

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050082.D
 Acq On : 02 May 2025 12:41
 Operator : RC/JU
 Sample : Q1914-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-8

Quant Time: May 02 13:41:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	344484	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	630857	20.000	ng	# 0.00
39) Acenaphthene-d10	14.416	164	706415	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1174129	20.000	ng	# 0.00
76) Chrysene-d12	21.386	240	1218527	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1375318	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2322463	118.055	ng	-0.01
7) Phenol-d6	6.940	99	2505773	101.341	ng	-0.01
23) Nitrobenzene-d5	8.916	82	1771743	138.391	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1032011	98.802	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3262574	54.636	ng	0.00
79) Terphenyl-d14	19.780	244	4567238	55.463	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.904	77	350880	21.205	ng	# 1
18) Hexachloroethane	8.863	117	1247869	135.994	ng	# 1
19) n-Nitroso-di-n-propyla...	8.528	70	297800	18.779	ng	# 63
22) Acetophenone	8.557	105	2736224	174.458	ng	# 57
24) Nitrobenzene	8.945	77	179370	16.204	ng	# 28
25) Isophorone	9.481	82	887765	40.680	ng	# 1
26) 2-Nitrophenol	9.686	139	63615	11.249	ng	# 1
27) 2,4-Dimethylphenol	9.775	122	43864	4.677	ng	# 1
29) 2,4-Dichlorophenol	10.181	162	44752	4.259	ng	# 5
31) Naphthalene	10.604	128	1770044	55.403	ng	# 86
35) Caprolactam	11.492	113	144624	47.209	ng	# 1
36) 4-Chloro-3-methylphenol	11.851	107	34136	3.517	ng	# 35
37) 2-Methylnaphthalene	12.233	142	3451439	161.134	ng	99
38) 1-Methylnaphthalene	12.233	142	3444327	151.947	ng	97
46) 1,1'-Biphenyl	13.239	154	711656	13.552	ng	98
48) 2-Nitroaniline	13.510	65	20922	2.143	ng	# 17
49) Acenaphthylene	14.139	152	193297	2.948	ng	# 1
52) Acenaphthene	14.480	154	202098	5.325	ng	# 82
54) 2,4-Dinitrophenol	14.527	184	4429	6.344	ng	# 1
55) Dibenzofuran	14.816	168	261607	4.143	ng	# 1
56) 4-Nitrophenol	14.710	139	27653	7.676	ng	# 1
58) Fluorene	15.463	166	522291	10.104	ng	# 80
60) Diethylphthalate	15.221	149	516523	10.618	ng	# 71
63) Azobenzene	15.768	77	178774	4.385	ng	# 1
66) n-Nitrosodiphenylamine	15.680	169	740348	20.534	ng	# 55
69) Atrazine	16.662	200	184674	14.200	ng	77
71) Phenanthrene	17.204	178	2636316	39.810	ng	97
72) Anthracene	17.204	178	2636316	39.338	ng	96
73) Carbazole	17.562	167	143146	2.462	ng	# 5
74) Di-n-butylphthalate	18.115	149	459124	6.630	ng	# 88
75) Fluoranthene	19.221	202	4425756	56.924	ng	98
78) Pyrene	19.580	202	4298119	50.230	ng	99
81) Benzo(a)anthracene	21.368	228	2173300	25.900	ng	98
83) Chrysene	21.433	228	1857590	23.919	ng	98
84) Bis(2-ethylhexyl)phtha...	21.286	149	1283549	26.813	ng	98
87) Indeno(1,2,3-cd)pyrene	27.750	276	1189908	11.611	ng	96

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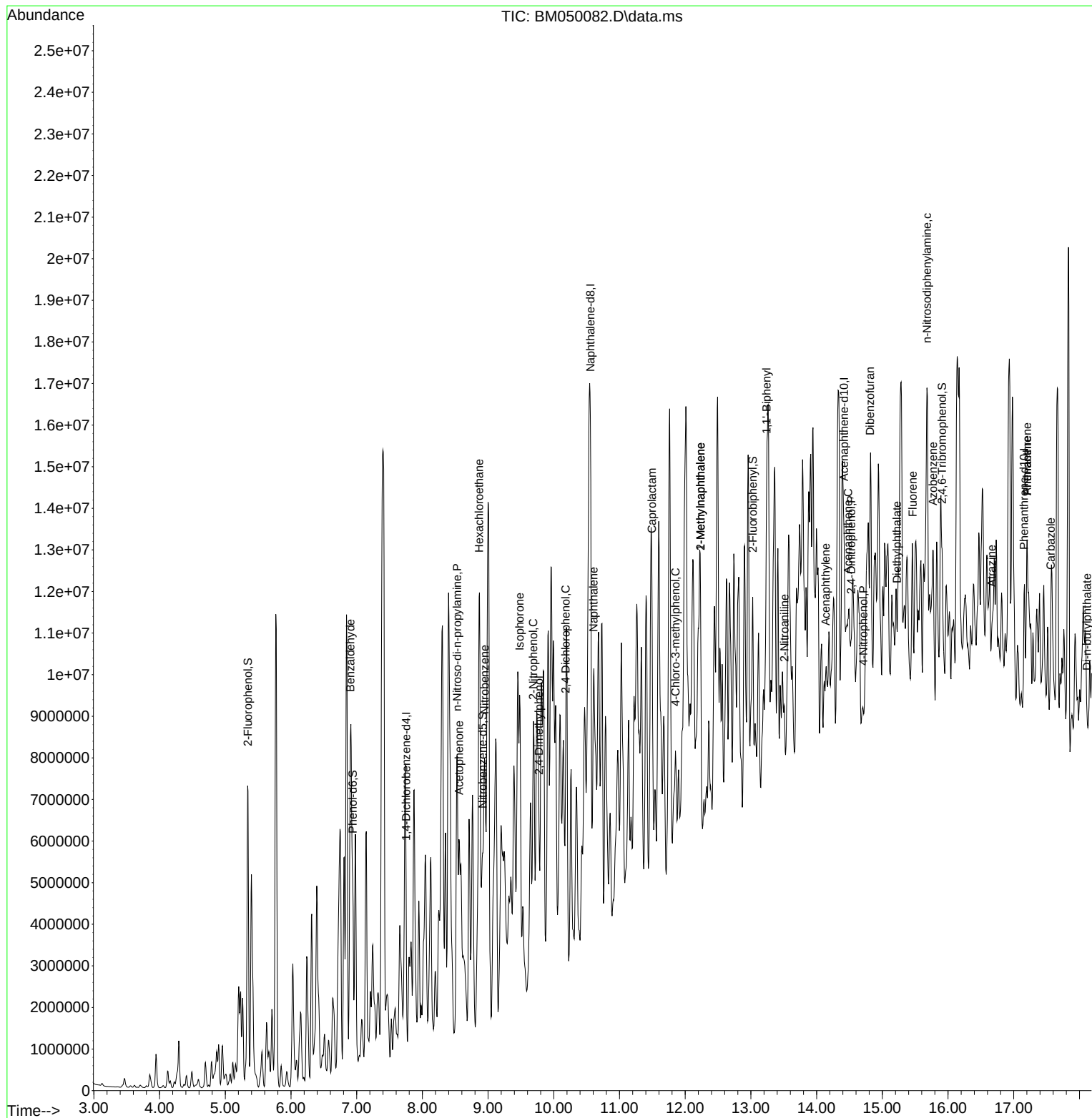
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.433	252	2437742	27.255	ng	99
89) Benzo(k)fluoranthene	23.433	252	2437742	26.945	ng	98
90) Benzo(a)pyrene	24.233	252	1789914	21.367	ng	98
91) Dibenzo(a,h)anthracene	27.785	278	316870	3.793	ng	95
92) Benzo(g,h,i)perylene	28.803	276	1082442	13.535	ng	99

