

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050251.D
 Acq On : 09 Jun 2025 20:58
 Operator : RC/JU
 Sample : Q2226-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 01:27:11 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	395507	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1511863	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	835521	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1452446	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1291557	20.000	ng	0.00
86) Perylene-d12	24.344	264	1337173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3126533	131.869	ng	0.00
7) Phenol-d6	6.940	99	3679931	117.904	ng	0.00
23) Nitrobenzene-d5	8.922	82	2614873	89.952	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1359589	143.063	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	5328381	86.339	ng	0.00
79) Terphenyl-d14	19.762	244	6171435	90.550	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	410805	39.528	ng	# 78
3) Pyridine	3.681	79	1012714	37.628	ng	99
4) n-Nitrosodimethylamine	3.587	42	254911	45.803	ng	96
6) Aniline	7.098	93	692920	16.794	ng	100
8) 2-Chlorophenol	7.334	128	1261327	48.365	ng	99
9) Benzaldehyde	6.910	77	470499	23.710	ng	99
10) Phenol	6.963	94	1374952	41.635	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1256020	47.286	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1284181	44.046	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1332501	43.927	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1289747	44.600	ng	99
15) Benzyl Alcohol	8.004	79	1057318	47.497	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	867084	46.991	ng	99
17) 2-Methylphenol	8.210	107	1009984	46.352	ng	99
18) Hexachloroethane	8.851	117	492829	44.862	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	889624	46.578	ng	99
20) 3+4-Methylphenols	8.534	107	1333740	45.751	ng	100
22) Acetophenone	8.587	105	1836141	48.613	ng	# 99
24) Nitrobenzene	8.963	77	1324519	50.098	ng	100
25) Isophorone	9.492	82	2452735	48.885	ng	99
26) 2-Nitrophenol	9.669	139	608472	53.317	ng	99
27) 2,4-Dimethylphenol	9.734	122	1160854	49.506	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1638720	49.995	ng	100
29) 2,4-Dichlorophenol	10.204	162	1109642	51.137	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	1167906	48.367	ng	98
31) Naphthalene	10.604	128	3699253	47.325	ng	100
32) Benzoic acid	9.863	122	703609	47.746	ng	99
33) 4-Chloroaniline	10.710	127	262265	7.870	ng	99
34) Hexachlorobutadiene	10.904	225	699158	48.678	ng	99
35) Caprolactam	11.486	113	262971	38.226	ng	99
36) 4-Chloro-3-methylphenol	11.833	107	1110198	47.948	ng	99
37) 2-Methylnaphthalene	12.216	142	2288847	48.538	ng	99
38) 1-Methylnaphthalene	12.439	142	2392878	47.810	ng	100
40) 1,2,4,5-Tetrachloroben...	12.592	216	1254185	51.984	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1602258	109.354	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	843116	53.140	ng	99

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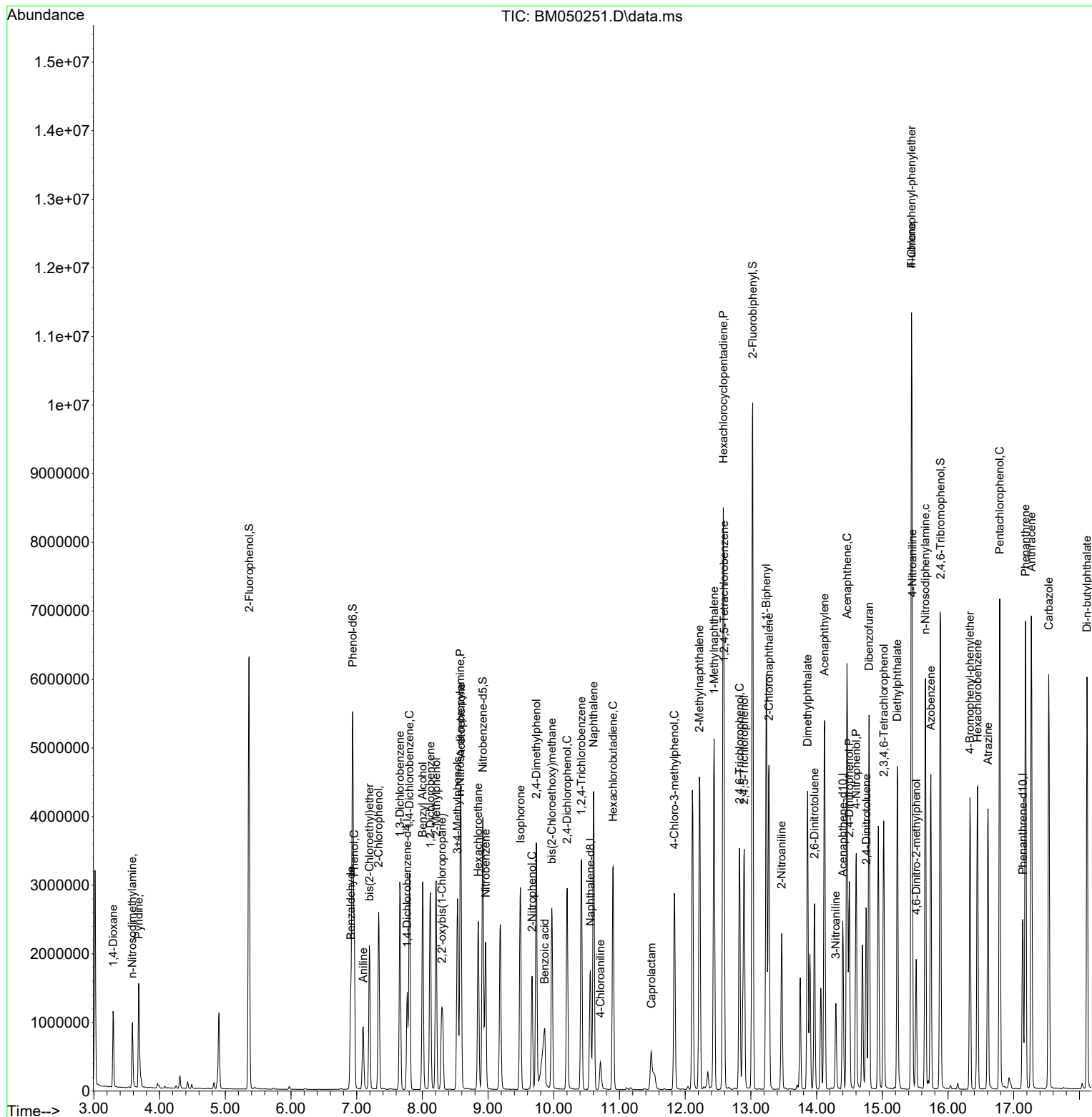
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	917115	52.647	ng	98
46) 1,1'-Biphenyl	13.233	154	3172114	50.703	ng	99
47) 2-Chloronaphthalene	13.275	162	2421623	49.788	ng	100
48) 2-Nitroaniline	13.469	65	595329	55.620	ng	96
49) Acenaphthylene	14.122	152	3967313	50.430	ng	99
50) Dimethylphthalate	13.863	163	2849131	50.422	ng	100
51) 2,6-Dinitrotoluene	13.969	165	612698	53.767	ng	98
52) Acenaphthene	14.463	154	2335159	47.456	ng	99
53) 3-Nitroaniline	14.292	138	344695	27.141	ng	100
54) 2,4-Dinitrophenol	14.498	184	691966	109.274	ng	95
55) Dibenzofuran	14.798	168	3575384	49.666	ng	100
56) 4-Nitrophenol	14.604	139	1047823	96.935	ng	97
57) 2,4-Dinitrotoluene	14.757	165	830530	55.251	ng	98
58) Fluorene	15.445	166	2702504	49.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	769866	51.081	ng	93
60) Diethylphthalate	15.227	149	2797659	49.900	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1333102	50.026	ng	97
62) 4-Nitroaniline	15.457	138	582061	48.899	ng	99
63) Azobenzene	15.739	77	2743738	48.962	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	428217	53.979	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2388396	52.335	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	838429	54.132	ng	99
68) Hexachlorobenzene	16.451	284	957173	52.893	ng	97
69) Atrazine	16.610	200	795271	54.691	ng	98
70) Pentachlorophenol	16.786	266	1281055	108.884	ng	99
71) Phenanthrene	17.180	178	4147484	49.986	ng	99
72) Anthracene	17.268	178	4211491	50.737	ng	100
73) Carbazole	17.533	167	3792742	50.155	ng	100
74) Di-n-butylphthalate	18.115	149	4481884	54.471	ng	100
75) Fluoranthene	19.192	202	4355639	49.778	ng	99
77) Benzidine	19.374	184	441789	12.164	ng	99
78) Pyrene	19.556	202	4546225	52.225	ng	99
80) Butylbenzylphthalate	20.468	149	1735253	59.759	ng	98
81) Benzo(a)anthracene	21.350	228	4167289	50.976	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	826974	33.172	ng	99
83) Chrysene	21.409	228	3981460	51.200	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	2662705	59.532	ng	99
85) Di-n-octyl phthalate	22.433	149	4131361	62.247	ng	100
87) Indeno(1,2,3-cd)pyrene	27.703	276	5098501	59.218	ng	100
88) Benzo(b)fluoranthene	23.409	252	4049157	52.083	ng	99
89) Benzo(k)fluoranthene	23.474	252	4106648	51.744	ng	99
90) Benzo(a)pyrene	24.203	252	3915530	53.567	ng	100
91) Dibenzo(a,h)anthracene	27.768	278	4153403	59.431	ng	99
92) Benzo(g,h,i)perylene	28.744	276	4187458	59.866	ng	99

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

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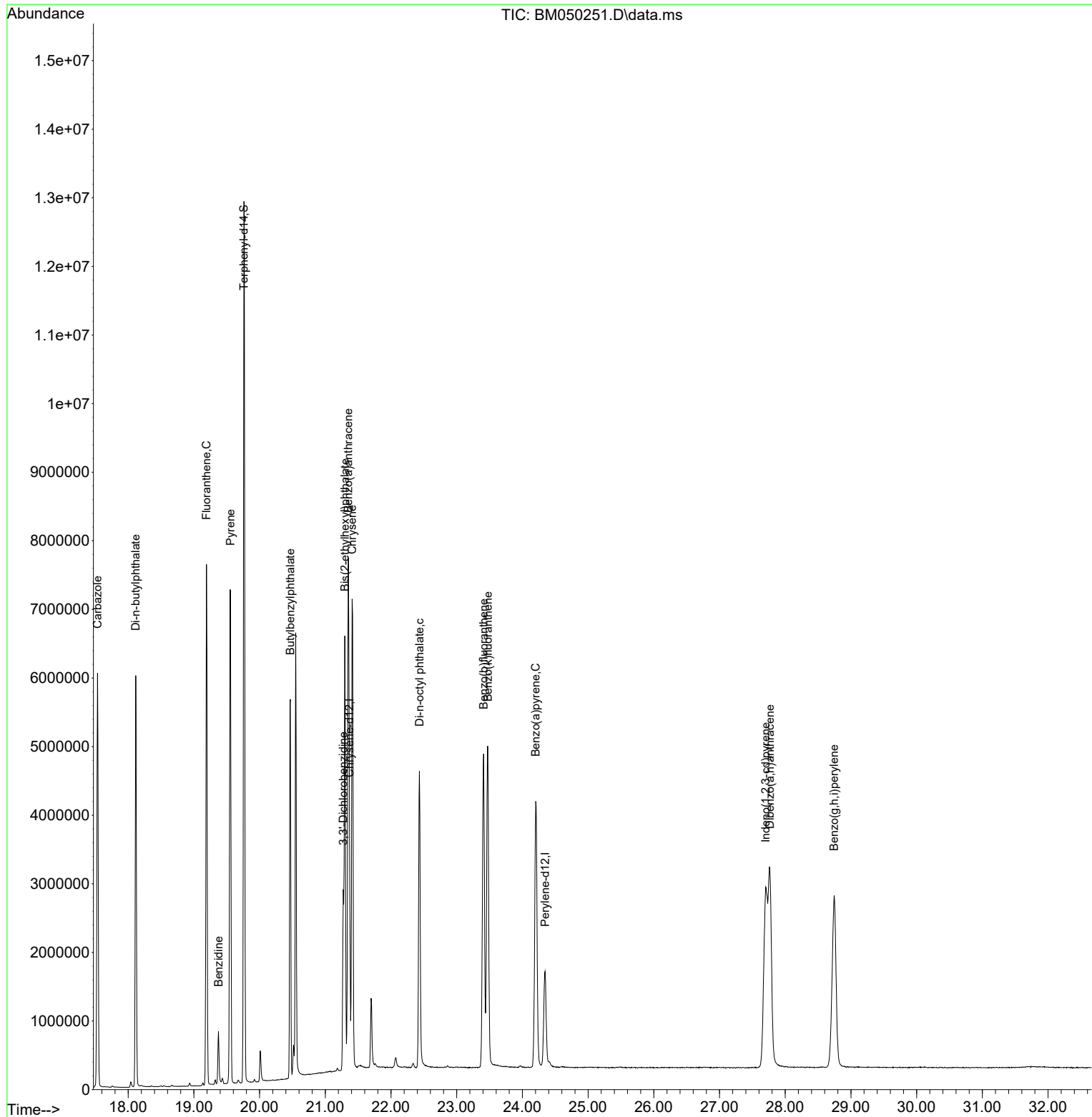
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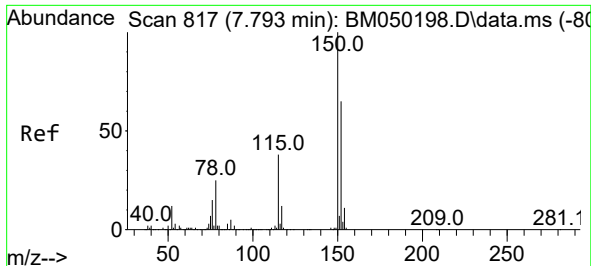


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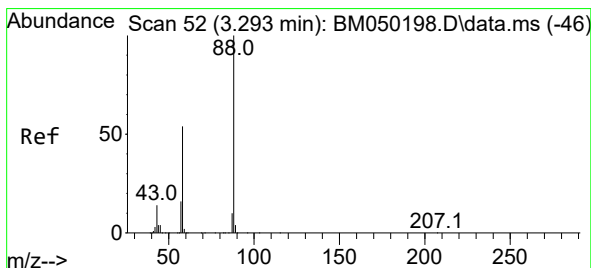
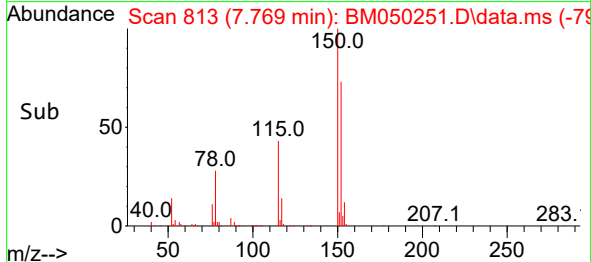
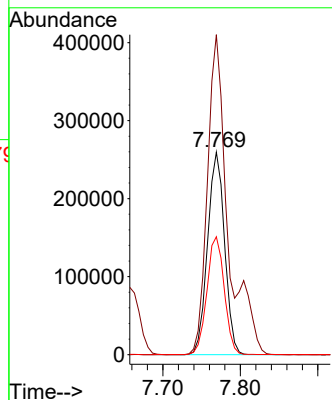
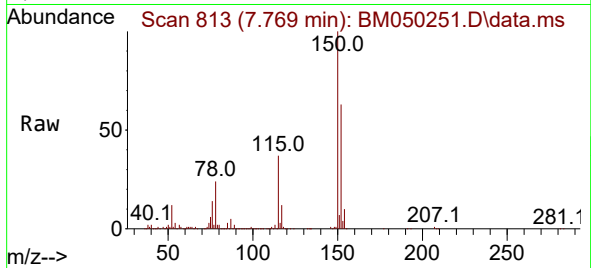




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BM050251.D
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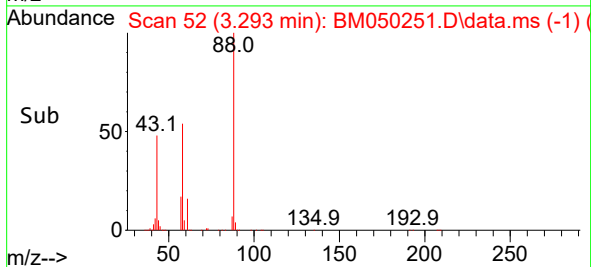
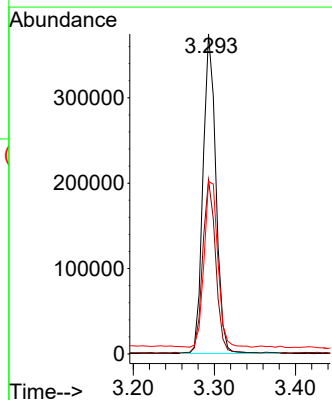
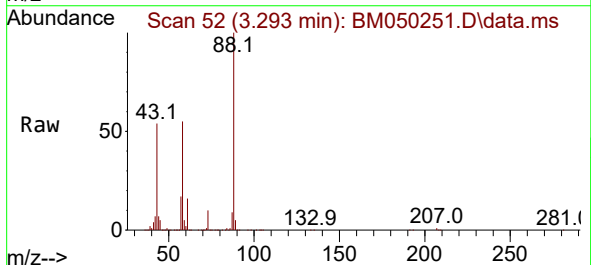
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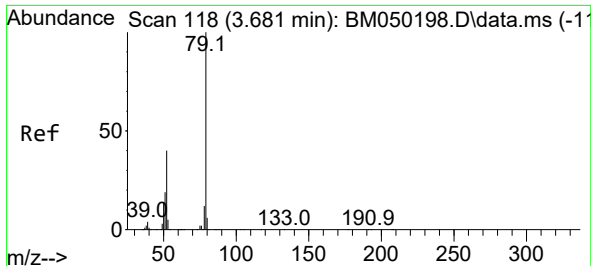
Tgt Ion:152 Resp: 395507
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.2 183.4
 115 58.2 46.3 69.5



#2
 1,4-Dioxane
 Concen: 39.528 ng
 RT: 3.293 min Scan# 52
 Delta R.T. 0.012 min
 Lab File: BM050251.D
 Acq: 09 Jun 2025 20:58

Tgt Ion: 88 Resp: 410805
 Ion Ratio Lower Upper
 88 100
 58 54.3 42.9 64.3
 43 55.5 11.0 16.6#

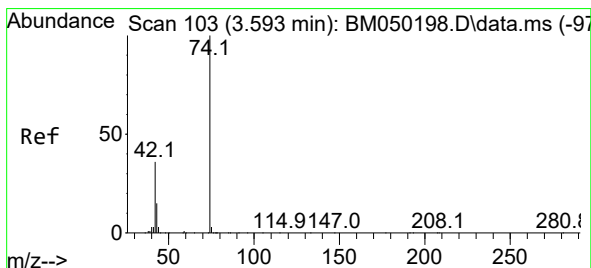
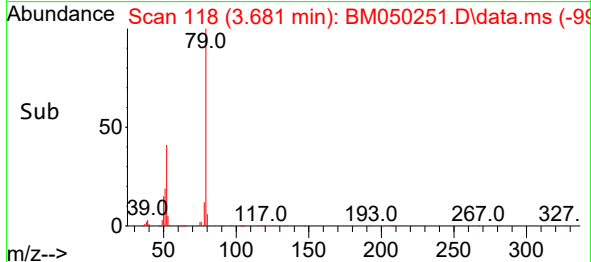
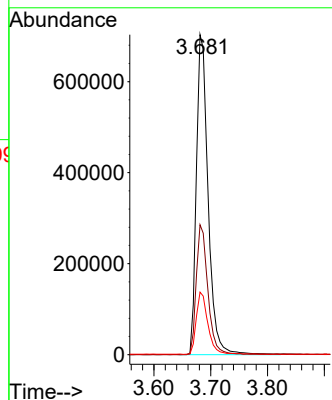
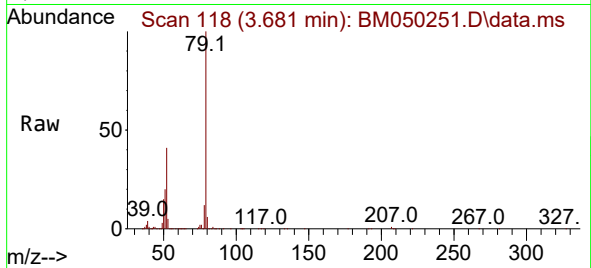




#3
Pyridine
Concen: 37.628 ng
RT: 3.681 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

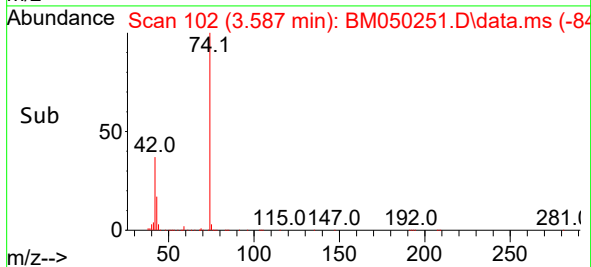
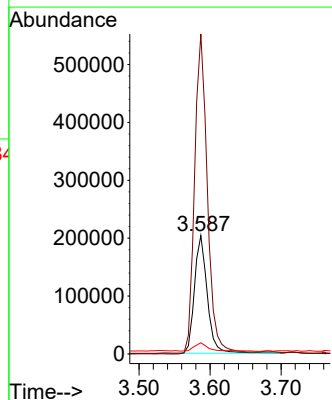
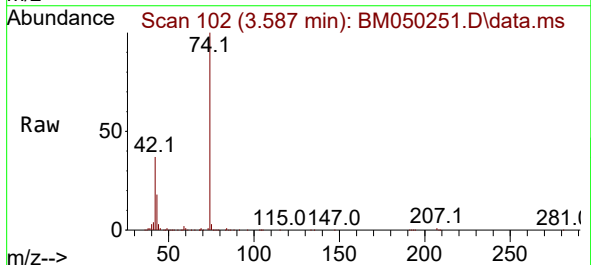
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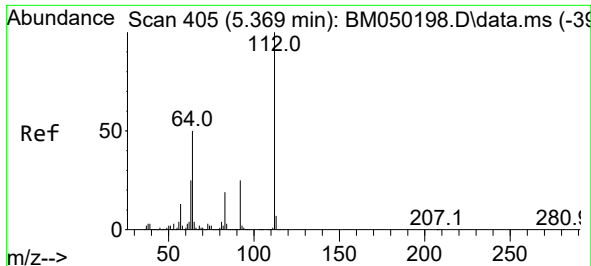
Tgt Ion: 79 Resp: 1012714
Ion Ratio Lower Upper
79 100
52 40.6 32.1 48.1
51 19.6 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 45.803 ng
RT: 3.587 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM050251.D
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Tgt Ion: 42 Resp: 254911
Ion Ratio Lower Upper
42 100
74 270.2 222.0 333.0
44 9.4 7.0 10.6

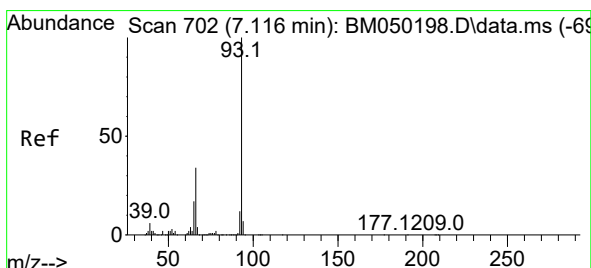
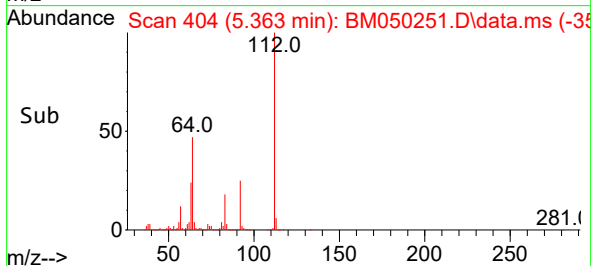
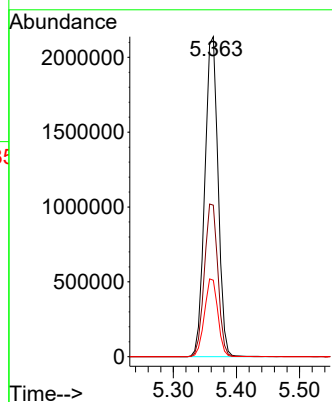
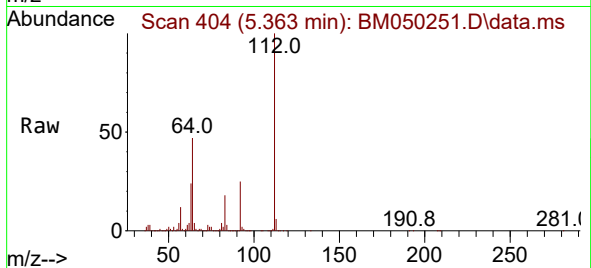




#5
2-Fluorophenol
Concen: 131.869 ng
RT: 5.363 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM050251.D
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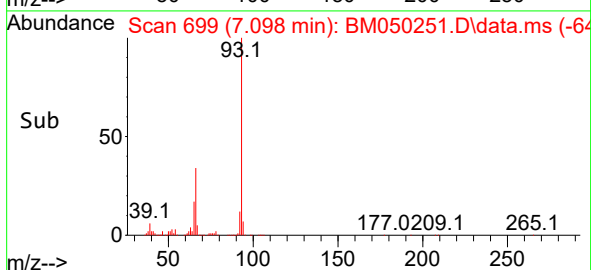
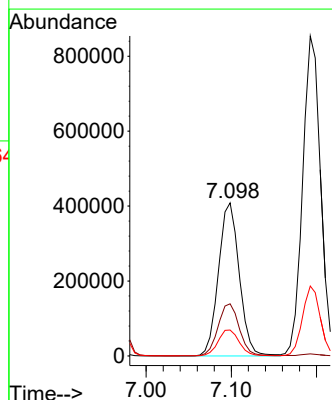
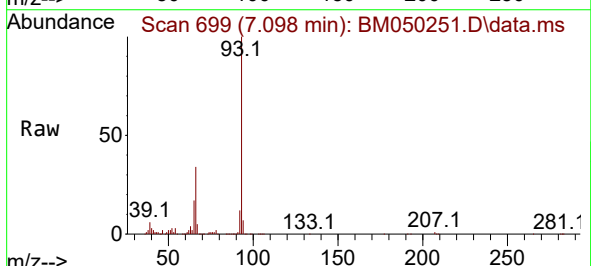
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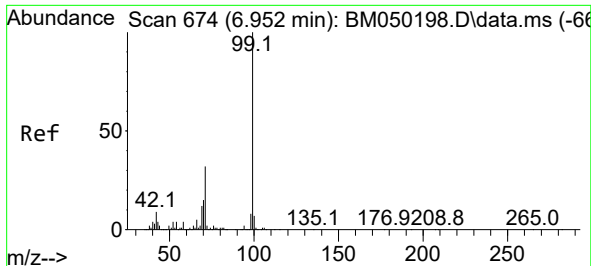
Tgt Ion:112 Resp: 3126533
Ion Ratio Lower Upper
112 100
64 47.4 39.8 59.6
63 23.9 19.8 29.8



