

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050277.D
 Acq On : 11 Jun 2025 16:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 11 18:23:26 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	385793	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1556758	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	888836	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1666660	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1770266	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1907719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1952931	84.443	ng	0.00
7) Phenol-d6	6.928	99	2459880	80.798	ng	0.00
23) Nitrobenzene-d5	8.916	82	2480888	82.881	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	840232	83.110	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5188711	79.033	ng	0.00
79) Terphenyl-d14	19.762	244	7277390	77.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	425604	41.983	ng	93
3) Pyridine	3.675	79	1107481	42.185	ng	95
4) n-Nitrosodimethylamine	3.581	42	236152	43.501	ng	94
6) Aniline	7.093	93	1595506	39.643	ng	98
8) 2-Chlorophenol	7.328	128	1032749	40.598	ng	98
9) Benzaldehyde	6.904	77	706097	36.479	ng	97
10) Phenol	6.957	94	1301783	40.412	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1063933	41.063	ng	97
12) 1,3-Dichlorobenzene	7.657	146	1130443	39.750	ng	99
13) 1,4-Dichlorobenzene	7.798	146	1156598	39.088	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1104301	39.149	ng	100
15) Benzyl Alcohol	7.998	79	840825	38.722	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	829330	46.077	ng	95
17) 2-Methylphenol	8.204	107	838482	39.450	ng	100
18) Hexachloroethane	8.845	117	441436	41.196	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	757434	40.655	ng	98
20) 3+4-Methylphenols	8.528	107	1109070	39.002	ng	99
22) Acetophenone	8.581	105	1532522	39.404	ng	99
24) Nitrobenzene	8.957	77	1130557	41.529	ng	98
25) Isophorone	9.486	82	2050637	39.692	ng	99
26) 2-Nitrophenol	9.663	139	466003	39.656	ng	95
27) 2,4-Dimethylphenol	9.728	122	942247	39.024	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1370995	40.621	ng	100
29) 2,4-Dichlorophenol	10.198	162	871420	39.001	ng	97
30) 1,2,4-Trichlorobenzene	10.416	180	967611	38.916	ng	99
31) Naphthalene	10.604	128	3094262	38.444	ng	99
32) Benzoic acid	9.851	122	550355	36.270	ng	95
33) 4-Chloroaniline	10.704	127	1334180	38.880	ng	99
34) Hexachlorobutadiene	10.898	225	559388	37.823	ng	99
35) Caprolactam	11.480	113	269529	38.049	ng	87
36) 4-Chloro-3-methylphenol	11.833	107	937746	39.332	ng	99
37) 2-Methylnaphthalene	12.216	142	1887813	38.879	ng	99
38) 1-Methylnaphthalene	12.433	142	1977930	38.379	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1026691	40.002	ng	100
41) Hexachlorocyclopentadiene	12.575	237	615515	39.489	ng	98
43) 2,4,6-Trichlorophenol	12.822	196	675293	40.009	ng	100

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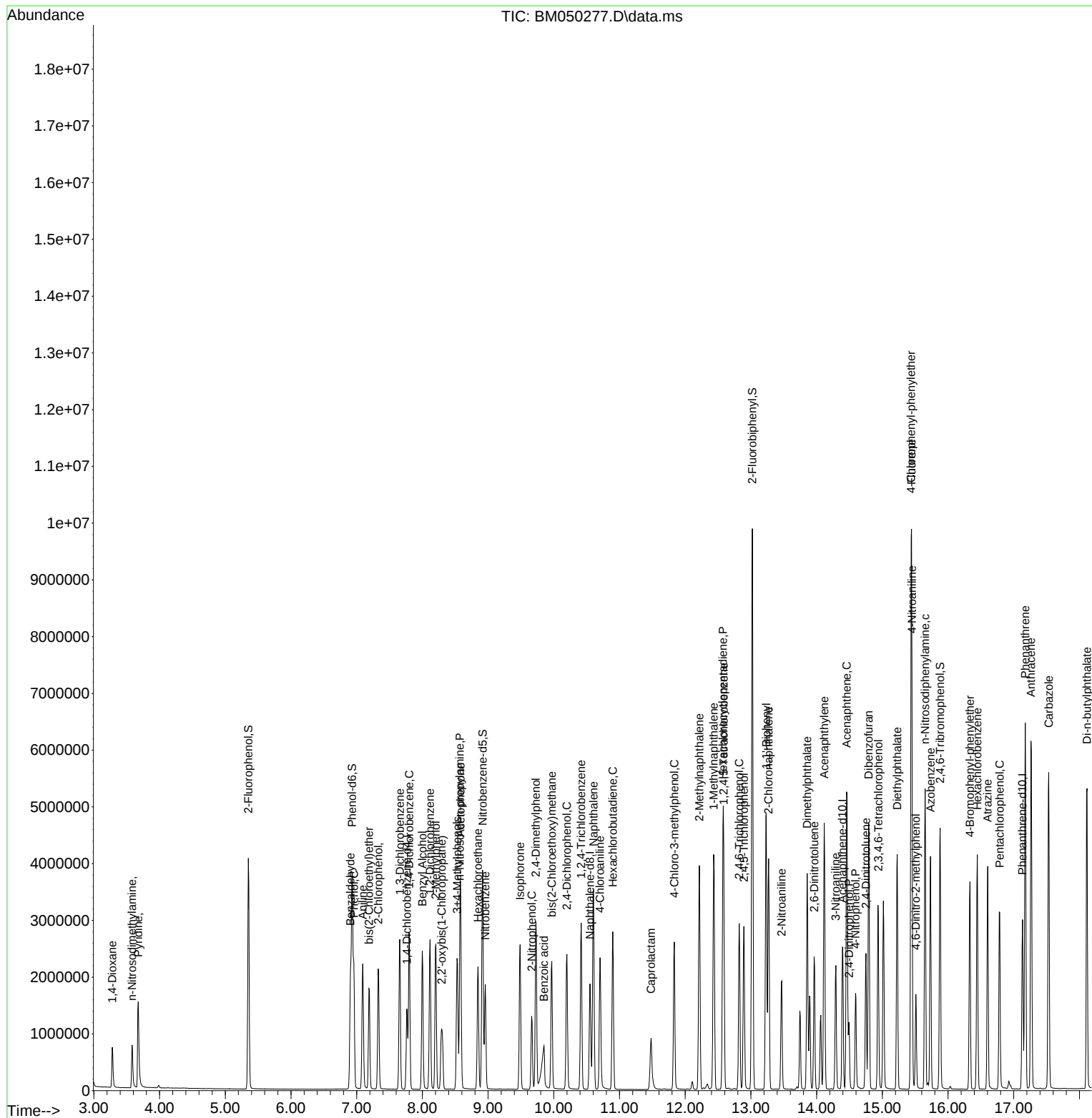
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	733855	39.600	ng	97
46) 1,1'-Biphenyl	13.233	154	2621510	39.389	ng	99
47) 2-Chloronaphthalene	13.269	162	2039196	39.411	ng	100
48) 2-Nitroaniline	13.469	65	513213	45.072	ng	96
49) Acenaphthylene	14.116	152	3285780	39.261	ng	100
50) Dimethylphthalate	13.857	163	2401432	39.949	ng	99
51) 2,6-Dinitrotoluene	13.963	165	505289	41.682	ng	90
52) Acenaphthene	14.457	154	2058274	39.320	ng	100
53) 3-Nitroaniline	14.292	138	572286	42.358	ng	97
54) 2,4-Dinitrophenol	14.492	184	248415	34.839	ng	96
55) Dibenzofuran	14.792	168	3048152	39.802	ng	100
56) 4-Nitrophenol	14.592	139	486335	42.292	ng	97
57) 2,4-Dinitrotoluene	14.751	165	678387	42.422	ng	95
58) Fluorene	15.445	166	2350935	40.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	647697	40.397	ng	99
60) Diethylphthalate	15.227	149	2431511	40.768	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1129378	39.839	ng	100
62) 4-Nitroaniline	15.451	138	559033	44.147	ng	98
63) Azobenzene	15.733	77	2455781	41.195	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	358719	39.406	ng	94
66) n-Nitrosodiphenylamine	15.651	169	2059604	39.330	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	709709	39.932	ng	97
68) Hexachlorobenzene	16.445	284	823426	39.654	ng	99
69) Atrazine	16.604	200	681590	40.848	ng	99
70) Pentachlorophenol	16.786	266	549249	40.683	ng	98
71) Phenanthrene	17.174	178	3762928	39.522	ng	99
72) Anthracene	17.262	178	3806042	39.959	ng	100
73) Carbazole	17.533	167	3536466	40.755	ng	99
74) Di-n-butylphthalate	18.115	149	4085947	43.276	ng	100
75) Fluoranthene	19.192	202	4217473	42.004	ng	99
77) Benzidine	19.374	184	1776744	35.691	ng	100
78) Pyrene	19.551	202	4496680	37.687	ng	100
80) Butylbenzylphthalate	20.462	149	1645495	41.344	ng	98
81) Benzo(a)anthracene	21.345	228	4427365	39.512	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	1415990	41.440	ng	99
83) Chrysene	21.409	228	4234037	39.725	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	2668857	43.534	ng	99
85) Di-n-octyl phthalate	22.427	149	3964778	43.583	ng	99
87) Indeno(1,2,3-cd)pyrene	27.691	276	5245671	42.706	ng	100
88) Benzo(b)fluoranthene	23.403	252	4422288	39.871	ng	99
89) Benzo(k)fluoranthene	23.462	252	4547081	40.158	ng	99
90) Benzo(a)pyrene	24.197	252	4252452	40.778	ng	99
91) Dibenzo(a,h)anthracene	27.750	278	4216995	42.295	ng	99
92) Benzo(g,h,i)perylene	28.732	276	4320764	43.298	ng	99

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

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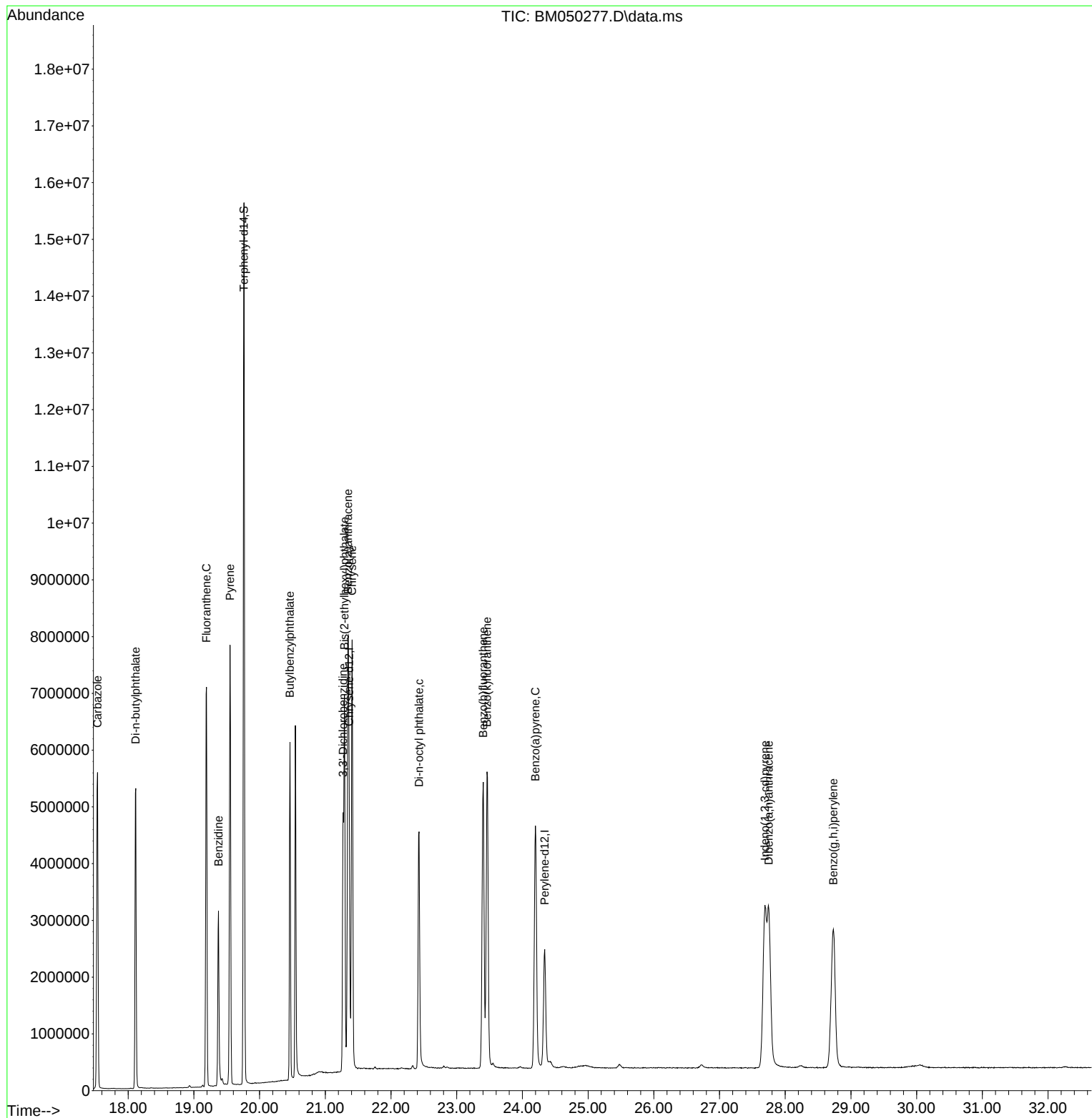
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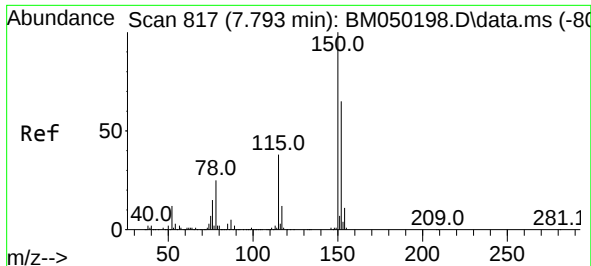


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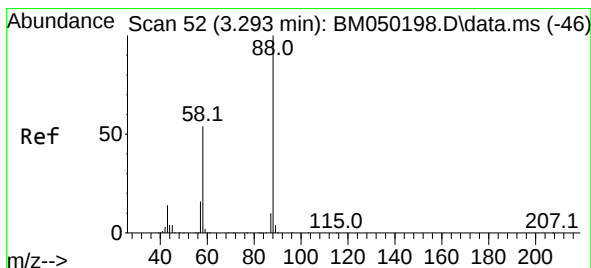
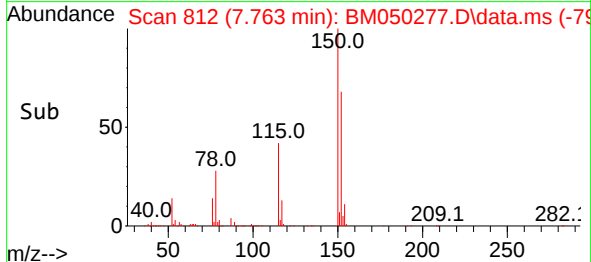
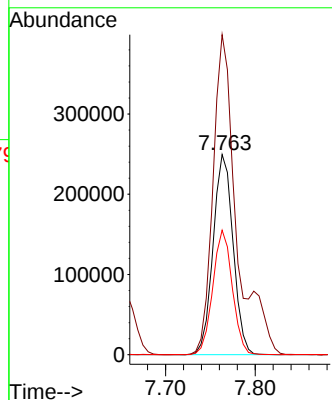
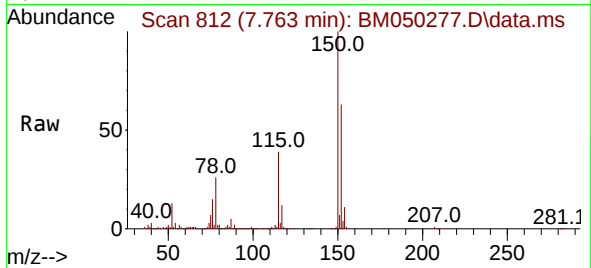




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050277.D
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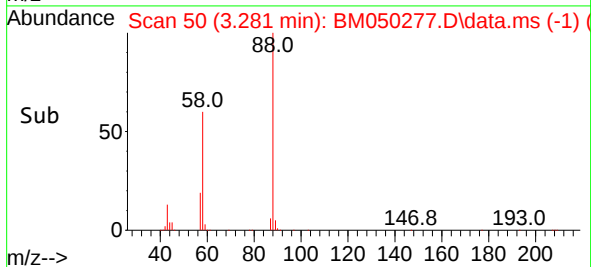
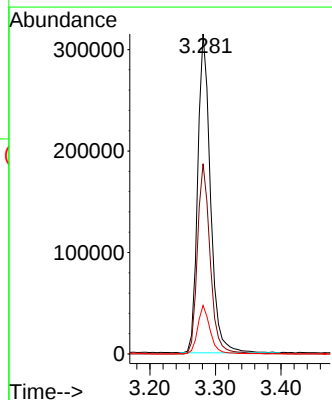
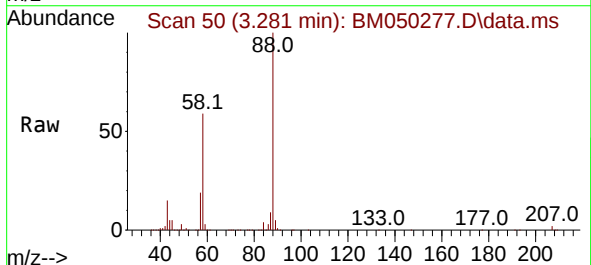
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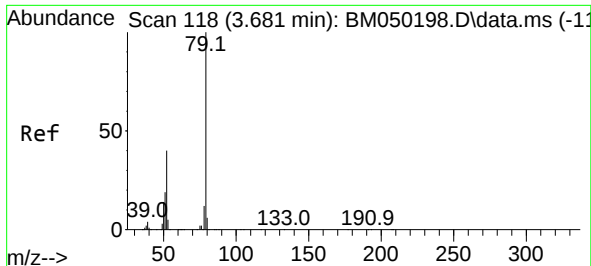
Tgt Ion:152 Resp: 385793
 Ion Ratio Lower Upper
 152 100
 150 159.8 122.2 183.4
 115 62.2 46.3 69.5



#2
 1,4-Dioxane
 Concen: 41.983 ng
 RT: 3.281 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BM050277.D
 Acq: 11 Jun 2025 16:25

Tgt Ion: 88 Resp: 425604
 Ion Ratio Lower Upper
 88 100
 58 59.6 42.9 64.3
 43 15.0 11.0 16.6

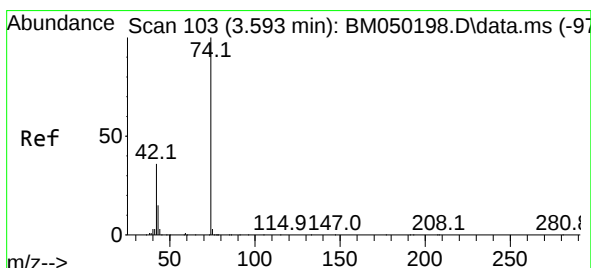
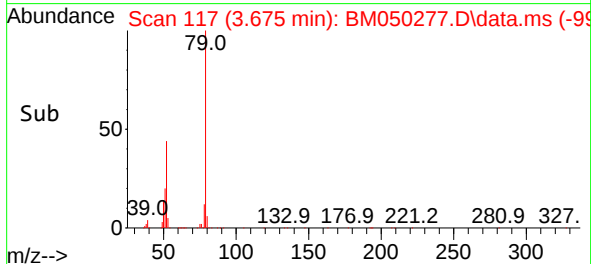
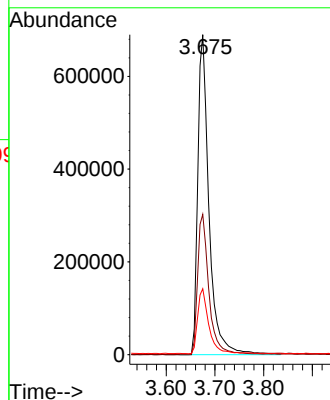
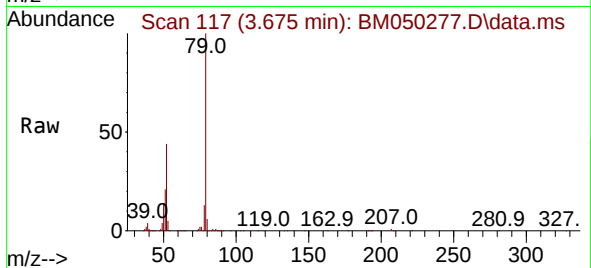




#3
Pyridine
Concen: 42.185 ng
RT: 3.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

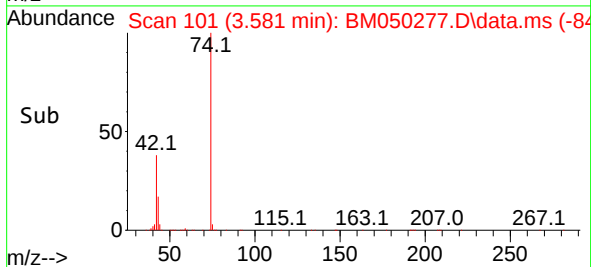
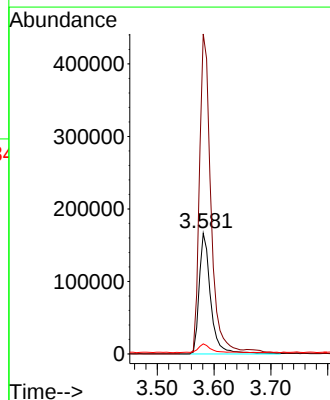
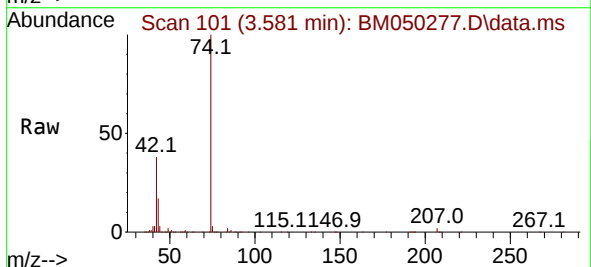
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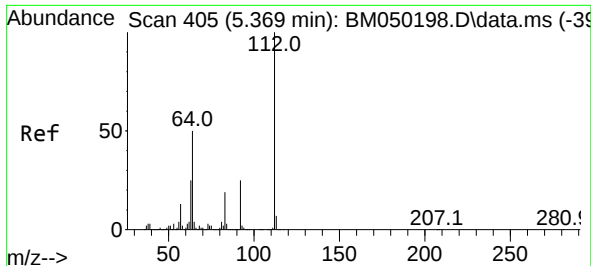
Tgt Ion: 79 Resp: 1107481
Ion Ratio Lower Upper
79 100
52 43.9 32.1 48.1
51 20.6 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 43.501 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 42 Resp: 236152
Ion Ratio Lower Upper
42 100
74 265.1 222.0 333.0
44 8.4 7.0 10.6

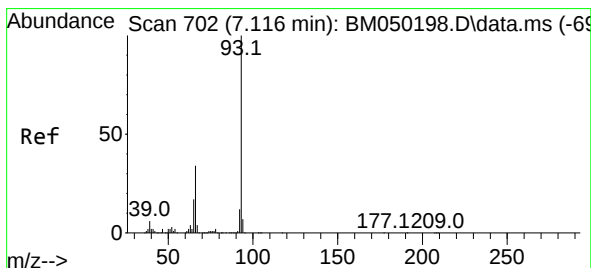
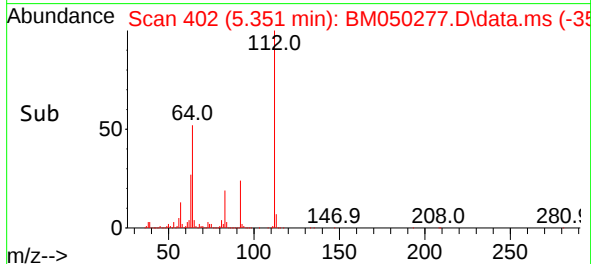
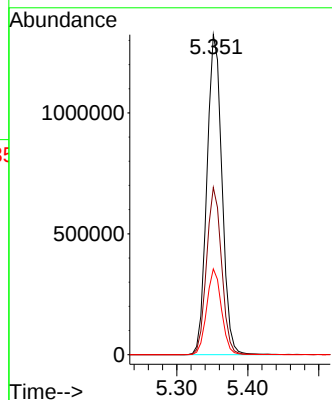
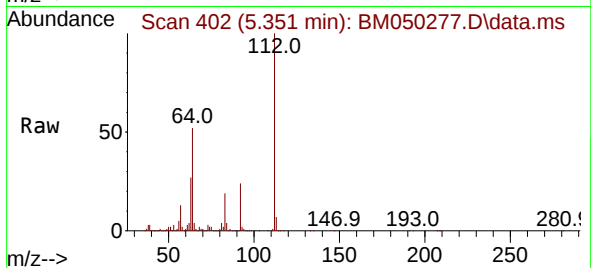




#5
2-Fluorophenol
Concen: 84.443 ng
RT: 5.351 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050277.D
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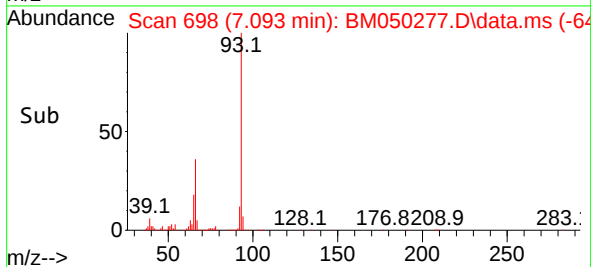
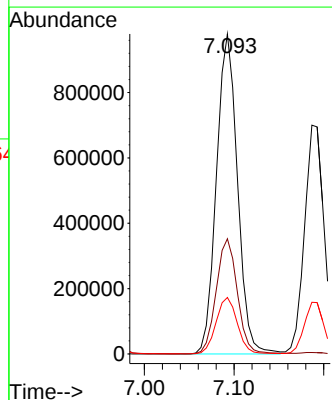
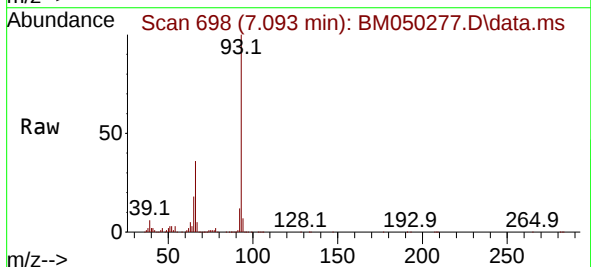
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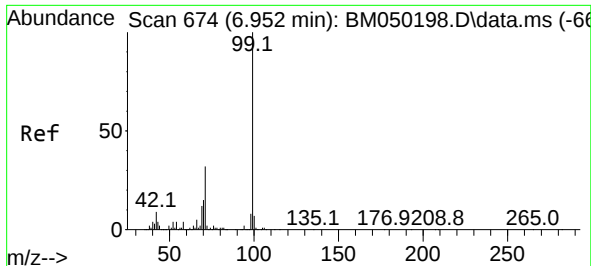
Tgt Ion:112 Resp: 1952931
Ion Ratio Lower Upper
112 100
64 52.2 39.8 59.6
63 26.8 19.8 29.8



