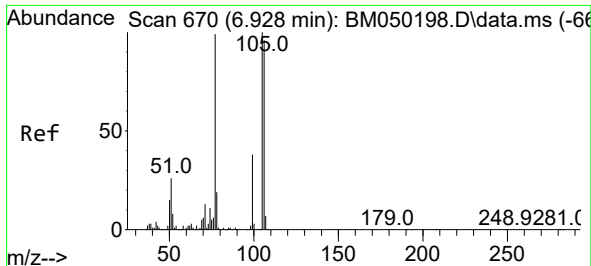
Tgt Ion: 99 Resp: 3430486
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 32.5 25.3 37.9



#8
2-Chlorophenol
Concen: 45.083 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion: 128 Resp: 1168140
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 41.5 19.8 59.8

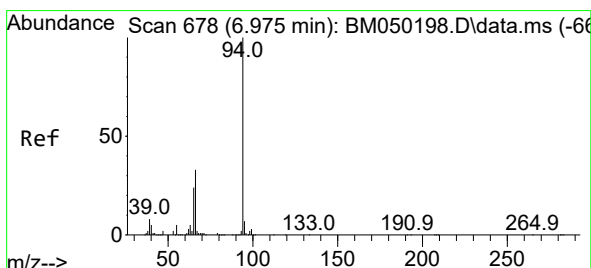
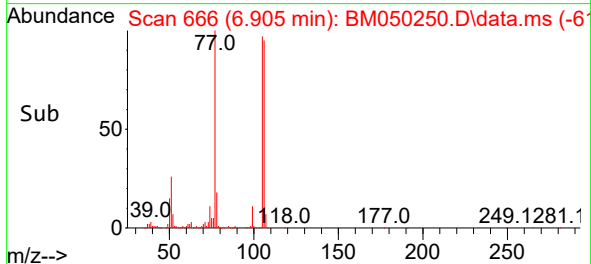
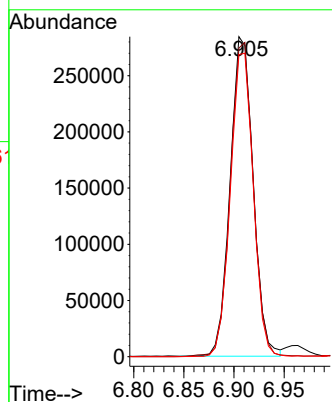
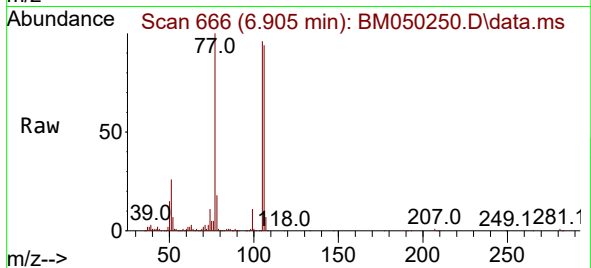




#9
Benzaldehyde
Concen: 22.999 ng
RT: 6.905 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM050250.D
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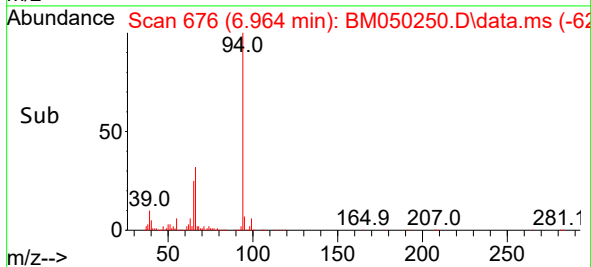
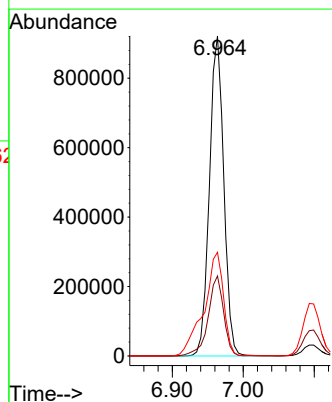
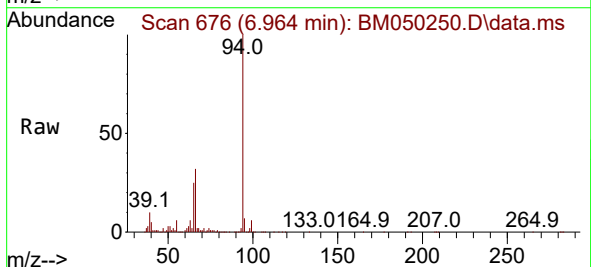
Instrument :
BNA_M
ClientSampleId :

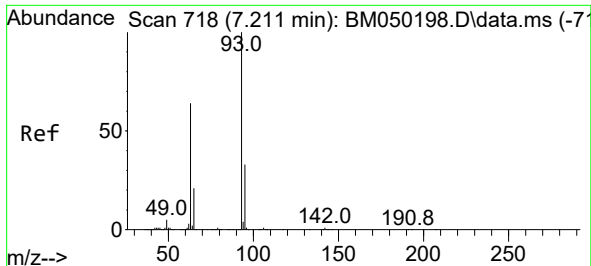
Tgt Ion: 77 Resp: 453430
Ion Ratio Lower Upper
77 100
105 96.4 80.9 120.9
106 94.4 77.1 117.1



#10
Phenol
Concen: 39.503 ng
RT: 6.964 min Scan# 676
Delta R.T. 0.006 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion: 94 Resp: 1296102
Ion Ratio Lower Upper
94 100
65 25.0 4.3 44.3
66 32.4 12.9 52.9

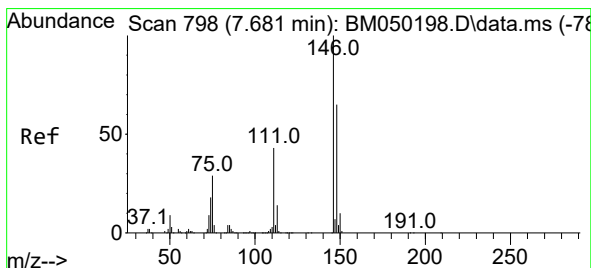
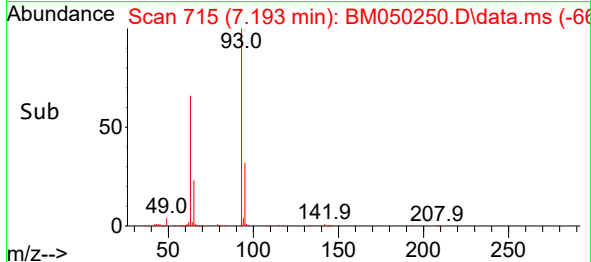
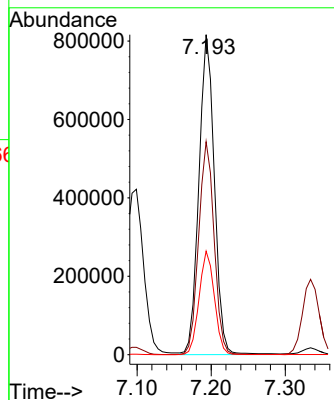
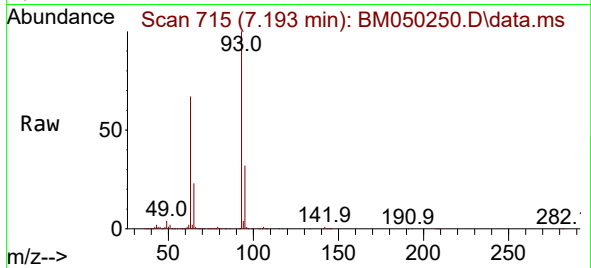




#11
bis(2-Chloroethyl)ether
Concen: 44.996 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

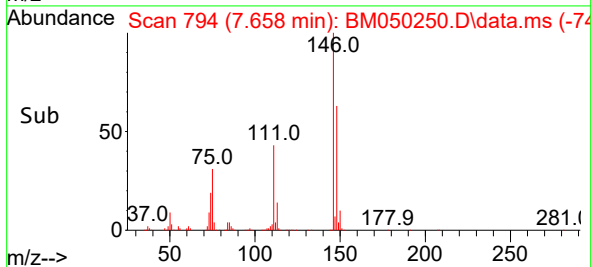
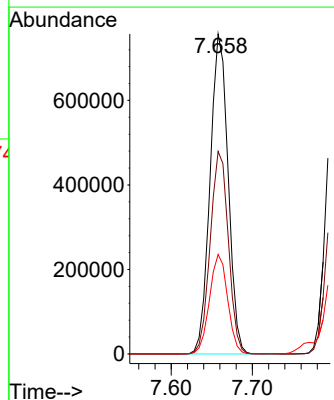
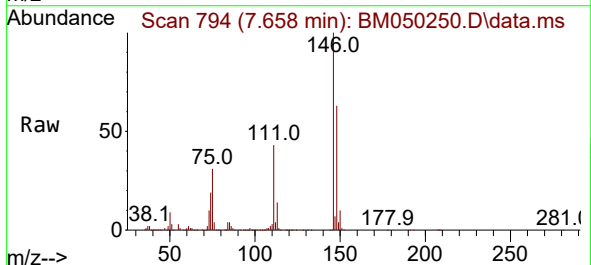
Instrument :
BNA_M
ClientSampleId :

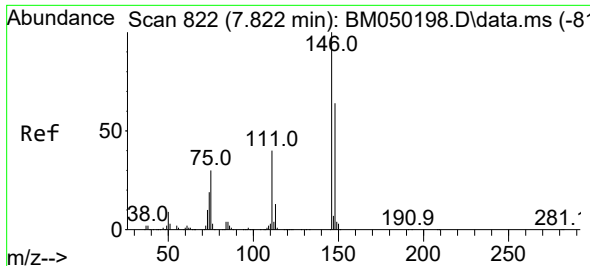
Tgt Ion: 93 Resp: 1187468
Ion Ratio Lower Upper
93 100
63 66.6 43.9 83.9
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.261 ng
RT: 7.658 min Scan# 794
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:146 Resp: 1166230
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 31.1 23.4 35.0

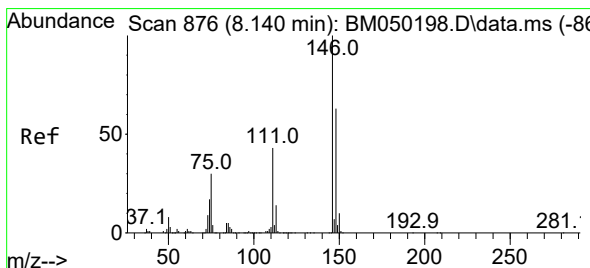
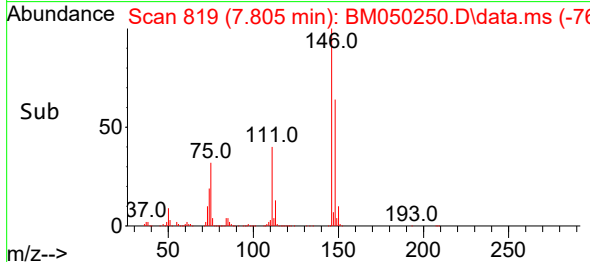
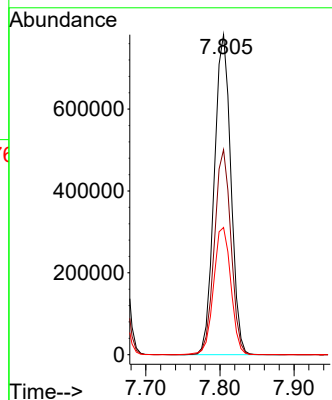
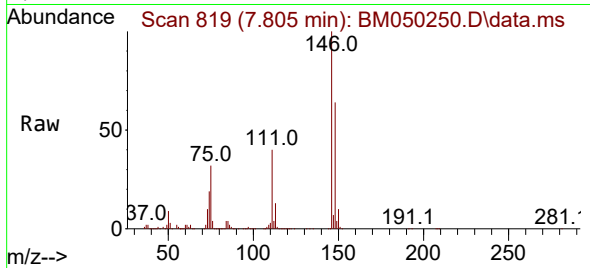




#13
1,4-Dichlorobenzene
Concen: 40.289 ng
RT: 7.805 min Scan# 819
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

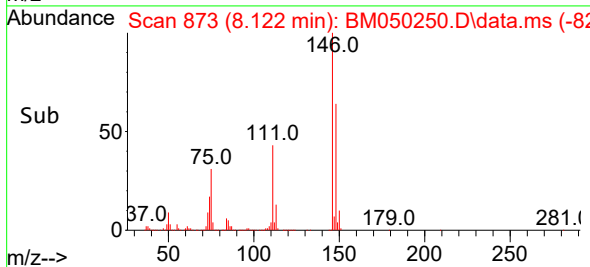
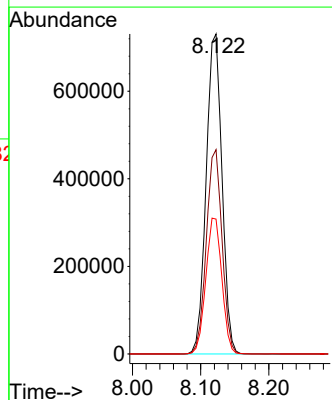
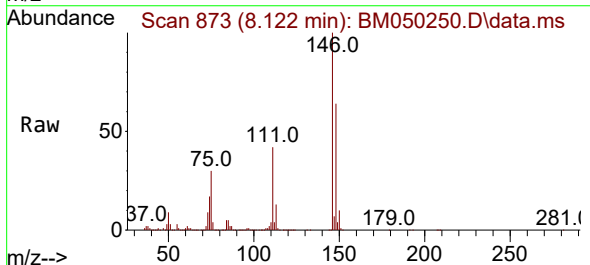
Instrument :
BNA_M
ClientSampleId :

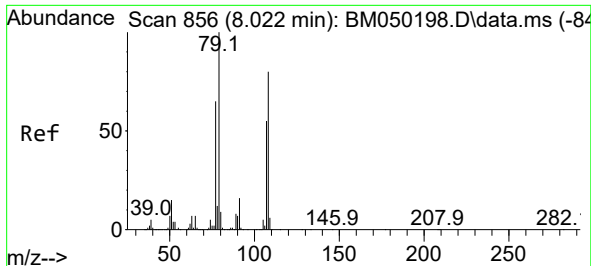
Tgt Ion:146 Resp: 1214259
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 39.8 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 41.067 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:146 Resp: 1179906
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
111 42.1 34.3 51.5

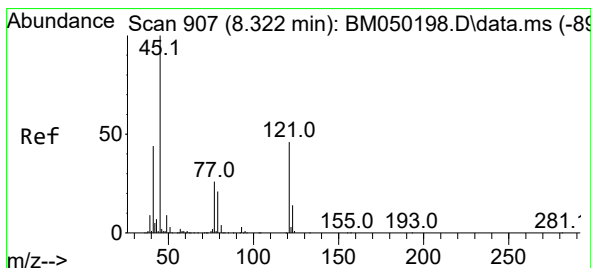
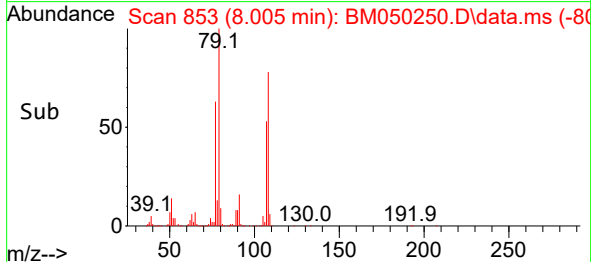
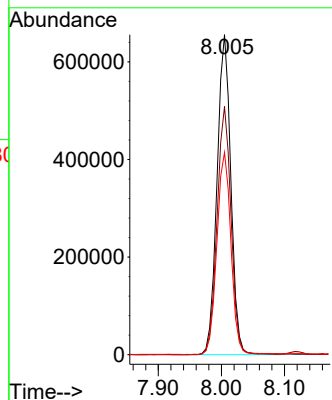
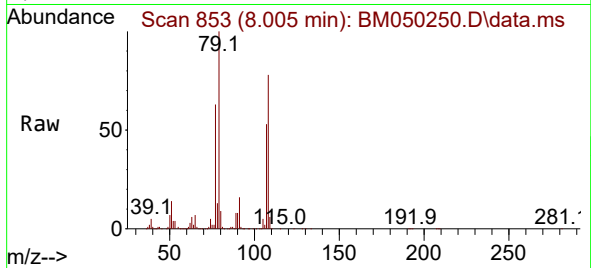




#15
Benzyl Alcohol
Concen: 44.963 ng
RT: 8.005 min Scan# 80
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

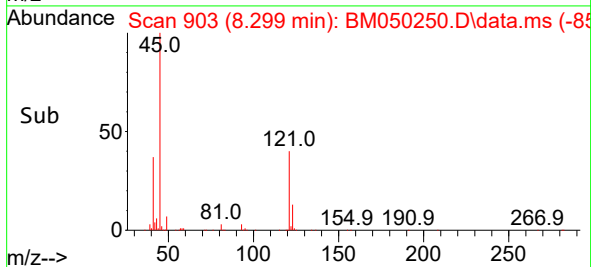
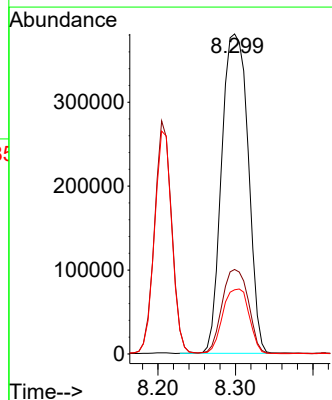
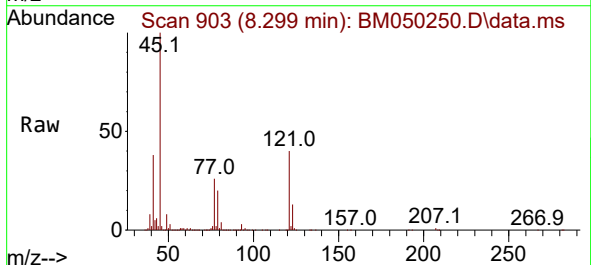
Instrument :
BNA_M
ClientSampleId :

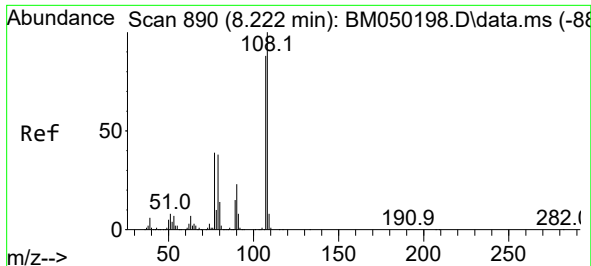
Tgt Ion: 79 Resp: 994445
Ion Ratio Lower Upper
79 100
108 77.6 64.0 96.0
77 63.2 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.367 ng
RT: 8.299 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

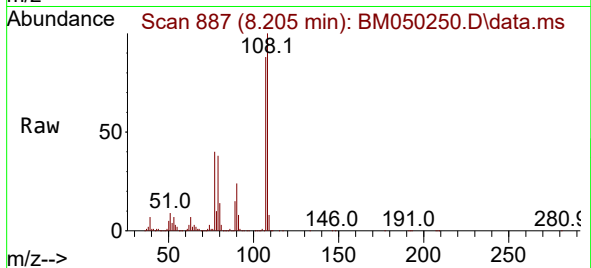
Tgt Ion: 45 Resp: 905020
Ion Ratio Lower Upper
45 100
77 26.4 8.7 48.7
79 20.0 2.7 42.7



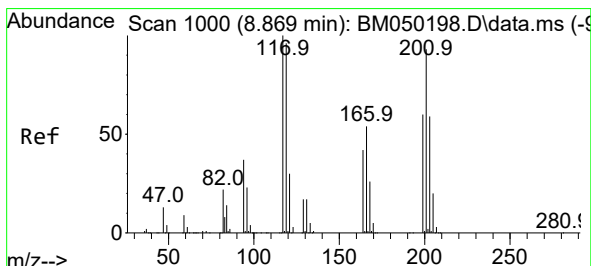
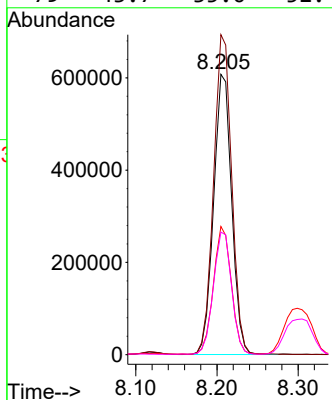
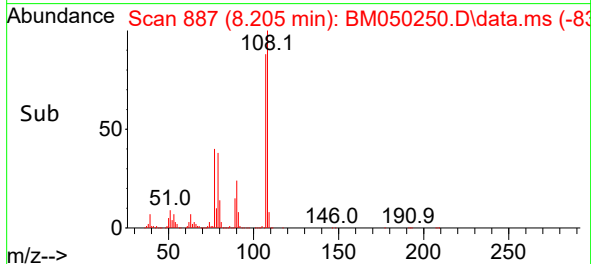


#17
2-Methylphenol
Concen: 43.331 ng
RT: 8.205 min Scan# 81
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

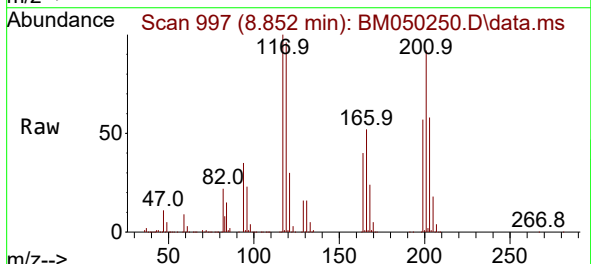
Instrument :
BNA_M
ClientSampleId :



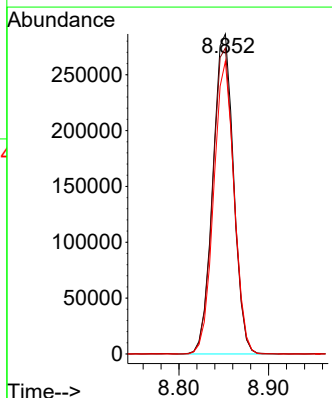
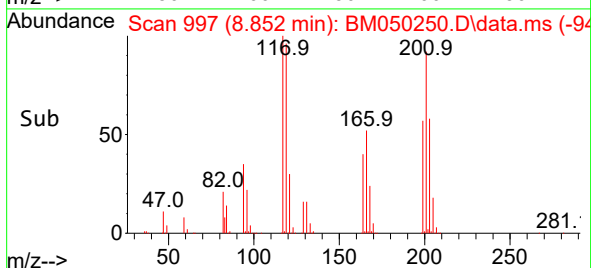
Tgt Ion:	107	Resp:	938045
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.8	136.2
77	45.7	35.7	53.5
79	43.7	35.0	52.4

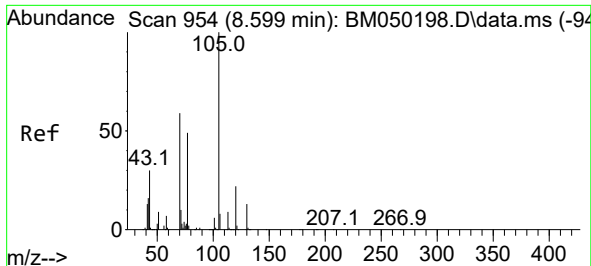


#18
Hexachloroethane
Concen: 42.245 ng
RT: 8.852 min Scan# 997
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19