#6
Aniline
Concen: 16.794 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.006 min
Lab File: BM050251.D
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Tgt Ion: 93 Resp: 692920
Ion Ratio Lower Upper
93 100
66 34.0 27.4 41.2
65 16.9 13.6 20.4

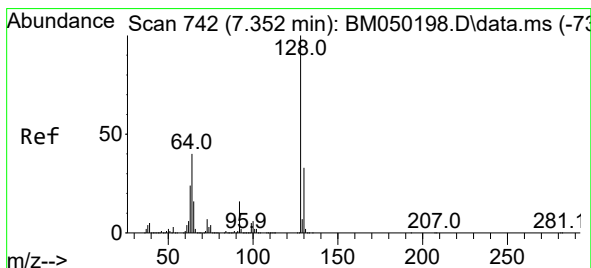
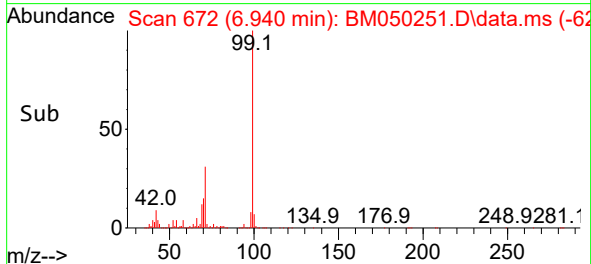
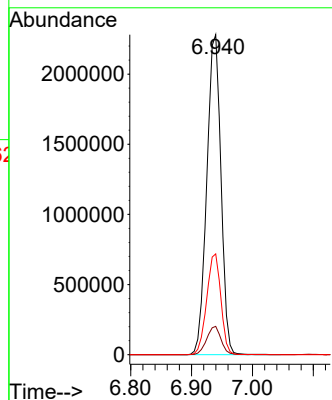
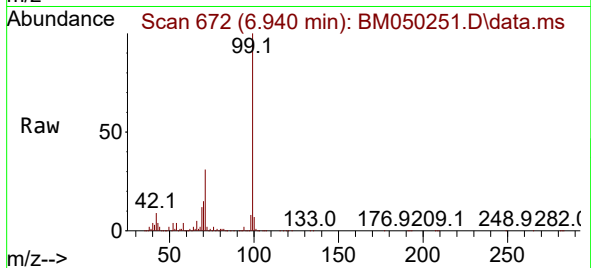




#7
Phenol-d6
Concen: 117.904 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050251.D
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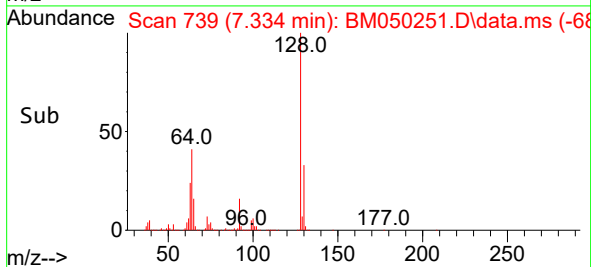
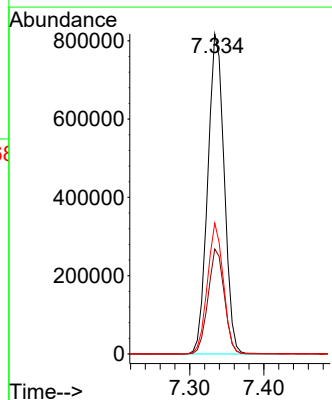
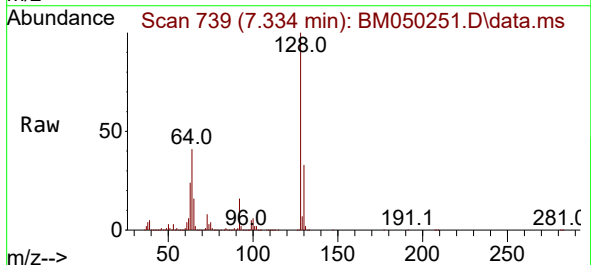
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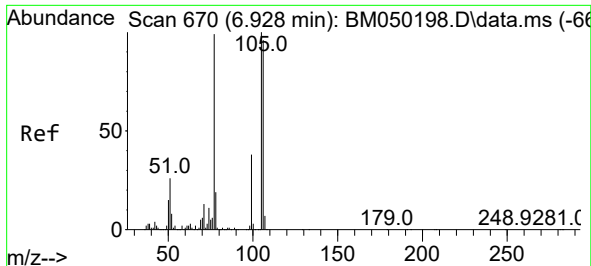
Tgt Ion: 99 Resp: 3679931
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.5 25.3 37.9



#8
2-Chlorophenol
Concen: 48.365 ng
RT: 7.334 min Scan# 739
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 1261327
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 40.9 19.8 59.8

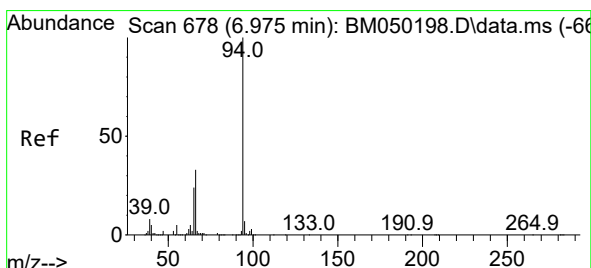
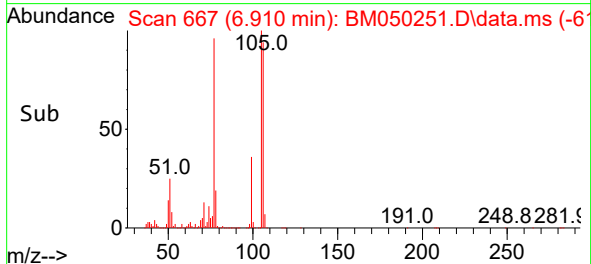
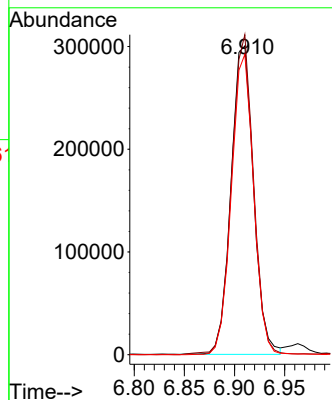
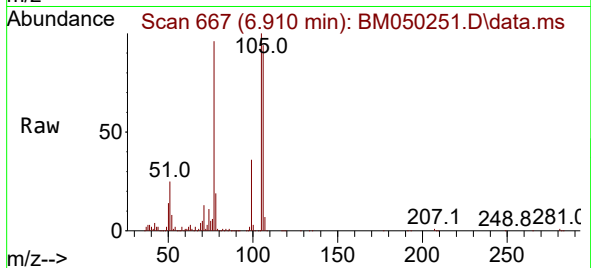




#9
Benzaldehyde
Concen: 23.710 ng
RT: 6.910 min Scan# 670
Delta R.T. 0.000 min
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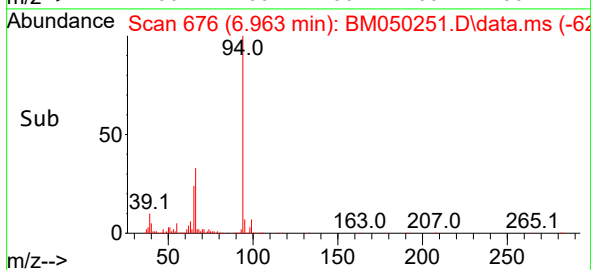
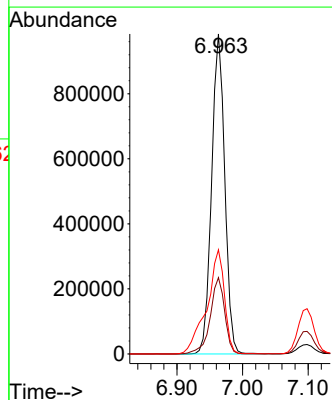
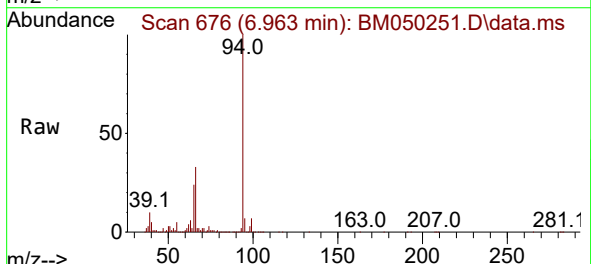
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BNA_M
ClientSampleId :

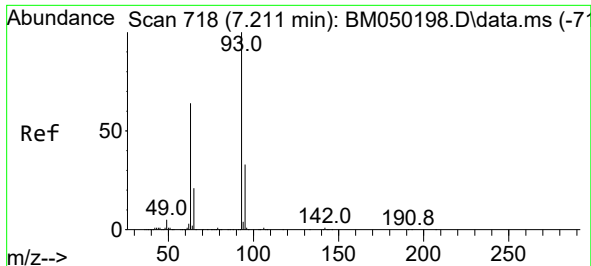
Tgt Ion: 77 Resp: 470499
Ion Ratio Lower Upper
77 100
105 103.6 80.9 120.9
106 97.3 77.1 117.1



#10
Phenol
Concen: 41.635 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion: 94 Resp: 1374952
Ion Ratio Lower Upper
94 100
65 23.9 4.3 44.3
66 32.5 12.9 52.9

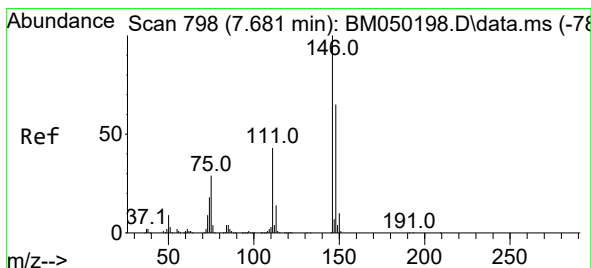
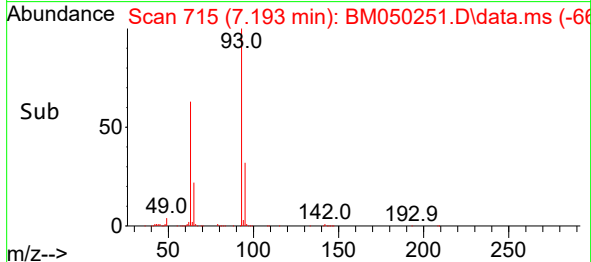
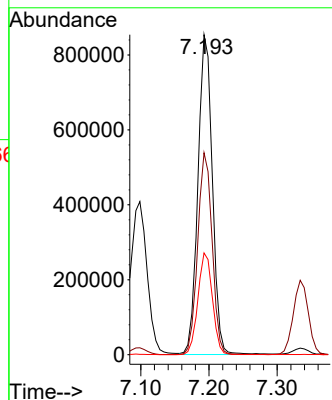
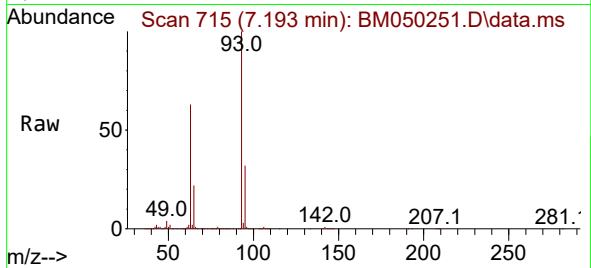




#11
bis(2-Chloroethyl)ether
Concen: 47.286 ng
RT: 7.193 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

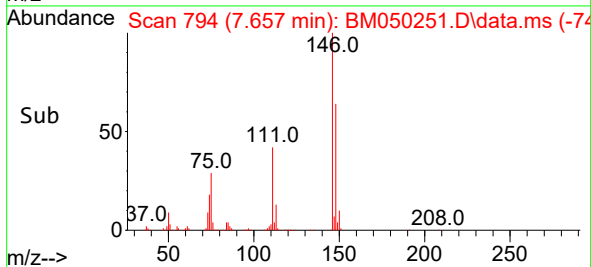
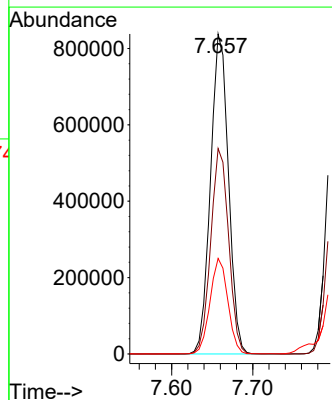
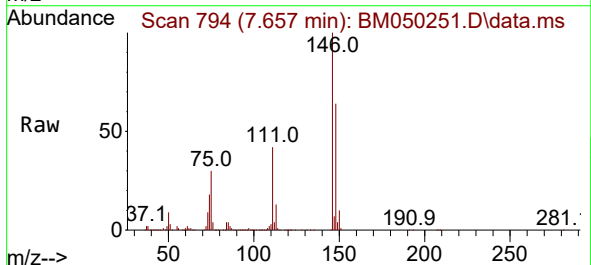
Instrument :
BNA_M
ClientSampleId :

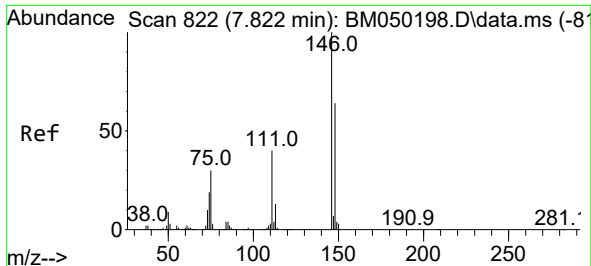
Tgt Ion: 93 Resp: 1256020
Ion Ratio Lower Upper
93 100
63 63.1 43.9 83.9
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.046 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:146 Resp: 1284181
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 29.8 23.4 35.0

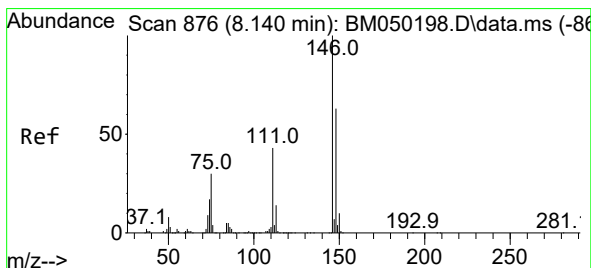
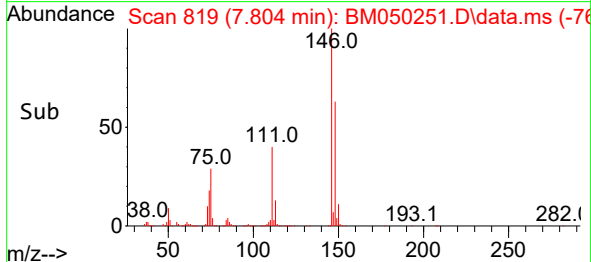
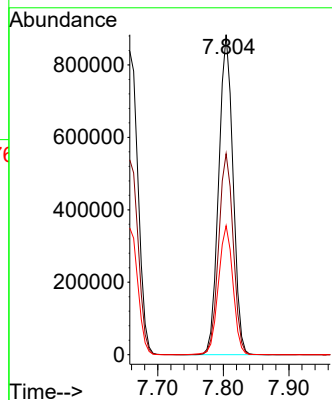
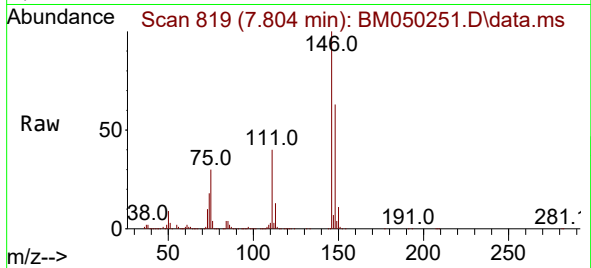




#13
1,4-Dichlorobenzene
Concen: 43.927 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

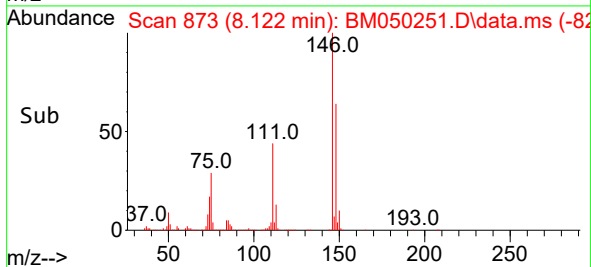
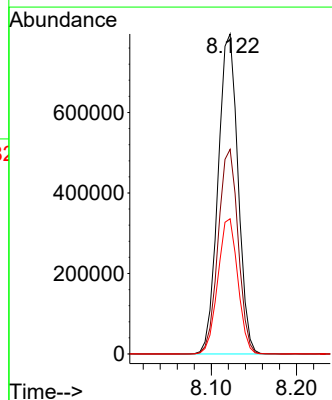
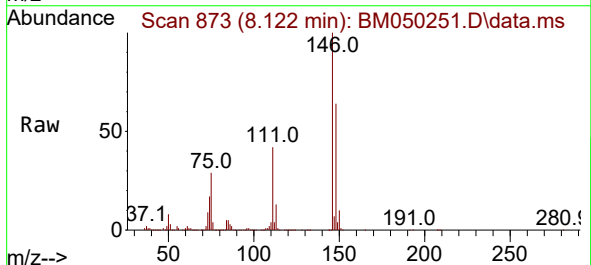
Instrument :
BNA_M
ClientSampleId :

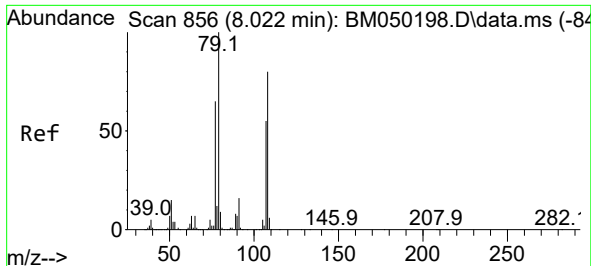
Tgt Ion:146 Resp: 1332501
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.0
111 40.3 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 44.600 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:146 Resp: 1289747
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
111 42.2 34.3 51.5

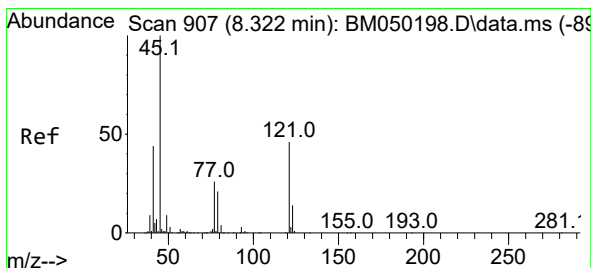
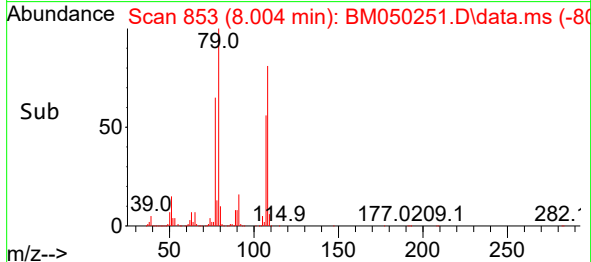
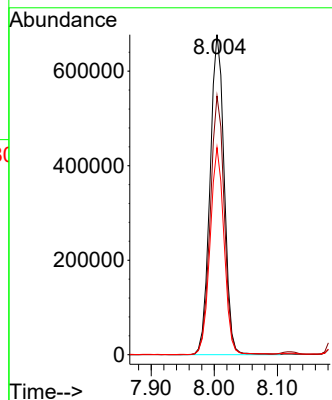
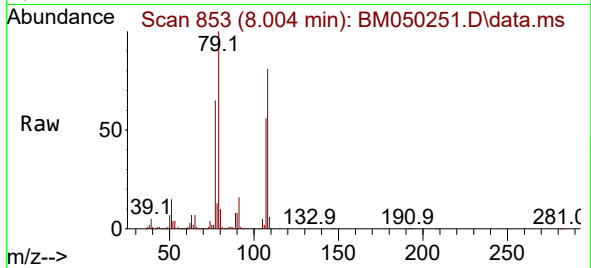




#15
Benzyl Alcohol
Concen: 47.497 ng
RT: 8.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

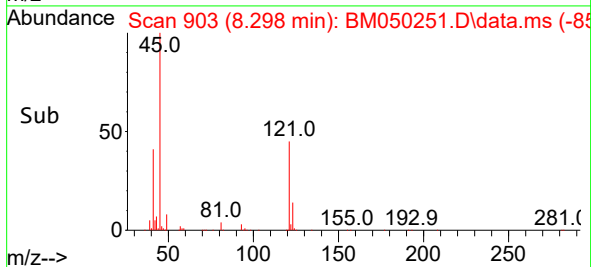
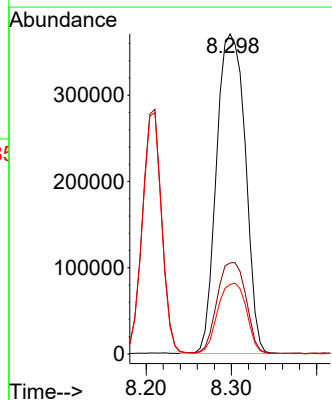
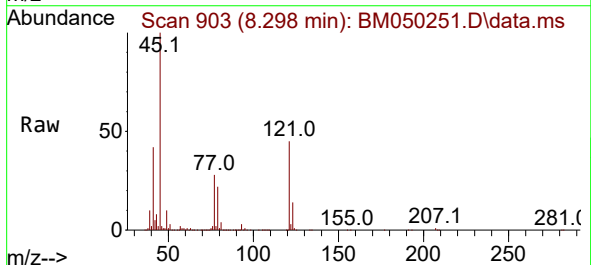
Instrument :
BNA_M
ClientSampleId :

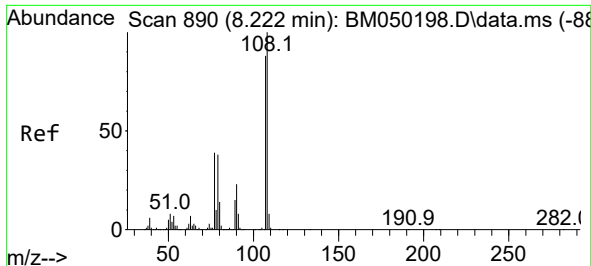
Tgt Ion: 79 Resp: 1057318
Ion Ratio Lower Upper
79 100
108 80.9 64.0 96.0
77 64.8 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.991 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

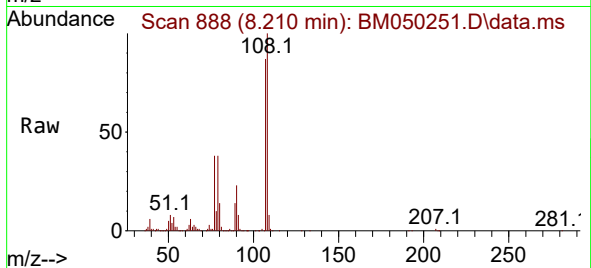
Tgt Ion: 45 Resp: 867084
Ion Ratio Lower Upper
45 100
77 28.5 8.7 48.7
79 21.7 2.7 42.7





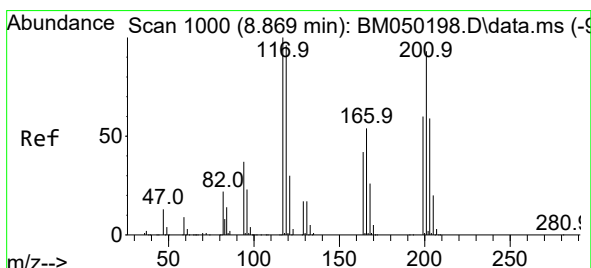
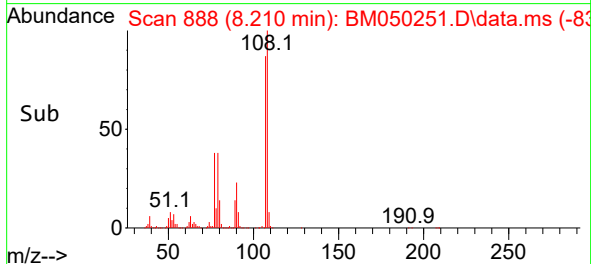
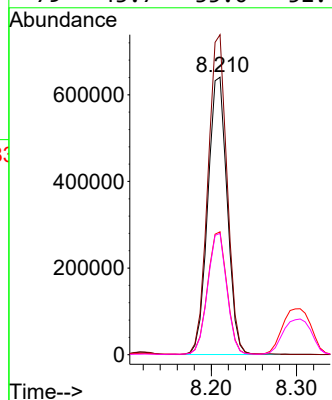
#17
2-Methylphenol
Concen: 46.352 ng
RT: 8.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:107 Resp: 1009984

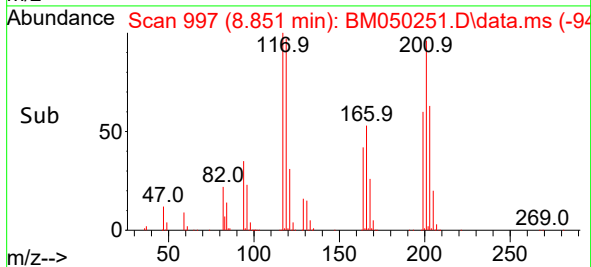
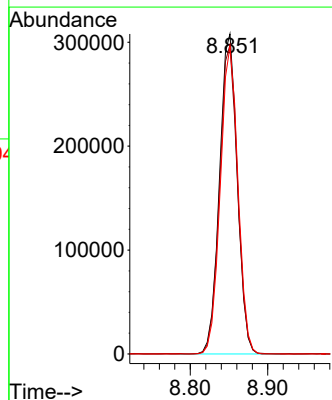
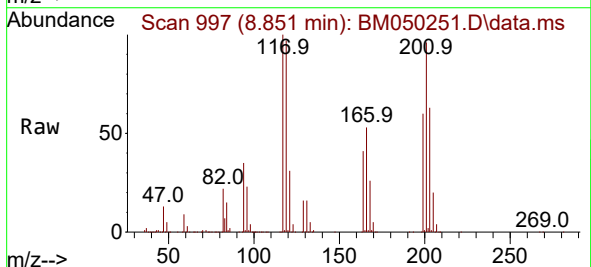
Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.8	136.2
77	44.3	35.7	53.5
79	43.7	35.0	52.4

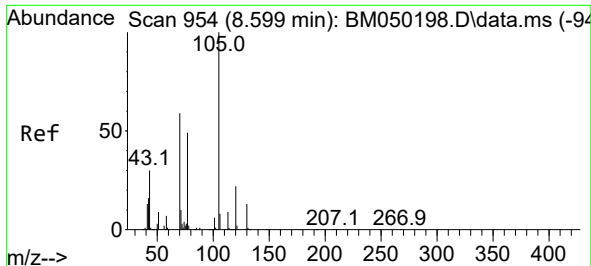


#18
Hexachloroethane
Concen: 44.862 ng
RT: 8.851 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:117 Resp: 492829