#6
Aniline
Concen: 39.643 ng
RT: 7.093 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 93 Resp: 1595506
Ion Ratio Lower Upper
93 100
66 36.0 27.4 41.2
65 17.7 13.6 20.4

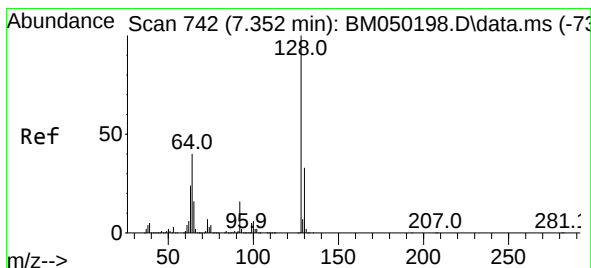
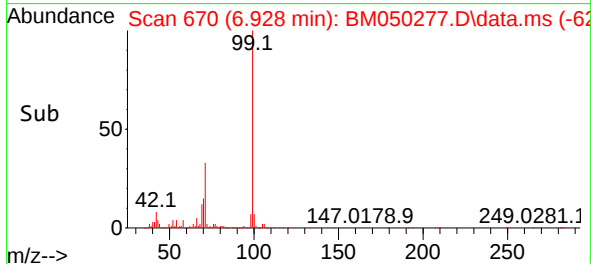
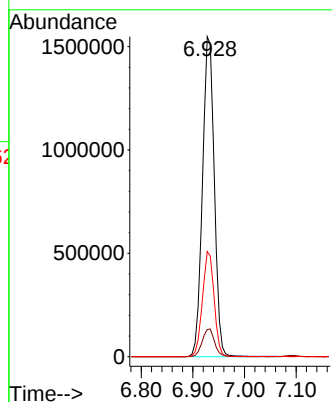
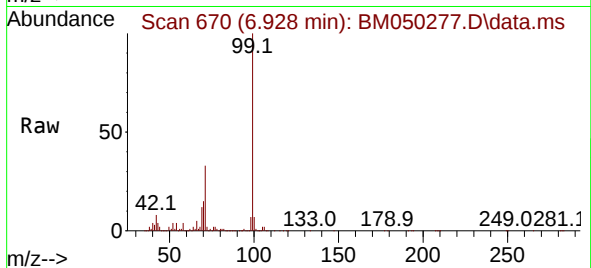




#7
Phenol-d6
Concen: 80.798 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050277.D
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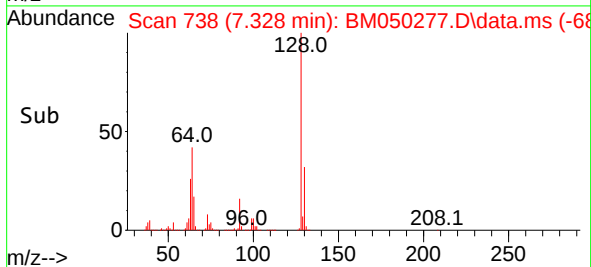
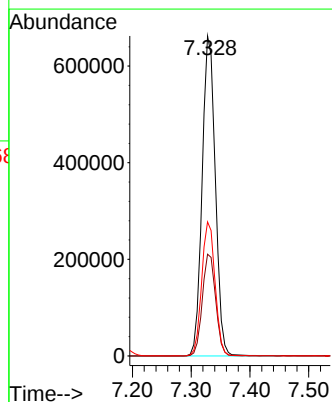
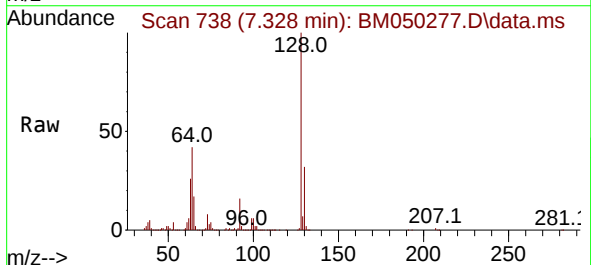
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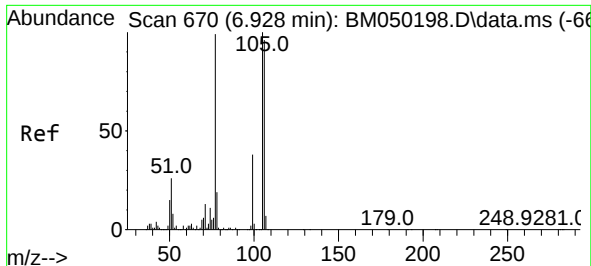
Tgt Ion: 99 Resp: 2459880
Ion Ratio Lower Upper
99 100
42 8.5 6.9 10.3
71 32.9 25.3 37.9



#8
2-Chlorophenol
Concen: 40.598 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM050277.D
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Tgt Ion:128 Resp: 1032749
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 41.9 19.8 59.8

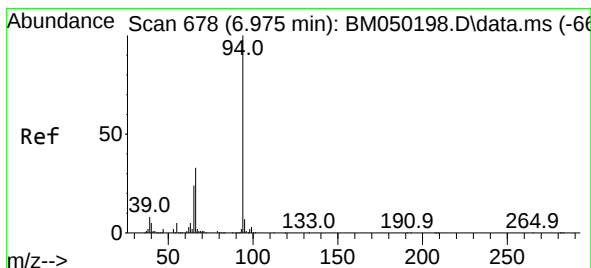
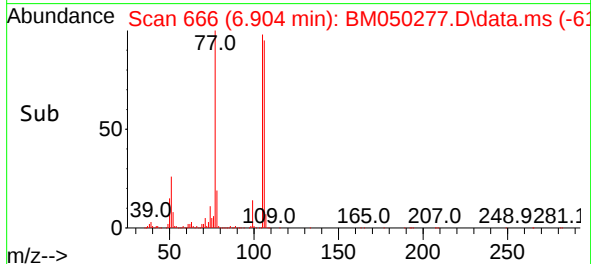
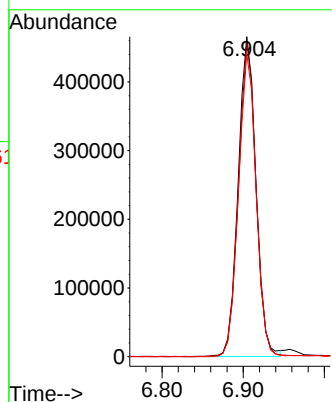
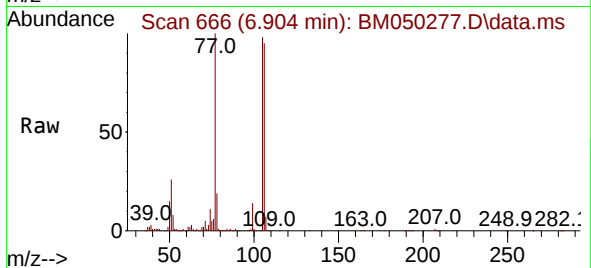




#9
Benzaldehyde
Concen: 36.479 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050277.D
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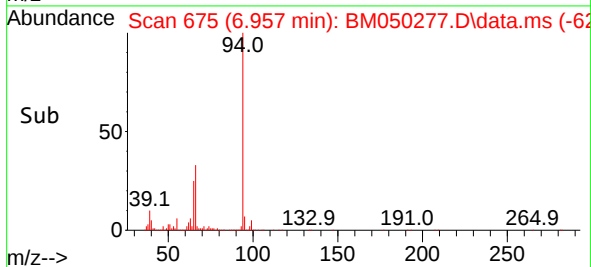
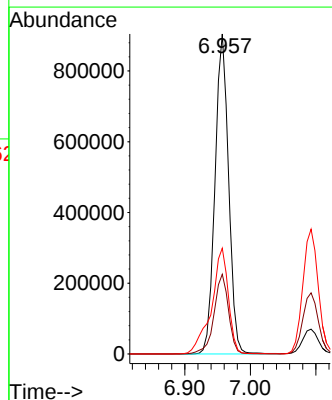
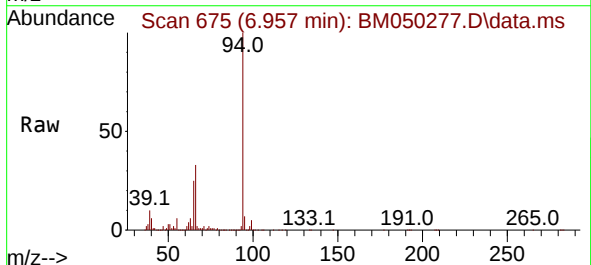
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

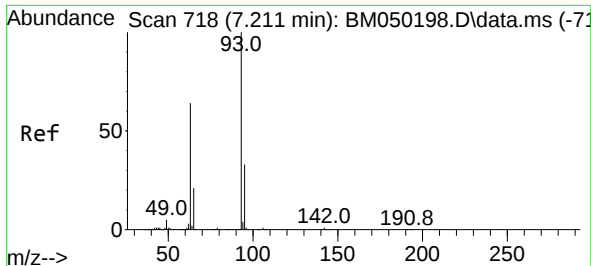
Tgt Ion: 77 Resp: 706097
Ion Ratio Lower Upper
77 100
105 98.0 80.9 120.9
106 94.6 77.1 117.1



#10
Phenol
Concen: 40.412 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 94 Resp: 1301783
Ion Ratio Lower Upper
94 100
65 24.9 4.3 44.3
66 33.0 12.9 52.9



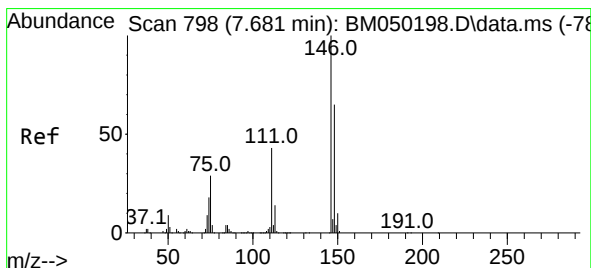
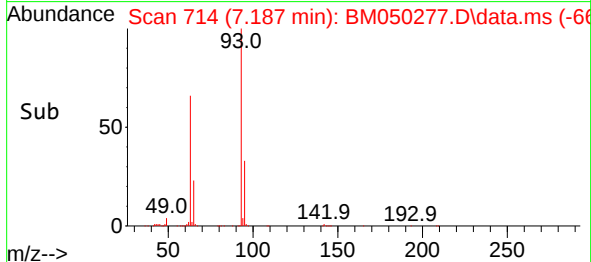
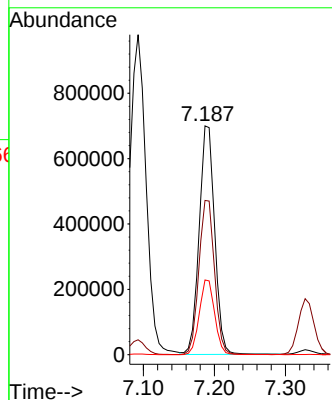
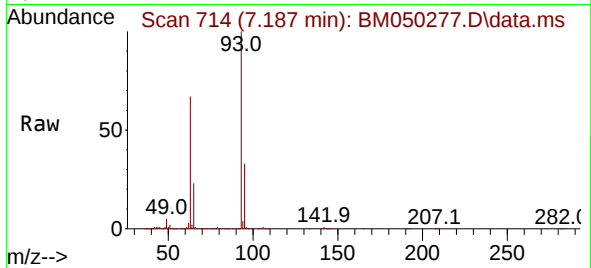


#11
bis(2-Chloroethyl)ether
Concen: 41.063 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1063933

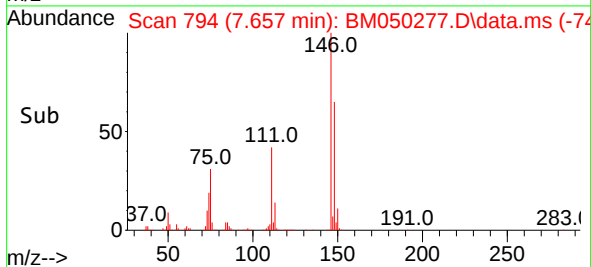
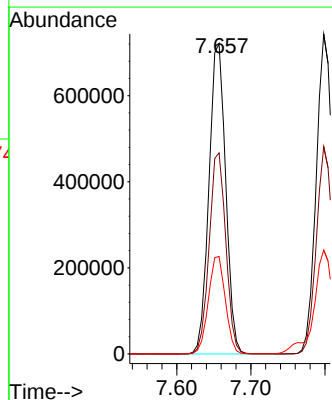
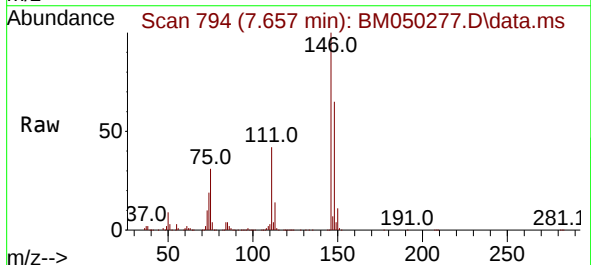
Ion	Ratio	Lower	Upper
93	100		
63	67.4	43.9	83.9
95	32.6	12.7	52.7

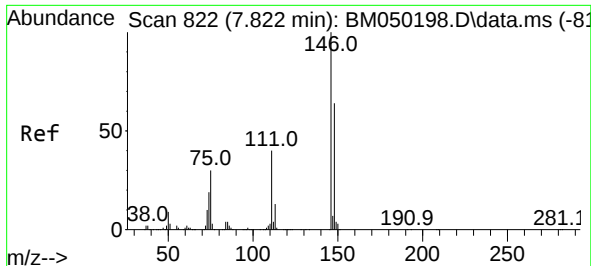


#12
1,3-Dichlorobenzene
Concen: 39.750 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 146 Resp: 1130443

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	31.4	23.4	35.0

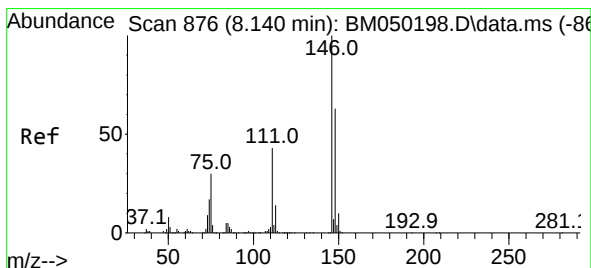
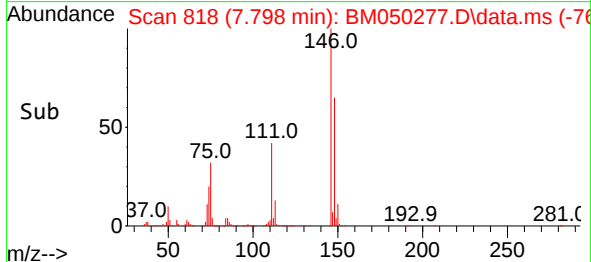
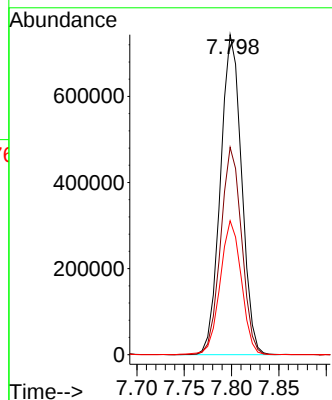
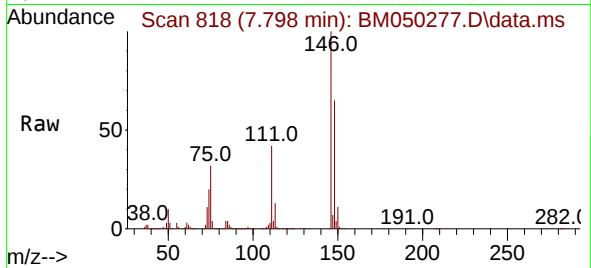




#13
1,4-Dichlorobenzene
Concen: 39.088 ng
RT: 7.798 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

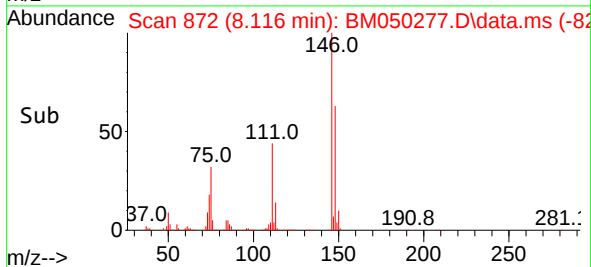
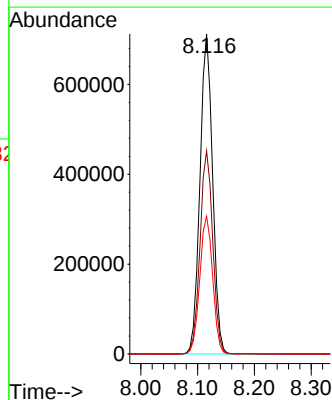
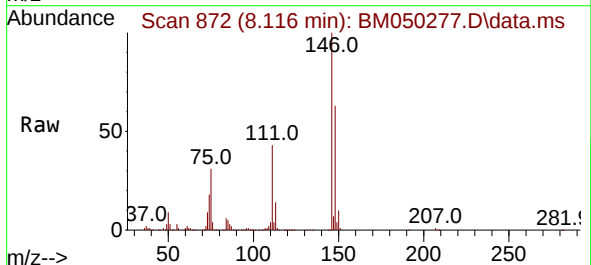
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1156598
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
111 41.9 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 39.149 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:146 Resp: 1104301
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 43.0 34.3 51.5

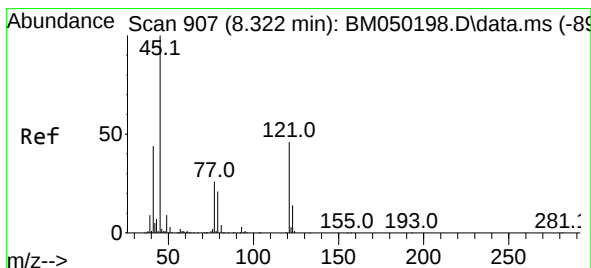
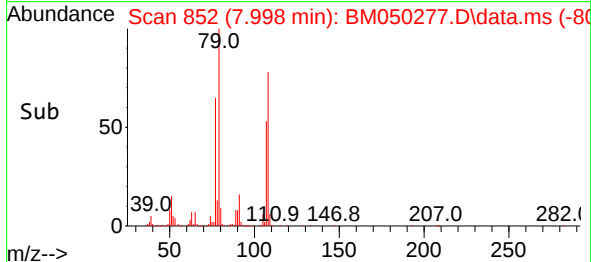
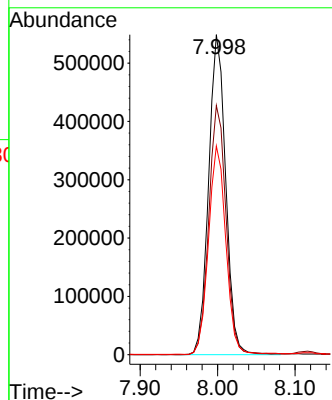
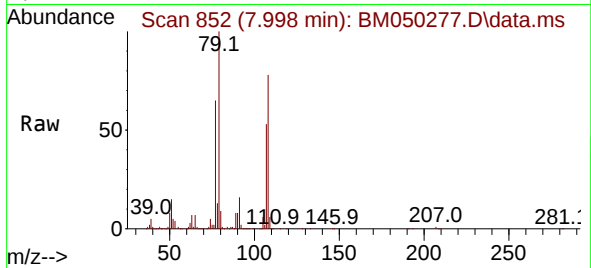




#15
Benzyl Alcohol
Concen: 38.722 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

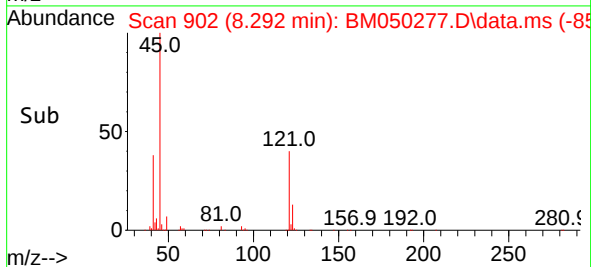
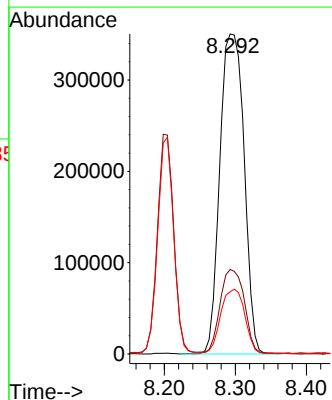
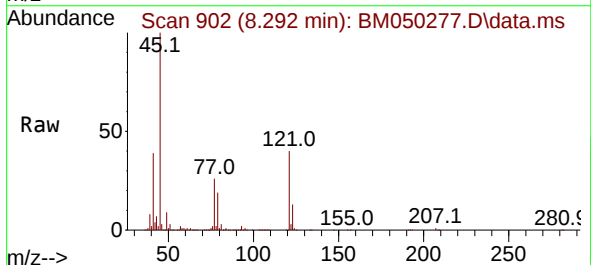
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

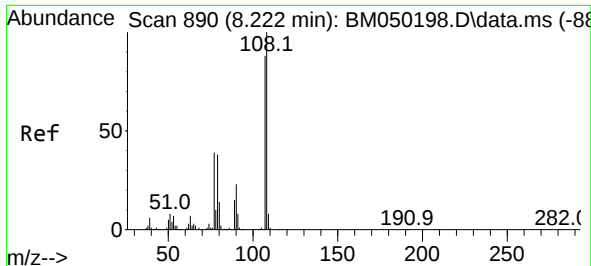
Tgt Ion: 79 Resp: 840825
Ion Ratio Lower Upper
79 100
108 77.8 64.0 96.0
77 65.2 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.077 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 45 Resp: 829330
Ion Ratio Lower Upper
45 100
77 26.4 8.7 48.7
79 19.4 2.7 42.7

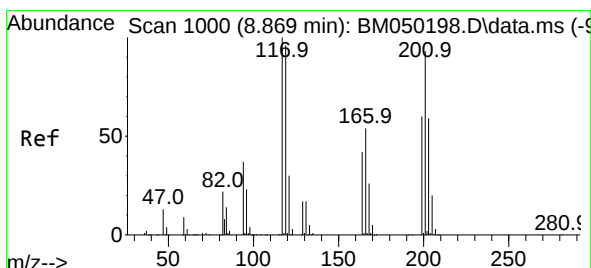
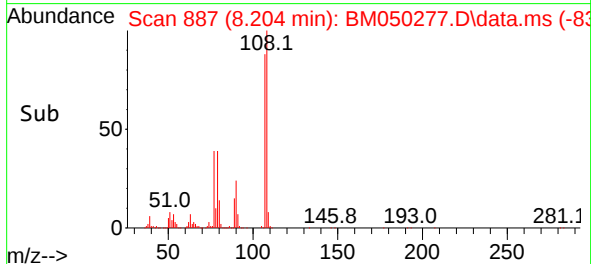
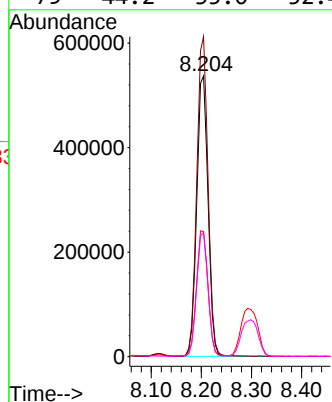
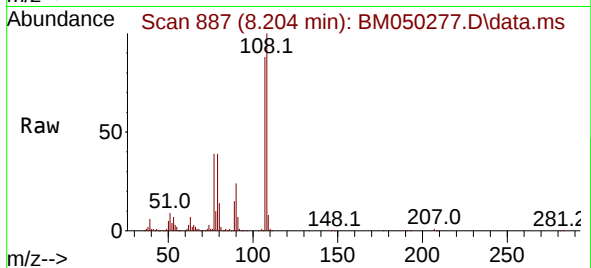




#17
2-Methylphenol
Concen: 39.450 ng
RT: 8.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

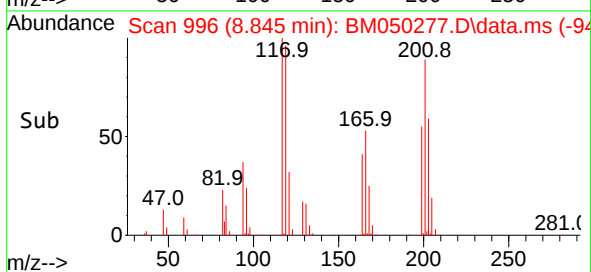
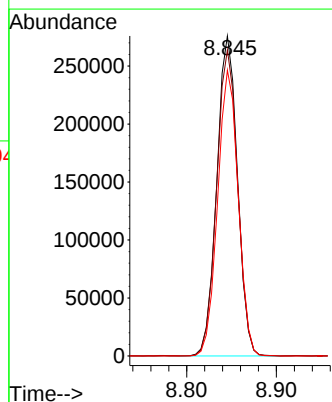
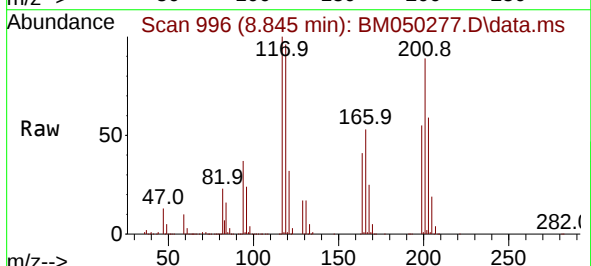
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

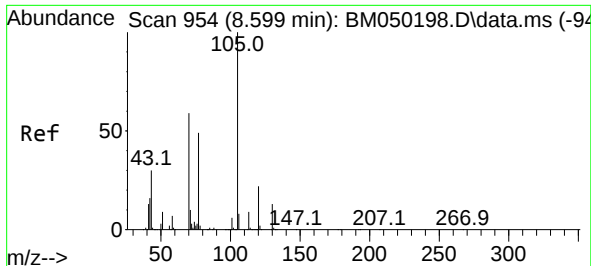
Tgt Ion:107 Resp: 838482
Ion Ratio Lower Upper
107 100
108 113.9 90.8 136.2
77 44.6 35.7 53.5
79 44.2 35.0 52.4



#18
Hexachloroethane
Concen: 41.196 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:117 Resp: 441436
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6
201 89.3 74.6 111.8