Tgt Ion:	117	Resp:	461080
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
201	91.5	74.6	111.8

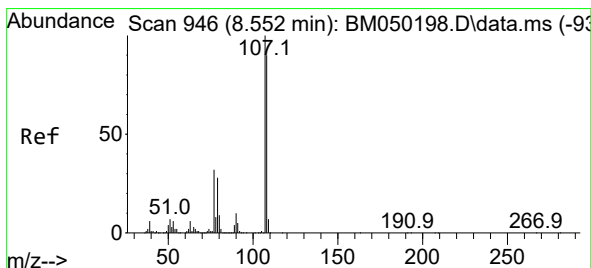
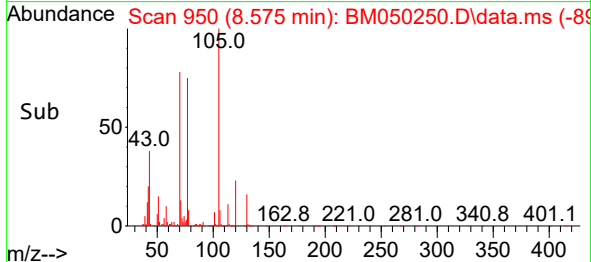
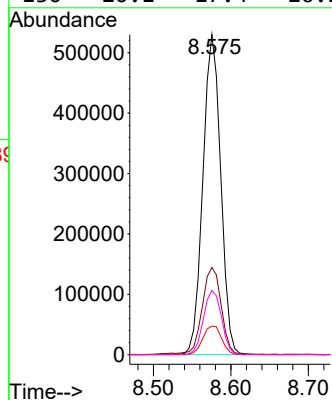
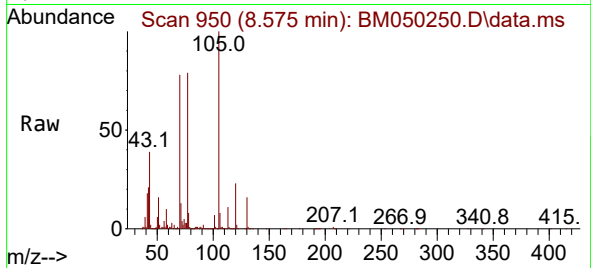




#19
n-Nitroso-di-n-propylamine
Concen: 44.418 ng
RT: 8.575 min Scan# 91
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

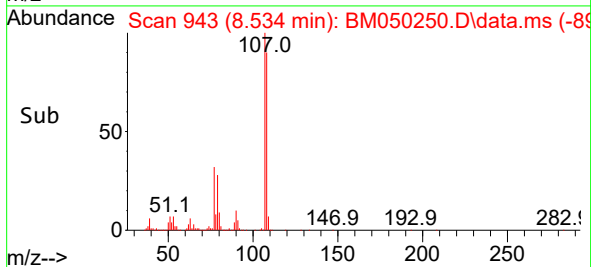
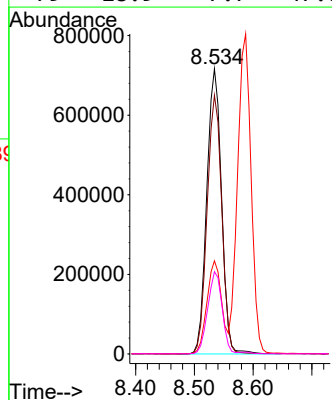
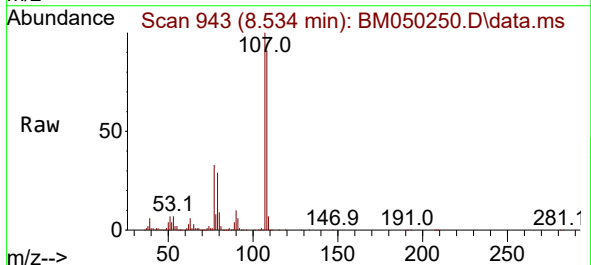
Instrument :
BNA_M
ClientSampleId :

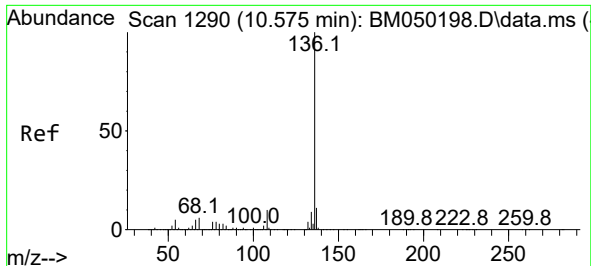
Tgt Ion: 70 Resp: 842877
Ion Ratio Lower Upper
70 100
42 27.3 22.6 33.8
101 9.0 8.3 12.5
130 20.1 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.920 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

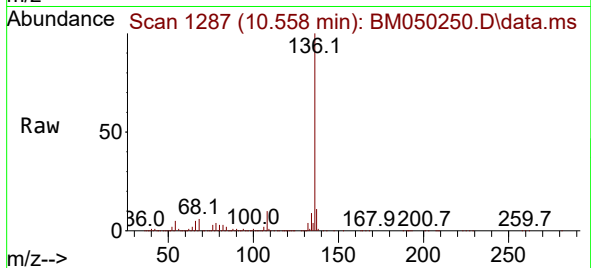
Tgt Ion: 107 Resp: 1243110
Ion Ratio Lower Upper
107 100
108 90.7 70.4 110.4
77 32.7 12.2 52.2
79 28.9 7.7 47.7





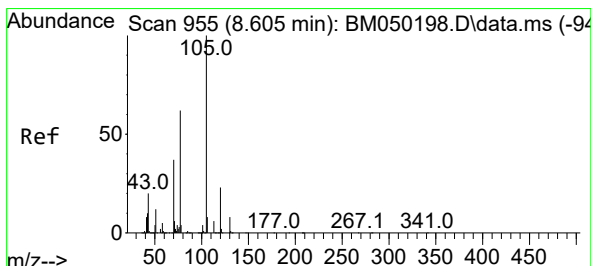
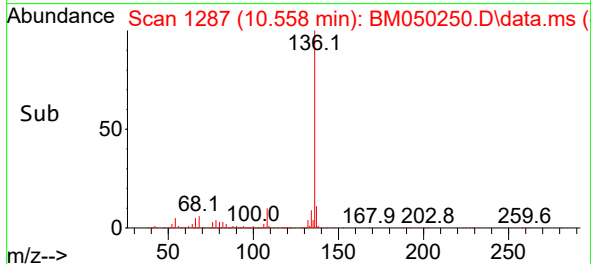
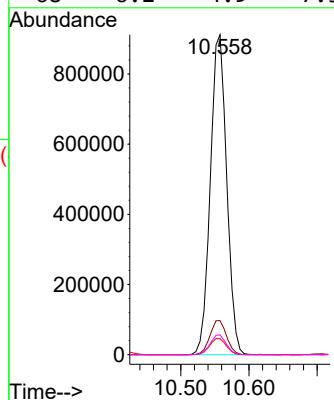
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.558 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:136 Resp: 1521763

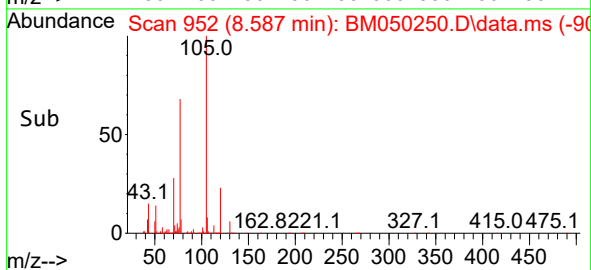
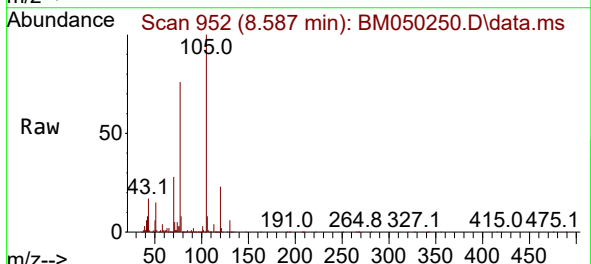
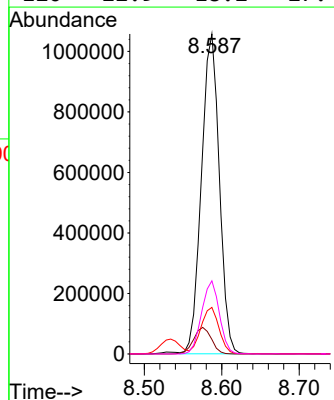
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.0	3.8	5.8
68	6.2	4.9	7.3

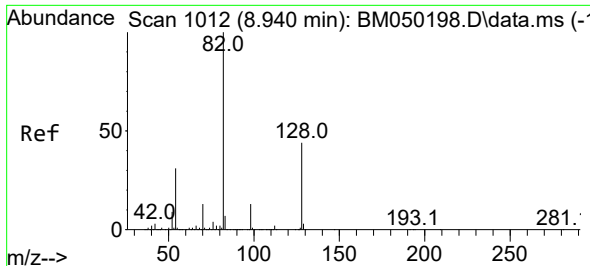


#22
Acetophenone
Concen: 44.530 ng
RT: 8.587 min Scan# 952
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:105 Resp: 1692937

Ion	Ratio	Lower	Upper
105	100		
71	4.5	5.0	7.4#
51	14.6	11.4	17.2
120	22.9	18.2	27.4

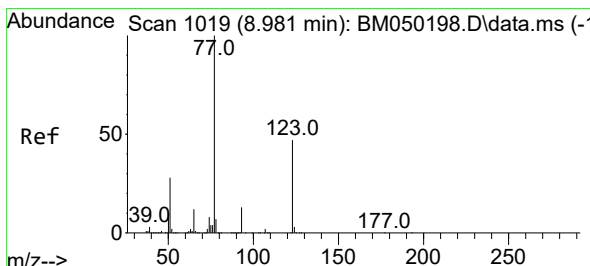
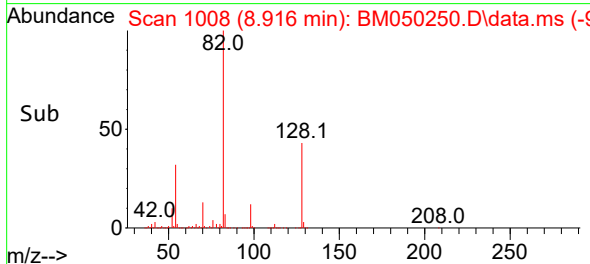
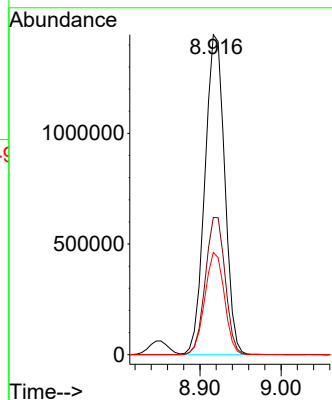
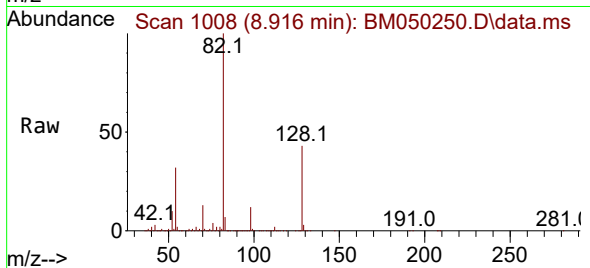




#23
Nitrobenzene-d5
Concen: 83.563 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

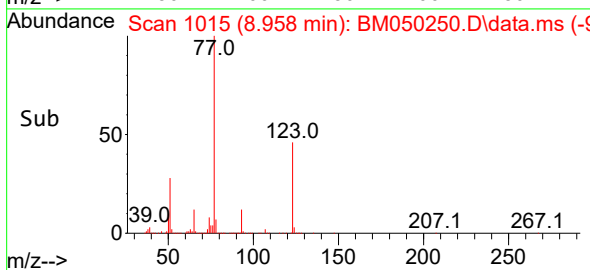
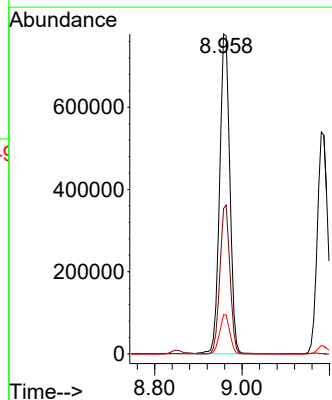
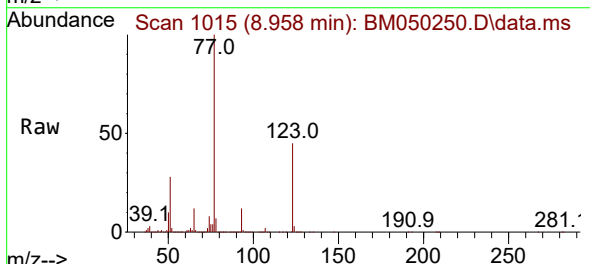
Instrument :
BNA_M
ClientSampleId :

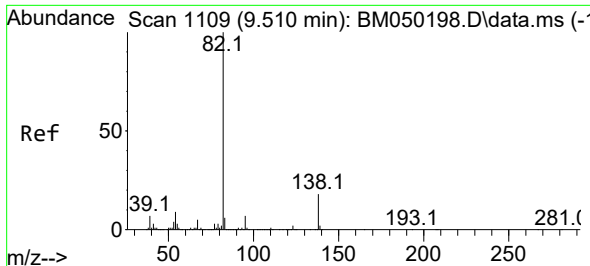
Tgt Ion: 82 Resp: 2445053
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 32.0 24.5 36.7



#24
Nitrobenzene
Concen: 47.211 ng
RT: 8.958 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion: 77 Resp: 1256342
Ion Ratio Lower Upper
77 100
123 45.4 38.2 57.2
65 12.3 9.5 14.3

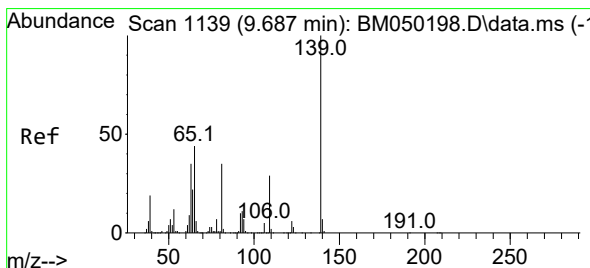
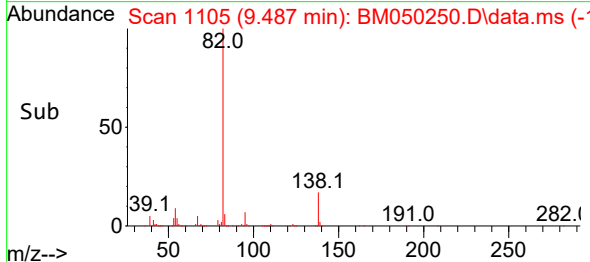
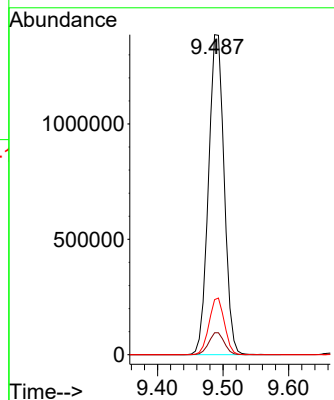
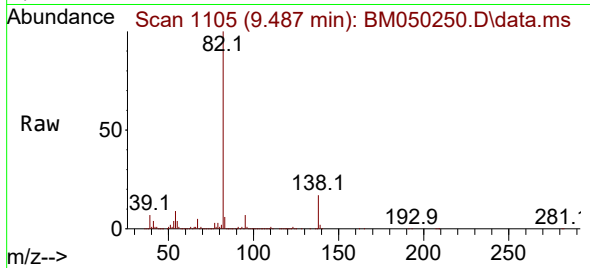




#25
Isophorone
Concen: 45.614 ng
RT: 9.487 min Scan# 1105
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

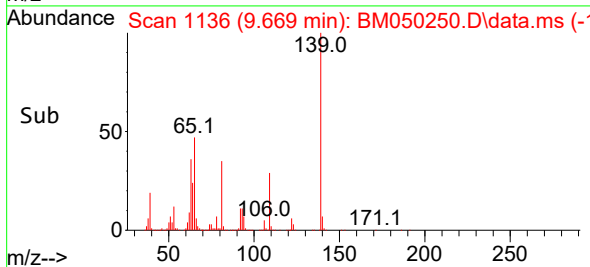
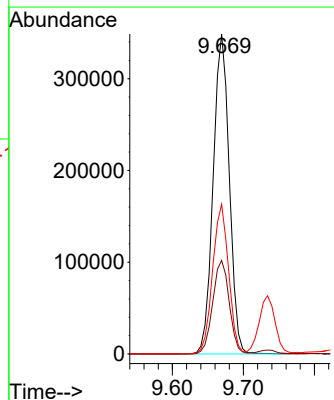
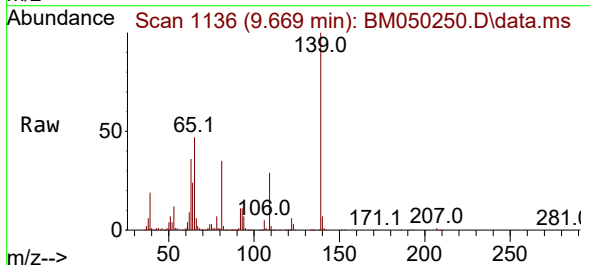
Instrument :
BNA_M
ClientSampleId :

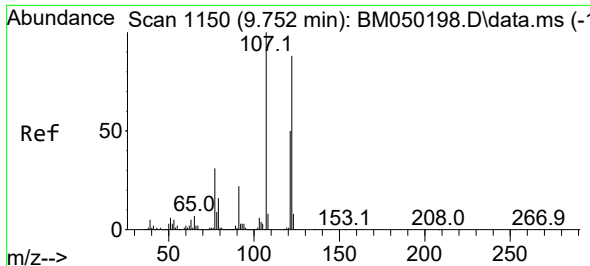
Tgt Ion: 82 Resp: 2303628
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.2 14.2 21.2



#26
2-Nitrophenol
Concen: 47.667 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:139 Resp: 547550
Ion Ratio Lower Upper
139 100
109 29.3 23.3 34.9
65 46.8 35.2 52.8

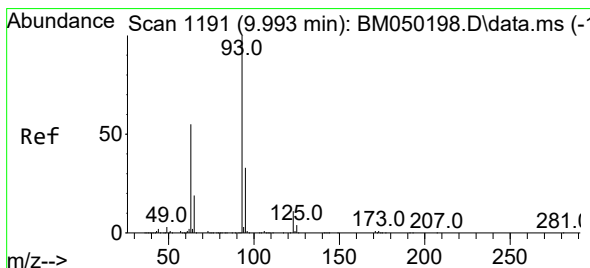
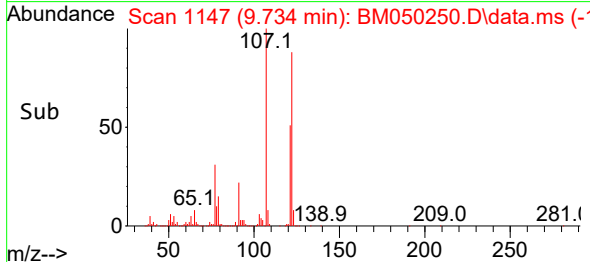
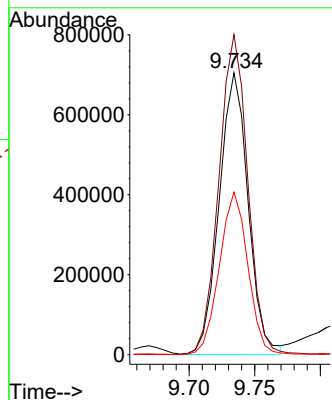
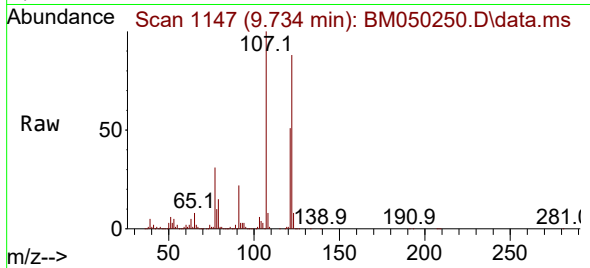




#27
2,4-Dimethylphenol
Concen: 45.700 ng
RT: 9.734 min Scan# 1147
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

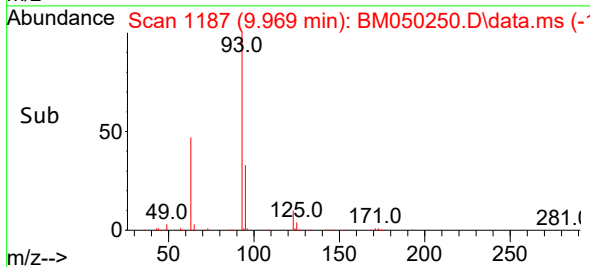
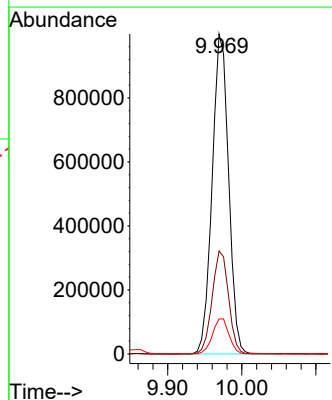
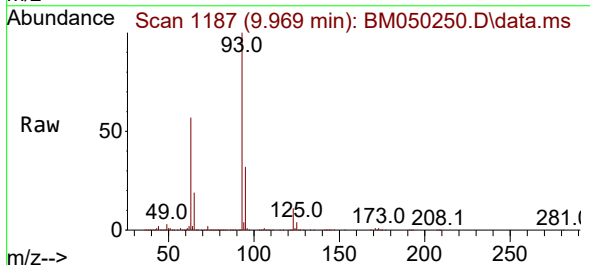
Instrument :
BNA_M
ClientSampleId :

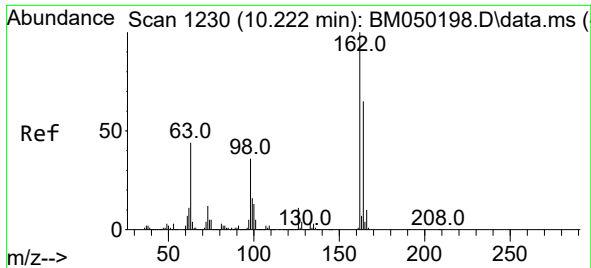
Tgt Ion:122 Resp: 1078632
Ion Ratio Lower Upper
122 100
107 113.5 91.0 136.6
121 57.7 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.658 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion: 93 Resp: 1539341
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.4
123 11.0 8.9 13.3