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
201	96.1	74.6	111.8

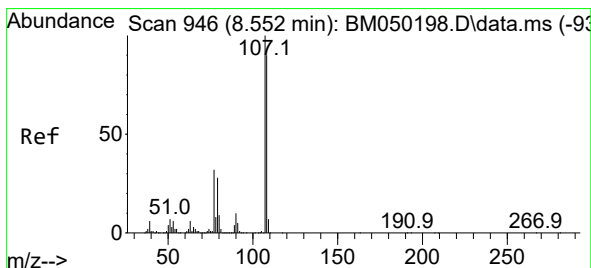
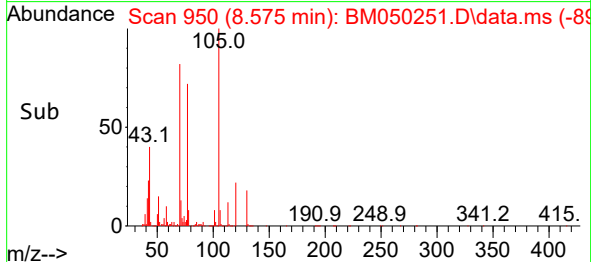
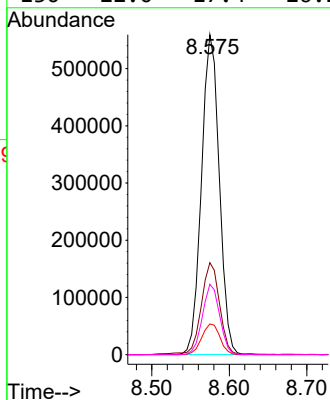
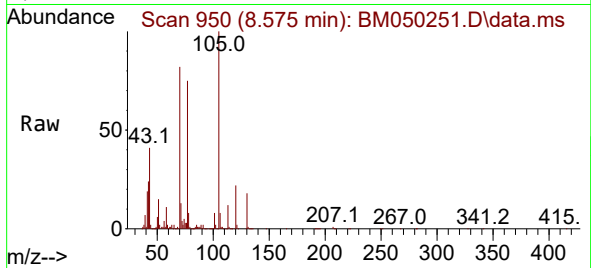




#19
n-Nitroso-di-n-propylamine
Concen: 46.578 ng
RT: 8.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

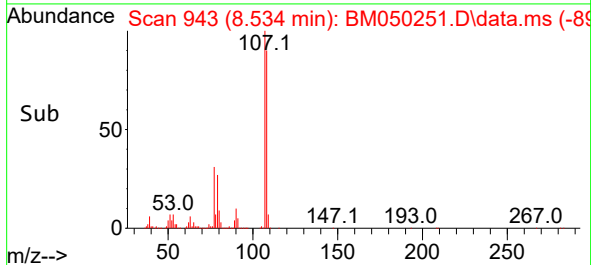
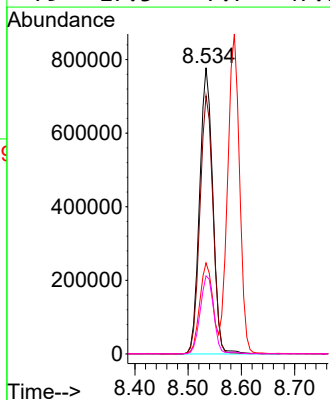
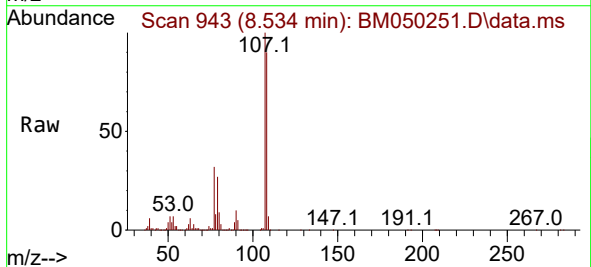
Instrument :
BNA_M
ClientSampleId :

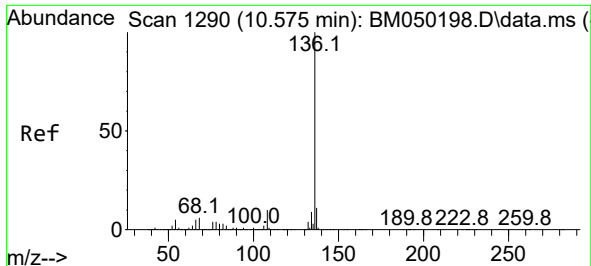
Tgt Ion: 70 Resp: 889624
Ion Ratio Lower Upper
70 100
42 28.7 22.6 33.8
101 9.6 8.3 12.5
130 22.0 17.4 26.2



#20
3+4-Methylphenols
Concen: 45.751 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion: 107 Resp: 1333740
Ion Ratio Lower Upper
107 100
108 90.2 70.4 110.4
77 31.8 12.2 52.2
79 27.3 7.7 47.7

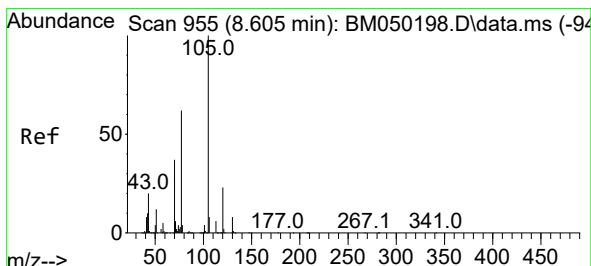
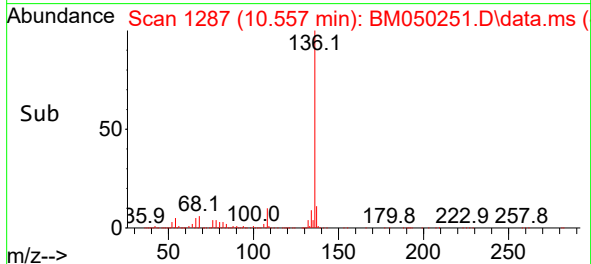
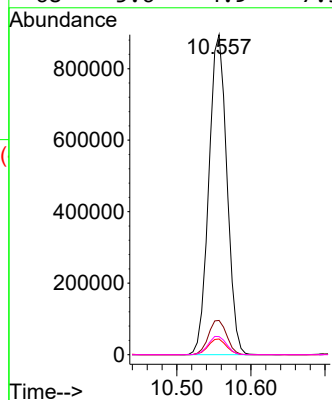
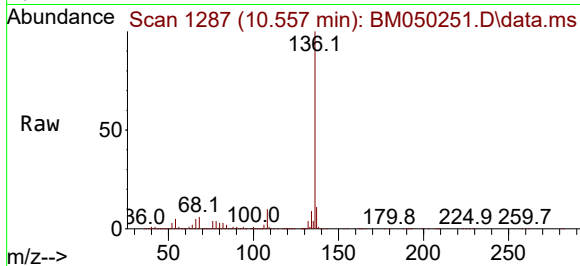




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

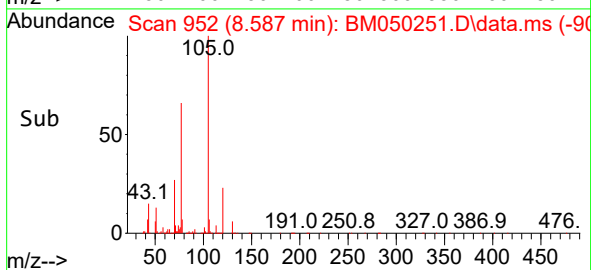
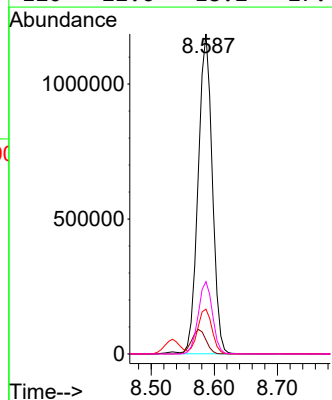
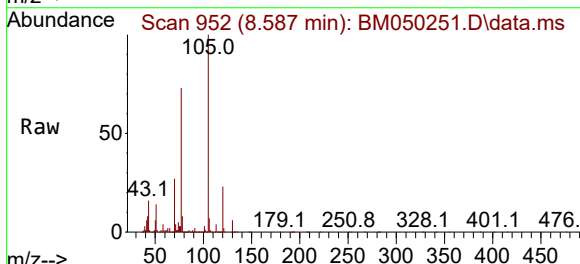
Instrument :
BNA_M
ClientSampleId :

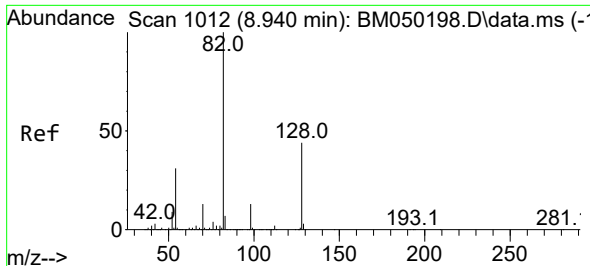
Tgt Ion:136 Resp: 1511863
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 4.9 3.8 5.8
68 5.6 4.9 7.3



#22
Acetophenone
Concen: 48.613 ng
RT: 8.587 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

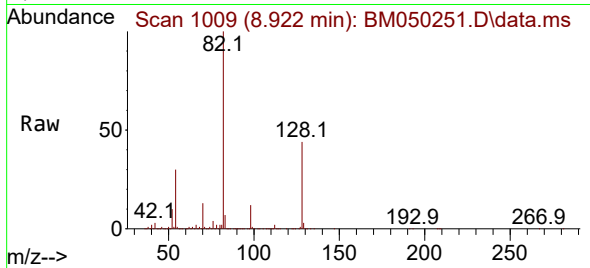
Tgt Ion:105 Resp: 1836141
Ion Ratio Lower Upper
105 100
71 4.4 5.0 7.4#
51 14.0 11.4 17.2
120 22.6 18.2 27.4



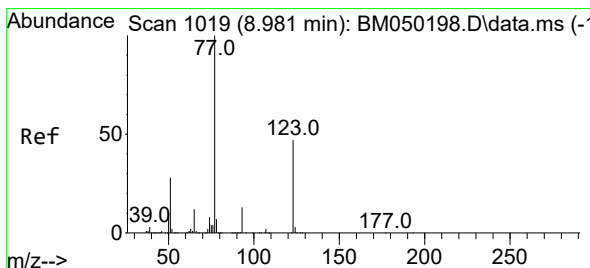
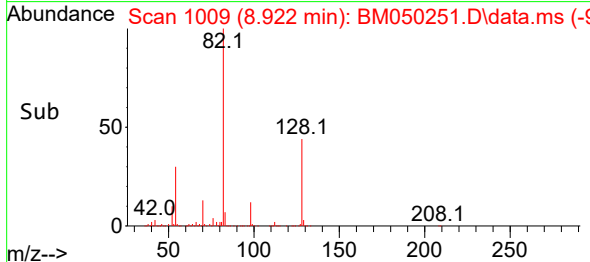
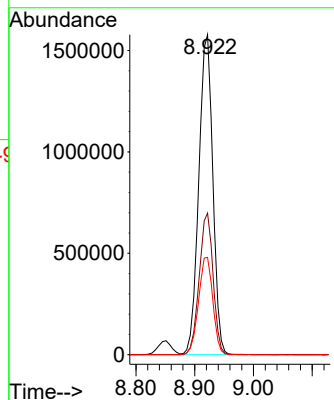


#23
Nitrobenzene-d5
Concen: 89.952 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Instrument :
BNA_M
ClientSampleId :

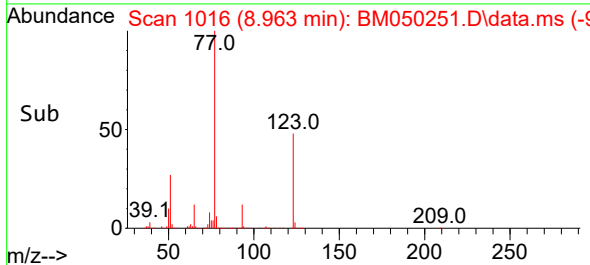
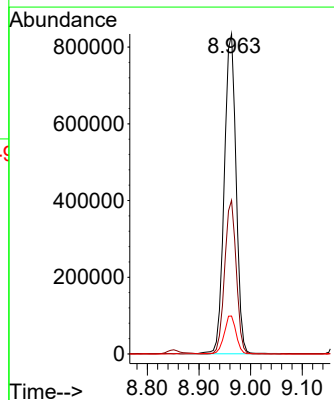
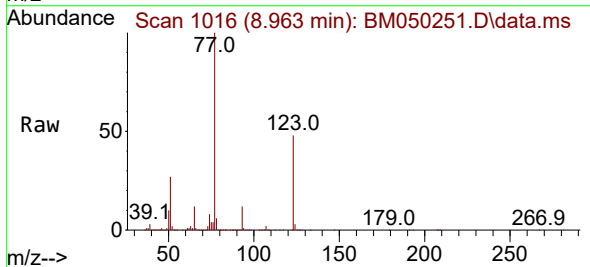


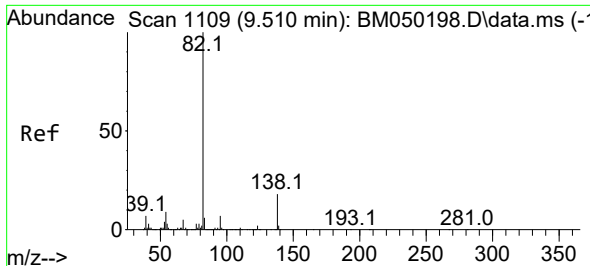
Tgt Ion: 82 Resp: 2614873
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 30.4 24.5 36.7



#24
Nitrobenzene
Concen: 50.098 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion: 77 Resp: 1324519
Ion Ratio Lower Upper
77 100
123 48.0 38.2 57.2
65 11.9 9.5 14.3

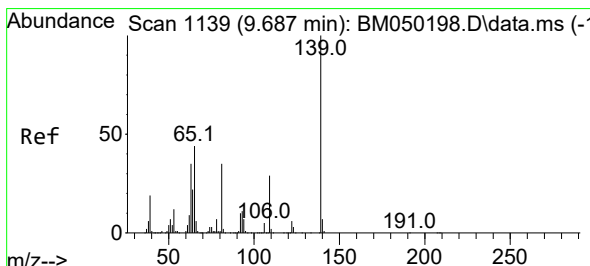
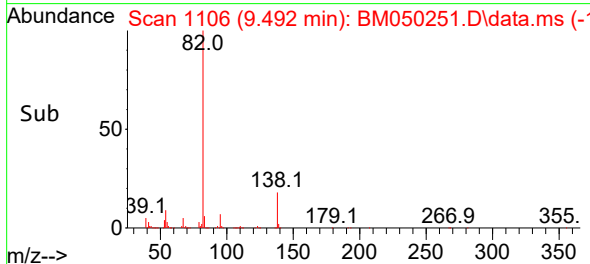
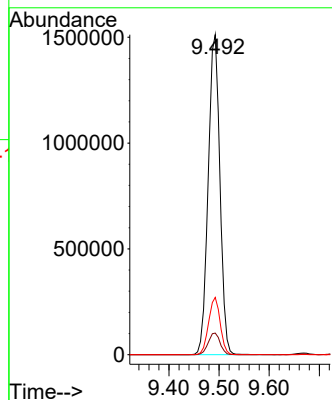
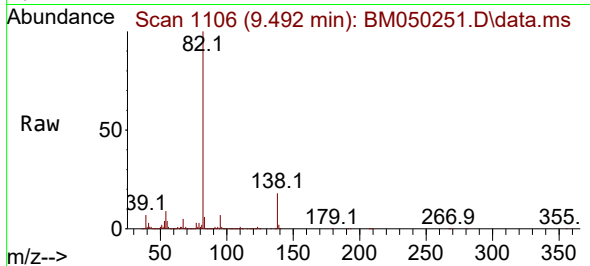




#25
Isophorone
Concen: 48.885 ng
RT: 9.492 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

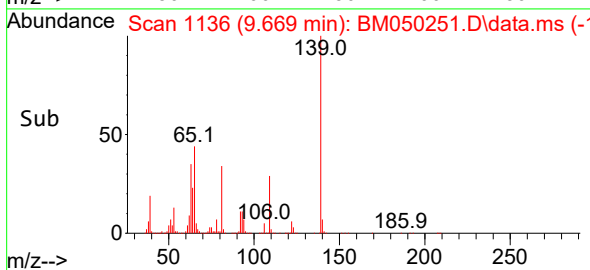
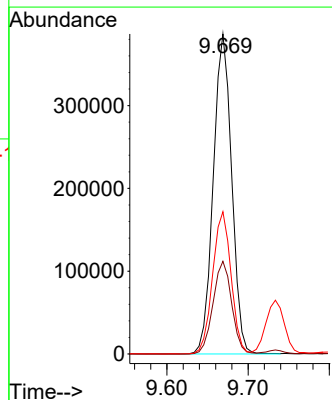
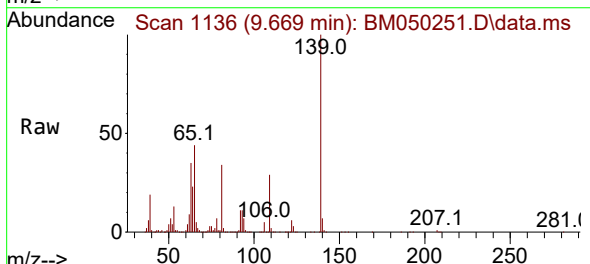
Instrument :
BNA_M
ClientSampleId :

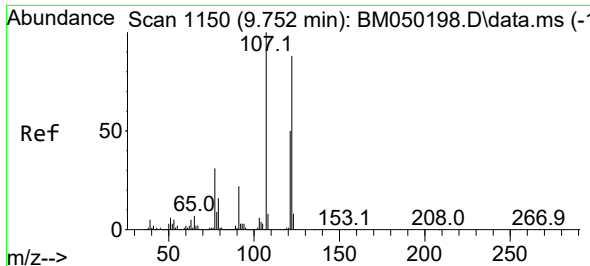
Tgt Ion: 82 Resp: 2452735
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 53.317 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:139 Resp: 608472
Ion Ratio Lower Upper
139 100
109 28.9 23.3 34.9
65 44.4 35.2 52.8

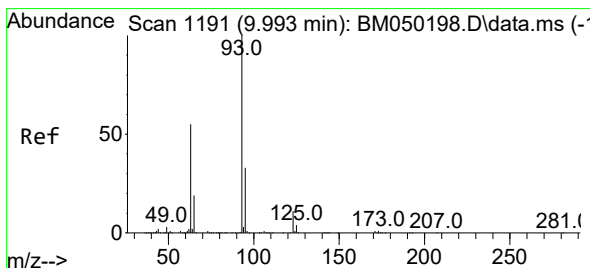
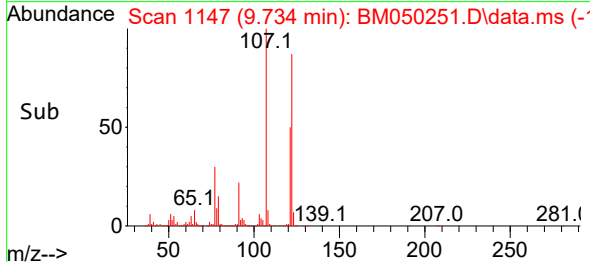
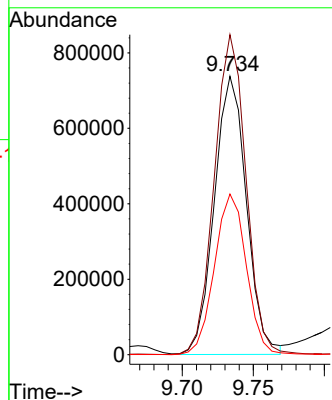
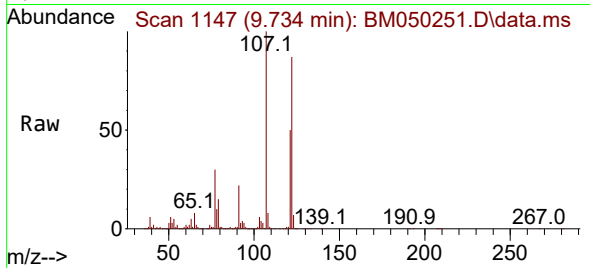




#27
2,4-Dimethylphenol
Concen: 49.506 ng
RT: 9.734 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

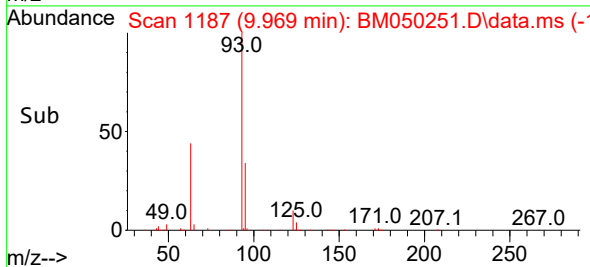
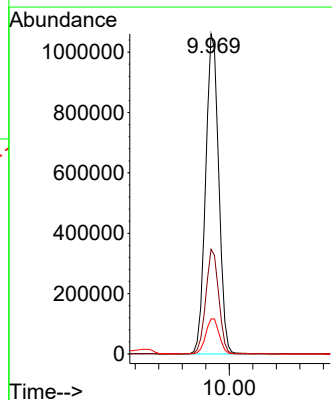
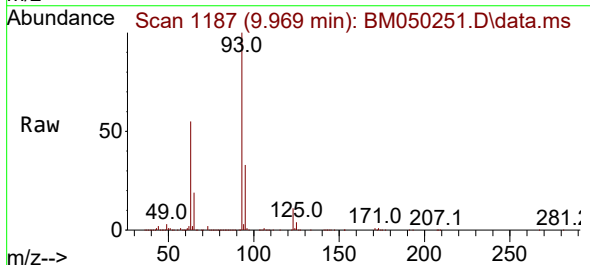
Instrument :
BNA_M
ClientSampleId :

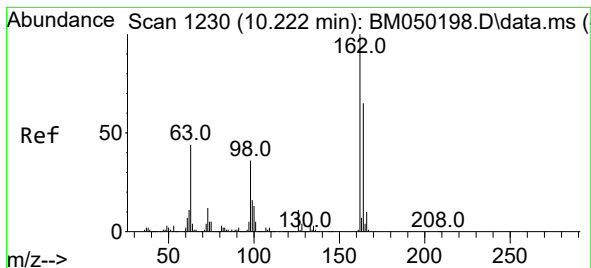
Tgt Ion:122 Resp: 1160854
Ion Ratio Lower Upper
122 100
107 114.9 91.0 136.6
121 57.7 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.995 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion: 93 Resp: 1638720
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.137 ng

RT: 10.204 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

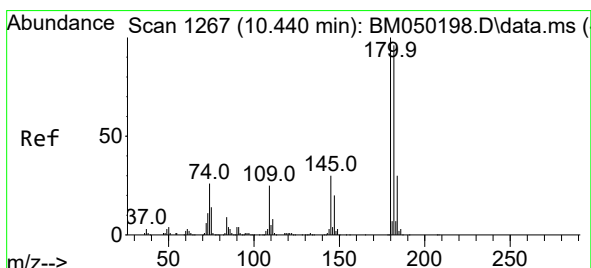
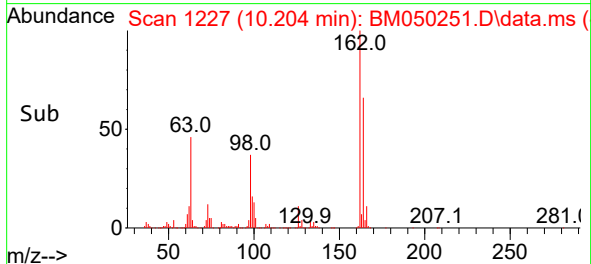
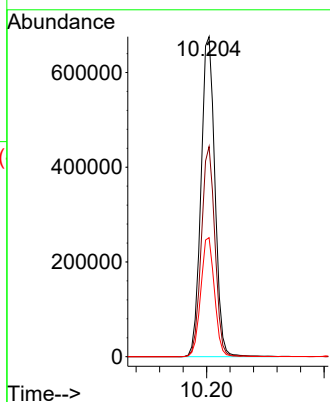
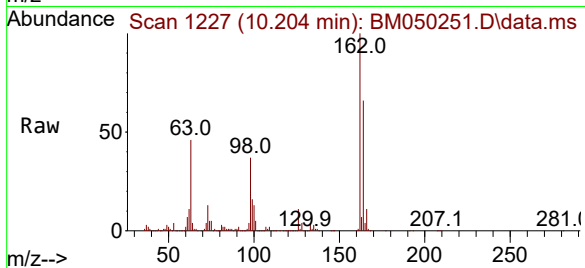
Tgt Ion:162 Resp: 1109642

Ion Ratio Lower Upper

162 100

164 65.6 45.0 85.0

98 37.2 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 48.367 ng

RT: 10.422 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

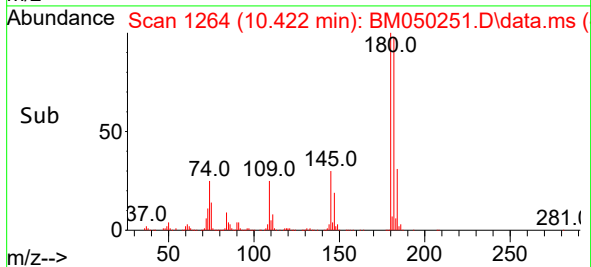
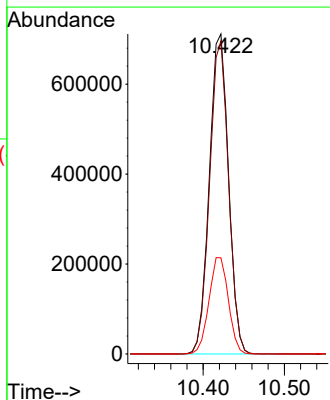
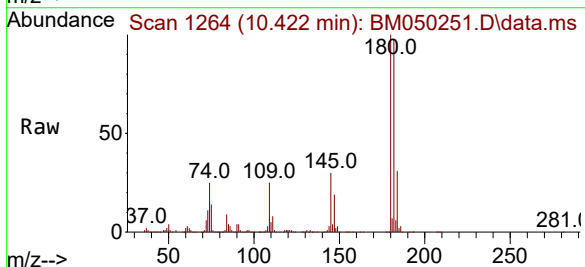
Tgt Ion:180 Resp: 1167906