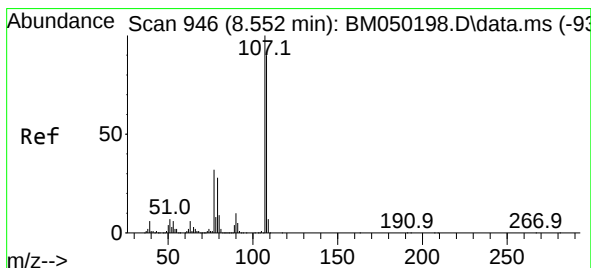
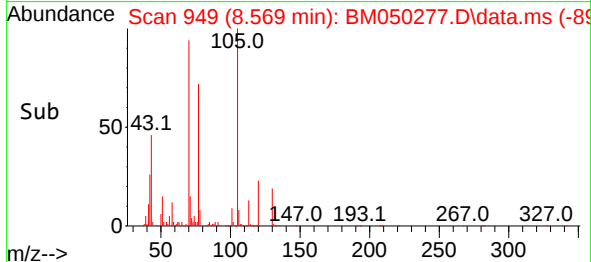
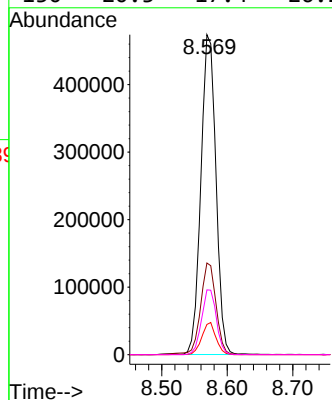
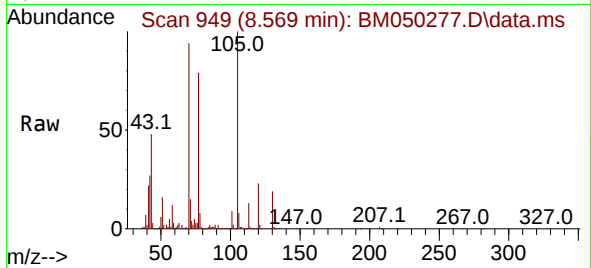




#19
n-Nitroso-di-n-propylamine
Concen: 40.655 ng
RT: 8.569 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

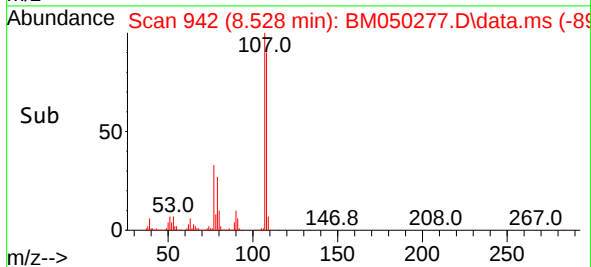
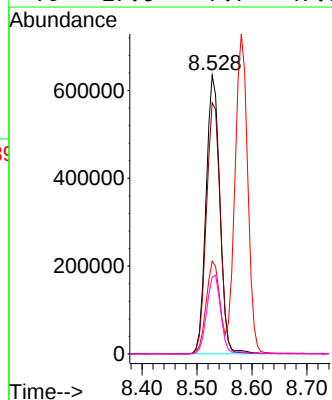
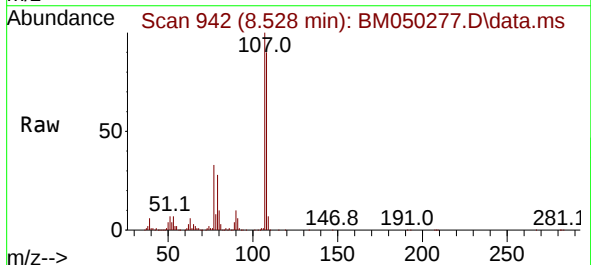
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

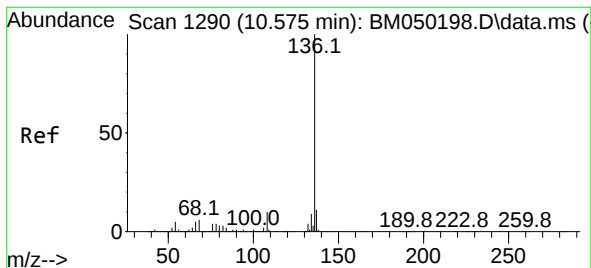
Tgt Ion: 70 Resp: 757434
Ion Ratio Lower Upper
70 100
42 28.6 22.6 33.8
101 9.5 8.3 12.5
130 20.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 39.002 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 107 Resp: 1109070
Ion Ratio Lower Upper
107 100
108 90.1 70.4 110.4
77 33.3 12.2 52.2
79 27.6 7.7 47.7

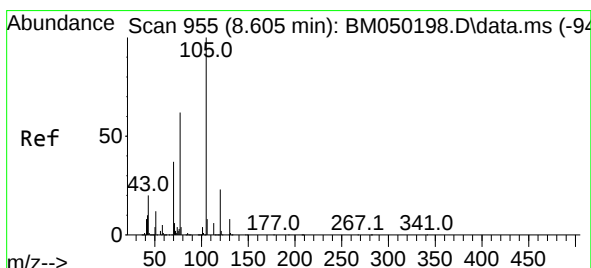
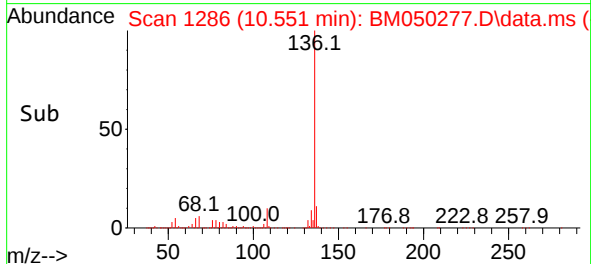
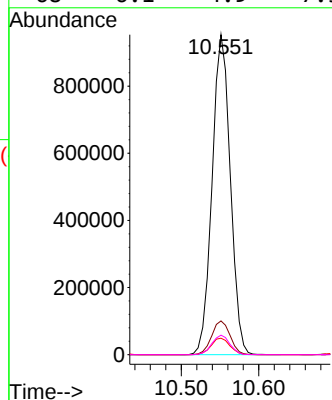
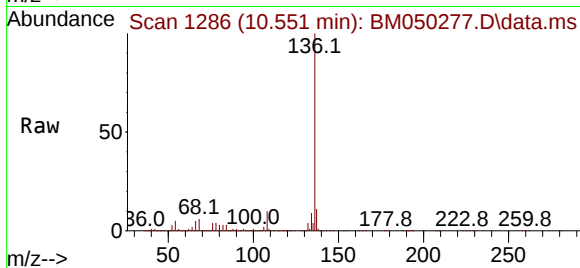




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

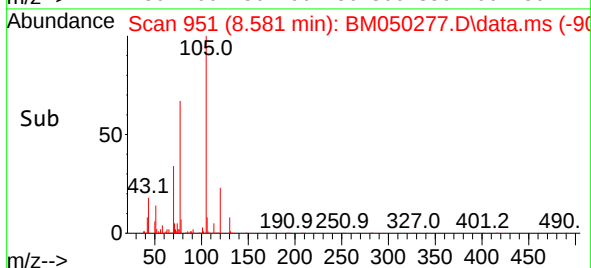
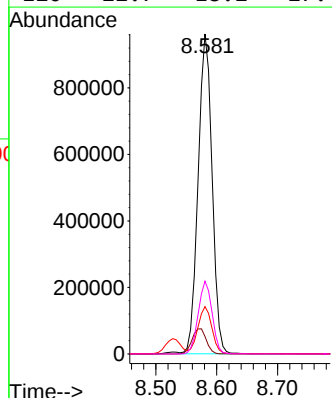
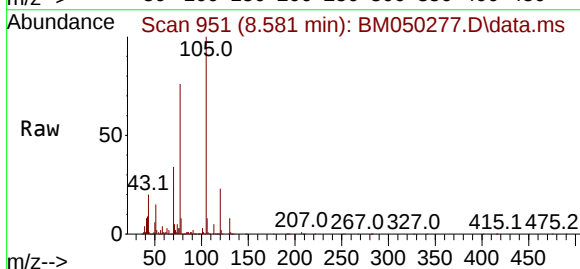
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

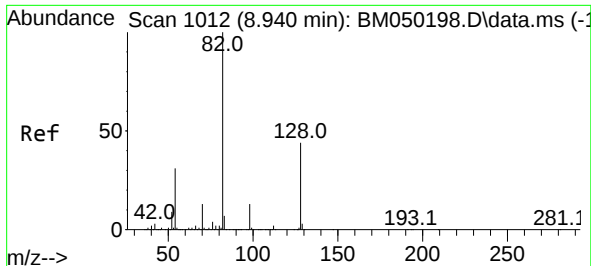
Tgt Ion:136 Resp: 1556758
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.2 3.8 5.8
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 39.404 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:105 Resp: 1532522
Ion Ratio Lower Upper
105 100
71 5.5 5.0 7.4
51 14.8 11.4 17.2
120 22.7 18.2 27.4

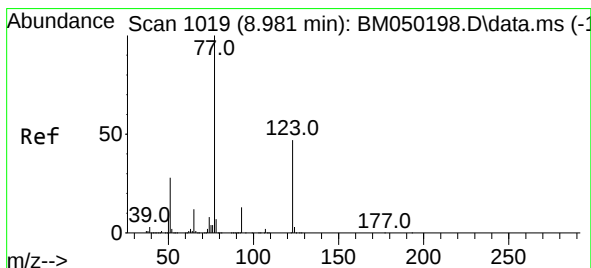
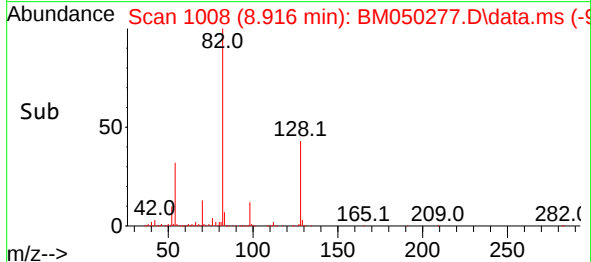
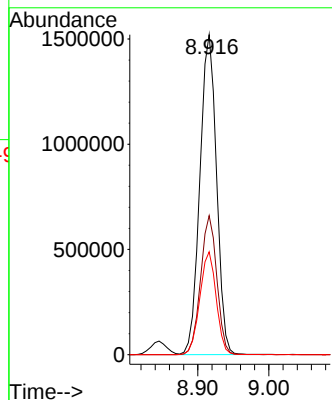
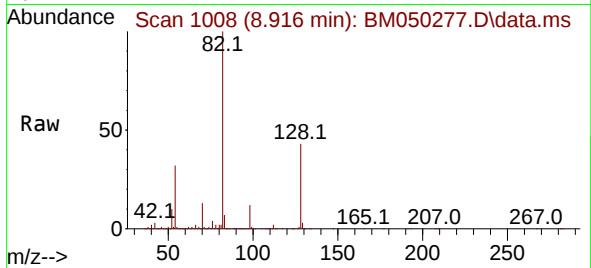




#23
Nitrobenzene-d5
Concen: 82.881 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

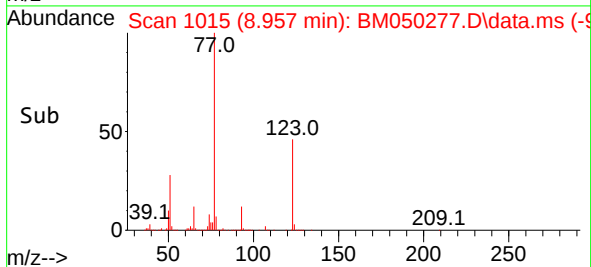
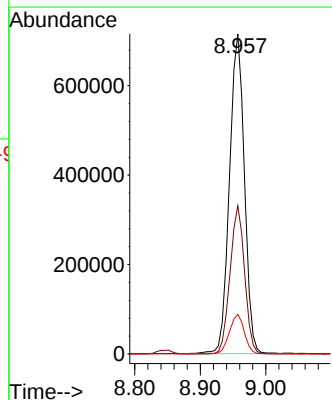
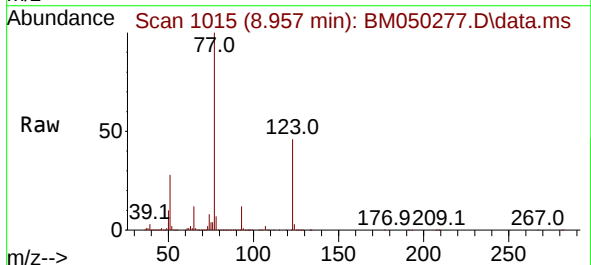
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

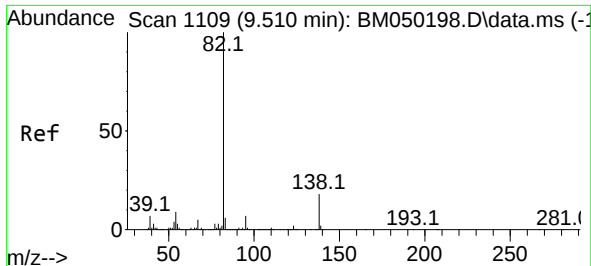
Tgt Ion: 82 Resp: 2480888
Ion Ratio Lower Upper
82 100
128 43.4 35.2 52.8
54 32.1 24.5 36.7



#24
Nitrobenzene
Concen: 41.529 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 77 Resp: 1130557
Ion Ratio Lower Upper
77 100
123 46.3 38.2 57.2
65 12.4 9.5 14.3





#25

Isophorone

Concen: 39.692 ng

RT: 9.486 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

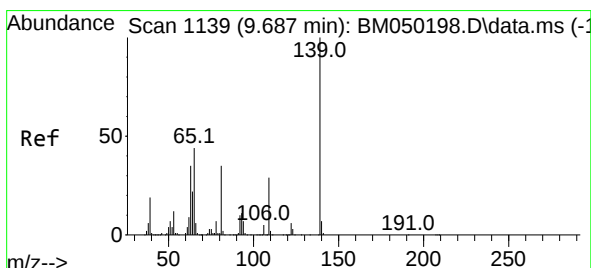
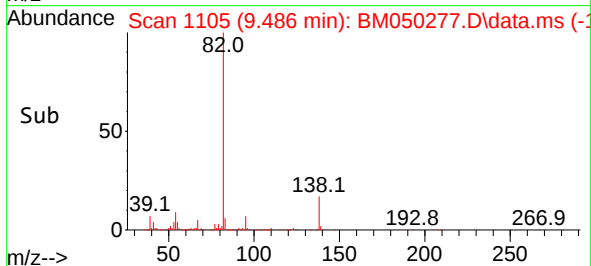
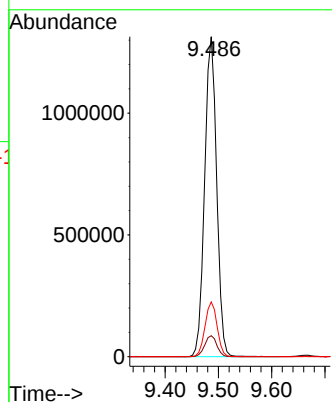
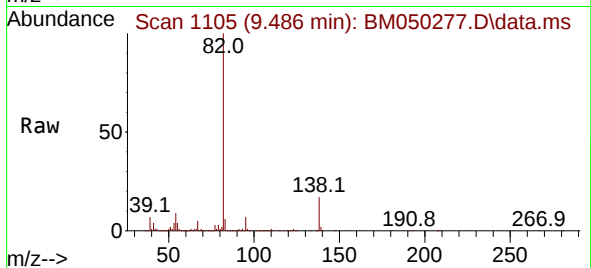
Tgt Ion: 82 Resp: 2050637

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 17.1 14.2 21.2



#26

2-Nitrophenol

Concen: 39.656 ng

RT: 9.663 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

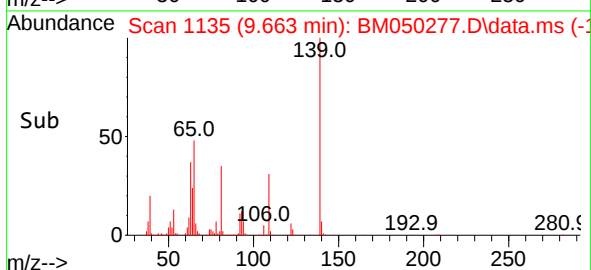
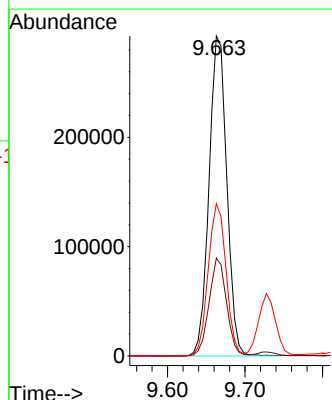
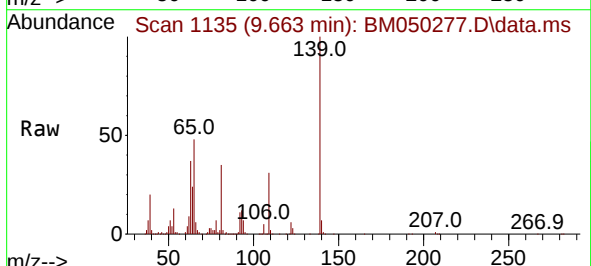
Tgt Ion:139 Resp: 466003

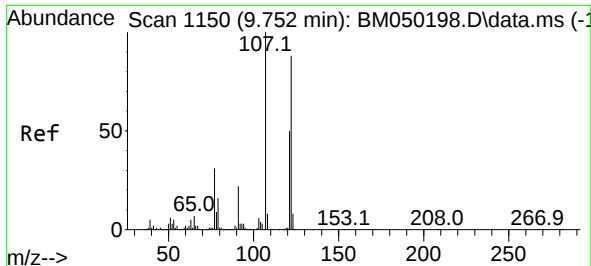
Ion Ratio Lower Upper

139 100

109 30.6 23.3 34.9

65 47.6 35.2 52.8

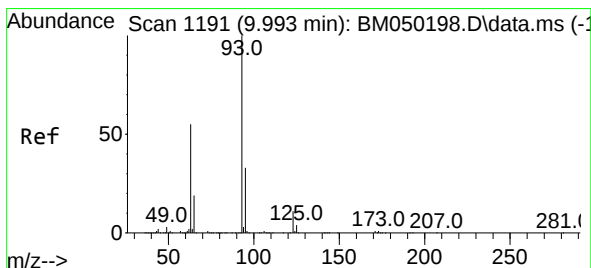
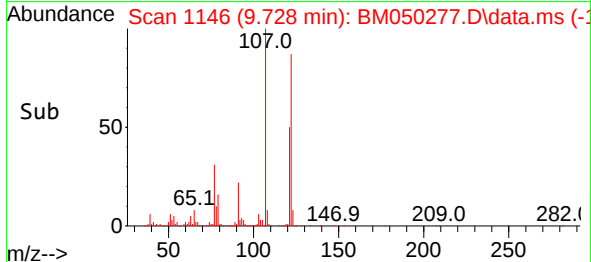
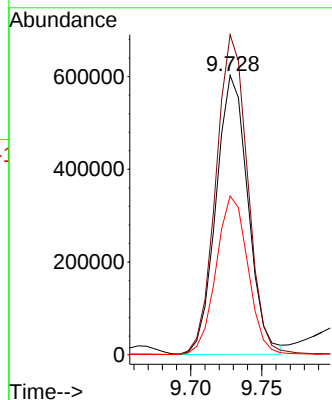
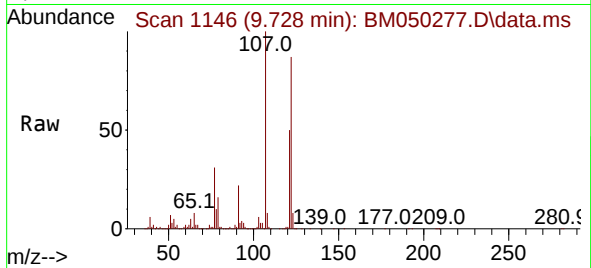




#27
2,4-Dimethylphenol
Concen: 39.024 ng
RT: 9.728 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

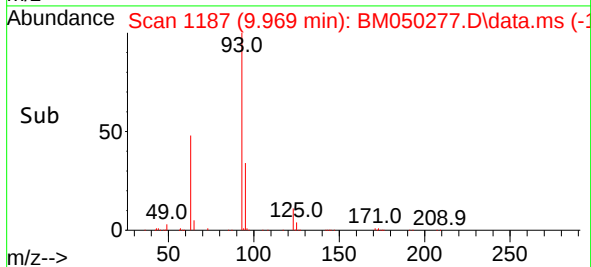
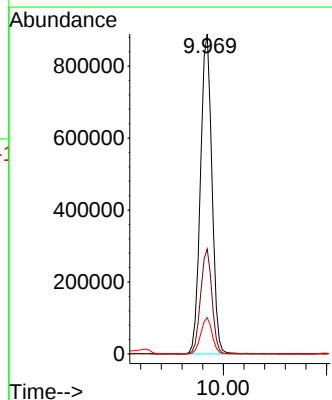
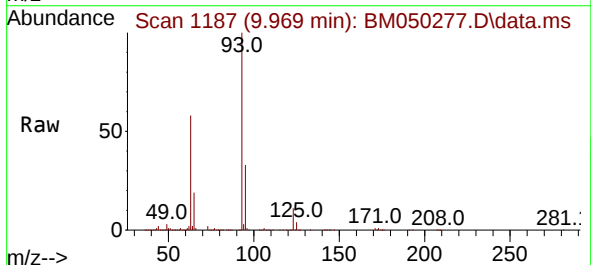
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

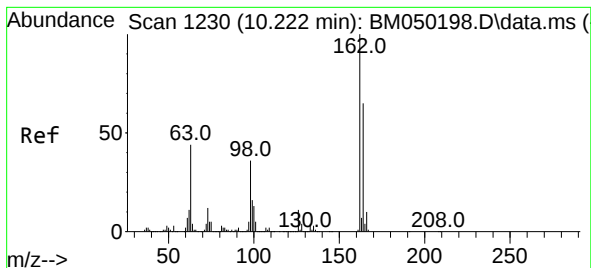
Tgt Ion:122 Resp: 942247
Ion Ratio Lower Upper
122 100
107 114.6 91.0 136.6
121 56.8 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.621 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 93 Resp: 1370995
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 39.001 ng

RT: 10.198 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

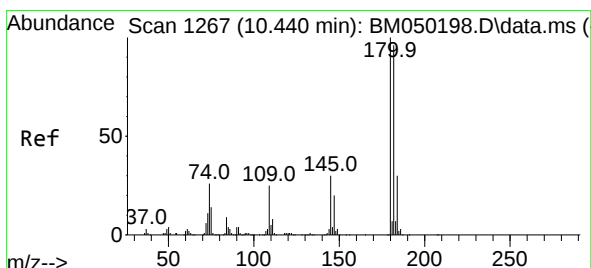
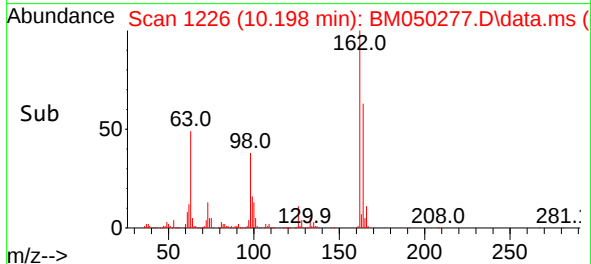
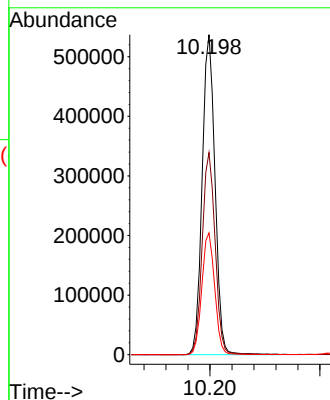
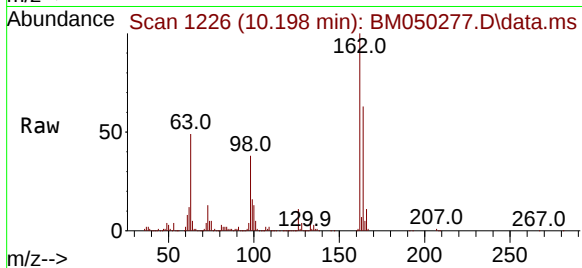
Tgt Ion:162 Resp: 871420

Ion Ratio Lower Upper

162 100

164 63.1 45.0 85.0

98 38.1 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 38.916 ng

RT: 10.416 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

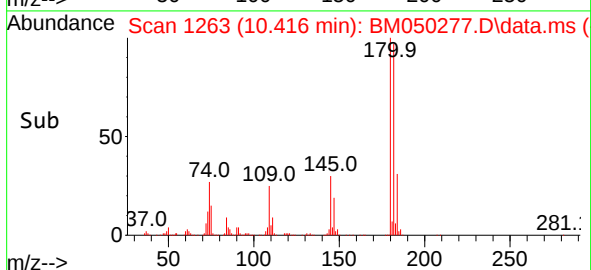
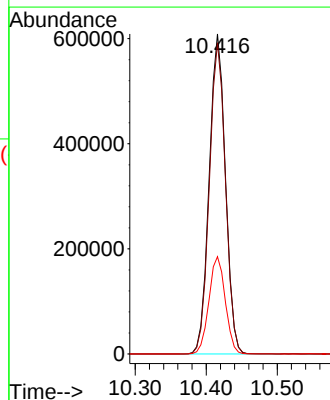
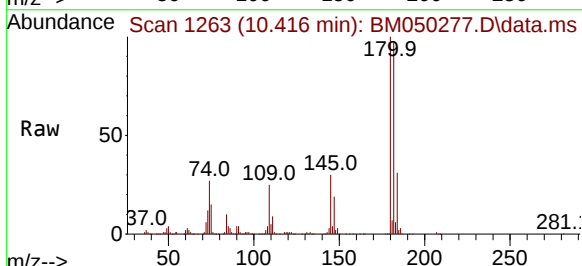
Tgt Ion:180 Resp: 967611

