

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050279.D
 Acq On : 11 Jun 2025 18:04
 Operator : RC/JU
 Sample : PB168422BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168422BS

Quant Time: Jun 11 19:06:43 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	7.763	152	367361	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1426636	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	820279	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1545819	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1653111	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1805248	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2962799	134.537	ng	0.00
7) Phenol-d6	6.934	99	3684473	127.094	ng	0.00
23) Nitrobenzene-d5	8.916	82	2247562	81.935	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1306178	139.996	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4772689	78.772	ng	0.00
79) Terphenyl-d14	19.762	244	6964676	79.839	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.275	88	360302	37.325	ng 95
3) Pyridine	3.669	79	998204	39.931	ng 98
4) n-Nitrosodimethylamine	3.575	42	227930	44.093	ng 97
6) Aniline	7.093	93	1277545	33.335	ng 99
8) 2-Chlorophenol	7.334	128	1114316	46.002	ng 100
9) Benzaldehyde	6.904	77	536806	29.124	ng 99
10) Phenol	6.963	94	1388305	45.261	ng 99
11) bis(2-Chloroethyl)ether	7.192	93	1119628	45.381	ng 97
12) 1,3-Dichlorobenzene	7.657	146	1181939	43.646	ng 99
13) 1,4-Dichlorobenzene	7.798	146	1208602	42.895	ng 99
14) 1,2-Dichlorobenzene	8.116	146	1161820	43.255	ng 98
15) Benzyl Alcohol	7.998	79	887072	42.902	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	817058	47.673	ng 96
17) 2-Methylphenol	8.204	107	892503	44.099	ng 98
18) Hexachloroethane	8.845	117	457970	44.883	ng 97
19) n-Nitroso-di-n-propyla...	8.569	70	771024	43.461	ng 98
20) 3+4-Methylphenols	8.528	107	1184887	43.759	ng 99
22) Acetophenone	8.581	105	1597495	44.821	ng 99
24) Nitrobenzene	8.957	77	1167346	46.791	ng 98
25) Isophorone	9.486	82	2090820	44.161	ng 99
26) 2-Nitrophenol	9.663	139	489455	45.450	ng 97
27) 2,4-Dimethylphenol	9.728	122	993288	44.890	ng 99
28) bis(2-Chloroethoxy)met...	9.969	93	1415710	45.772	ng 99
29) 2,4-Dichlorophenol	10.198	162	937076	45.764	ng 98
30) 1,2,4-Trichlorobenzene	10.416	180	1018391	44.694	ng 100
31) Naphthalene	10.604	128	3227821	43.761	ng 100
32) Benzoic acid	9.857	122	596889	42.924	ng 96
33) 4-Chloroaniline	10.704	127	654281	20.806	ng 98
34) Hexachlorobutadiene	10.898	225	592737	43.734	ng 99
35) Caprolactam	11.480	113	285242	43.940	ng 88
36) 4-Chloro-3-methylphenol	11.833	107	992156	45.409	ng 100
37) 2-Methylnaphthalene	12.216	142	1974636	44.376	ng 100
38) 1-Methylnaphthalene	12.433	142	2070968	43.850	ng 100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1079199	45.562	ng 99
41) Hexachlorocyclopentadiene	12.575	237	1378505	95.831	ng 98
43) 2,4,6-Trichlorophenol	12.822	196	718186	46.107	ng 100

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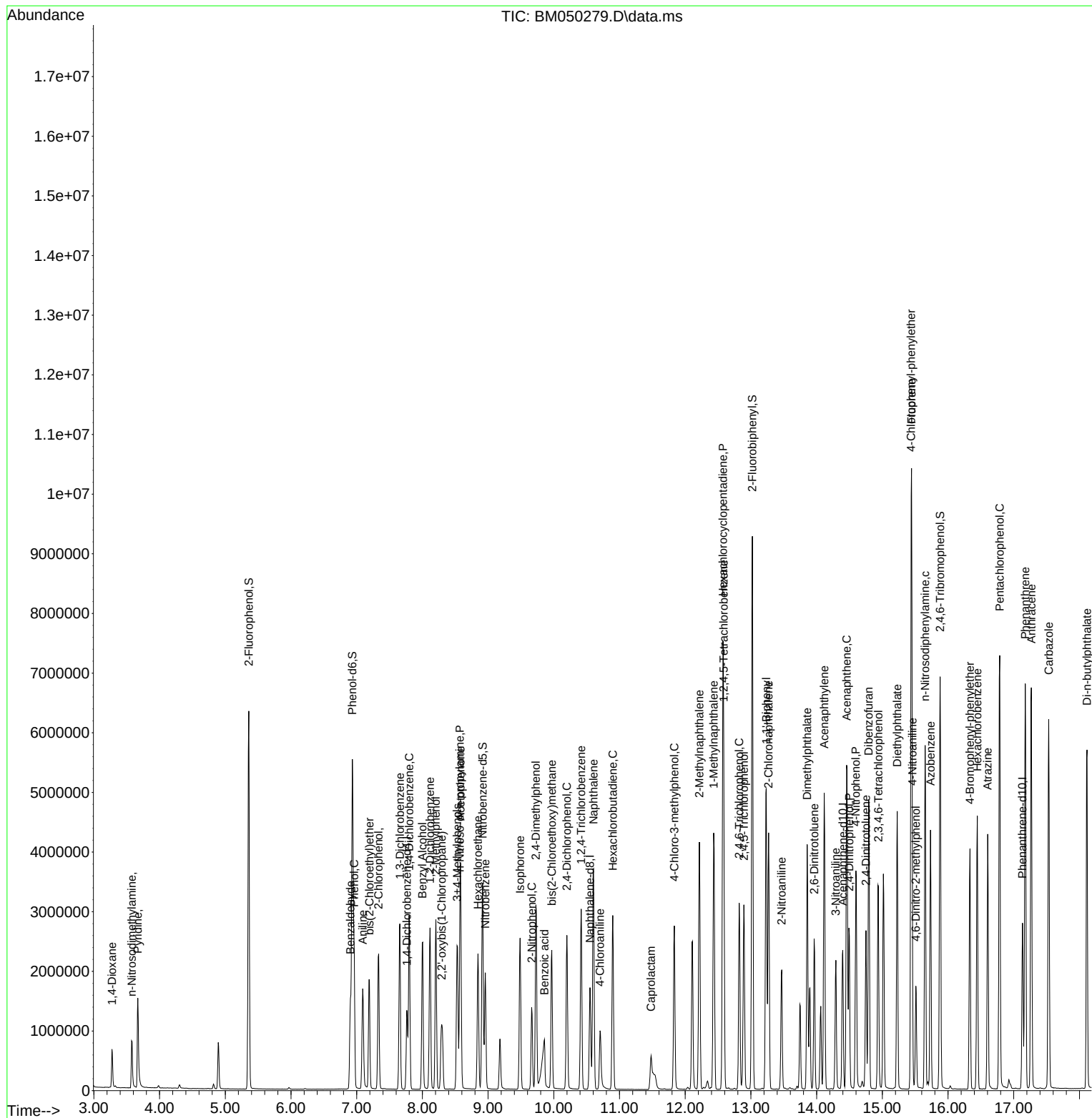
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	804528	47.042	ng	98
46) 1,1'-Biphenyl	13.233	154	2753920	44.836	ng	98
47) 2-Chloronaphthalene	13.269	162	2125274	44.507	ng	100
48) 2-Nitroaniline	13.469	65	541484	51.529	ng	98
49) Acenaphthylene	14.116	152	3482423	45.089	ng	99
50) Dimethylphthalate	13.857	163	2558075	46.112	ng	99
51) 2,6-Dinitrotoluene	13.963	165	543804	48.608	ng	93
52) Acenaphthene	14.457	154	2096302	43.394	ng	98
53) 3-Nitroaniline	14.292	138	577781	46.339	ng	99
54) 2,4-Dinitrophenol	14.498	184	610018	95.119	ng	94
55) Dibenzofuran	14.792	168	3186299	45.084	ng	100
56) 4-Nitrophenol	14.598	139	1118559	105.401	ng	98
57) 2,4-Dinitrotoluene	14.751	165	762971	51.699	ng	97
58) Fluorene	15.445	166	2494801	46.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	712902	48.180	ng	100
60) Diethylphthalate	15.227	149	2621821	47.632	ng	99
61) 4-Chlorophenyl-phenylether	15.439	204	1201635	45.931	ng	98
62) 4-Nitroaniline	15.457	138	597874	51.160	ng	99
63) Azobenzene	15.733	77	2596412	47.194	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	397041	47.026	ng	95
66) n-Nitrosodiphenylamine	15.651	169	2227656	45.864	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	770398	46.735	ng	98
68) Hexachlorobenzene	16.445	284	905927	47.038	ng	97
69) Atrazine	16.604	200	766193	49.508	ng	100
70) Pentachlorophenol	16.786	266	1264309	100.969	ng	99
71) Phenanthrene	17.174	178	4080812	46.211	ng	99
72) Anthracene	17.268	178	4142038	46.886	ng	99
73) Carbazole	17.533	167	3919579	48.701	ng	100
74) Di-n-butylphthalate	18.115	149	4450352	50.820	ng	100
75) Fluoranthene	19.192	202	4589967	49.287	ng	100
77) Benzidine	19.374	184	2517805	54.162	ng	99
78) Pyrene	19.551	202	4951901	44.443	ng	100
80) Butylbenzylphthalate	20.462	149	1866563	50.222	ng	99
81) Benzo(a)anthracene	21.345	228	4920652	47.027	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1266170	39.681	ng	99
83) Chrysene	21.409	228	4748406	47.708	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2980181	52.057	ng	99
85) Di-n-octyl phthalate	22.421	149	4646981	54.703	ng	99
87) Indeno(1,2,3-cd)pyrene	27.691	276	6001859	51.635	ng	100
88) Benzo(b)fluoranthene	23.403	252	4997528	47.615	ng	99
89) Benzo(k)fluoranthene	23.462	252	5043883	47.074	ng	100
90) Benzo(a)pyrene	24.197	252	4817750	48.821	ng	99
91) Dibenzo(a,h)anthracene	27.756	278	4873588	51.655	ng	99
92) Benzo(g,h,i)perylene	28.738	276	4962109	52.547	ng	99

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

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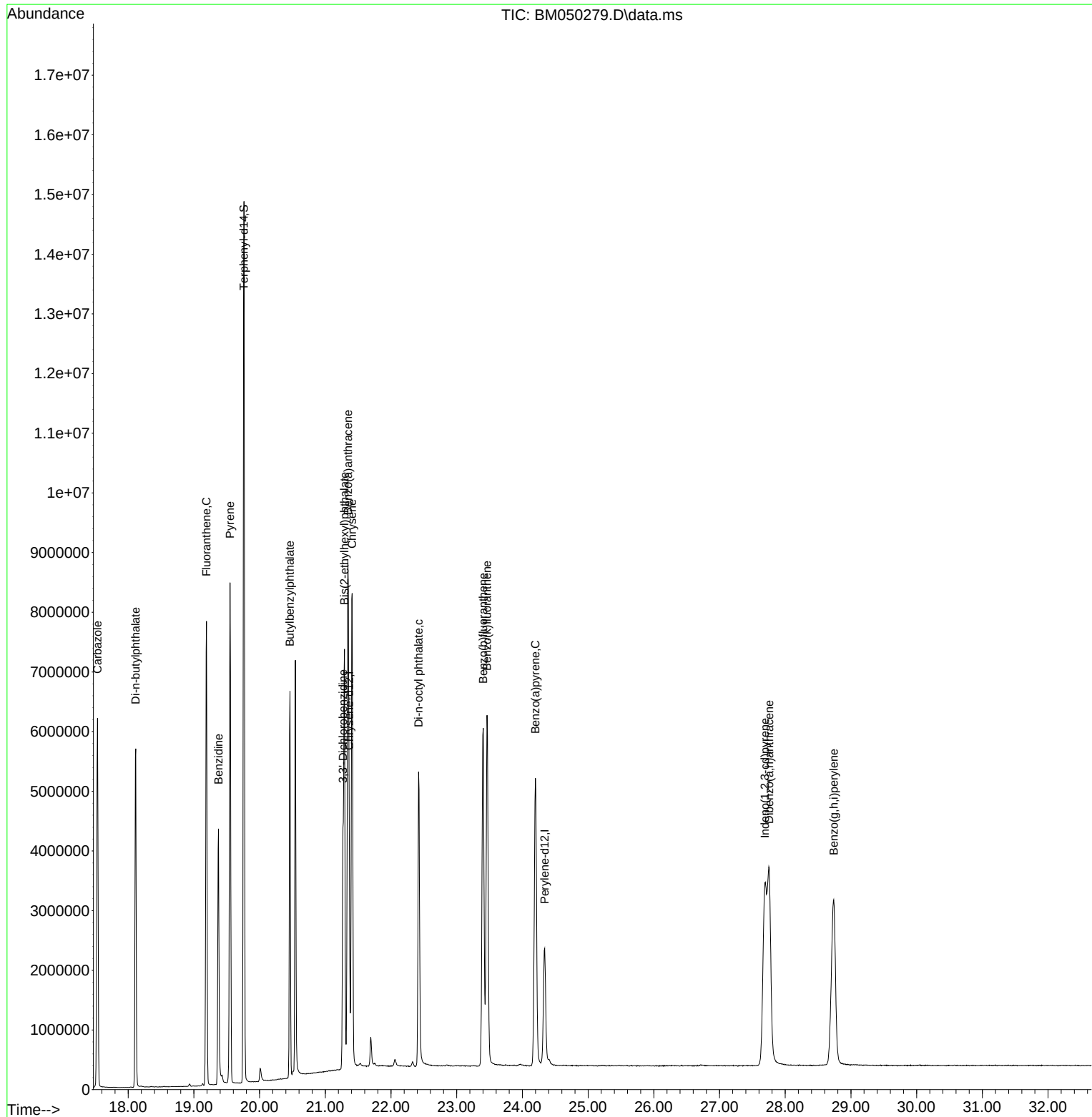
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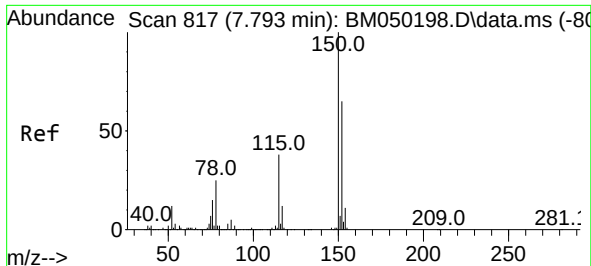


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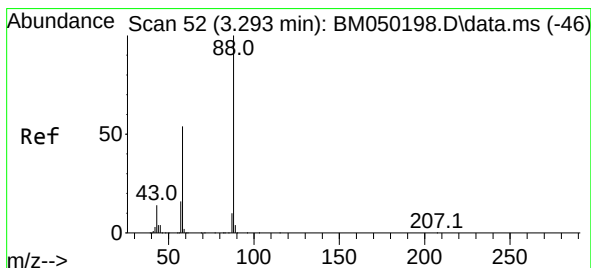
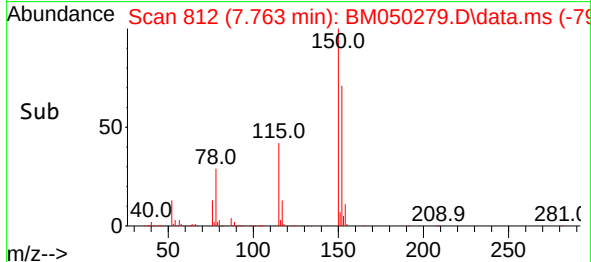
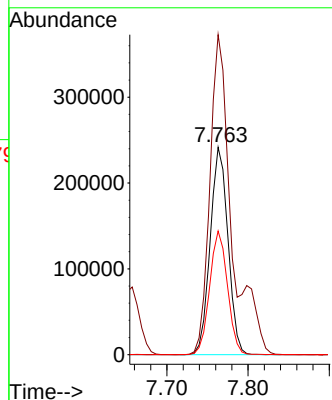
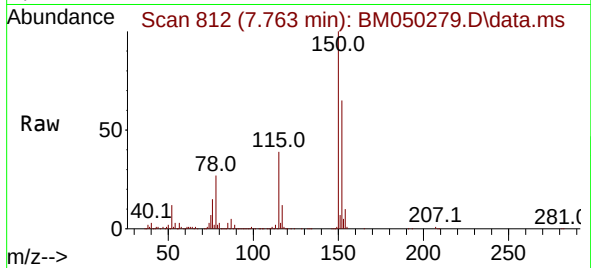




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050279.D
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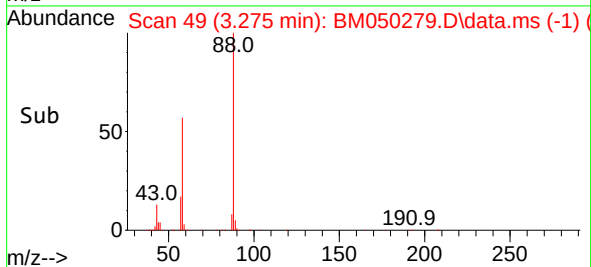
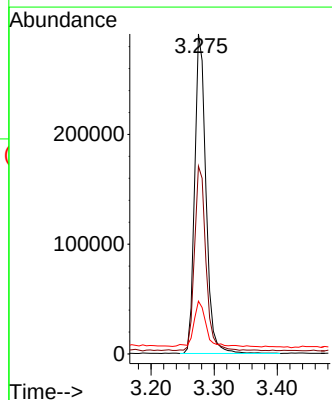
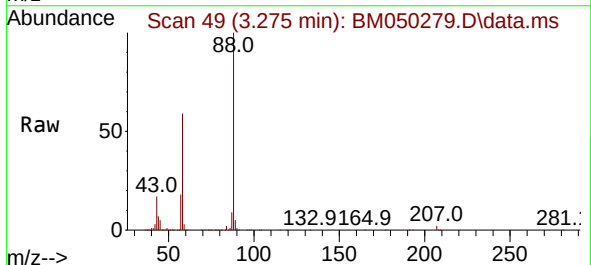
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ClientSampleId :
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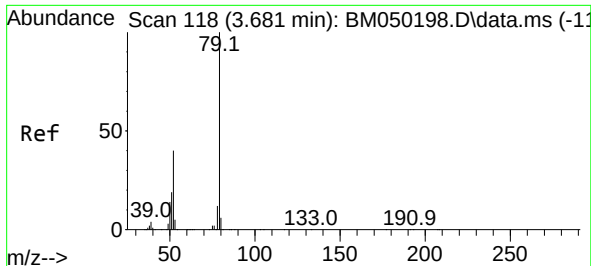
Tgt Ion:152 Resp: 367361
Ion Ratio Lower Upper
152 100
150 154.3 122.2 183.4
115 59.7 46.3 69.5



#2
1,4-Dioxane
Concen: 37.325 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 88 Resp: 360302
Ion Ratio Lower Upper
88 100
58 57.7 42.9 64.3
43 14.7 11.0 16.6





#3

Pyridine

Concen: 39.931 ng

RT: 3.669 min Scan# 116

Delta R.T. 0.000 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

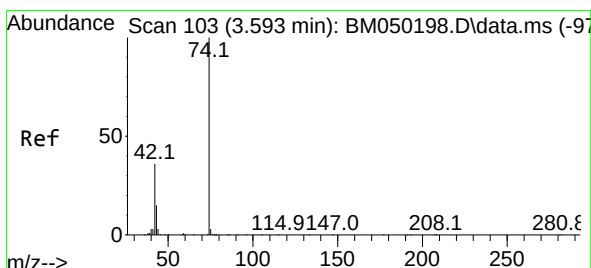
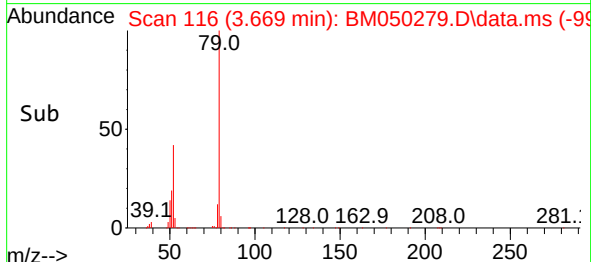
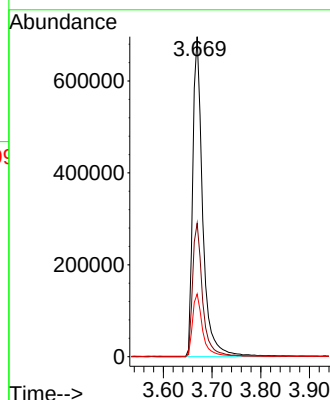
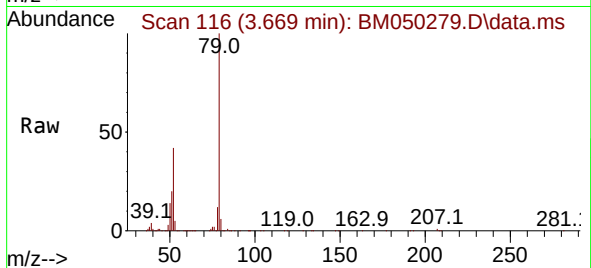
BNA_M

ClientSampleId :

PB168422BS

Tgt Ion: 79 Resp: 998204

Ion	Ratio	Lower	Upper
79	100		
52	41.7	32.1	48.1
51	19.6	15.4	23.0



#4

n-Nitrosodimethylamine

Concen: 44.093 ng

RT: 3.575 min Scan# 100

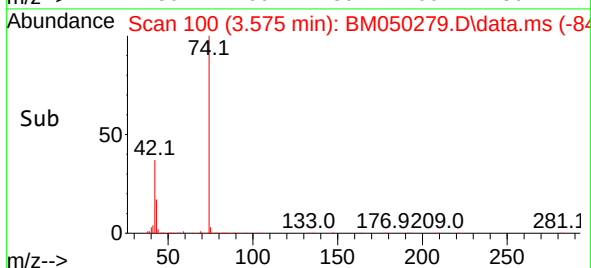
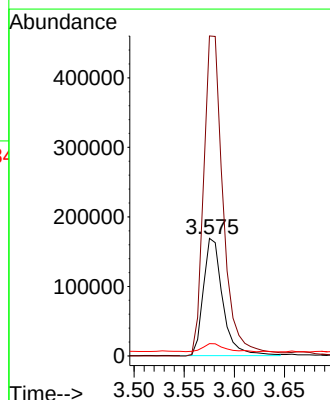
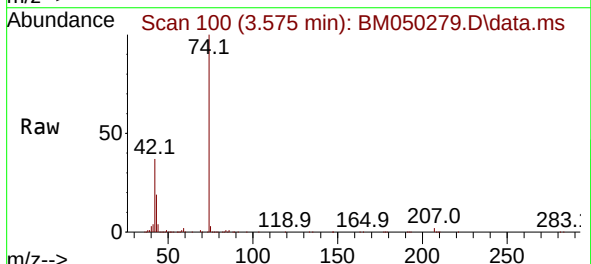
Delta R.T. -0.006 min

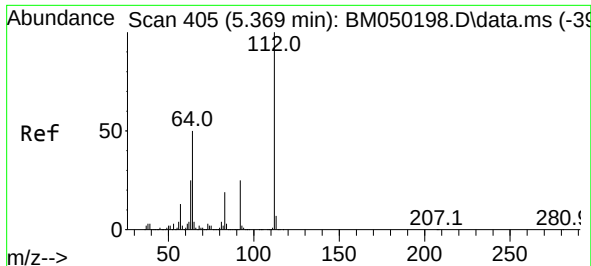
Lab File: BM050279.D

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Tgt Ion: 42 Resp: 227930

Ion	Ratio	Lower	Upper
42	100		
74	272.2	222.0	333.0
44	10.5	7.0	10.6

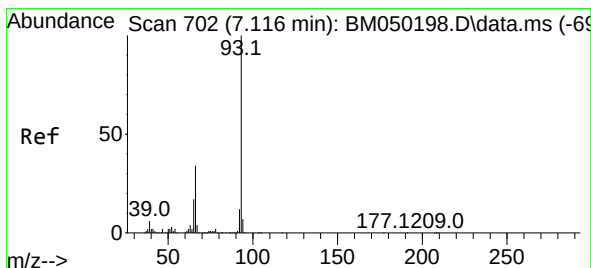
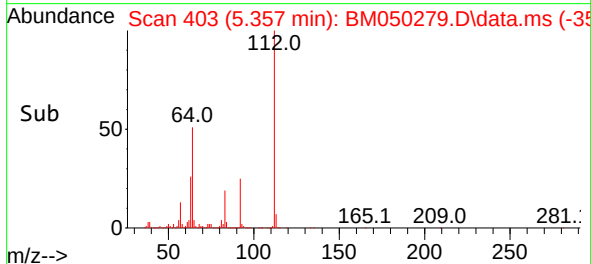
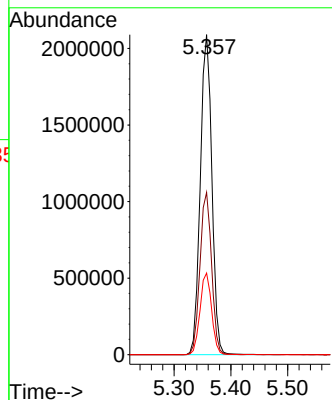
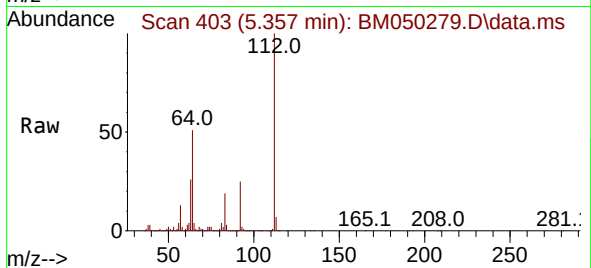




#5
2-Fluorophenol
Concen: 134.537 ng
RT: 5.357 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM050279.D
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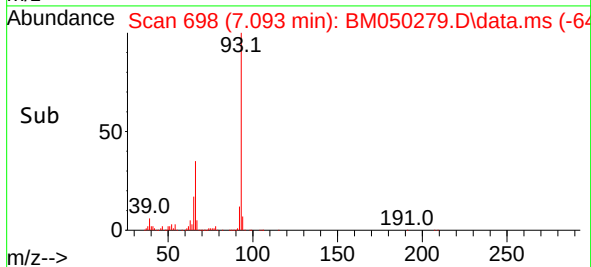
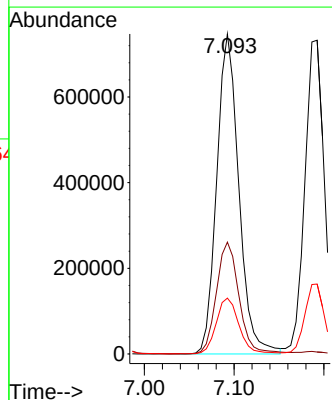
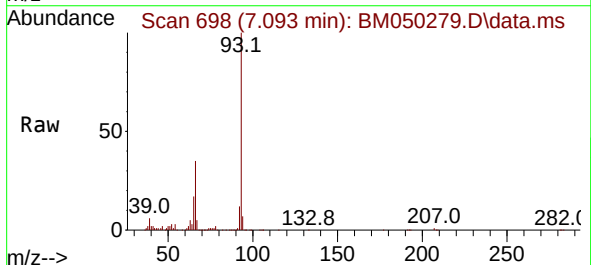
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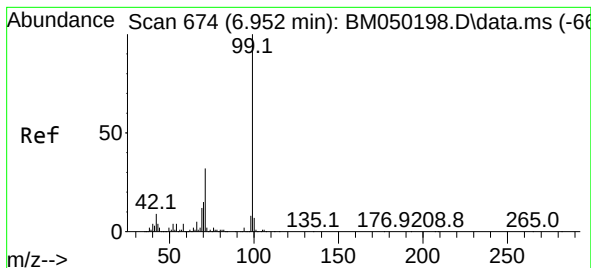
Tgt Ion:112 Resp: 2962799
Ion Ratio Lower Upper
112 100
64 50.7 39.8 59.6
63 25.5 19.8 29.8