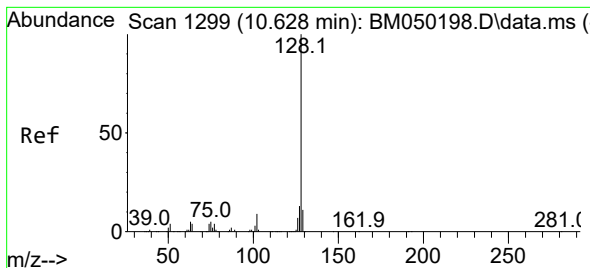
Ion Ratio Lower Upper

180 100

182 97.8 76.6 114.8

145 30.0 24.2 36.4

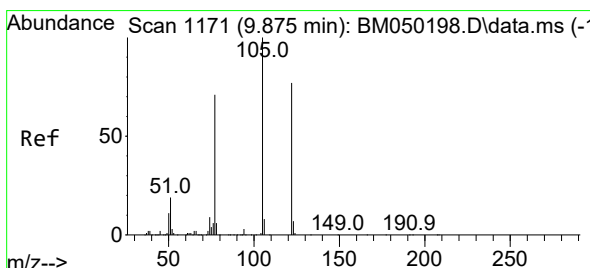
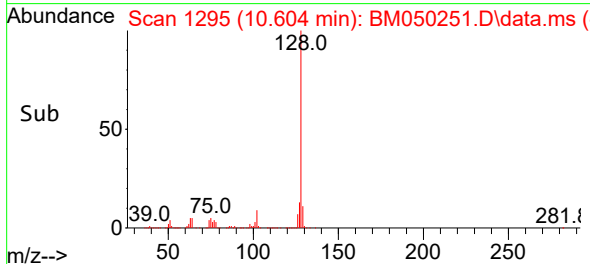
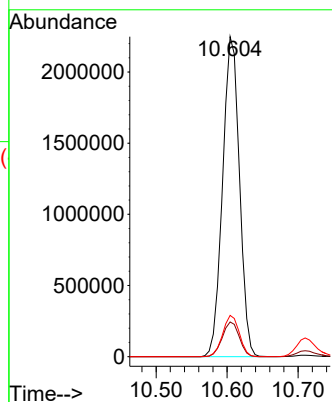
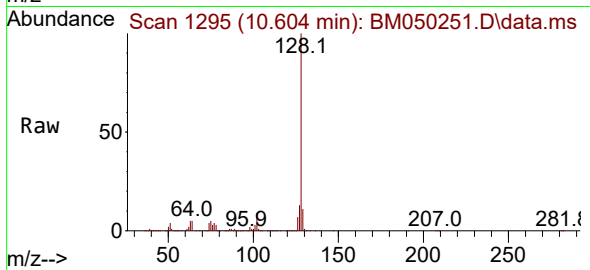




#31
Naphthalene
Concen: 47.325 ng
RT: 10.604 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

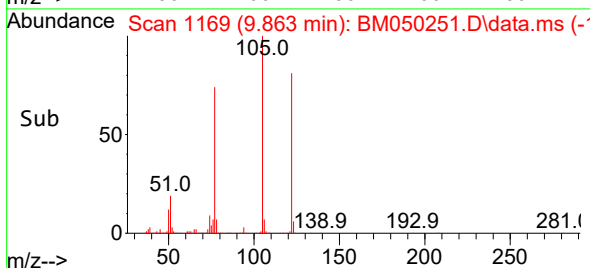
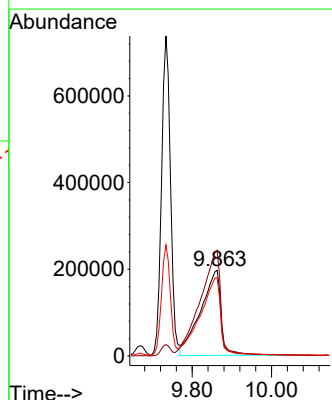
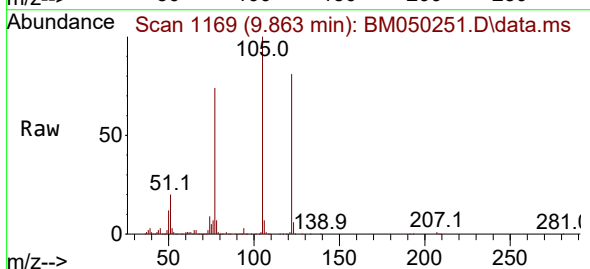
Instrument :
BNA_M
ClientSampleId :

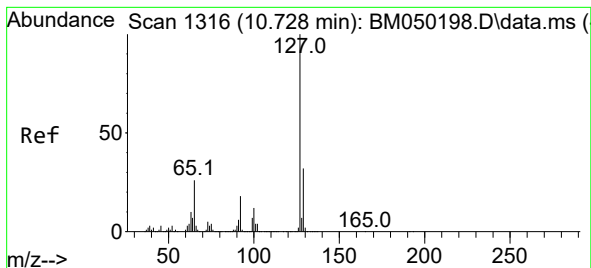
Tgt Ion:128 Resp: 3699253
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 47.746 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.018 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:122 Resp: 703609
Ion Ratio Lower Upper
122 100
105 123.5 103.4 143.4
77 91.4 70.3 110.3





#33

4-Chloroaniline

Concen: 7.870 ng

RT: 10.710 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 262265

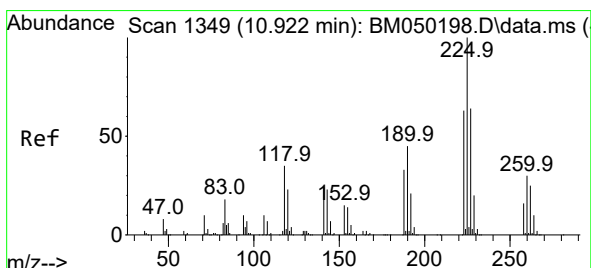
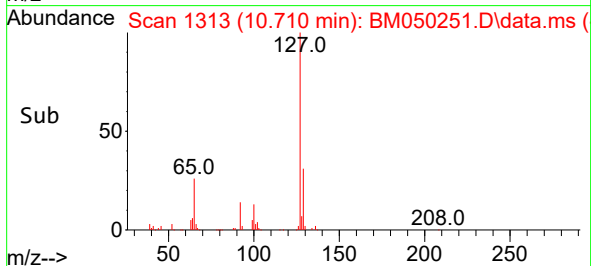
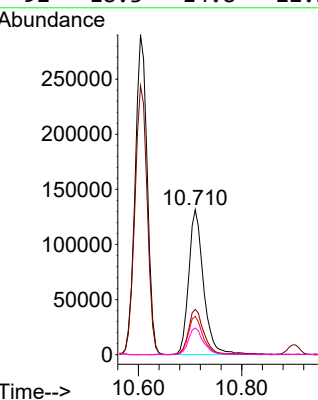
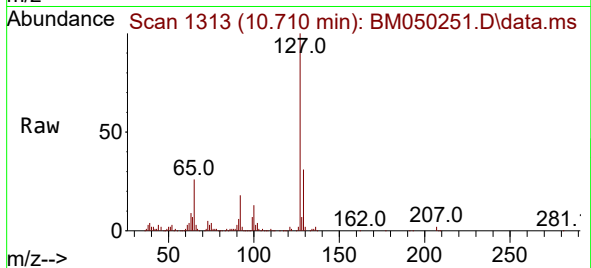
Ion Ratio Lower Upper

127 100

129 31.3 25.4 38.0

65 26.4 21.0 31.4

92 18.3 14.8 22.2



#34

Hexachlorobutadiene

Concen: 48.678 ng

RT: 10.904 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

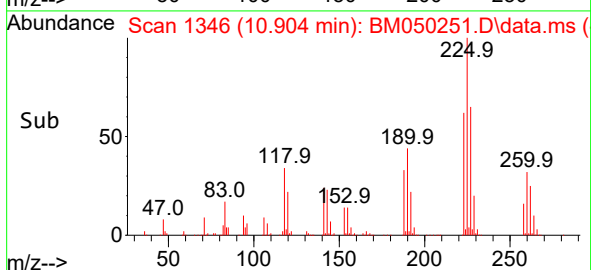
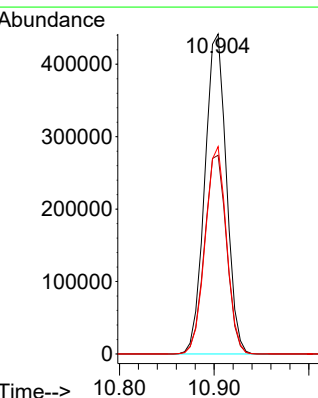
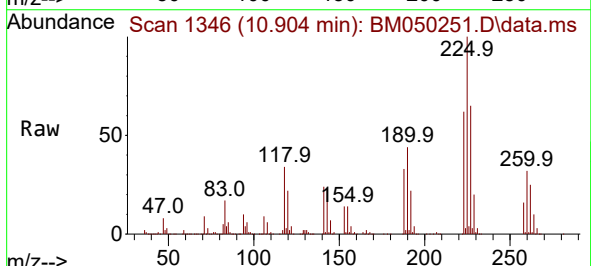
Tgt Ion:225 Resp: 699158

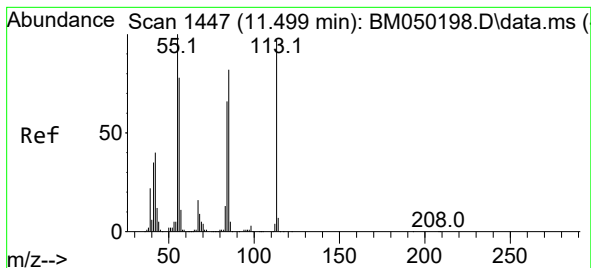
Ion Ratio Lower Upper

225 100

223 62.1 50.2 75.2

227 64.8 51.0 76.4





#35

Caprolactam

Concen: 38.226 ng

RT: 11.486 min Scan# 1445

Delta R.T. 0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

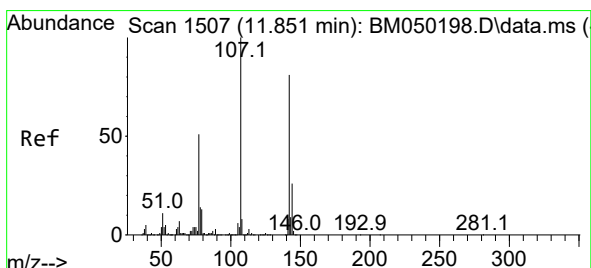
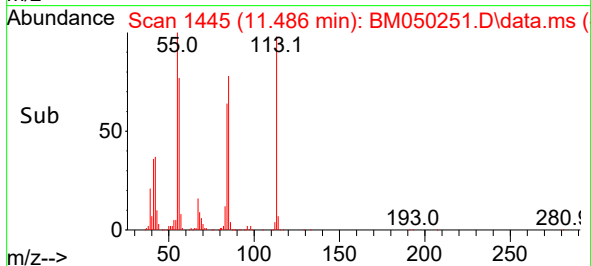
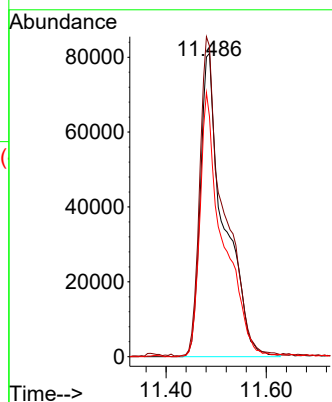
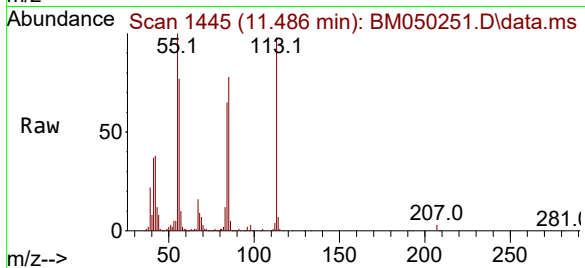
Tgt Ion:113 Resp: 262971

Ion Ratio Lower Upper

113 100

55 102.4 83.5 123.5

56 79.1 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 47.948 ng

RT: 11.833 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

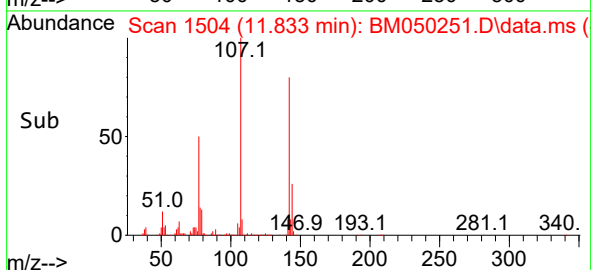
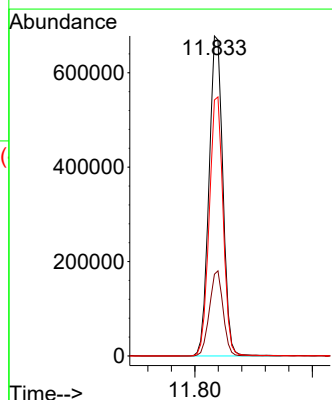
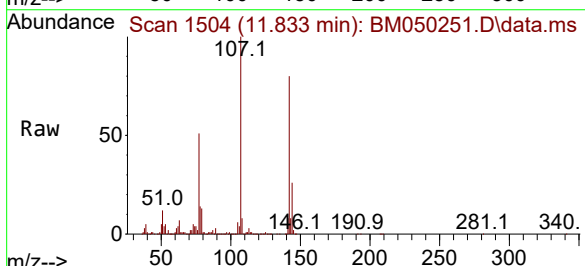
Tgt Ion:107 Resp: 1110198

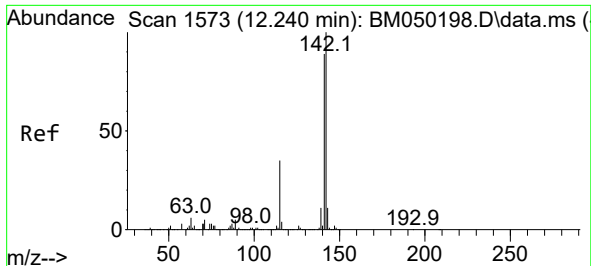
Ion Ratio Lower Upper

107 100

144 25.6 21.0 31.6

142 80.0 64.8 97.2





#37

2-Methylnaphthalene

Concen: 48.538 ng

RT: 12.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

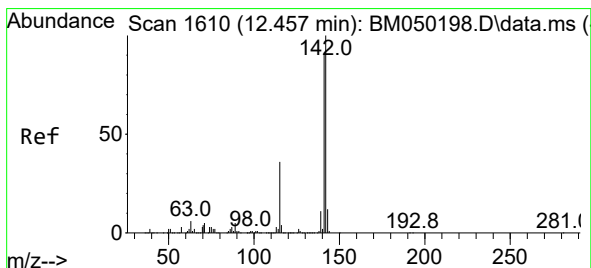
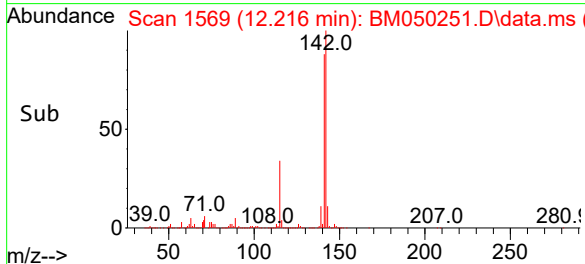
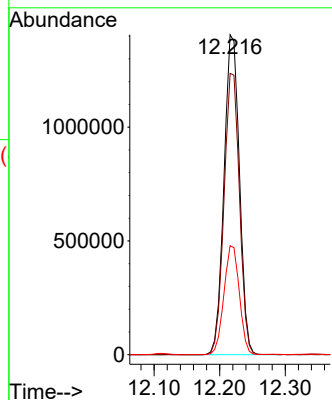
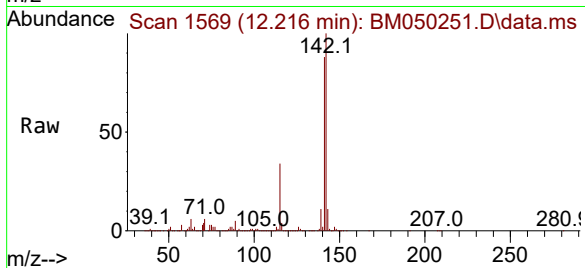
Tgt Ion:142 Resp: 2288847

Ion Ratio Lower Upper

142 100

141 87.9 71.5 107.3

115 34.1 27.8 41.8



#38

1-Methylnaphthalene

Concen: 47.810 ng

RT: 12.439 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

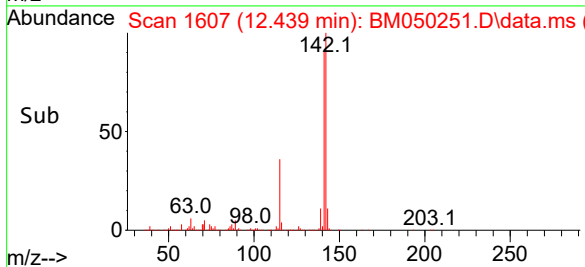
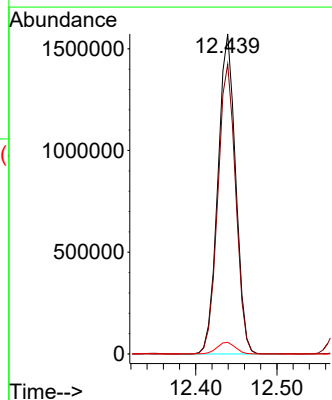
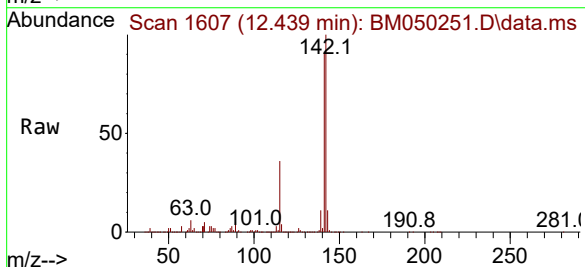
Tgt Ion:142 Resp: 2392878

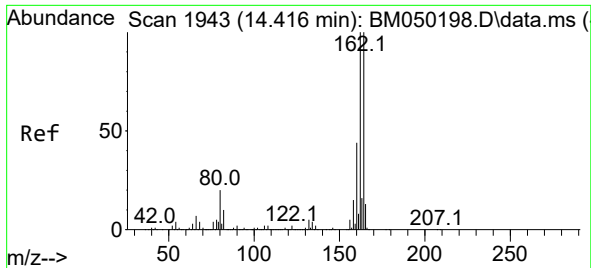
Ion Ratio Lower Upper

142 100

141 90.6 72.9 109.3

116 3.7 3.0 4.6

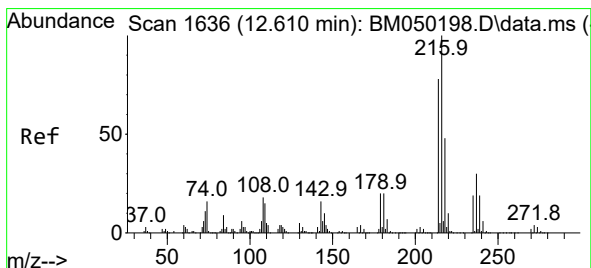
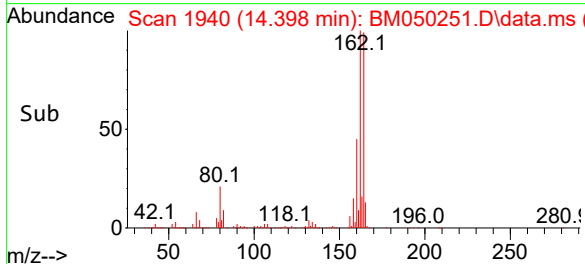
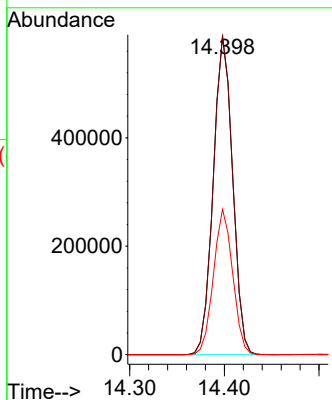
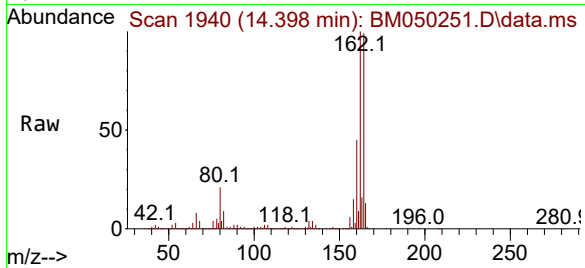




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

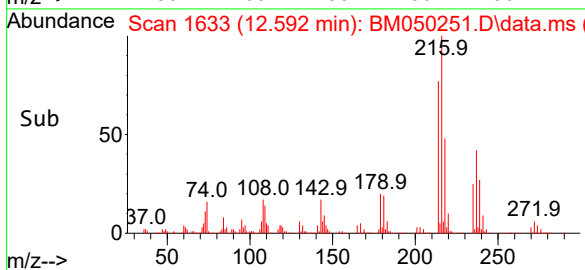
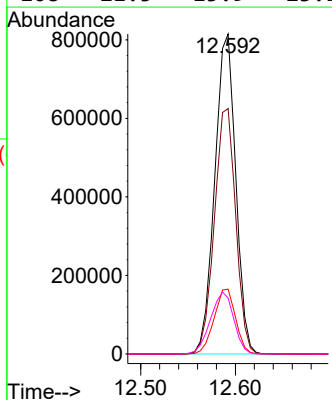
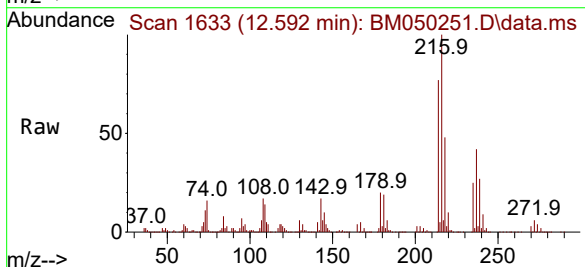
Instrument :
BNA_M
ClientSampleId :

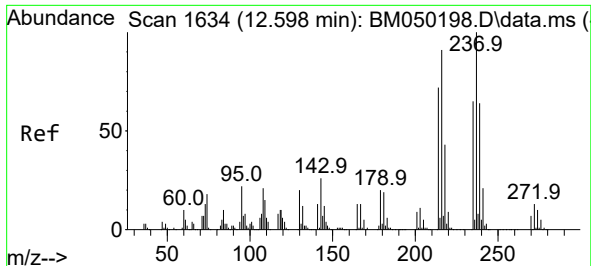
Tgt Ion:164 Resp: 835521
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.4
160 45.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.984 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:216 Resp: 1254185
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.7 16.6 25.0
108 21.5 15.9 23.9

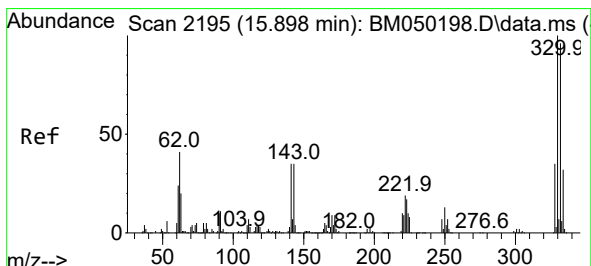
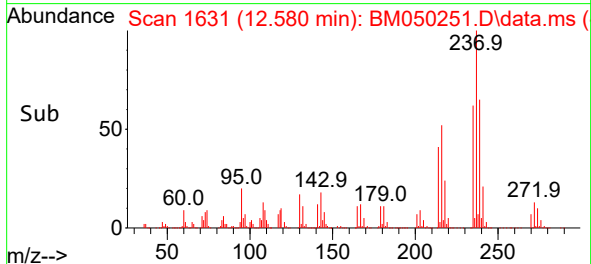
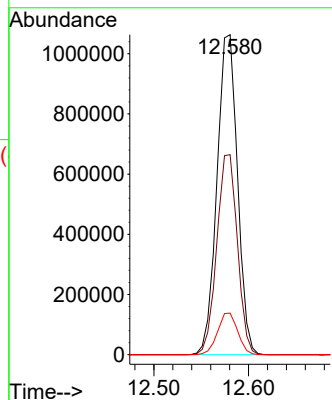
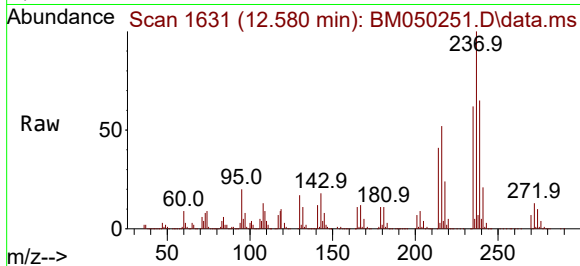




#41
Hexachlorocyclopentadiene
Concen: 109.354 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

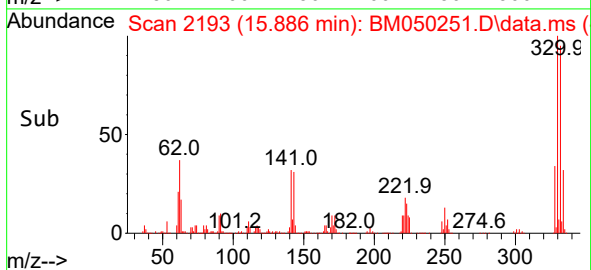
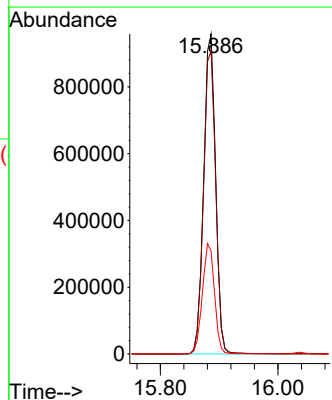
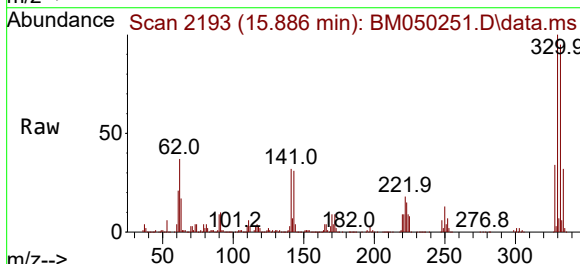
Instrument :
BNA_M
ClientSampleId :

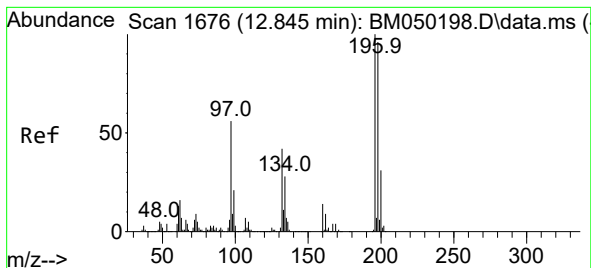
Tgt Ion:237 Resp: 1602258
Ion Ratio Lower Upper
237 100
235 62.5 44.6 84.6
272 13.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 143.063 ng
RT: 15.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:330 Resp: 1359589
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 34.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 53.140 ng