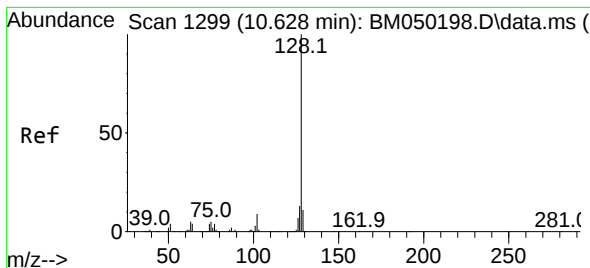
Ion Ratio Lower Upper

180 100

182 97.2 76.6 114.8

145 30.4 24.2 36.4

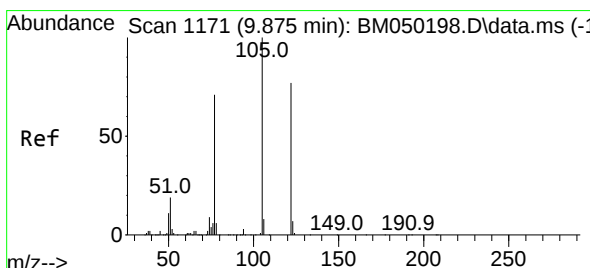
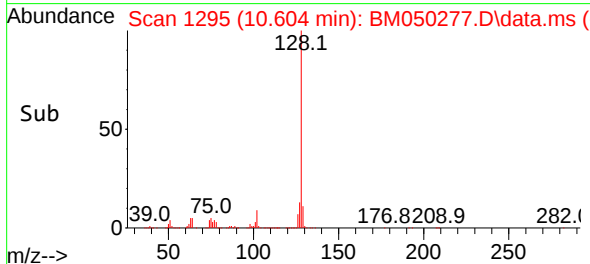
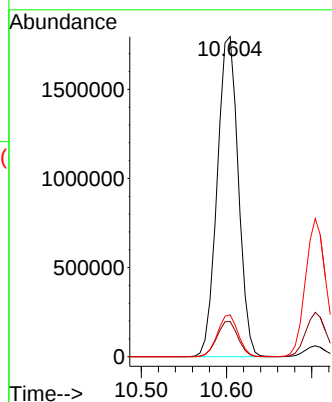
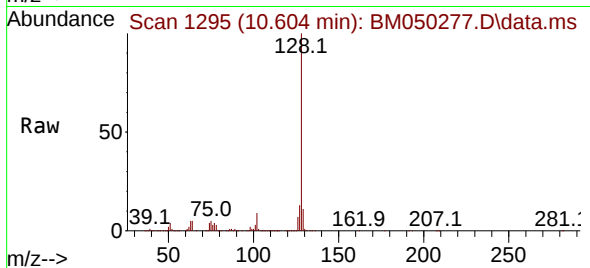




#31
Naphthalene
Concen: 38.444 ng
RT: 10.604 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

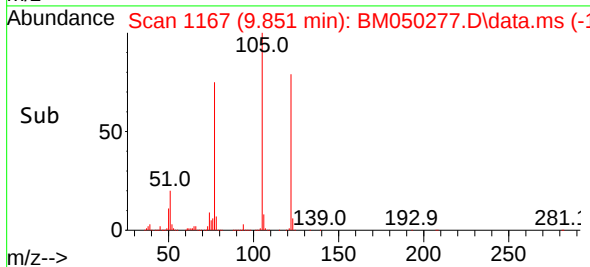
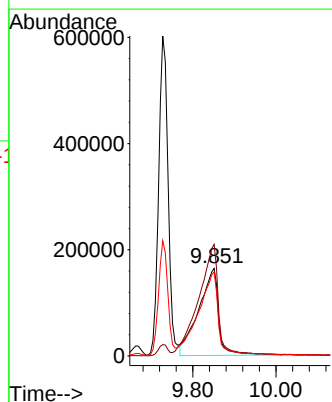
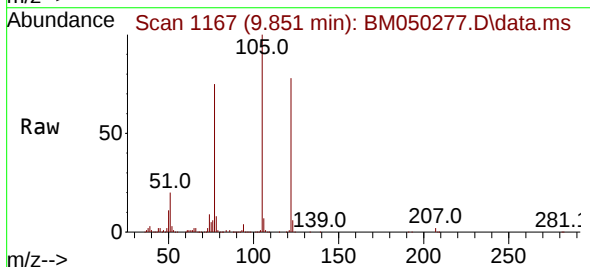
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

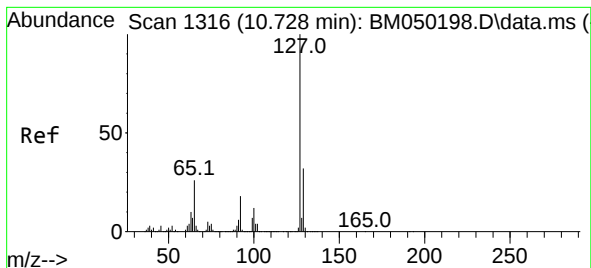
Tgt Ion:128 Resp: 3094262
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 36.270 ng
RT: 9.851 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:122 Resp: 550355
Ion Ratio Lower Upper
122 100
105 127.4 103.4 143.4
77 96.0 70.3 110.3





#33

4-Chloroaniline

Concen: 38.880 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 1334180

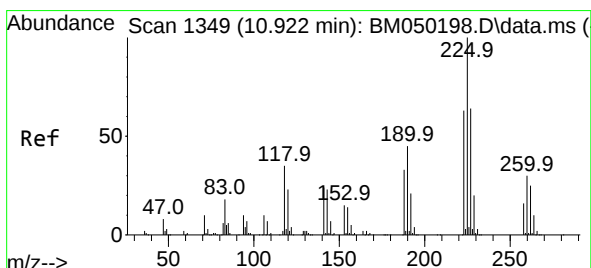
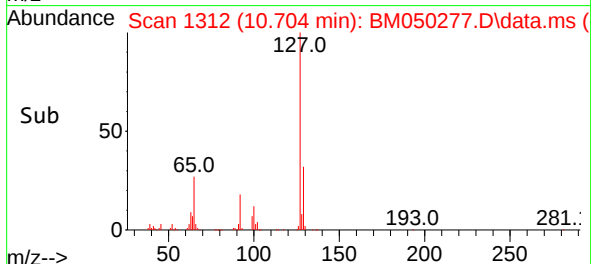
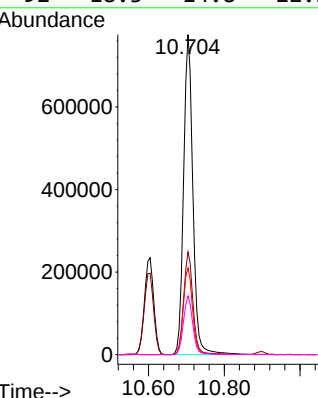
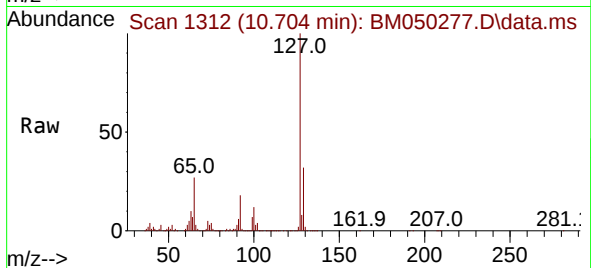
Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.0

65 27.1 21.0 31.4

92 18.3 14.8 22.2



#34

Hexachlorobutadiene

Concen: 37.823 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

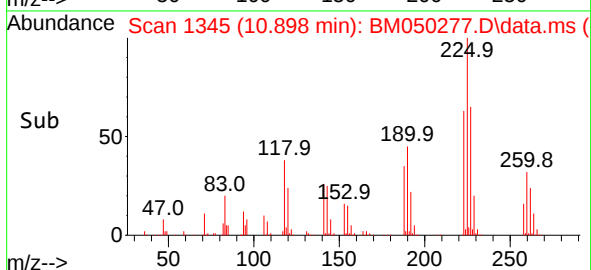
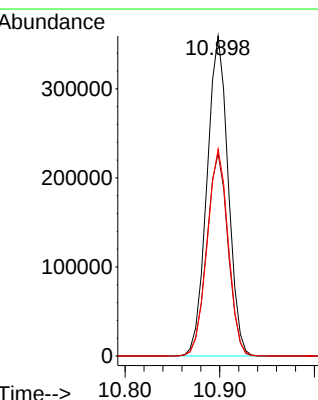
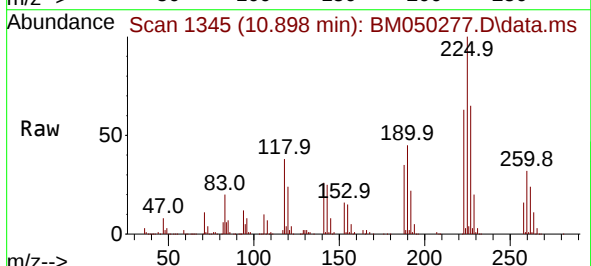
Tgt Ion:225 Resp: 559388

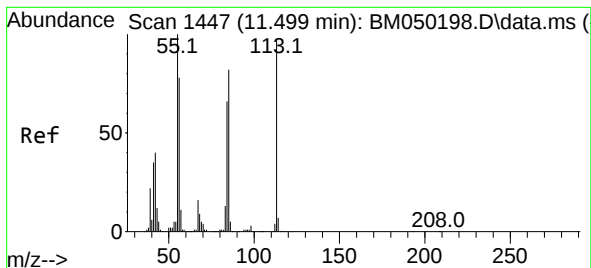
Ion Ratio Lower Upper

225 100

223 63.2 50.2 75.2

227 64.7 51.0 76.4





#35

Caprolactam

Concen: 38.049 ng

RT: 11.480 min Scan# 14

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

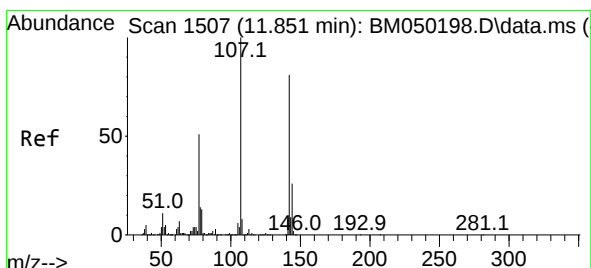
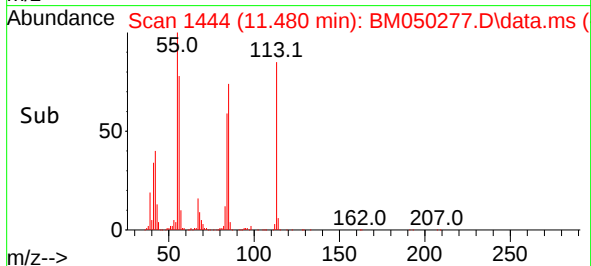
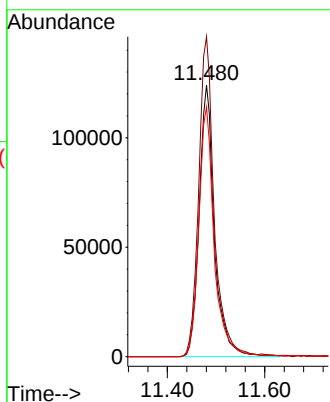
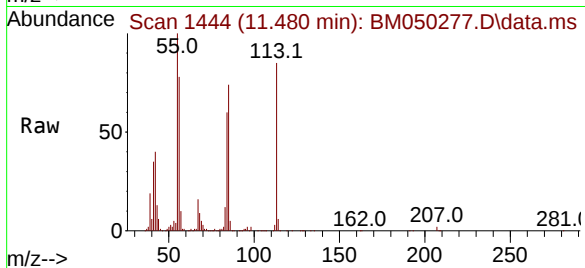
Tgt Ion:113 Resp: 269529

Ion Ratio Lower Upper

113 100

55 117.8 83.5 123.5

56 91.9 60.6 100.6



#36

4-Chloro-3-methylphenol

Concen: 39.332 ng

RT: 11.833 min Scan# 1504

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

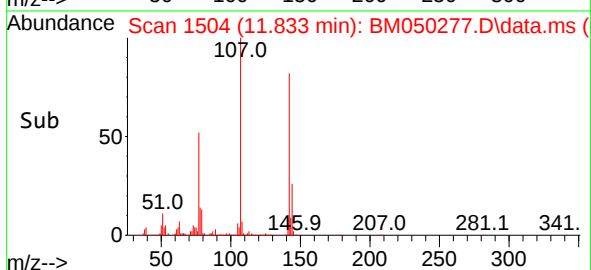
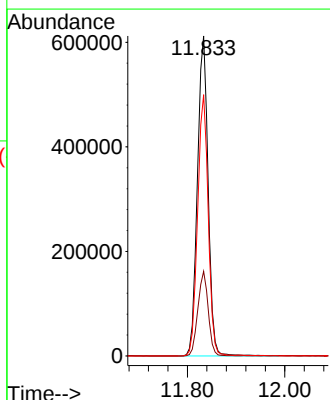
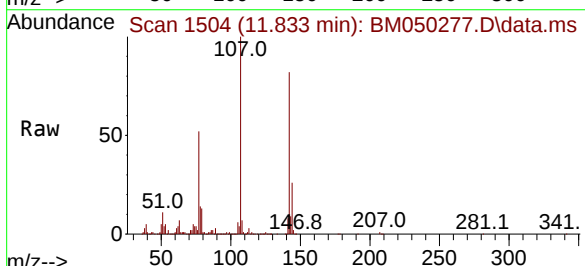
Tgt Ion:107 Resp: 937746

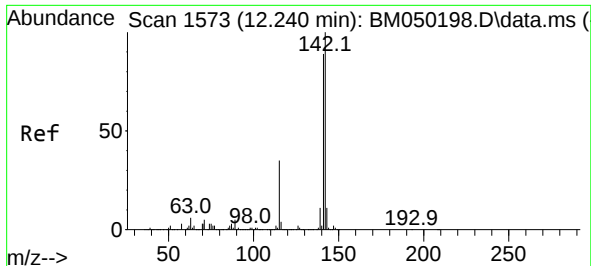
Ion Ratio Lower Upper

107 100

144 26.4 21.0 31.6

142 81.6 64.8 97.2

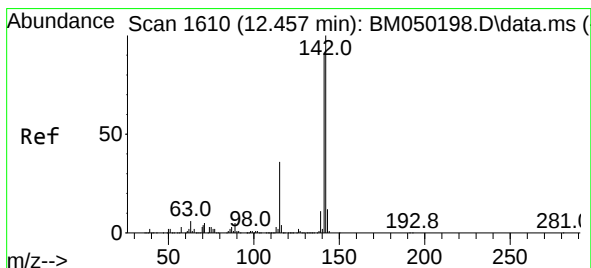
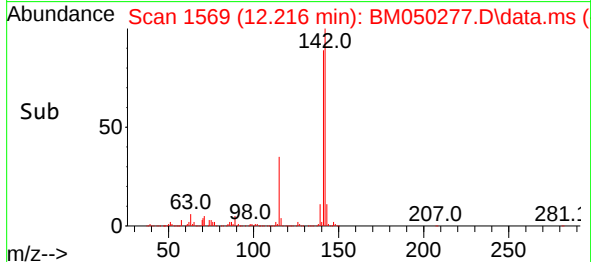
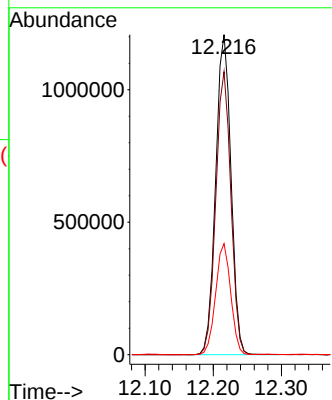
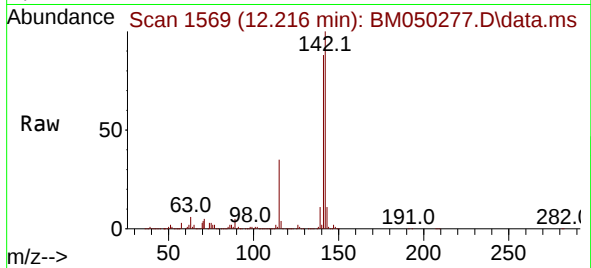




#37
2-Methylnaphthalene
Concen: 38.879 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

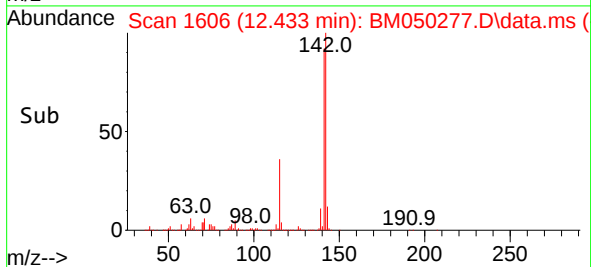
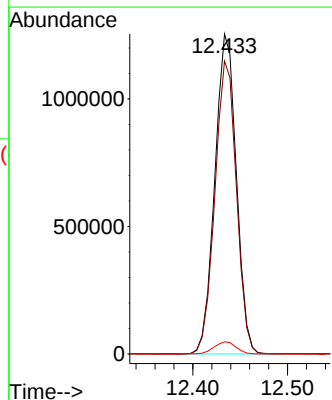
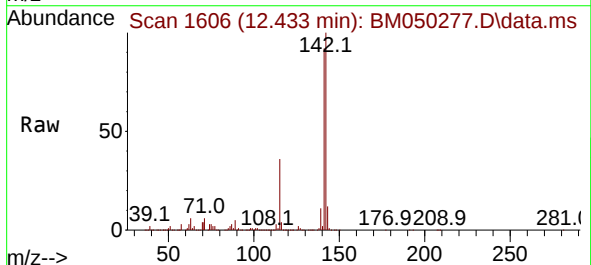
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

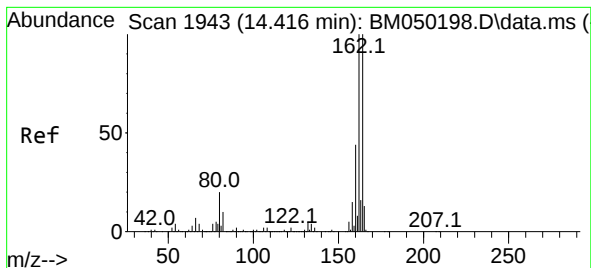
Tgt Ion:142 Resp: 1887813
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 34.7 27.8 41.8



#38
1-Methylnaphthalene
Concen: 38.379 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:142 Resp: 1977930
Ion Ratio Lower Upper
142 100
141 91.6 72.9 109.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

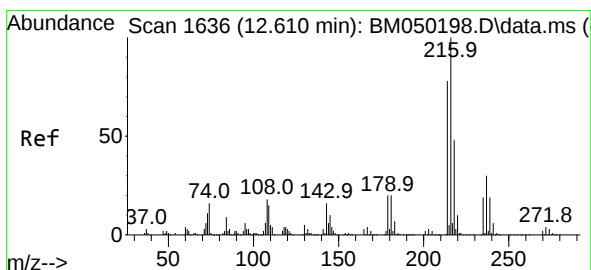
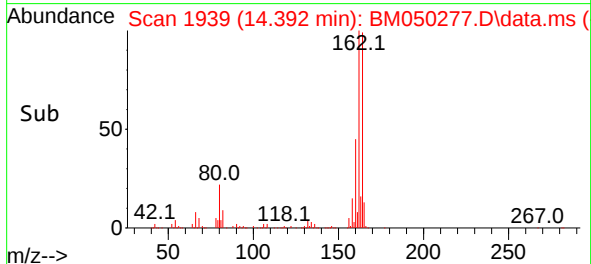
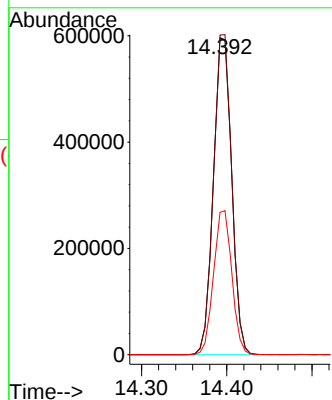
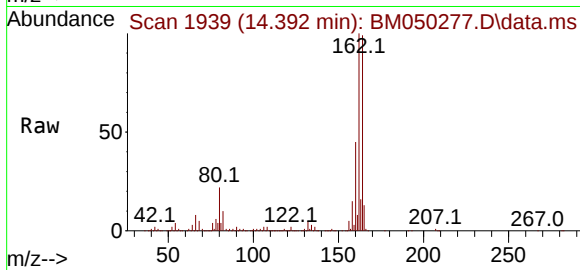
Tgt Ion:164 Resp: 888836

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.4

160 45.0 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.002 ng

RT: 12.586 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Tgt Ion:216 Resp: 1026691

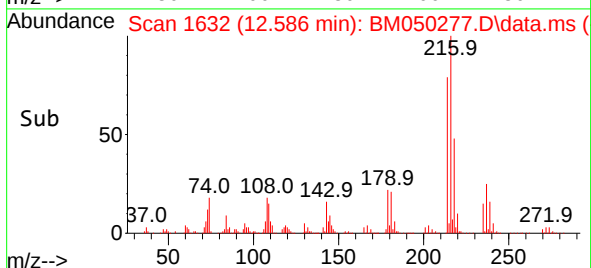
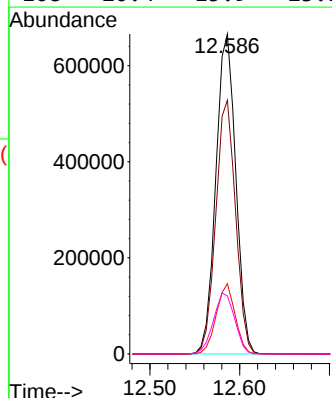
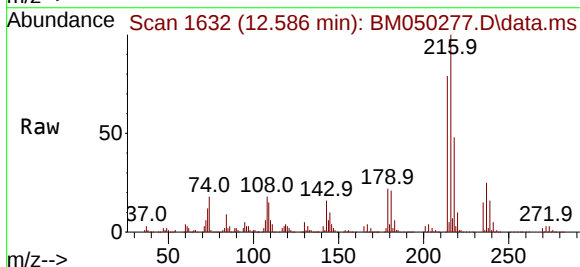
Ion Ratio Lower Upper

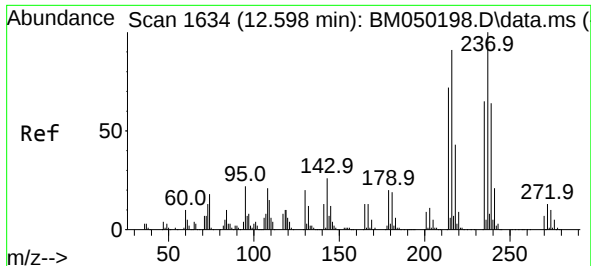
216 100

214 78.6 63.0 94.4

179 20.9 16.6 25.0

108 20.4 15.9 23.9

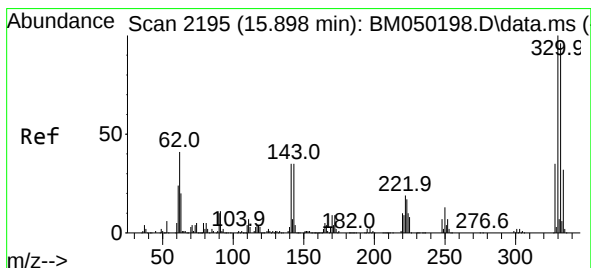
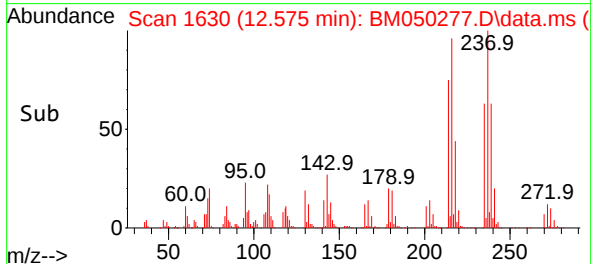
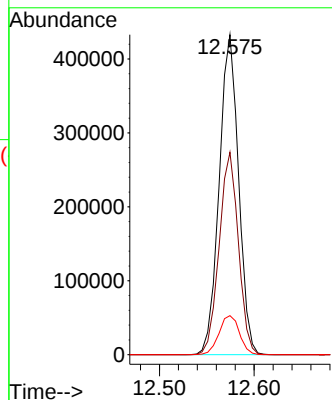
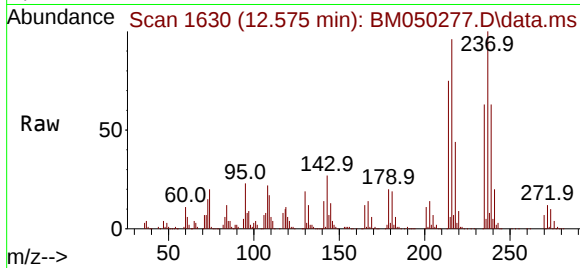




#41
Hexachlorocyclopentadiene
Concen: 39.489 ng
RT: 12.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

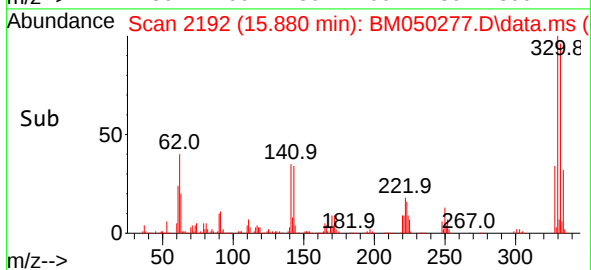
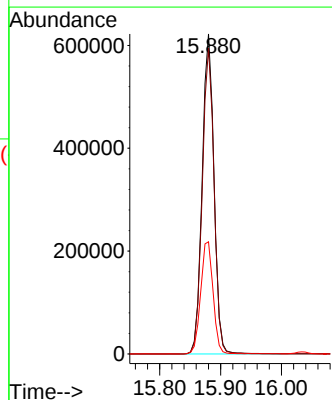
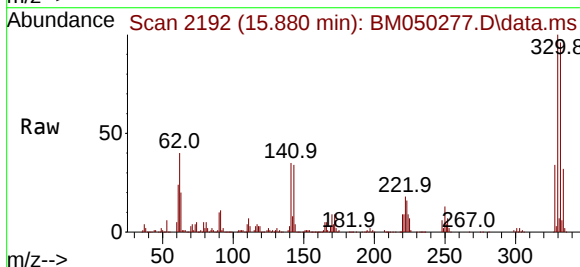
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

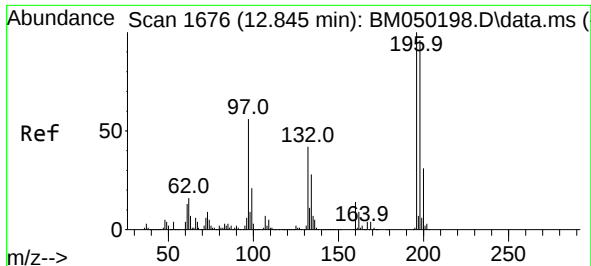
Tgt Ion:237 Resp: 615515
Ion Ratio Lower Upper
237 100
235 63.3 44.6 84.6
272 12.2 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 83.110 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:330 Resp: 840232
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 36.9 28.8 43.2