#6
Aniline
Concen: 33.335 ng
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 93 Resp: 1277545
Ion Ratio Lower Upper
93 100
66 35.0 27.4 41.2
65 17.4 13.6 20.4





#7

Phenol-d6

Concen: 127.094 ng

RT: 6.934 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

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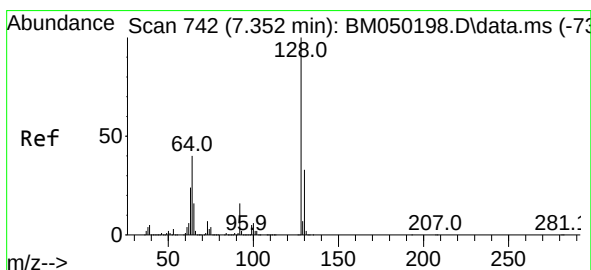
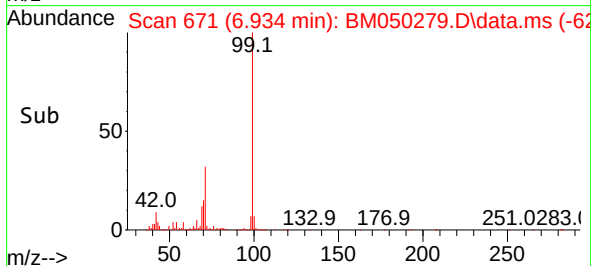
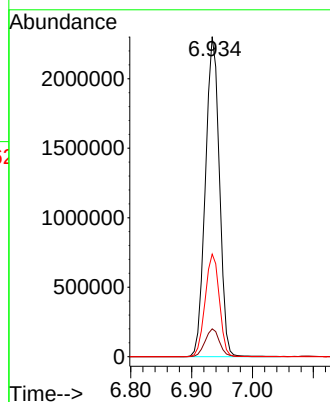
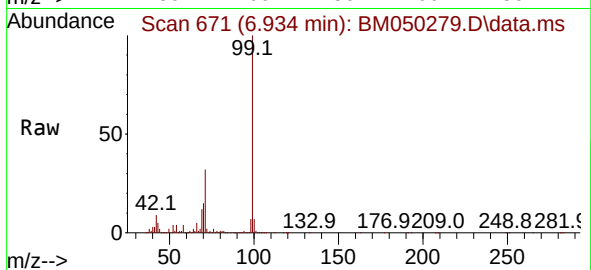
Tgt Ion: 99 Resp: 3684473

Ion Ratio Lower Upper

99 100

42 8.7 6.9 10.3

71 32.1 25.3 37.9



#8

2-Chlorophenol

Concen: 46.002 ng

RT: 7.334 min Scan# 739

Delta R.T. 0.000 min

Lab File: BM050279.D

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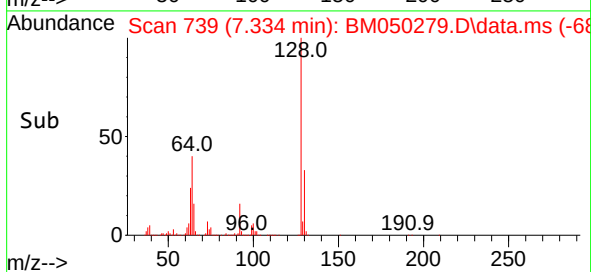
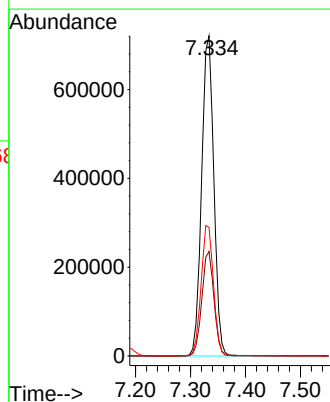
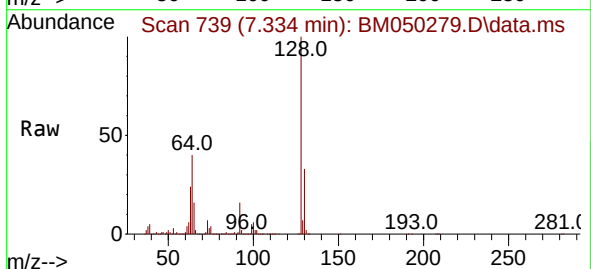
Tgt Ion: 128 Resp: 1114316

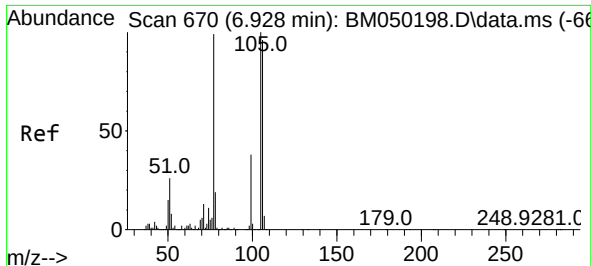
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 40.2 19.8 59.8

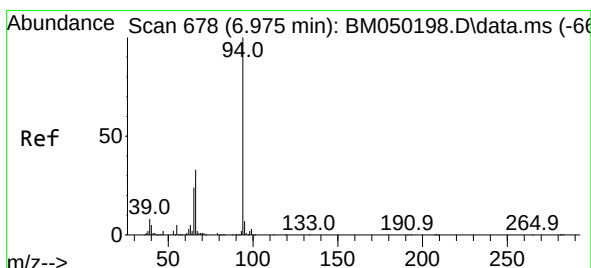
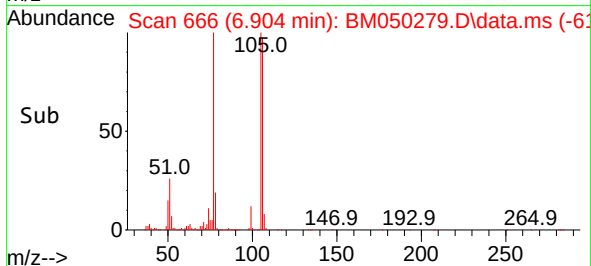
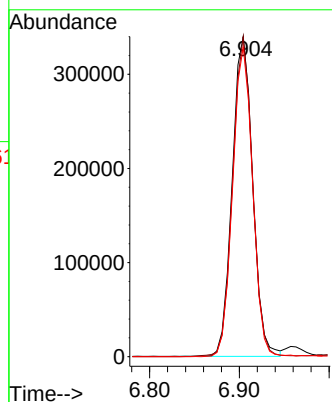
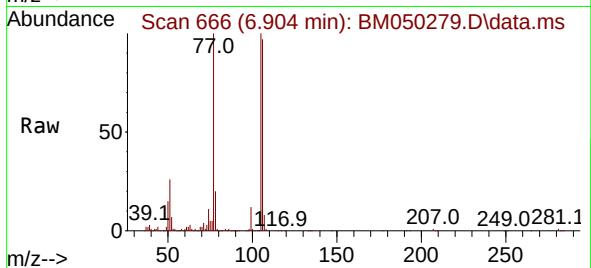




#9
Benzaldehyde
Concen: 29.124 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
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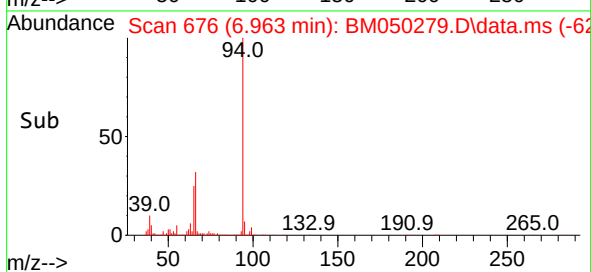
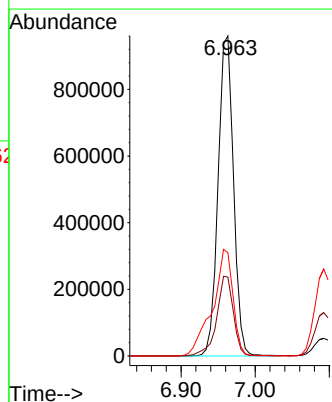
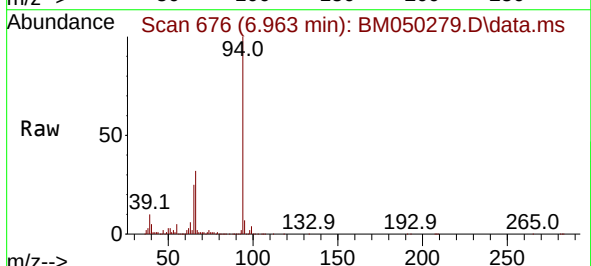
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ClientSampleId :
PB168422BS

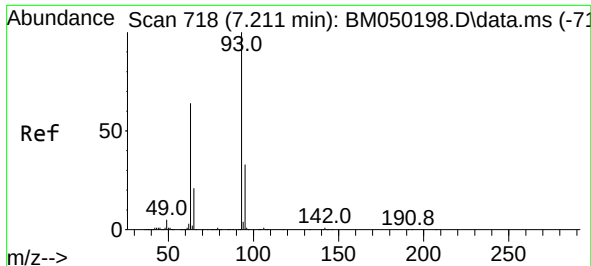
Tgt Ion: 77 Resp: 536806
Ion Ratio Lower Upper
77 100
105 100.0 80.9 120.9
106 96.7 77.1 117.1



#10
Phenol
Concen: 45.261 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 94 Resp: 1388305
Ion Ratio Lower Upper
94 100
65 24.6 4.3 44.3
66 32.3 12.9 52.9

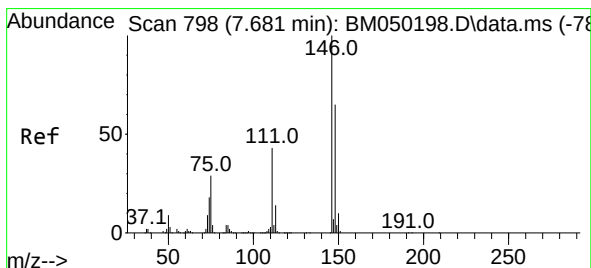
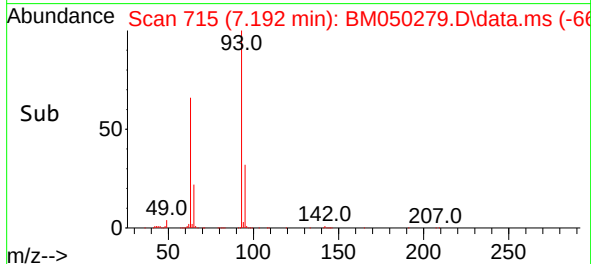
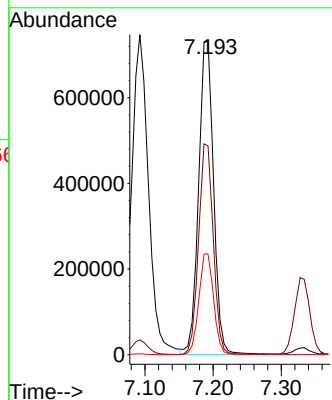
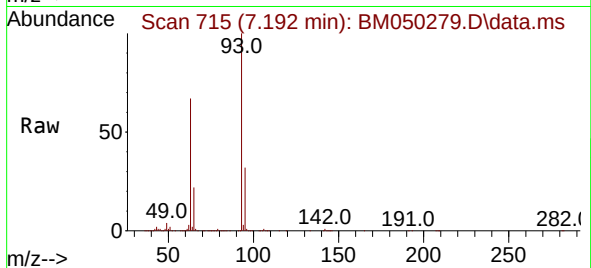




#11
bis(2-Chloroethyl)ether
Concen: 45.381 ng
RT: 7.192 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

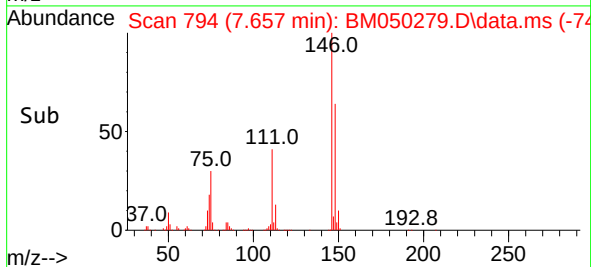
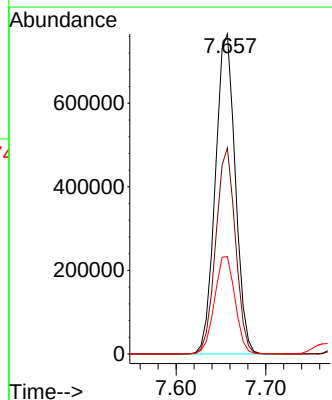
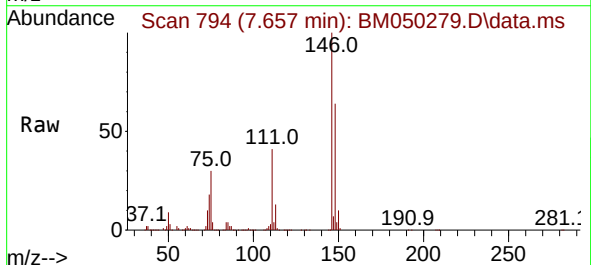
Instrument :
BNA_M
ClientSampleId :
PB168422BS

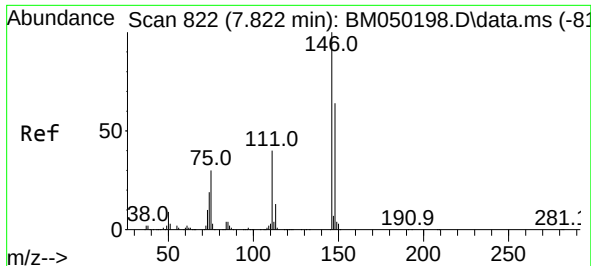
Tgt Ion: 93 Resp: 1119628
Ion Ratio Lower Upper
93 100
63 66.5 43.9 83.9
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.646 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:146 Resp: 1181939
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 30.4 23.4 35.0

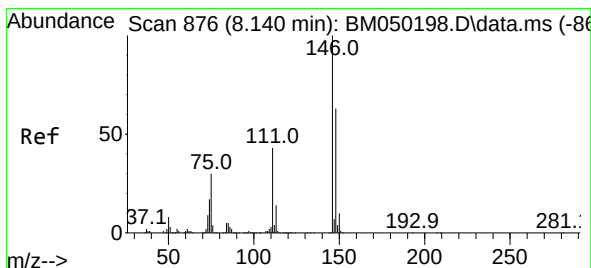
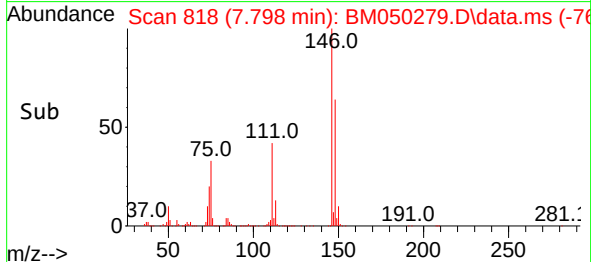
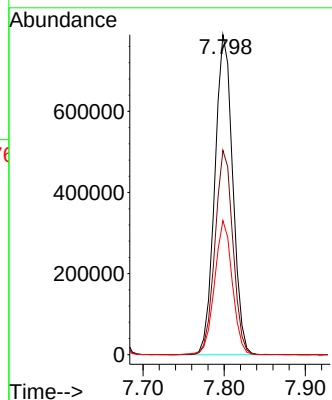
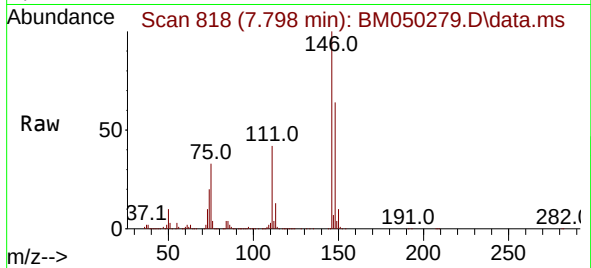




#13
1,4-Dichlorobenzene
Concen: 42.895 ng
RT: 7.798 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

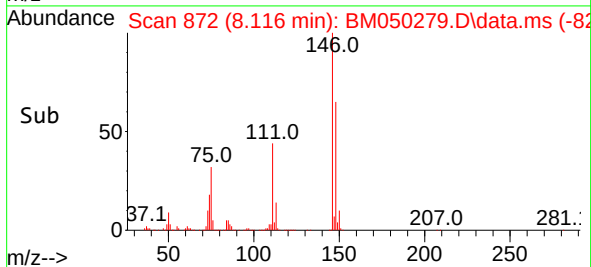
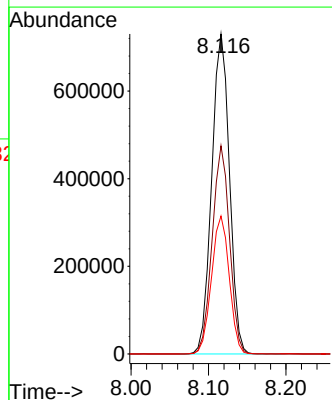
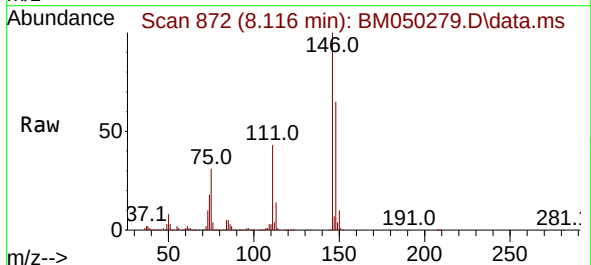
Instrument :
BNA_M
ClientSampleId :
PB168422BS

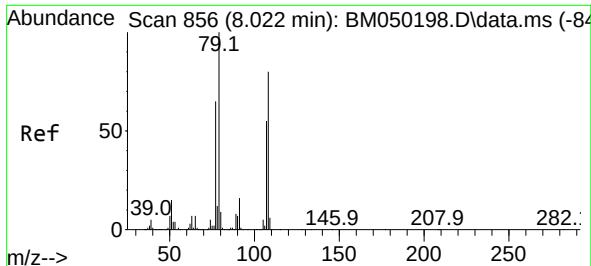
Tgt Ion:146 Resp: 1208602
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 41.9 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 43.255 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:146 Resp: 1161820
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
111 43.1 34.3 51.5

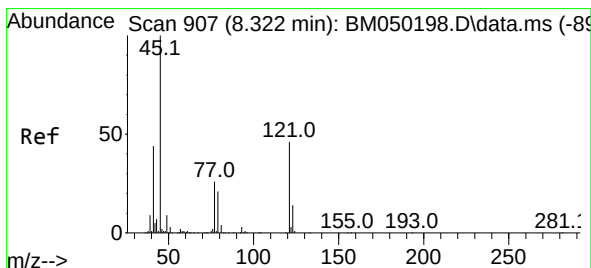
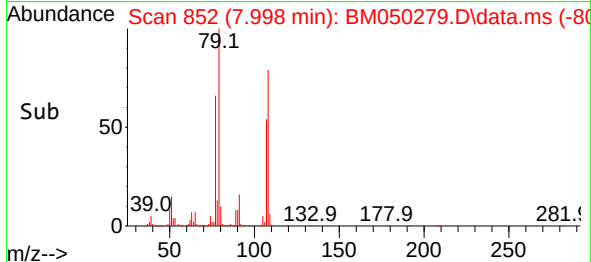
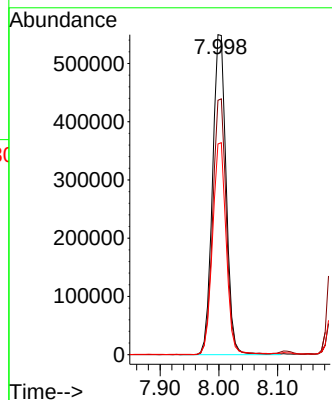
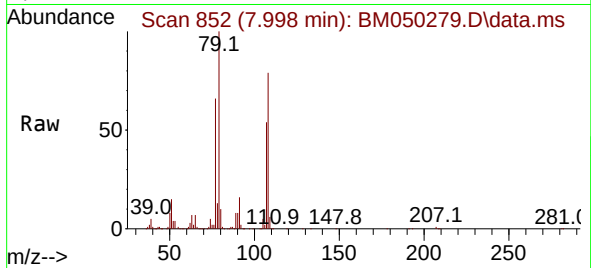




#15
Benzyl Alcohol
Concen: 42.902 ng
RT: 7.998 min Scan# 852
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

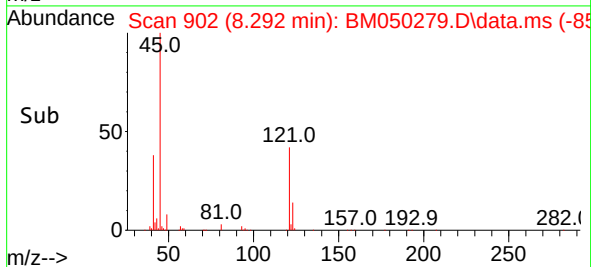
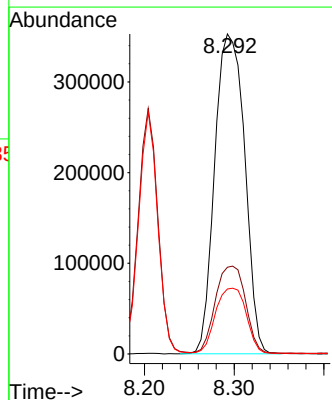
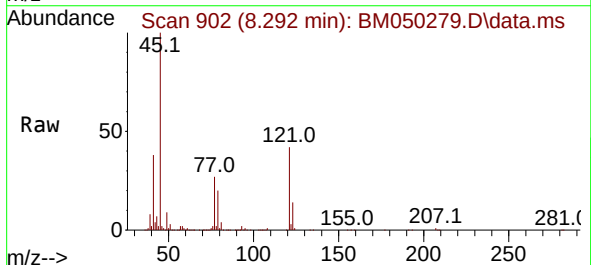
Instrument :
BNA_M
ClientSampleId :
PB168422BS

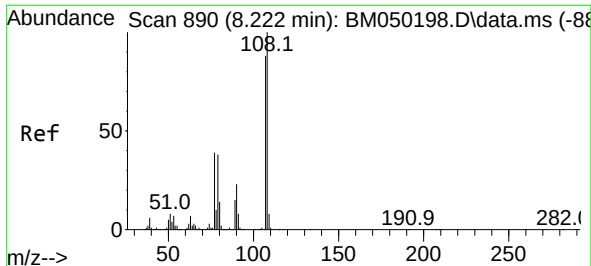
Tgt Ion: 79 Resp: 887072
Ion Ratio Lower Upper
79 100
108 79.5 64.0 96.0
77 65.8 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.673 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 45 Resp: 817058
Ion Ratio Lower Upper
45 100
77 27.1 8.7 48.7
79 20.3 2.7 42.7

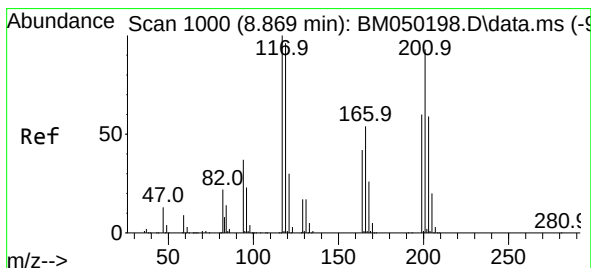
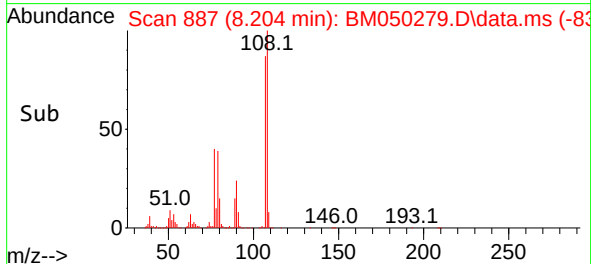
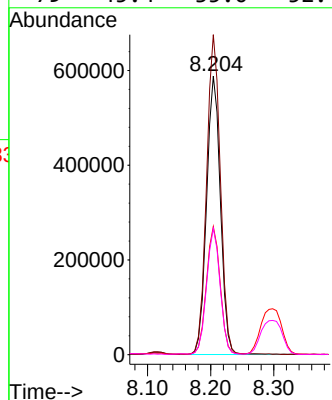
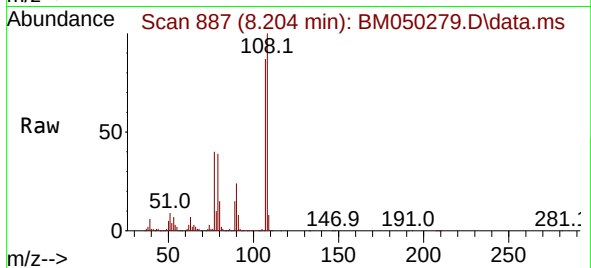




#17
2-Methylphenol
Concen: 44.099 ng
RT: 8.204 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

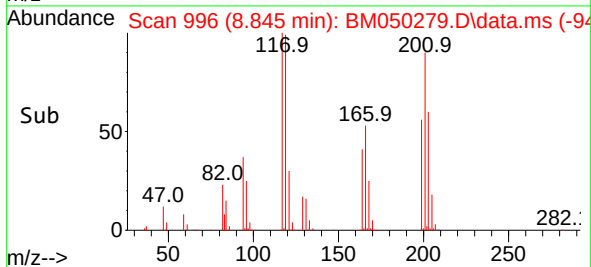
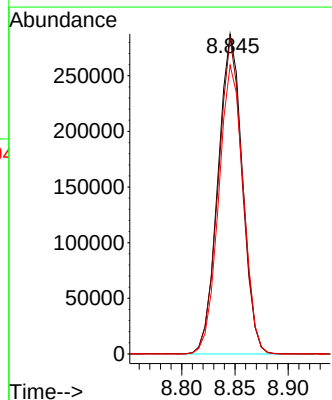
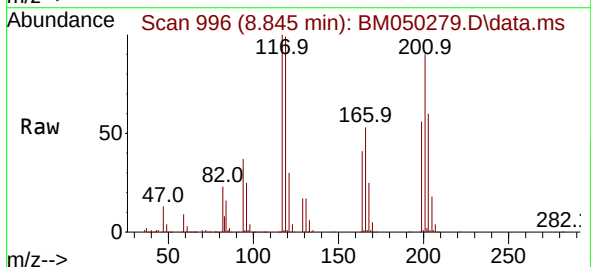
Instrument :
BNA_M
ClientSampleId :
PB168422BS