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

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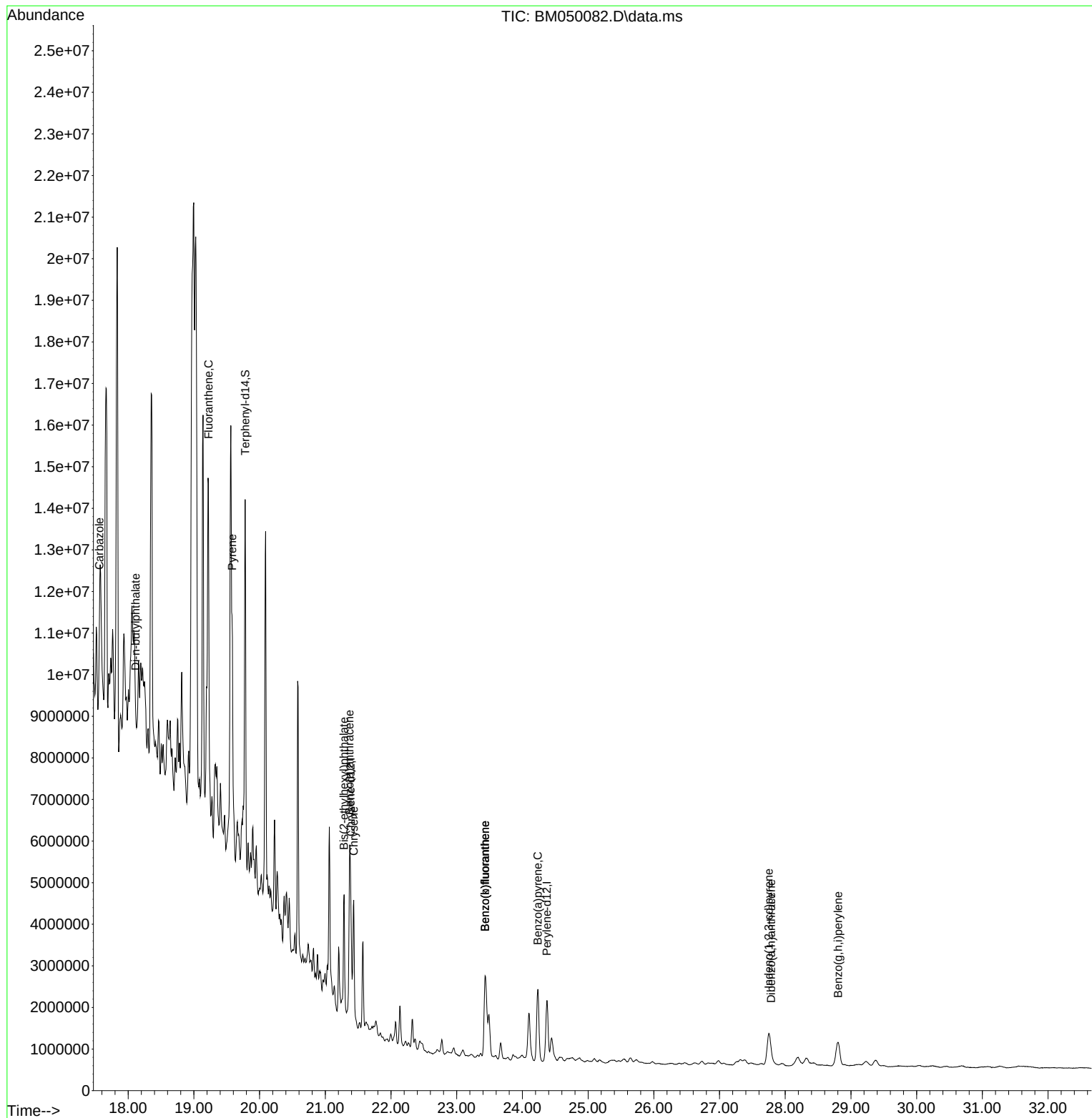
Quant Time: May 02 13:41:22 2025
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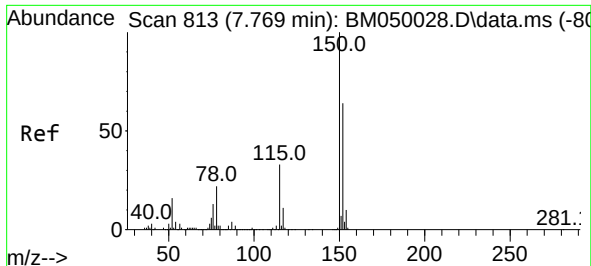