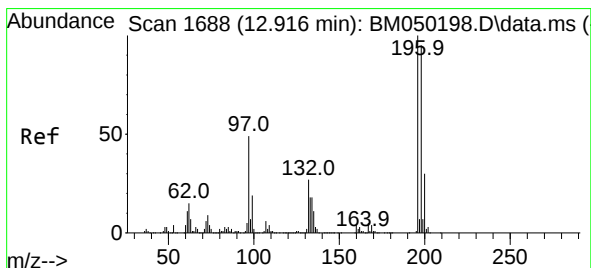
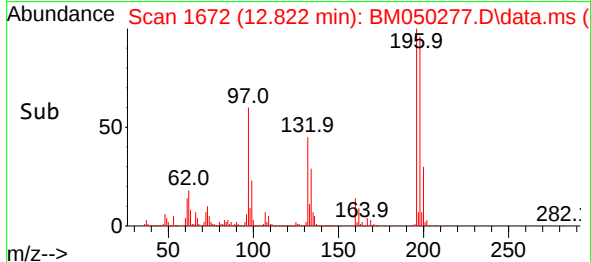
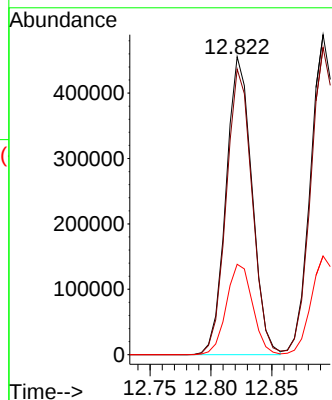
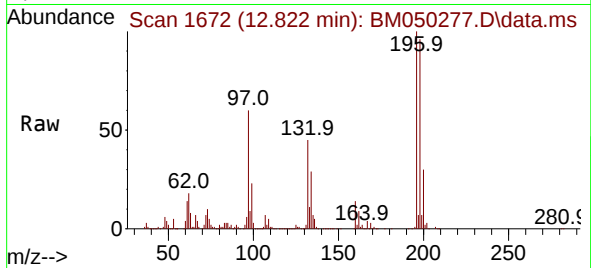




#43
2,4,6-Trichlorophenol
Concen: 40.009 ng
RT: 12.822 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

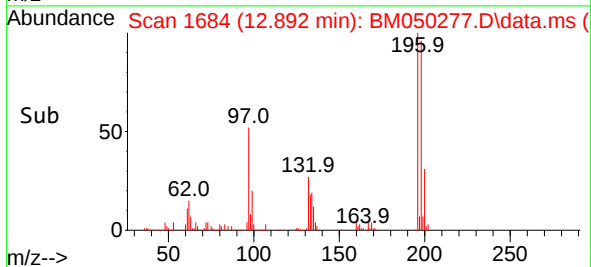
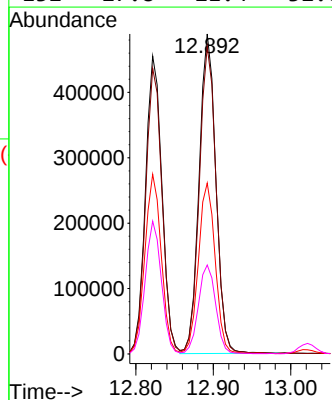
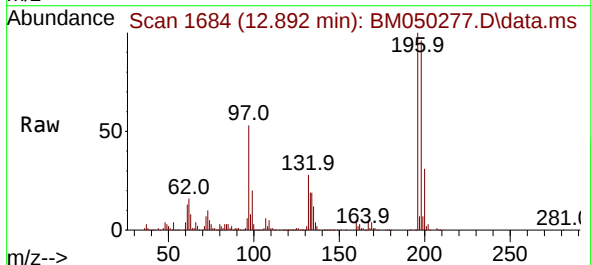
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

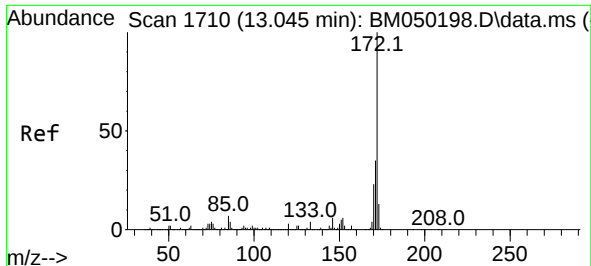
Tgt Ion:196 Resp: 675293
Ion Ratio Lower Upper
196 100
198 95.9 76.6 115.0
200 30.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 39.600 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:196 Resp: 733855
Ion Ratio Lower Upper
196 100
198 96.0 76.1 114.1
97 53.4 39.3 58.9
132 27.8 21.4 32.0

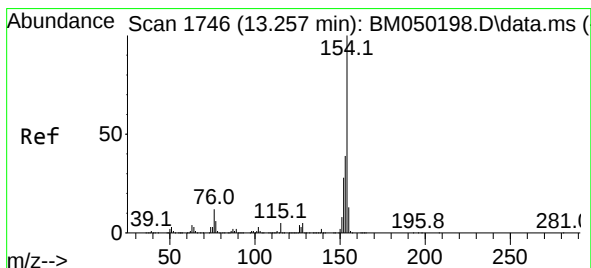
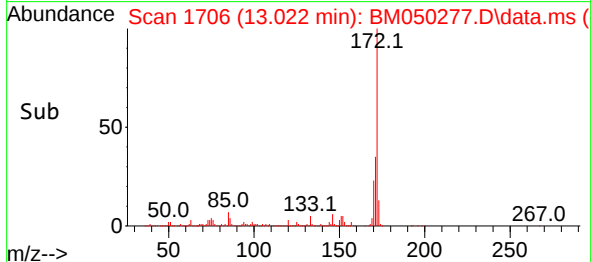
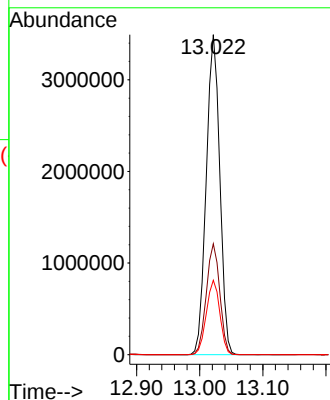
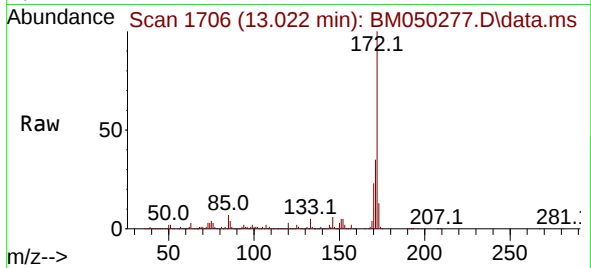




#45
2-Fluorobiphenyl
Concen: 79.033 ng
RT: 13.022 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

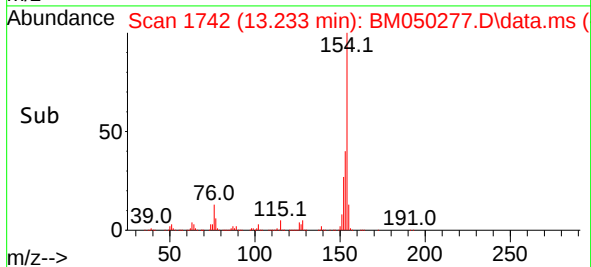
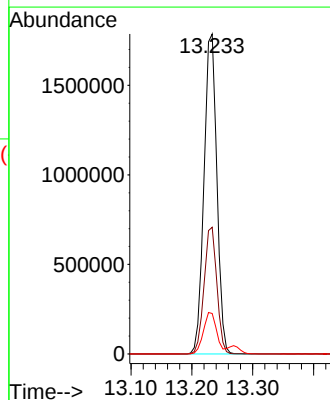
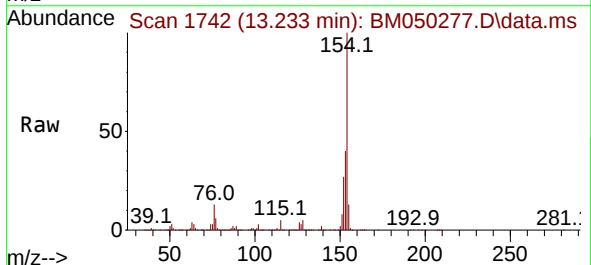
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

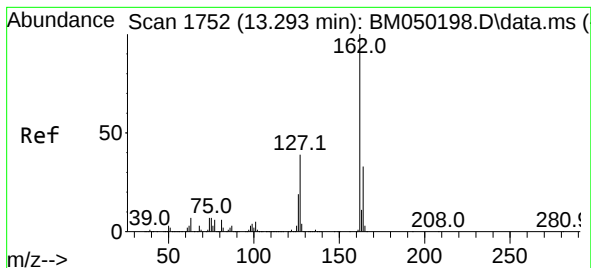
Tgt Ion:172 Resp: 5188711
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 39.389 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:154 Resp: 2621510
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 12.7 0.0 32.0

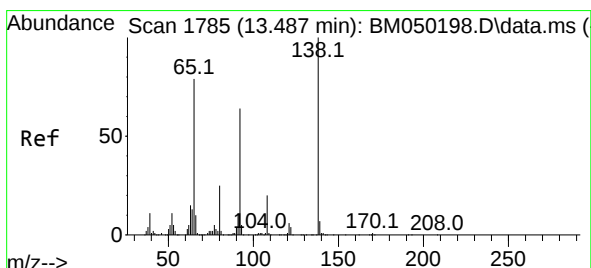
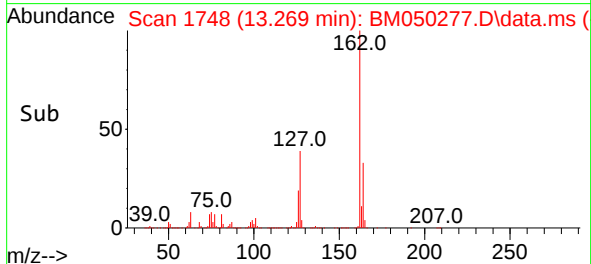
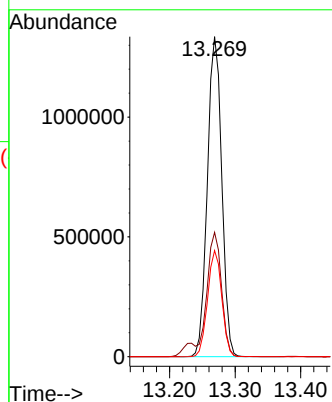
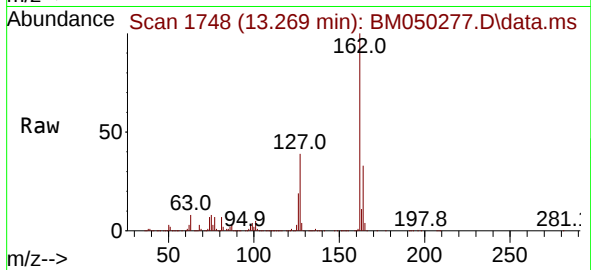




#47
2-Chloronaphthalene
Concen: 39.411 ng
RT: 13.269 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

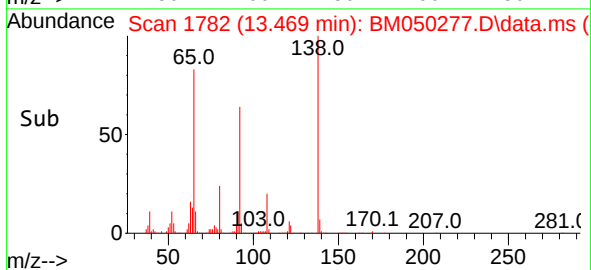
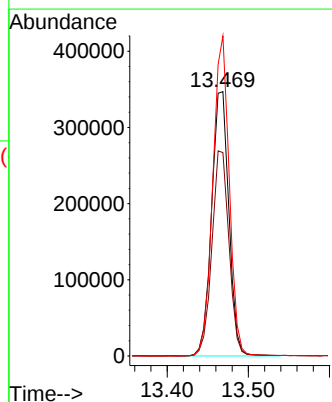
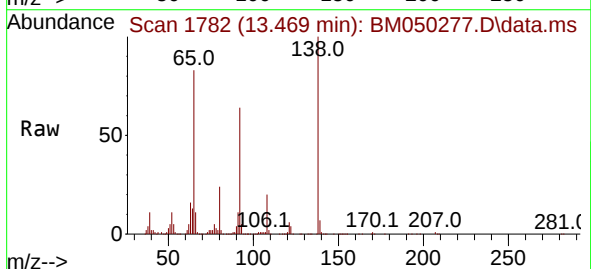
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

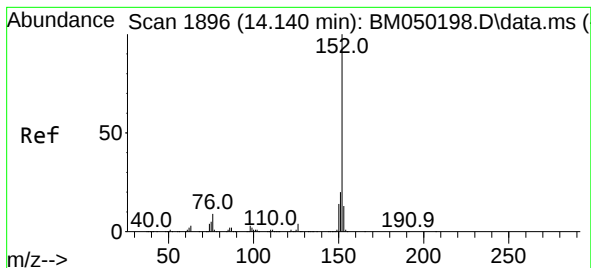
Tgt Ion:162 Resp: 2039196
Ion Ratio Lower Upper
162 100
127 38.8 31.1 46.7
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 45.072 ng
RT: 13.469 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 65 Resp: 513213
Ion Ratio Lower Upper
65 100
92 77.0 64.2 96.4
138 121.0 101.0 151.4





#49

Acenaphthylene

Concen: 39.261 ng

RT: 14.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

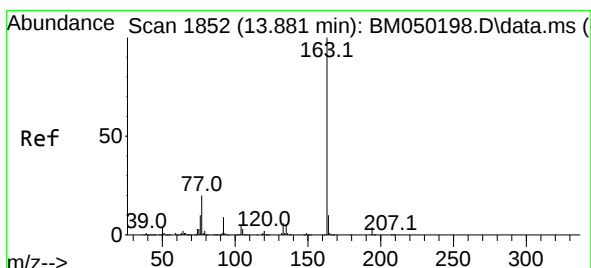
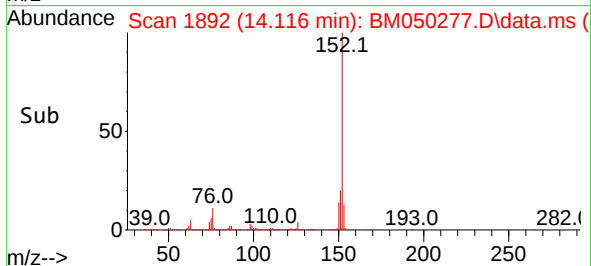
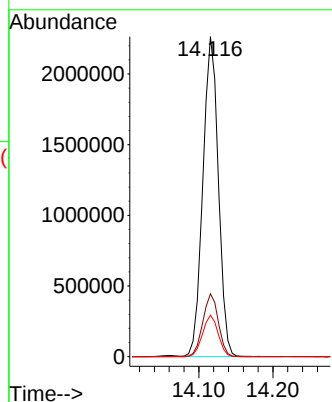
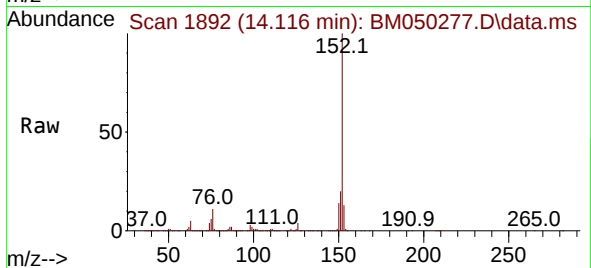
Tgt Ion:152 Resp: 3285780

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 39.949 ng

RT: 13.857 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

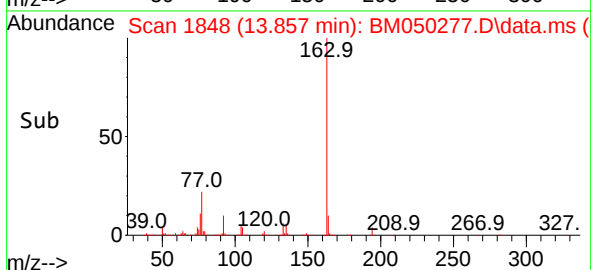
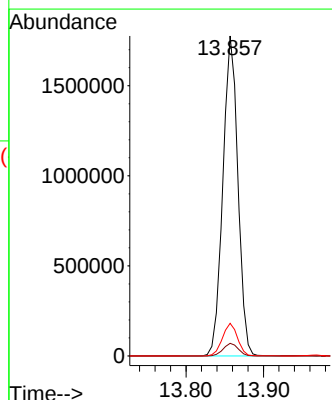
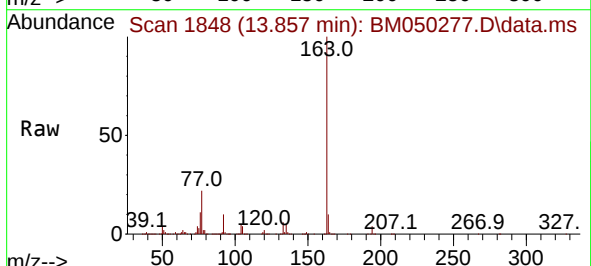
Tgt Ion:163 Resp: 2401432

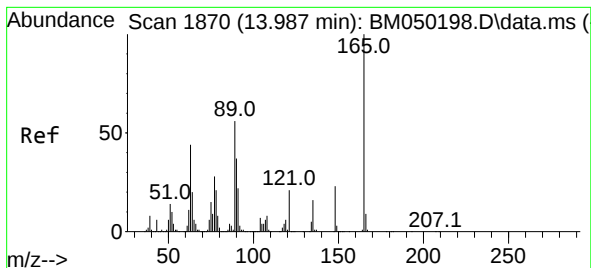
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 7.9 11.9

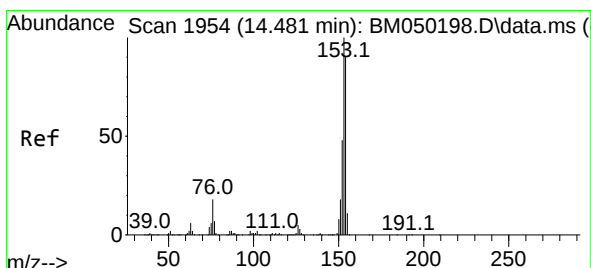
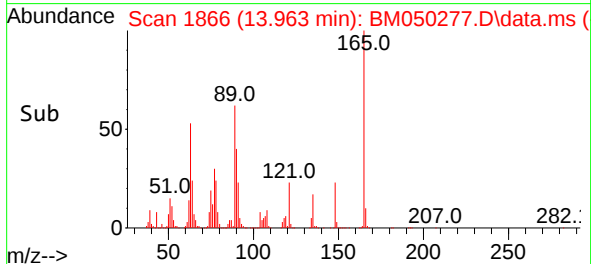
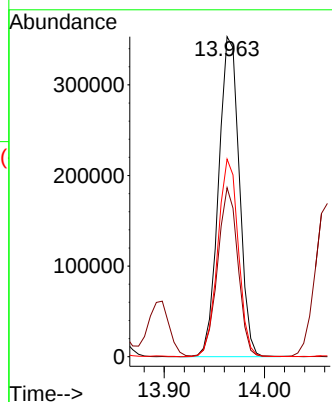
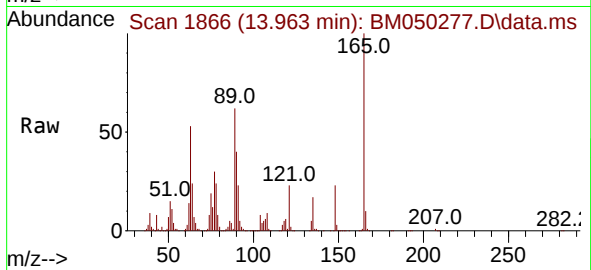




#51
2,6-Dinitrotoluene
Concen: 41.682 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

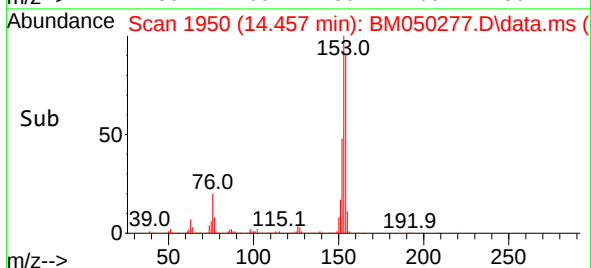
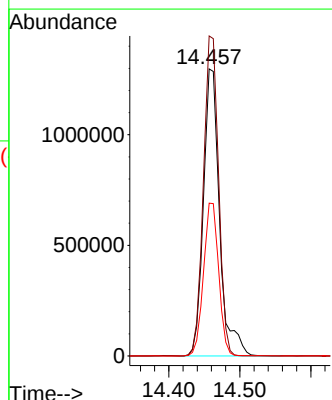
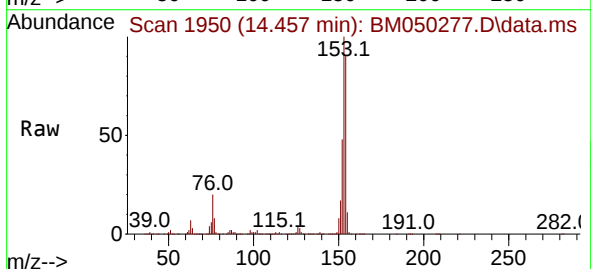
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

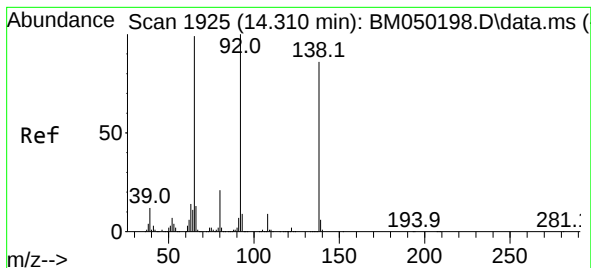
Tgt Ion:165 Resp: 505289
Ion Ratio Lower Upper
165 100
63 52.8 35.8 53.6
89 61.8 44.8 67.2



#52
Acenaphthene
Concen: 39.320 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:154 Resp: 2058274
Ion Ratio Lower Upper
154 100
153 111.5 88.7 133.1
152 53.2 42.6 63.8

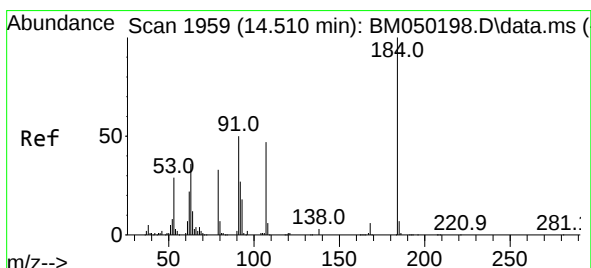
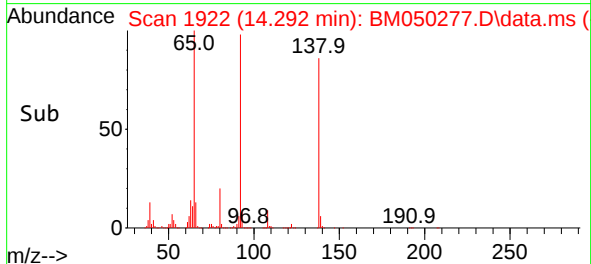
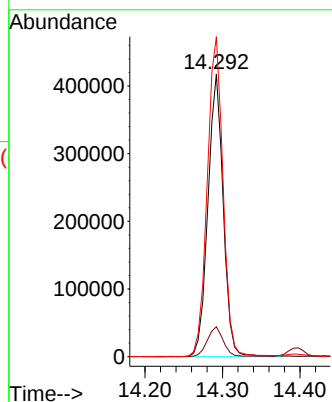
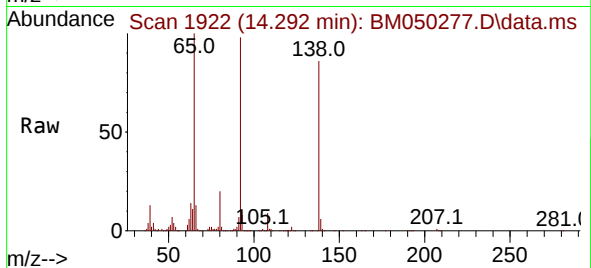




#53
3-Nitroaniline
Concen: 42.358 ng
RT: 14.292 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

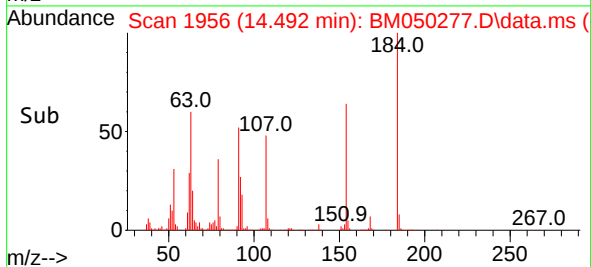
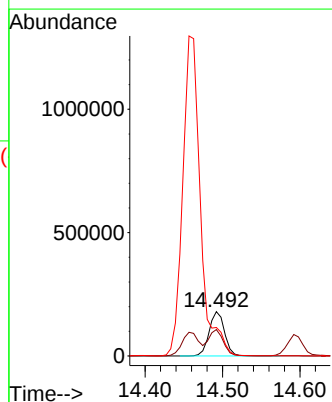
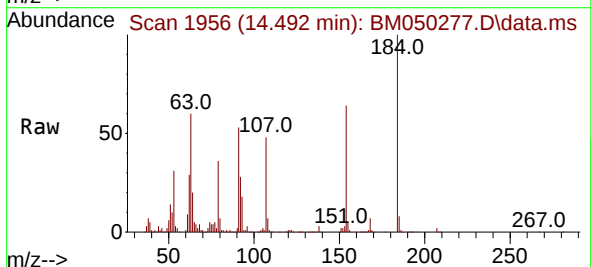
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

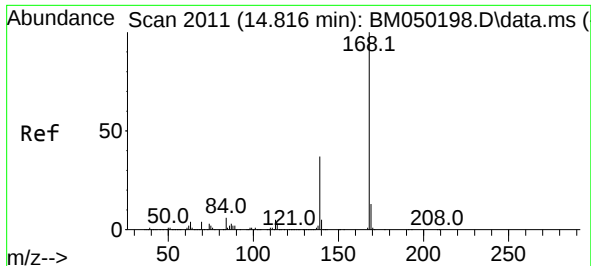
Tgt Ion:138 Resp: 572286
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 113.2 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 34.839 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:184 Resp: 248415
Ion Ratio Lower Upper
184 100
63 59.7 45.3 67.9
154 64.1 54.3 81.5

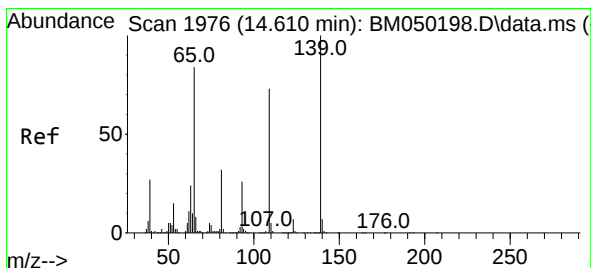
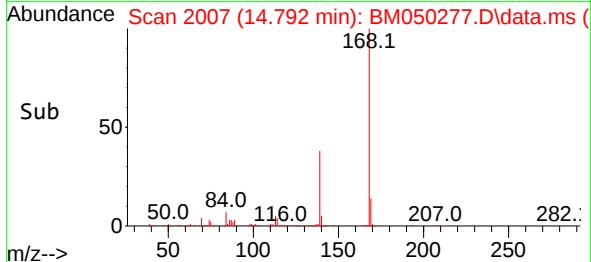
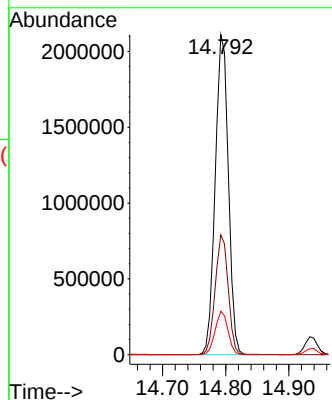
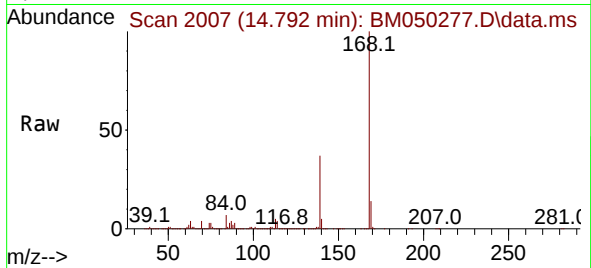