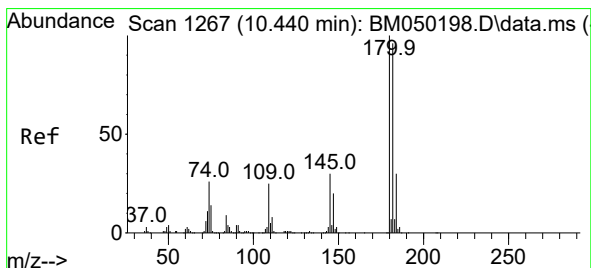
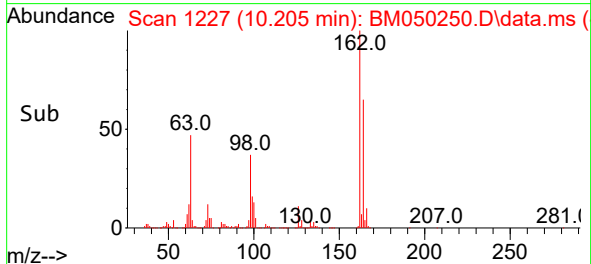
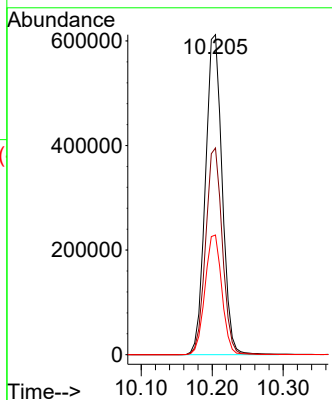
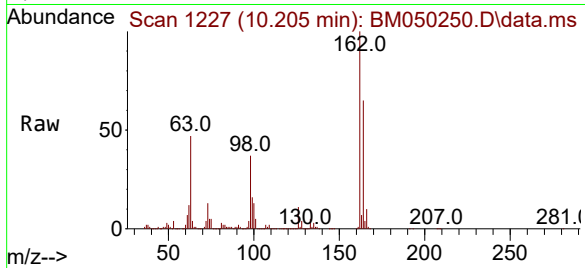




#29
2,4-Dichlorophenol
Concen: 45.889 ng
RT: 10.205 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

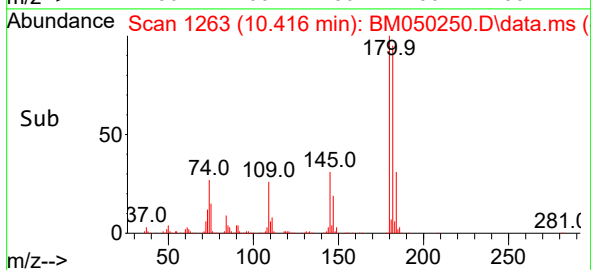
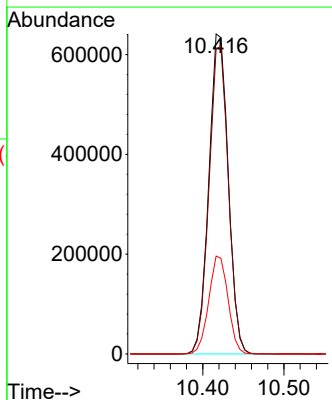
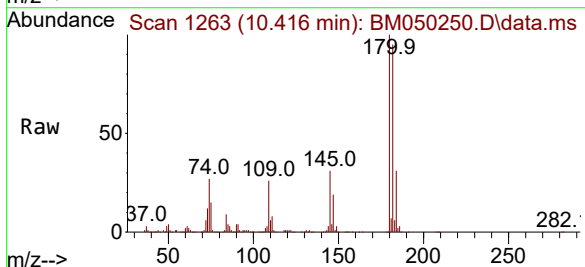
Instrument :
BNA_M
ClientSampleId :

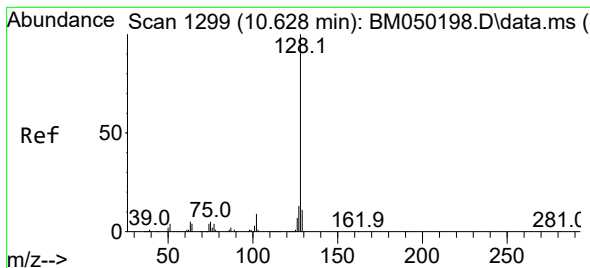
Tgt Ion:162 Resp: 1002287
Ion Ratio Lower Upper
162 100
164 64.6 45.0 85.0
98 37.4 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 43.762 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

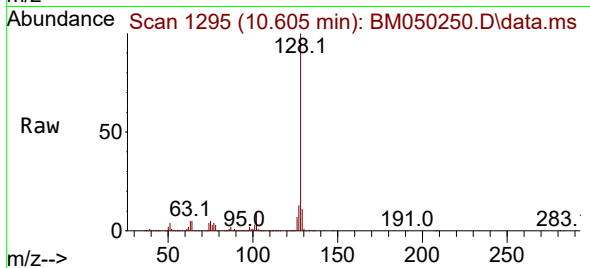
Tgt Ion:180 Resp: 1063647
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 30.6 24.2 36.4



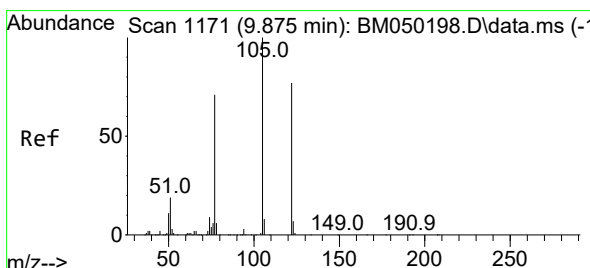
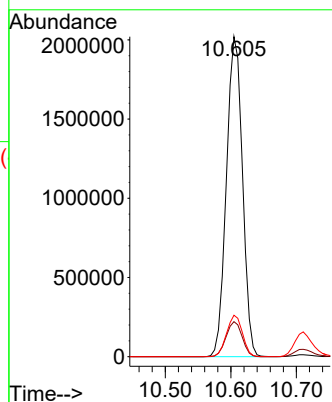
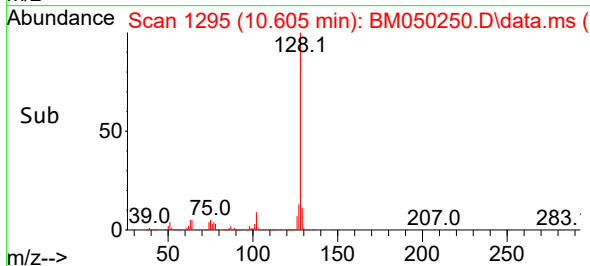


#31
Naphthalene
Concen: 43.600 ng
RT: 10.605 min Scan# 1168
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Instrument :
BNA_M
ClientSampleId :

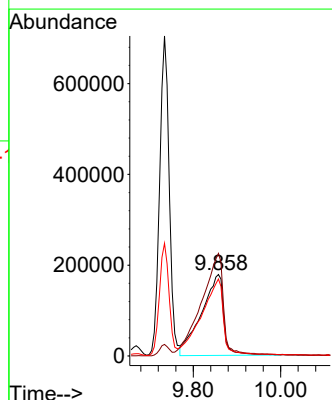
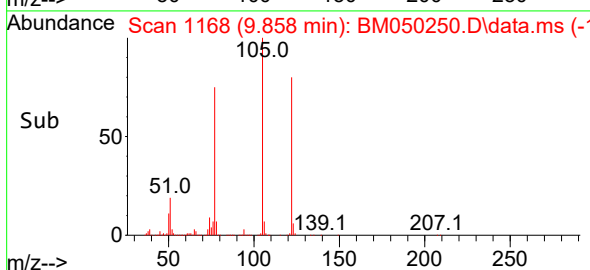
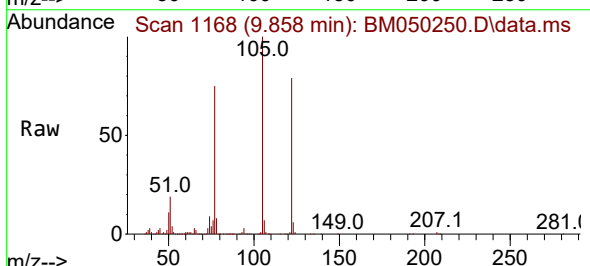


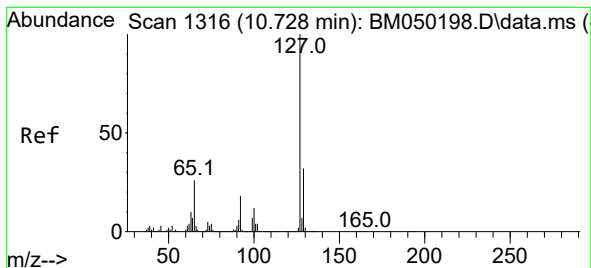
Tgt Ion:128 Resp: 3430345
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 42.526 ng
RT: 9.858 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:122 Resp: 630781
Ion Ratio Lower Upper
122 100
105 125.8 103.4 143.4
77 94.5 70.3 110.3





#33

4-Chloroaniline

Concen: 9.147 ng

RT: 10.710 min Scan# 11

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 306819

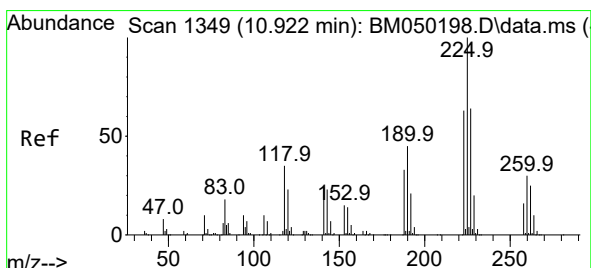
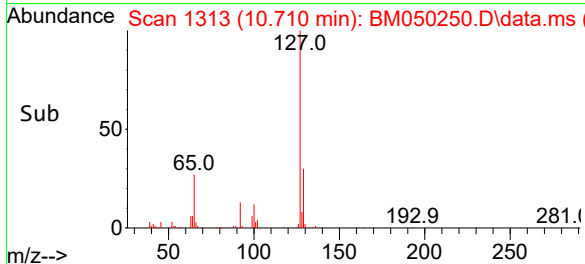
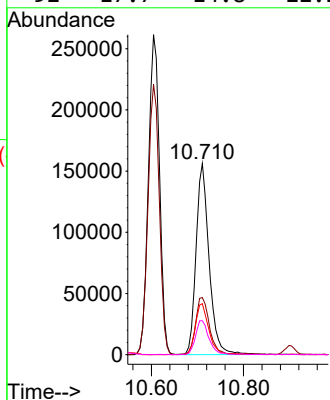
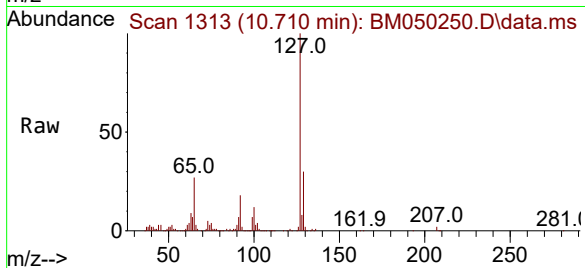
Ion Ratio Lower Upper

127 100

129 29.9 25.4 38.0

65 26.7 21.0 31.4

92 17.7 14.8 22.2



#34

Hexachlorobutadiene

Concen: 42.871 ng

RT: 10.899 min Scan# 1345

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

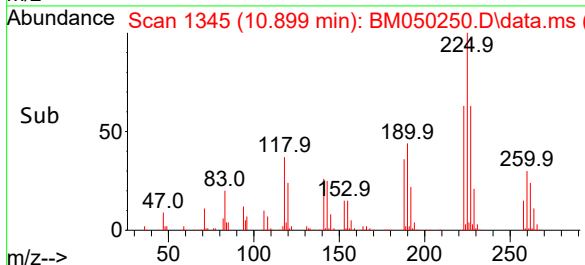
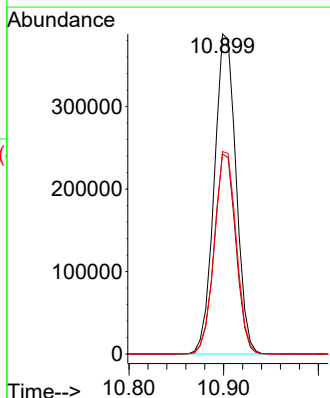
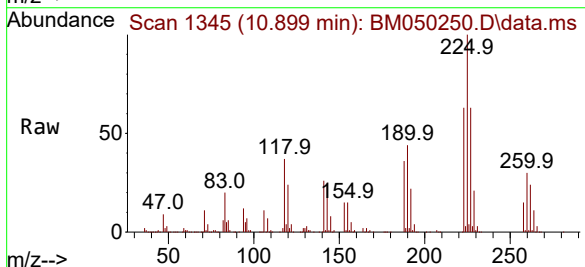
Tgt Ion:225 Resp: 619791

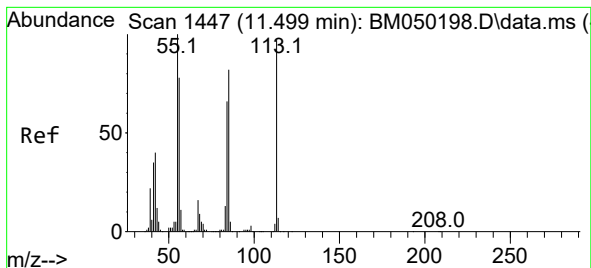
Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

227 63.2 51.0 76.4





#35

Caprolactam

Concen: 34.440 ng

RT: 11.481 min Scan# 1444

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

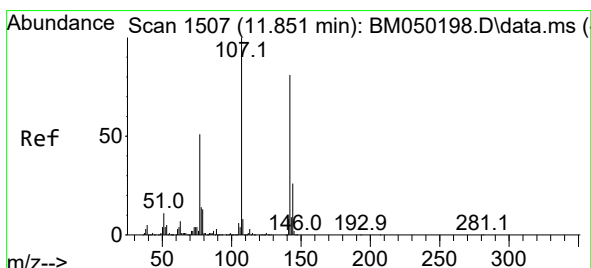
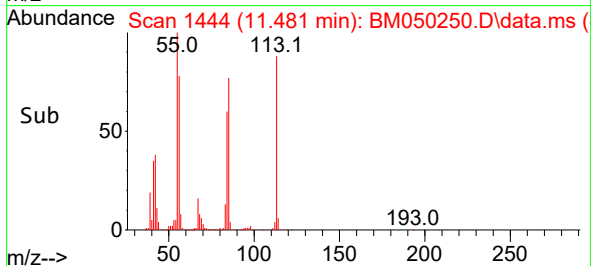
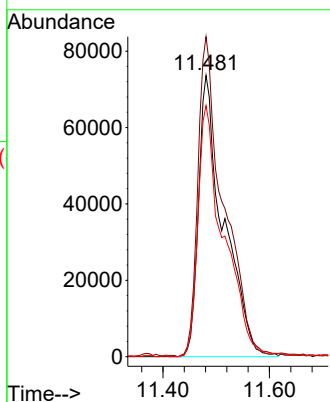
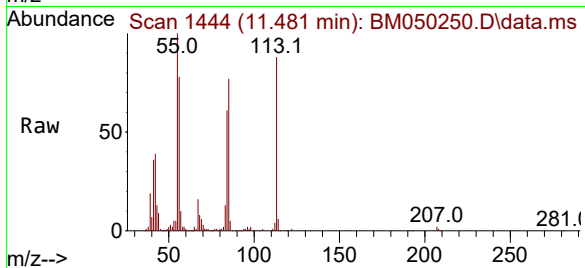
Tgt Ion:113 Resp: 238482

Ion Ratio Lower Upper

113 100

55 113.7 83.5 123.5

56 89.2 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 44.125 ng

RT: 11.834 min Scan# 1504

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

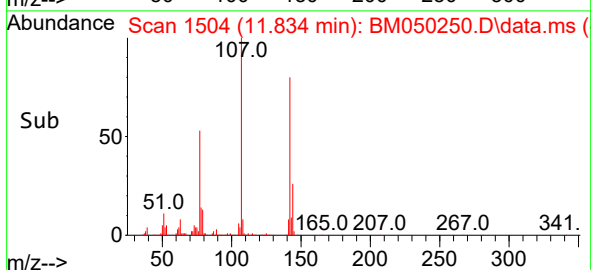
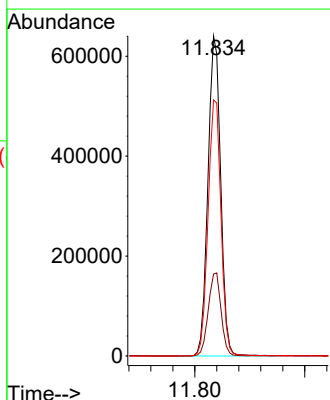
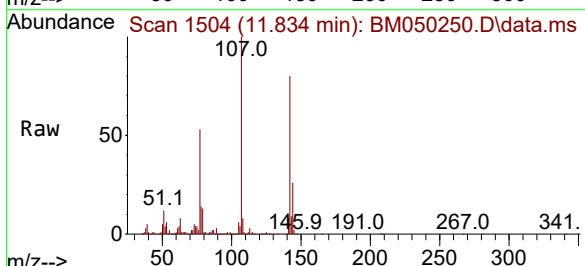
Tgt Ion:107 Resp: 1028377

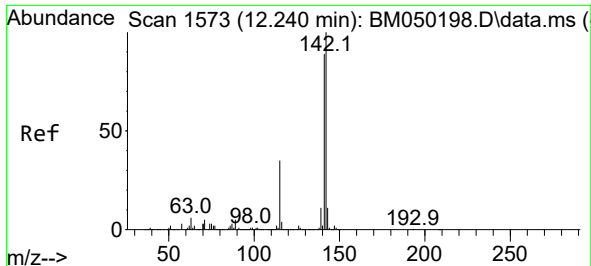
Ion Ratio Lower Upper

107 100

144 25.6 21.0 31.6

142 80.0 64.8 97.2

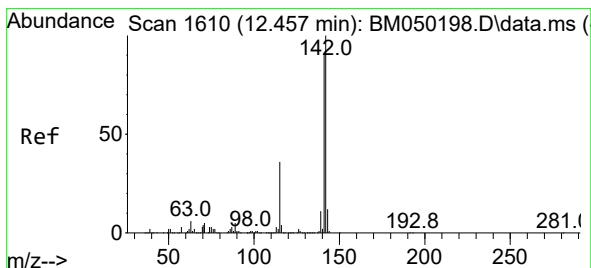
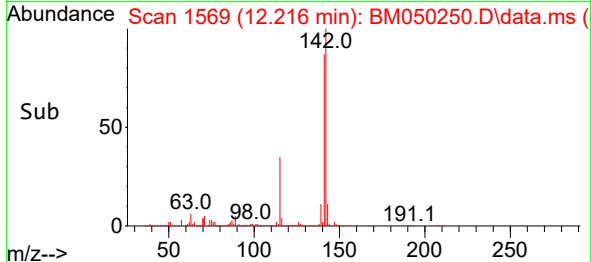
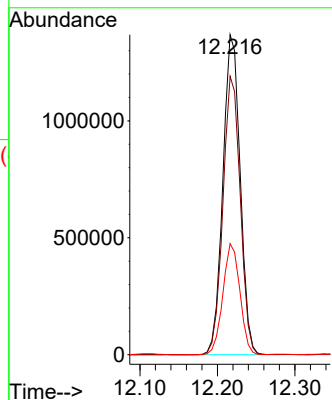
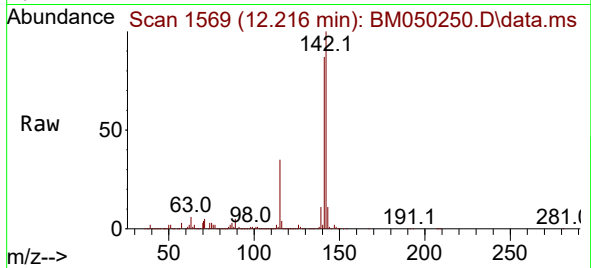




#37
2-Methylnaphthalene
Concen: 44.663 ng
RT: 12.216 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

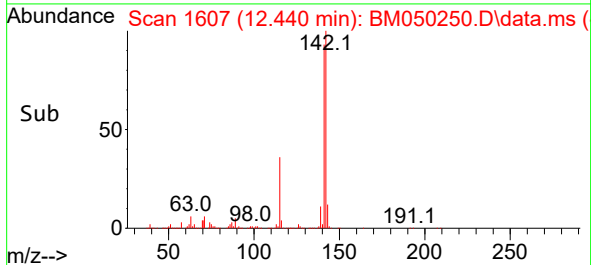
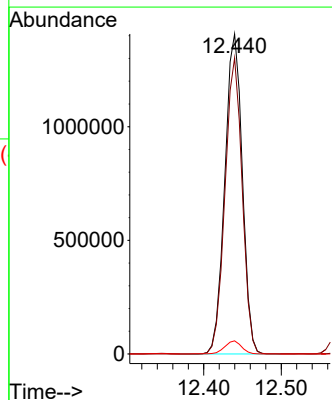
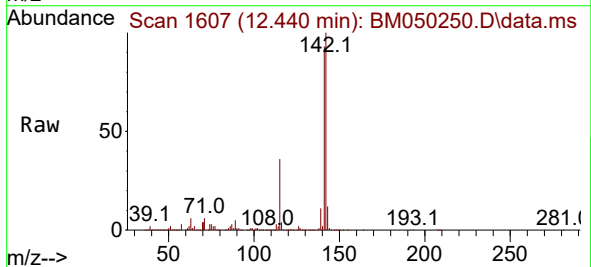
Instrument :
BNA_M
ClientSampleId :

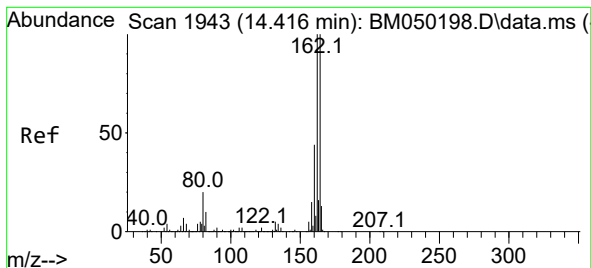
Tgt Ion:142 Resp: 2119896
Ion Ratio Lower Upper
142 100
141 87.0 71.5 107.3
115 34.7 27.8 41.8



#38
1-Methylnaphthalene
Concen: 43.860 ng
RT: 12.440 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:142 Resp: 2209544
Ion Ratio Lower Upper
142 100
141 92.5 72.9 109.3
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

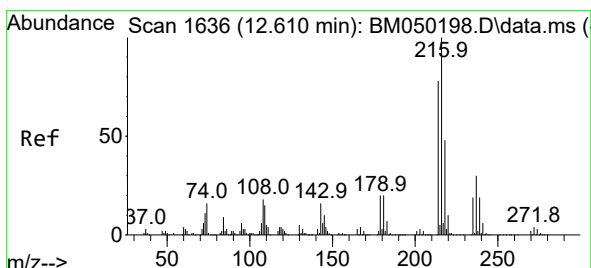
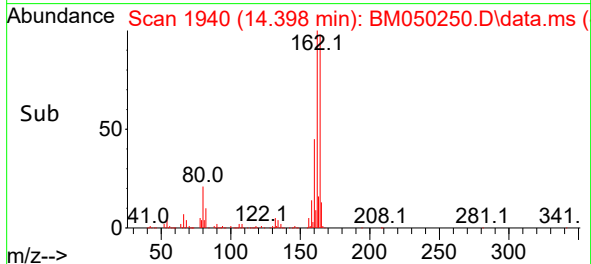
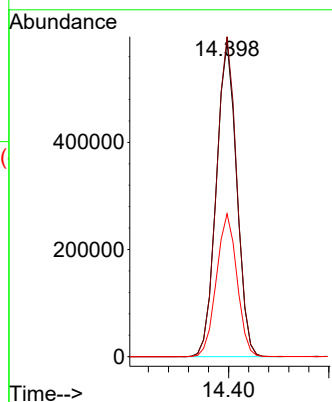
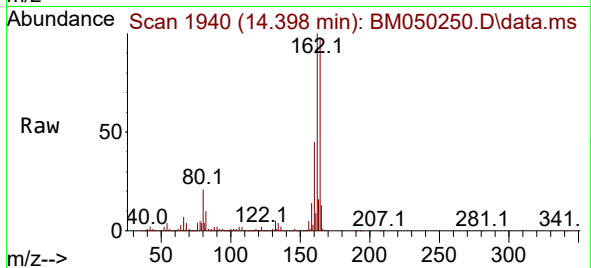
Tgt Ion:164 Resp: 827375