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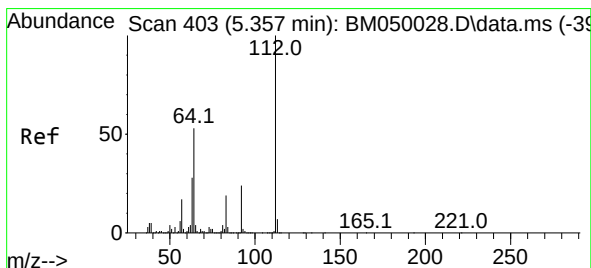
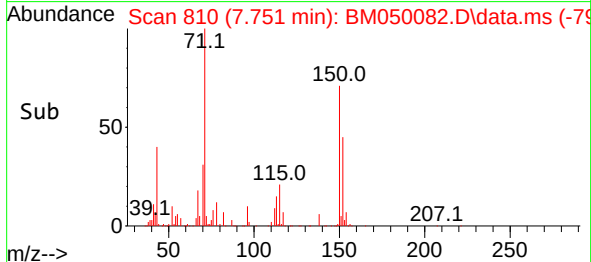
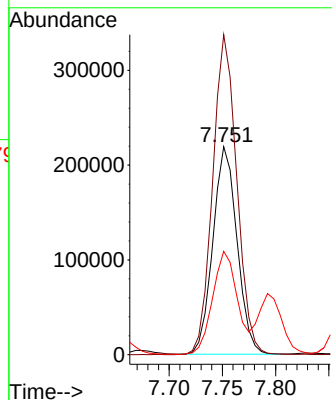
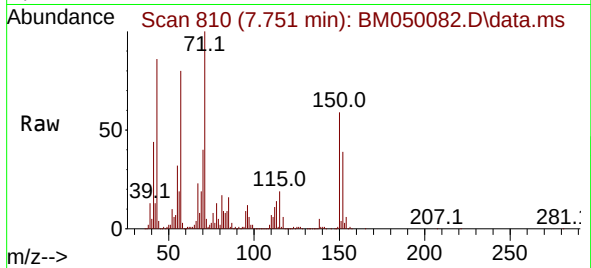




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 813
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

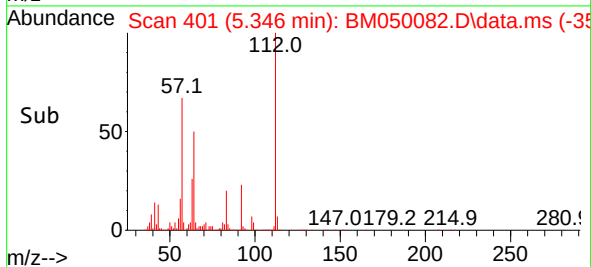
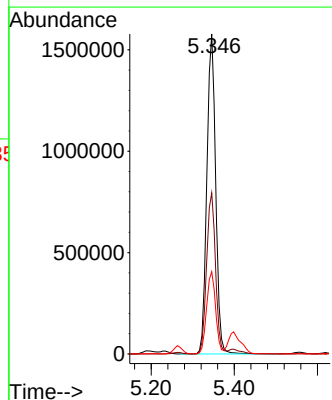
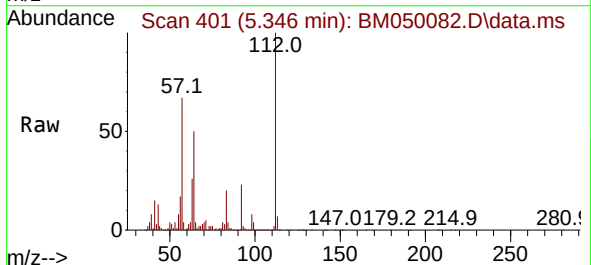
Instrument :
BNA_M
ClientSampleId :
SS-8

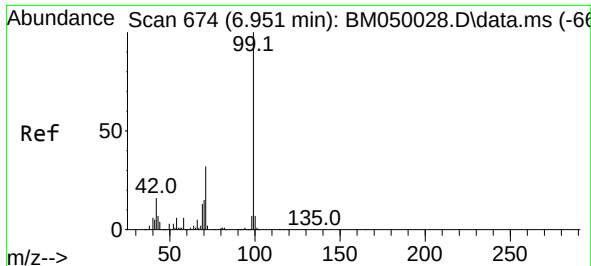
Tgt Ion:152 Resp: 344484
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 49.7 41.2 61.8



#5
2-Fluorophenol
Concen: 118.055 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:112 Resp: 2322463
Ion Ratio Lower Upper
112 100
64 50.4 42.6 64.0
63 25.7 22.2 33.4