RT: 12.827 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

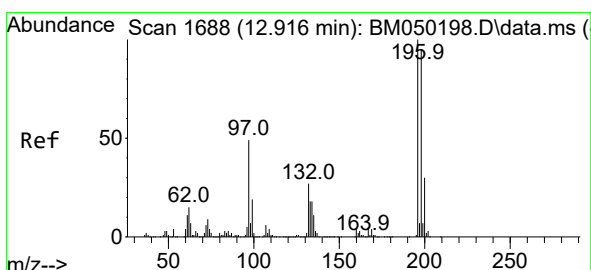
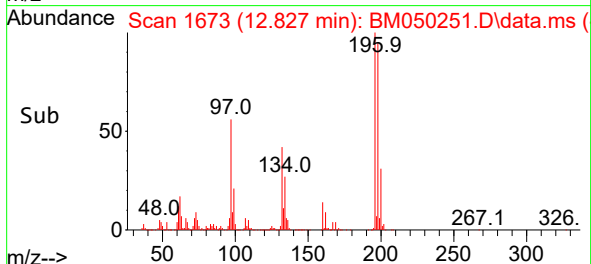
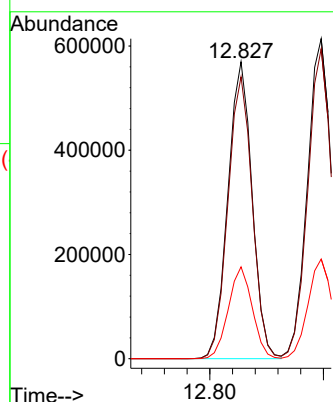
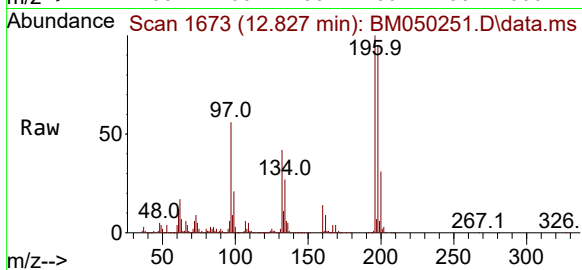
Tgt Ion:196 Resp: 843116

Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 52.647 ng

RT: 12.898 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Tgt Ion:196 Resp: 917115

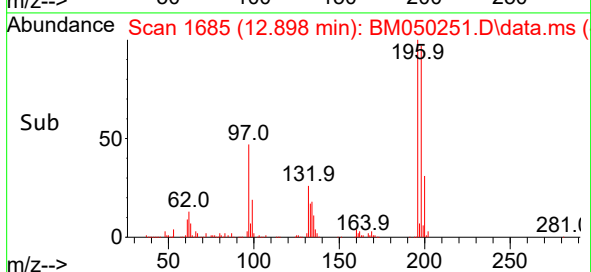
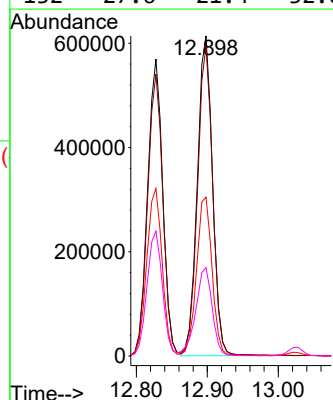
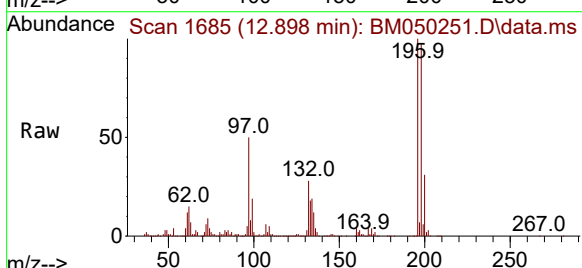
Ion Ratio Lower Upper

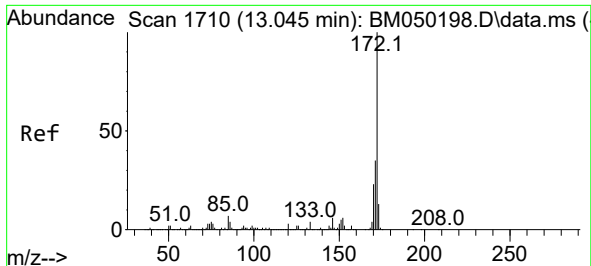
196 100

198 96.9 76.1 114.1

97 49.7 39.3 58.9

132 27.6 21.4 32.0

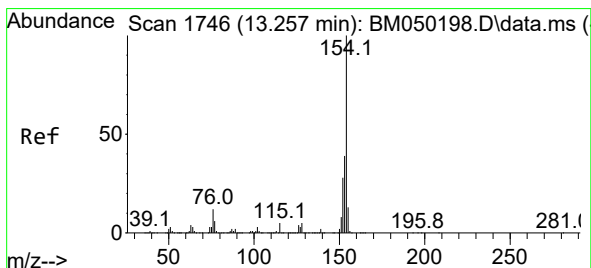
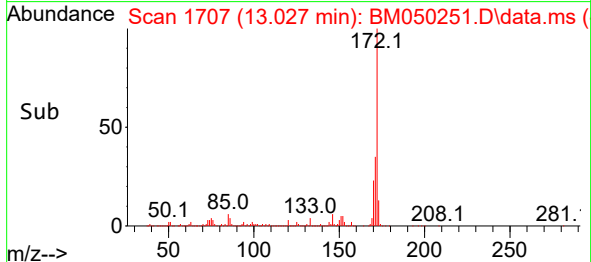
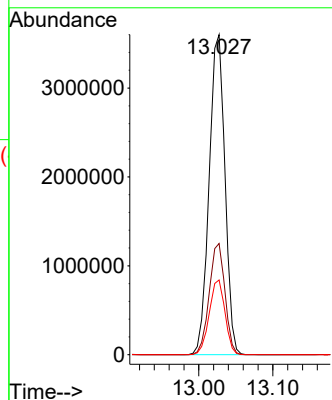
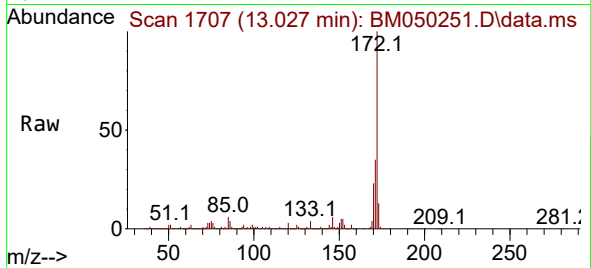




#45
2-Fluorobiphenyl
Concen: 86.339 ng
RT: 13.027 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

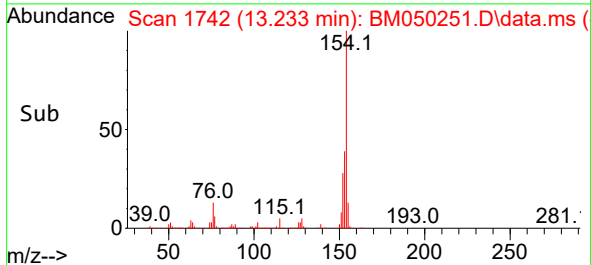
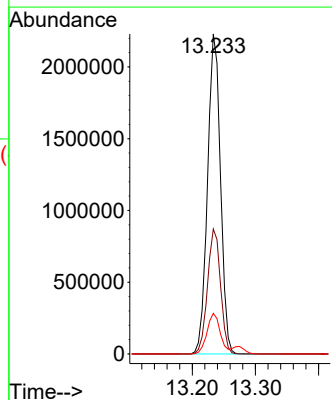
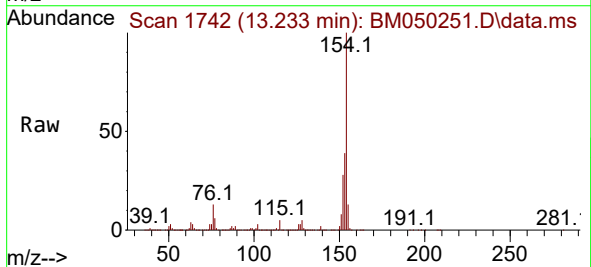
Instrument :
BNA_M
ClientSampleId :

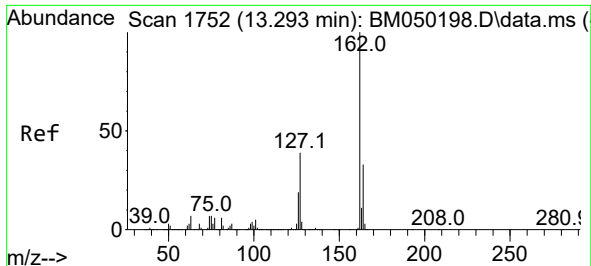
Tgt Ion:172 Resp: 5328381
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 50.703 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:154 Resp: 3172114
Ion Ratio Lower Upper
154 100
153 39.1 19.2 59.2
76 12.7 0.0 32.0

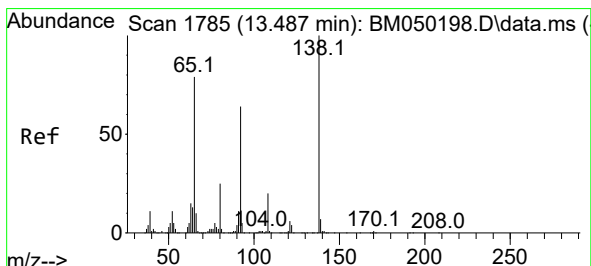
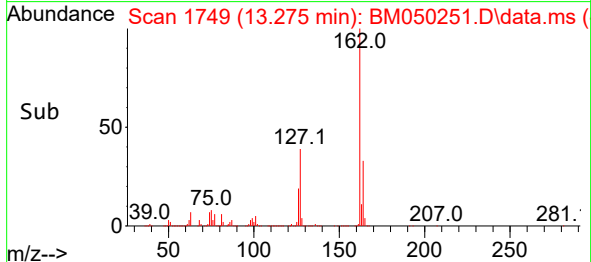
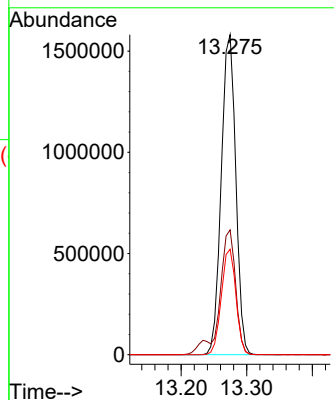
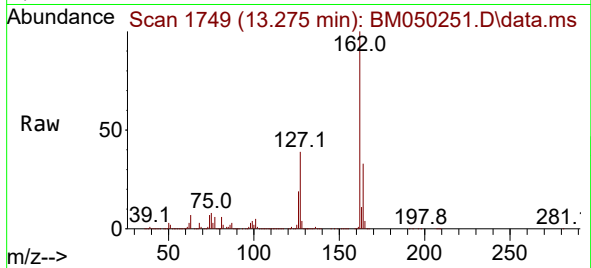




#47
2-Chloronaphthalene
Concen: 49.788 ng
RT: 13.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

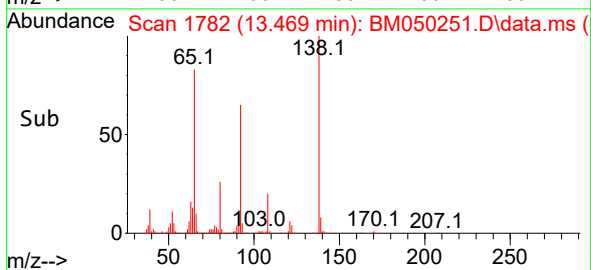
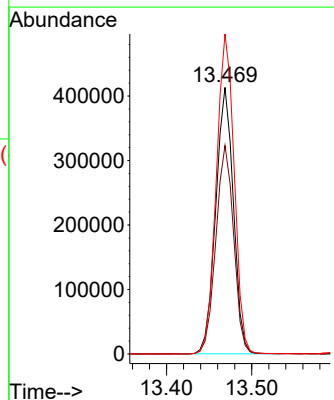
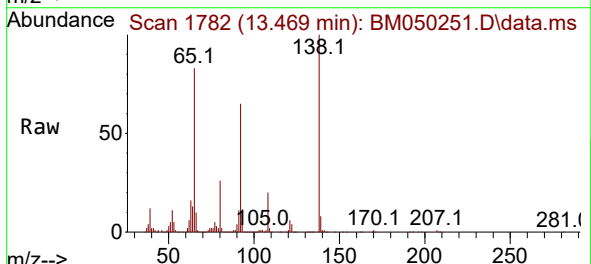
Instrument :
BNA_M
ClientSampleId :

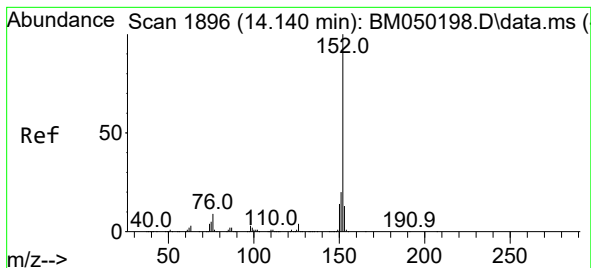
Tgt Ion:162 Resp: 2421623
Ion Ratio Lower Upper
162 100
127 39.0 31.1 46.7
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 55.620 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion: 65 Resp: 595329
Ion Ratio Lower Upper
65 100
92 78.2 64.2 96.4
138 120.0 101.0 151.4





#49

Acenaphthylene

Concen: 50.430 ng

RT: 14.122 min Scan# 1893

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

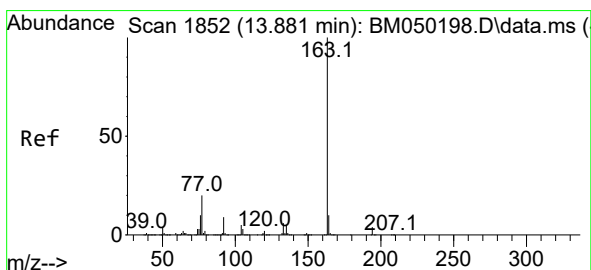
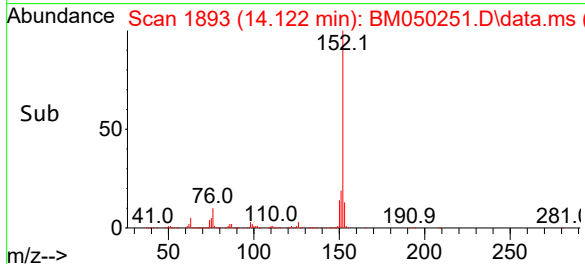
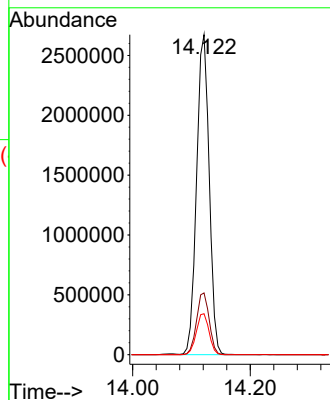
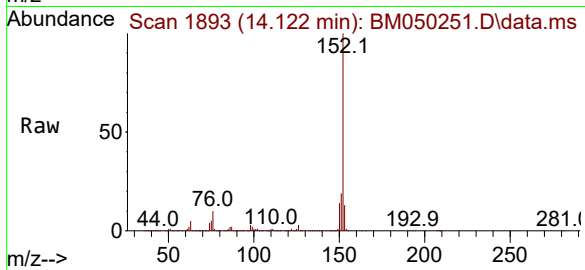
Tgt Ion:152 Resp: 3967313

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 50.422 ng

RT: 13.863 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

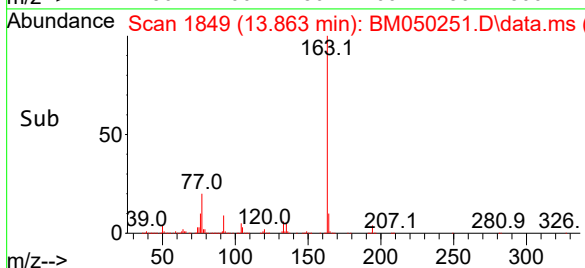
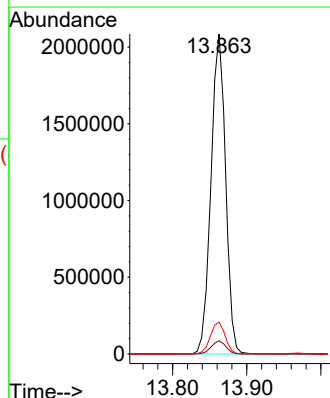
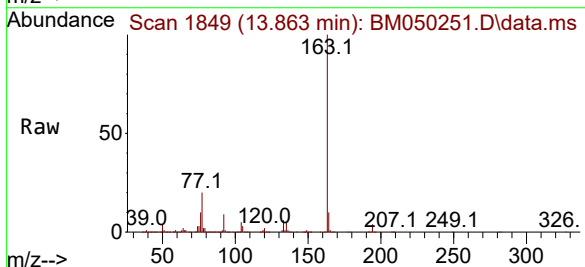
Tgt Ion:163 Resp: 2849131

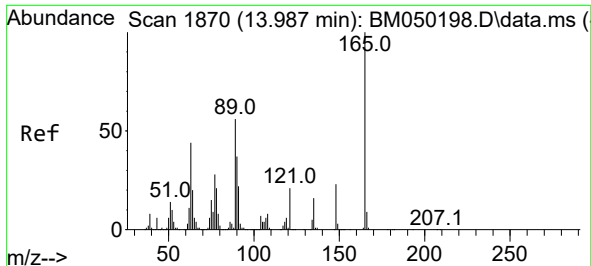
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.9 11.9

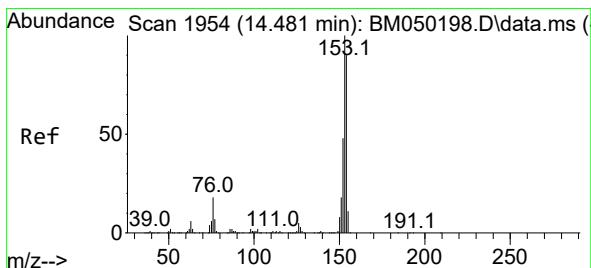
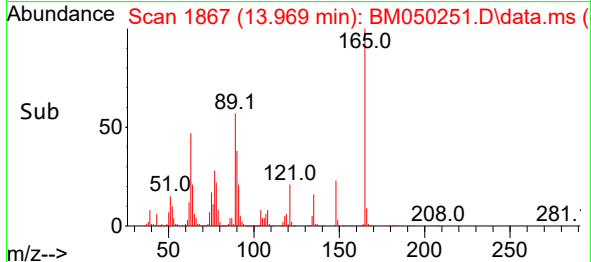
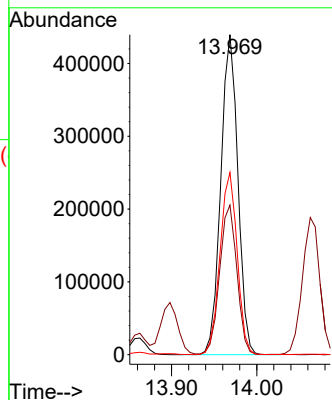
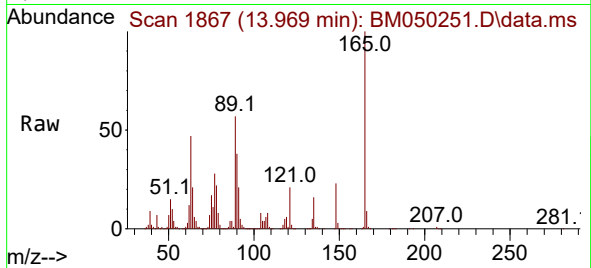




#51
2,6-Dinitrotoluene
Concen: 53.767 ng
RT: 13.969 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

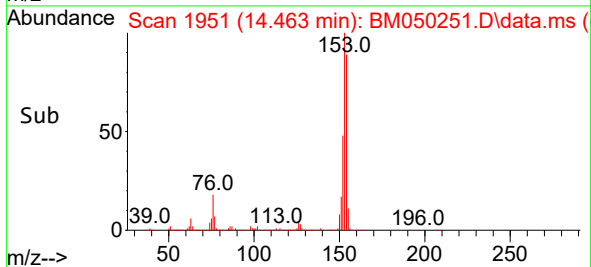
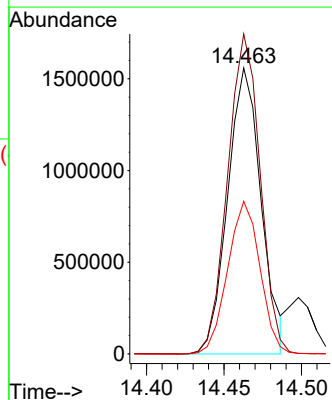
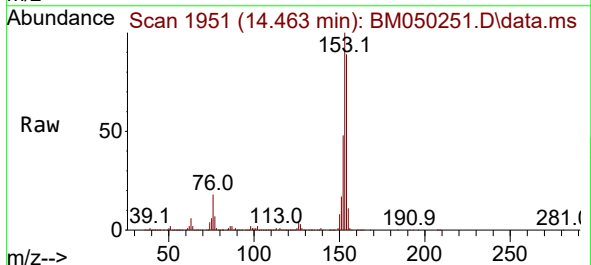
Instrument :
BNA_M
ClientSampleId :

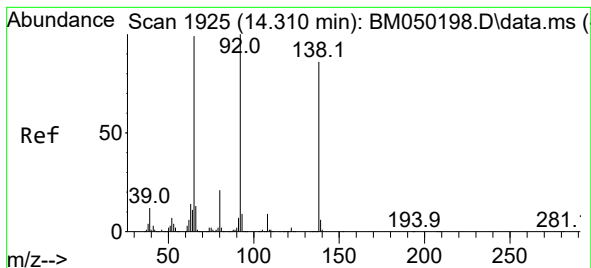
Tgt Ion:165 Resp: 612698
Ion Ratio Lower Upper
165 100
63 46.7 35.8 53.6
89 56.9 44.8 67.2



#52
Acenaphthene
Concen: 47.456 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:154 Resp: 2335159
Ion Ratio Lower Upper
154 100
153 111.9 88.7 133.1
152 53.3 42.6 63.8

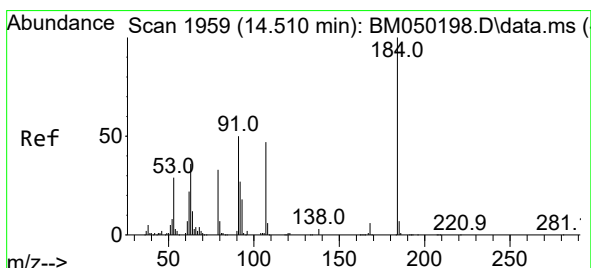
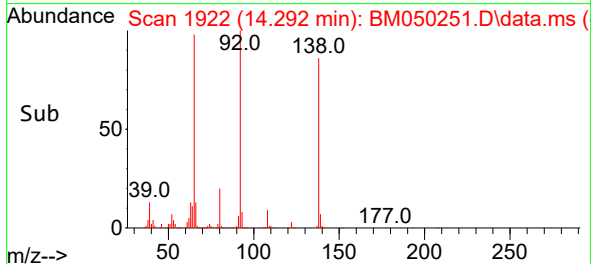
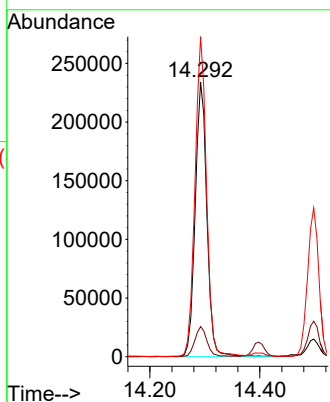
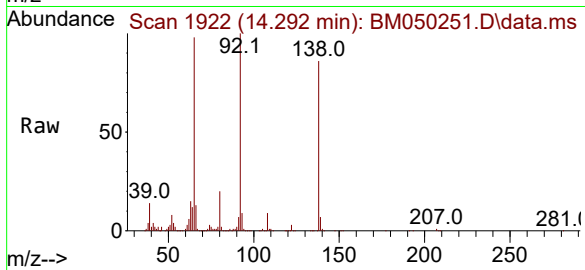




#53
3-Nitroaniline
Concen: 27.141 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

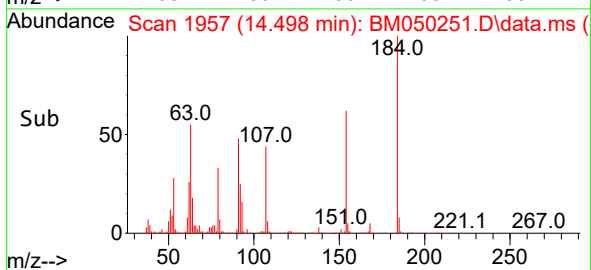
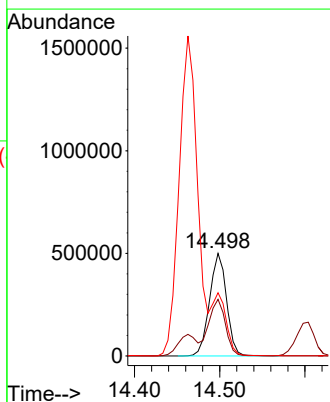
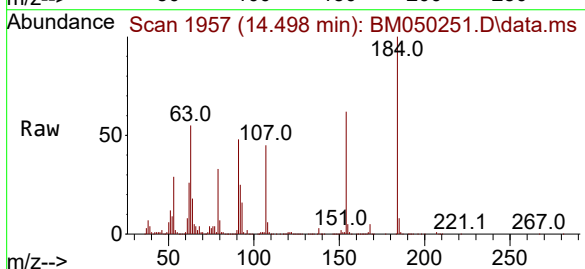
Instrument :
BNA_M
ClientSampleId :

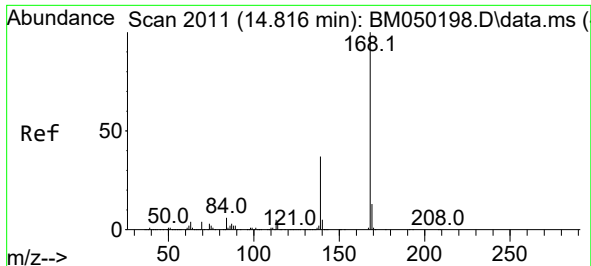
Tgt Ion:138 Resp: 344695
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 116.5 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 109.274 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:184 Resp: 691966
Ion Ratio Lower Upper
184 100
63 55.2 45.3 67.9
154 61.6 54.3 81.5