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.4

160 45.4 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.004 ng

RT: 12.587 min Scan# 1632

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Tgt Ion:216 Resp: 1122982

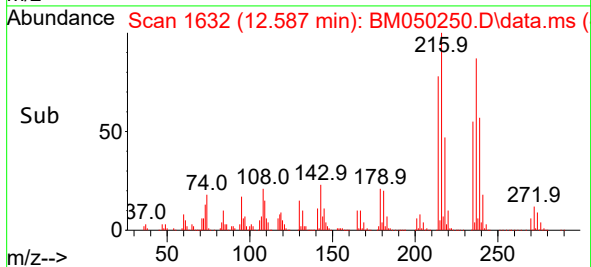
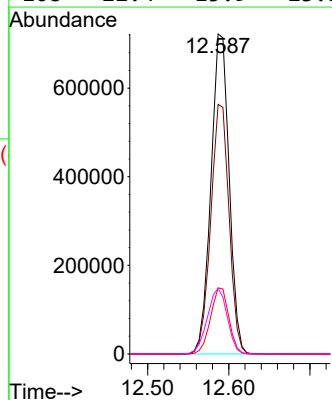
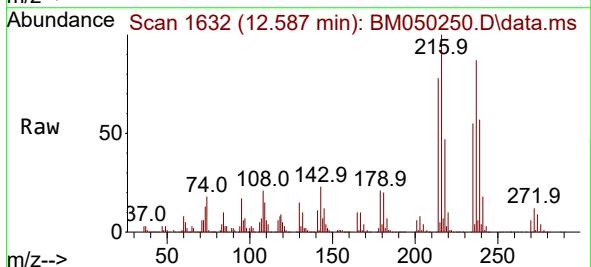
Ion Ratio Lower Upper

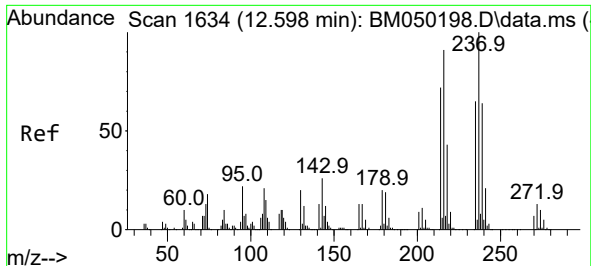
216 100

214 78.4 63.0 94.4

179 20.7 16.6 25.0

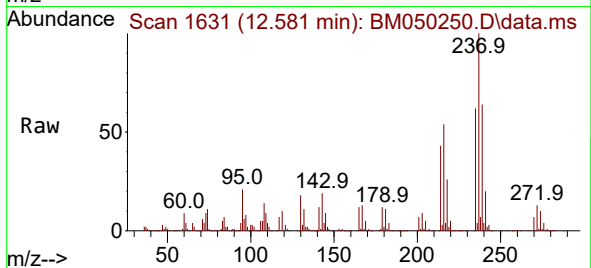
108 22.4 15.9 23.9



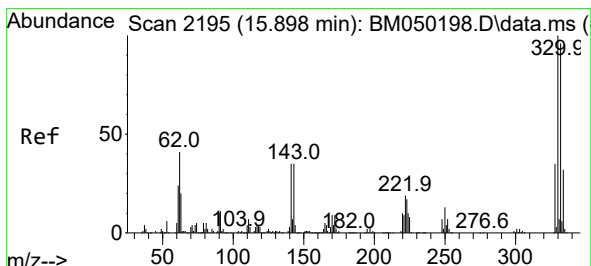
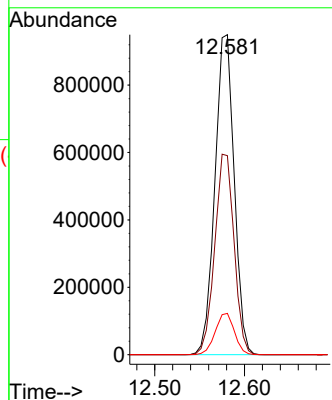
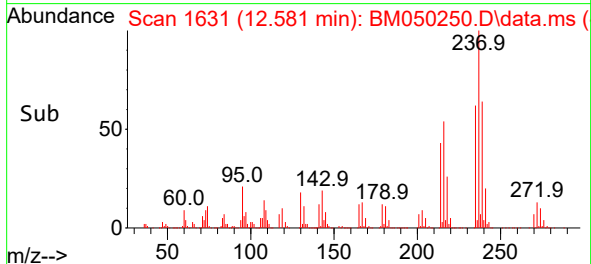


#41
Hexachlorocyclopentadiene
Concen: 97.547 ng
RT: 12.581 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

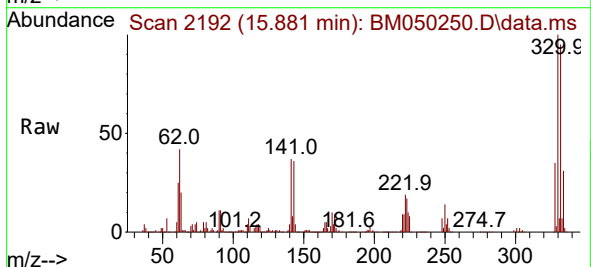
Instrument :
BNA_M
ClientSampleId :



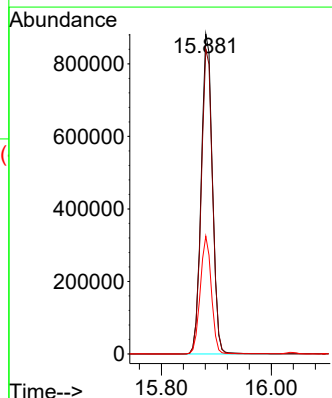
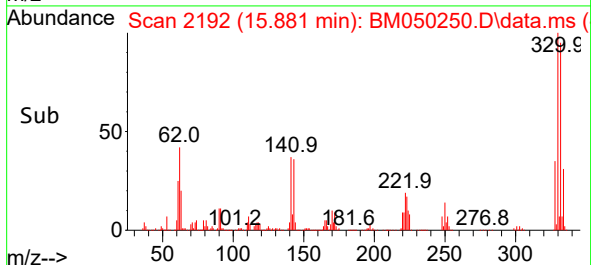
Tgt Ion:237 Resp: 1415330
Ion Ratio Lower Upper
237 100
235 62.2 44.6 84.6
272 12.9 0.0 33.1

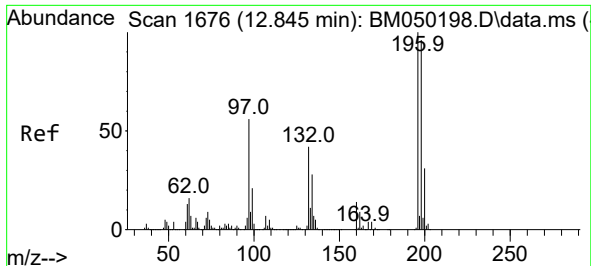


#42
2,4,6-Tribromophenol
Concen: 132.601 ng
RT: 15.881 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19



Tgt Ion:330 Resp: 1247878
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 36.5 28.8 43.2

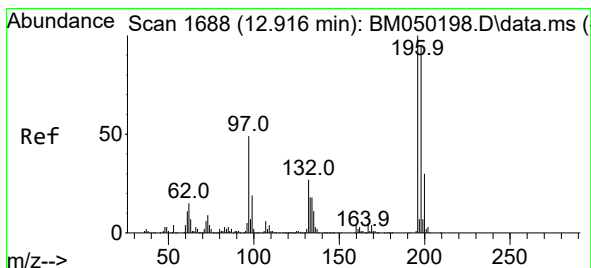
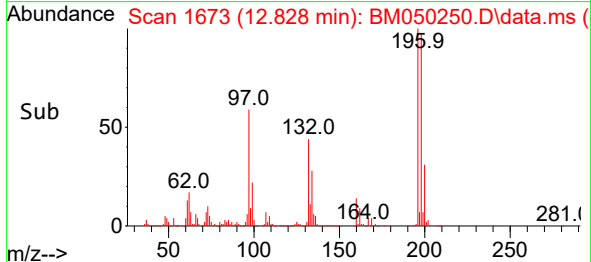
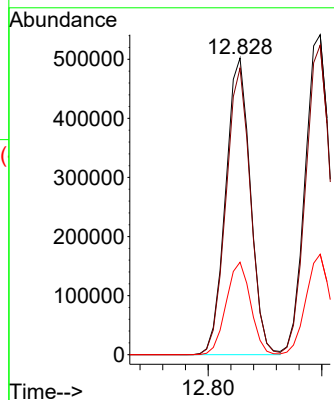
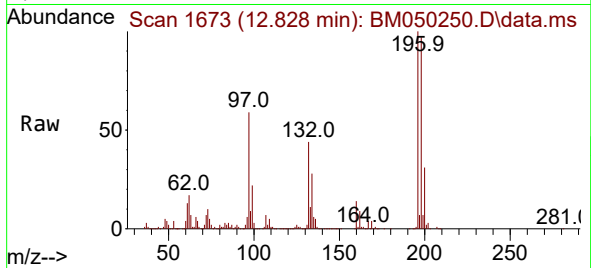




#43
2,4,6-Trichlorophenol
Concen: 48.414 ng
RT: 12.828 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

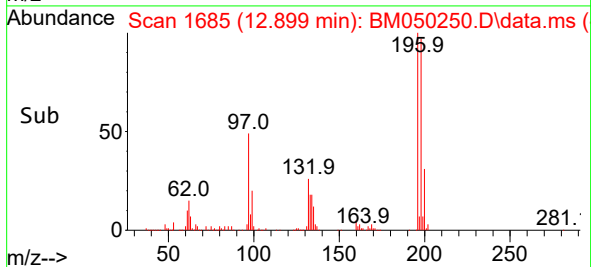
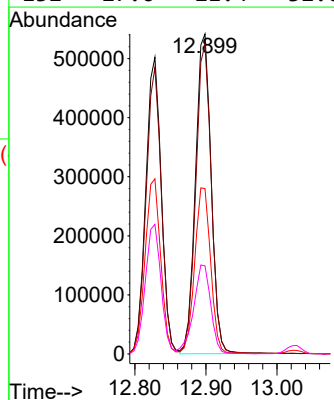
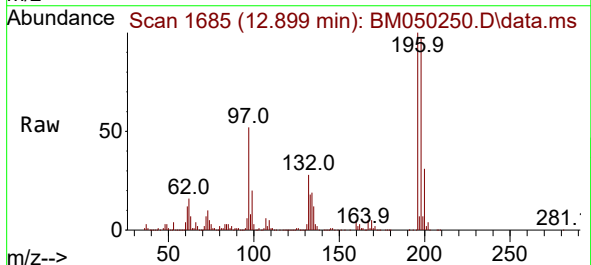
Instrument :
BNA_M
ClientSampleId :

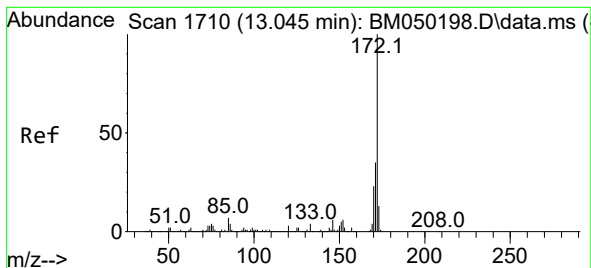
Tgt Ion:196 Resp: 760650
Ion Ratio Lower Upper
196 100
198 96.6 76.6 115.0
200 31.2 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 48.272 ng
RT: 12.899 min Scan# 1685
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:196 Resp: 832691
Ion Ratio Lower Upper
196 100
198 96.8 76.1 114.1
97 51.7 39.3 58.9
132 27.6 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 79.988 ng

RT: 13.028 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

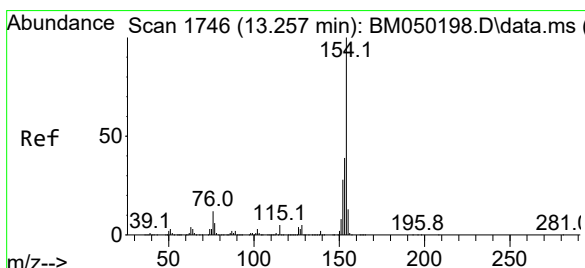
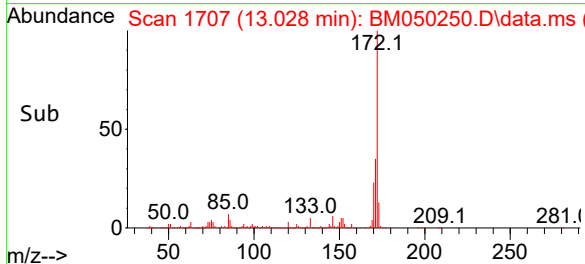
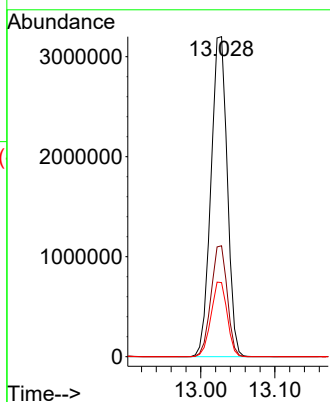
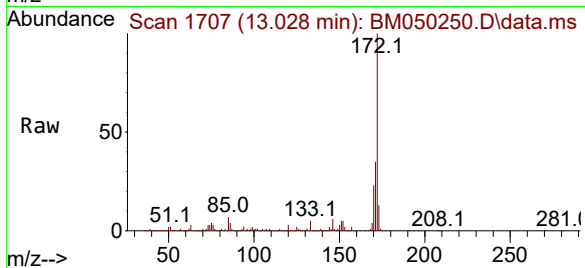
Tgt Ion:172 Resp: 4888299

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 47.263 ng

RT: 13.234 min Scan# 1742

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

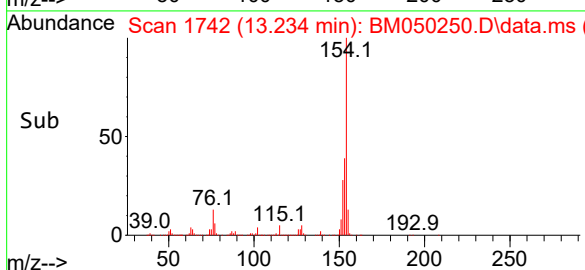
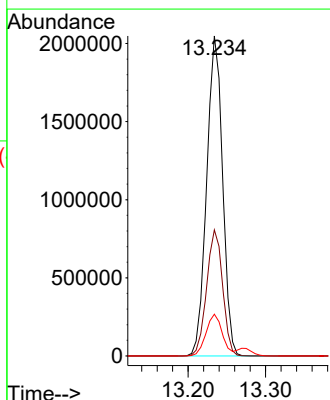
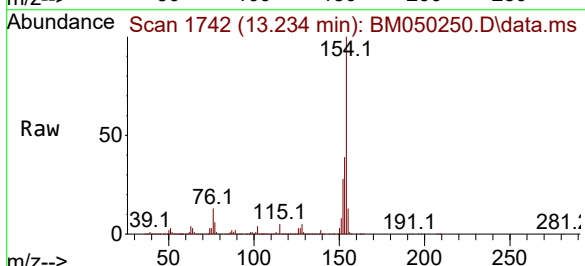
Tgt Ion:154 Resp: 2928102

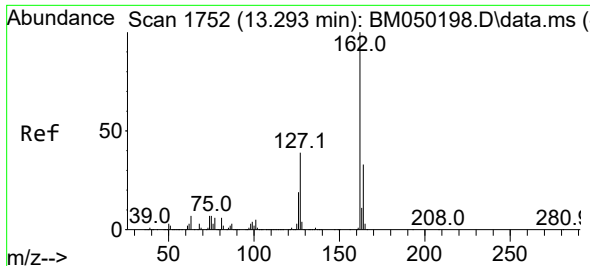
Ion Ratio Lower Upper

154 100

153 39.4 19.2 59.2

76 13.0 0.0 32.0

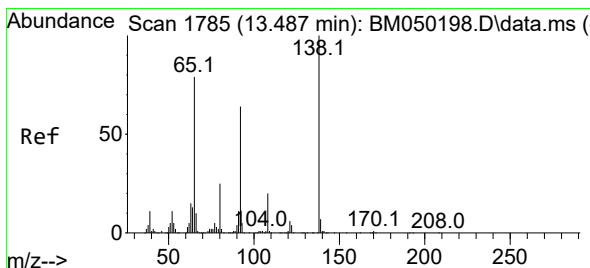
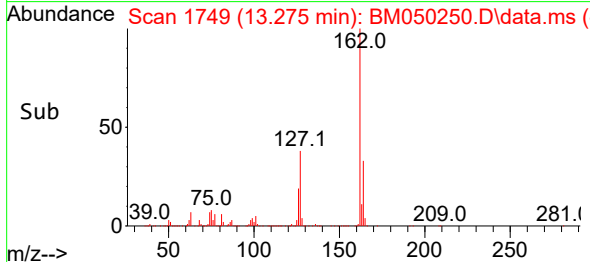
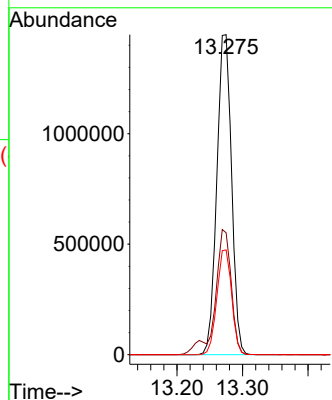
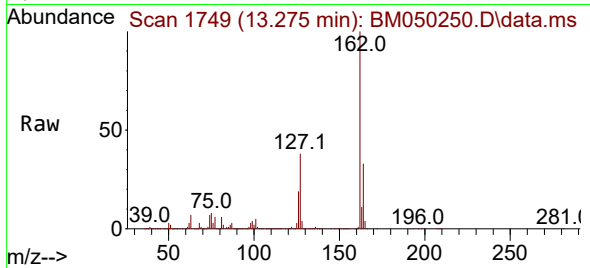




#47
2-Chloronaphthalene
Concen: 46.678 ng
RT: 13.275 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

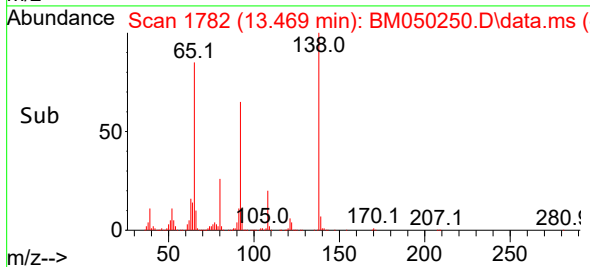
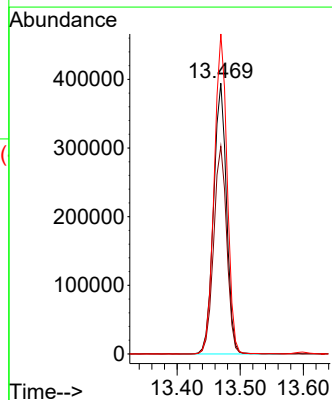
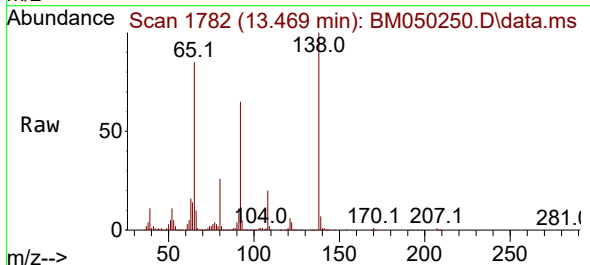
Instrument :
BNA_M
ClientSampleId :

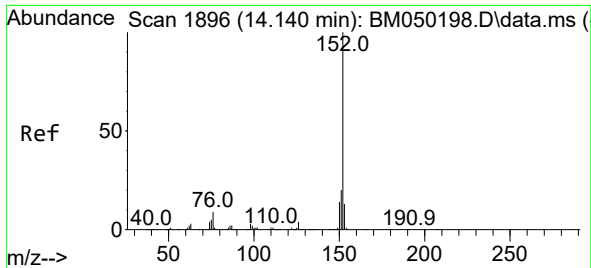
Tgt Ion:162 Resp: 2248213
Ion Ratio Lower Upper
162 100
127 38.1 31.1 46.7
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 53.110 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion: 65 Resp: 562921
Ion Ratio Lower Upper
65 100
92 76.8 64.2 96.4
138 118.2 101.0 151.4

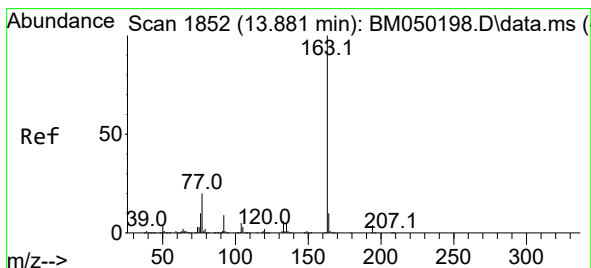
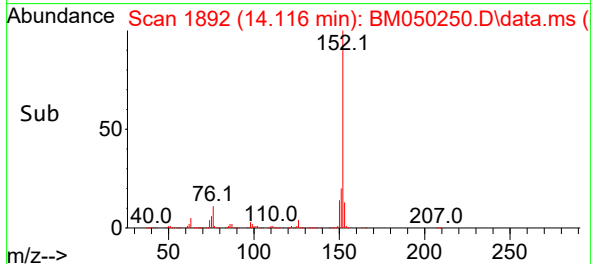
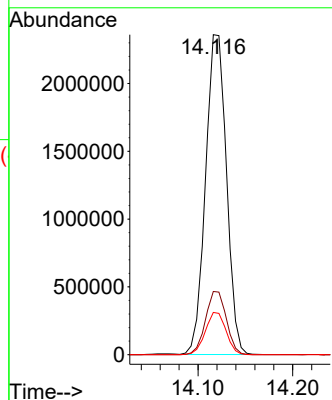
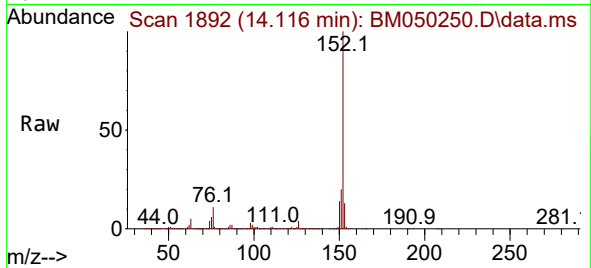




#49
Acenaphthylene
Concen: 46.481 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