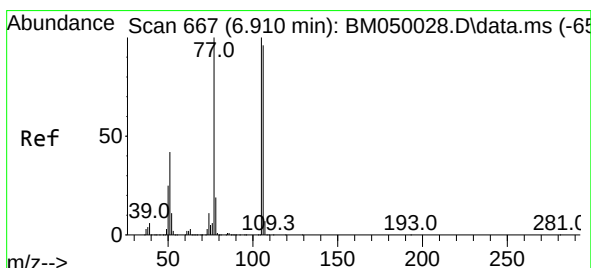
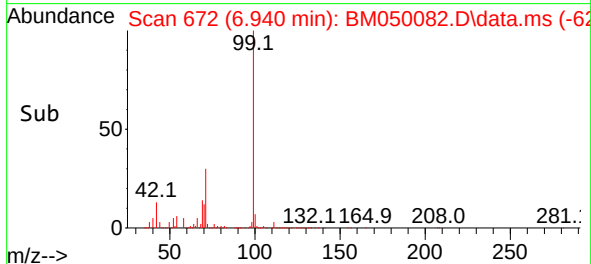
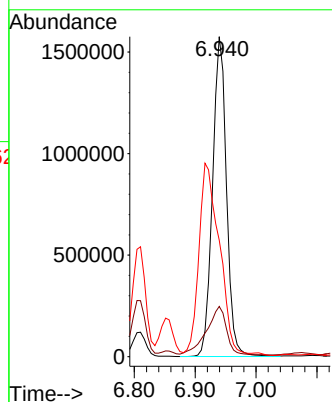
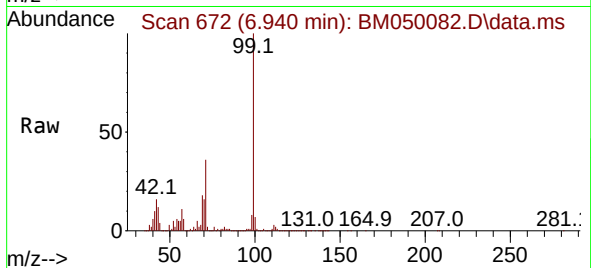


#7
Phenol-d6
Concen: 101.341 ng
RT: 6.940 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Instrument :
BNA_M
ClientSampleId :
SS-8

Tgt Ion: 99 Resp: 2505773

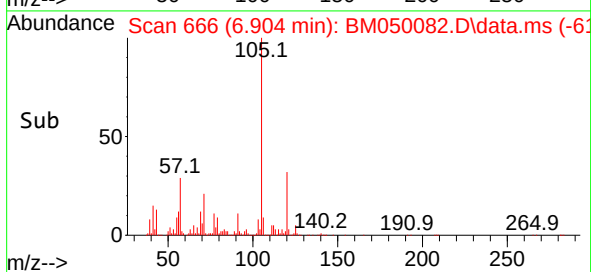
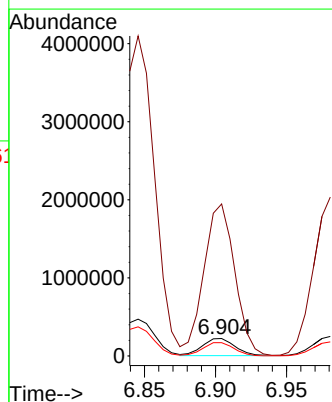
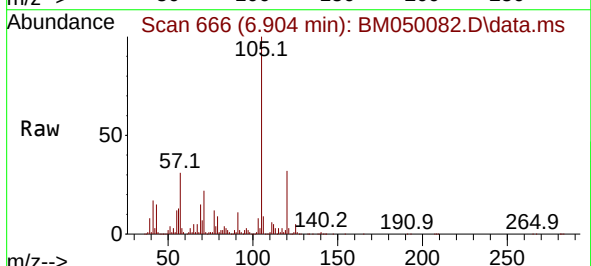
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	36.4	25.6	38.4

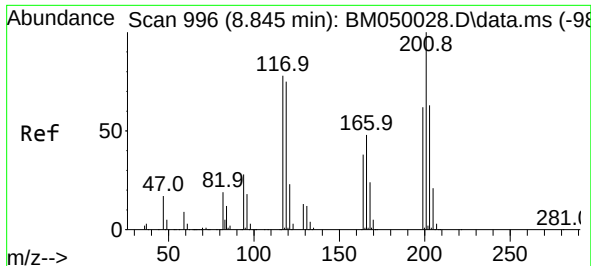


#9
Benzaldehyde
Concen: 21.205 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 77 Resp: 350880

Ion	Ratio	Lower	Upper
77	100		
105	868.8	80.5	120.5#
106	76.1	76.1	116.1

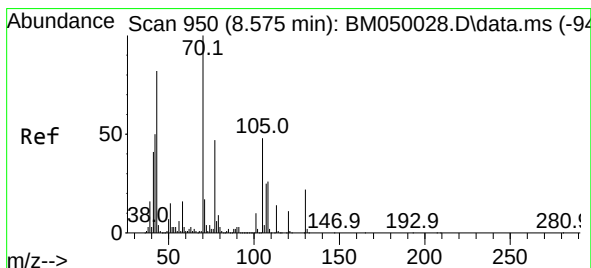
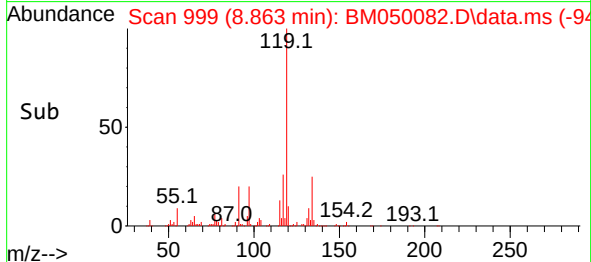
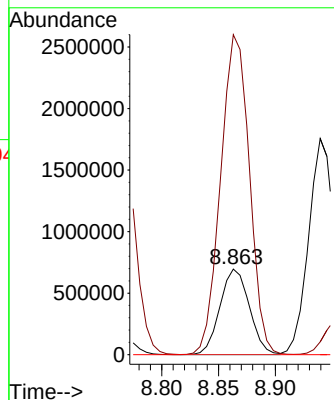
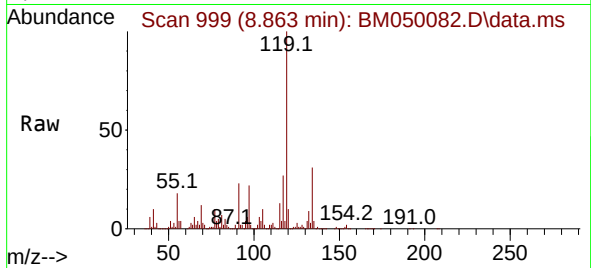