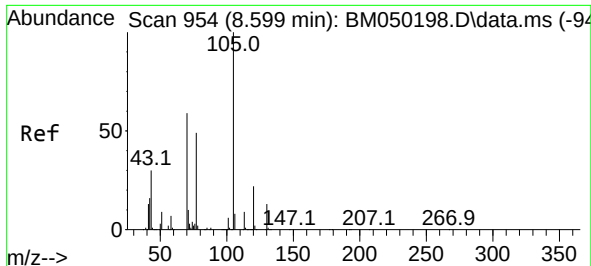
Tgt Ion:	107	Resp:	892503
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.8	136.2
77	46.0	35.7	53.5
79	45.4	35.0	52.4



#18
Hexachloroethane
Concen: 44.883 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:	117	Resp:	457970
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.0	115.6
201	90.2	74.6	111.8

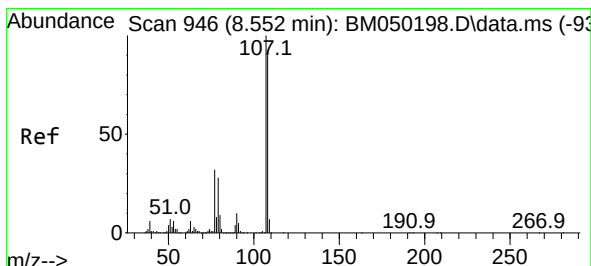
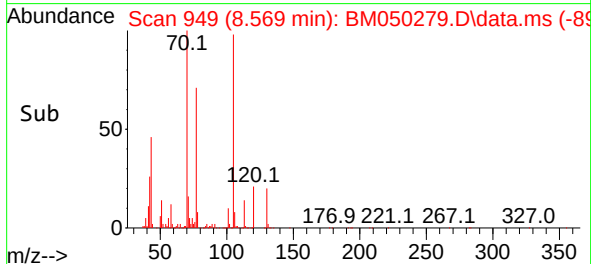
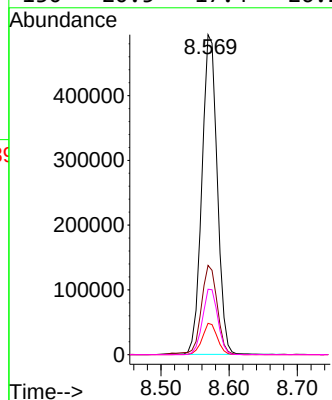
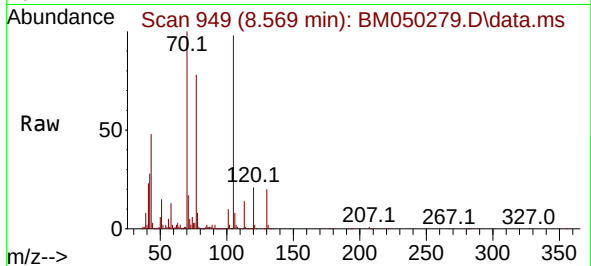




#19
n-Nitroso-di-n-propylamine
Concen: 43.461 ng
RT: 8.569 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

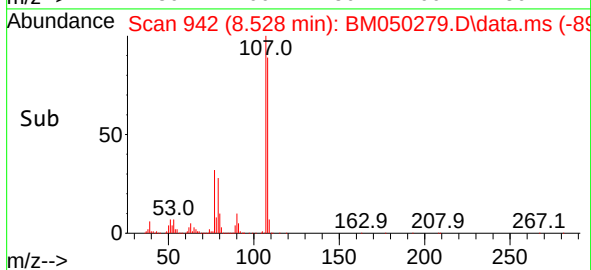
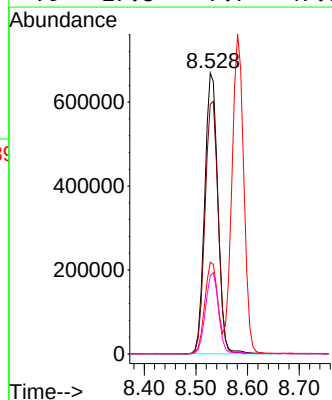
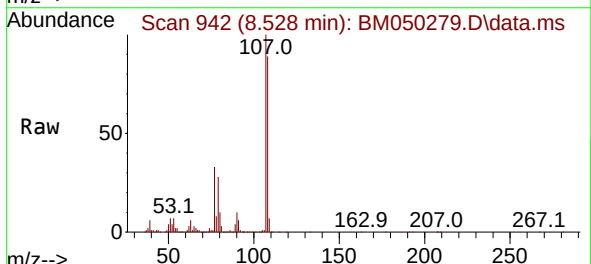
Instrument :
BNA_M
ClientSampleId :
PB168422BS

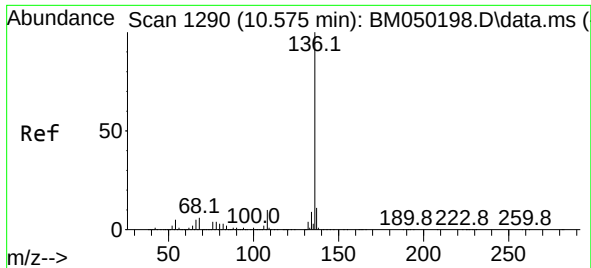
Tgt Ion: 70 Resp: 771024
Ion Ratio Lower Upper
70 100
42 27.9 22.6 33.8
101 9.8 8.3 12.5
130 20.5 17.4 26.2



#20
3+4-Methylphenols
Concen: 43.759 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 107 Resp: 1184887
Ion Ratio Lower Upper
107 100
108 88.9 70.4 110.4
77 32.6 12.2 52.2
79 27.8 7.7 47.7

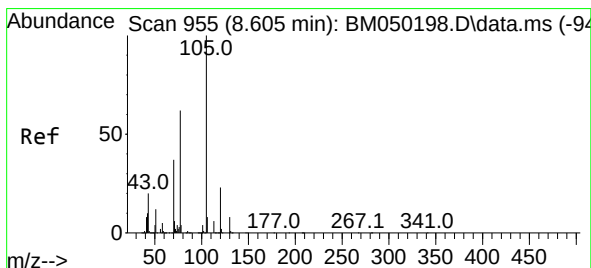
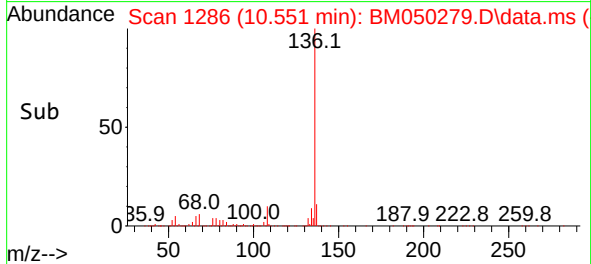
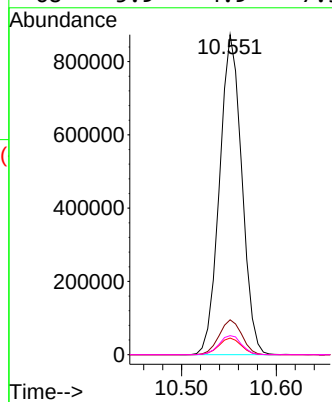
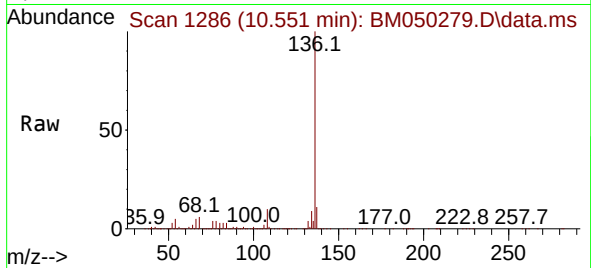




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

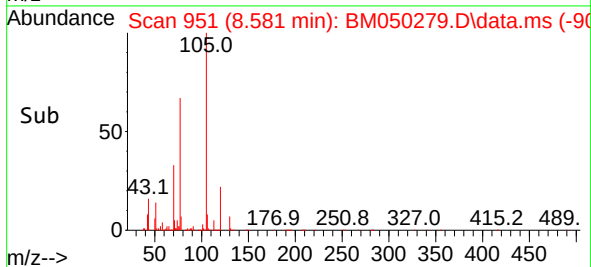
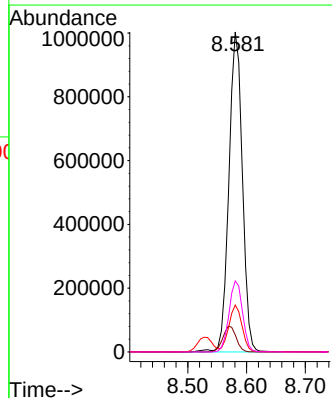
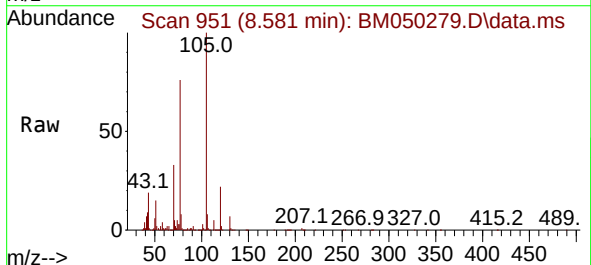
Instrument :
BNA_M
ClientSampleId :
PB168422BS

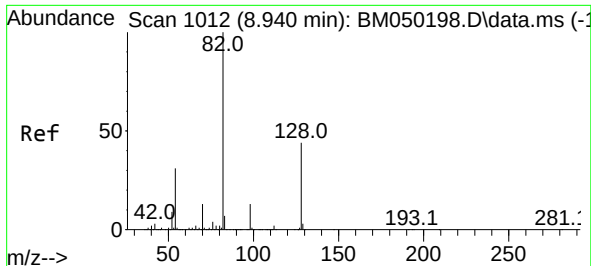
Tgt Ion:136 Resp: 1426636
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.2 3.8 5.8
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 44.821 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:105 Resp: 1597495
Ion Ratio Lower Upper
105 100
71 5.3 5.0 7.4
51 14.6 11.4 17.2
120 22.2 18.2 27.4

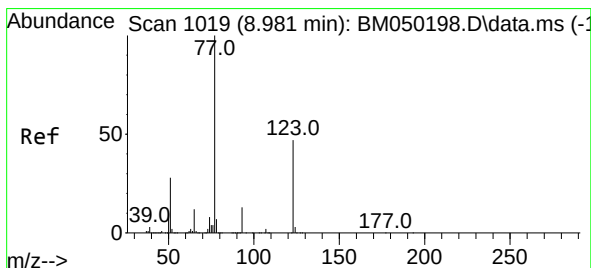
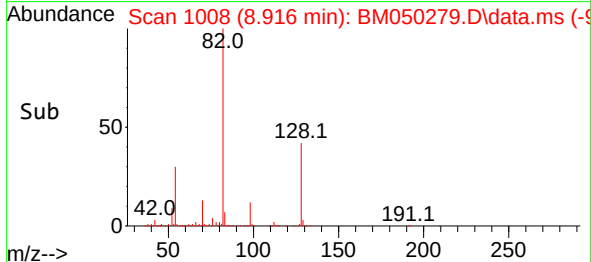
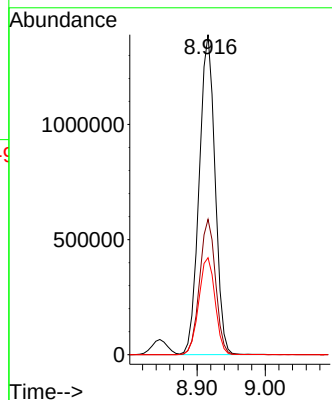
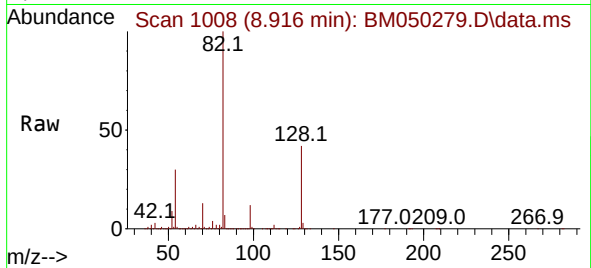




#23
Nitrobenzene-d5
Concen: 81.935 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

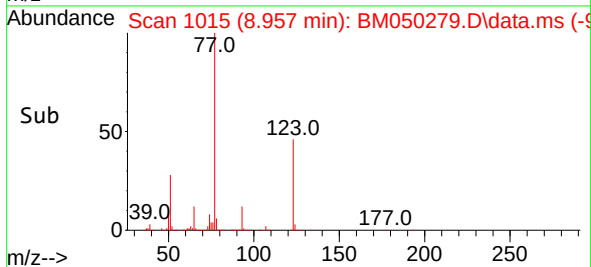
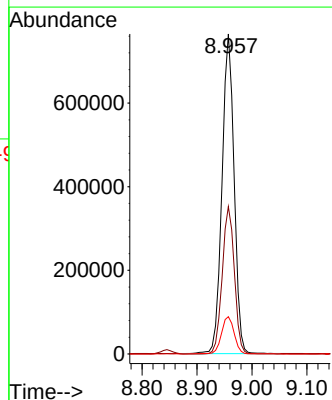
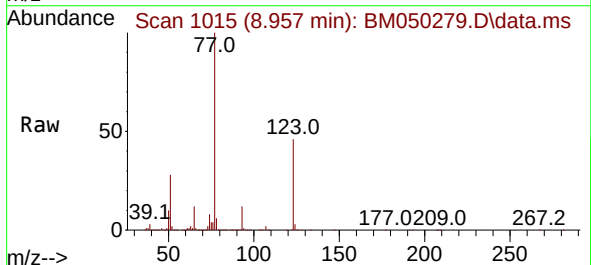
Instrument :
BNA_M
ClientSampleId :
PB168422BS

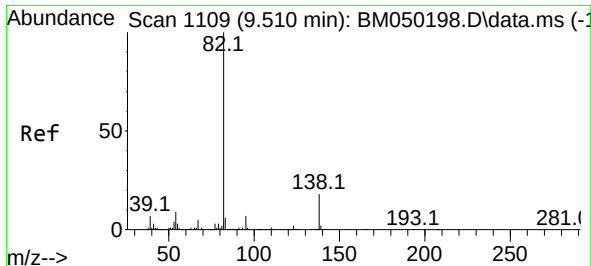
Tgt Ion: 82 Resp: 2247562
Ion Ratio Lower Upper
82 100
128 42.3 35.2 52.8
54 30.3 24.5 36.7



#24
Nitrobenzene
Concen: 46.791 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 77 Resp: 1167346
Ion Ratio Lower Upper
77 100
123 46.1 38.2 57.2
65 11.7 9.5 14.3

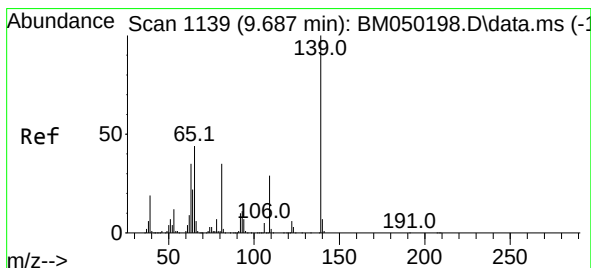
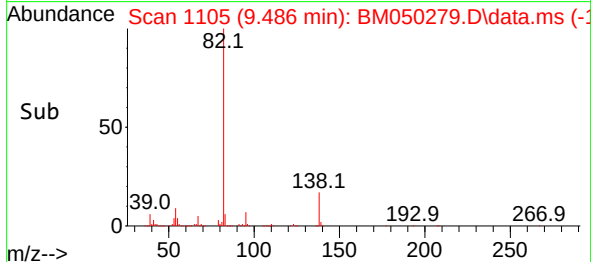
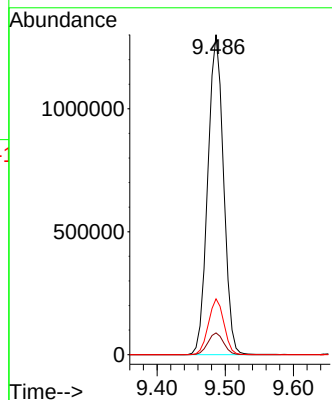
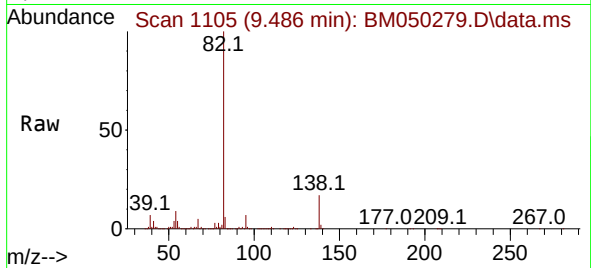




#25
Isophorone
Concen: 44.161 ng
RT: 9.486 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

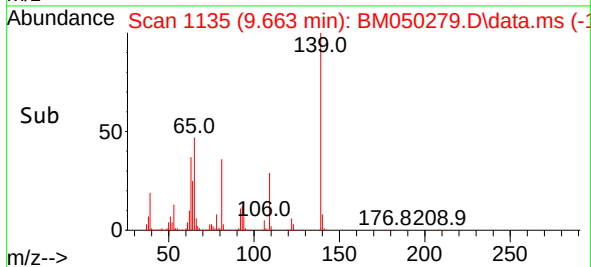
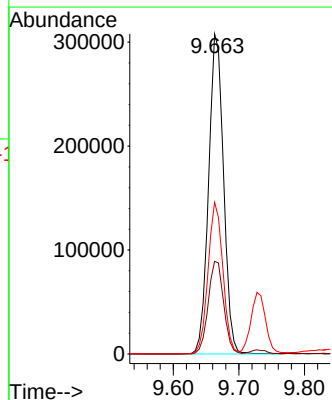
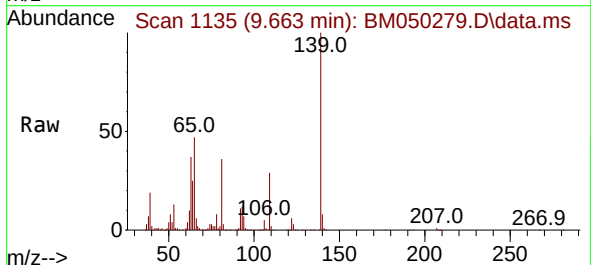
Instrument :
BNA_M
ClientSampleId :
PB168422BS

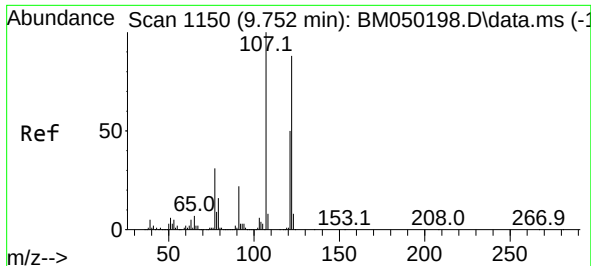
Tgt Ion: 82 Resp: 2090820
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.5 14.2 21.2



#26
2-Nitrophenol
Concen: 45.450 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:139 Resp: 489455
Ion Ratio Lower Upper
139 100
109 29.0 23.3 34.9
65 47.4 35.2 52.8

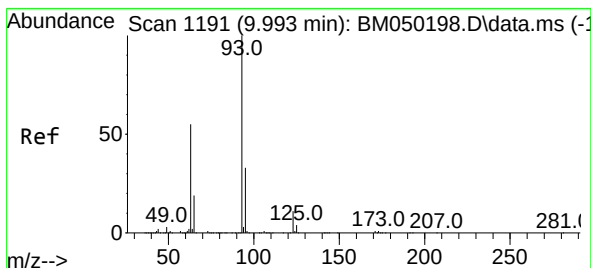
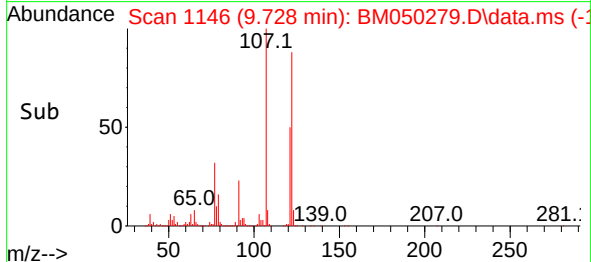
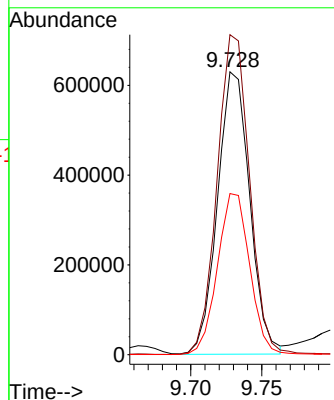
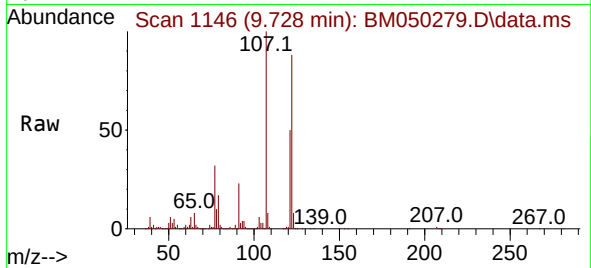




#27
2,4-Dimethylphenol
Concen: 44.890 ng
RT: 9.728 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

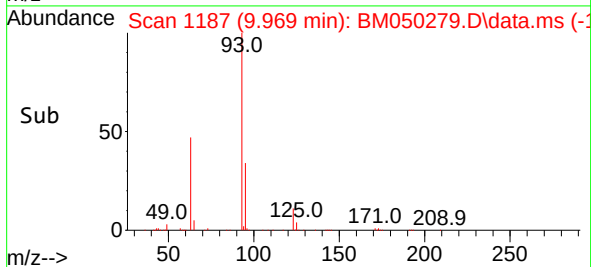
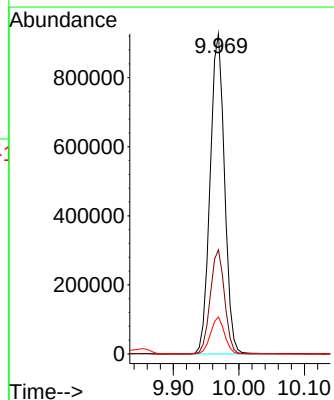
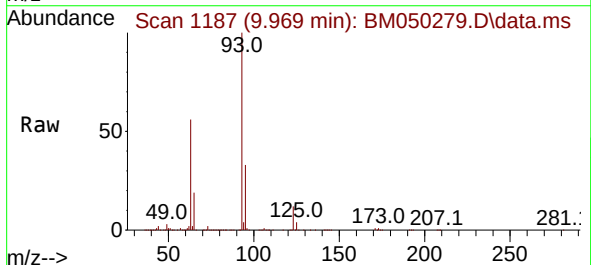
Instrument :
BNA_M
ClientSampleId :
PB168422BS

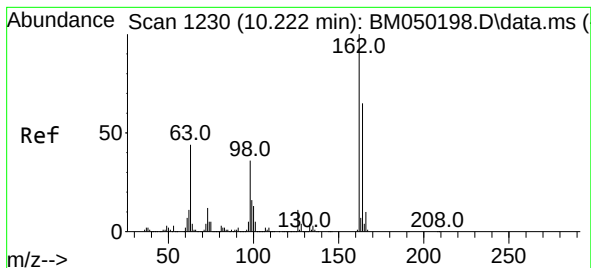
Tgt Ion:122 Resp: 993288
Ion Ratio Lower Upper
122 100
107 113.1 91.0 136.6
121 56.9 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.772 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 93 Resp: 1415710
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.6 8.9 13.3

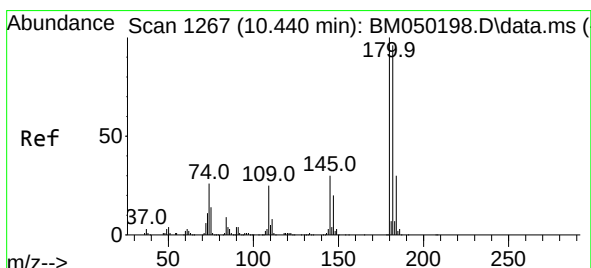
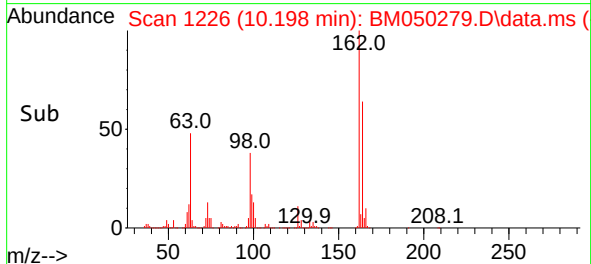
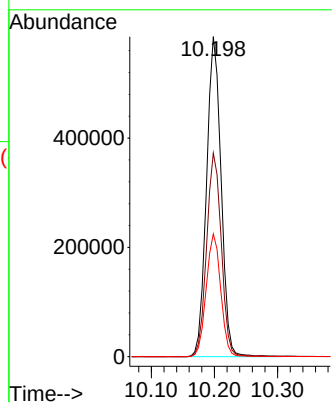
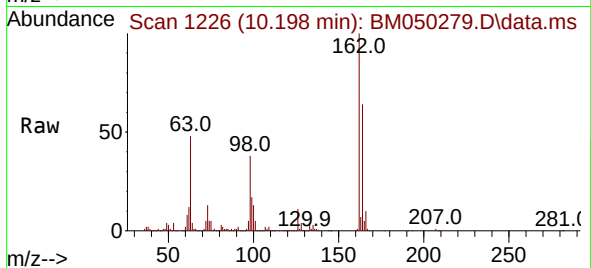




#29
2,4-Dichlorophenol
Concen: 45.764 ng
RT: 10.198 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

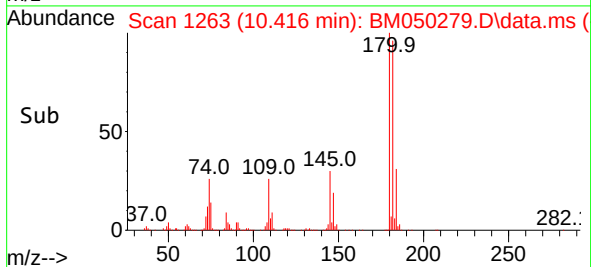
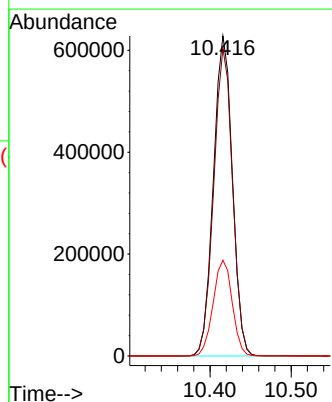
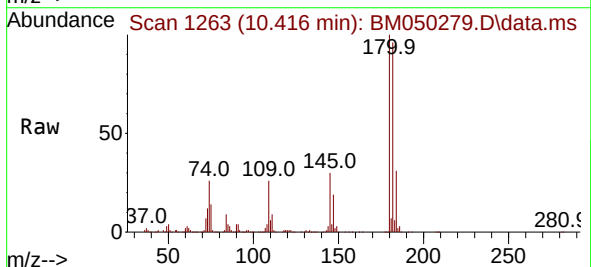
Instrument :
BNA_M
ClientSampleId :
PB168422BS