#55
Dibenzofuran
Concen: 39.802 ng
RT: 14.792 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

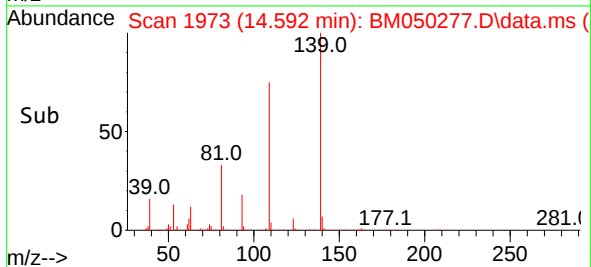
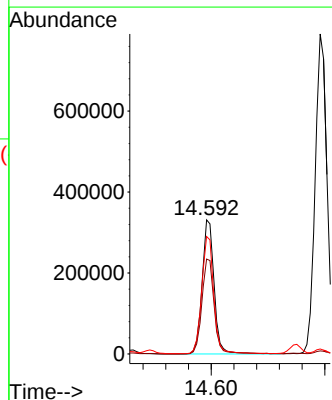
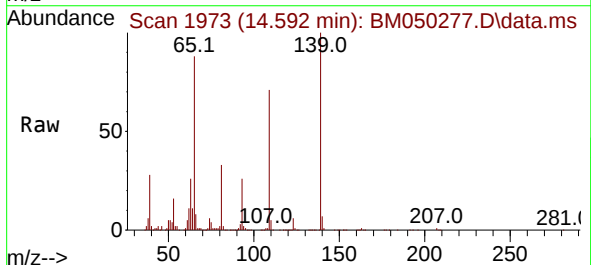
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

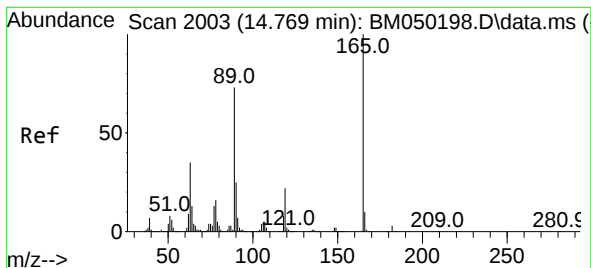
Tgt Ion:168 Resp: 3048152
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 42.292 ng
RT: 14.592 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:139 Resp: 486335
Ion Ratio Lower Upper
139 100
109 70.8 52.6 92.6
65 87.6 64.3 104.3

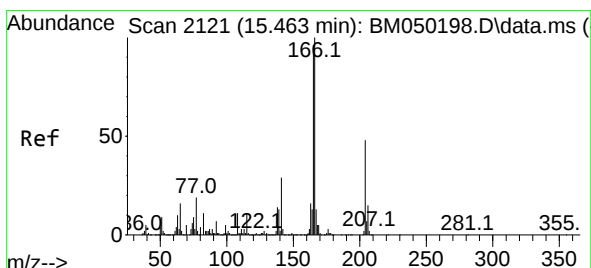
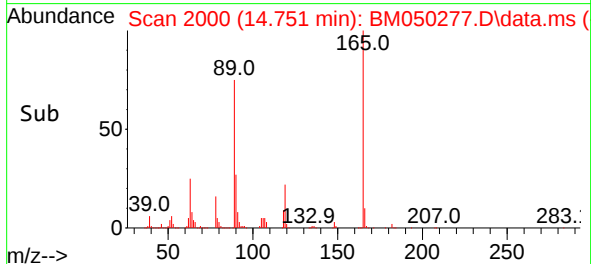
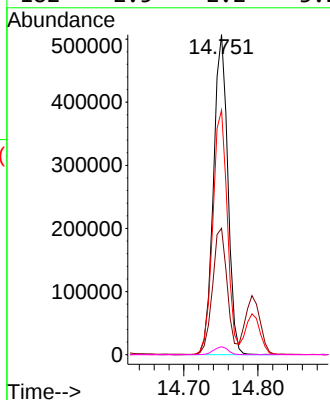
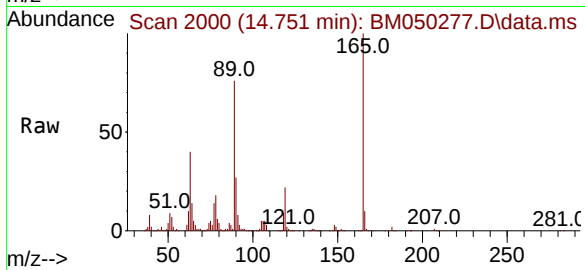




#57
2,4-Dinitrotoluene
Concen: 42.422 ng
RT: 14.751 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

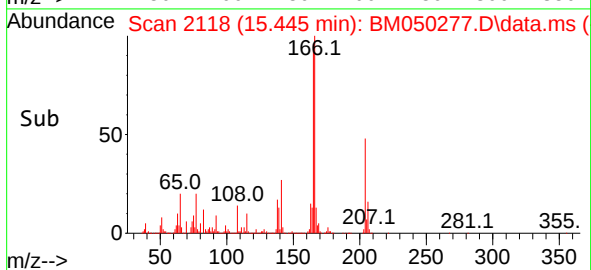
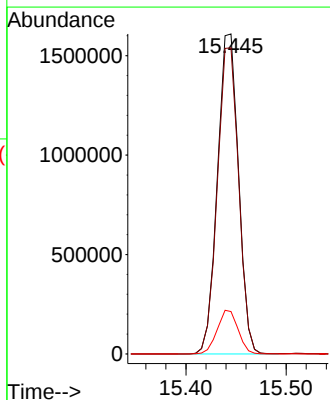
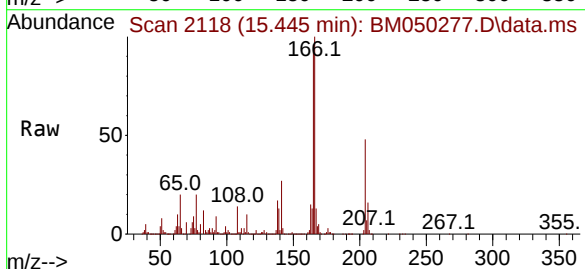
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

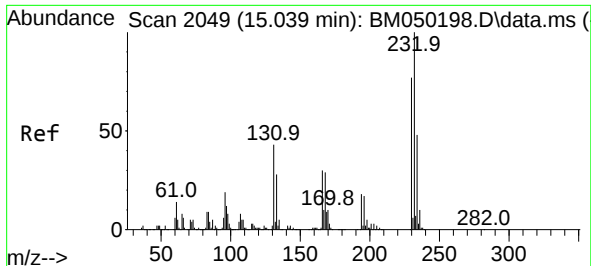
Tgt Ion:165 Resp: 678387
Ion Ratio Lower Upper
165 100
63 39.5 28.4 42.6
89 76.4 58.0 87.0
182 2.5 2.2 3.2



#58
Fluorene
Concen: 40.080 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:166 Resp: 2350935
Ion Ratio Lower Upper
166 100
165 95.7 77.0 115.4
167 13.3 10.7 16.1

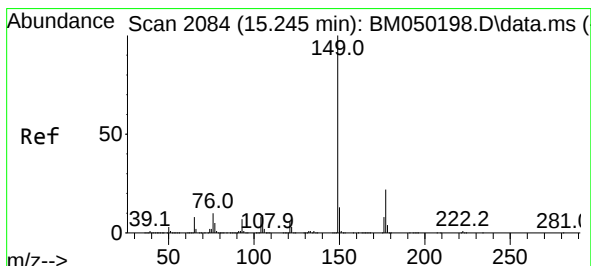
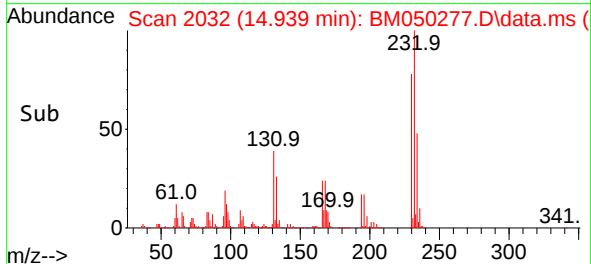
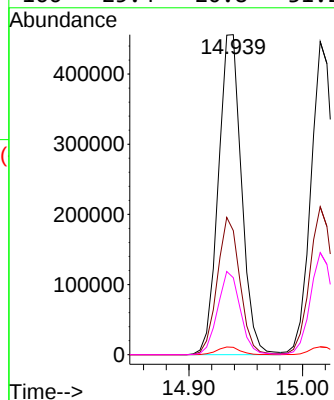
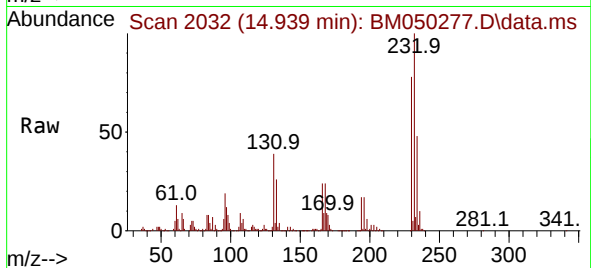




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.397 ng
RT: 14.939 min Scan# 2049
Delta R.T. -0.082 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

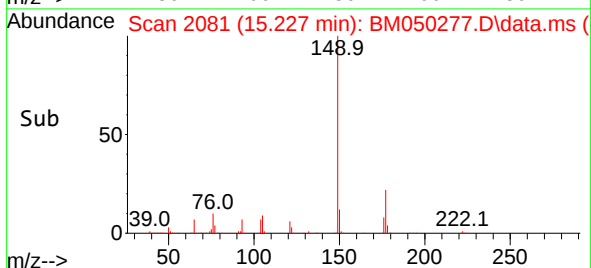
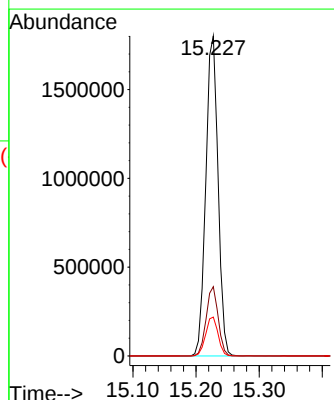
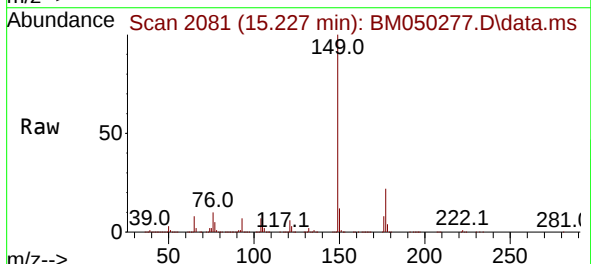
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

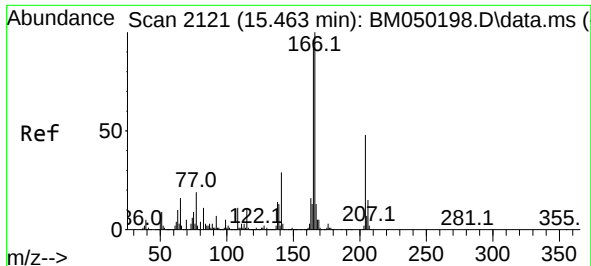
Tgt Ion:232 Resp: 647697
Ion Ratio Lower Upper
232 100
131 41.9 32.9 49.3
130 2.4 1.8 2.8
166 25.4 20.8 31.2



#60
Diethylphthalate
Concen: 40.768 ng
RT: 15.227 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:149 Resp: 2431511
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.2 10.0 15.0

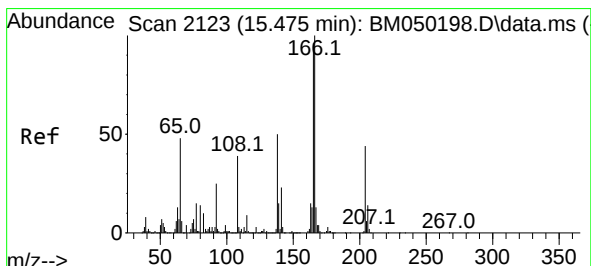
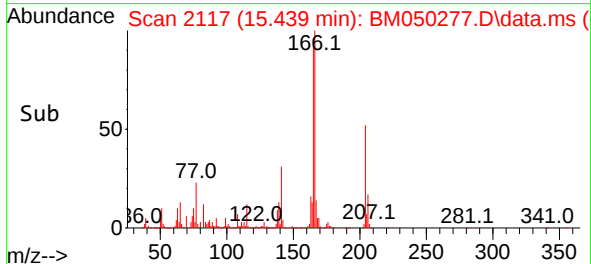
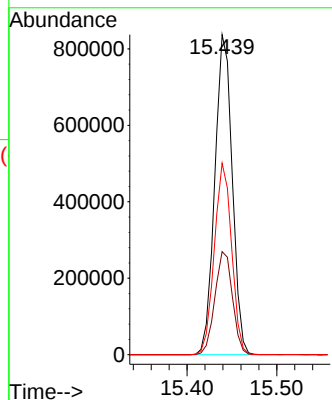
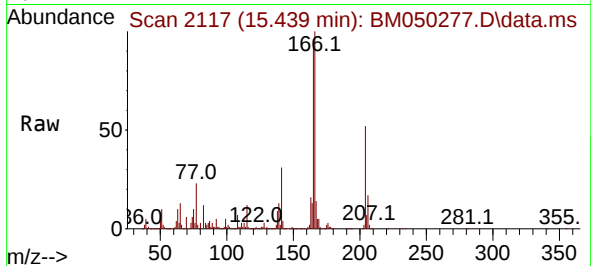




#61
4-Chlorophenyl-phenylether
Concen: 39.839 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

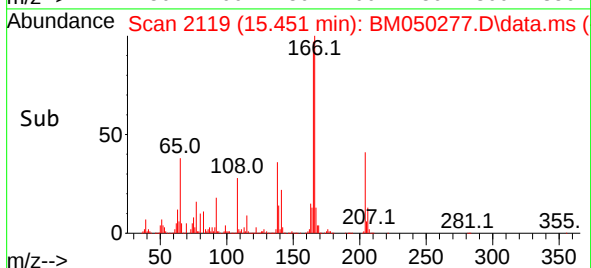
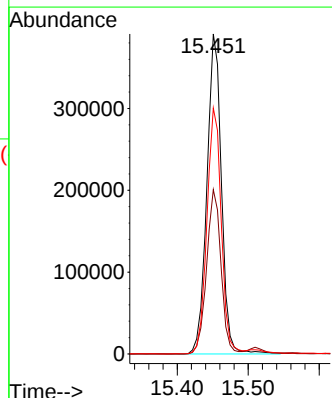
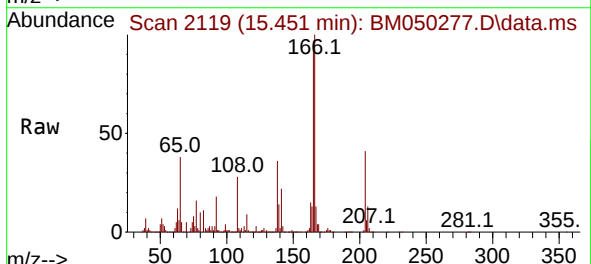
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

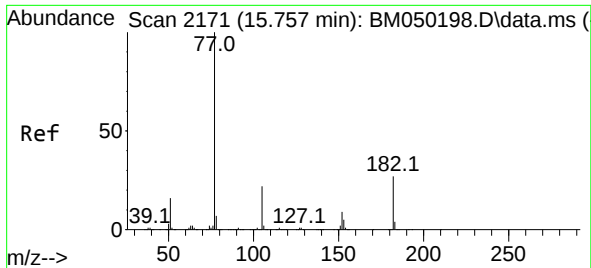
Tgt Ion:204 Resp: 1129378
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 59.9 47.9 71.9



#62
4-Nitroaniline
Concen: 44.147 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:138 Resp: 559033
Ion Ratio Lower Upper
138 100
92 51.4 28.8 68.8
108 76.9 58.1 98.1



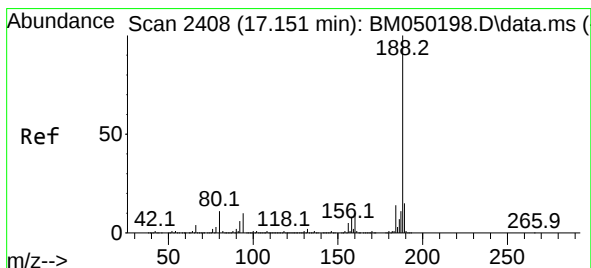
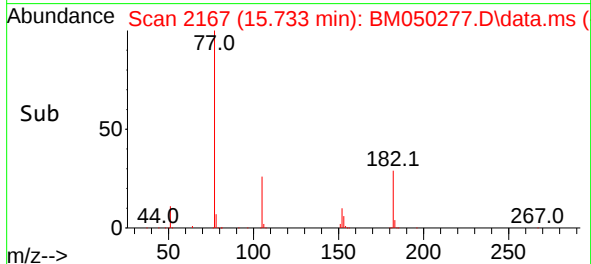
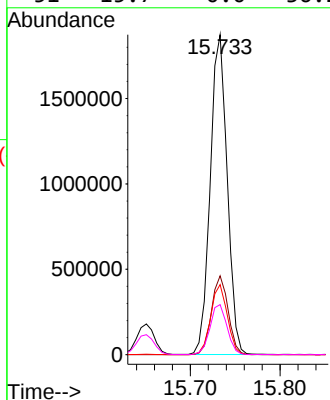
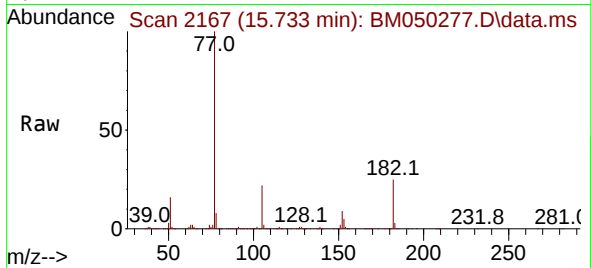


#63
Azobenzene
Concen: 41.195 ng
RT: 15.733 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2455781

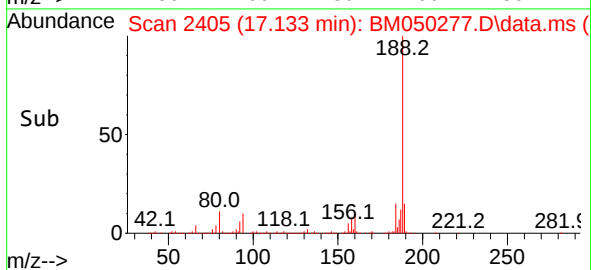
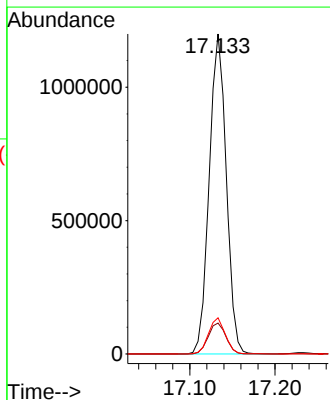
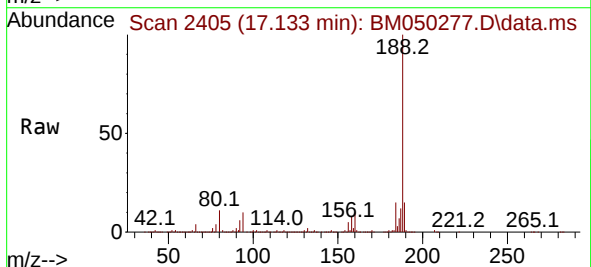
Ion	Ratio	Lower	Upper
77	100		
182	24.7	6.8	46.8
105	21.9	1.7	41.7
51	15.7	0.0	36.2

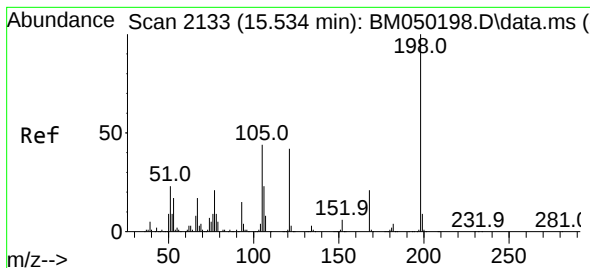


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion: 188 Resp: 1666660

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	11.3	8.6	13.0

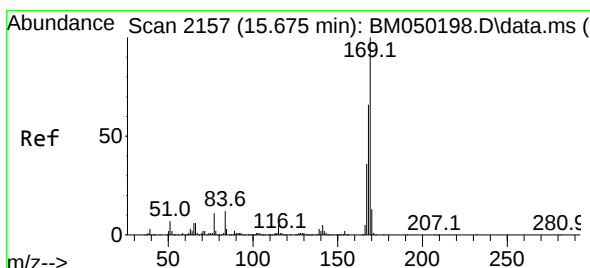
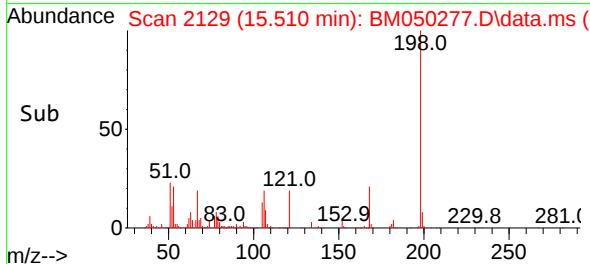
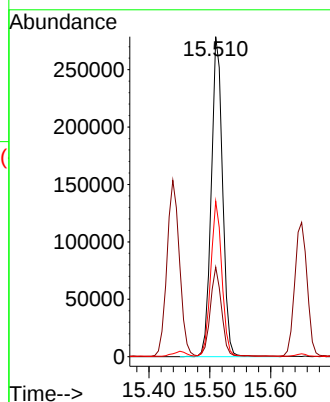
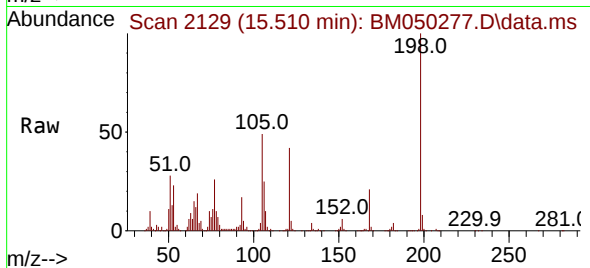




#65
4,6-Dinitro-2-methylphenol
Concen: 39.406 ng
RT: 15.510 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

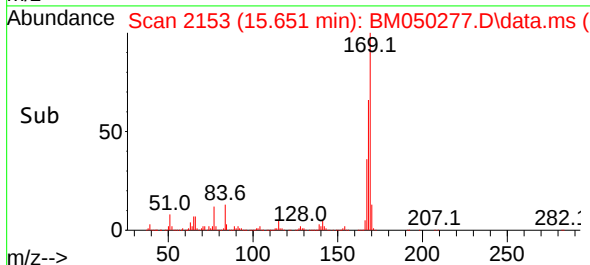
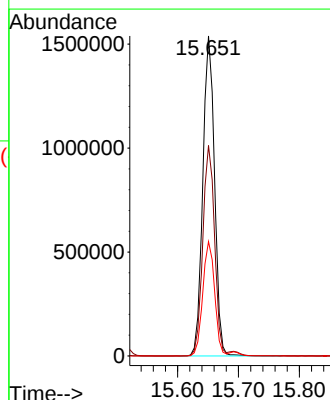
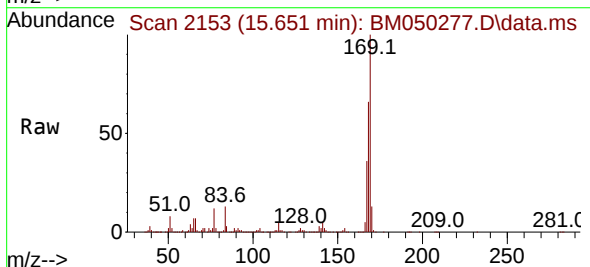
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

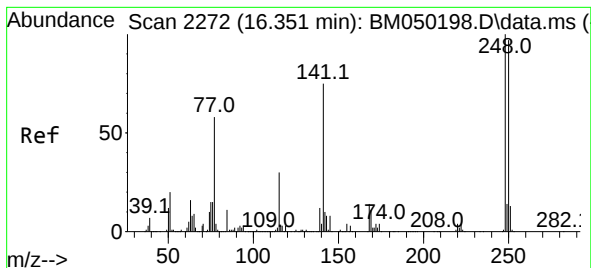
Tgt Ion:198 Resp: 358719
Ion Ratio Lower Upper
198 100
51 28.0 4.5 44.5
105 48.6 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 39.330 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:169 Resp: 2059604
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 35.7 29.0 43.6

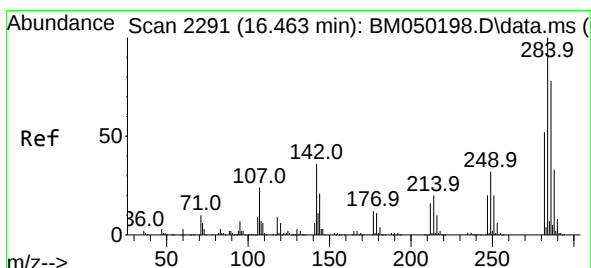
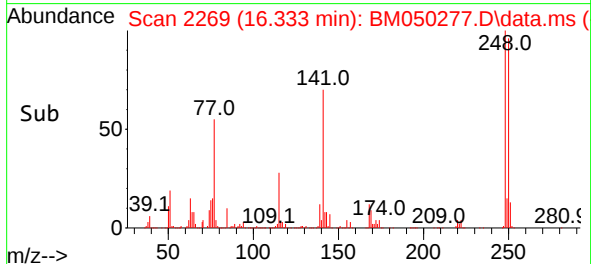
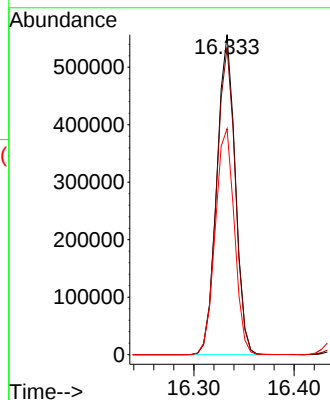
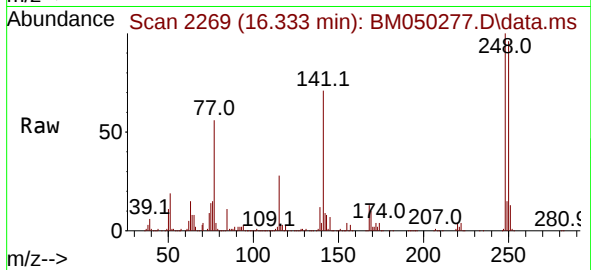