#18
Hexachloroethane
Concen: 135.994 ng
RT: 8.863 min Scan# 996
Delta R.T. 0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

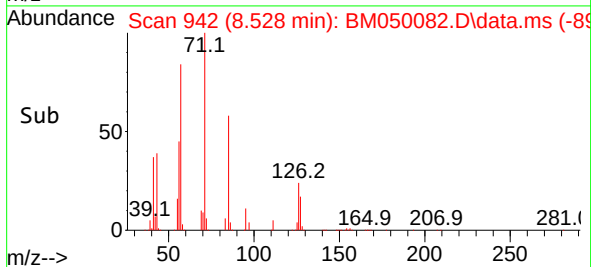
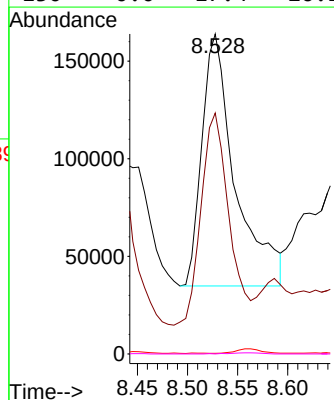
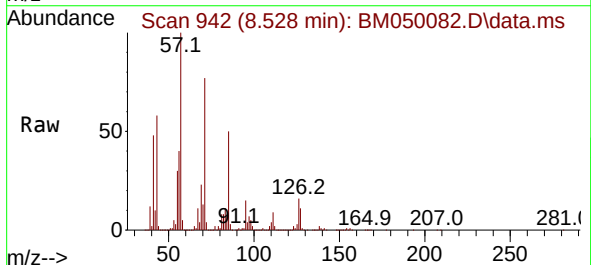
Instrument :
BNA_M
ClientSampleId :
SS-8

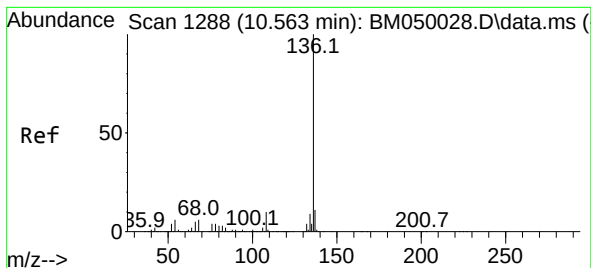
Tgt Ion:117 Resp: 1247869
Ion Ratio Lower Upper
117 100
119 373.7 77.3 115.9#
201 0.0 102.8 154.2#



#19
n-Nitroso-di-n-propylamine
Concen: 18.779 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.047 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 70 Resp: 297800
Ion Ratio Lower Upper
70 100
42 75.3 40.5 60.7#
101 0.2 7.8 11.6#
130 0.0 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

Tgt Ion:136 Resp: 630857

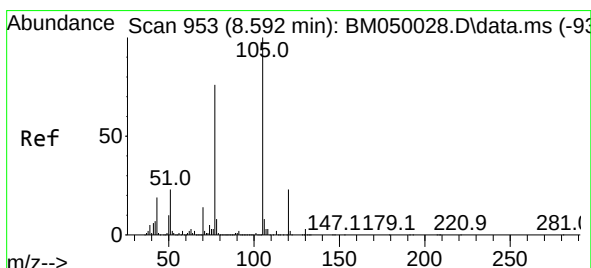
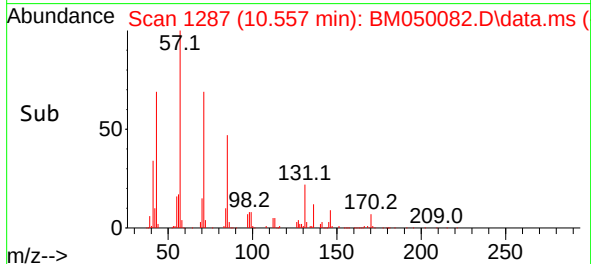
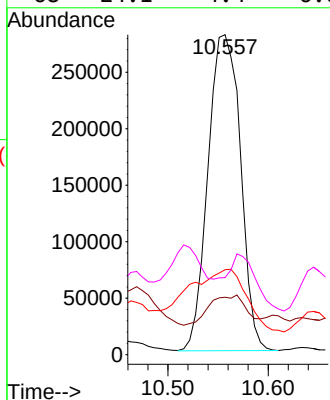
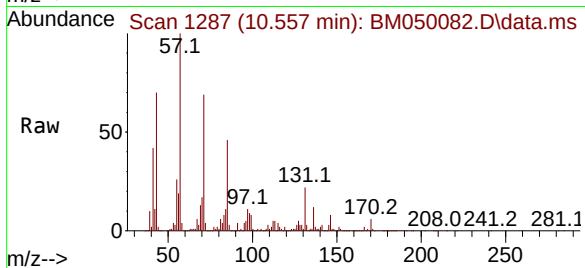
Ion Ratio Lower Upper

136 100

137 18.0 8.9 13.3#

54 26.6 5.1 7.7#

68 24.1 4.4 6.6#



#22

Acetophenone

Concen: 174.458 ng

RT: 8.557 min Scan# 947

Delta R.T. -0.035 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Tgt Ion:105 Resp: 2736224