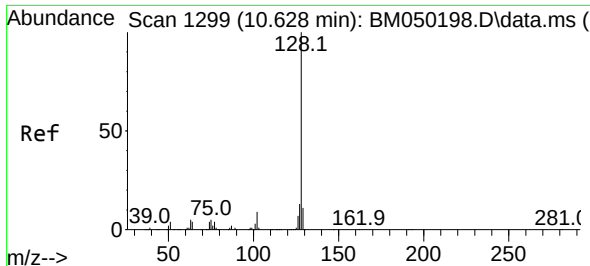
Tgt Ion:162 Resp: 937076
Ion Ratio Lower Upper
162 100
164 63.7 45.0 85.0
98 38.4 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 44.694 ng
RT: 10.416 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:180 Resp: 1018391
Ion Ratio Lower Upper
180 100
182 96.1 76.6 114.8
145 29.9 24.2 36.4

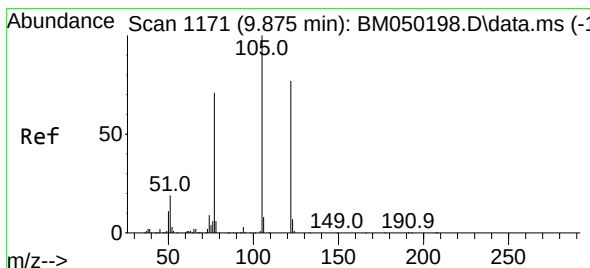
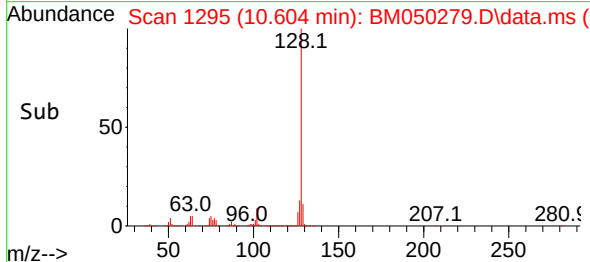
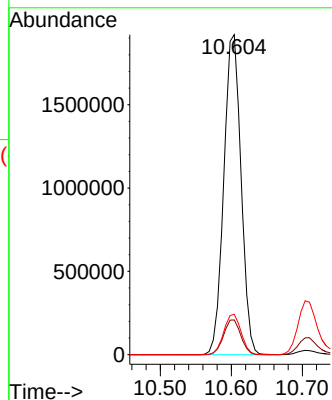
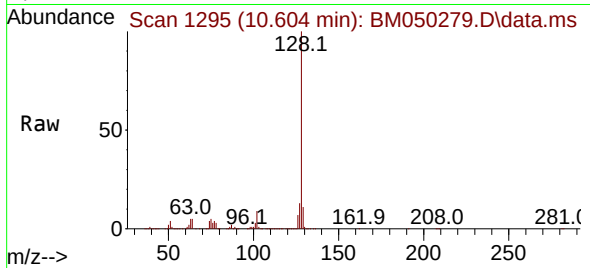




#31
Naphthalene
Concen: 43.761 ng
RT: 10.604 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

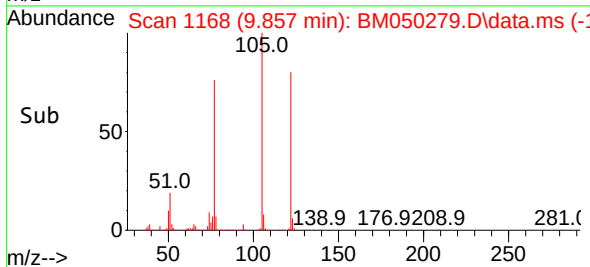
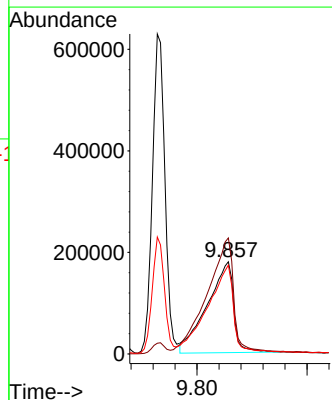
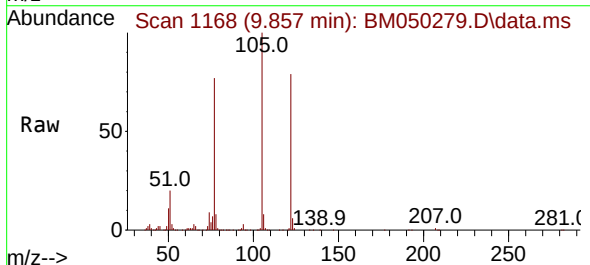
Instrument :
BNA_M
ClientSampleId :
PB168422BS

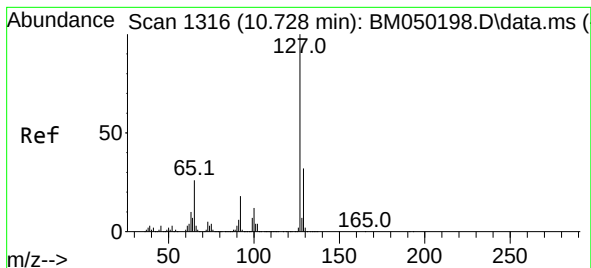
Tgt Ion:128 Resp: 3227821
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.6 10.2 15.4



#32
Benzoic acid
Concen: 42.924 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:122 Resp: 596889
Ion Ratio Lower Upper
122 100
105 125.8 103.4 143.4
77 96.4 70.3 110.3





#33

4-Chloroaniline

Concen: 20.806 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

Tgt Ion:127 Resp: 654281

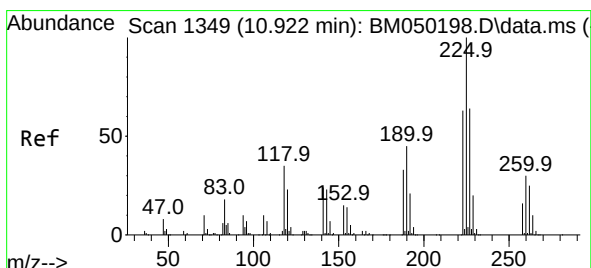
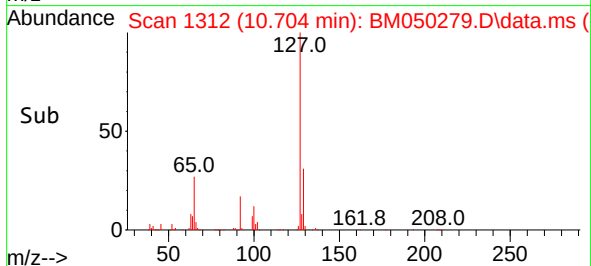
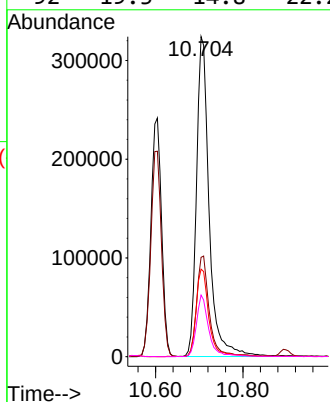
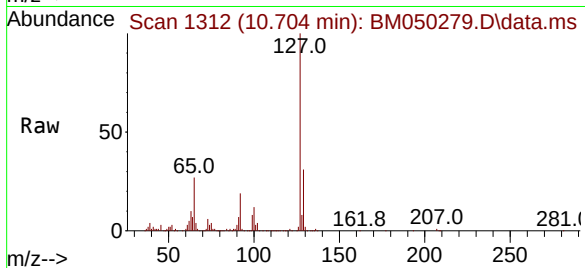
Ion Ratio Lower Upper

127 100

129 31.0 25.4 38.0

65 27.4 21.0 31.4

92 19.3 14.8 22.2



#34

Hexachlorobutadiene

Concen: 43.734 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

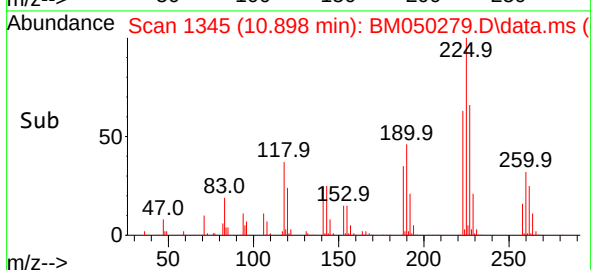
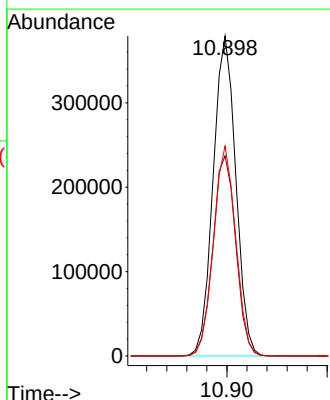
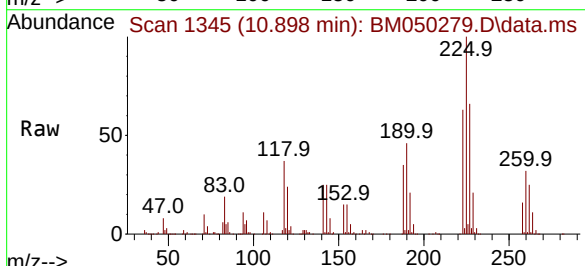
Tgt Ion:225 Resp: 592737

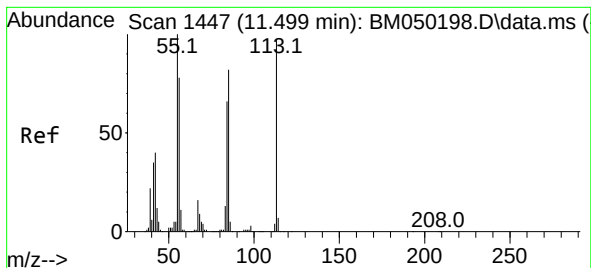
Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

227 65.6 51.0 76.4

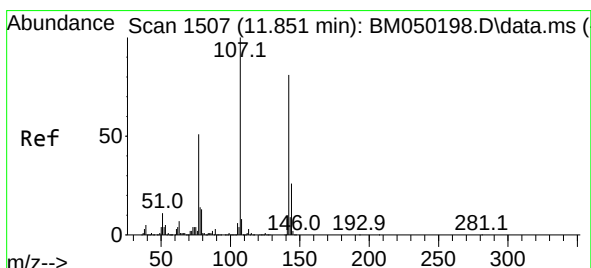
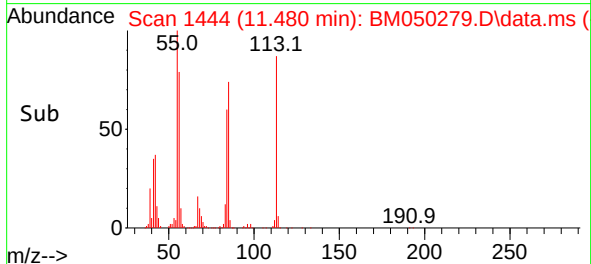
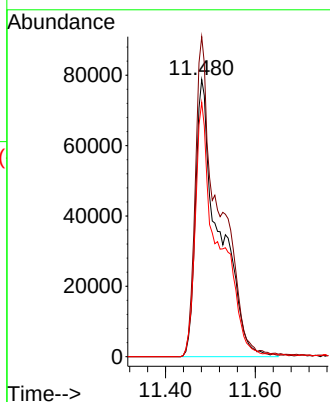
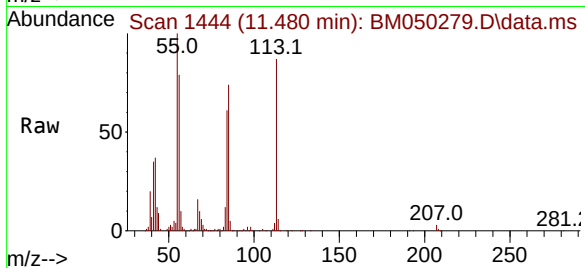




#35
Caprolactam
Concen: 43.940 ng
RT: 11.480 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

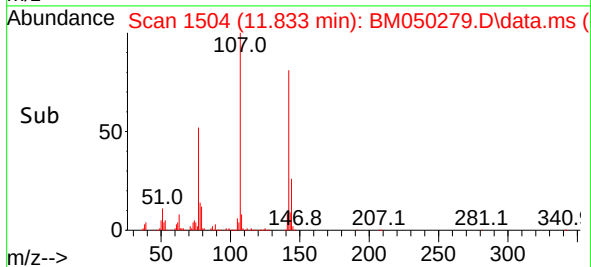
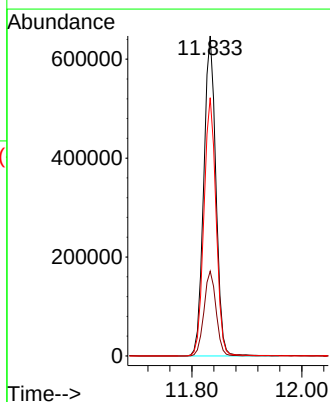
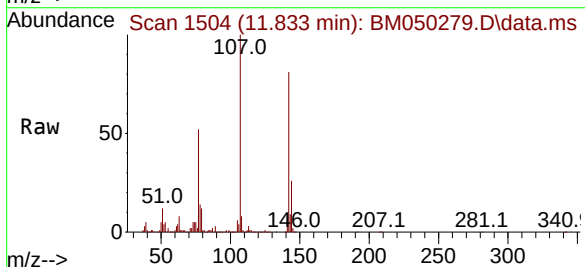
Instrument :
BNA_M
ClientSampleId :
PB168422BS

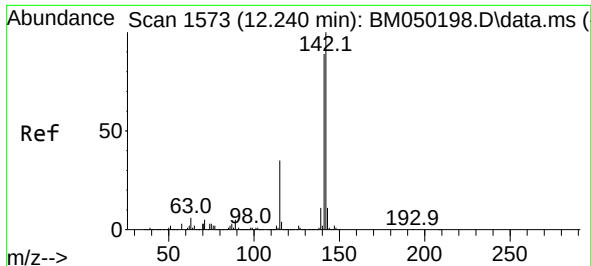
Tgt Ion:113 Resp: 285242
Ion Ratio Lower Upper
113 100
55 115.5 83.5 123.5
56 91.8 60.6 100.6



#36
4-Chloro-3-methylphenol
Concen: 45.409 ng
RT: 11.833 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:107 Resp: 992156
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.6
142 80.7 64.8 97.2

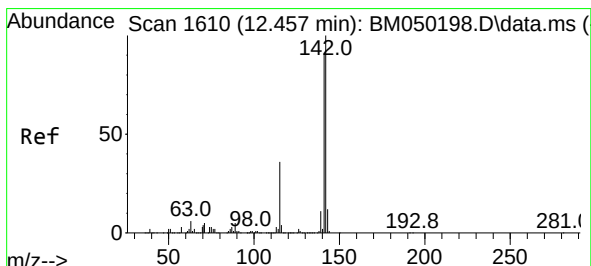
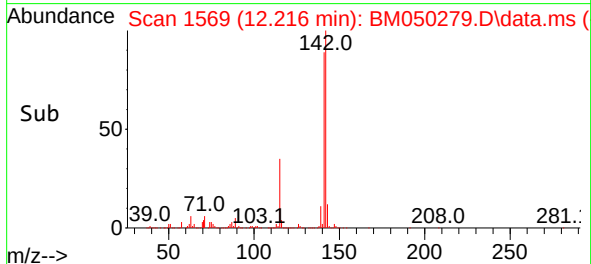
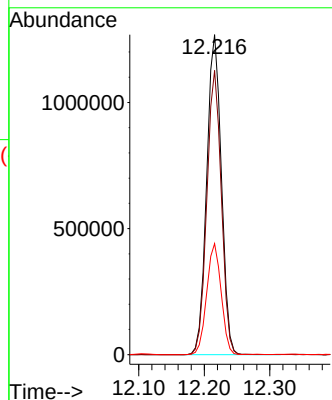
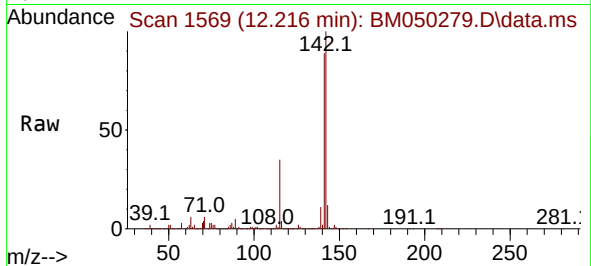




#37
2-Methylnaphthalene
Concen: 44.376 ng
RT: 12.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

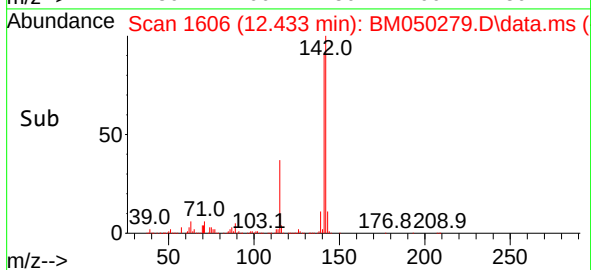
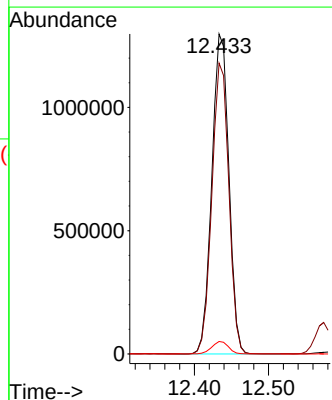
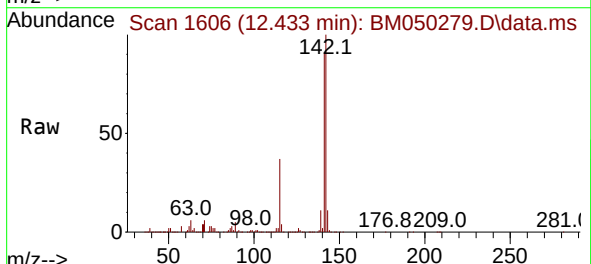
Instrument :
BNA_M
ClientSampleId :
PB168422BS

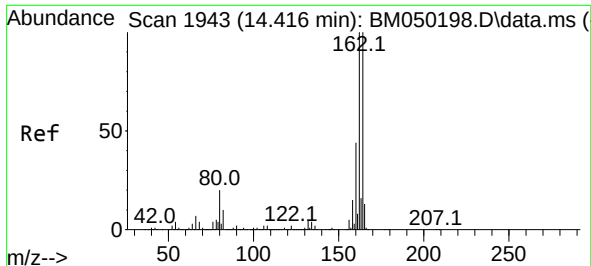
Tgt Ion:142 Resp: 1974636
Ion Ratio Lower Upper
142 100
141 88.8 71.5 107.3
115 34.7 27.8 41.8



#38
1-Methylnaphthalene
Concen: 43.850 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:142 Resp: 2070968
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3
116 3.9 3.0 4.6

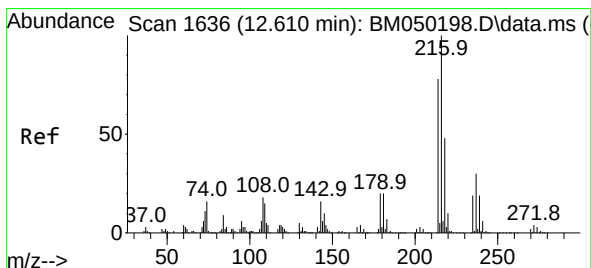
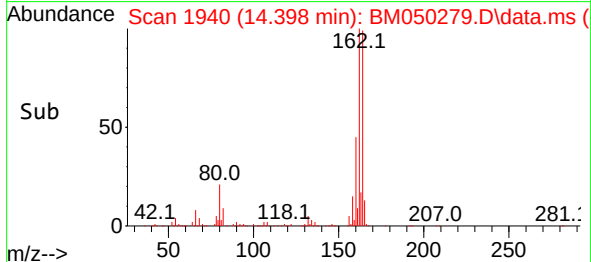
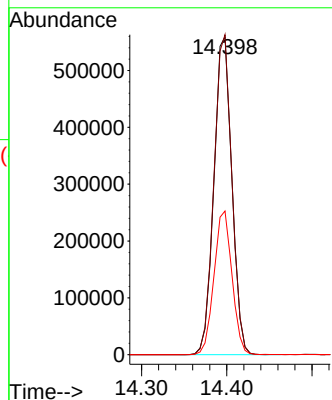
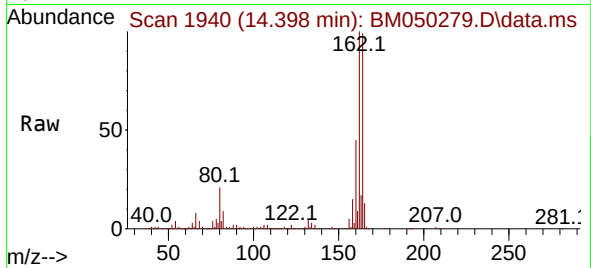




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

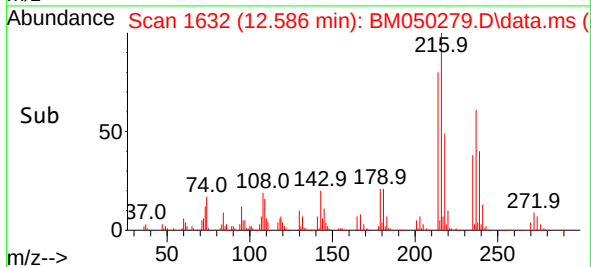
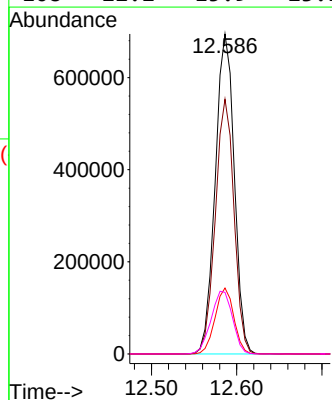
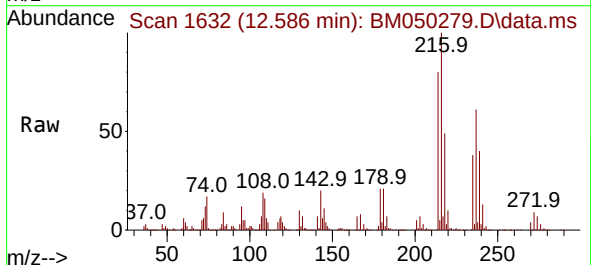
Instrument :
BNA_M
ClientSampleId :
PB168422BS

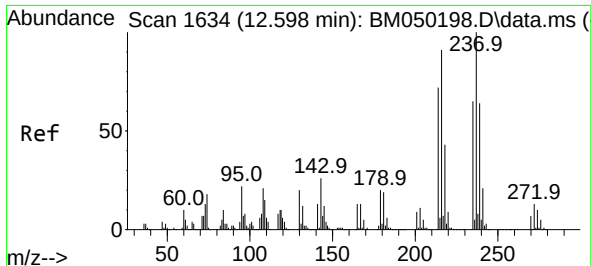
Tgt Ion:164 Resp: 820279
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.4
160 45.2 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.562 ng
RT: 12.586 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

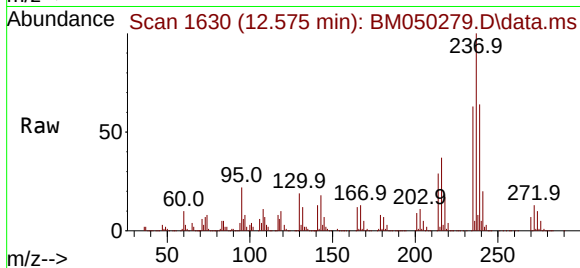
Tgt Ion:216 Resp: 1079199
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.4 16.6 25.0
108 22.2 15.9 23.9



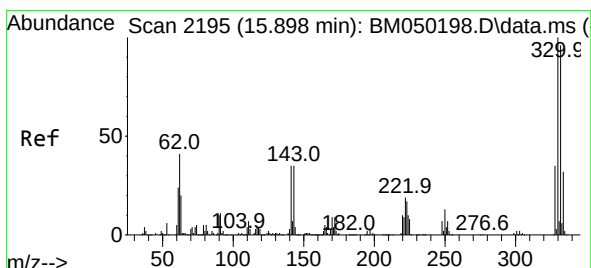
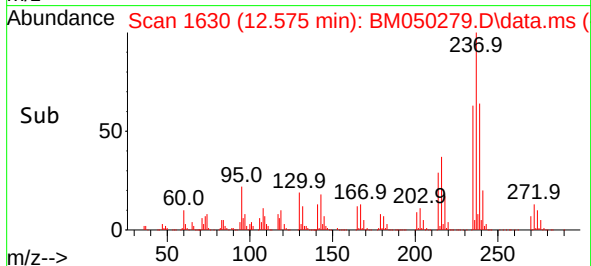
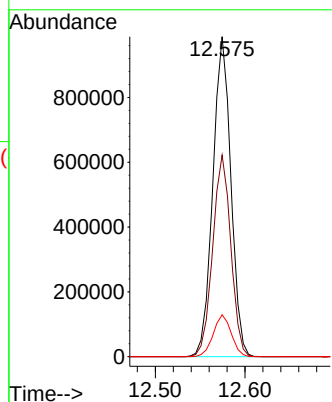


#41
Hexachlorocyclopentadiene
Concen: 95.831 ng
RT: 12.575 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Instrument :
BNA_M
ClientSampleId :
PB168422BS

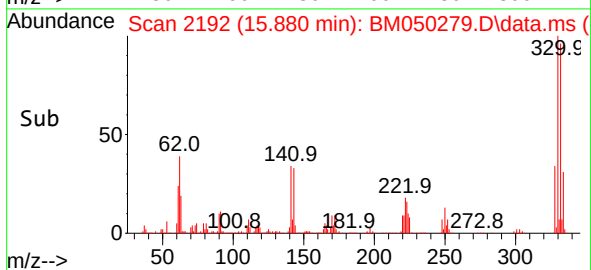
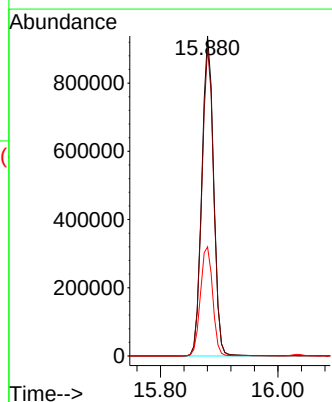
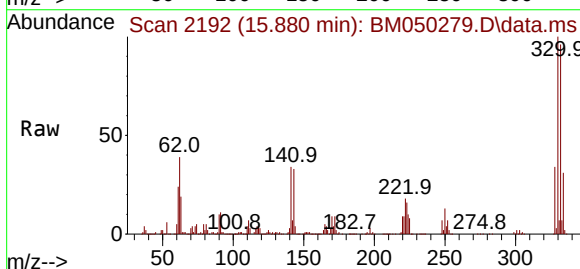


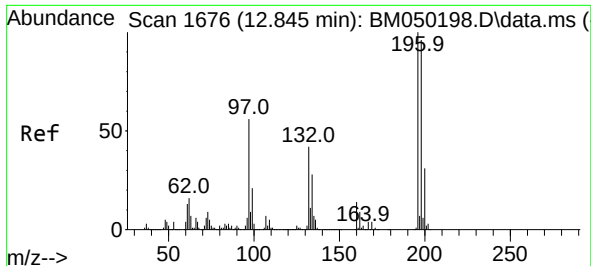
Tgt Ion:237 Resp: 1378505
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.1 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 139.996 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:330 Resp: 1306178
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 35.5 28.8 43.2