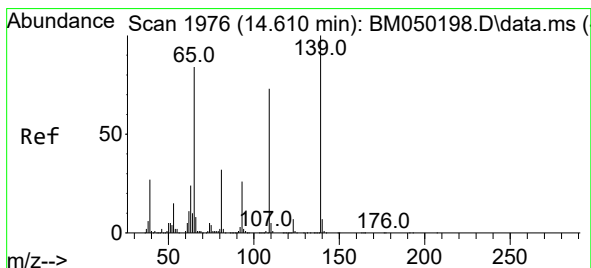
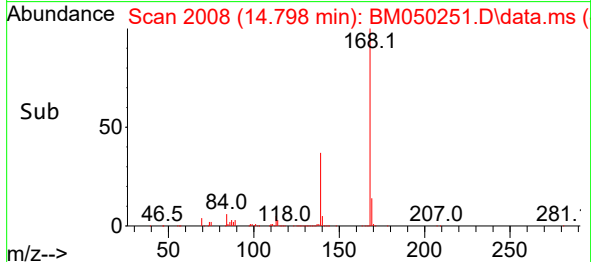
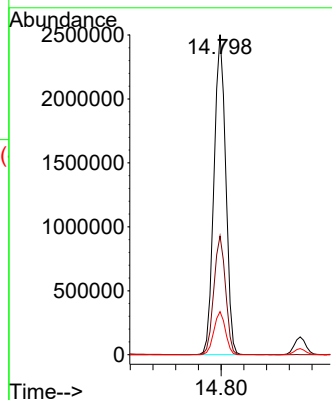
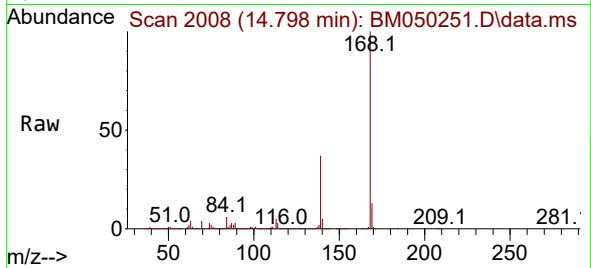




#55
Dibenzofuran
Concen: 49.666 ng
RT: 14.798 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

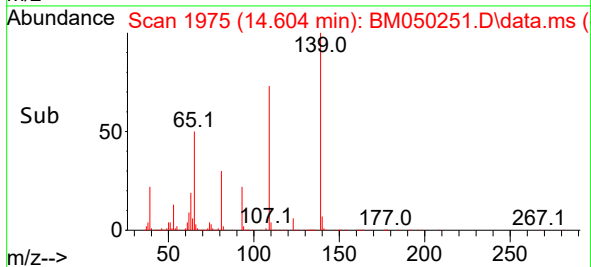
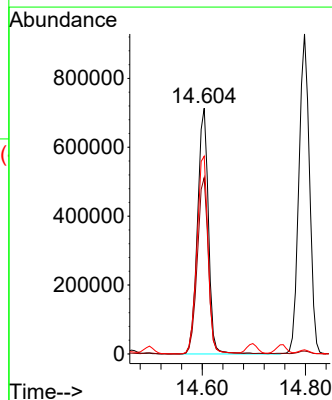
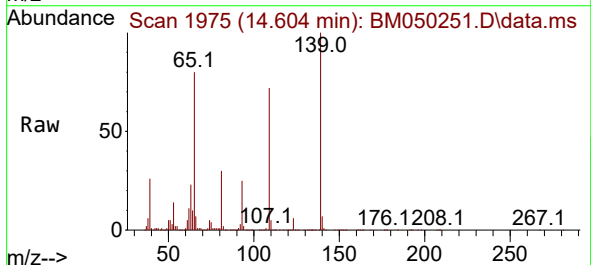
Instrument :
BNA_M
ClientSampleId :

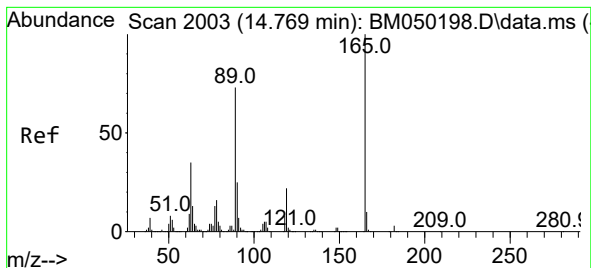
Tgt Ion:168 Resp: 3575384
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 96.935 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:139 Resp: 1047823
Ion Ratio Lower Upper
139 100
109 71.7 52.6 92.6
65 80.5 64.3 104.3

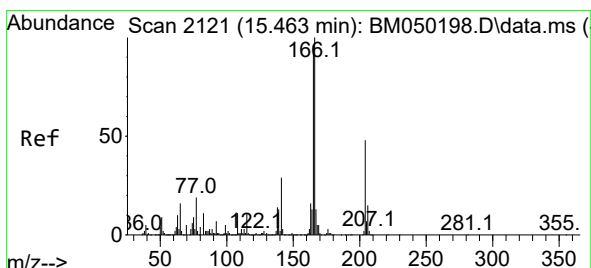
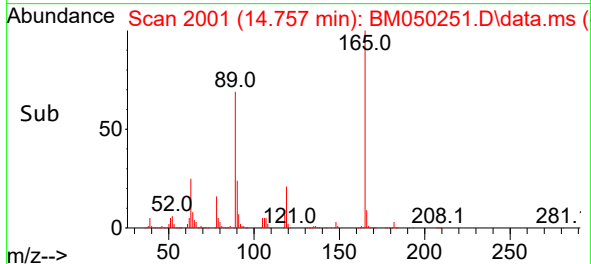
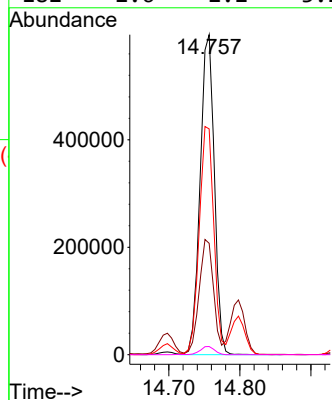
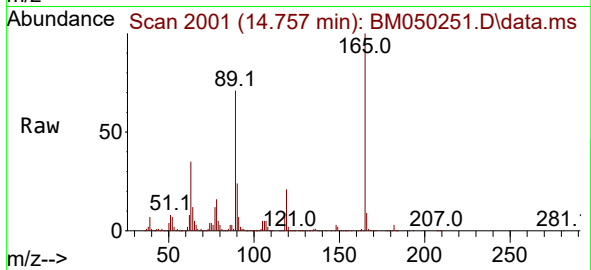




#57
2,4-Dinitrotoluene
Concen: 55.251 ng
RT: 14.757 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

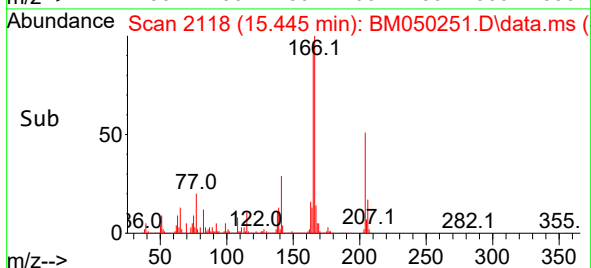
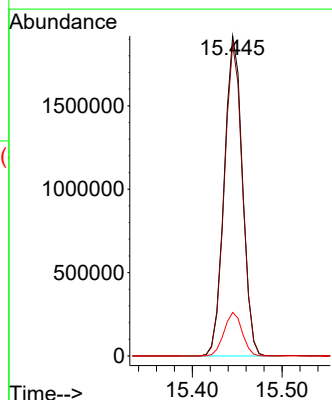
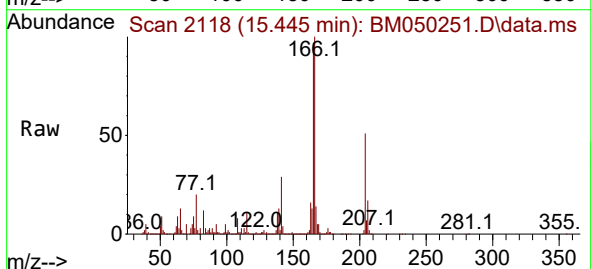
Instrument :
BNA_M
ClientSampleId :

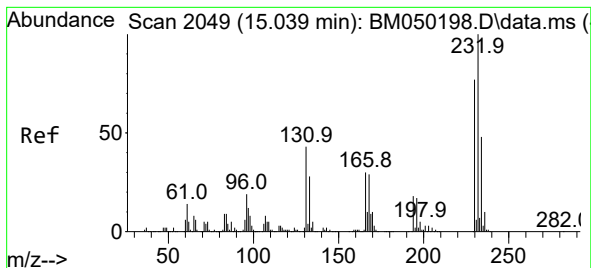
Tgt Ion:165 Resp: 830530
Ion Ratio Lower Upper
165 100
63 34.8 28.4 42.6
89 70.6 58.0 87.0
182 2.6 2.2 3.2



#58
Fluorene
Concen: 49.014 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

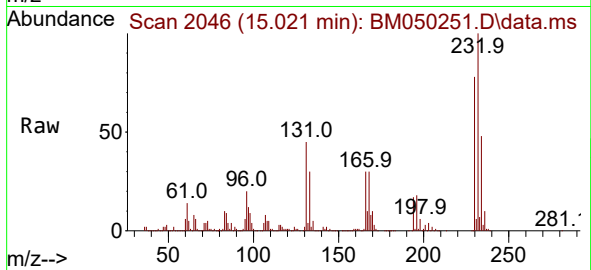
Tgt Ion:166 Resp: 2702504
Ion Ratio Lower Upper
166 100
165 97.5 77.0 115.4
167 13.6 10.7 16.1



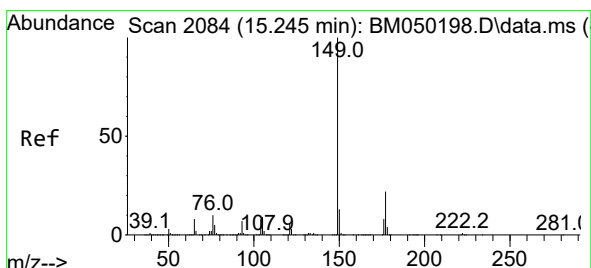
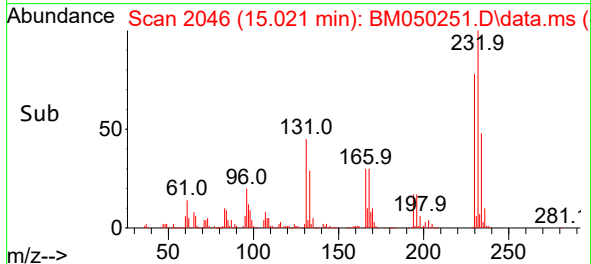
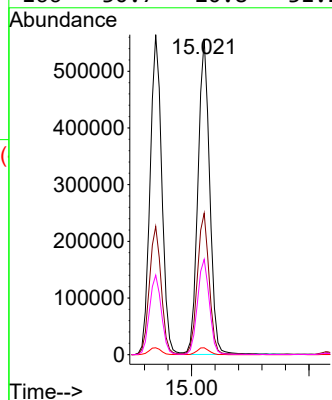


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.081 ng
RT: 15.021 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Instrument :
BNA_M
ClientSampleId :

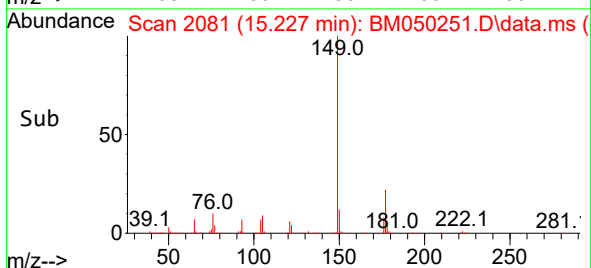
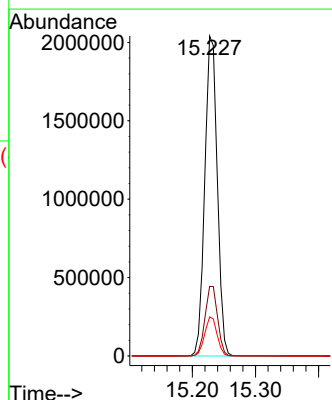
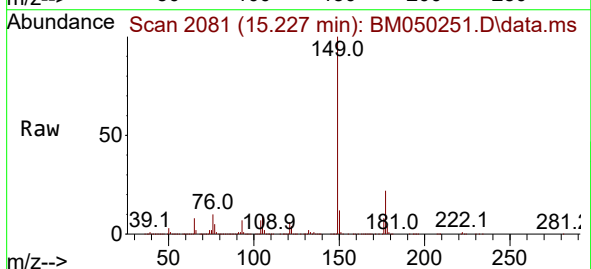


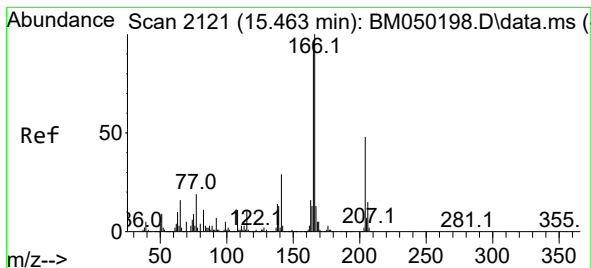
Tgt Ion:232 Resp: 769866
Ion Ratio Lower Upper
232 100
131 44.9 32.9 49.3
130 2.3 1.8 2.8
166 30.7 20.8 31.2



#60
Diethylphthalate
Concen: 49.900 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:149 Resp: 2797659
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.2 10.0 15.0

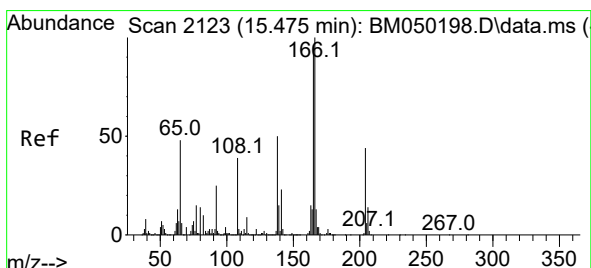
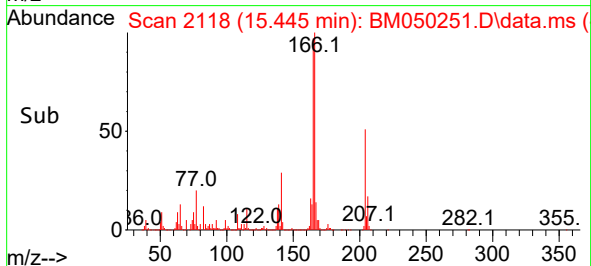
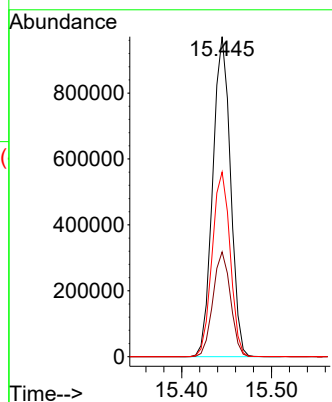
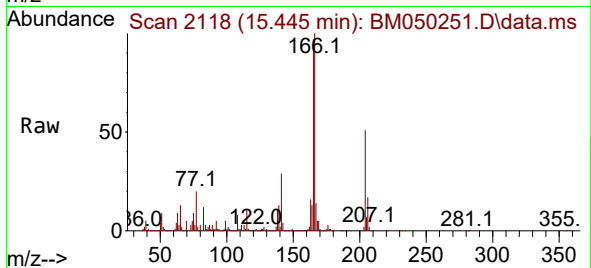




#61
4-Chlorophenyl-phenylether
Concen: 50.026 ng
RT: 15.445 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

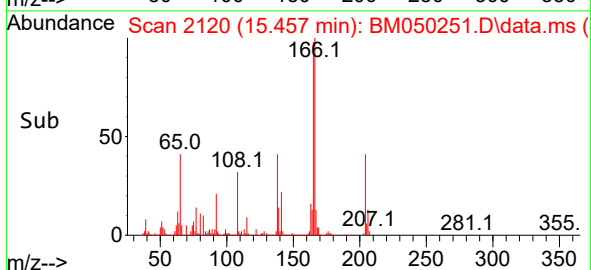
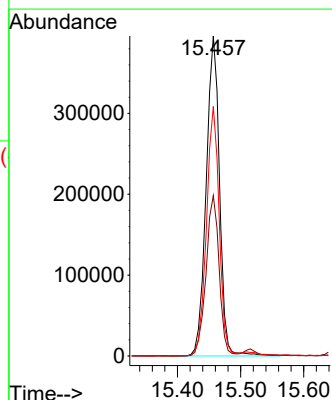
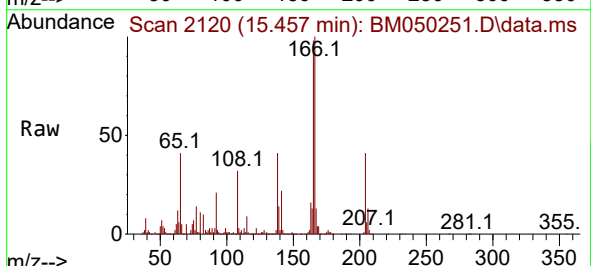
Instrument :
BNA_M
ClientSampleId :

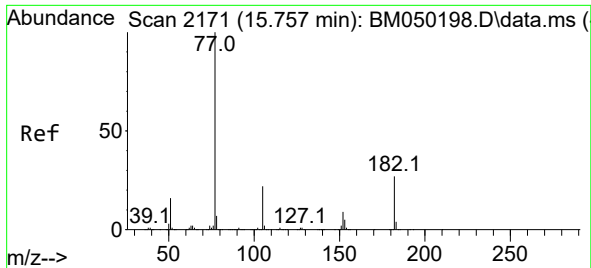
Tgt Ion:204 Resp: 1333102
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 57.7 47.9 71.9



#62
4-Nitroaniline
Concen: 48.899 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:138 Resp: 582061
Ion Ratio Lower Upper
138 100
92 50.1 28.8 68.8
108 77.9 58.1 98.1

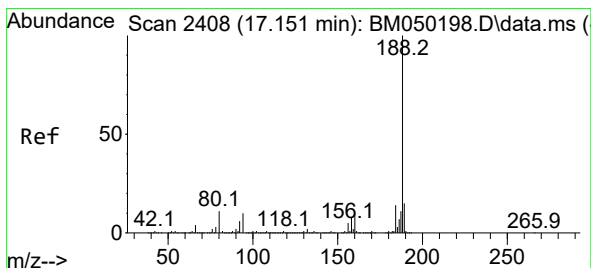
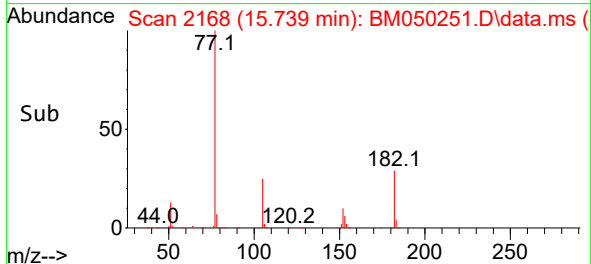
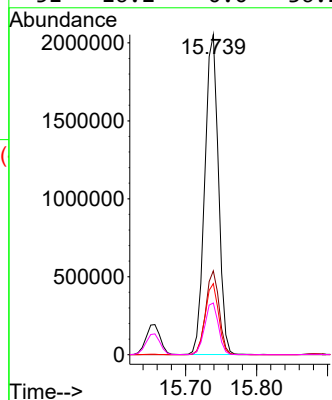
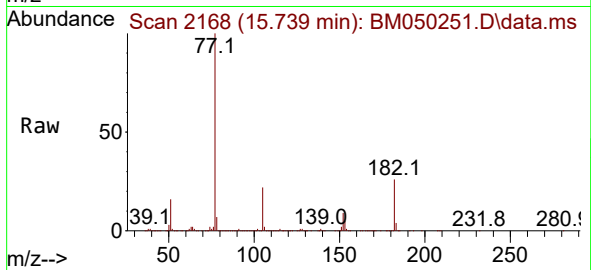




#63
Azobenzene
Concen: 48.962 ng
RT: 15.739 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

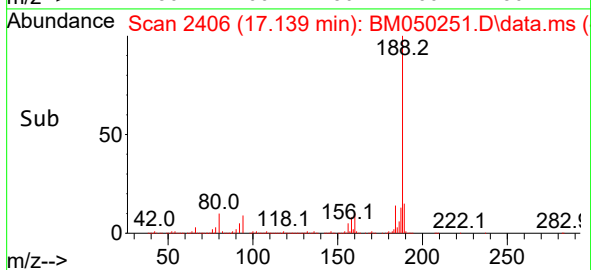
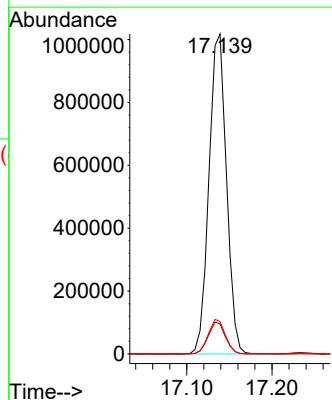
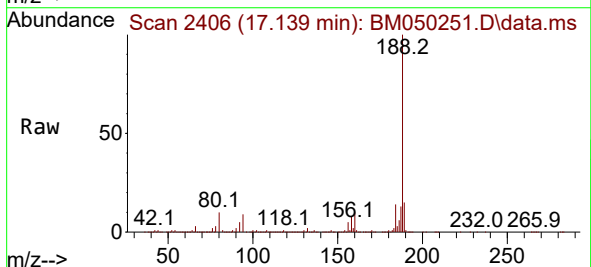
Instrument :
BNA_M
ClientSampleId :

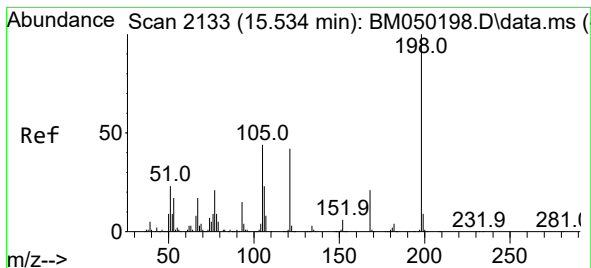
Tgt Ion: 77 Resp: 2743738
Ion Ratio Lower Upper
77 100
182 26.2 6.8 46.8
105 22.2 1.7 41.7
51 16.2 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:188 Resp: 1452446
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.1 8.6 13.0

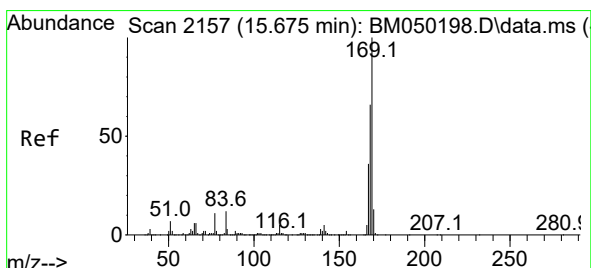
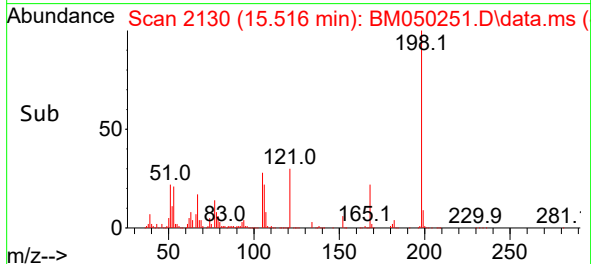
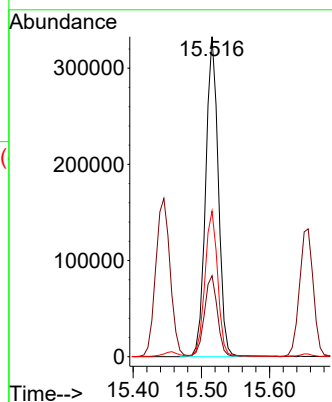
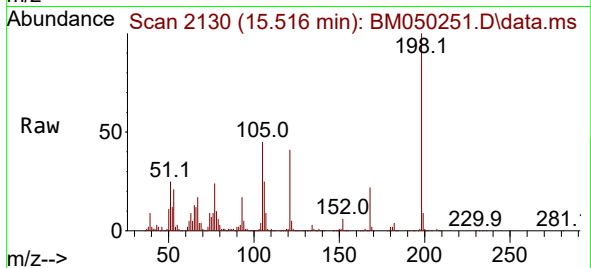




#65
4,6-Dinitro-2-methylphenol
Concen: 53.979 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

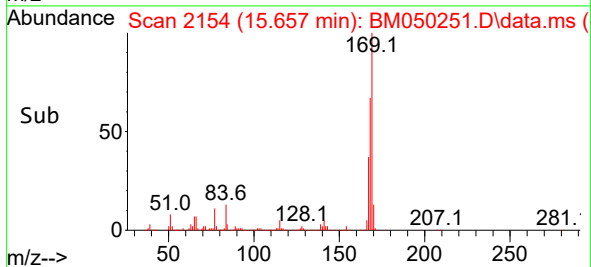
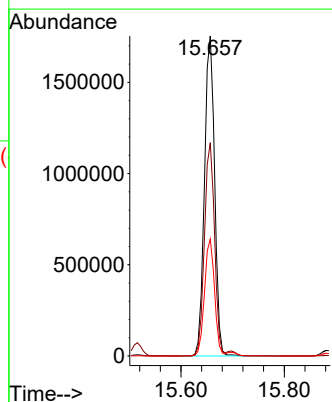
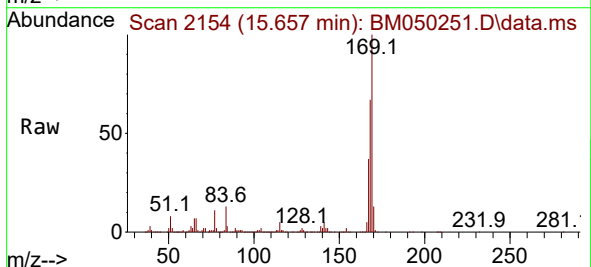
Instrument :
BNA_M
ClientSampleId :

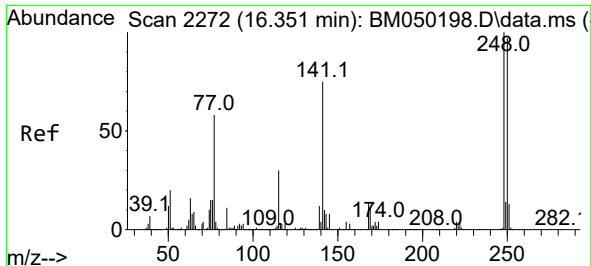
Tgt Ion:198 Resp: 428217
Ion Ratio Lower Upper
198 100
51 25.3 4.5 44.5
105 45.5 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 52.335 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

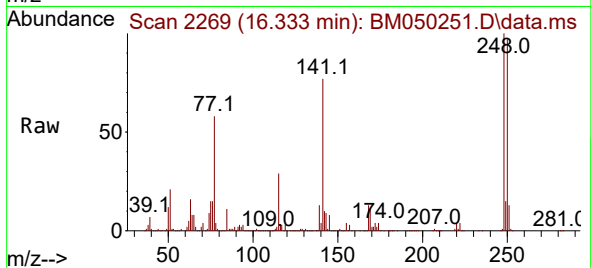
Tgt Ion:169 Resp: 2388396
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.5 29.0 43.6