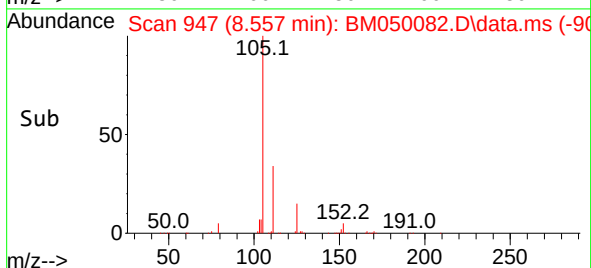
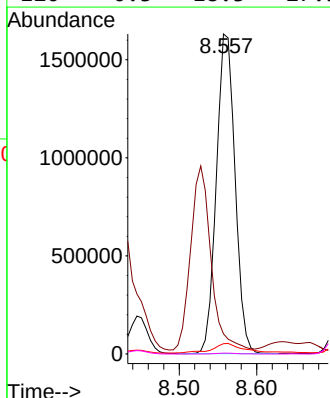
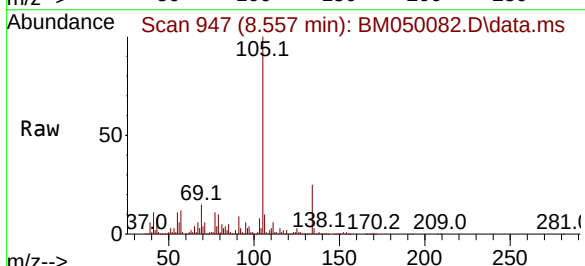
Ion Ratio Lower Upper

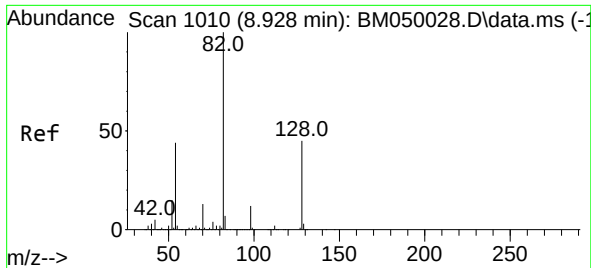
105 100

71 6.3 1.7 2.5#

51 3.2 18.6 27.8#

120 0.3 18.3 27.5#

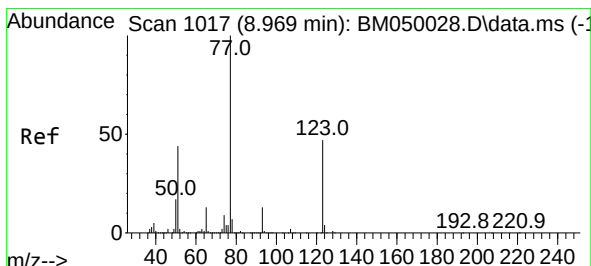
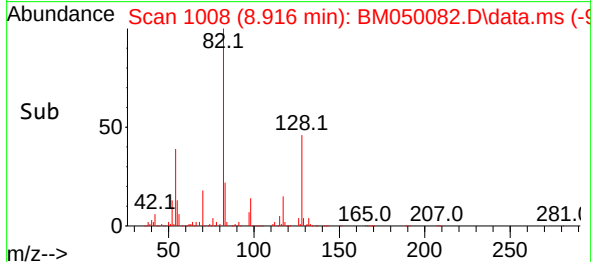
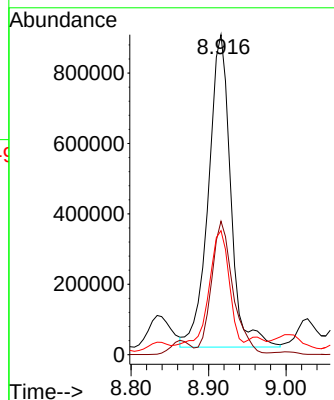
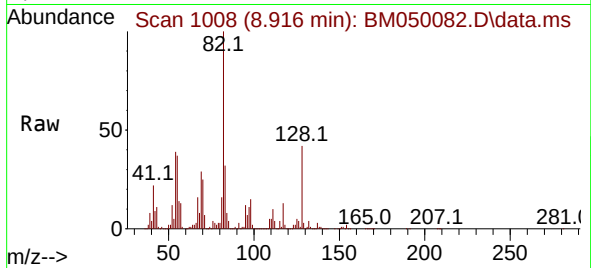




#23
Nitrobenzene-d5
Concen: 138.391 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BM050082.D
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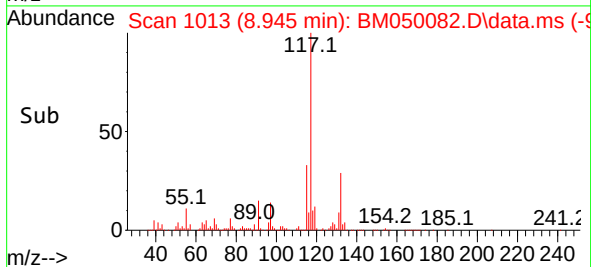
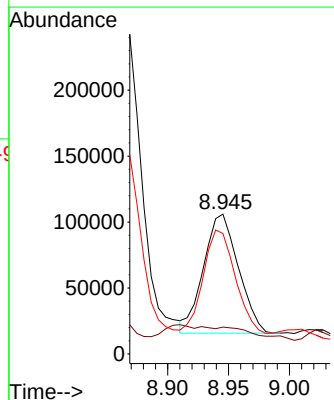
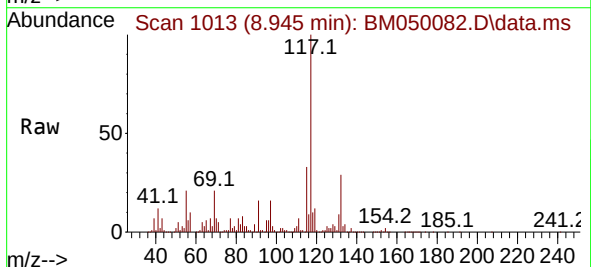
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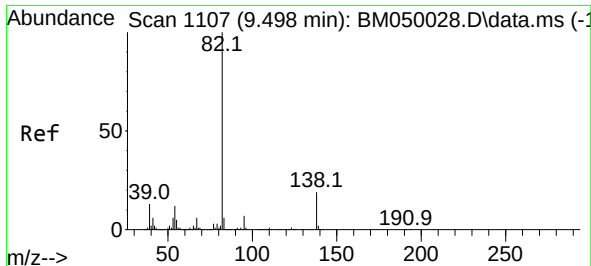
Tgt Ion: 82 Resp: 1771743
Ion Ratio Lower Upper
82 100
128 41.7 35.7 53.5
54 38.7 35.4 53.2