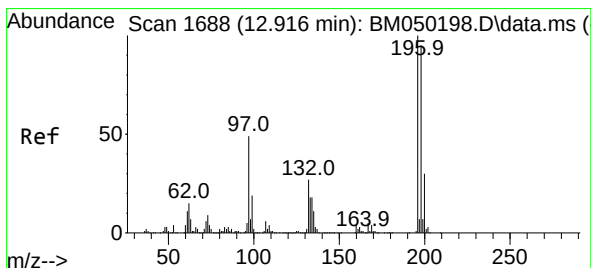
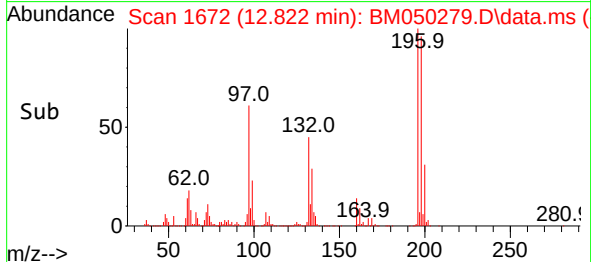
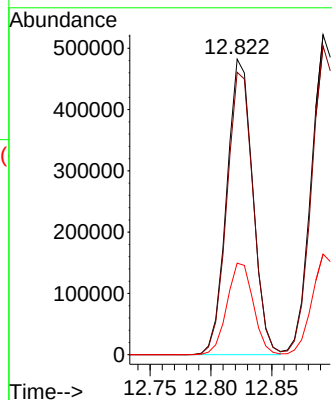
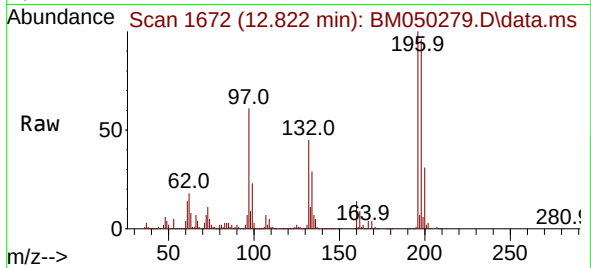




#43
2,4,6-Trichlorophenol
Concen: 46.107 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

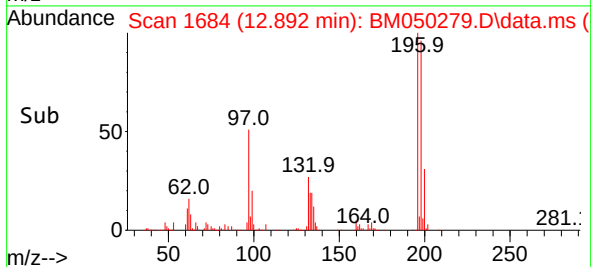
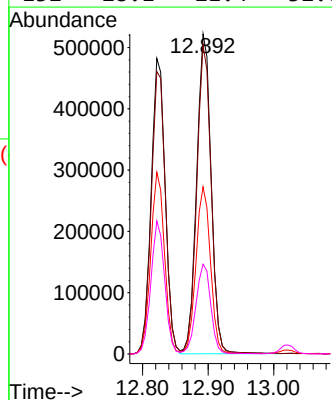
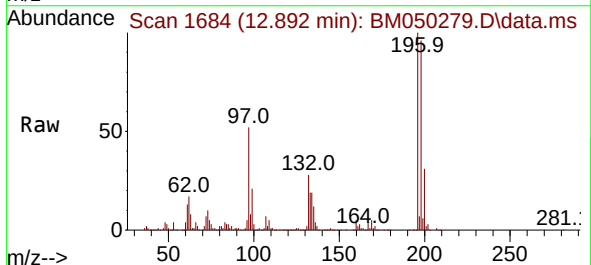
Instrument :
BNA_M
ClientSampleId :
PB168422BS

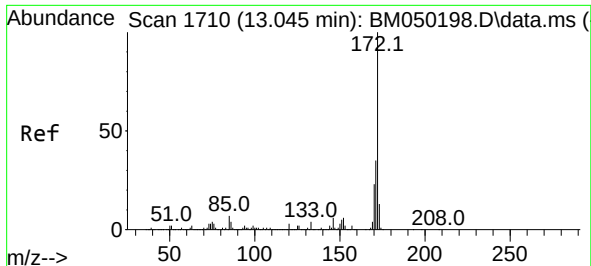
Tgt Ion:196 Resp: 718186
Ion Ratio Lower Upper
196 100
198 95.6 76.6 115.0
200 31.0 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 47.042 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:196 Resp: 804528
Ion Ratio Lower Upper
196 100
198 96.4 76.1 114.1
97 52.2 39.3 58.9
132 28.1 21.4 32.0

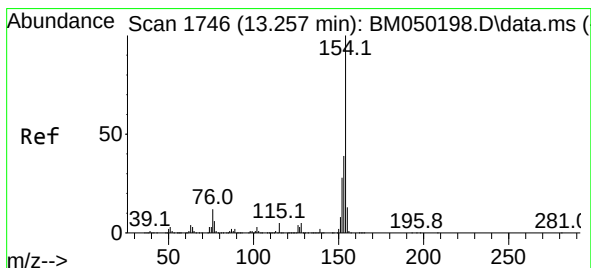
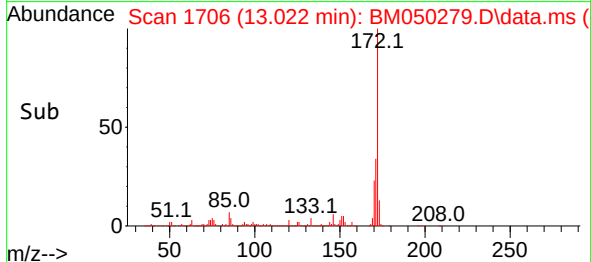
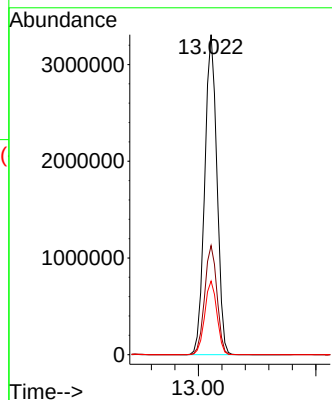
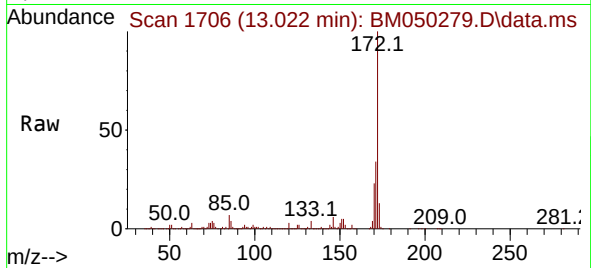




#45
2-Fluorobiphenyl
Concen: 78.772 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

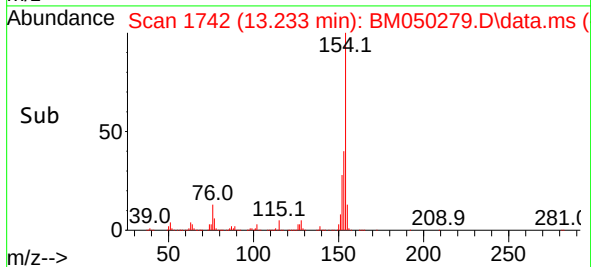
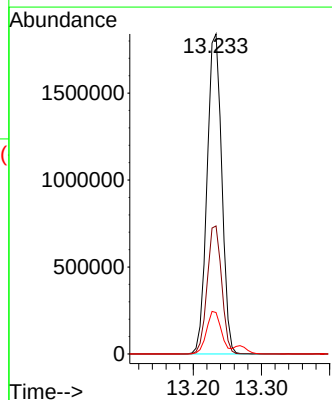
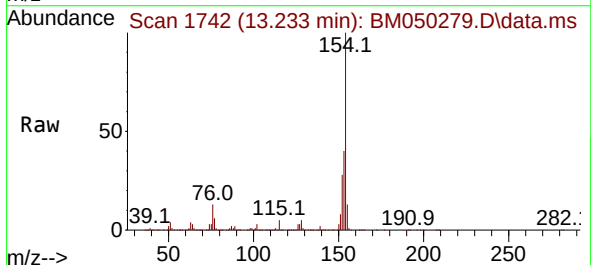
Instrument :
BNA_M
ClientSampleId :
PB168422BS

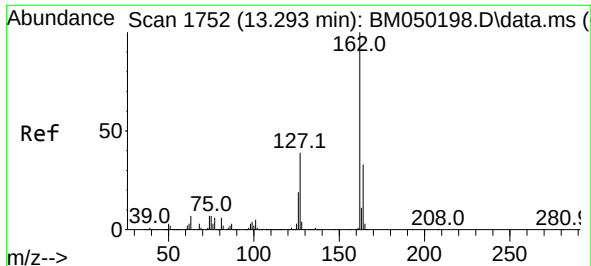
Tgt Ion:172 Resp: 4772689
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.836 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:154 Resp: 2753920
Ion Ratio Lower Upper
154 100
153 40.0 19.2 59.2
76 13.0 0.0 32.0

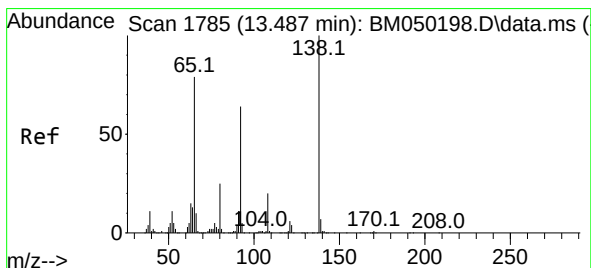
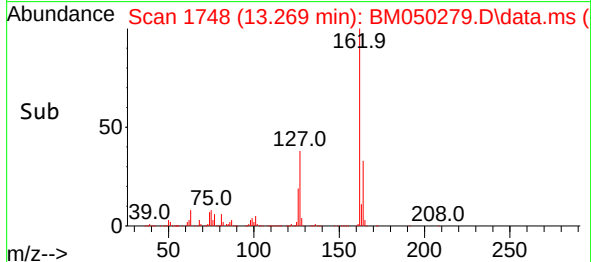
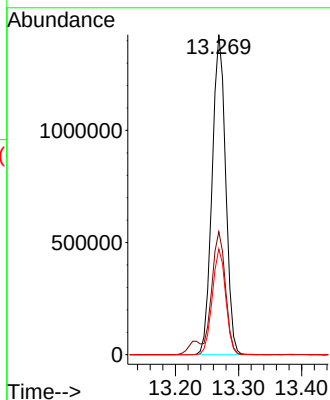
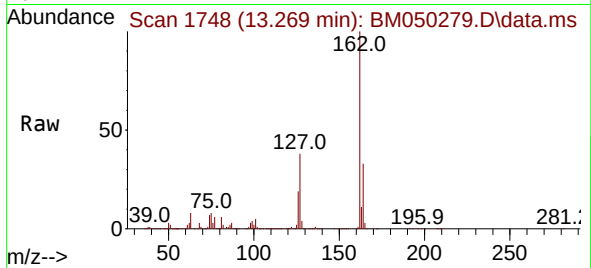




#47
2-Chloronaphthalene
Concen: 44.507 ng
RT: 13.269 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

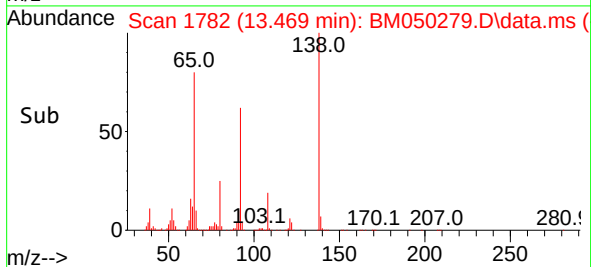
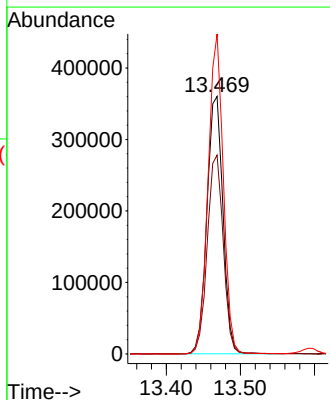
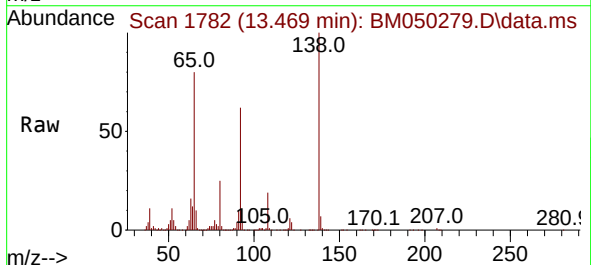
Instrument :
BNA_M
ClientSampleId :
PB168422BS

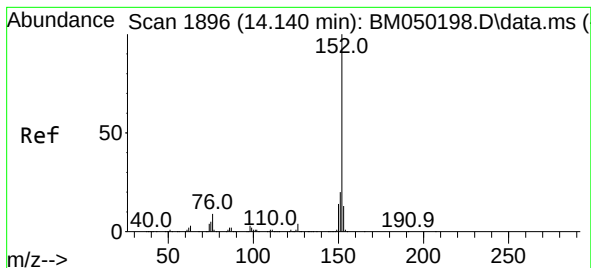
Tgt Ion:162 Resp: 2125274
Ion Ratio Lower Upper
162 100
127 38.5 31.1 46.7
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 51.529 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 65 Resp: 541484
Ion Ratio Lower Upper
65 100
92 77.2 64.2 96.4
138 124.2 101.0 151.4





#49

Acenaphthylene

Concen: 45.089 ng

RT: 14.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

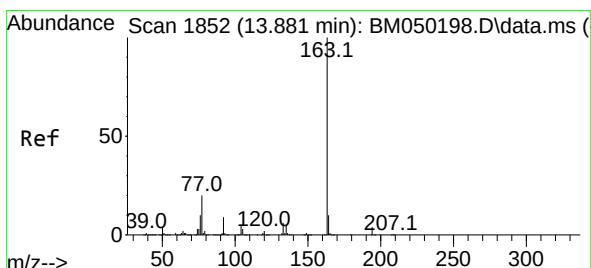
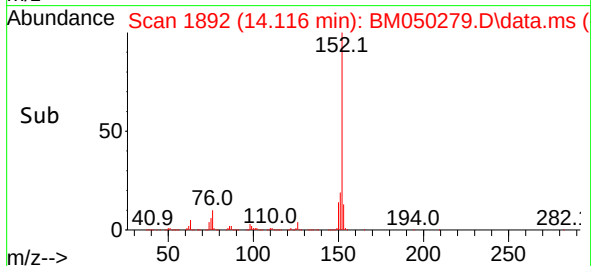
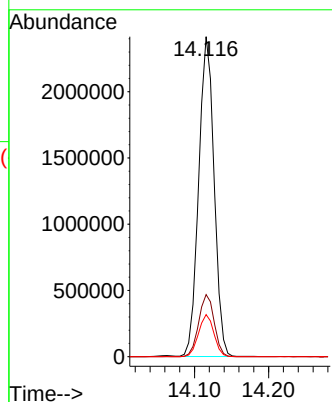
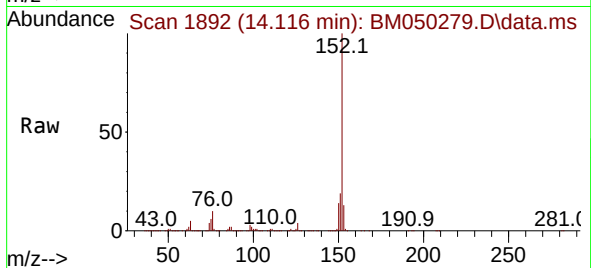
Tgt Ion:152 Resp: 3482423

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 46.112 ng

RT: 13.857 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

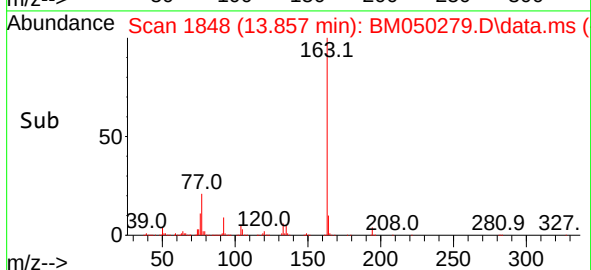
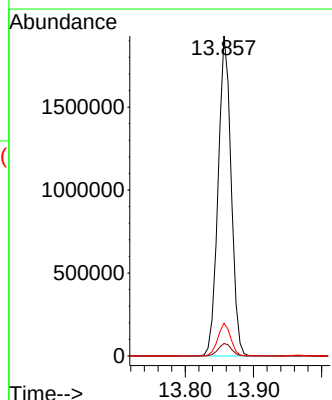
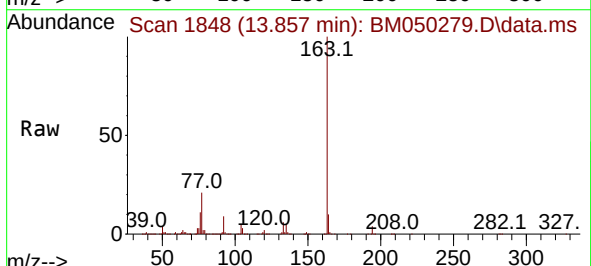
Tgt Ion:163 Resp: 2558075

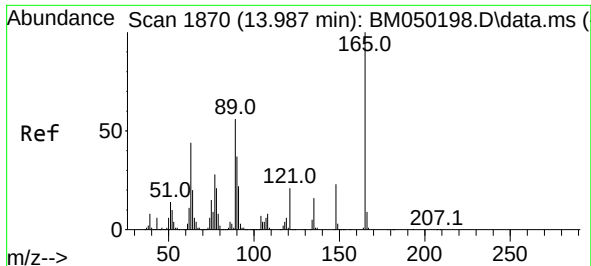
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 7.9 11.9

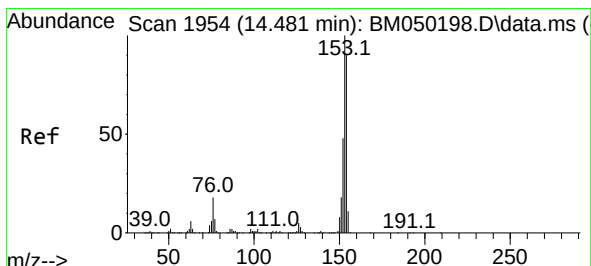
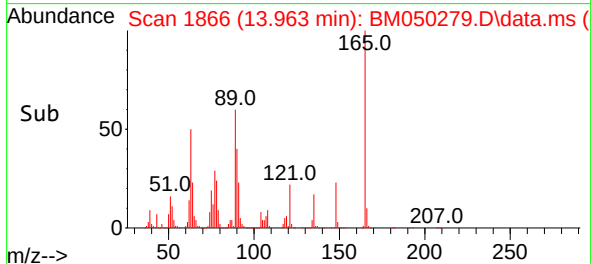
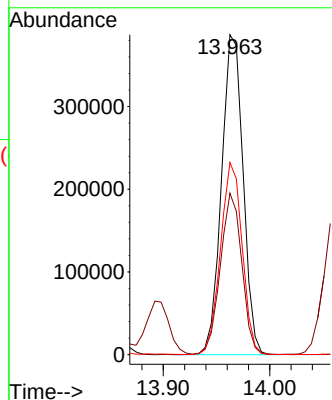
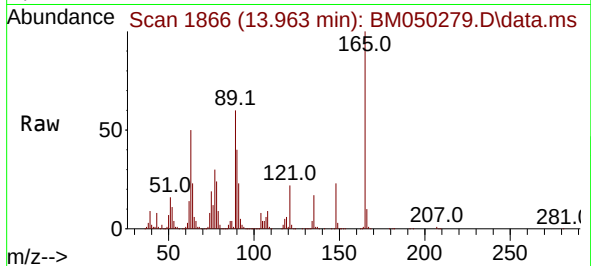




#51
2,6-Dinitrotoluene
Concen: 48.608 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

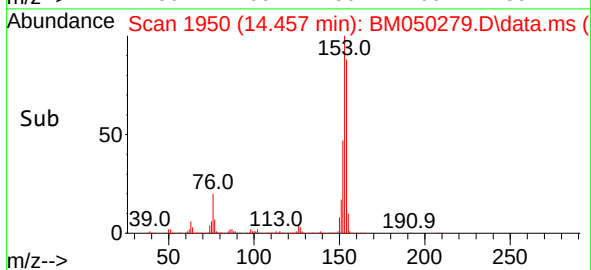
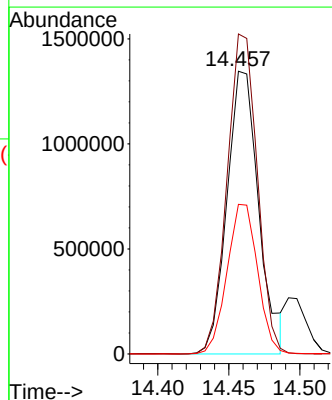
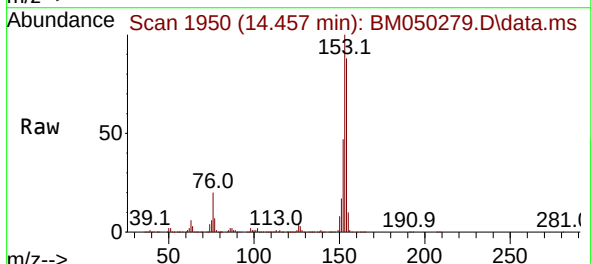
Instrument :
BNA_M
ClientSampleId :
PB168422BS

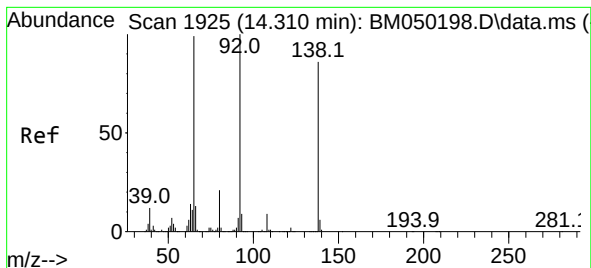
Tgt Ion:165 Resp: 543804
Ion Ratio Lower Upper
165 100
63 50.4 35.8 53.6
89 60.0 44.8 67.2



#52
Acenaphthene
Concen: 43.394 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:154 Resp: 2096302
Ion Ratio Lower Upper
154 100
153 113.2 88.7 133.1
152 52.9 42.6 63.8

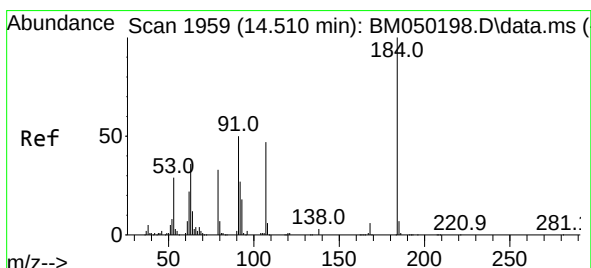
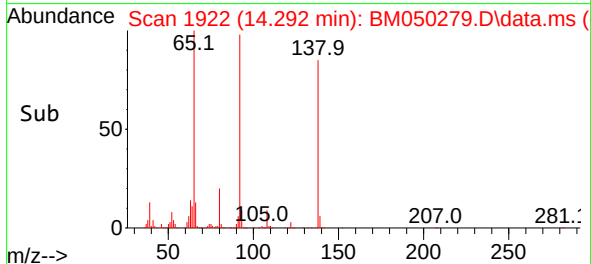
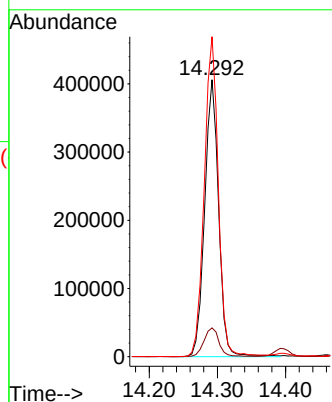
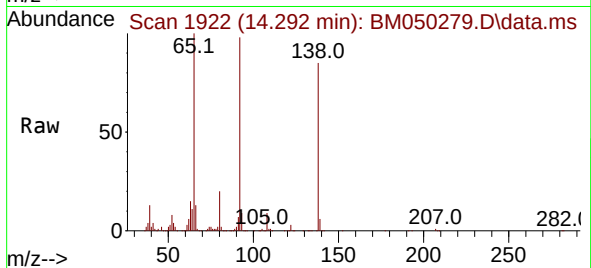




#53
3-Nitroaniline
Concen: 46.339 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

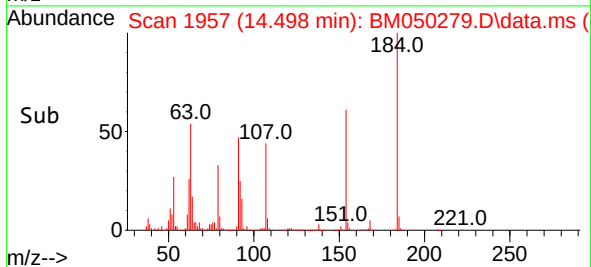
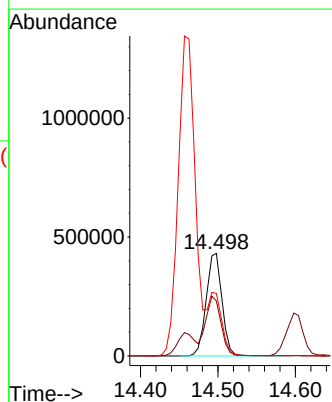
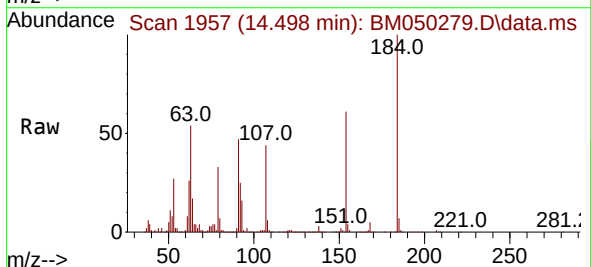
Instrument :
BNA_M
ClientSampleId :
PB168422BS

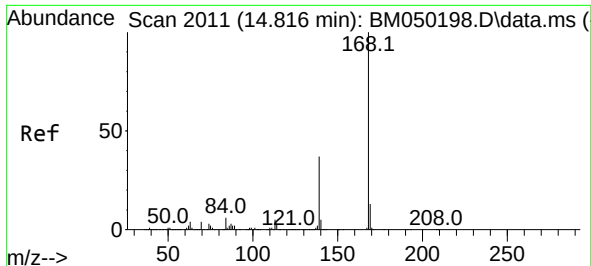
Tgt Ion:138 Resp: 577781
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 115.6 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 95.119 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:184 Resp: 610018
Ion Ratio Lower Upper
184 100
63 53.7 45.3 67.9
154 61.1 54.3 81.5