#67
4-Bromophenyl-phenylether
Concen: 39.932 ng
RT: 16.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

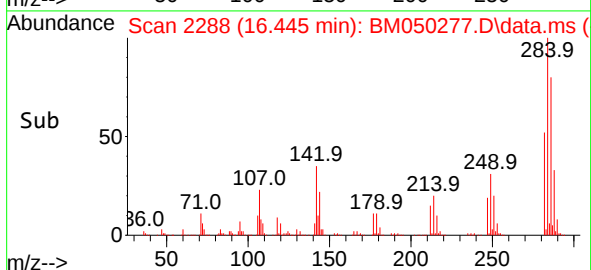
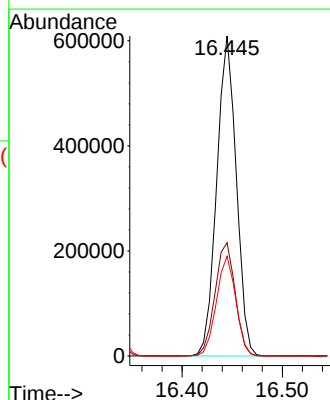
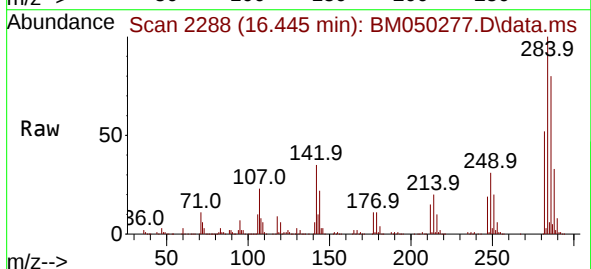
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

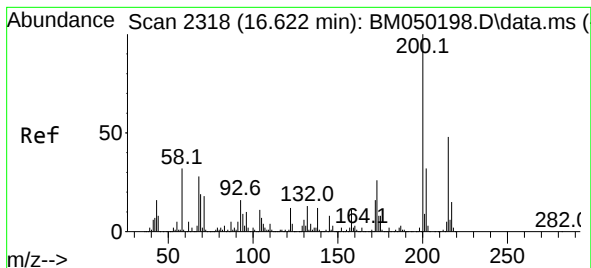
Tgt Ion:248 Resp: 709709
Ion Ratio Lower Upper
248 100
250 96.1 78.0 117.0
141 70.6 60.1 90.1



#68
Hexachlorobenzene
Concen: 39.654 ng
RT: 16.445 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:284 Resp: 823426
Ion Ratio Lower Upper
284 100
142 35.4 28.8 43.2
249 31.1 25.8 38.6





#69

Atrazine

Concen: 40.848 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

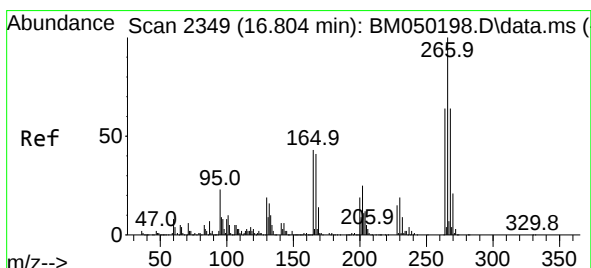
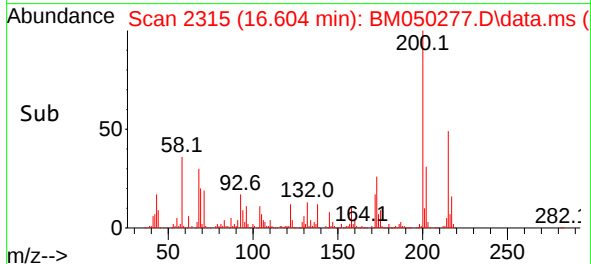
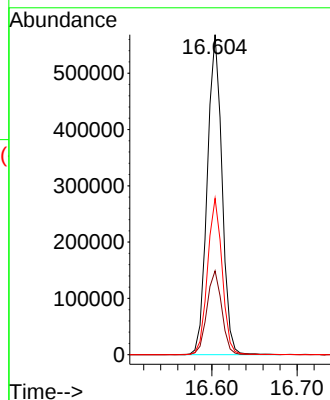
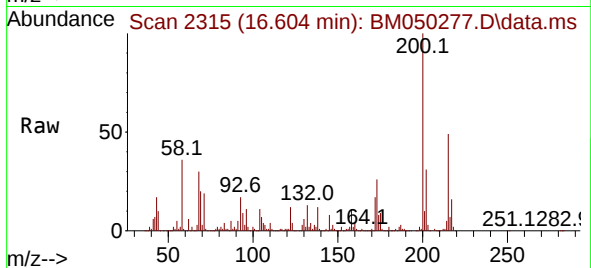
Tgt Ion:200 Resp: 681590

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

215 48.9 28.1 68.1



#70

Pentachlorophenol

Concen: 40.683 ng

RT: 16.786 min Scan# 2346

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

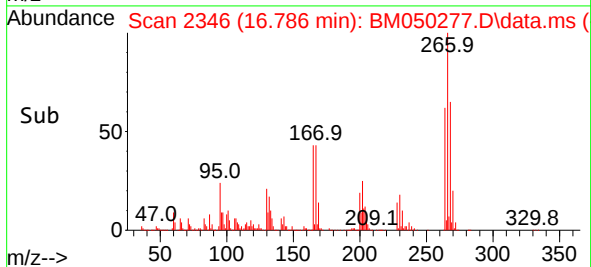
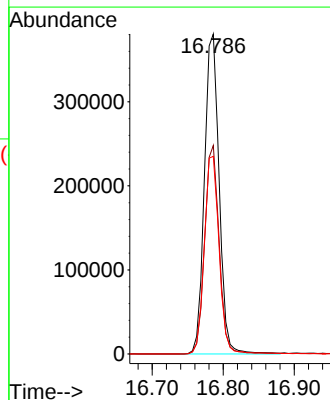
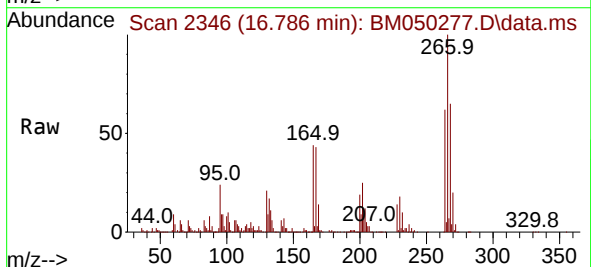
Tgt Ion:266 Resp: 549249

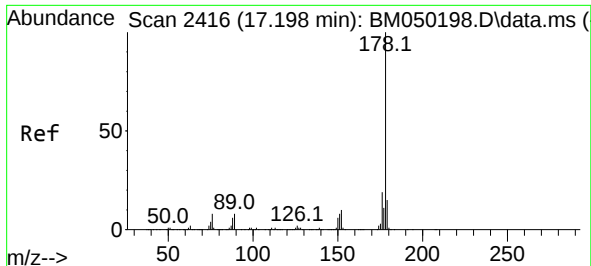
Ion Ratio Lower Upper

266 100

268 65.2 51.0 76.6

264 61.7 50.8 76.2

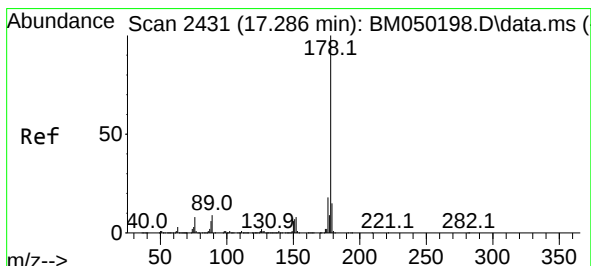
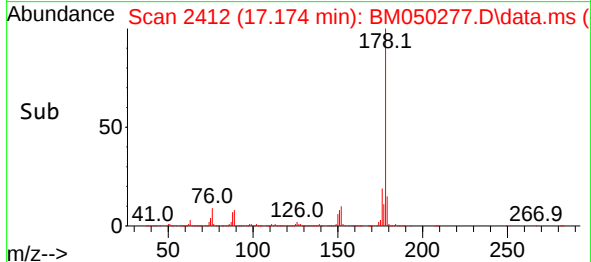
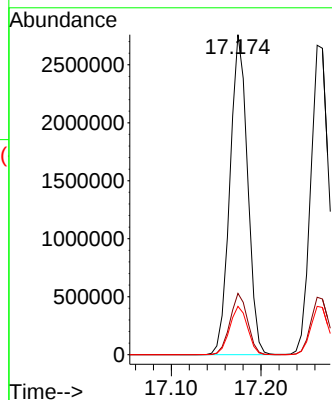
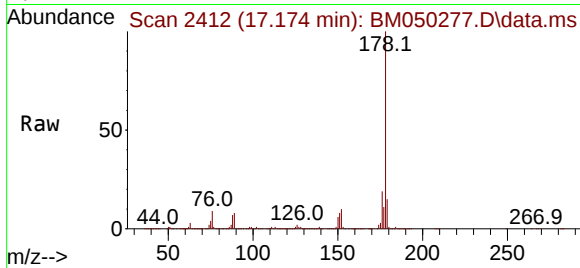




#71
Phenanthrene
Concen: 39.522 ng
RT: 17.174 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

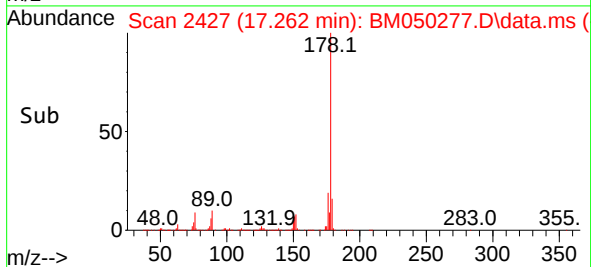
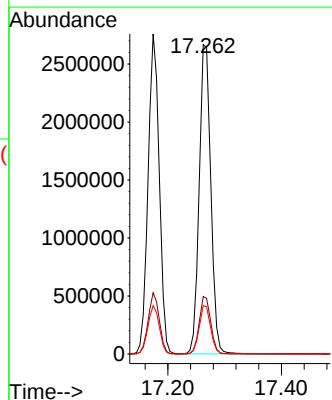
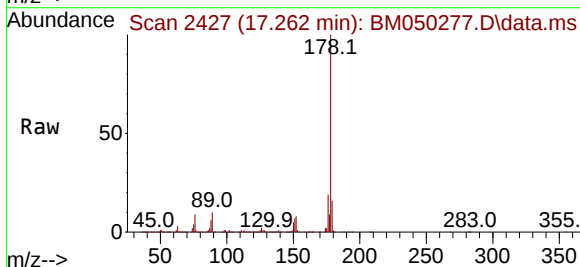
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

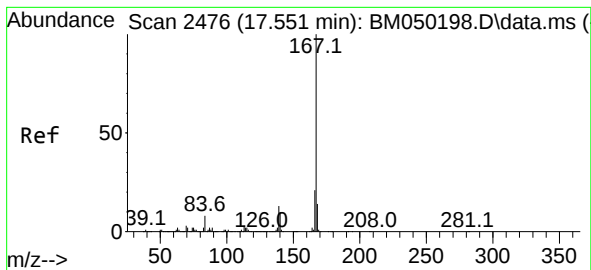
Tgt Ion:178 Resp: 3762928
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.1 12.3 18.5



#72
Anthracene
Concen: 39.959 ng
RT: 17.262 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:178 Resp: 3806042
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.3 18.5





#73

Carbazole

Concen: 40.755 ng

RT: 17.533 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

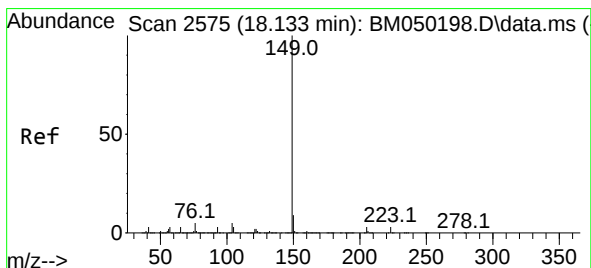
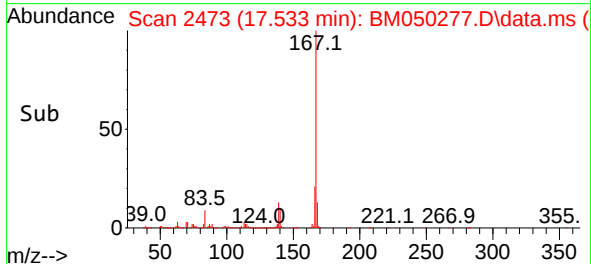
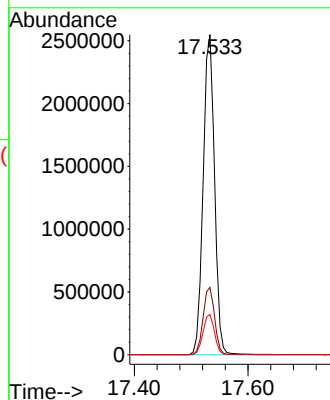
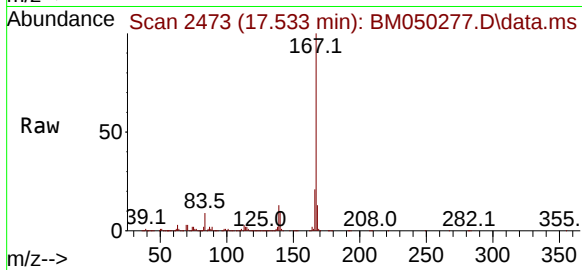
Tgt Ion:167 Resp: 3536466

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 43.276 ng

RT: 18.115 min Scan# 2572

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

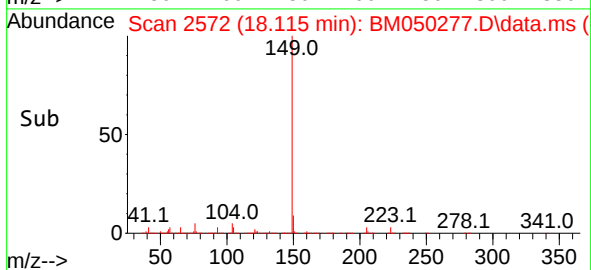
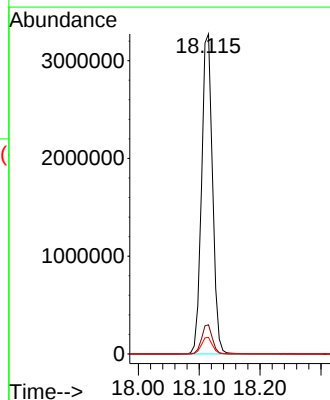
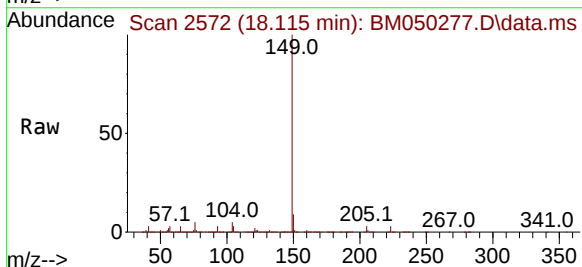
Tgt Ion:149 Resp: 4085947

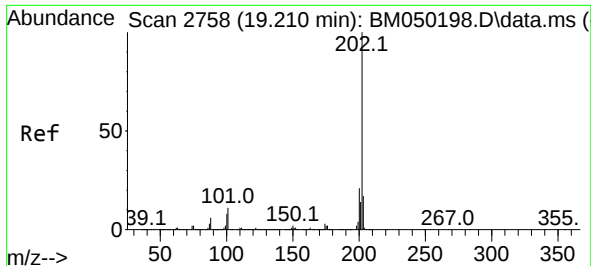
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.0 6.0

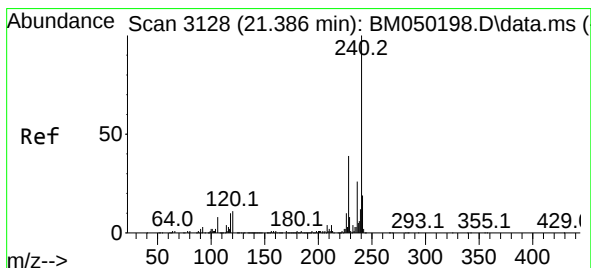
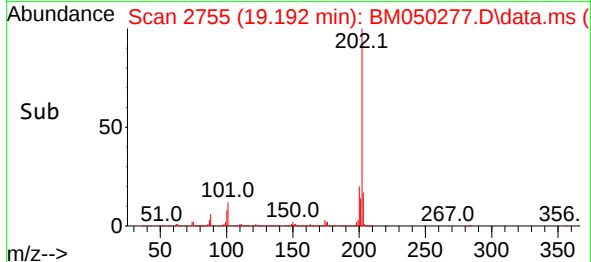
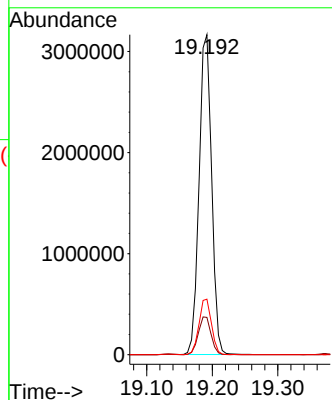
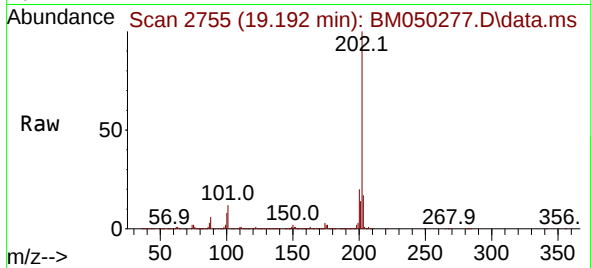




#75
Fluoranthene
Concen: 42.004 ng
RT: 19.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

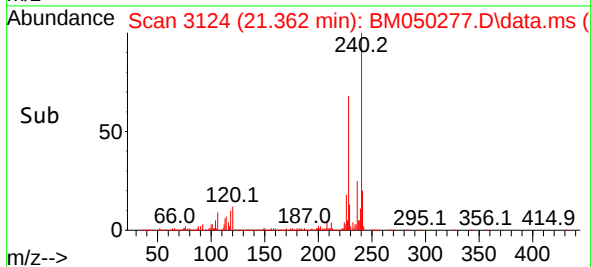
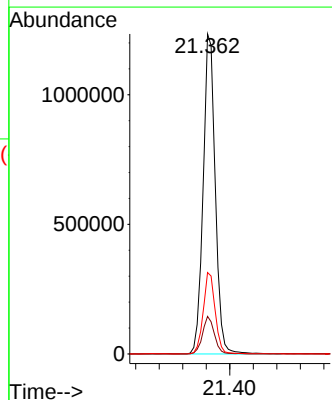
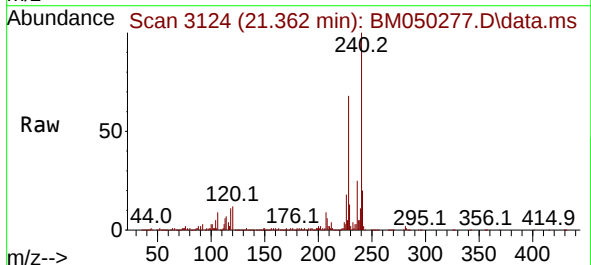
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

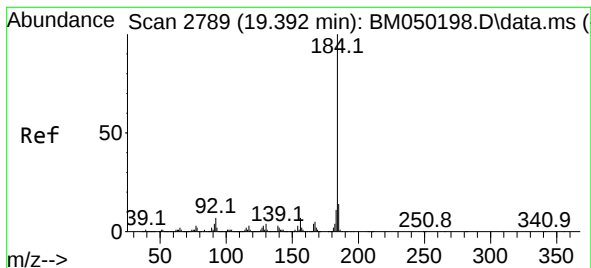
Tgt Ion:202 Resp: 4217473
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.1
203 17.3 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:240 Resp: 1770266
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 25.4 20.7 31.1





#77

Benzidine

Concen: 35.691 ng

RT: 19.374 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

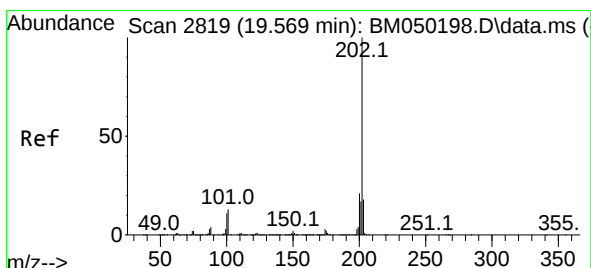
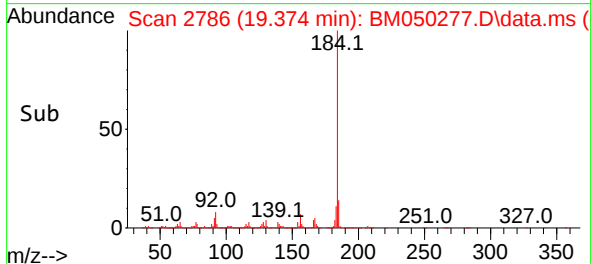
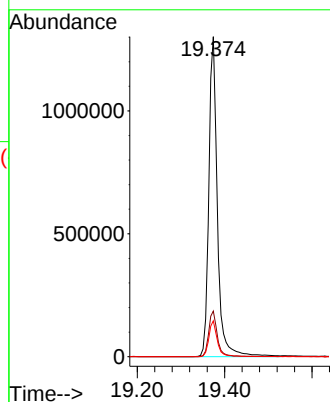
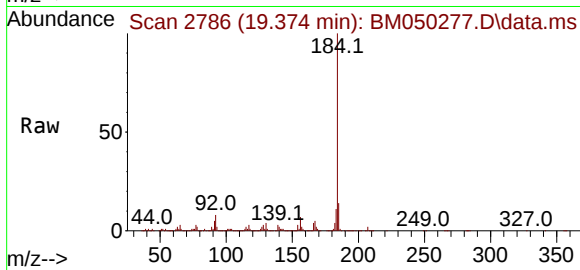
Tgt Ion:184 Resp: 1776744

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.2 9.0 13.4



#78

Pyrene

Concen: 37.687 ng

RT: 19.551 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

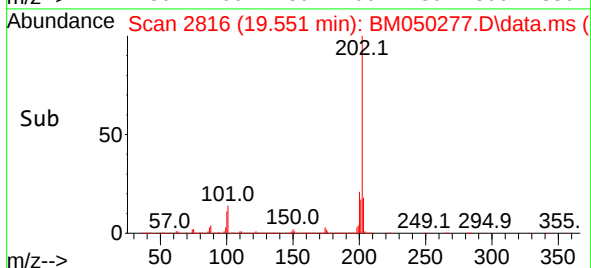
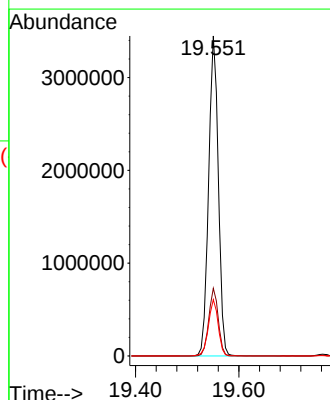
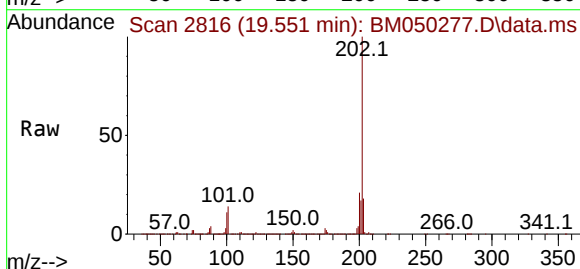
Tgt Ion:202 Resp: 4496680

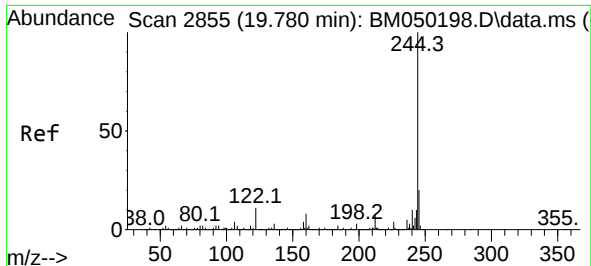
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 17.6 14.1 21.1

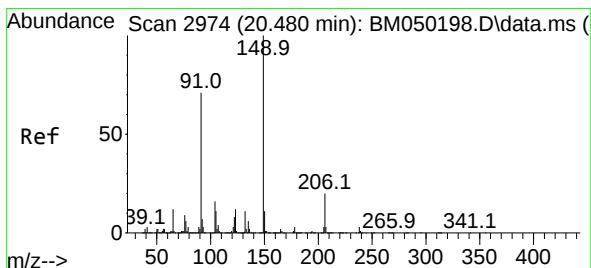
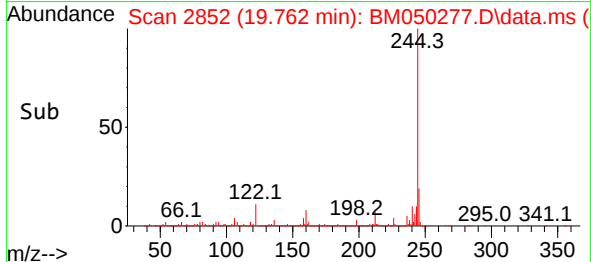
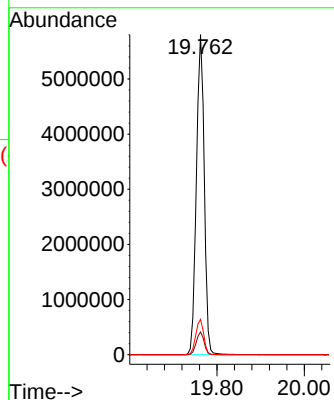
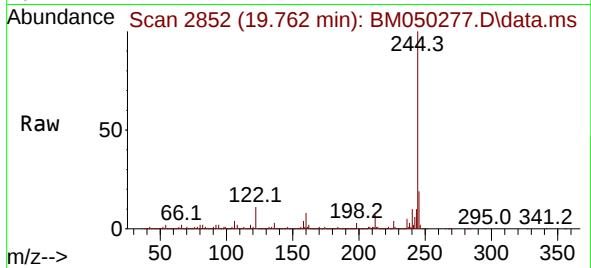