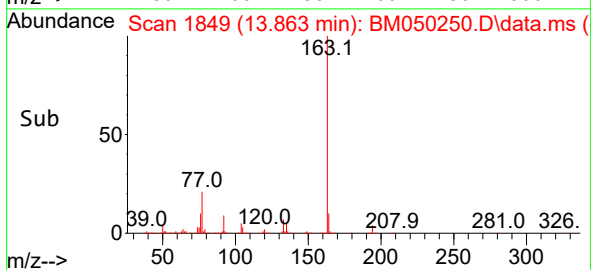
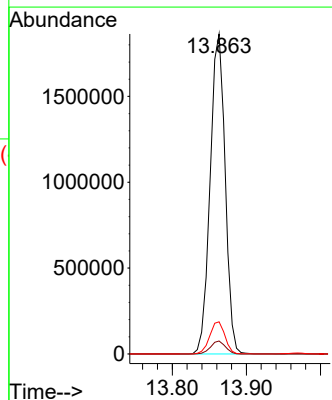
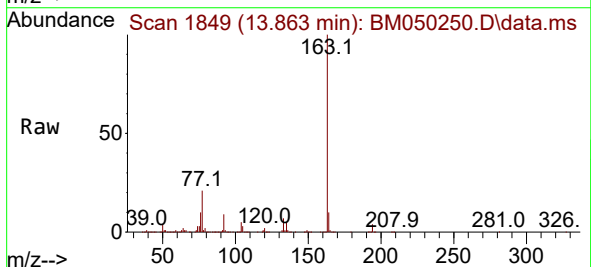
Instrument :
BNA_M
ClientSampleId :

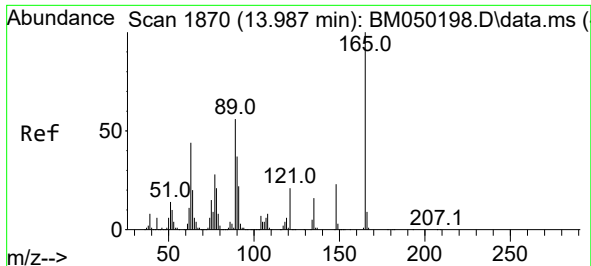
Tgt Ion:152 Resp: 3621022
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 46.821 ng
RT: 13.863 min Scan# 1849
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:163 Resp: 2619856
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9

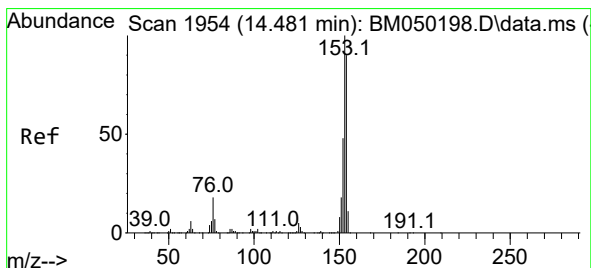
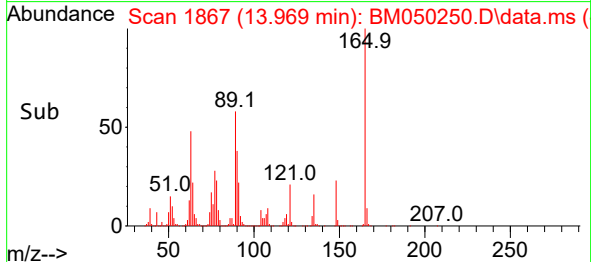
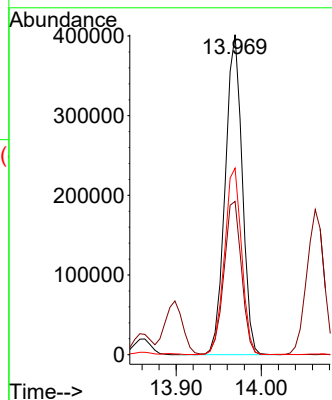
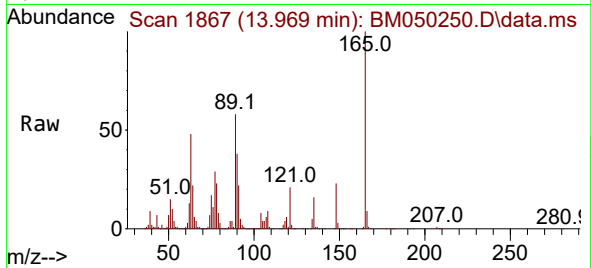




#51
2,6-Dinitrotoluene
Concen: 49.379 ng
RT: 13.969 min Scan# 1867
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

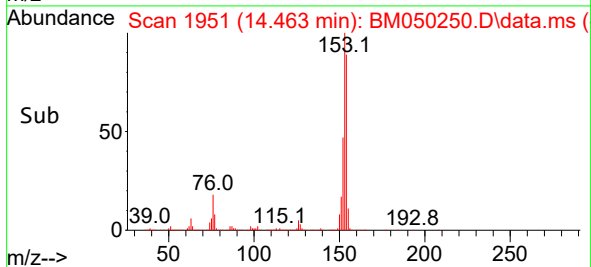
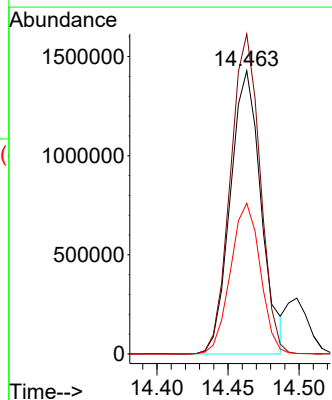
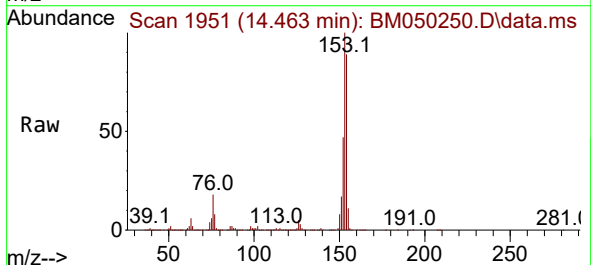
Instrument :
BNA_M
ClientSampleId :

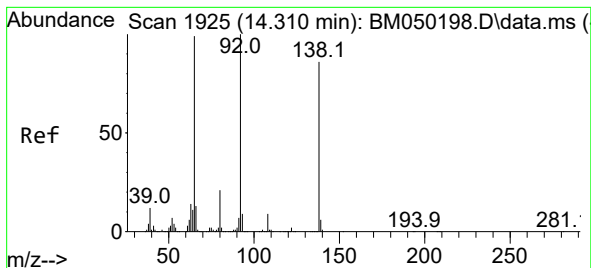
Tgt Ion:165 Resp: 557207
Ion Ratio Lower Upper
165 100
63 47.9 35.8 53.6
89 58.3 44.8 67.2



#52
Acenaphthene
Concen: 44.212 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:154 Resp: 2154317
Ion Ratio Lower Upper
154 100
153 113.0 88.7 133.1
152 53.2 42.6 63.8

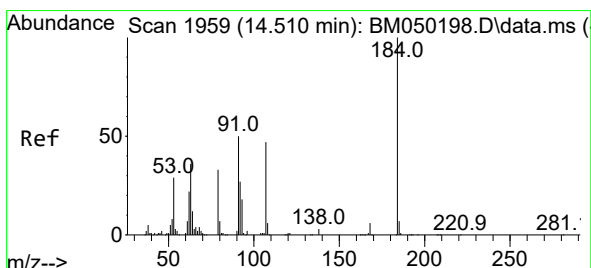
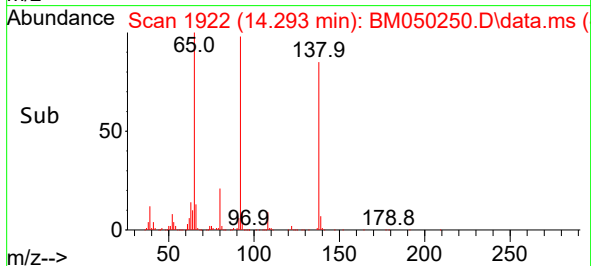
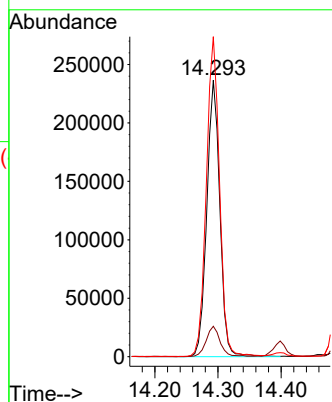
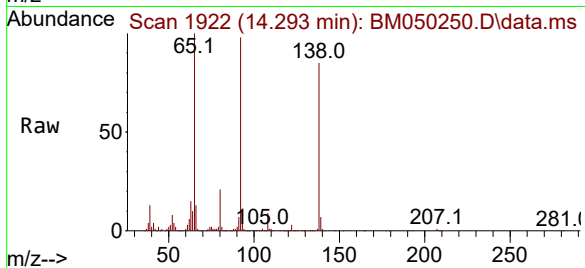




#53
3-Nitroaniline
Concen: 26.984 ng
RT: 14.293 min Scan# 1922
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

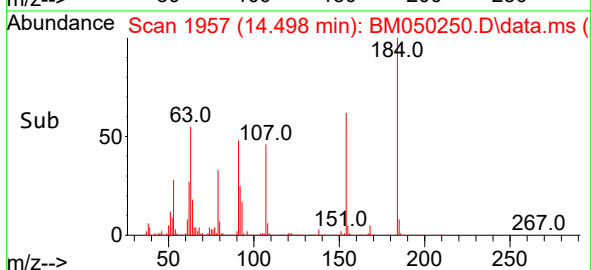
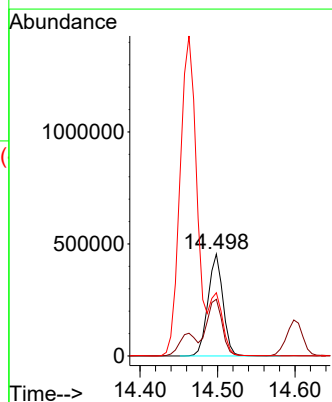
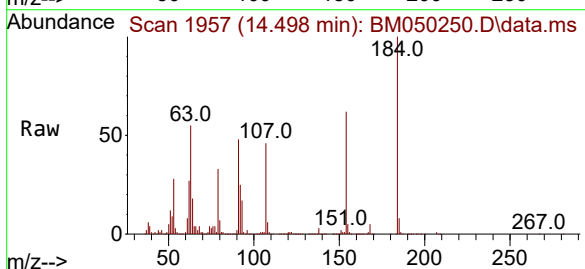
Instrument :
BNA_M
ClientSampleId :

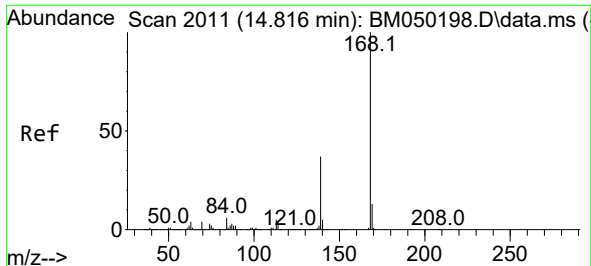
Tgt Ion:138 Resp: 339356
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 115.7 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 94.097 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:184 Resp: 609950
Ion Ratio Lower Upper
184 100
63 55.5 45.3 67.9
154 62.0 54.3 81.5

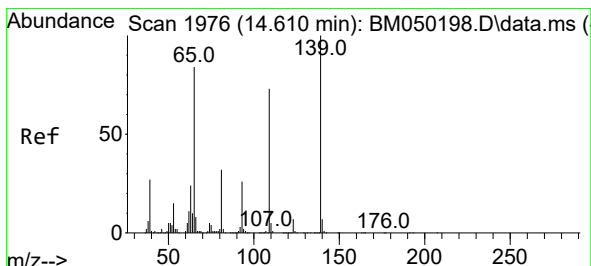
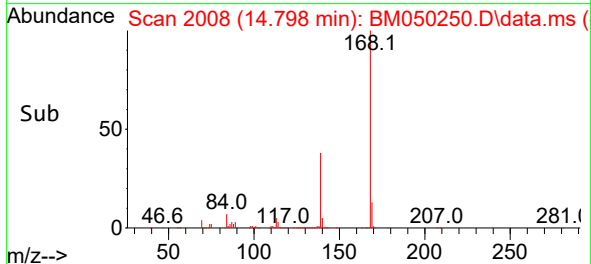
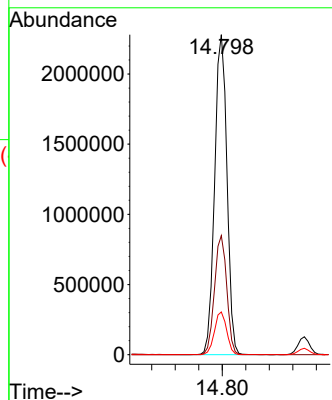
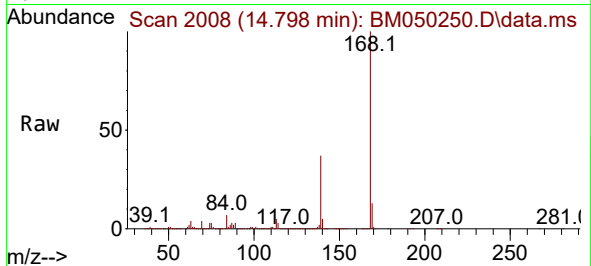




#55
Dibenzofuran
Concen: 46.357 ng
RT: 14.798 min Scan# 20
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

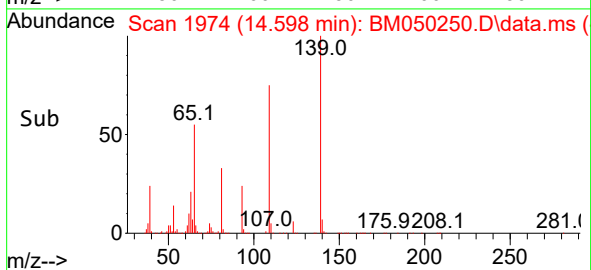
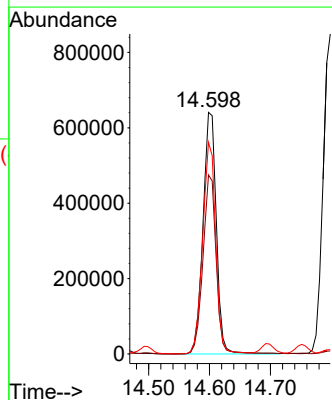
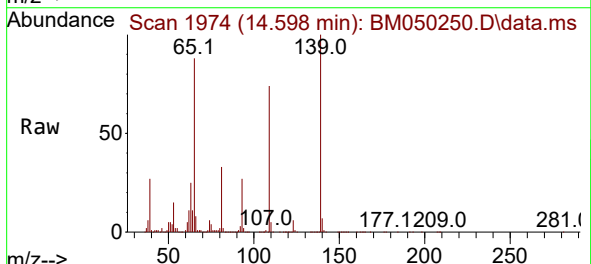
Instrument :
BNA_M
ClientSampleId :

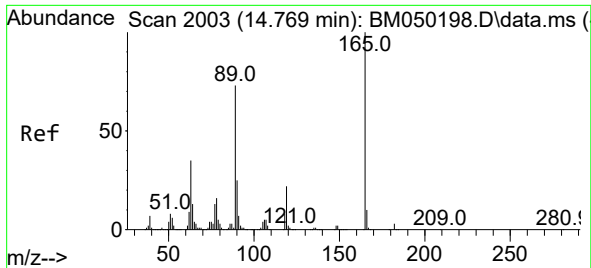
Tgt Ion:168 Resp: 3304639
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 91.379 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

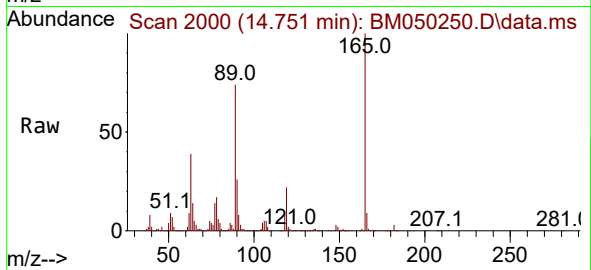
Tgt Ion:139 Resp: 978143
Ion Ratio Lower Upper
139 100
109 74.1 52.6 92.6
65 87.6 64.3 104.3



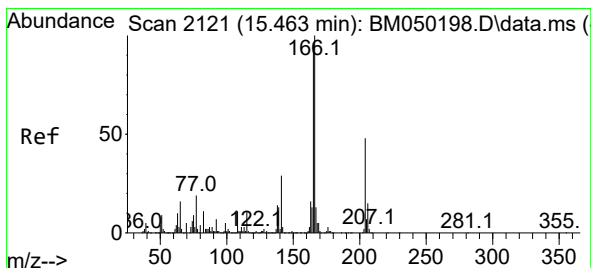
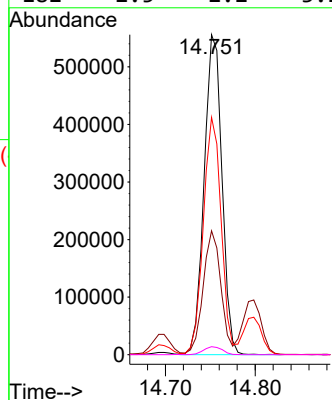
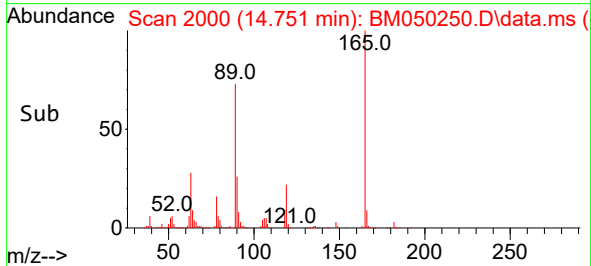


#57
2,4-Dinitrotoluene
Concen: 51.572 ng
RT: 14.751 min Scan# 2000
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Instrument :
BNA_M
ClientSampleId :

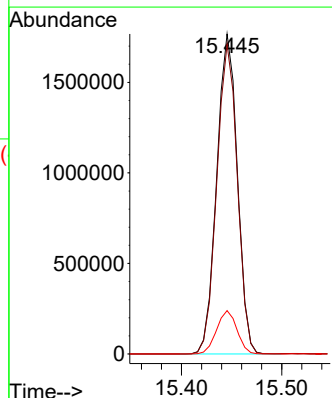
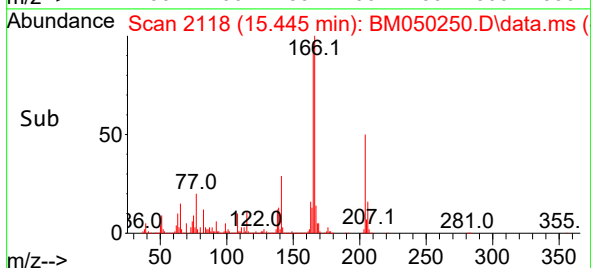
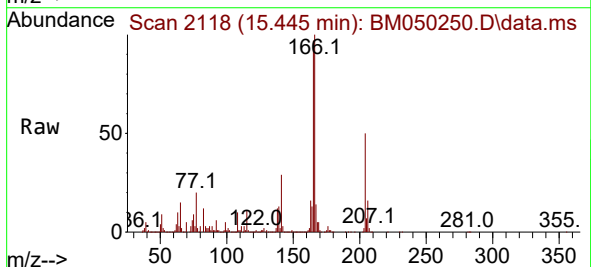


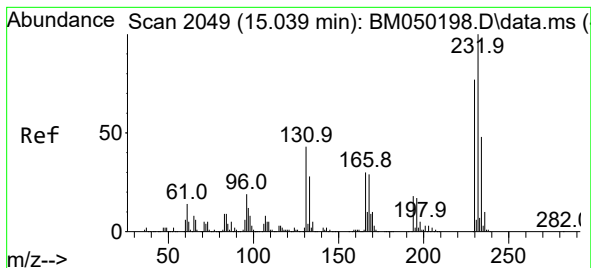
Tgt Ion:165 Resp: 767682
Ion Ratio Lower Upper
165 100
63 38.7 28.4 42.6
89 74.2 58.0 87.0
182 2.5 2.2 3.2



#58
Fluorene
Concen: 46.221 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

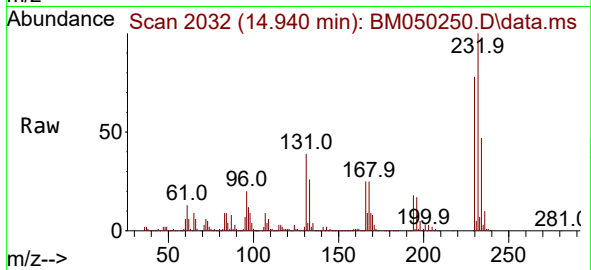
Tgt Ion:166 Resp: 2523640
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.4
167 13.6 10.7 16.1



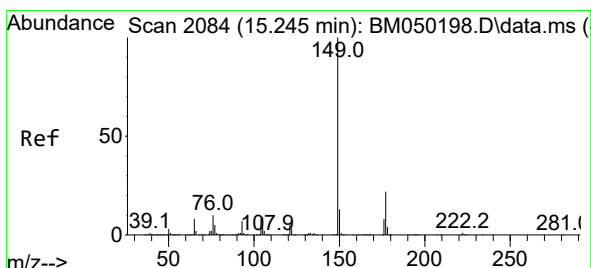
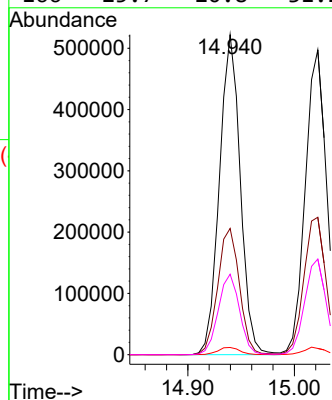
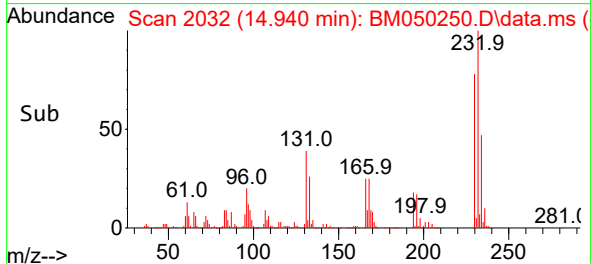


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.612 ng
RT: 14.940 min Scan# 2049
Delta R.T. -0.082 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

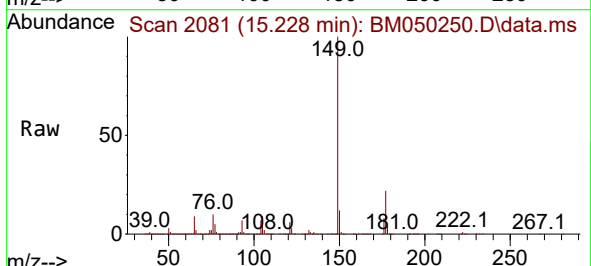
Instrument :
BNA_M
ClientSampleId :



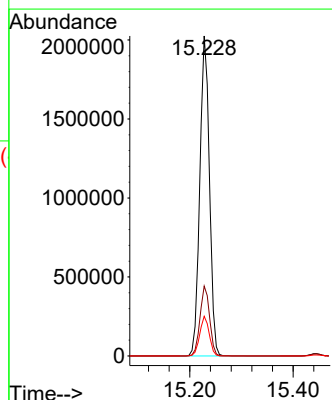
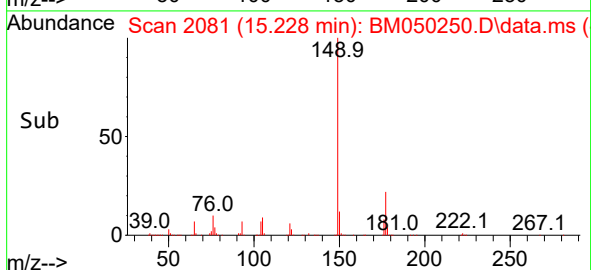
Tgt Ion:232 Resp: 710594
Ion Ratio Lower Upper
232 100
131 41.1 32.9 49.3
130 2.4 1.8 2.8
166 25.7 20.8 31.2