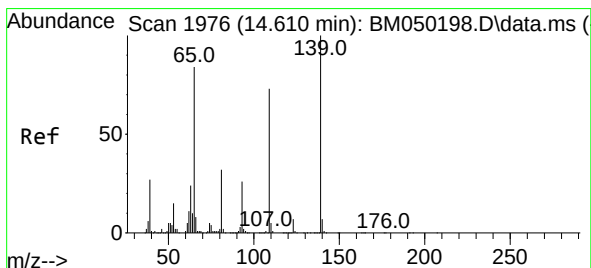
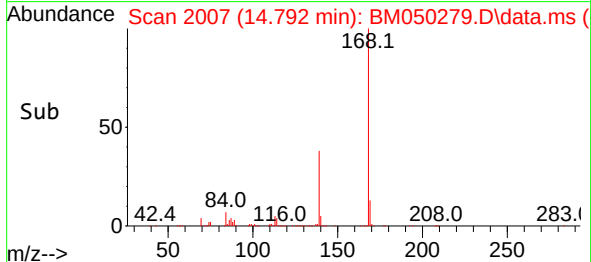
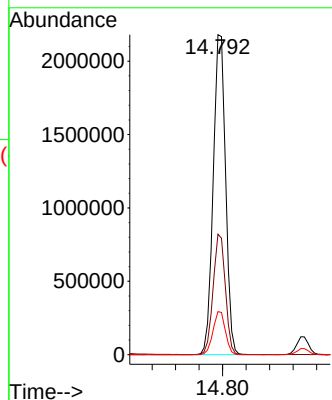
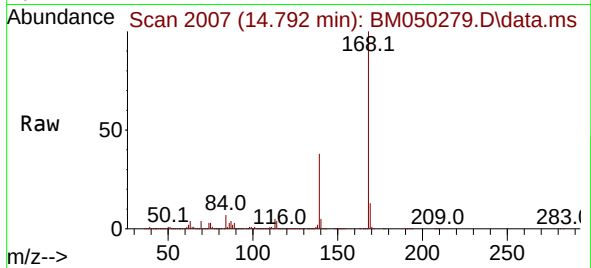




#55
Dibenzofuran
Concen: 45.084 ng
RT: 14.792 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

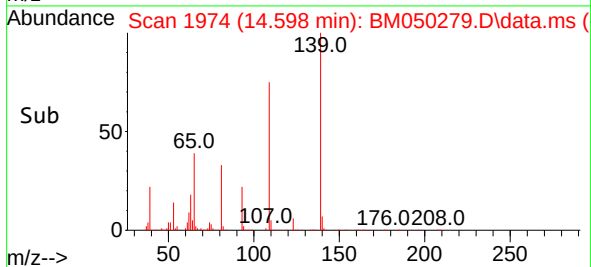
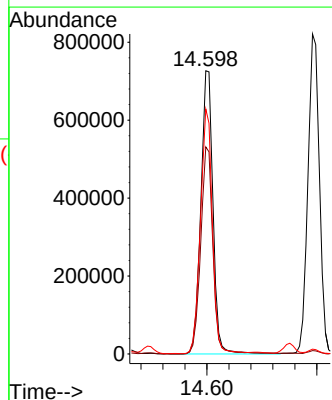
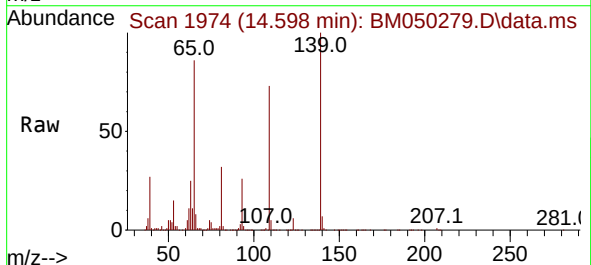
Instrument :
BNA_M
ClientSampleId :
PB168422BS

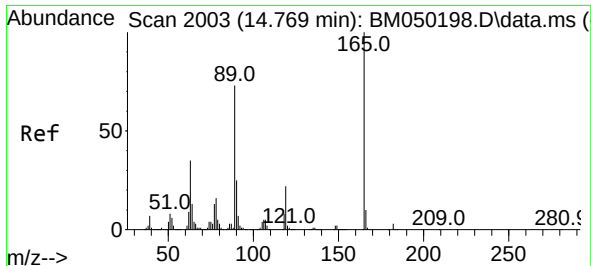
Tgt Ion:168 Resp: 3186299
Ion Ratio Lower Upper
168 100
139 37.7 29.9 44.9
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 105.401 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:139 Resp: 1118559
Ion Ratio Lower Upper
139 100
109 73.1 52.6 92.6
65 86.5 64.3 104.3

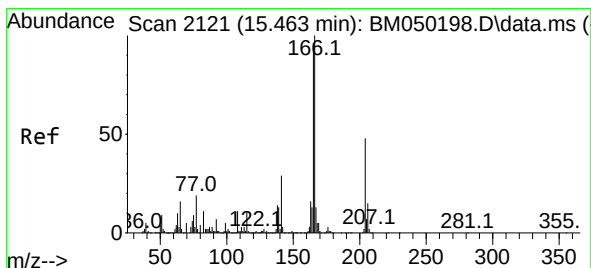
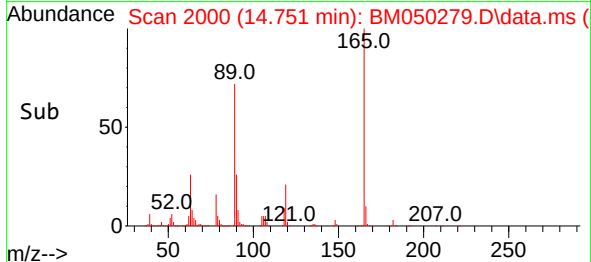
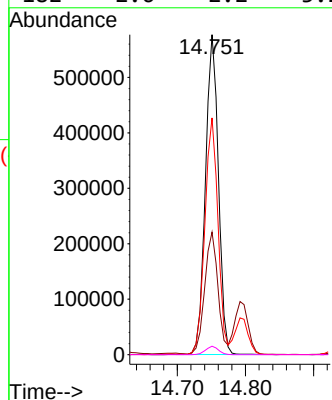
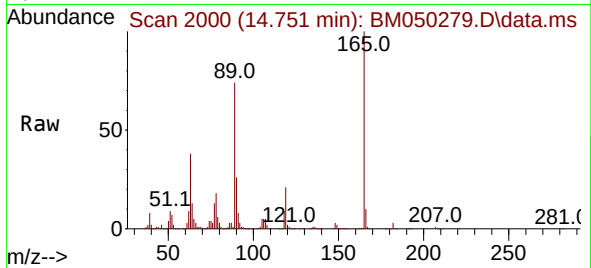




#57
2,4-Dinitrotoluene
Concen: 51.699 ng
RT: 14.751 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

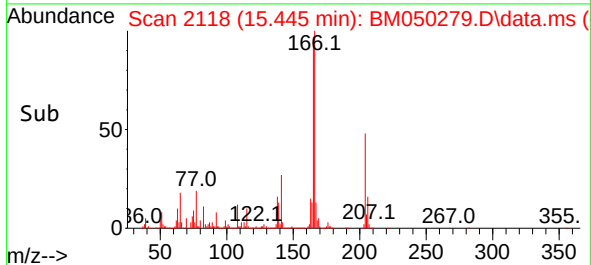
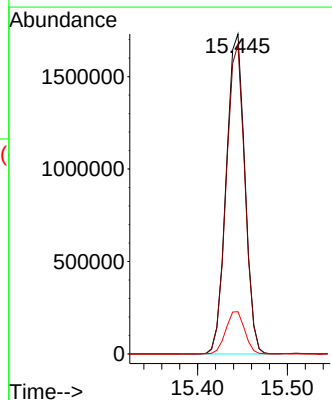
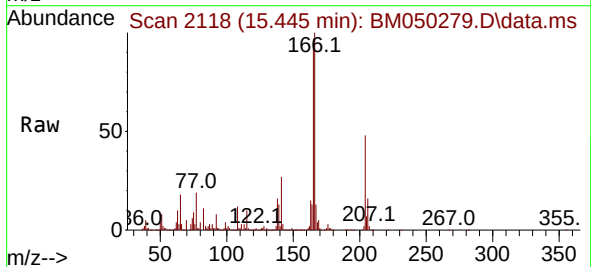
Instrument :
BNA_M
ClientSampleId :
PB168422BS

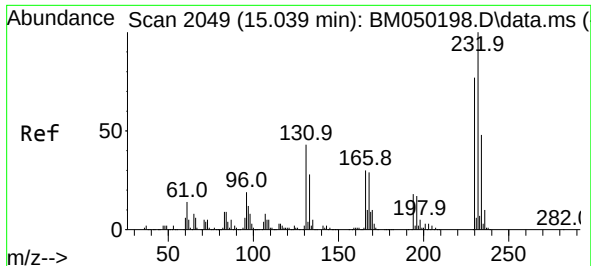
Tgt Ion:165 Resp: 762971
Ion Ratio Lower Upper
165 100
63 38.3 28.4 42.6
89 74.0 58.0 87.0
182 2.6 2.2 3.2



#58
Fluorene
Concen: 46.088 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

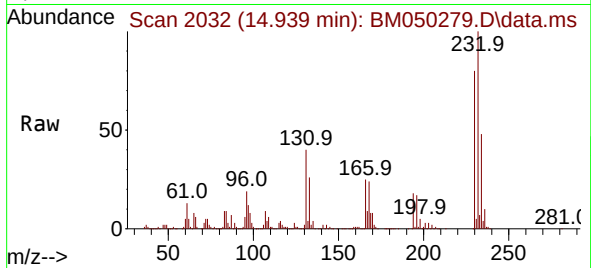
Tgt Ion:166 Resp: 2494801
Ion Ratio Lower Upper
166 100
165 96.7 77.0 115.4
167 13.2 10.7 16.1



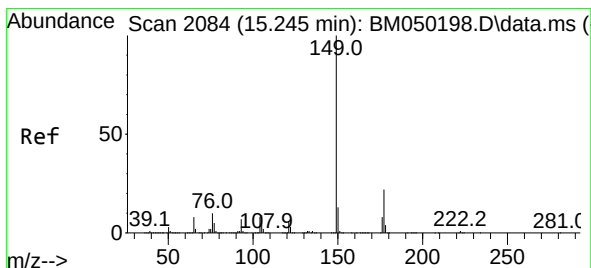
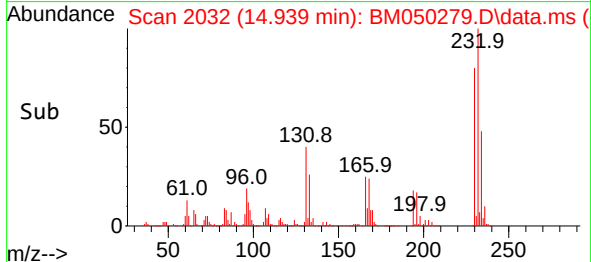
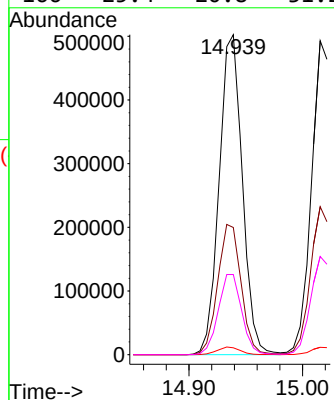


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.180 ng
RT: 14.939 min Scan# 2032
Delta R.T. -0.082 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Instrument :
BNA_M
ClientSampleId :
PB168422BS

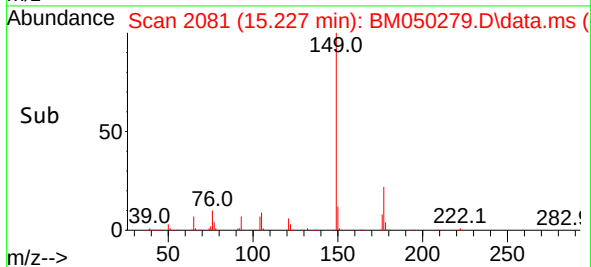
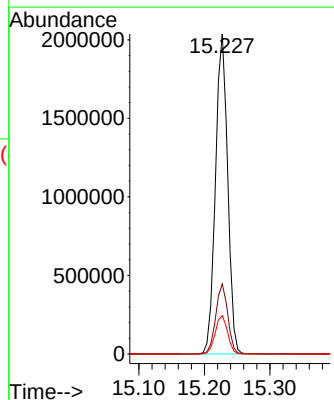
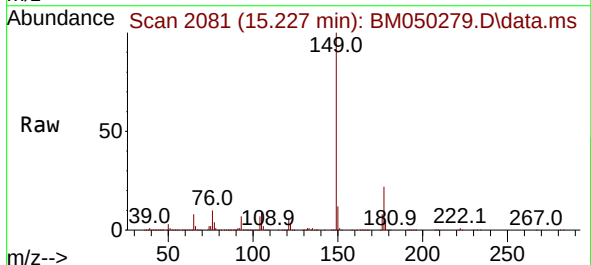


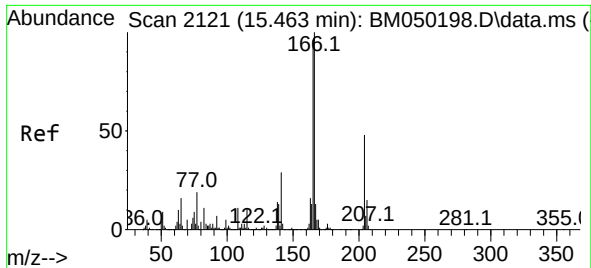
Tgt Ion:232 Resp: 712902
Ion Ratio Lower Upper
232 100
131 41.1 32.9 49.3
130 2.4 1.8 2.8
166 25.4 20.8 31.2



#60
Diethylphthalate
Concen: 47.632 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 2621821
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.0 10.0 15.0

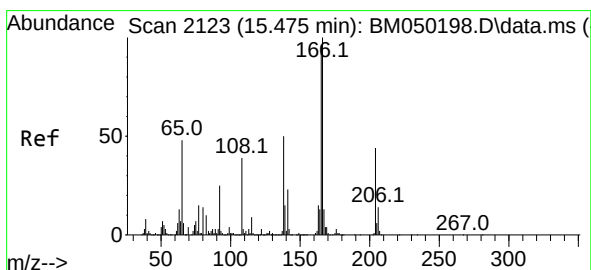
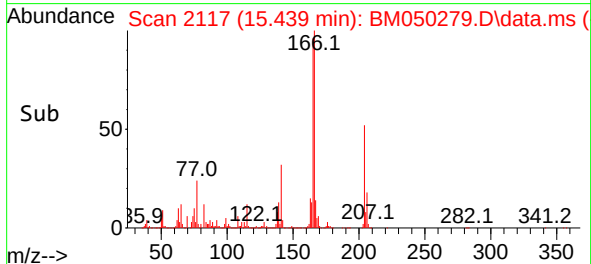
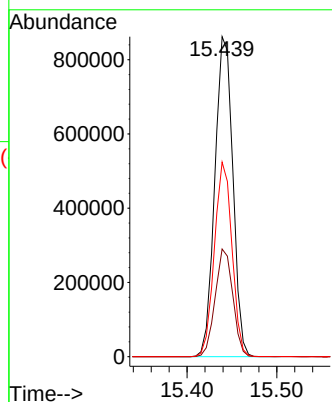
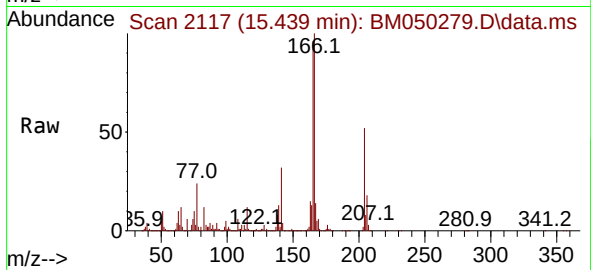




#61
4-Chlorophenyl-phenylether
Concen: 45.931 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

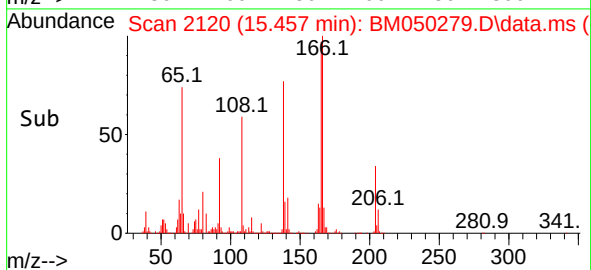
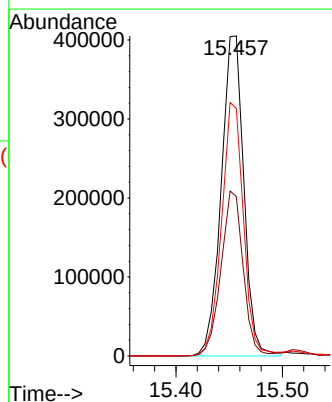
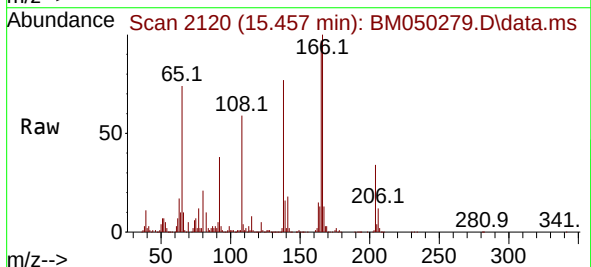
Instrument :
BNA_M
ClientSampleId :
PB168422BS

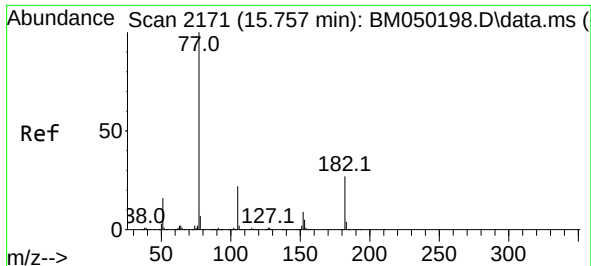
Tgt Ion:204 Resp: 1201635
Ion Ratio Lower Upper
204 100
206 33.6 25.4 38.0
141 60.8 47.9 71.9



#62
4-Nitroaniline
Concen: 51.160 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:138 Resp: 597874
Ion Ratio Lower Upper
138 100
92 49.8 28.8 68.8
108 77.3 58.1 98.1

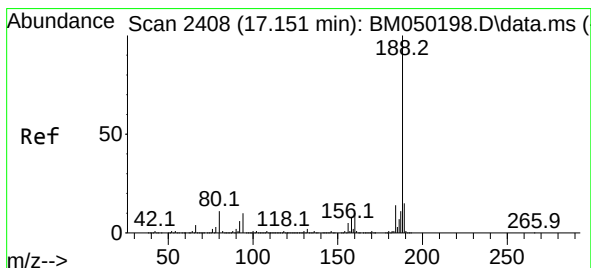
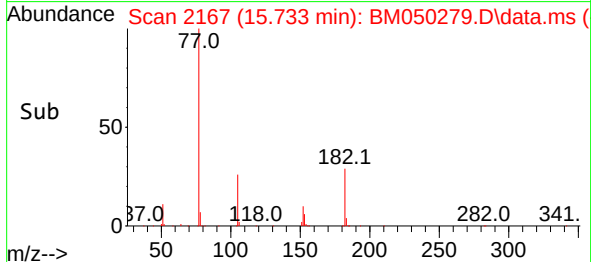
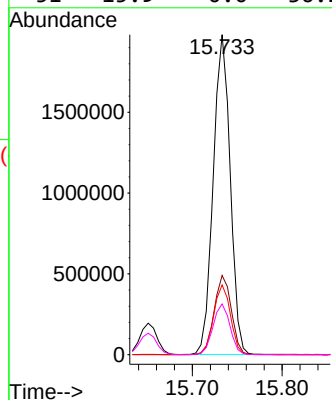
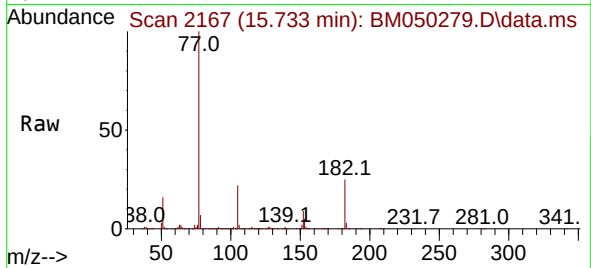




#63
Azobenzene
Concen: 47.194 ng
RT: 15.733 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

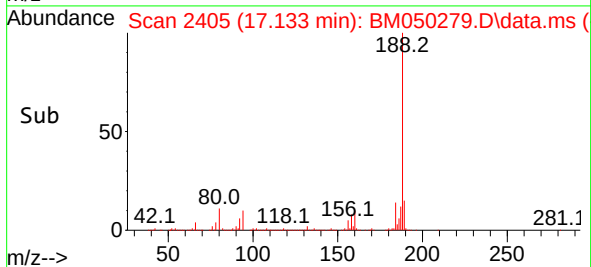
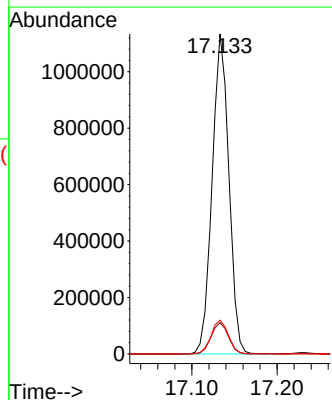
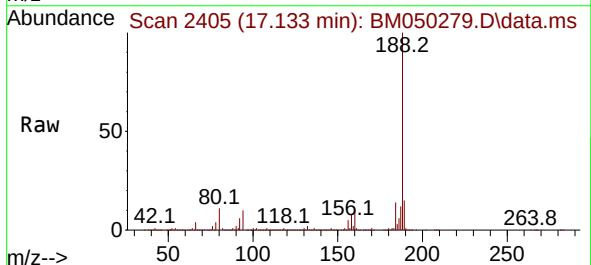
Instrument :
BNA_M
ClientSampleId :
PB168422BS

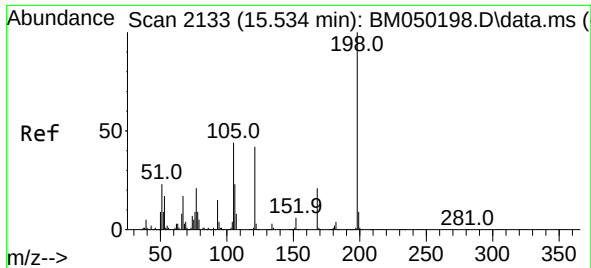
Tgt Ion: 77 Resp: 2596412
Ion Ratio Lower Upper
77 100
182 24.7 6.8 46.8
105 21.8 1.7 41.7
51 15.9 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion: 188 Resp: 1545819
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.5 8.6 13.0

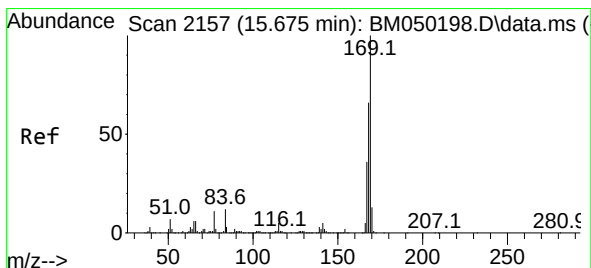
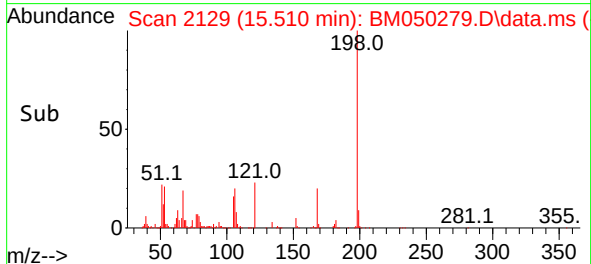
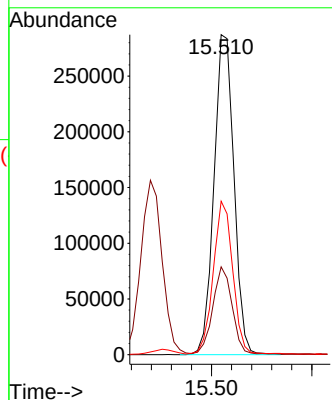
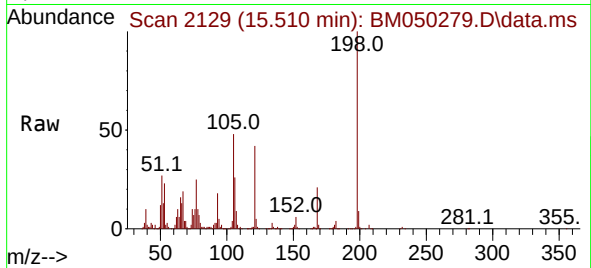




#65
4,6-Dinitro-2-methylphenol
Concen: 47.026 ng
RT: 15.510 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

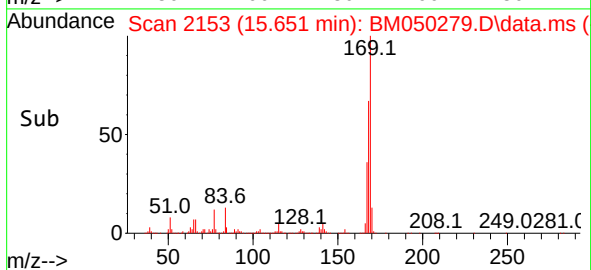
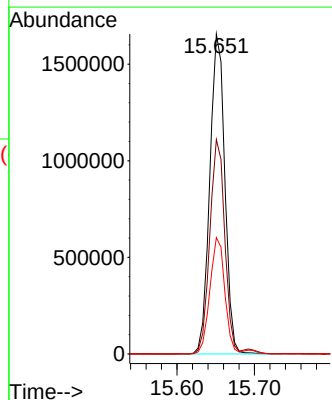
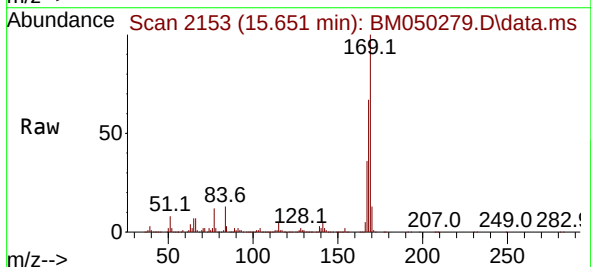
Instrument :
BNA_M
ClientSampleId :
PB168422BS

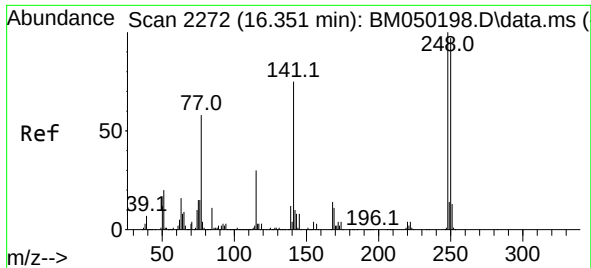
Tgt Ion:198 Resp: 397041
Ion Ratio Lower Upper
198 100
51 27.5 4.5 44.5
105 47.9 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 45.864 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:169 Resp: 2227656
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 36.4 29.0 43.6