#79
 Terphenyl-d14
 Concen: 77.903 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050277.D
 Acq: 11 Jun 2025 16:25

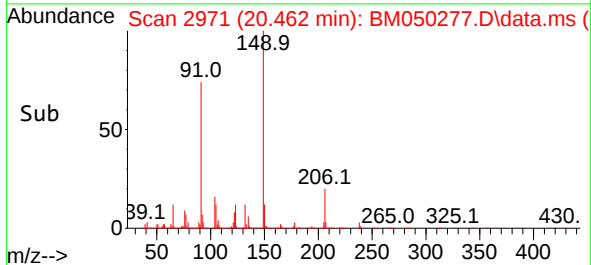
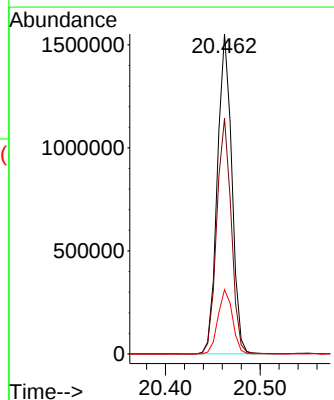
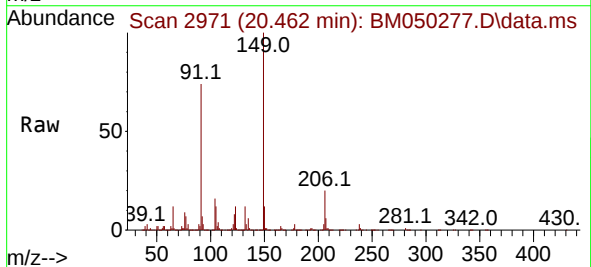
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

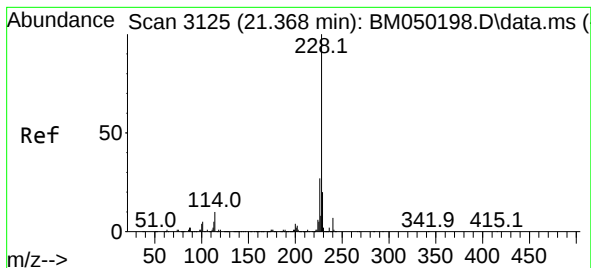
Tgt Ion:244 Resp: 7277390
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.0 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 41.344 ng
 RT: 20.462 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BM050277.D
 Acq: 11 Jun 2025 16:25

Tgt Ion:149 Resp: 1645495
 Ion Ratio Lower Upper
 149 100
 91 73.6 56.9 85.3
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.512 ng

RT: 21.345 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

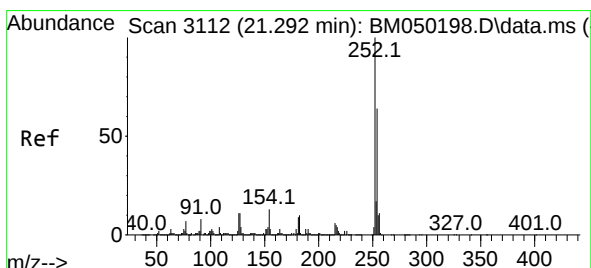
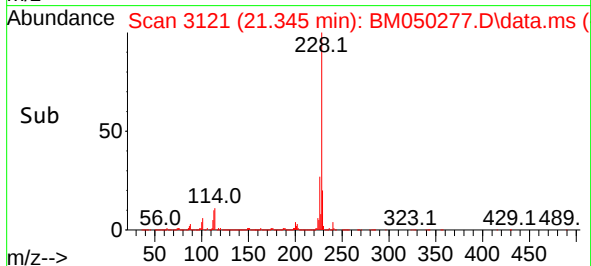
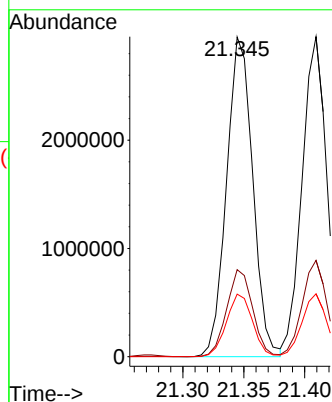
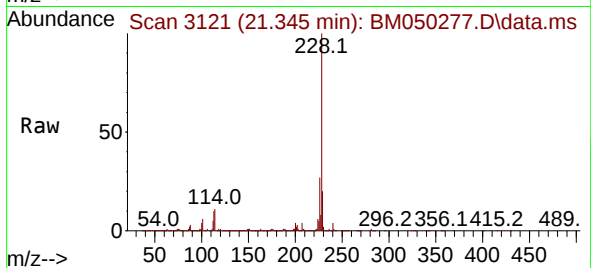
Tgt Ion:228 Resp: 4427365

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 41.440 ng

RT: 21.268 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

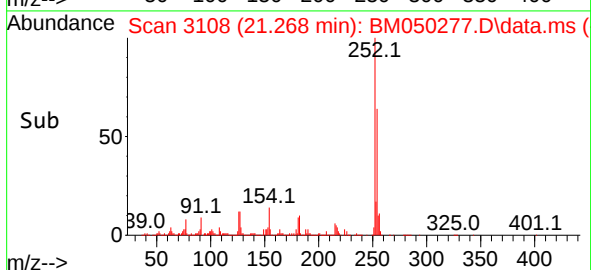
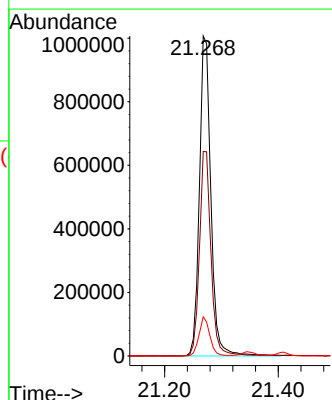
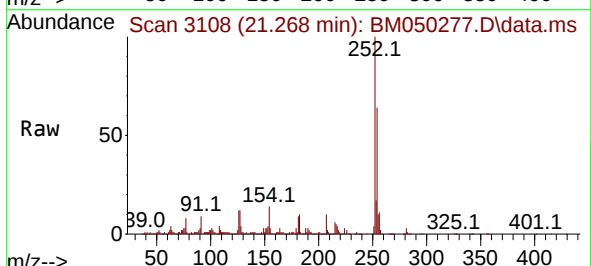
Tgt Ion:252 Resp: 1415990

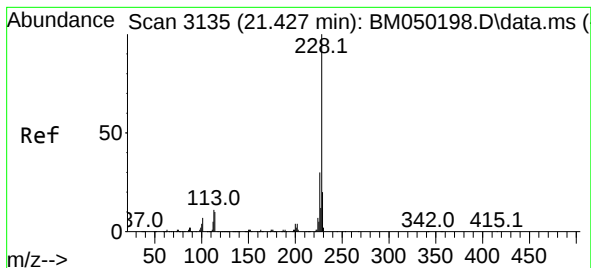
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 12.3 8.6 12.8





#83

Chrysene

Concen: 39.725 ng

RT: 21.409 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

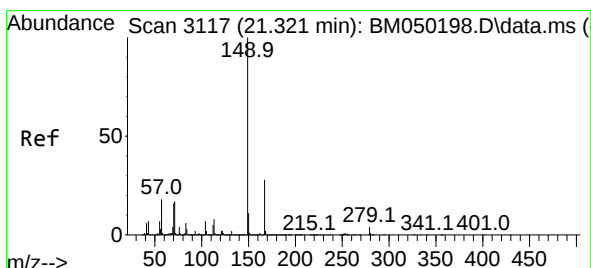
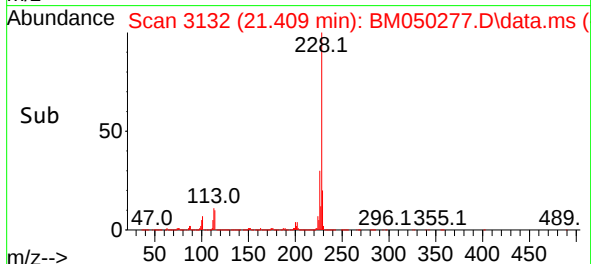
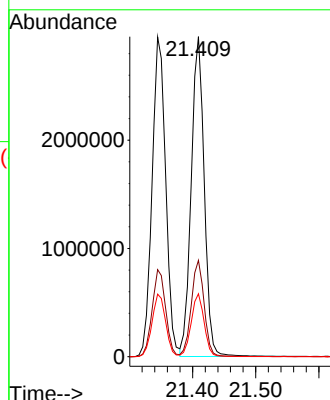
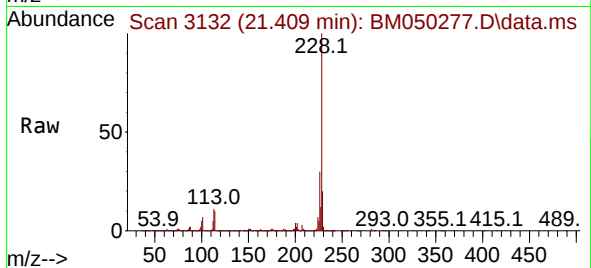
Tgt Ion:228 Resp: 4234037

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: 43.534 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

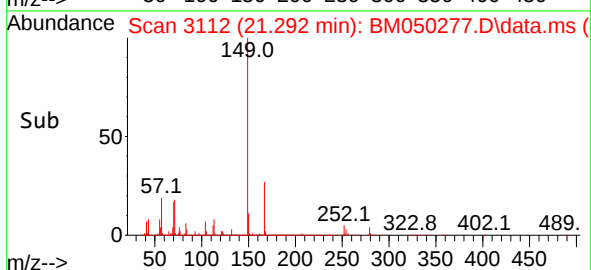
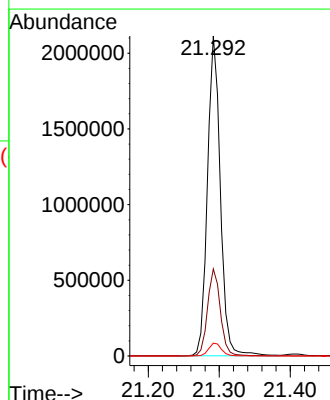
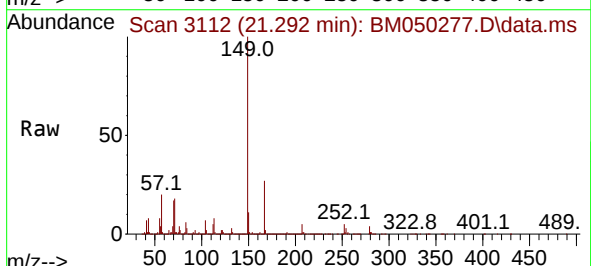
Tgt Ion:149 Resp: 2668857

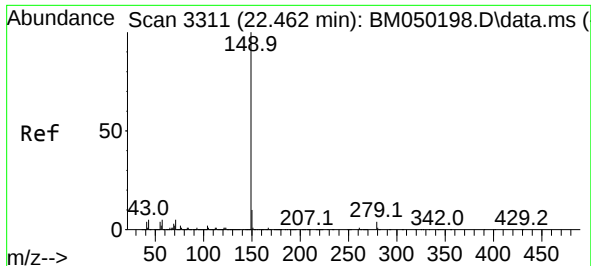
Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

279 4.0 3.5 5.3

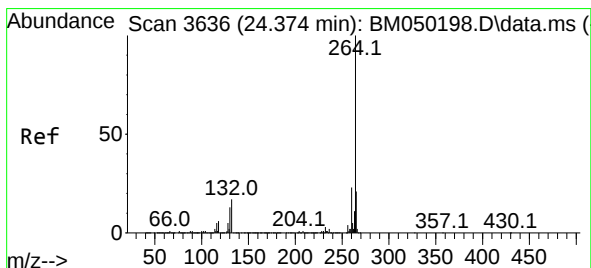
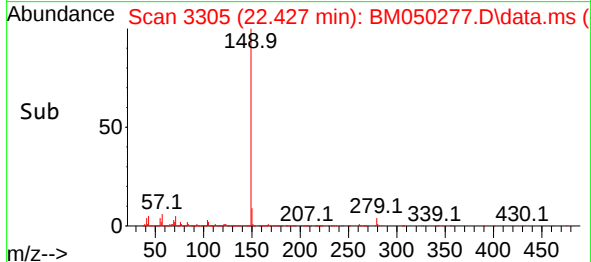
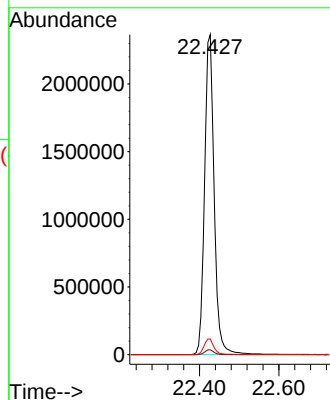
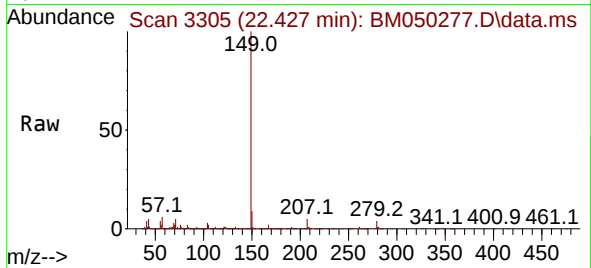




#85
Di-n-octyl phthalate
Concen: 43.583 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

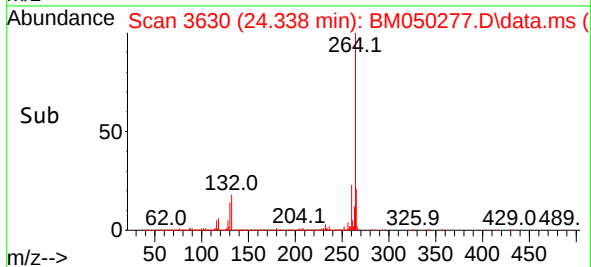
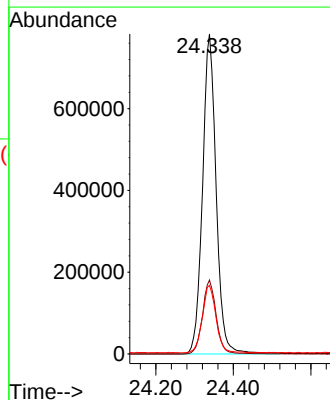
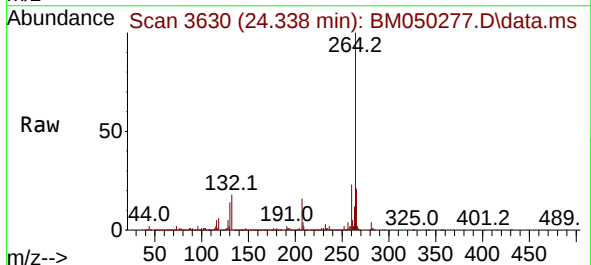
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

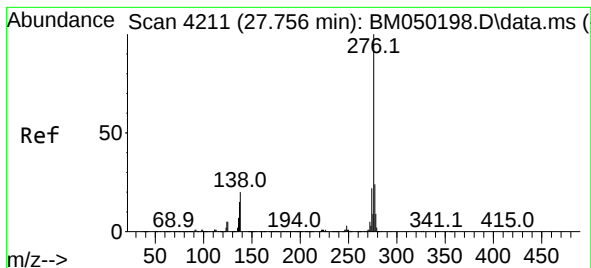
Tgt Ion:149 Resp: 3964778
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 5.2 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:264 Resp: 1907719
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.706 ng

RT: 27.691 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

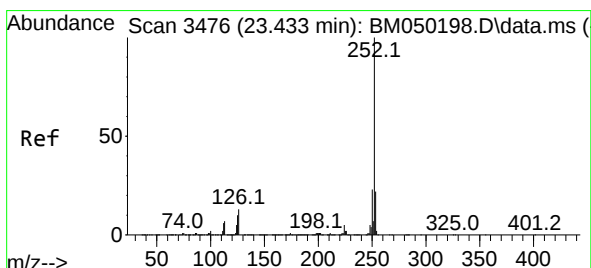
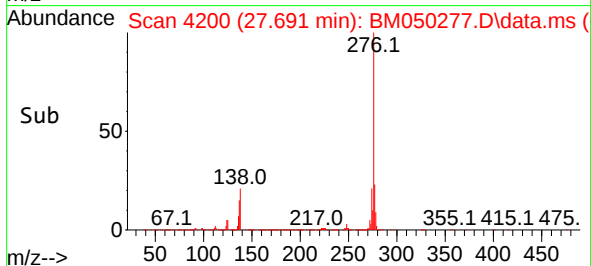
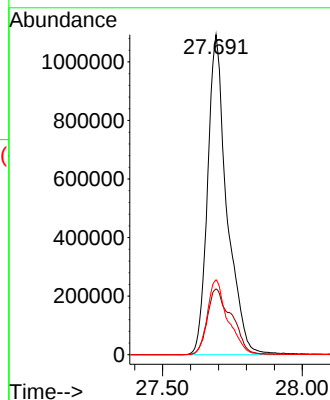
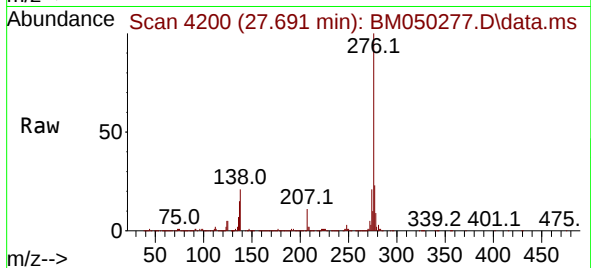
Tgt Ion:276 Resp: 5245671

Ion Ratio Lower Upper

276 100

138 25.8 20.6 30.8

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 39.871 ng

RT: 23.403 min Scan# 3471

Delta R.T. -0.006 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

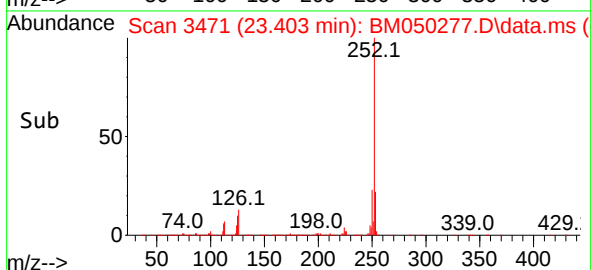
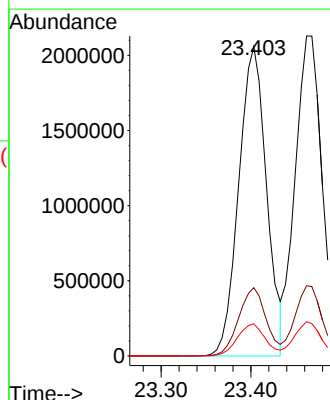
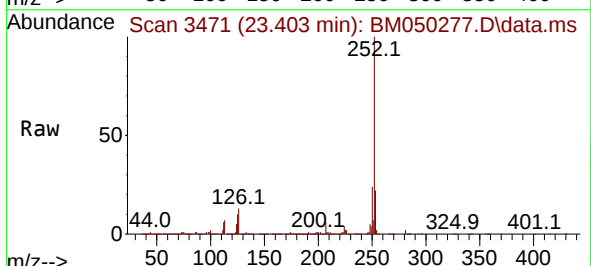
Tgt Ion:252 Resp: 4422288

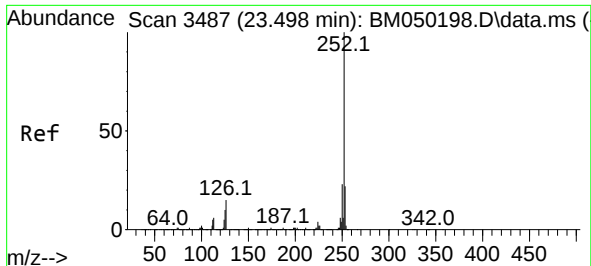
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.4 8.2 12.4

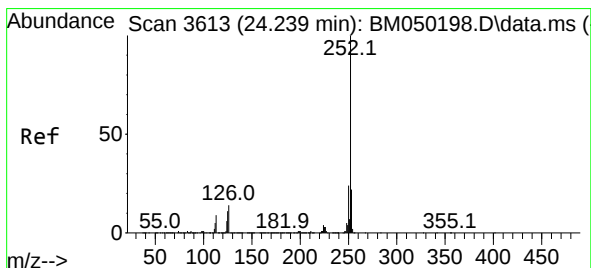
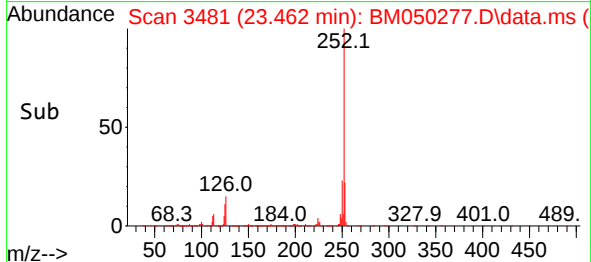
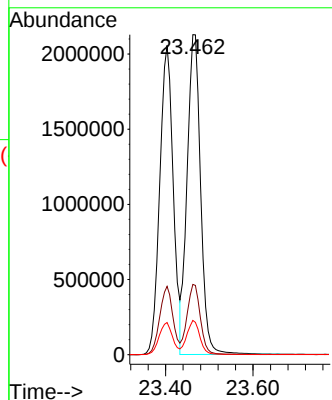
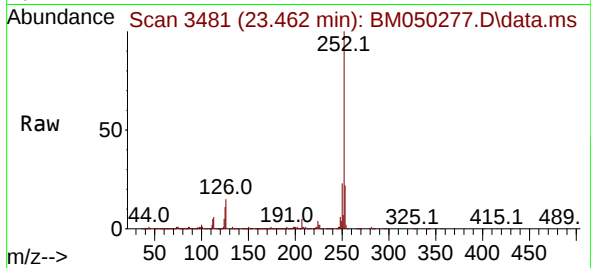




#89
Benzo(k)fluoranthene
Concen: 40.158 ng
RT: 23.462 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

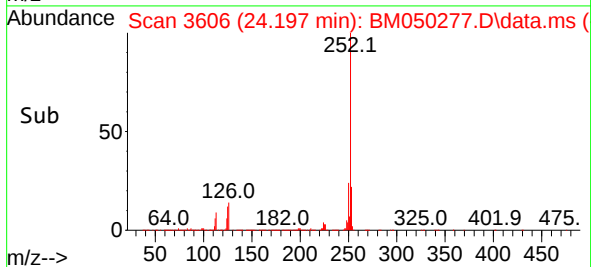
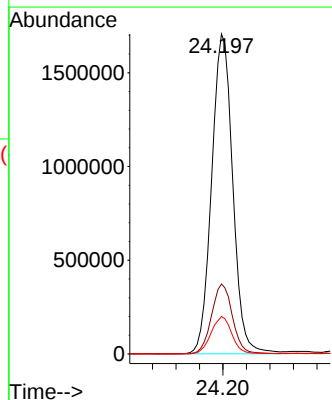
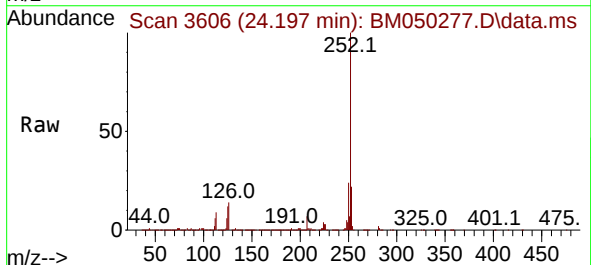
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

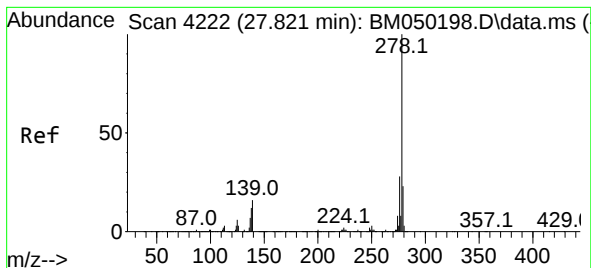
Tgt Ion:252 Resp: 4547081
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.778 ng
RT: 24.197 min Scan# 3606
Delta R.T. -0.012 min
Lab File: BM050277.D
Acq: 11 Jun 2025 16:25

Tgt Ion:252 Resp: 4252452
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.7 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 42.295 ng

RT: 27.750 min Scan# 4377

Delta R.T. -0.018 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

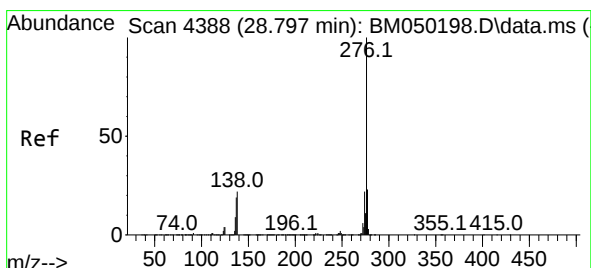
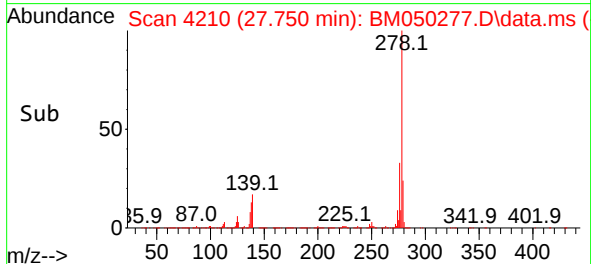
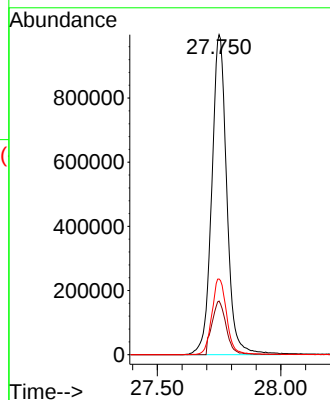
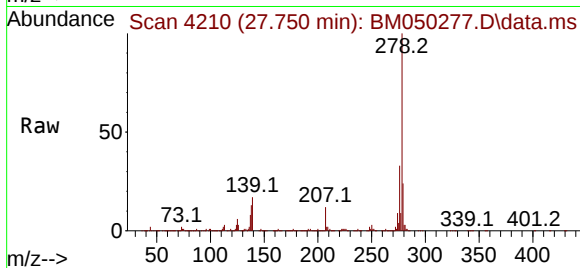
Tgt Ion:278 Resp: 4216995

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

279 23.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.298 ng

RT: 28.732 min Scan# 4377

Delta R.T. -0.018 min

Lab File: BM050277.D

Acq: 11 Jun 2025 16:25

Tgt Ion:276 Resp: 4320764

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 21.8 17.8 26.6