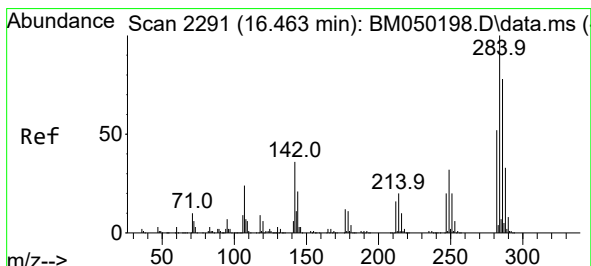
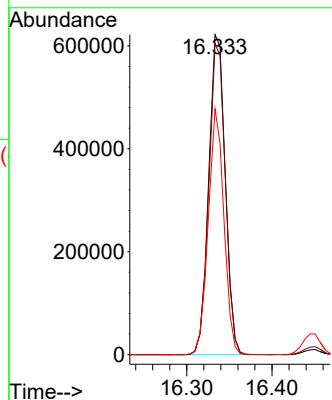
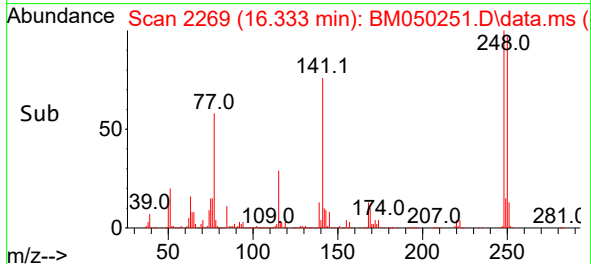


#67
4-Bromophenyl-phenylether
Concen: 54.132 ng
RT: 16.333 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Instrument :
BNA_M
ClientSampleId :

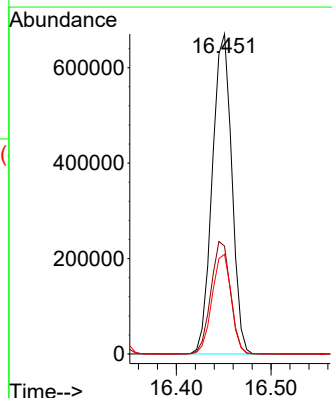
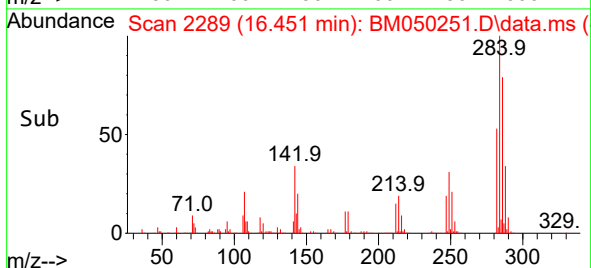
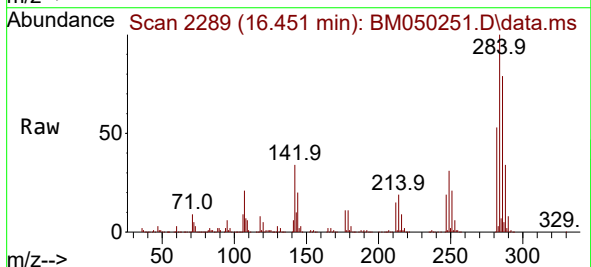


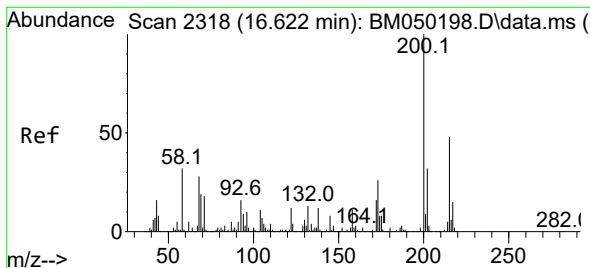
Tgt Ion:248 Resp: 838429
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 76.8 60.1 90.1



#68
Hexachlorobenzene
Concen: 52.893 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BM050251.D
Acq: 09 Jun 2025 20:58

Tgt Ion:284 Resp: 957173
Ion Ratio Lower Upper
284 100
142 33.7 28.8 43.2
249 31.1 25.8 38.6





#69

Atrazine

Concen: 54.691 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

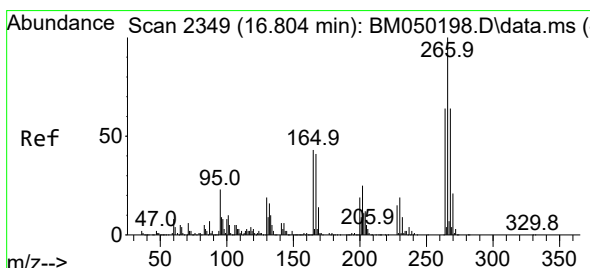
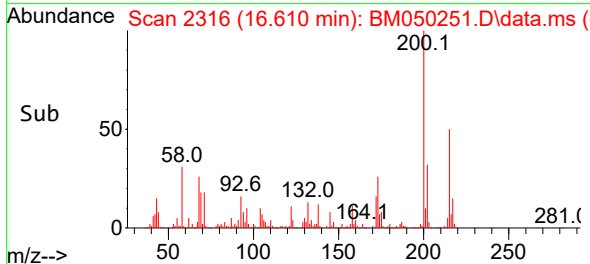
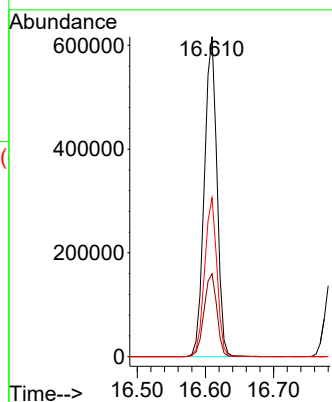
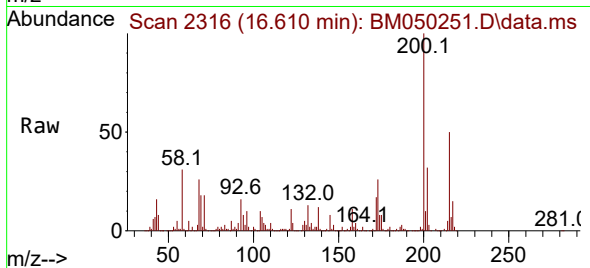
Tgt Ion:200 Resp: 795271

Ion Ratio Lower Upper

200 100

173 25.9 6.0 46.0

215 49.7 28.1 68.1



#70

Pentachlorophenol

Concen: 108.884 ng

RT: 16.786 min Scan# 2346

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

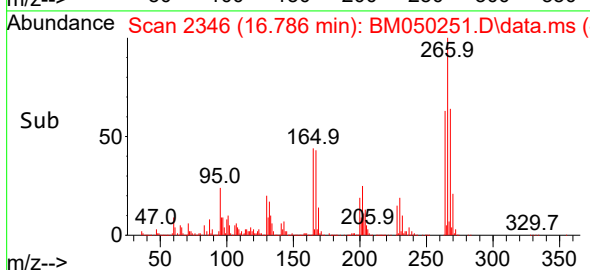
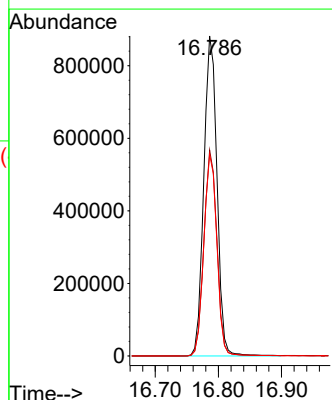
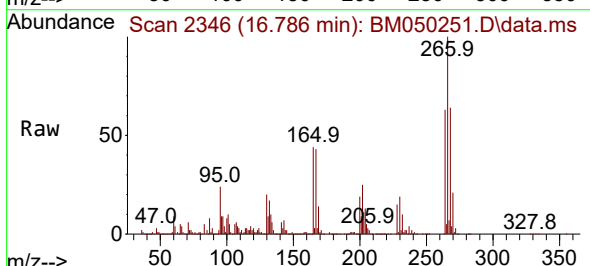
Tgt Ion:266 Resp: 1281055

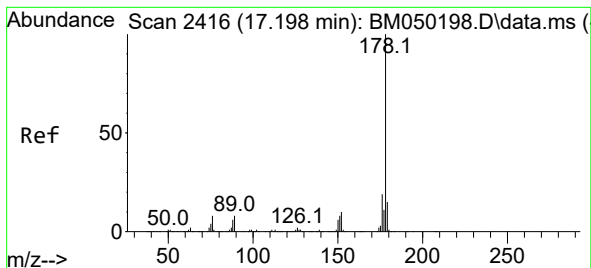
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

264 63.0 50.8 76.2





#71

Phenanthrene

Concen: 49.986 ng

RT: 17.180 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

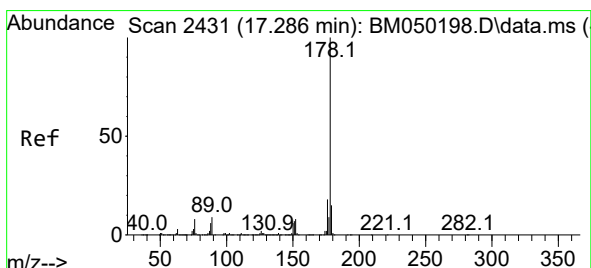
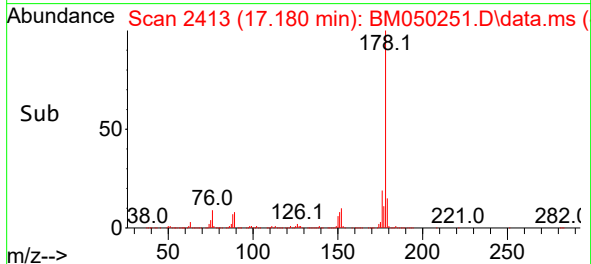
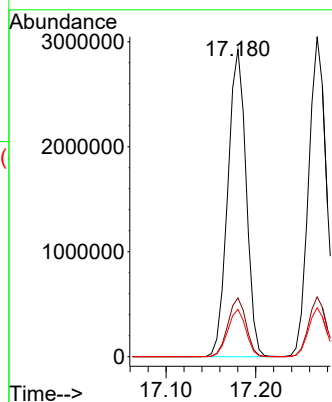
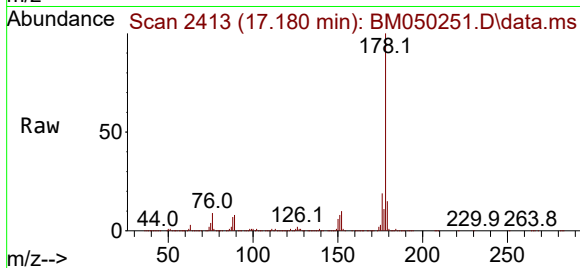
Tgt Ion:178 Resp: 4147484

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.4 12.3 18.5



#72

Anthracene

Concen: 50.737 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

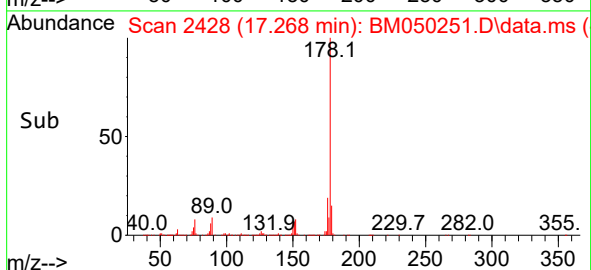
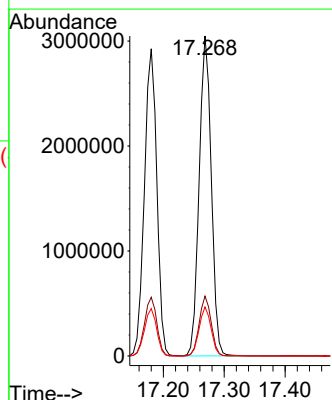
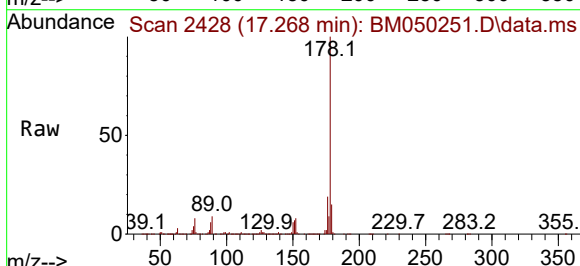
Tgt Ion:178 Resp: 4211491

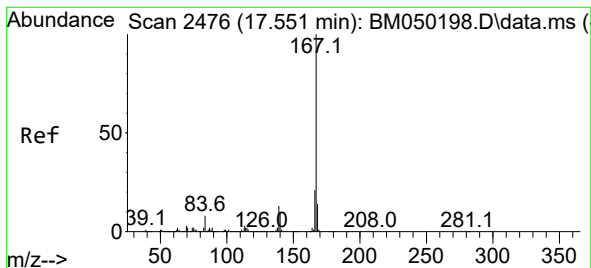
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.3 12.3 18.5





#73

Carbazole

Concen: 50.155 ng

RT: 17.533 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

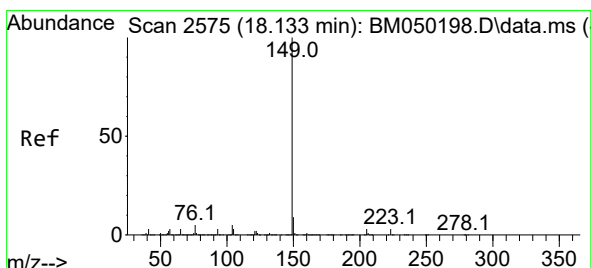
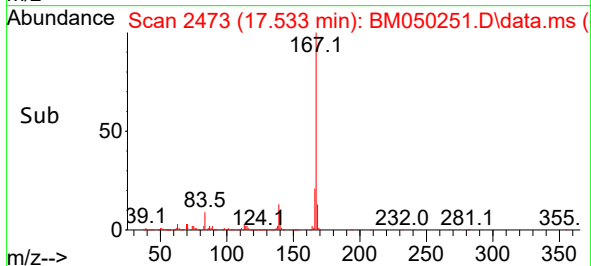
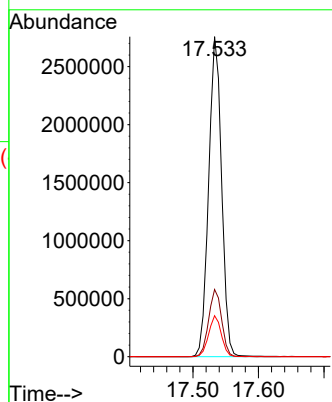
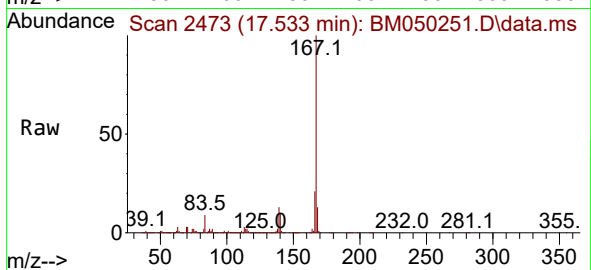
Tgt Ion:167 Resp: 3792742

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 54.471 ng

RT: 18.115 min Scan# 2572

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

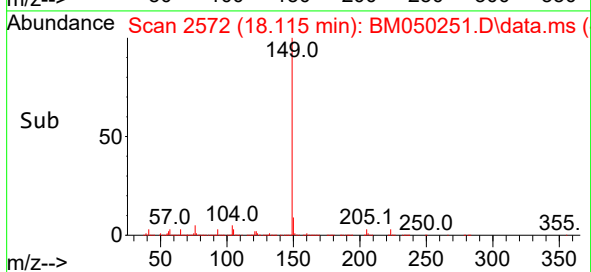
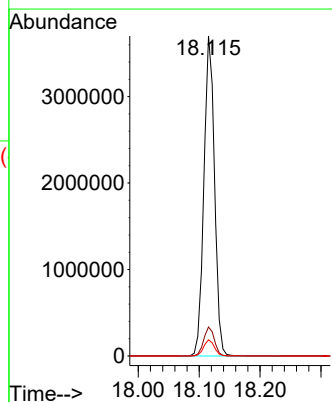
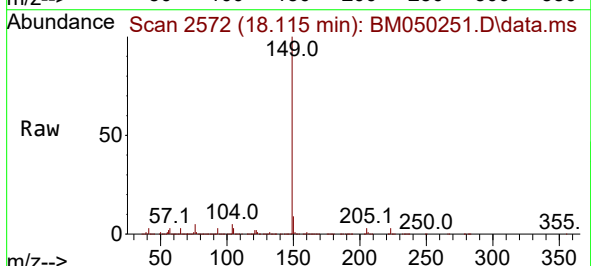
Tgt Ion:149 Resp: 4481884

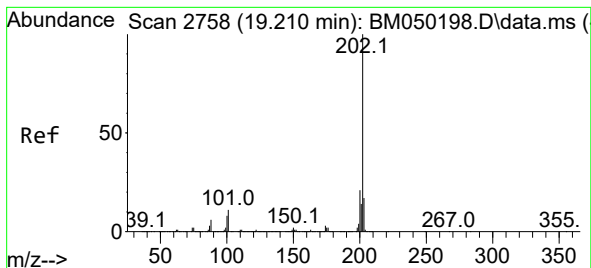
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 49.778 ng

RT: 19.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

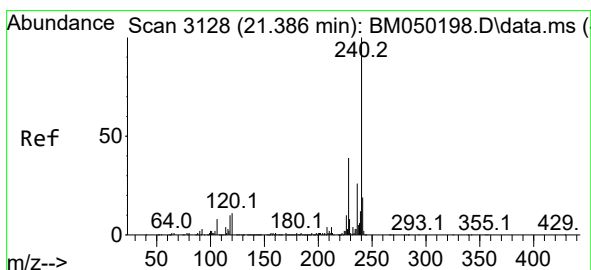
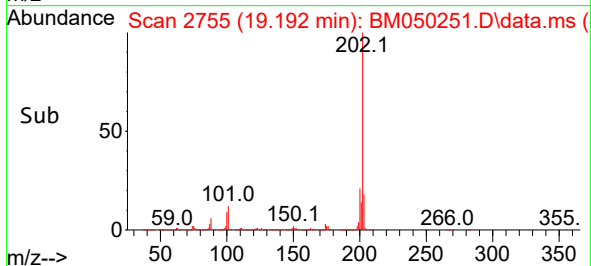
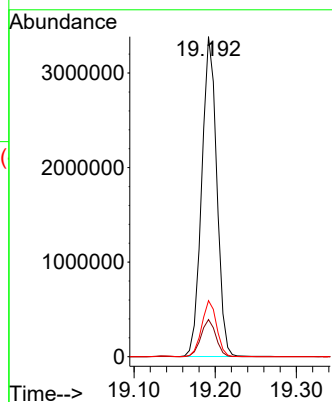
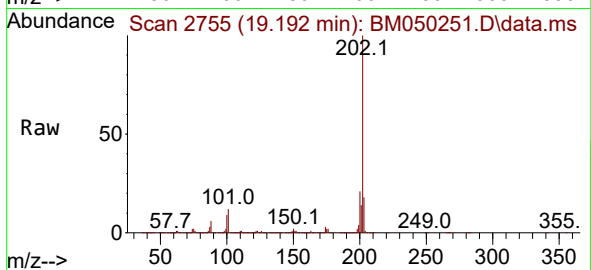
Tgt Ion:202 Resp: 4355639

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.1

203 17.5 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

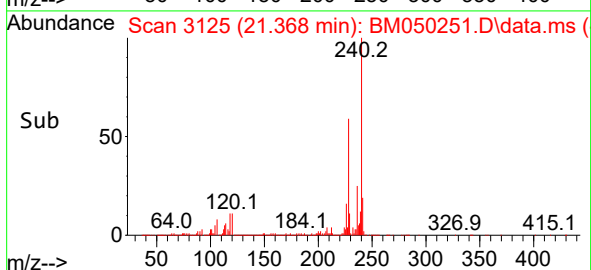
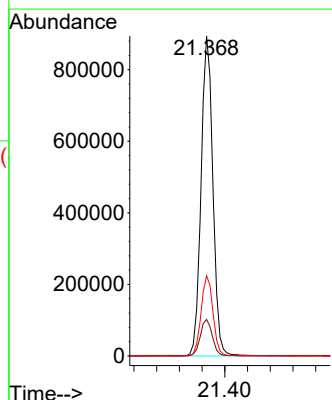
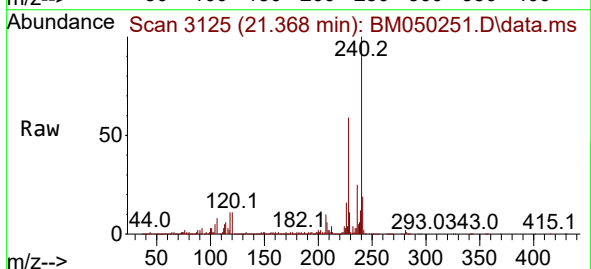
Tgt Ion:240 Resp: 1291557

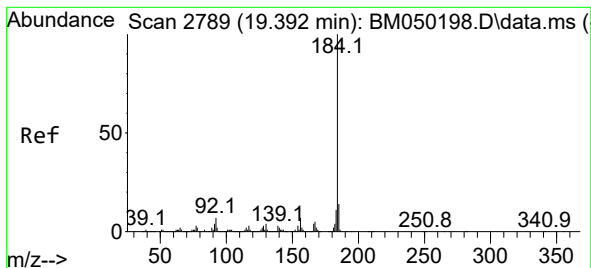
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.1 20.7 31.1





#77

Benzidine

Concen: 12.164 ng

RT: 19.374 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

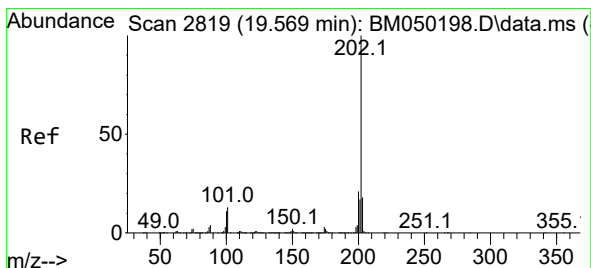
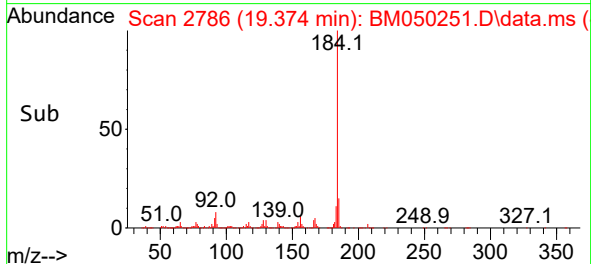
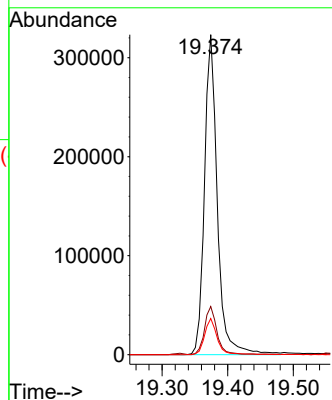
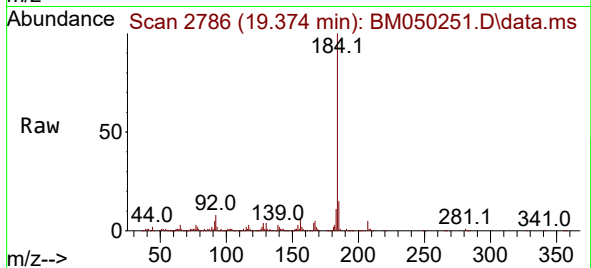
Tgt Ion:184 Resp: 441789

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 52.225 ng

RT: 19.556 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

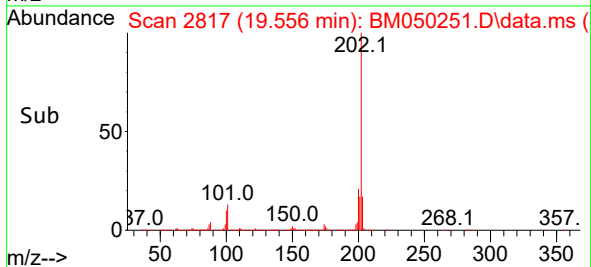
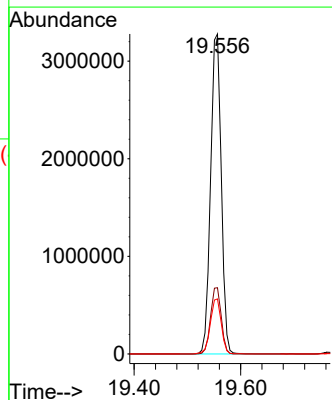
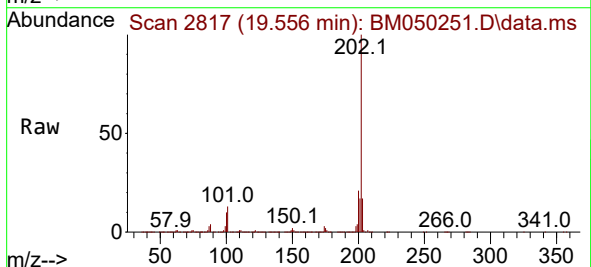
Tgt Ion:202 Resp: 4546225

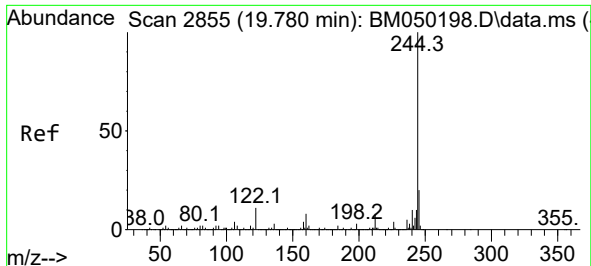
Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

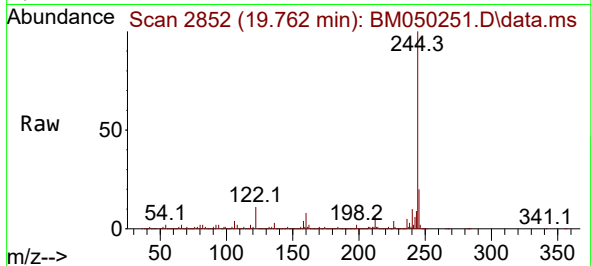
203 17.2 14.1 21.1



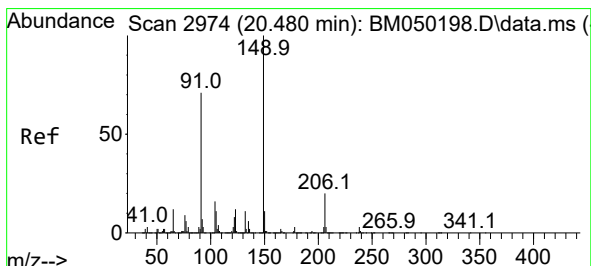
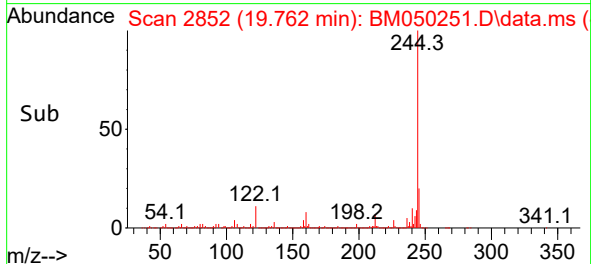
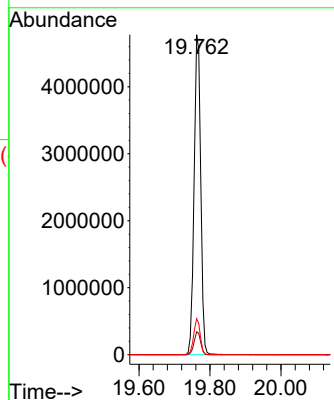