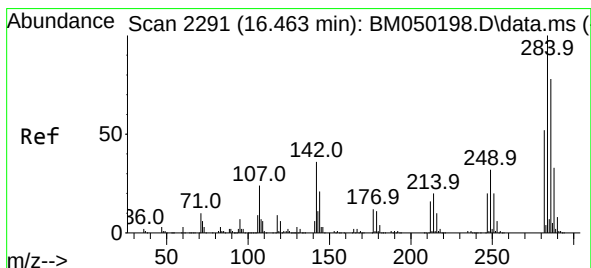
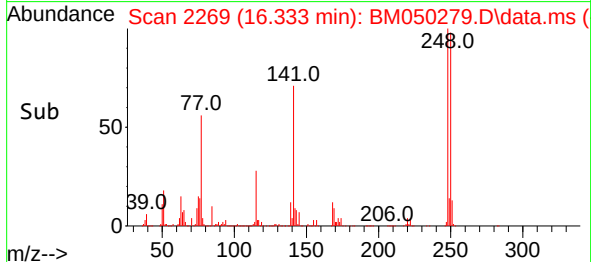
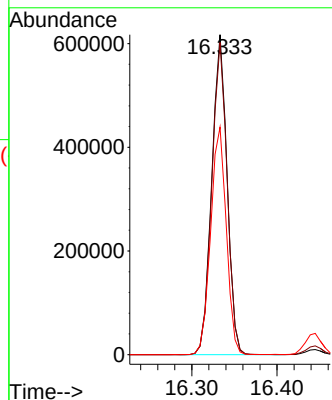
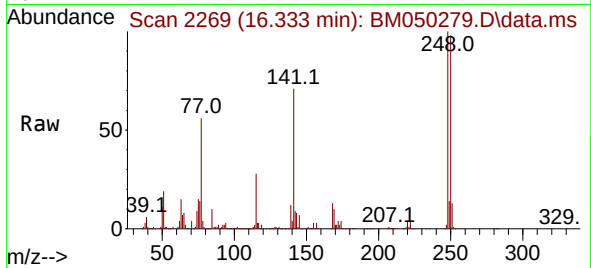




#67
4-Bromophenyl-phenylether
Concen: 46.735 ng
RT: 16.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

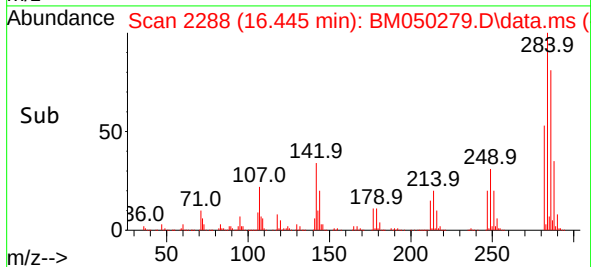
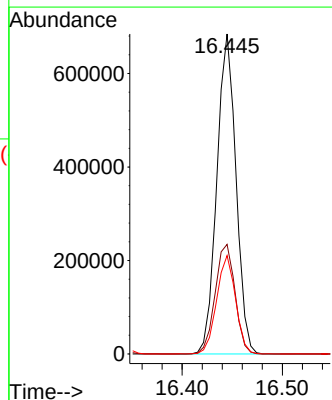
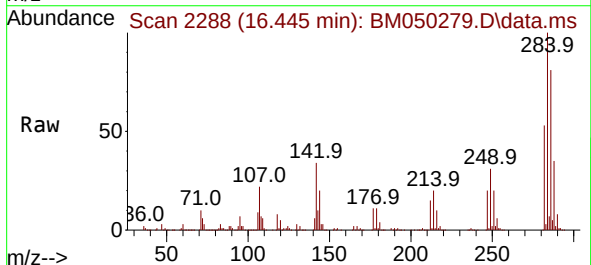
Instrument :
BNA_M
ClientSampleId :
PB168422BS

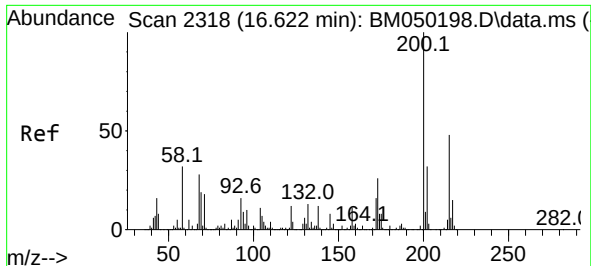
Tgt Ion:248 Resp: 770398
Ion Ratio Lower Upper
248 100
250 97.6 78.0 117.0
141 71.1 60.1 90.1



#68
Hexachlorobenzene
Concen: 47.038 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:284 Resp: 905927
Ion Ratio Lower Upper
284 100
142 34.3 28.8 43.2
249 30.8 25.8 38.6

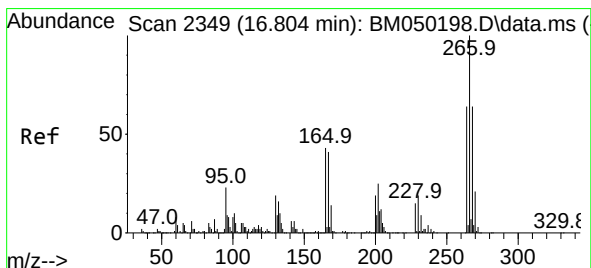
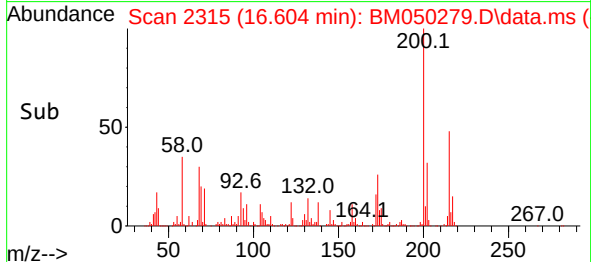
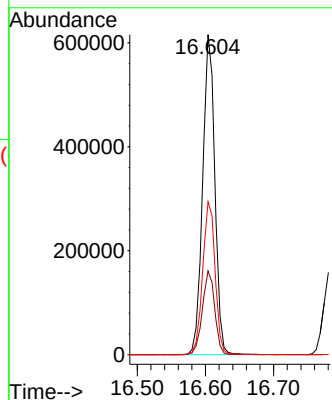
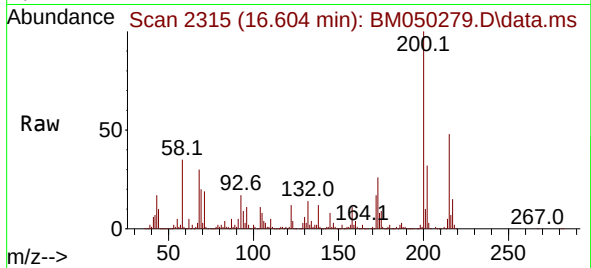




#69
Atrazine
Concen: 49.508 ng
RT: 16.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

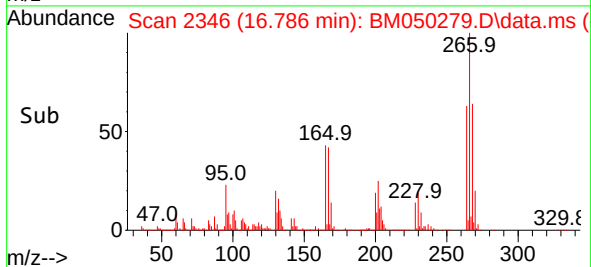
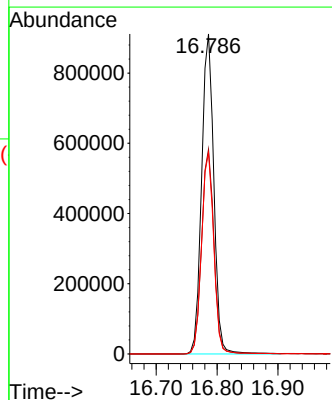
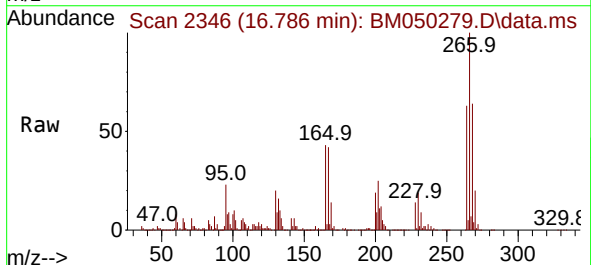
Instrument :
BNA_M
ClientSampleId :
PB168422BS

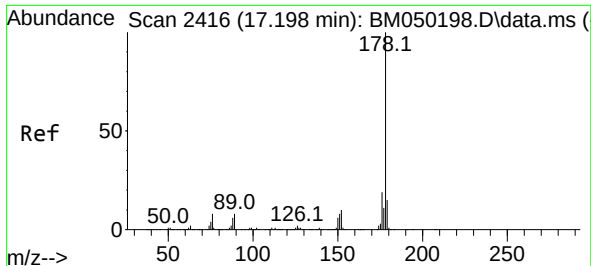
Tgt Ion:200 Resp: 766193
Ion Ratio Lower Upper
200 100
173 26.1 6.0 46.0
215 47.8 28.1 68.1



#70
Pentachlorophenol
Concen: 100.969 ng
RT: 16.786 min Scan# 2346
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:266 Resp: 1264309
Ion Ratio Lower Upper
266 100
268 64.0 51.0 76.6
264 62.9 50.8 76.2

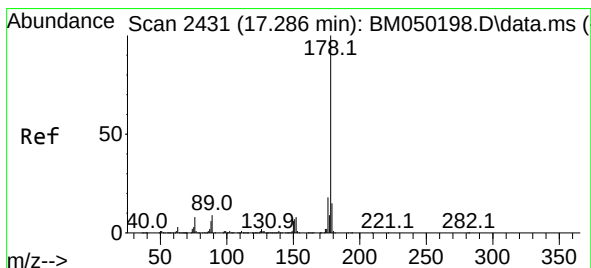
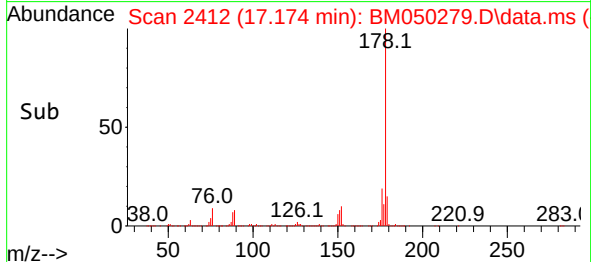
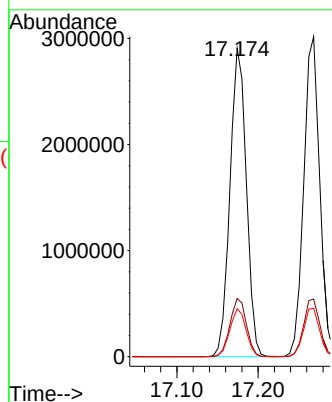
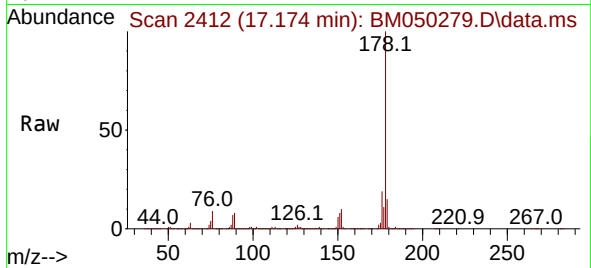




#71
Phenanthrene
Concen: 46.211 ng
RT: 17.174 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

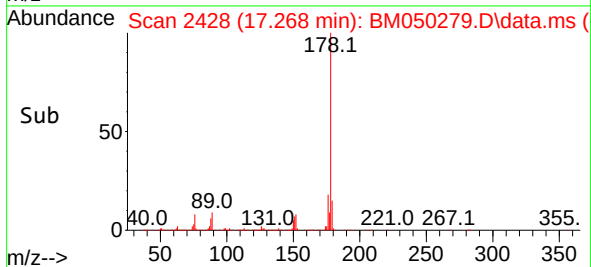
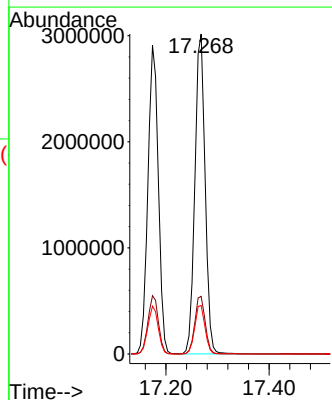
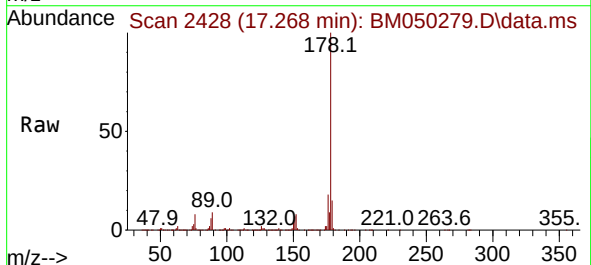
Instrument :
BNA_M
ClientSampleId :
PB168422BS

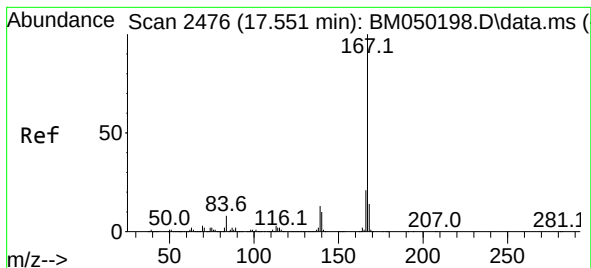
Tgt Ion:178 Resp: 4080812
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.5 12.3 18.5



#72
Anthracene
Concen: 46.886 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:178 Resp: 4142038
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.2 12.3 18.5





#73

Carbazole

Concen: 48.701 ng

RT: 17.533 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

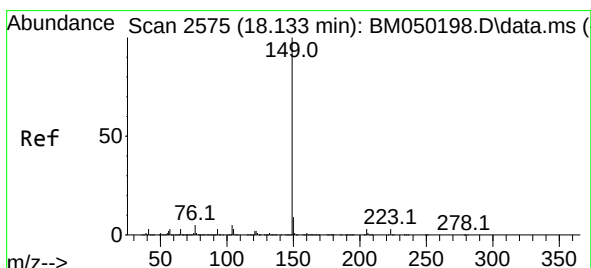
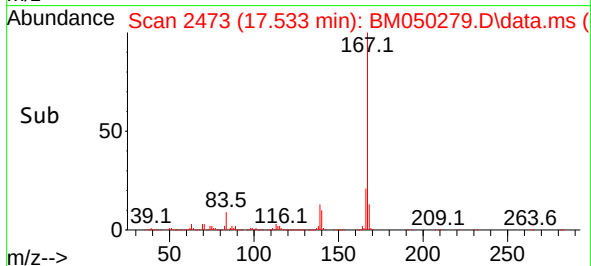
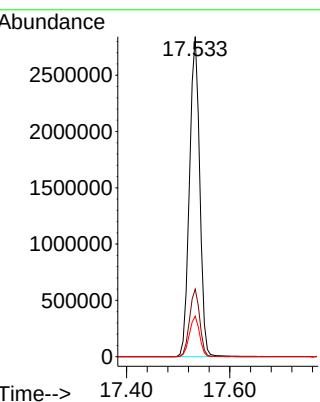
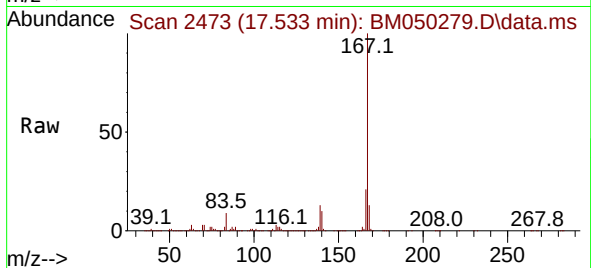
Tgt Ion:167 Resp: 3919579

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 50.820 ng

RT: 18.115 min Scan# 2572

Delta R.T. 0.000 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

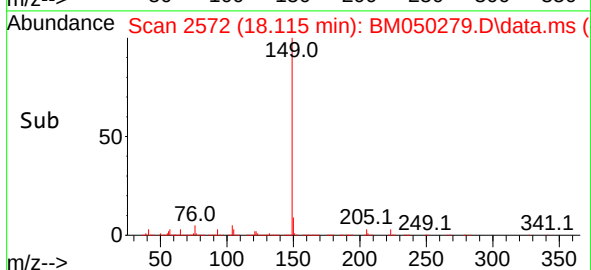
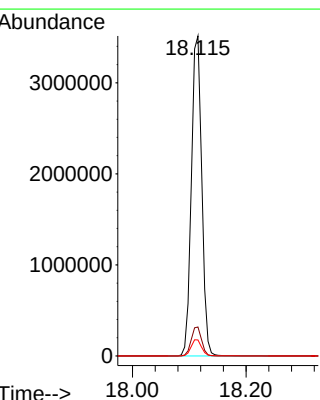
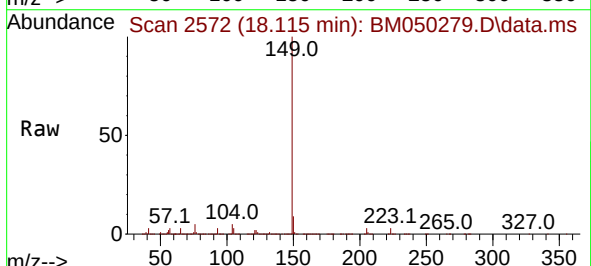
Tgt Ion:149 Resp: 4450352

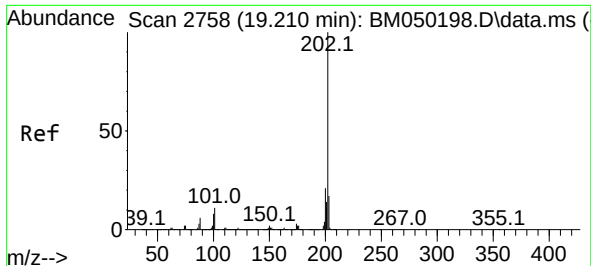
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.0 6.0

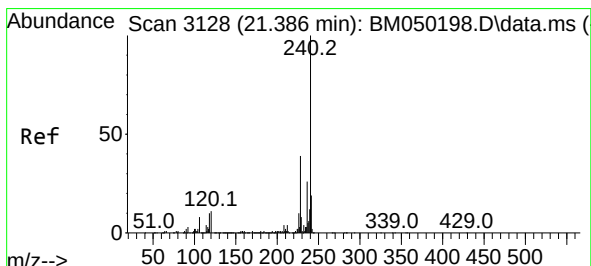
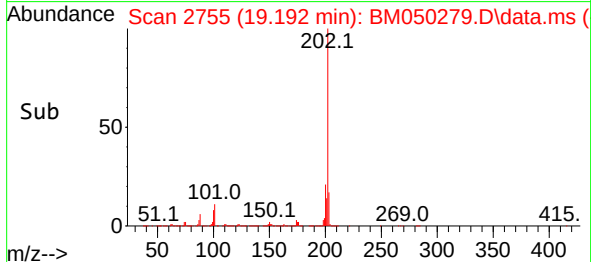
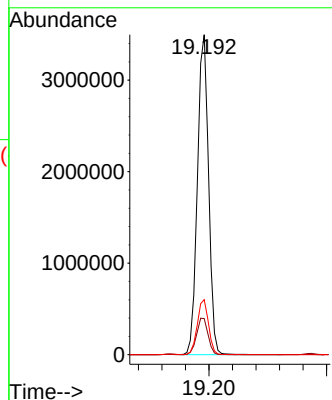
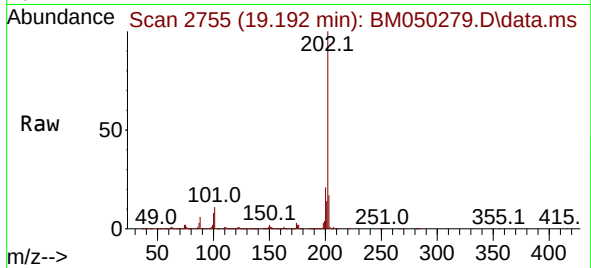




#75
Fluoranthene
Concen: 49.287 ng
RT: 19.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

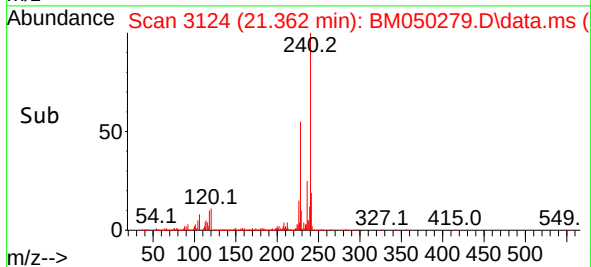
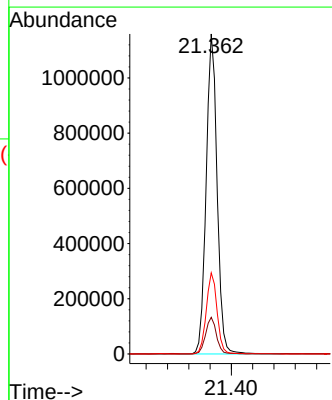
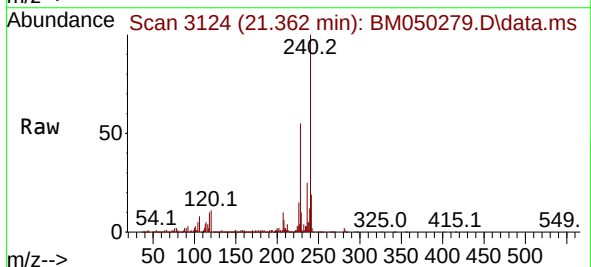
Instrument :
BNA_M
ClientSampleId :
PB168422BS

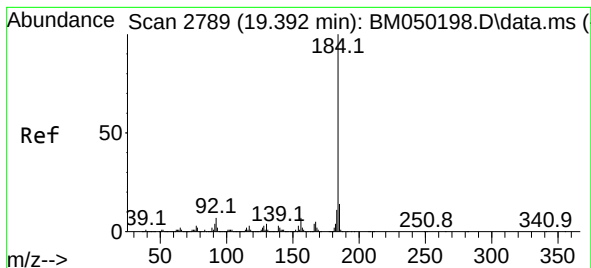
Tgt Ion:202 Resp: 4589967
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.1
203 17.2 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:240 Resp: 1653111
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.3 20.7 31.1





#77

Benzidine

Concen: 54.162 ng

RT: 19.374 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

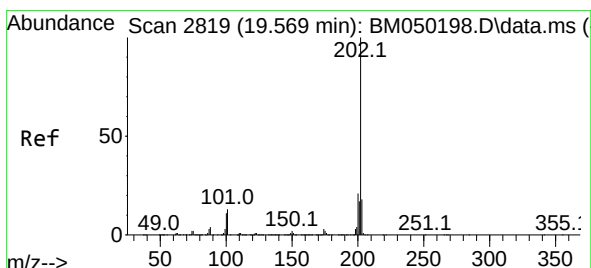
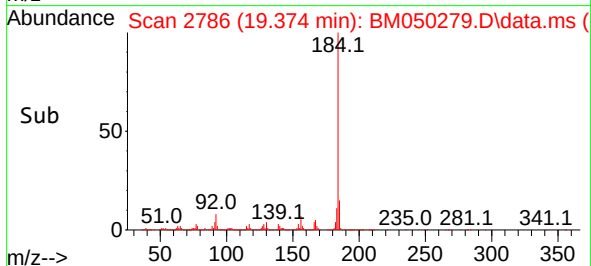
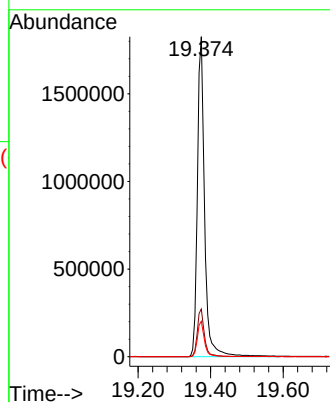
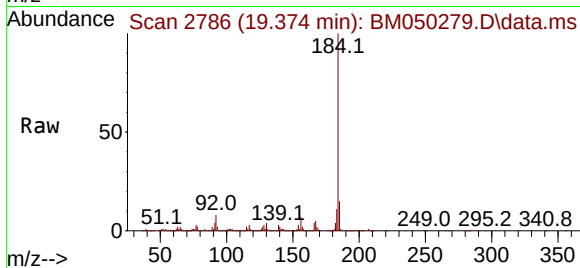
Tgt Ion:184 Resp: 2517805

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 44.443 ng

RT: 19.551 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

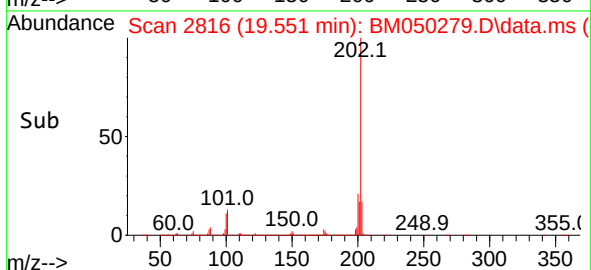
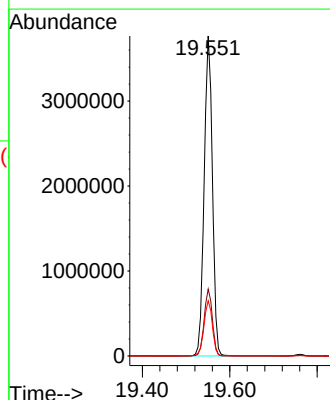
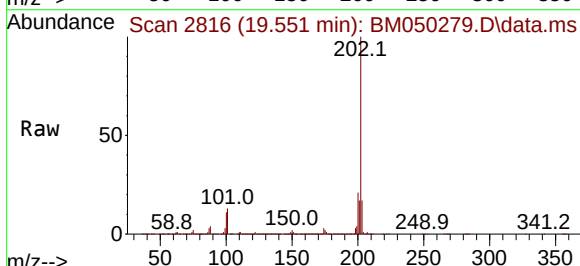
Tgt Ion:202 Resp: 4951901

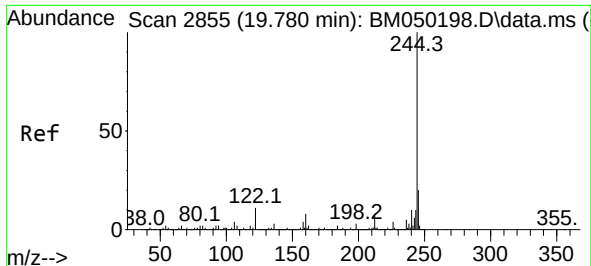
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.3 14.1 21.1

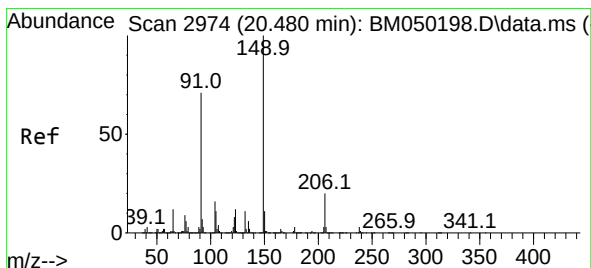
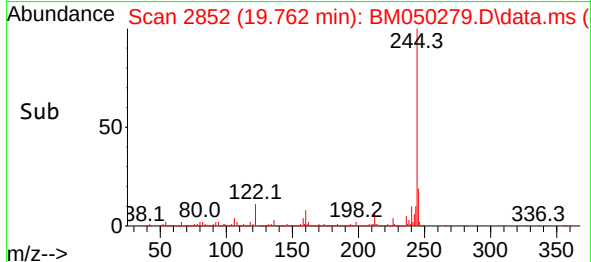
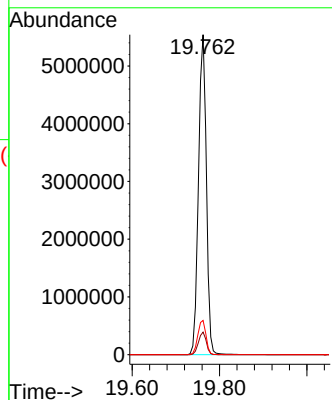
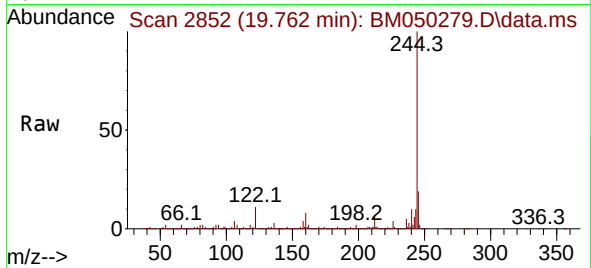