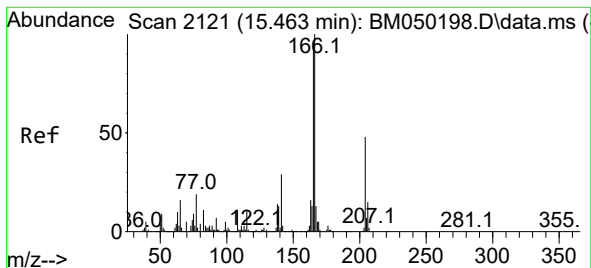


#60
Diethylphthalate
Concen: 47.041 ng
RT: 15.228 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19



Tgt Ion:149 Resp: 2611641
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.4 10.0 15.0

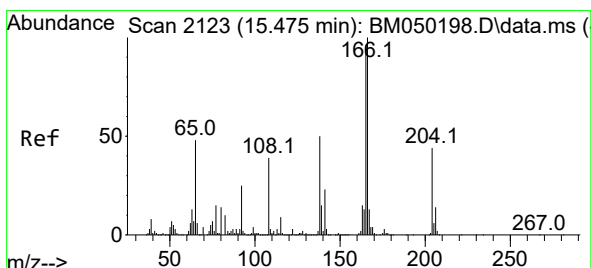
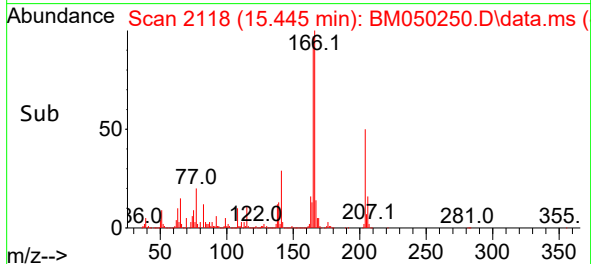
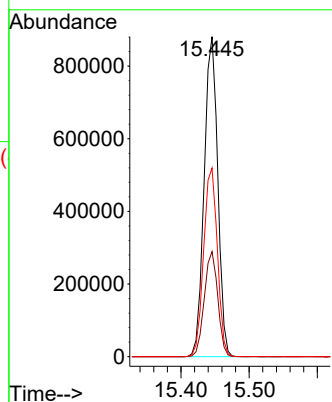
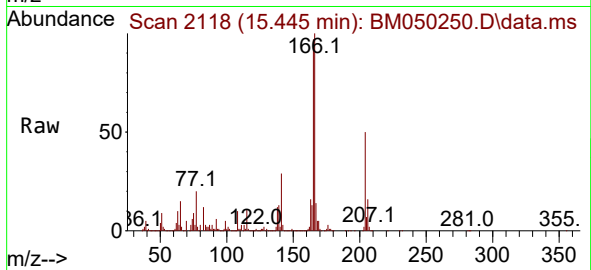




#61
4-Chlorophenyl-phenylether
Concen: 46.231 ng
RT: 15.445 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

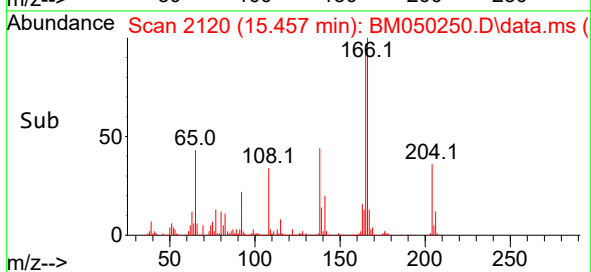
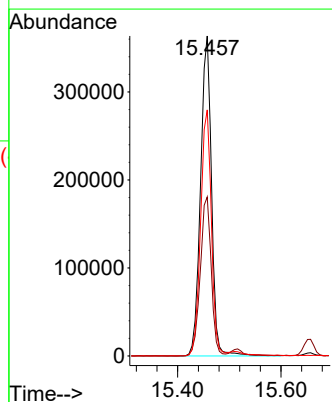
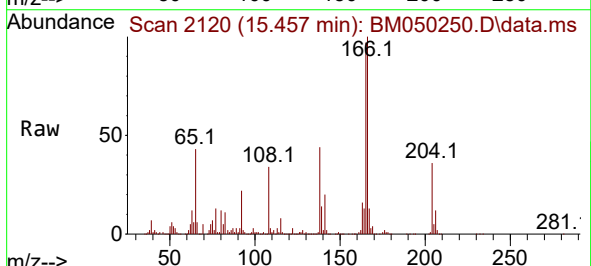
Instrument :
BNA_M
ClientSampleId :

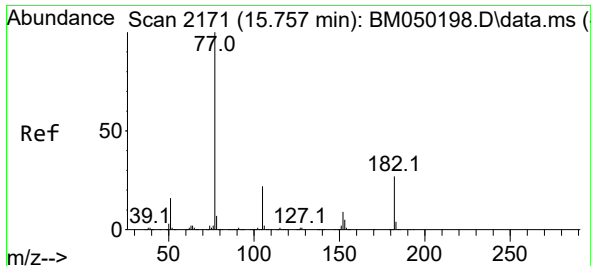
Tgt Ion:204 Resp: 1219957
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 58.9 47.9 71.9



#62
4-Nitroaniline
Concen: 45.560 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:138 Resp: 537036
Ion Ratio Lower Upper
138 100
92 49.7 28.8 68.8
108 76.9 58.1 98.1

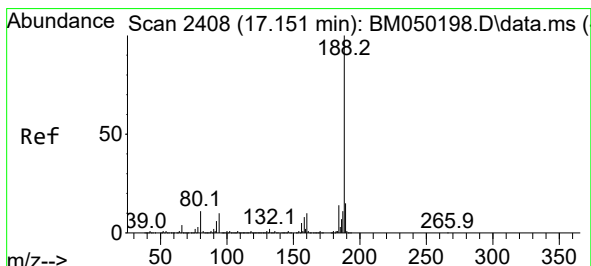
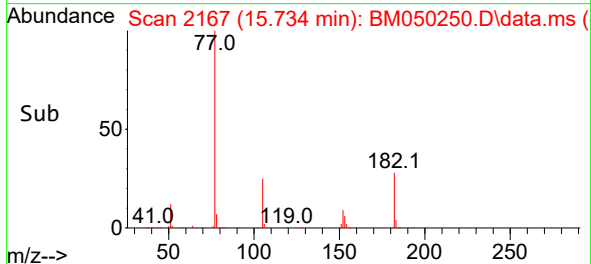
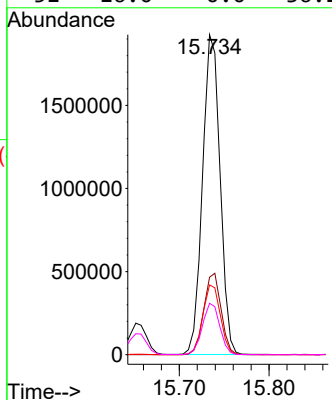
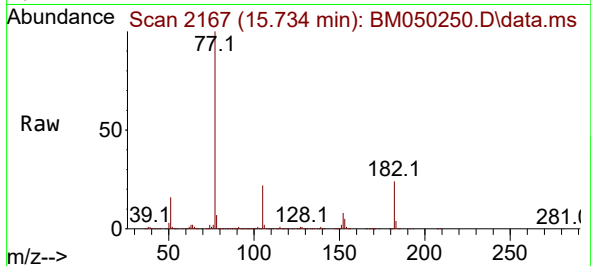




#63
Azobenzene
Concen: 47.085 ng
RT: 15.734 min Scan# 2171
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

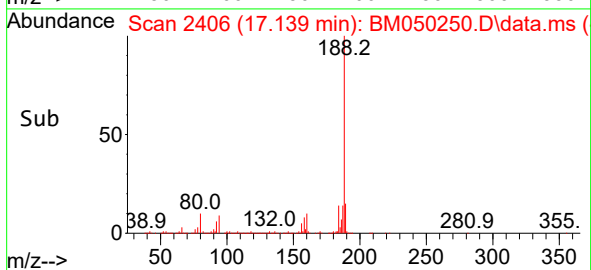
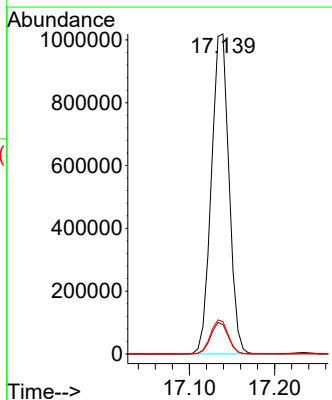
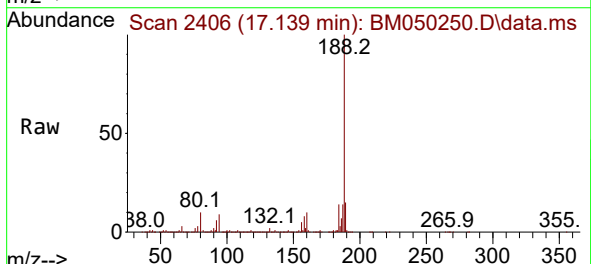
Instrument :
BNA_M
ClientSampleId :

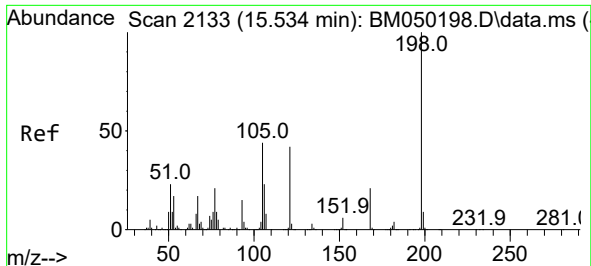
Tgt Ion: 77 Resp: 2612861
Ion Ratio Lower Upper
77 100
182 24.2 6.8 46.8
105 21.8 1.7 41.7
51 16.0 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

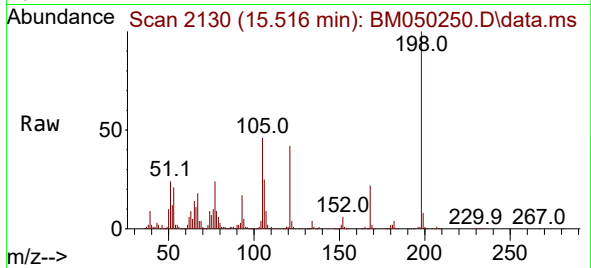
Tgt Ion:188 Resp: 1462387
Ion Ratio Lower Upper
188 100
94 9.2 8.1 12.1
80 10.1 8.6 13.0



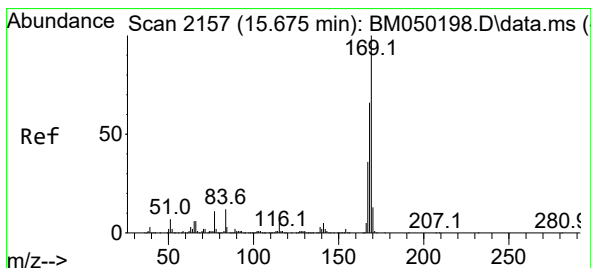
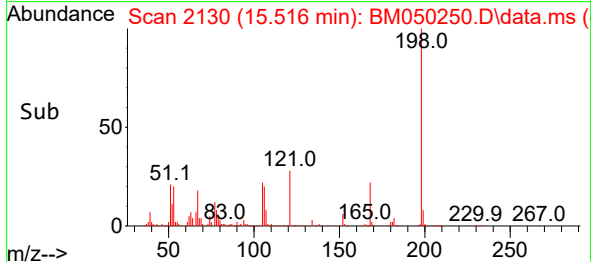
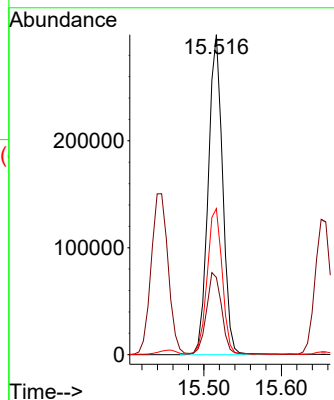


#65
4,6-Dinitro-2-methylphenol
Concen: 48.290 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Instrument :
BNA_M
ClientSampleId :

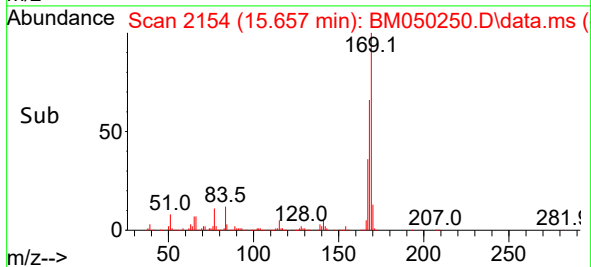
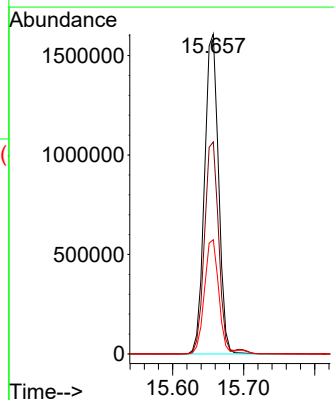
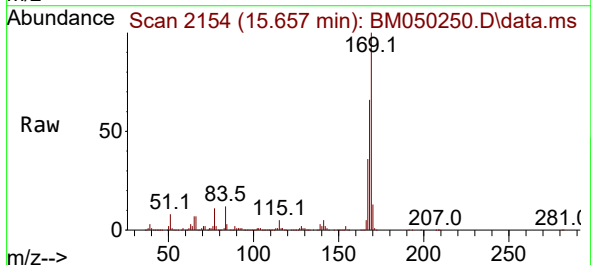


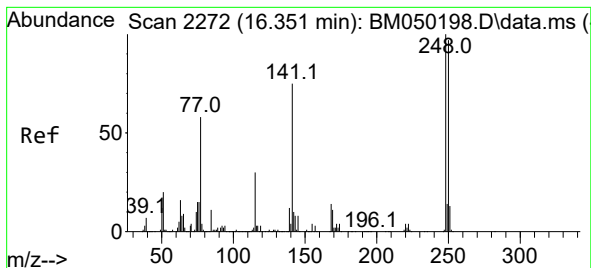
Tgt Ion:198 Resp: 385706
Ion Ratio Lower Upper
198 100
51 24.1 4.5 44.5
105 45.6 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 48.171 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:169 Resp: 2213402
Ion Ratio Lower Upper
169 100
168 66.2 53.1 79.7
167 35.7 29.0 43.6

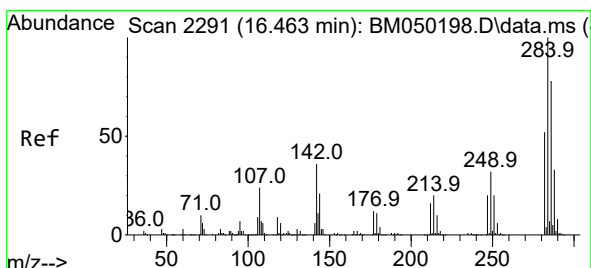
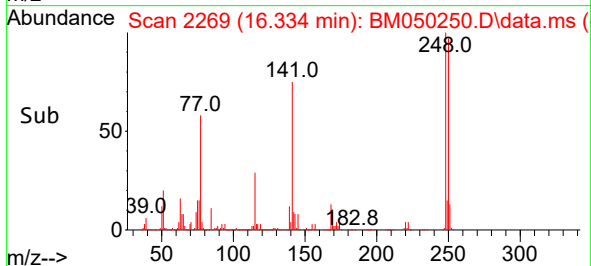
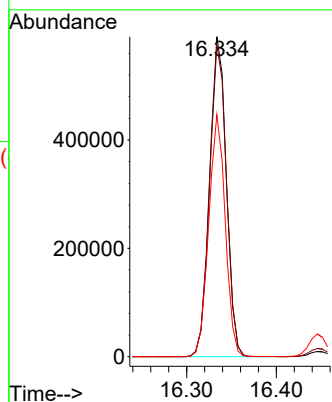
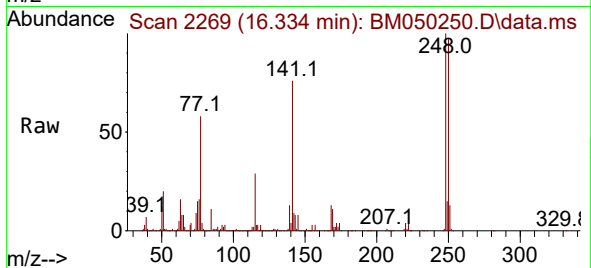




#67
4-Bromophenyl-phenylether
Concen: 49.256 ng
RT: 16.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

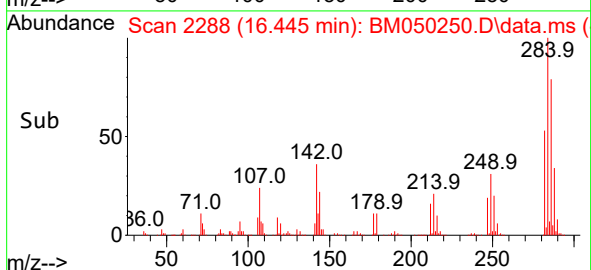
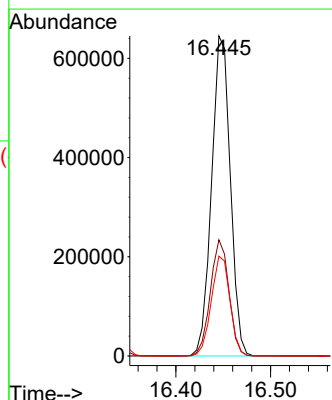
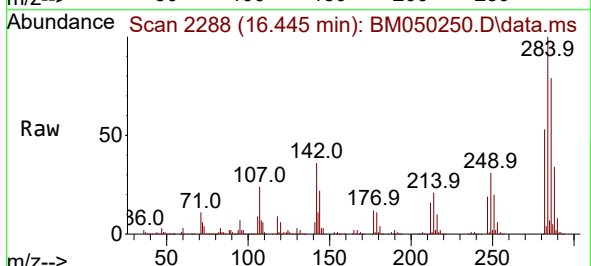
Instrument :
BNA_M
ClientSampleId :

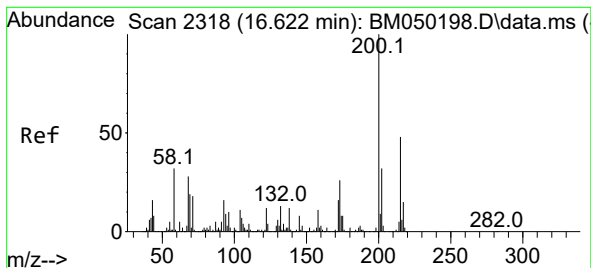
Tgt Ion:248 Resp: 768128
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 75.6 60.1 90.1



#68
Hexachlorobenzene
Concen: 48.564 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:284 Resp: 884845
Ion Ratio Lower Upper
284 100
142 36.3 28.8 43.2
249 31.2 25.8 38.6





#69

Atrazine

Concen: 50.160 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

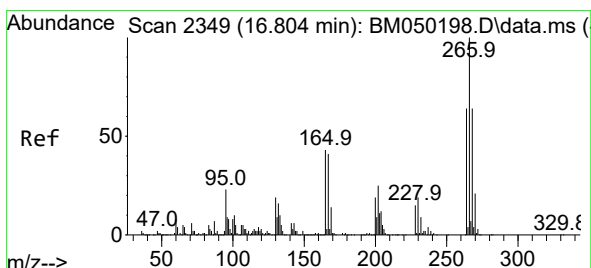
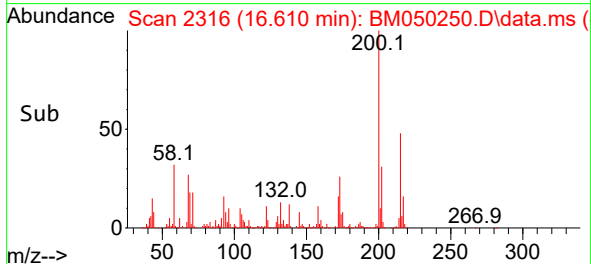
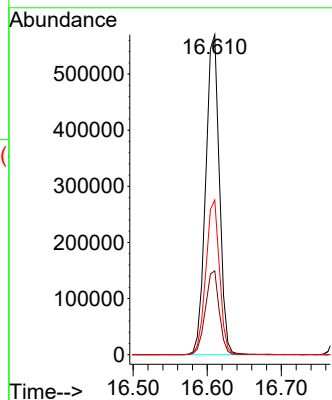
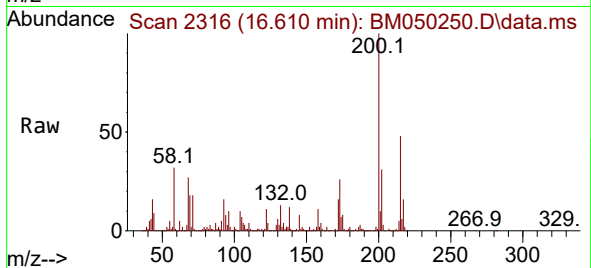
Tgt Ion:200 Resp: 734379

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

215 48.3 28.1 68.1



#70

Pentachlorophenol

Concen: 99.373 ng

RT: 16.787 min Scan# 2346

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

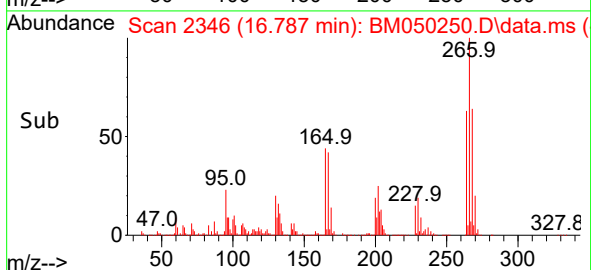
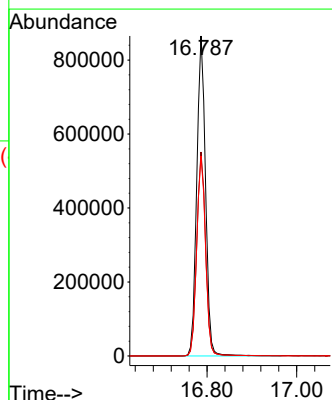
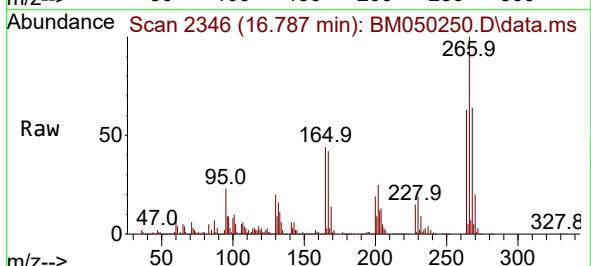
Tgt Ion:266 Resp: 1177160