#79
 Terphenyl-d14
 Concen: 90.550 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050251.D
 Acq: 09 Jun 2025 20:58

Instrument :
 BNA_M
 ClientSampleId :

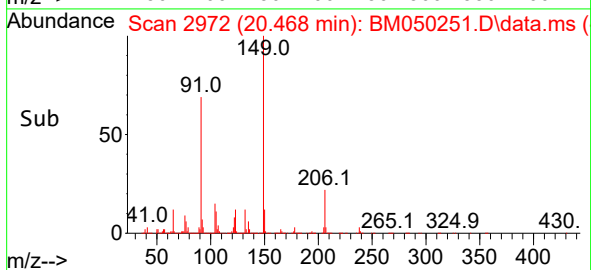
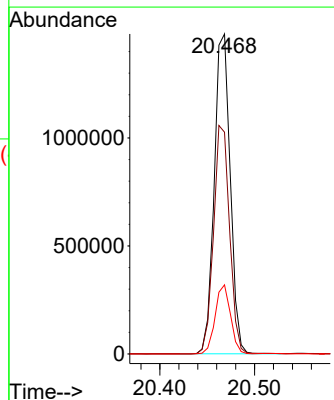
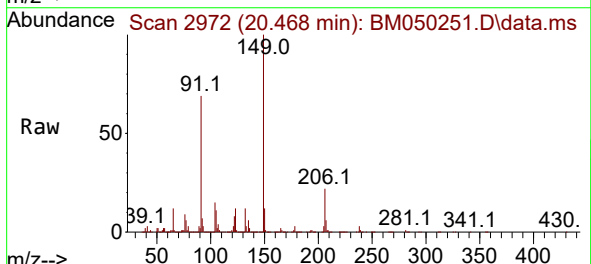


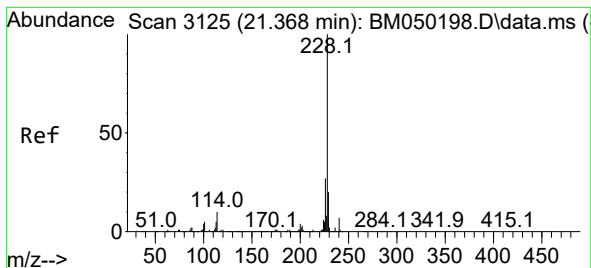
Tgt Ion:244 Resp: 6171435
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.3 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 59.759 ng
 RT: 20.468 min Scan# 2972
 Delta R.T. 0.000 min
 Lab File: BM050251.D
 Acq: 09 Jun 2025 20:58

Tgt Ion:149 Resp: 1735253
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.9 85.3
 206 21.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 50.976 ng

RT: 21.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

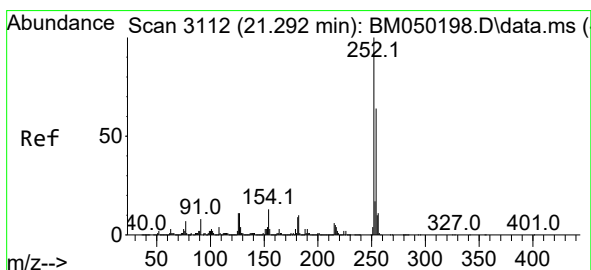
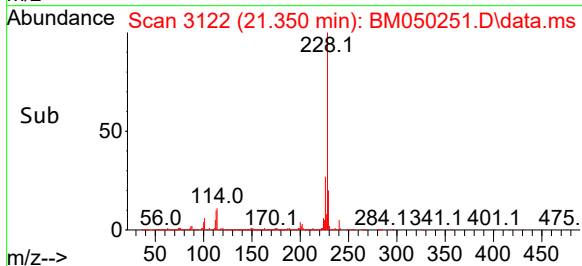
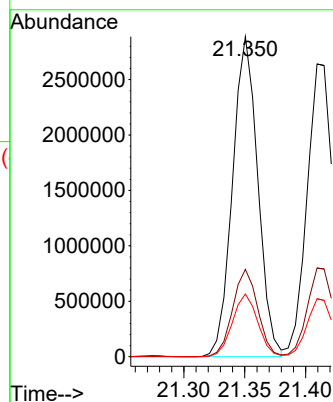
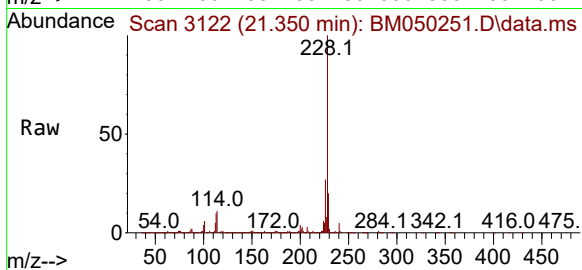
Tgt Ion:228 Resp: 4167289

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 33.172 ng

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

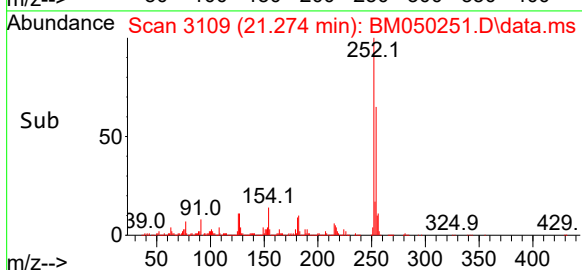
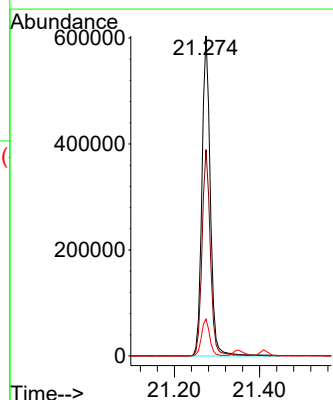
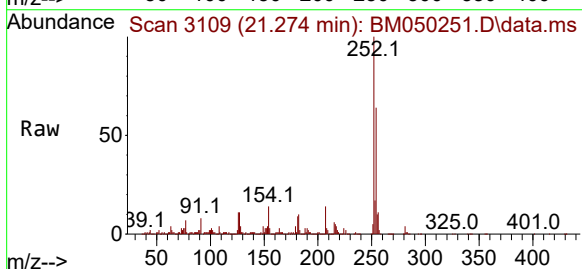
Tgt Ion:252 Resp: 826974

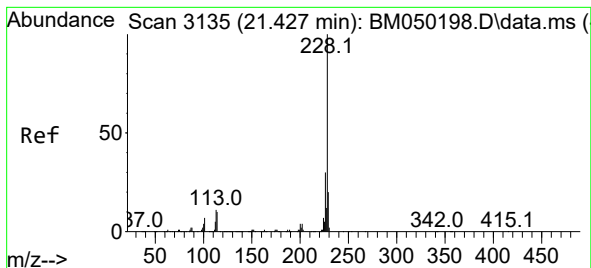
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 11.5 8.6 12.8





#83

Chrysene

Concen: 51.200 ng

RT: 21.409 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

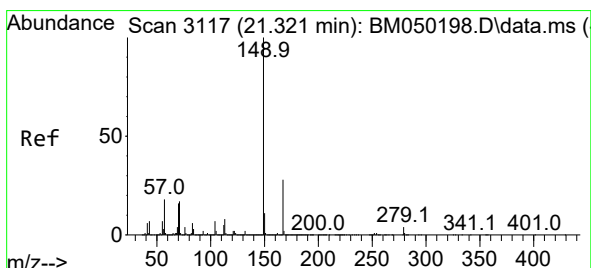
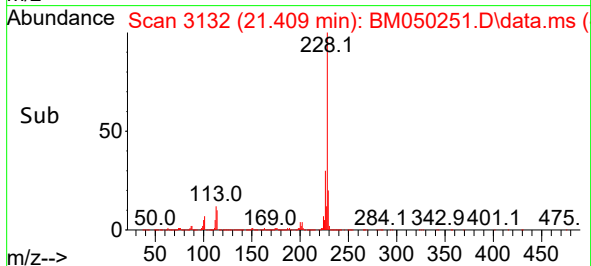
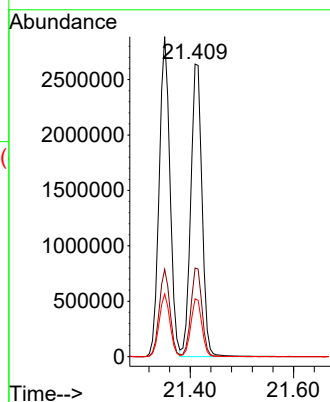
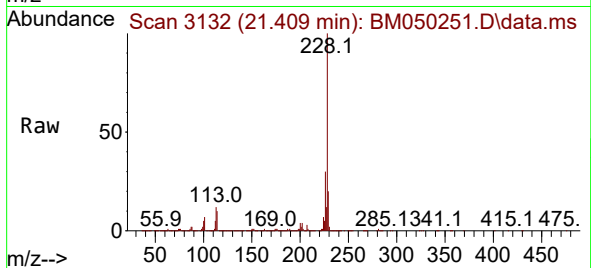
Tgt Ion:228 Resp: 3981460

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.532 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

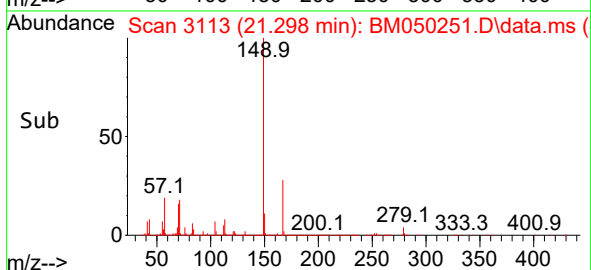
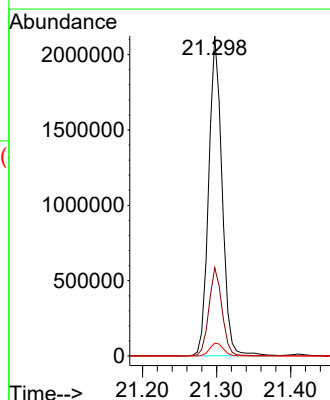
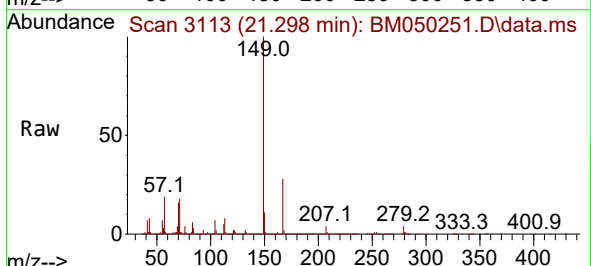
Tgt Ion:149 Resp: 2662705

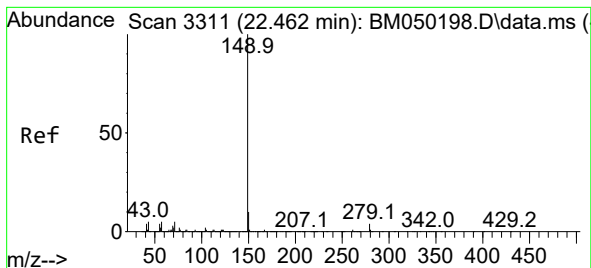
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.247 ng

RT: 22.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

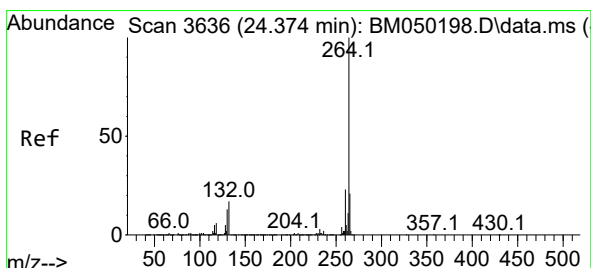
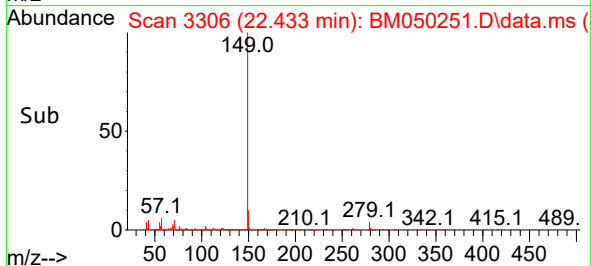
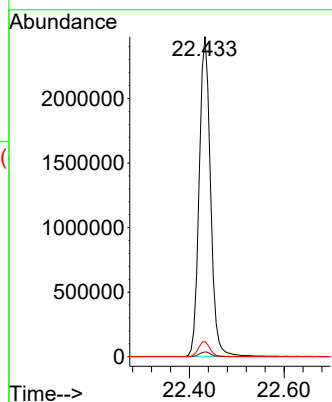
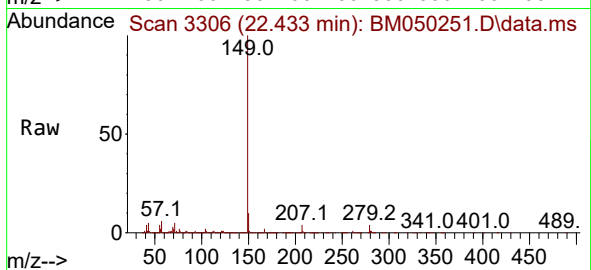
Tgt Ion:149 Resp: 4131361

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 4.8 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.344 min Scan# 3631

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

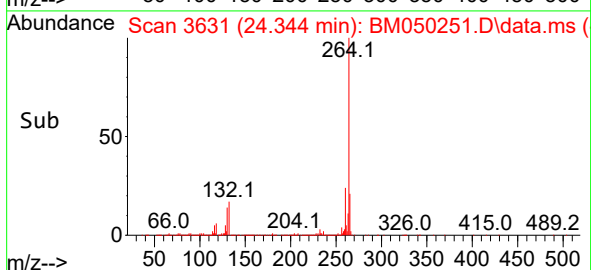
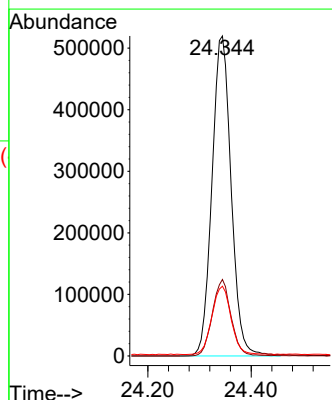
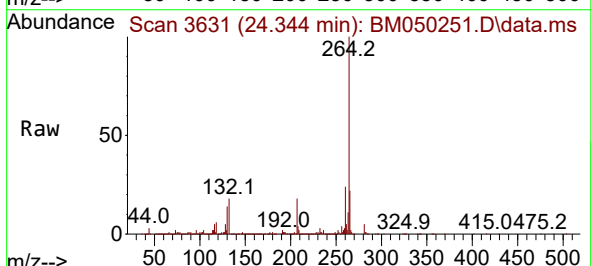
Tgt Ion:264 Resp: 1337173

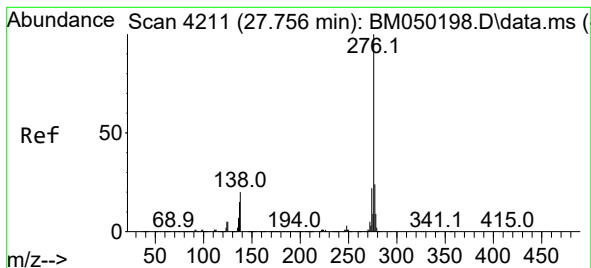
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.8 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.218 ng

RT: 27.703 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

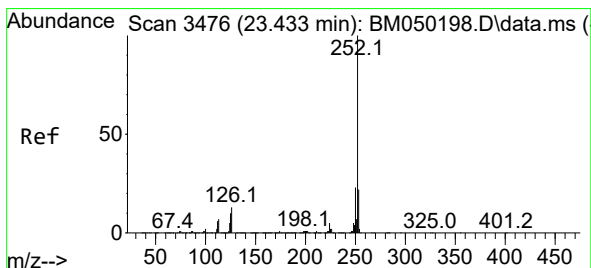
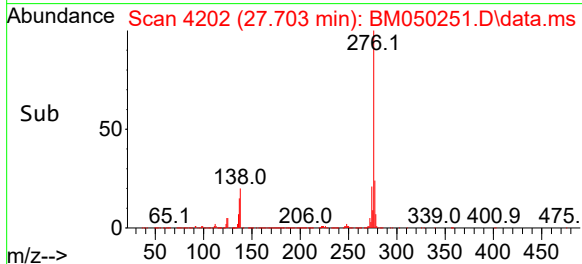
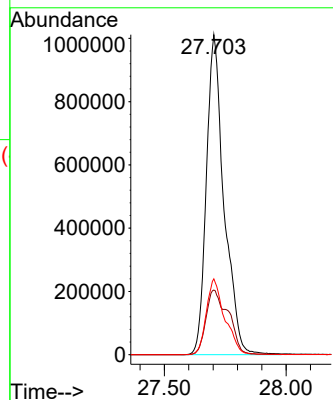
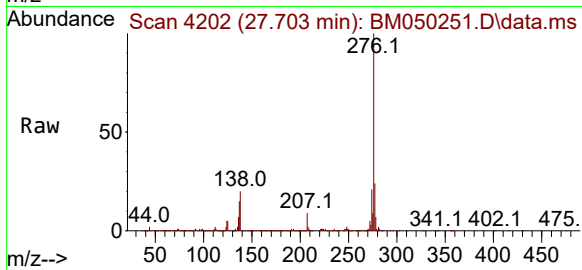
Tgt Ion:276 Resp: 5098501

Ion Ratio Lower Upper

276 100

138 25.7 20.6 30.8

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 52.083 ng

RT: 23.409 min Scan# 3472

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

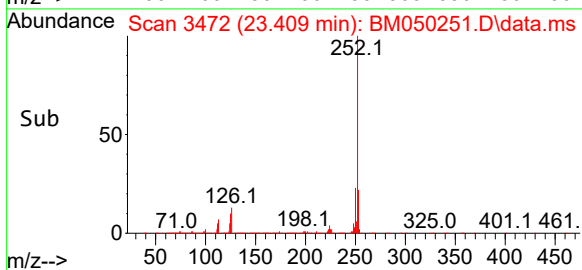
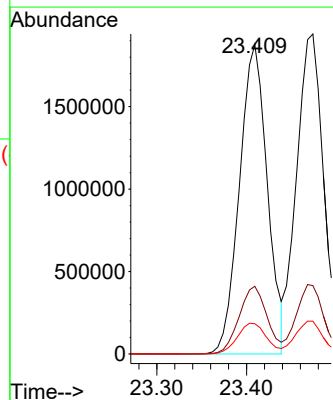
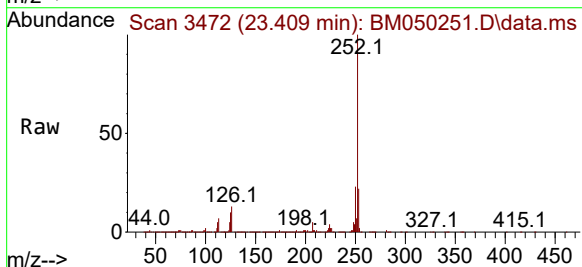
Tgt Ion:252 Resp: 4049157

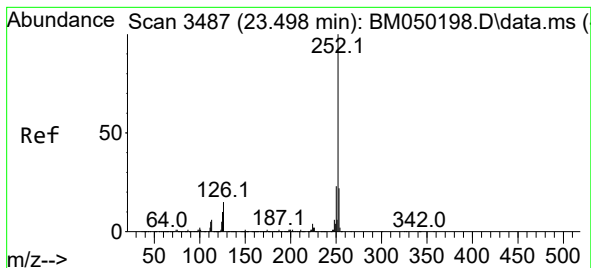
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 51.744 ng

RT: 23.474 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

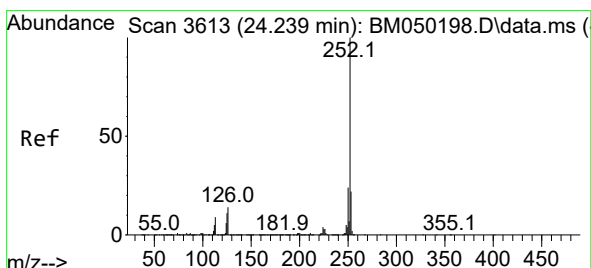
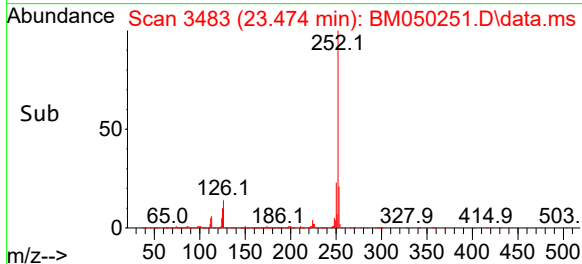
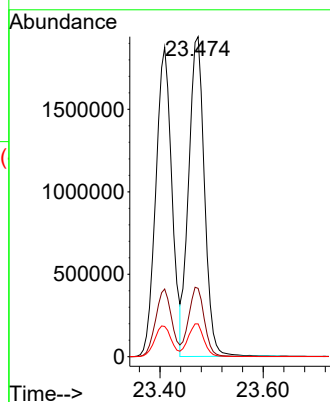
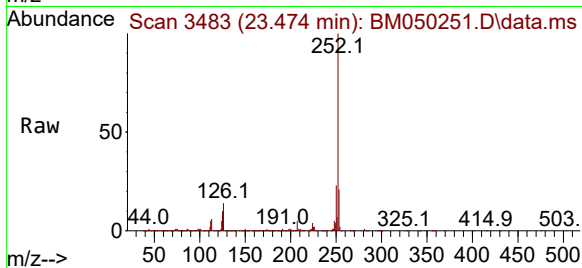
Tgt Ion:252 Resp: 4106648

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 53.567 ng

RT: 24.203 min Scan# 3607

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

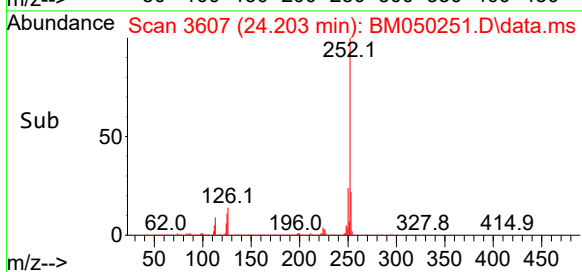
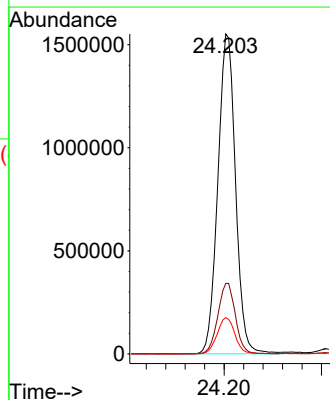
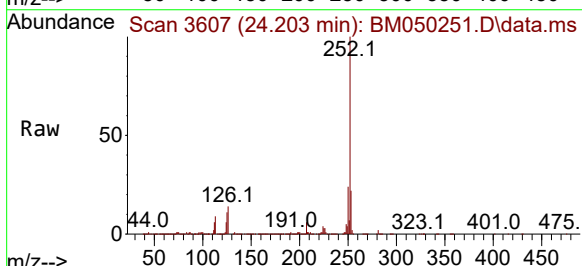
Tgt Ion:252 Resp: 3915530

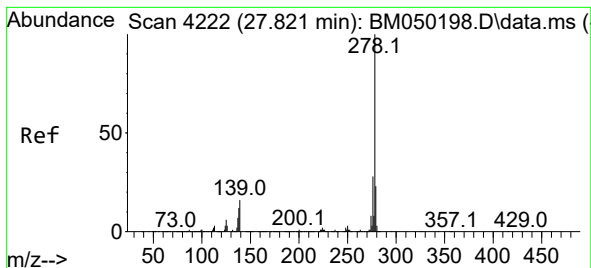
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 59.431 ng

RT: 27.768 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Instrument :

BNA_M

ClientSampleId :

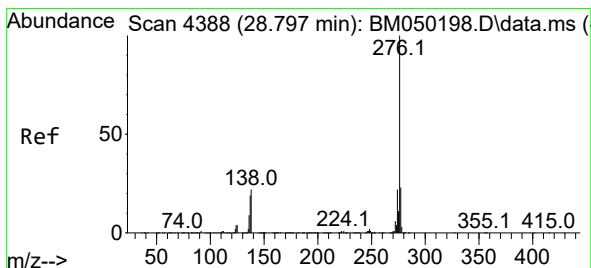
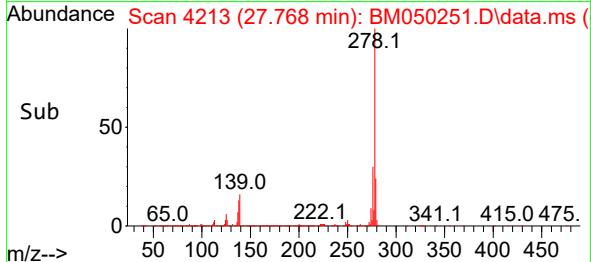
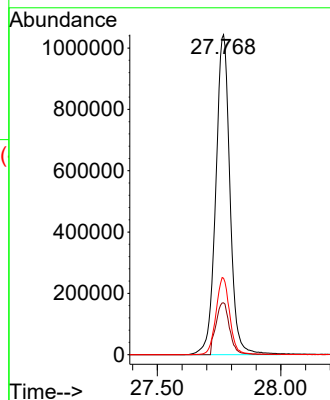
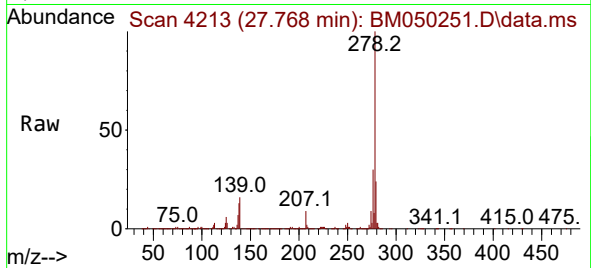
Tgt Ion:278 Resp: 4153403

Ion Ratio Lower Upper

278 100

139 16.2 12.8 19.2

279 23.9 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 59.866 ng

RT: 28.744 min Scan# 4379

Delta R.T. -0.006 min

Lab File: BM050251.D

Acq: 09 Jun 2025 20:58

Tgt Ion:276 Resp: 4187458

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 21.9 17.8 26.6