#79
 Terphenyl-d14
 Concen: 79.839 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050279.D
 Acq: 11 Jun 2025 18:04

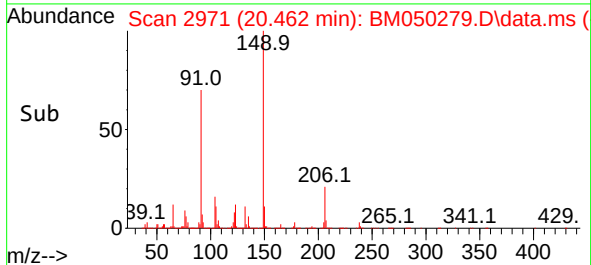
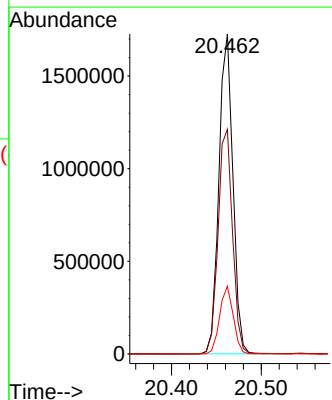
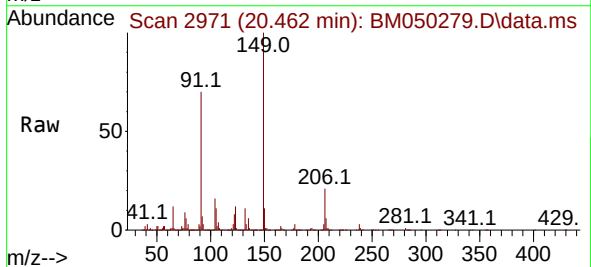
Instrument :
 BNA_M
 ClientSampleId :
 PB168422BS

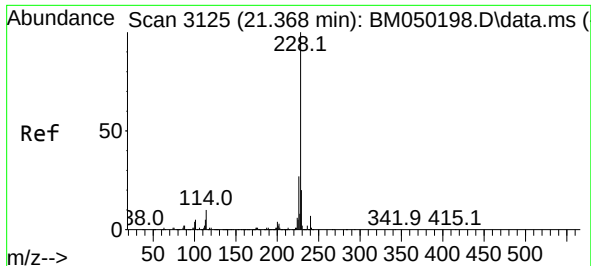
Tgt Ion:244 Resp: 6964676
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.7 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 50.222 ng
 RT: 20.462 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BM050279.D
 Acq: 11 Jun 2025 18:04

Tgt Ion:149 Resp: 1866563
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.9 85.3
 206 21.2 16.1 24.1

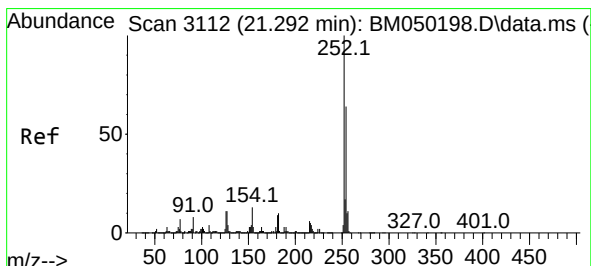
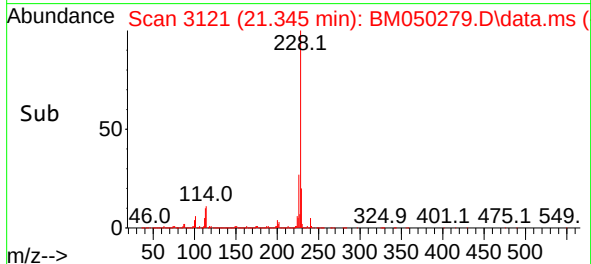
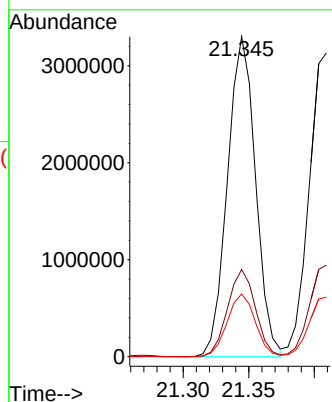
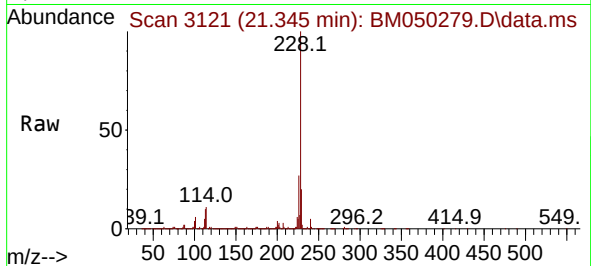




#81
Benzo(a)anthracene
Concen: 47.027 ng
RT: 21.345 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

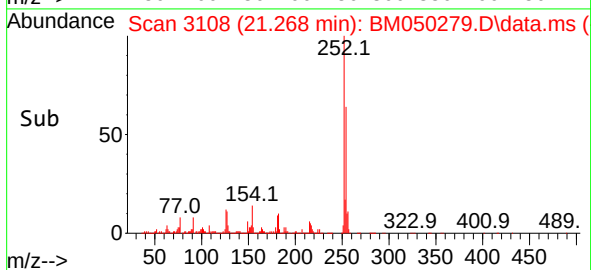
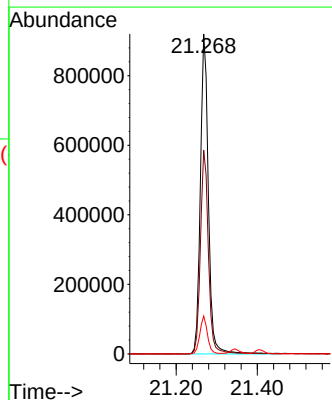
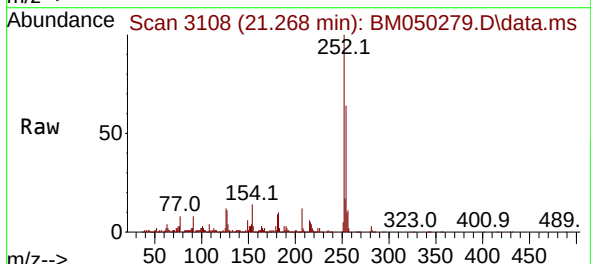
Instrument :
BNA_M
ClientSampleId :
PB168422BS

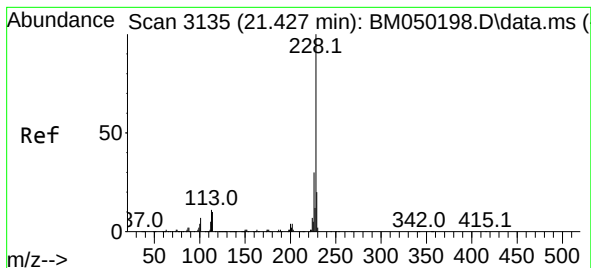
Tgt Ion:228 Resp: 4920652
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.681 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM050279.D
Acq: 11 Jun 2025 18:04

Tgt Ion:252 Resp: 1266170
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 11.8 8.6 12.8





#83

Chrysene

Concen: 47.708 ng

RT: 21.409 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

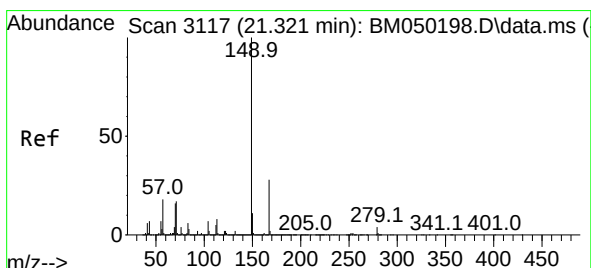
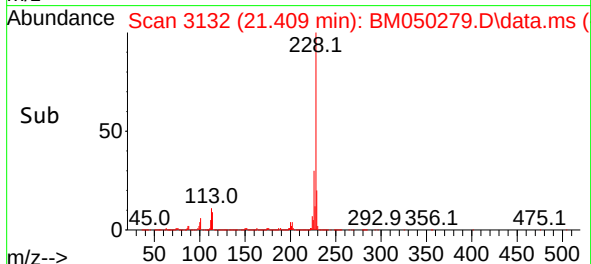
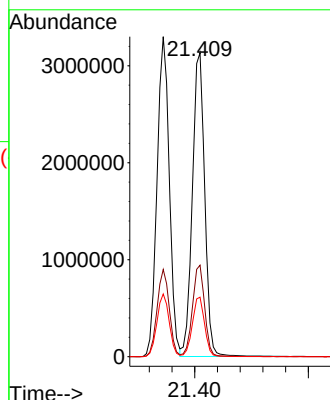
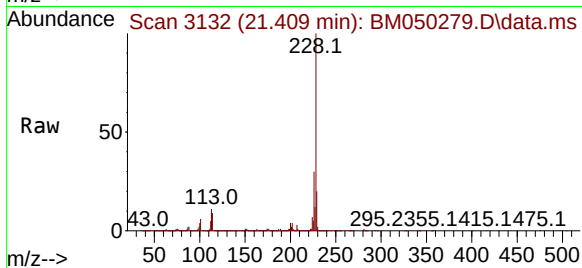
Tgt Ion:228 Resp: 4748406

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.057 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

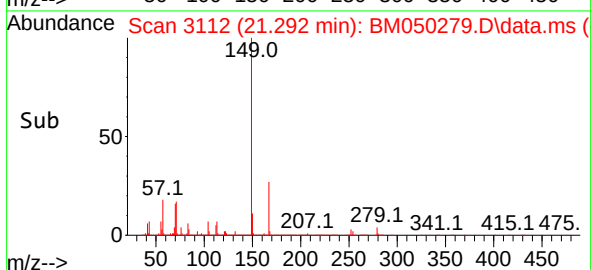
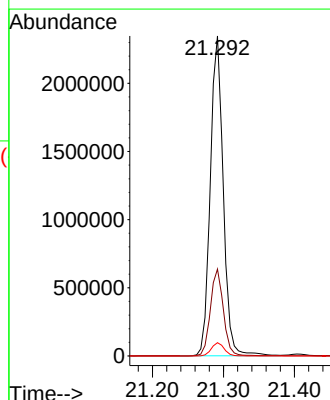
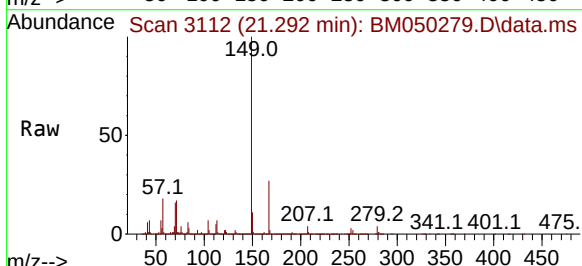
Tgt Ion:149 Resp: 2980181

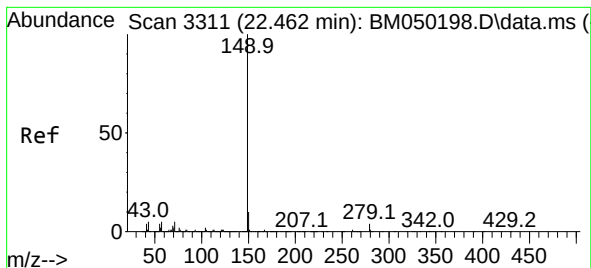
Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.703 ng

RT: 22.421 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

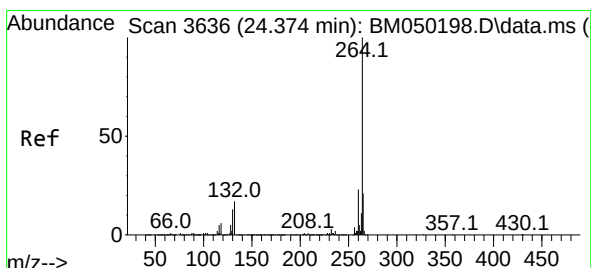
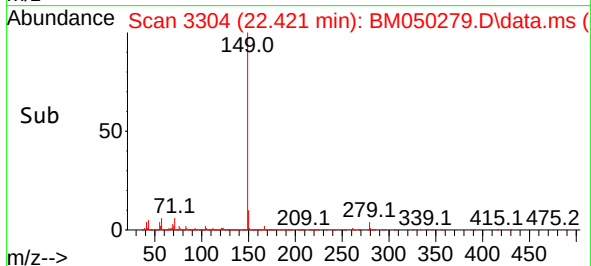
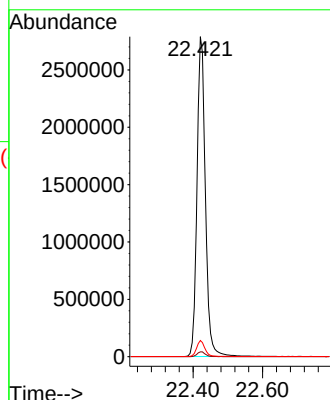
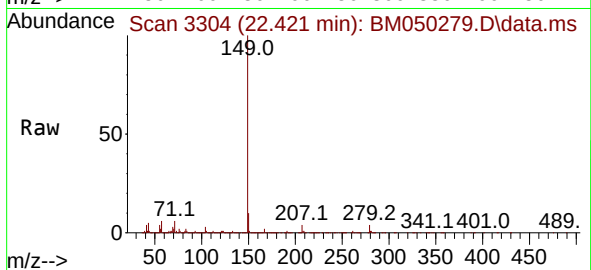
Tgt Ion:149 Resp: 4646981

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.1 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.338 min Scan# 3630

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

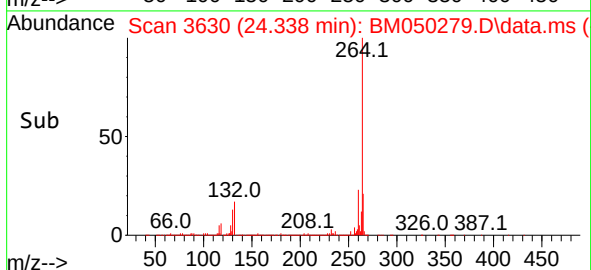
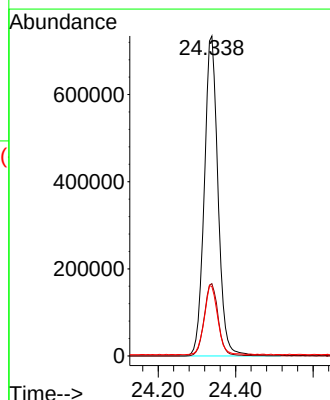
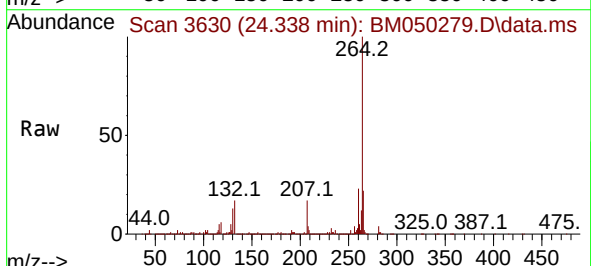
Tgt Ion:264 Resp: 1805248

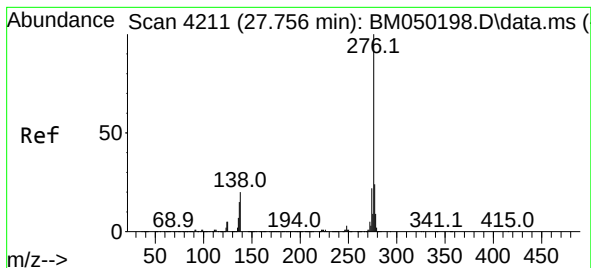
Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.635 ng

RT: 27.691 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

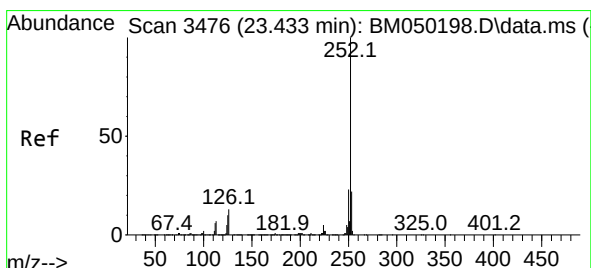
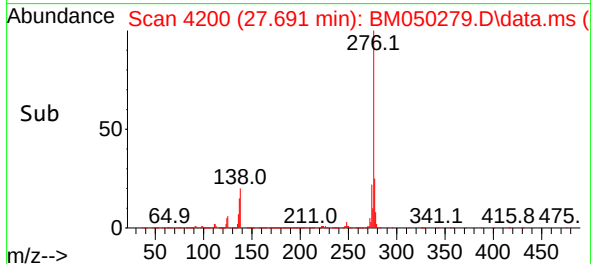
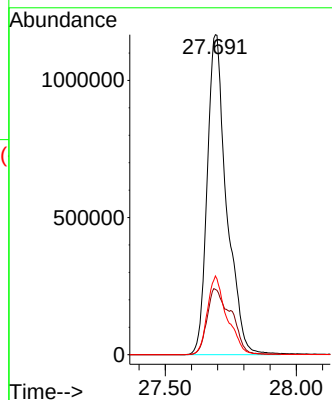
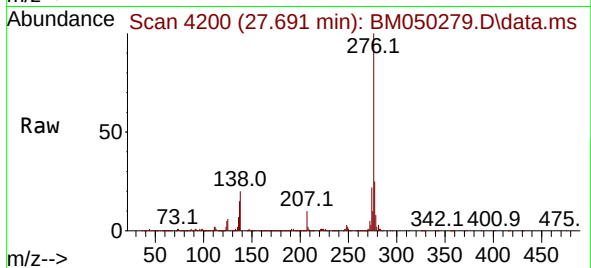
Tgt Ion:276 Resp: 6001859

Ion Ratio Lower Upper

276 100

138 25.6 20.6 30.8

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.615 ng

RT: 23.403 min Scan# 3471

Delta R.T. -0.006 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

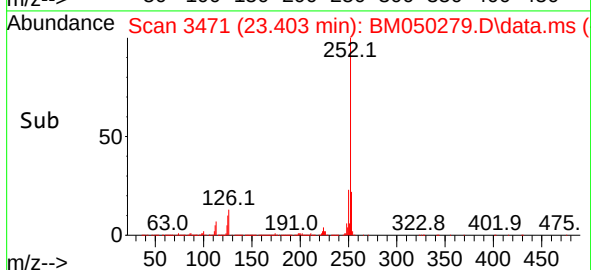
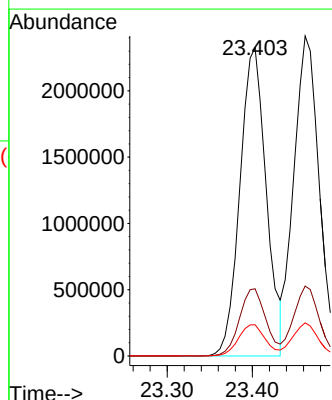
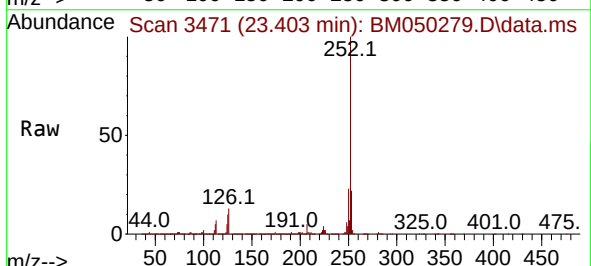
Tgt Ion:252 Resp: 4997528

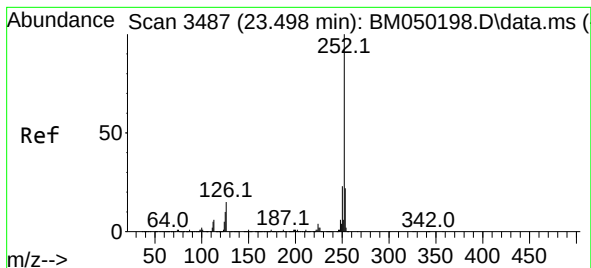
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.074 ng

RT: 23.462 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

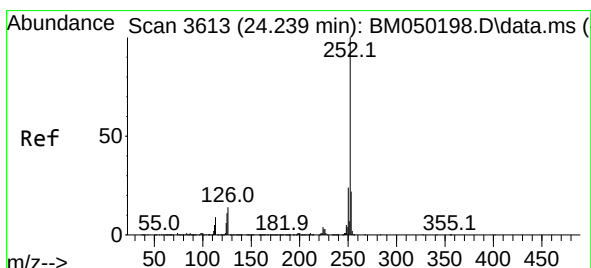
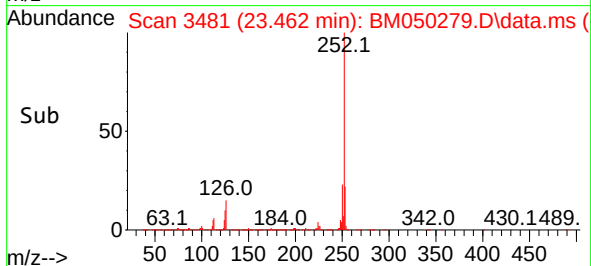
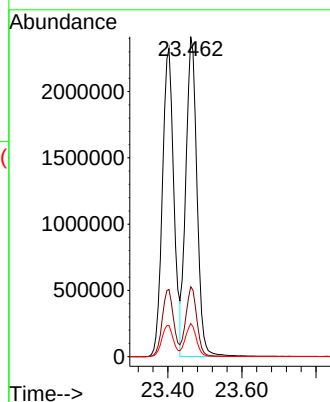
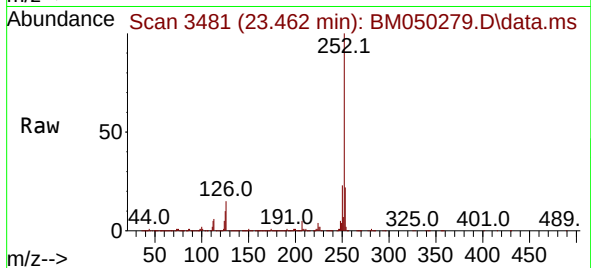
Tgt Ion:252 Resp: 5043883

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 48.821 ng

RT: 24.197 min Scan# 3606

Delta R.T. -0.012 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

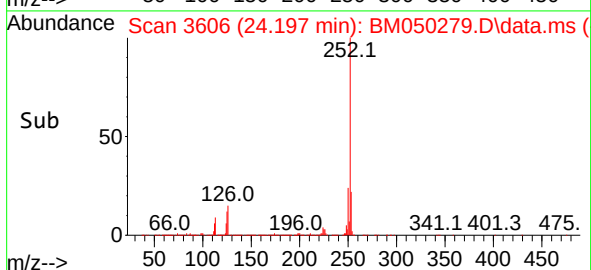
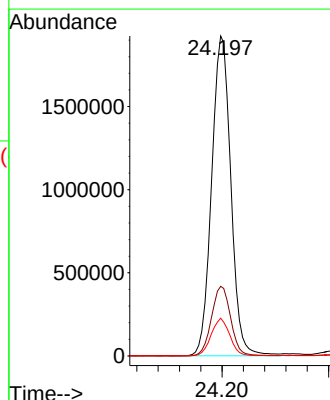
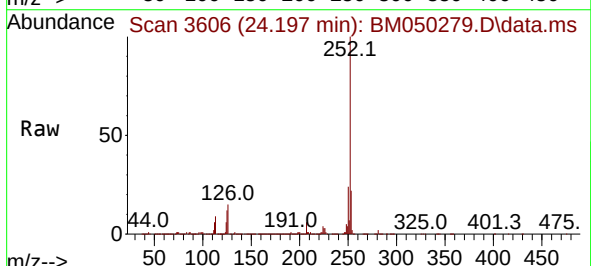
Tgt Ion:252 Resp: 4817750

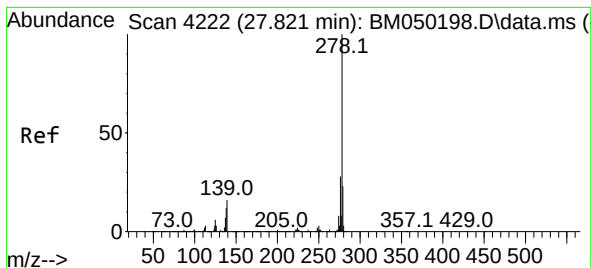
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 51.655 ng

RT: 27.756 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Instrument :

BNA_M

ClientSampleId :

PB168422BS

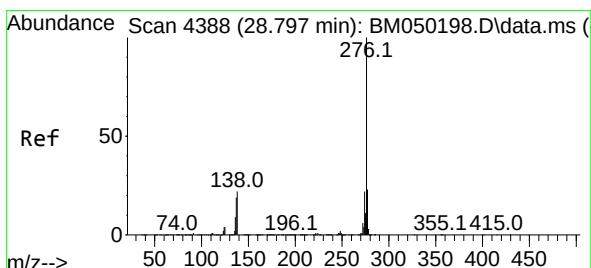
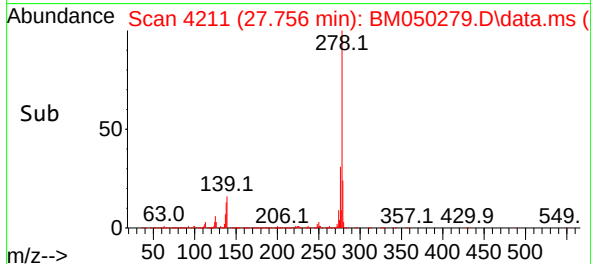
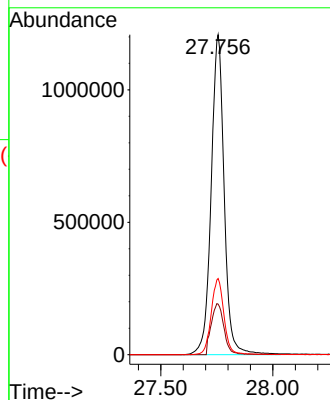
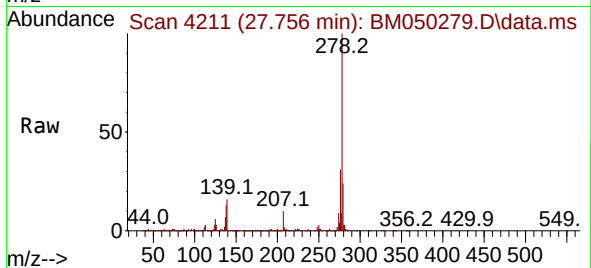
Tgt Ion:278 Resp: 4873588

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

279 23.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 52.547 ng

RT: 28.738 min Scan# 4378

Delta R.T. -0.012 min

Lab File: BM050279.D

Acq: 11 Jun 2025 18:04

Tgt Ion:276 Resp: 4962109

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 21.5 17.8 26.6