#24
Nitrobenzene
Concen: 16.204 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 77 Resp: 179370
Ion Ratio Lower Upper
77 100
123 19.3 37.9 56.9#
65 86.2 10.1 15.1#

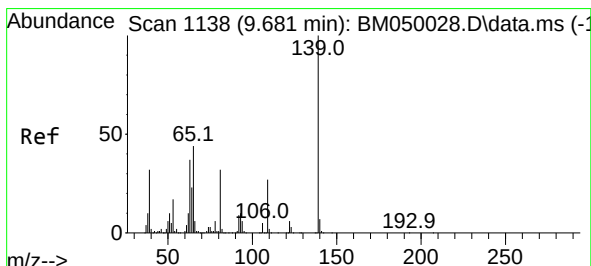
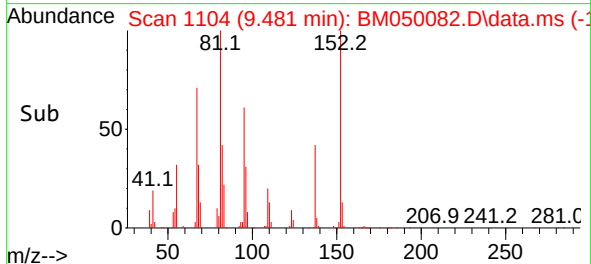
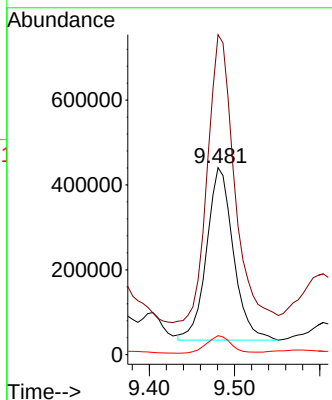
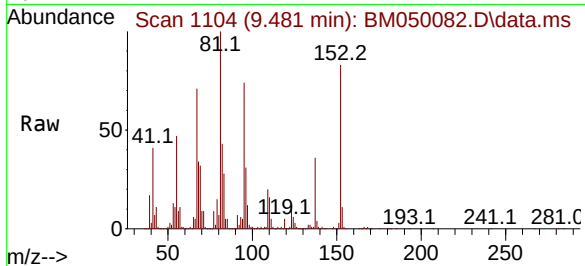




#25
Isophorone
Concen: 40.680 ng
RT: 9.481 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

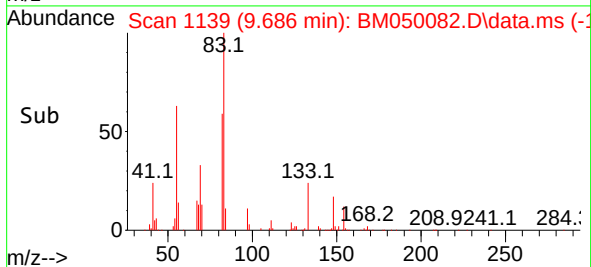
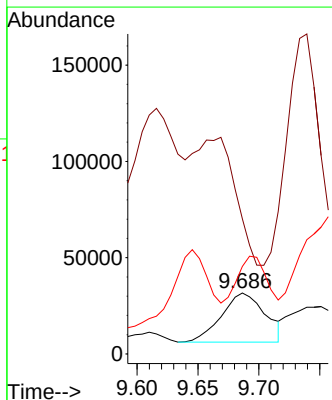
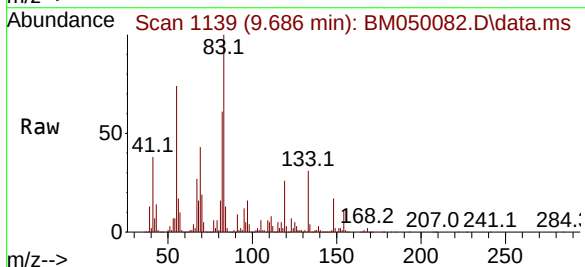
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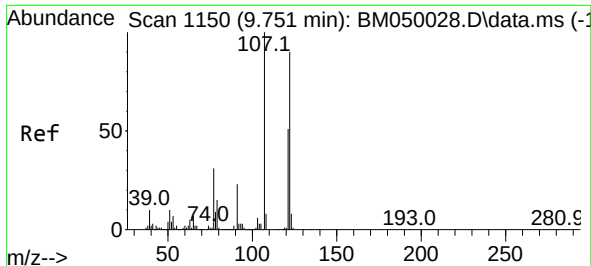
Tgt Ion: 82 Resp: 887765
Ion Ratio Lower Upper
82 100
95 171.1 5.7 8.5#
138 10.2 15.5 23.3#



#26
2-Nitrophenol
Concen: 11.249 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:139 Resp: 63615
Ion Ratio Lower Upper
139 100
109 221.6 21.9 32.9#
65 143.5 35.4 53.2#