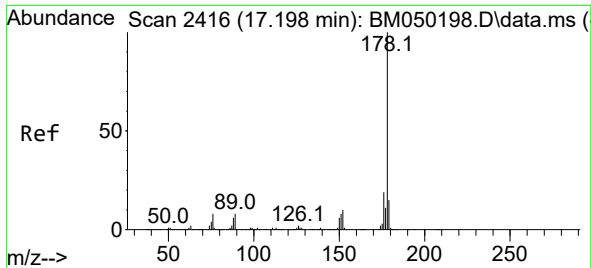
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.5 50.8 76.2

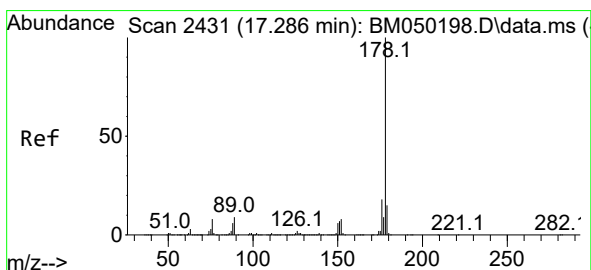
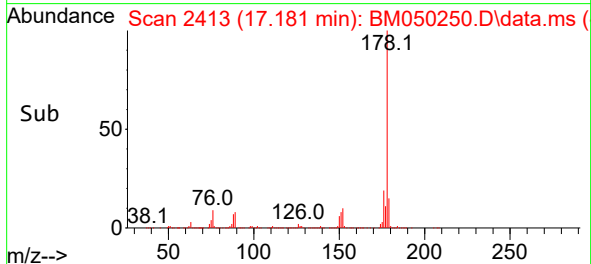
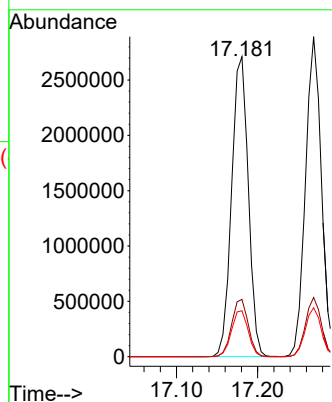
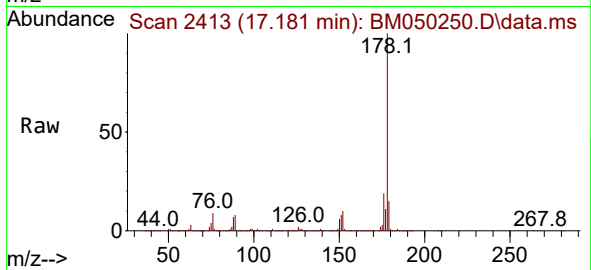




#71
Phenanthrene
Concen: 46.228 ng
RT: 17.181 min Scan# 2416
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

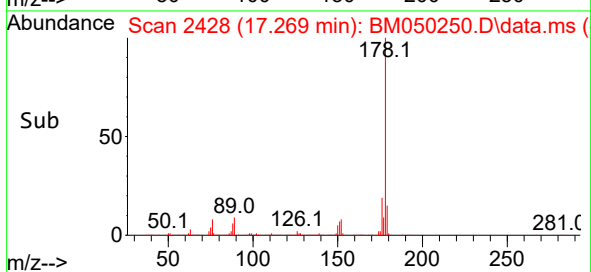
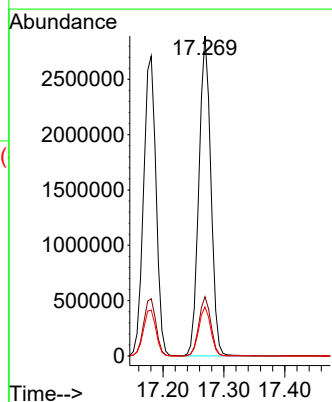
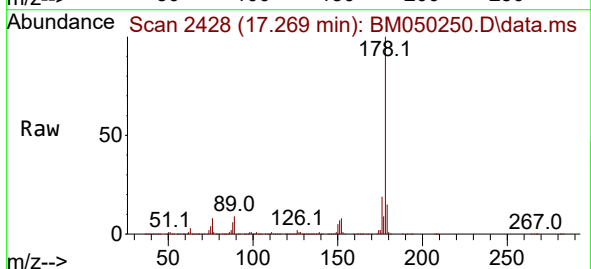
Instrument :
BNA_M
ClientSampleId :

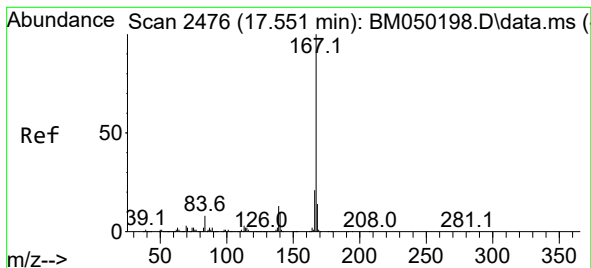
Tgt Ion:178 Resp: 3861939
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.3 12.3 18.5



#72
Anthracene
Concen: 47.119 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:178 Resp: 3937922
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.3 18.5





#73

Carbazole

Concen: 46.979 ng

RT: 17.534 min Scan# 2476

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

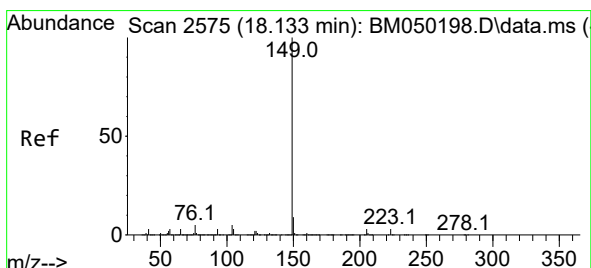
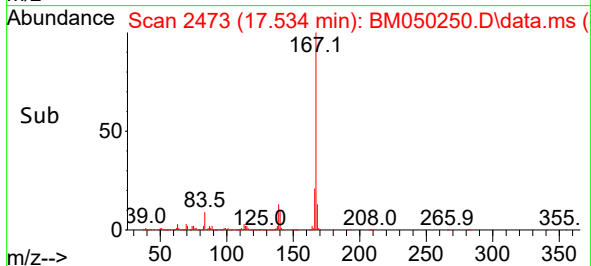
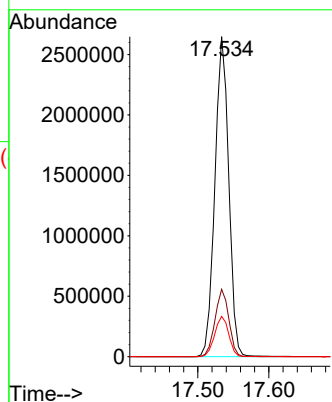
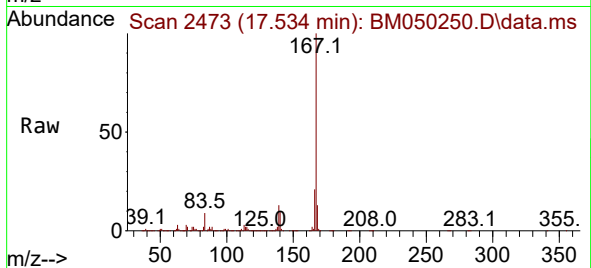
Tgt Ion:167 Resp: 3576865

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 50.890 ng

RT: 18.116 min Scan# 2572

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

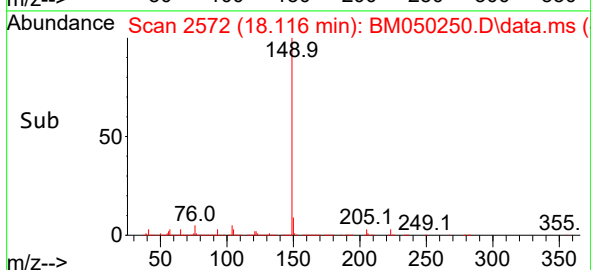
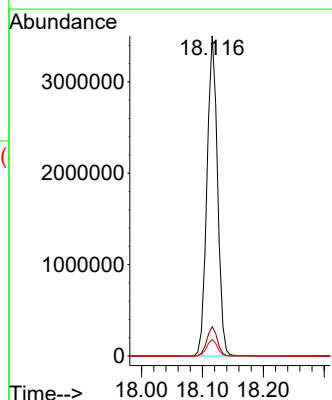
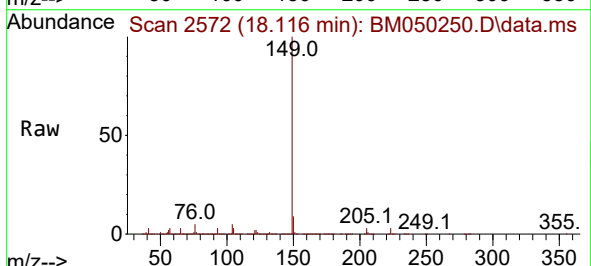
Tgt Ion:149 Resp: 4215930

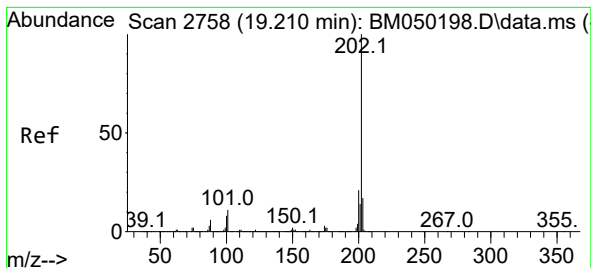
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 46.445 ng

RT: 19.192 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

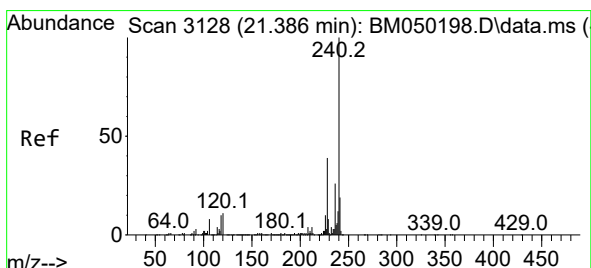
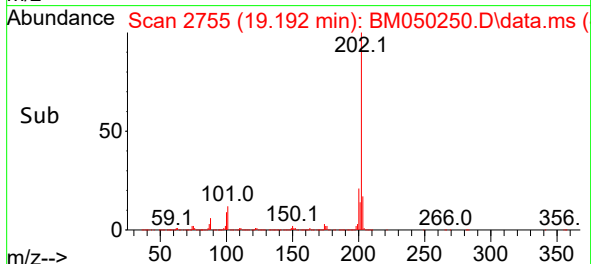
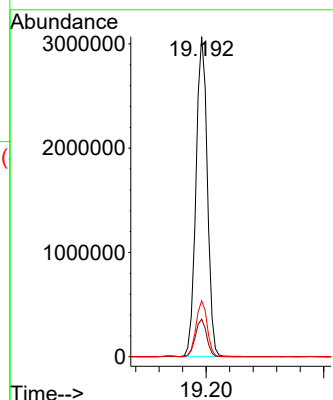
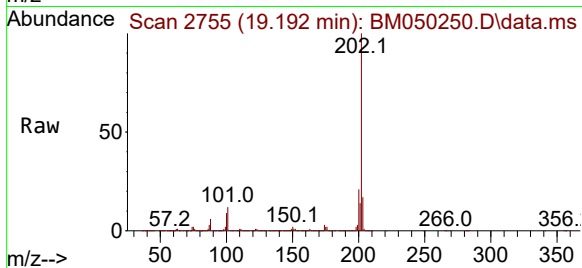
Tgt Ion:202 Resp: 4091775

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.1

203 17.5 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.369 min Scan# 3125

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

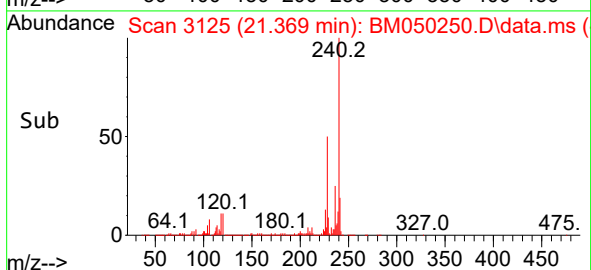
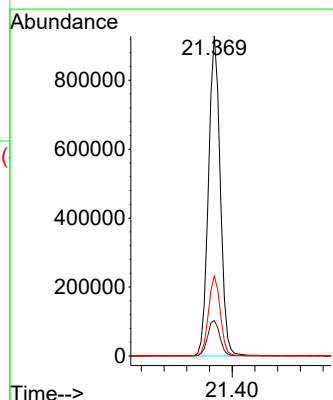
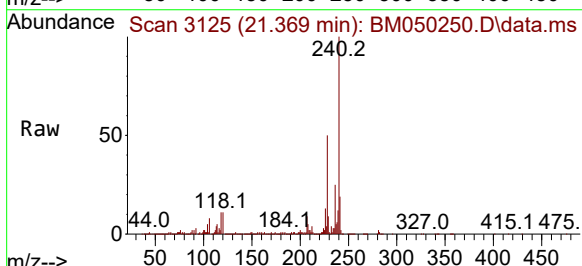
Tgt Ion:240 Resp: 1332936

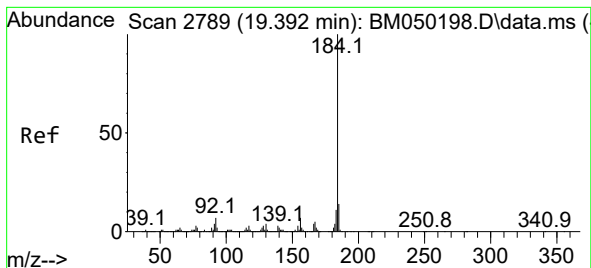
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 24.9 20.7 31.1





#77

Benzidine

Concen: 9.574 ng

RT: 19.375 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

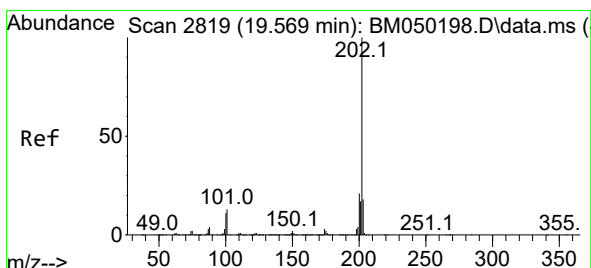
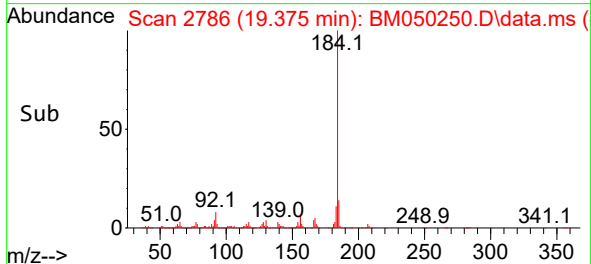
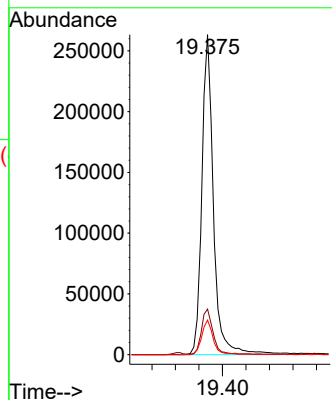
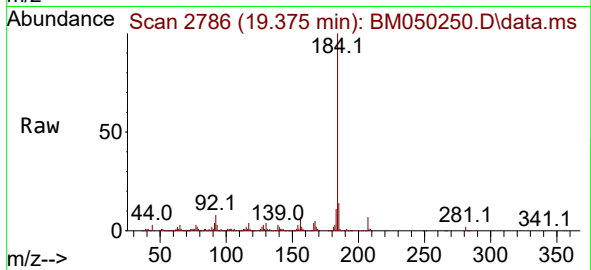
Tgt Ion:184 Resp: 358876

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 10.8 9.0 13.4



#78

Pyrene

Concen: 47.910 ng

RT: 19.557 min Scan# 2817

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

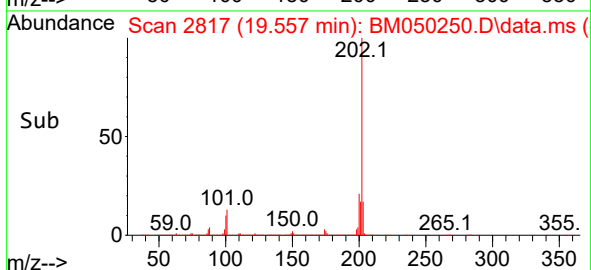
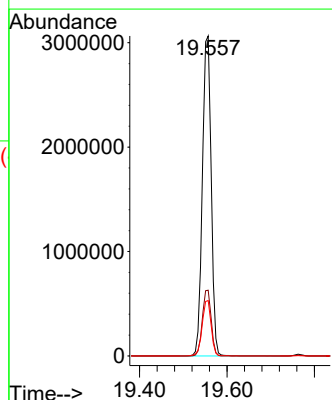
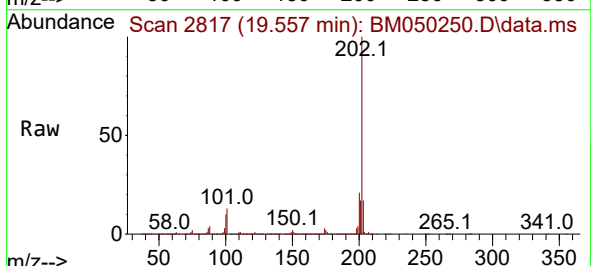
Tgt Ion:202 Resp: 4304284

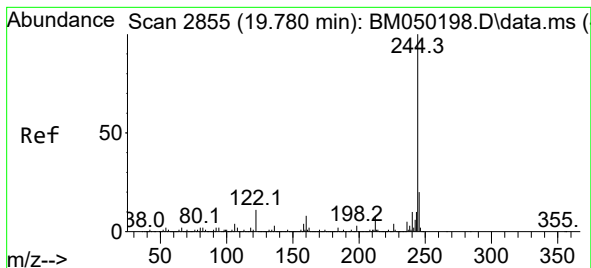
Ion Ratio Lower Upper

202 100

200 20.5 16.7 25.1

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 83.273 ng

RT: 19.763 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

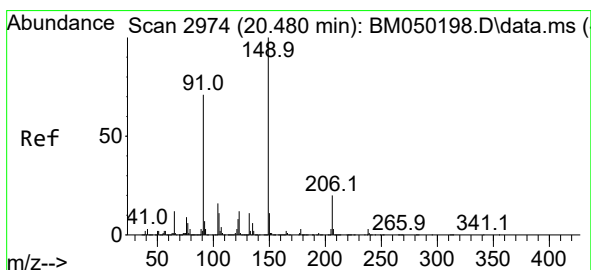
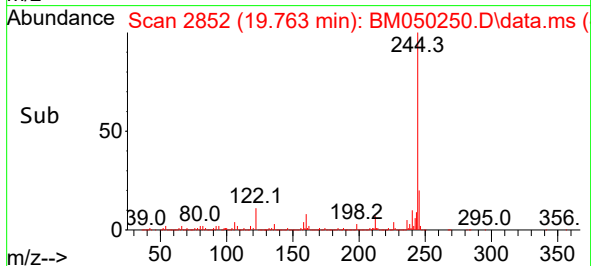
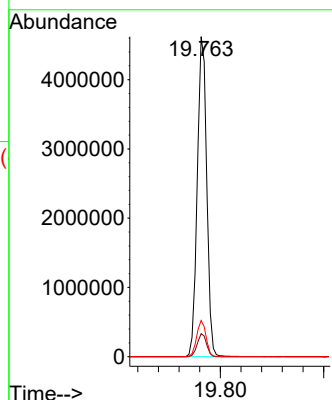
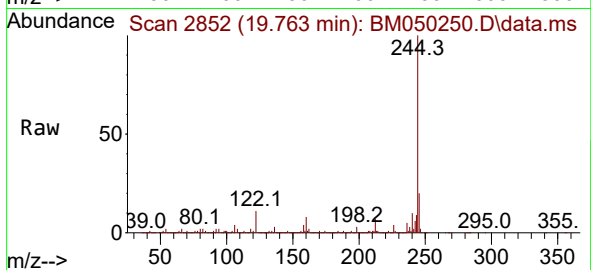
Tgt Ion:244 Resp: 5857343

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.3 8.6 12.8



#80

Butylbenzylphthalate

Concen: 54.492 ng

RT: 20.469 min Scan# 2972

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

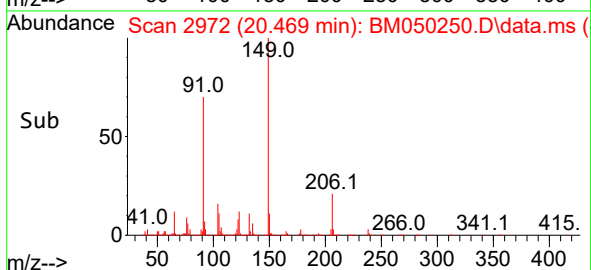
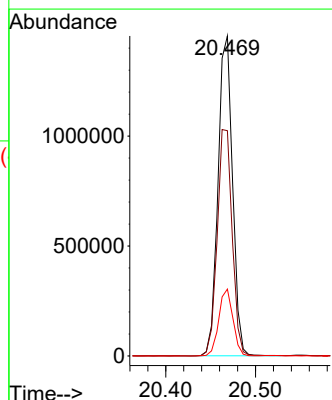
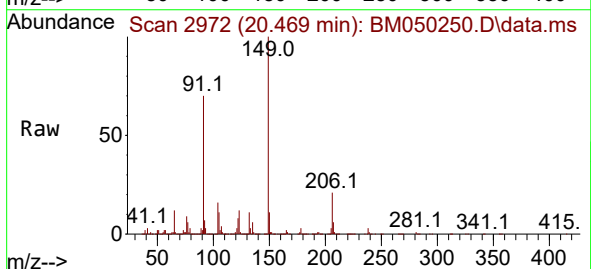
Tgt Ion:149 Resp: 1632985

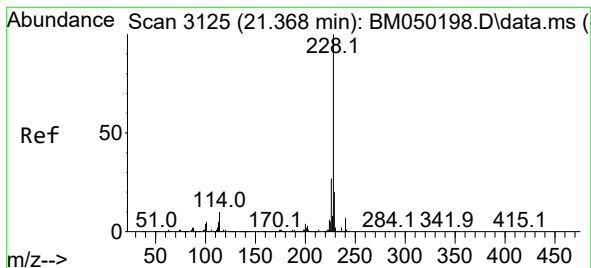
Ion Ratio Lower Upper

149 100

91 70.4 56.9 85.3

206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 47.298 ng

RT: 21.351 min Scan# 31

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

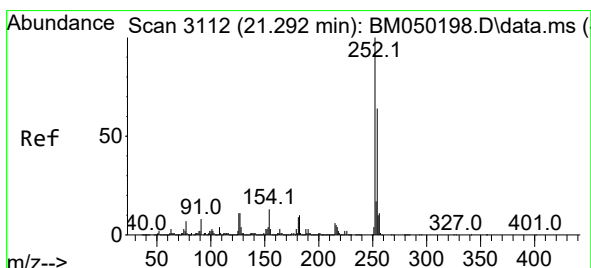
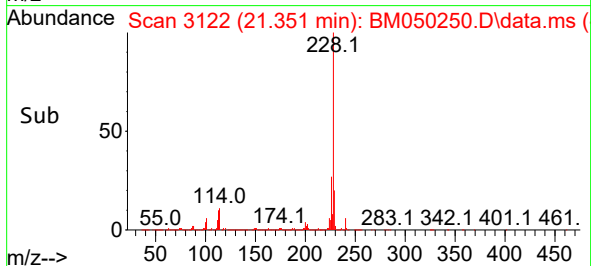
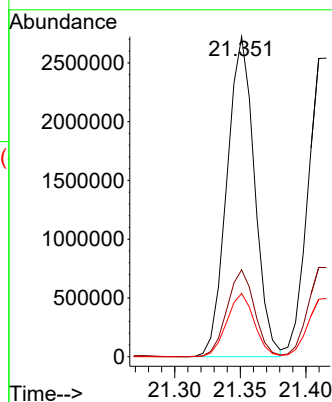
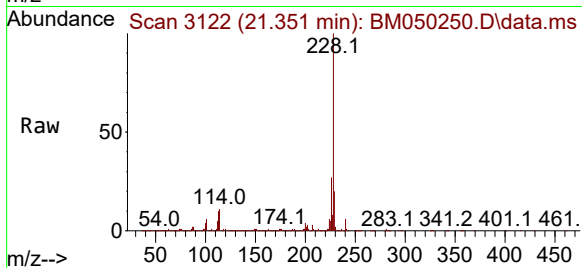
Tgt Ion:228 Resp: 3990464

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 32.043 ng

RT: 21.275 min Scan# 3109

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

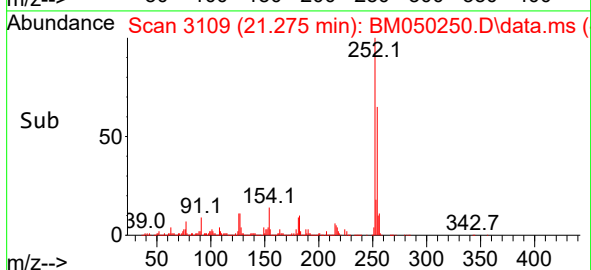
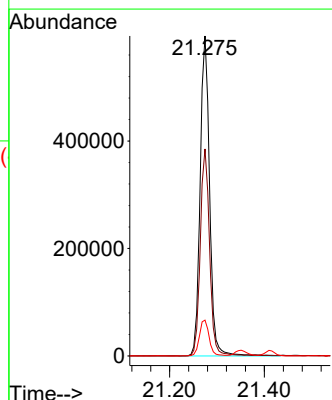
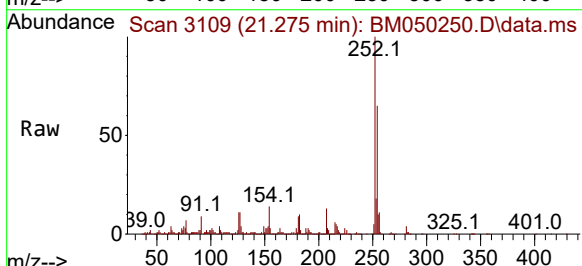
Tgt Ion:252 Resp: 824418

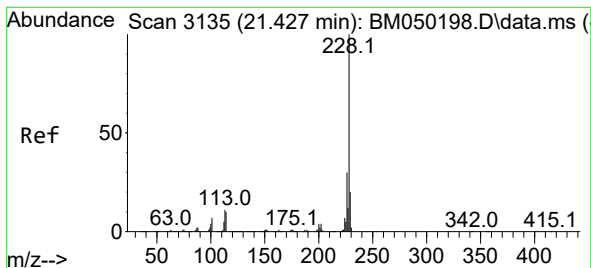
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 11.2 8.6 12.8





#83

Chrysene

Concen: 47.317 ng

RT: 21.416 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

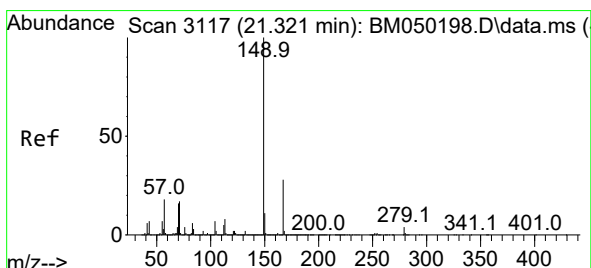
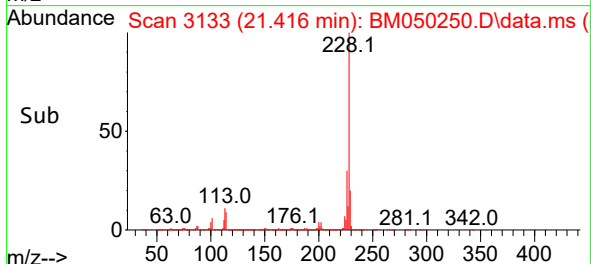
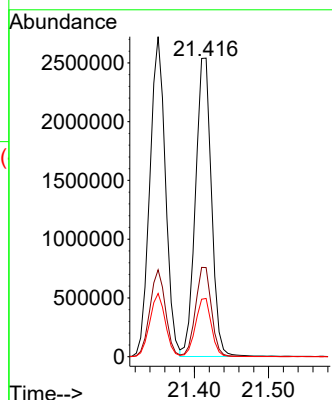
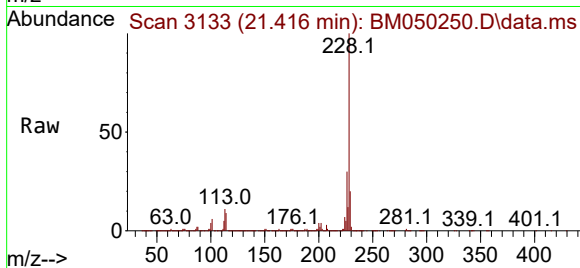
Tgt Ion:228 Resp: 3797384

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.716 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

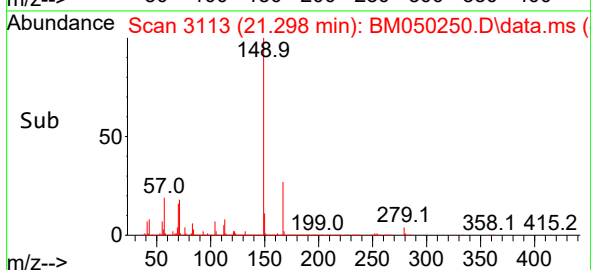
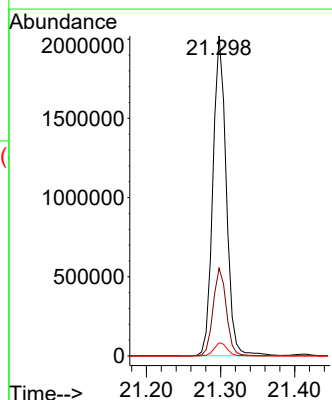
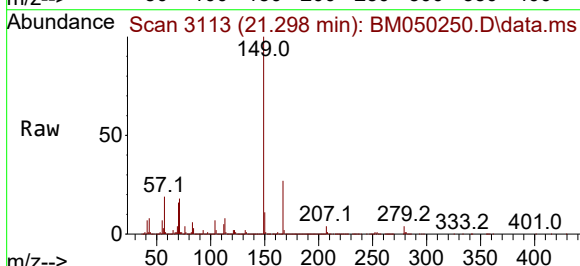
Tgt Ion:149 Resp: 2525715

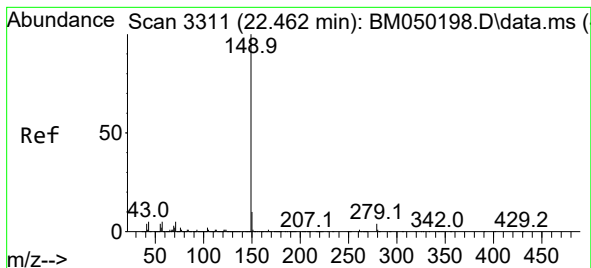
Ion Ratio Lower Upper

149 100

167 27.4 22.3 33.5

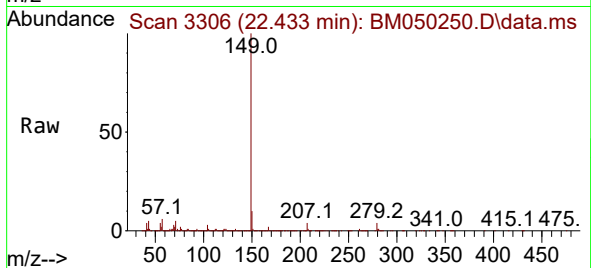
279 4.1 3.5 5.3



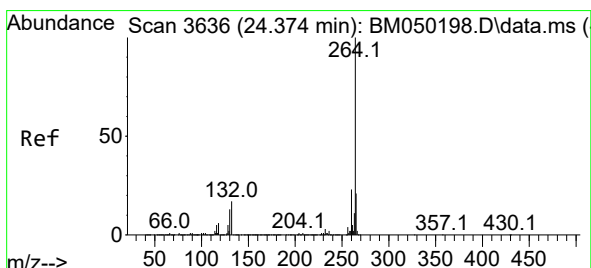
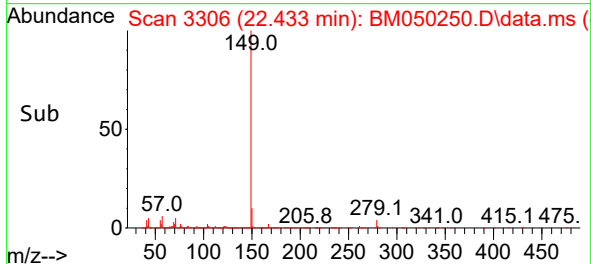
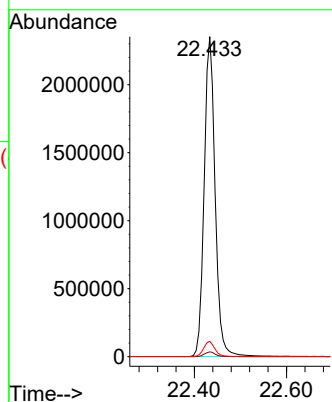


#85
Di-n-octyl phthalate
Concen: 56.957 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Instrument :
BNA_M
ClientSampleId :

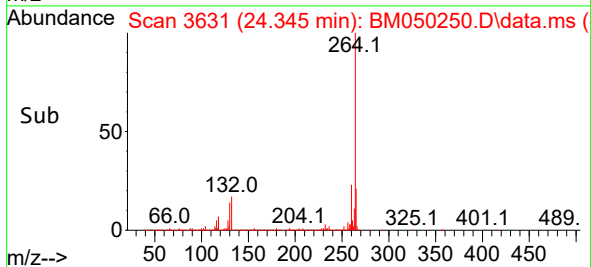
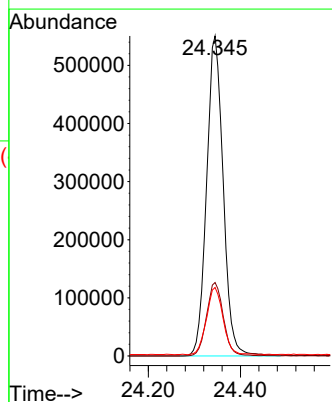
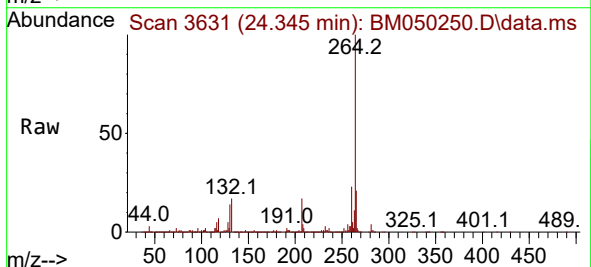


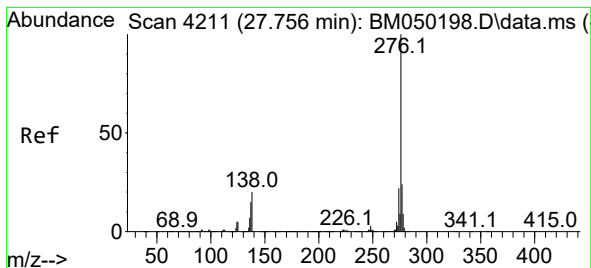
Tgt Ion:149 Resp: 3901373
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 5.0 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.345 min Scan# 3631
Delta R.T. 0.001 min
Lab File: BM050250.D
Acq: 09 Jun 2025 20:19

Tgt Ion:264 Resp: 1379954
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.706 ng

RT: 27.703 min Scan# 41

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

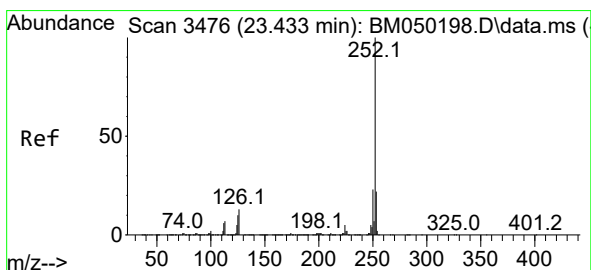
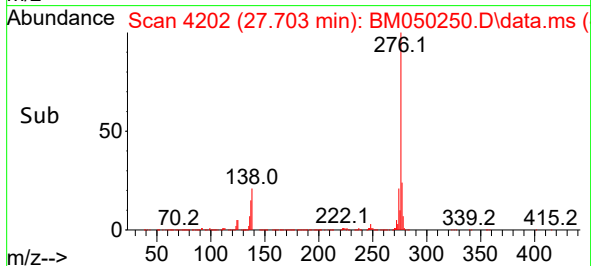
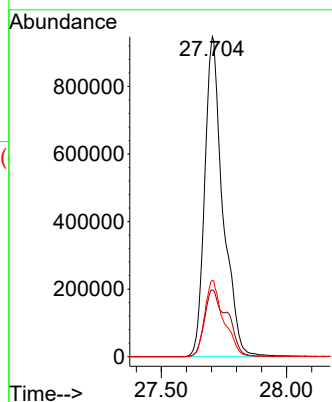
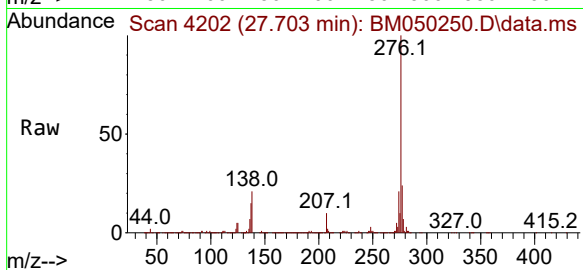
Tgt Ion:276 Resp: 4771886

Ion Ratio Lower Upper

276 100

138 19.8 20.6 30.8#

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 48.213 ng

RT: 23.410 min Scan# 3472

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

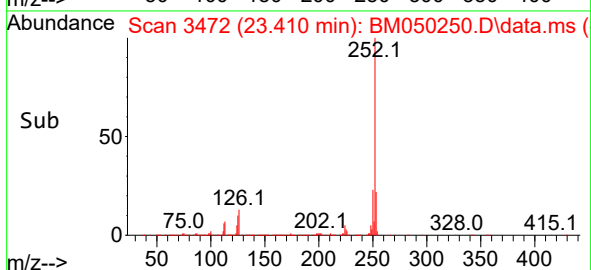
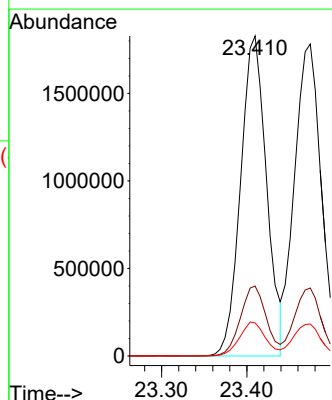
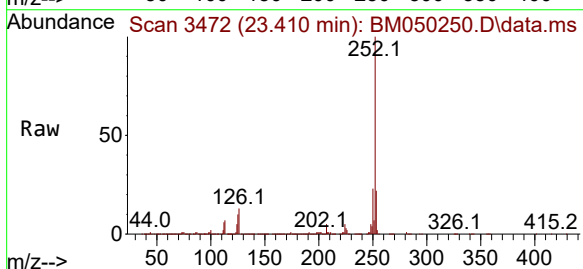
Tgt Ion:252 Resp: 3868153

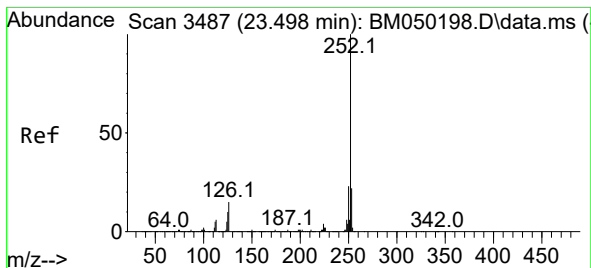
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.870 ng

RT: 23.474 min Scan# 34

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

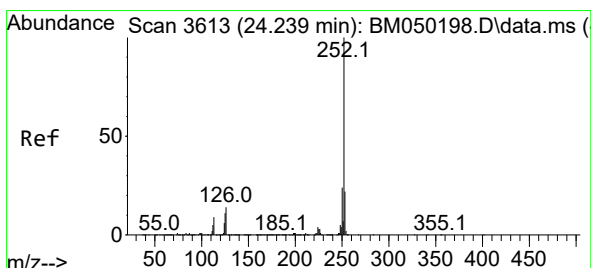
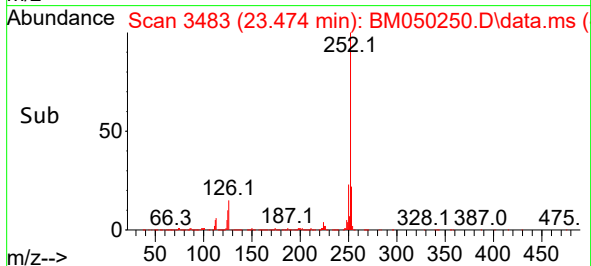
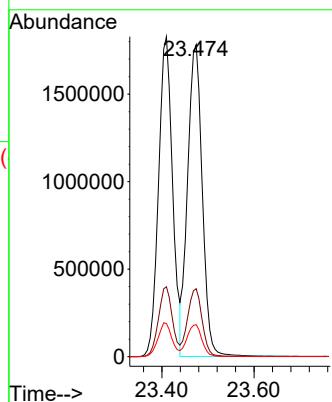
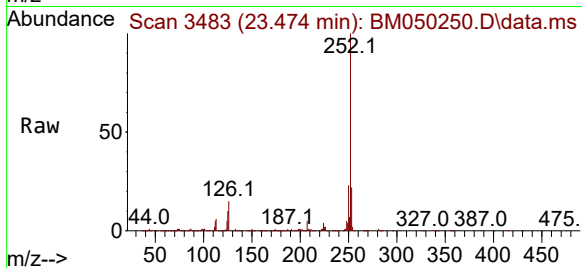
Tgt Ion:252 Resp: 3920735

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 49.366 ng

RT: 24.204 min Scan# 3607

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

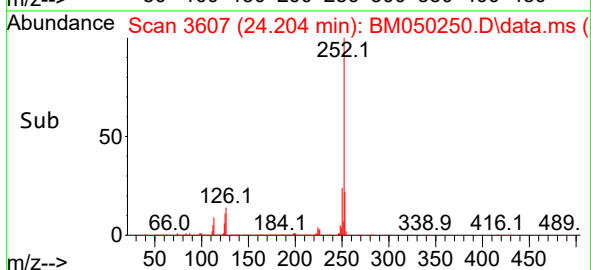
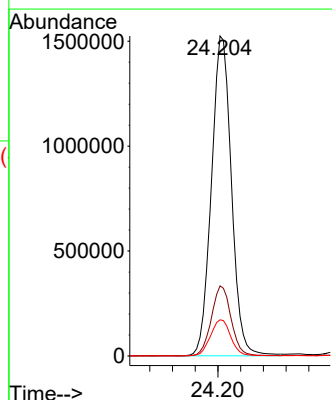
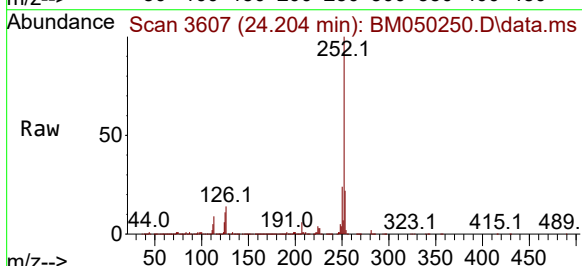
Tgt Ion:252 Resp: 3723908

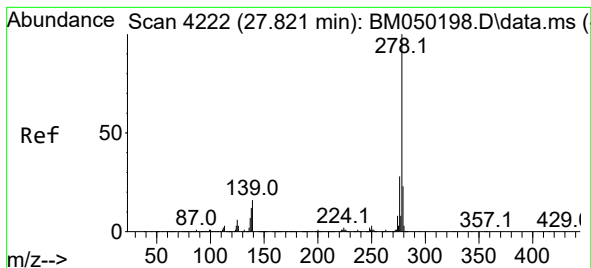
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 53.966 ng

RT: 27.768 min Scan# 4379

Delta R.T. 0.001 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Instrument :

BNA_M

ClientSampleId :

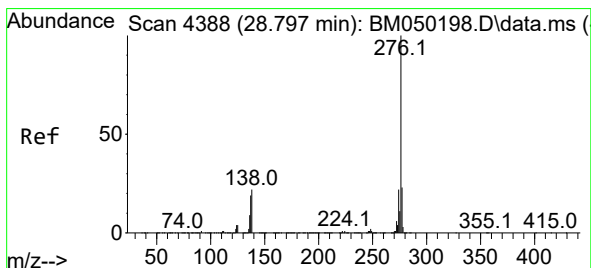
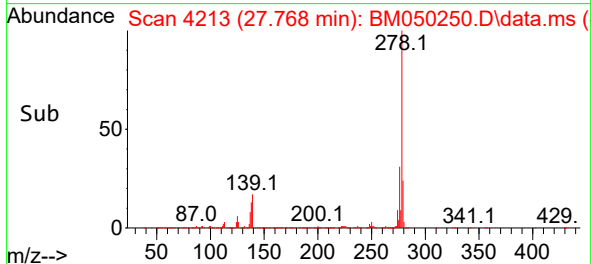
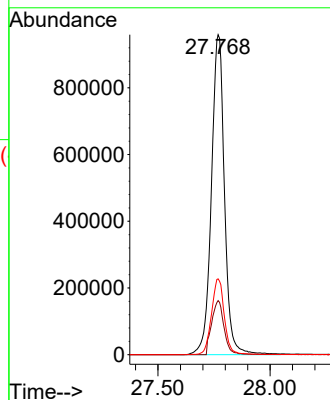
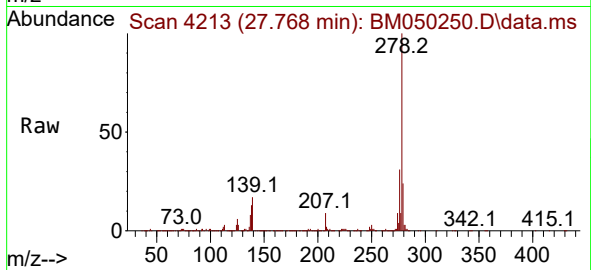
Tgt Ion:278 Resp: 3892102

Ion Ratio Lower Upper

278 100

139 16.9 12.8 19.2

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 54.349 ng

RT: 28.745 min Scan# 4379

Delta R.T. -0.005 min

Lab File: BM050250.D

Acq: 09 Jun 2025 20:19

Tgt Ion:276 Resp: 3923152

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 22.4 17.8 26.6