#27

2,4-Dimethylphenol

Concen: 4.677 ng

RT: 9.775 min Scan# 1150

Delta R.T. 0.024 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

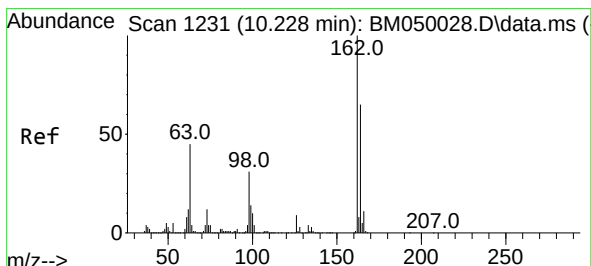
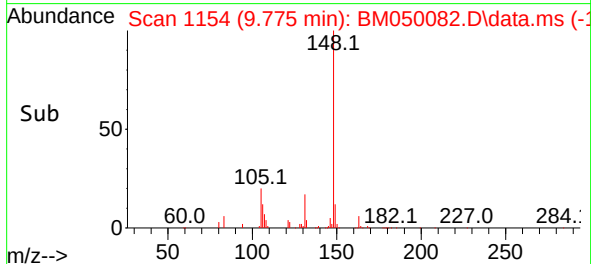
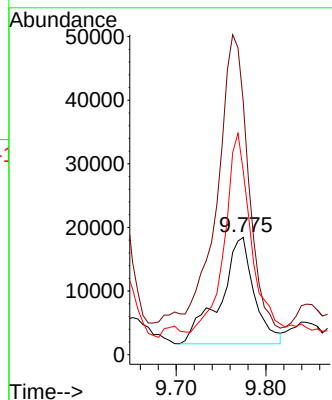
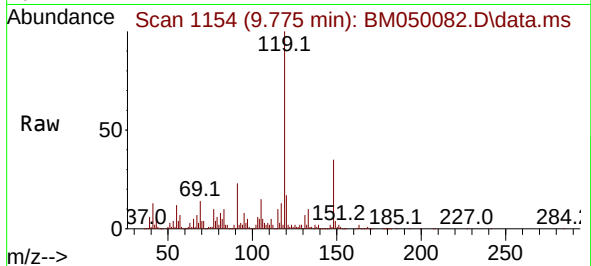
Tgt Ion:122 Resp: 43864

Ion Ratio Lower Upper

122 100

107 215.5 89.0 133.6#

121 156.5 45.6 68.4#



#29

2,4-Dichlorophenol

Concen: 4.259 ng

RT: 10.181 min Scan# 1223

Delta R.T. -0.047 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

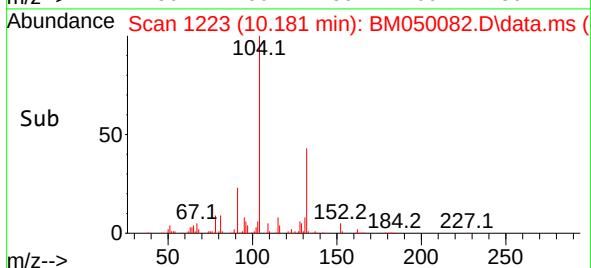
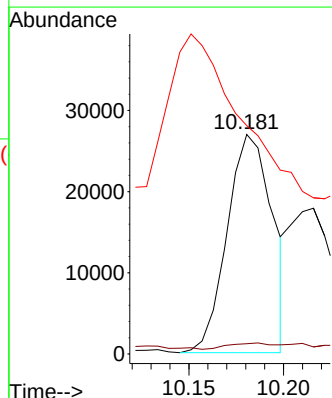
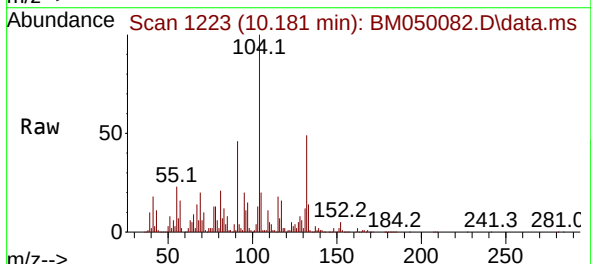
Tgt Ion:162 Resp: 44752

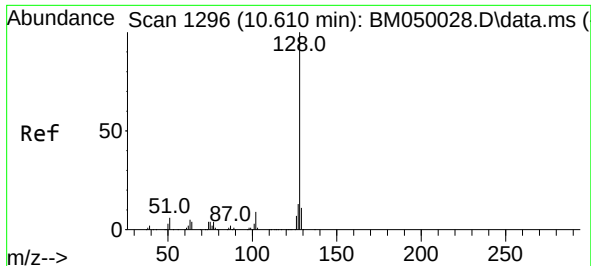
Ion Ratio Lower Upper

162 100

164 4.6 45.4 85.4#

98 104.0 11.3 51.3#

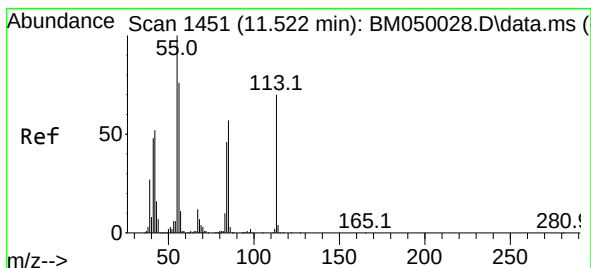
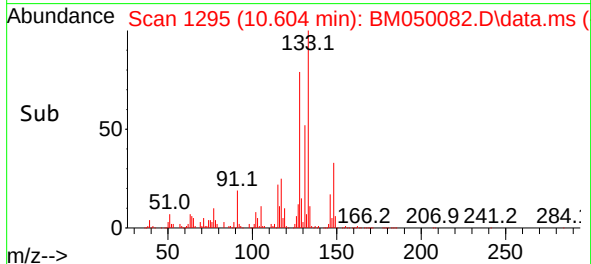
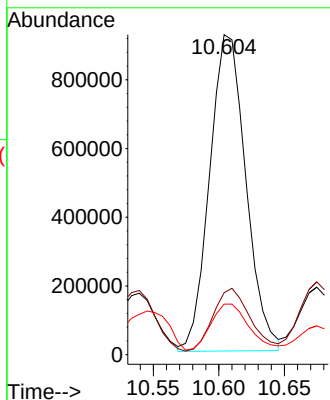
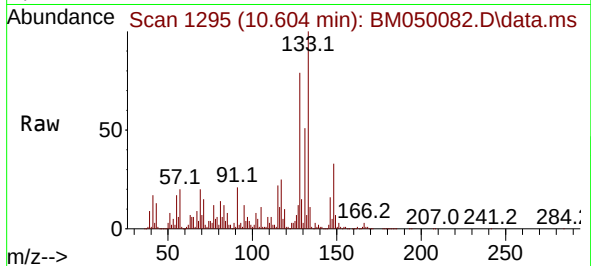




#31
Naphthalene
Concen: 55.403 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

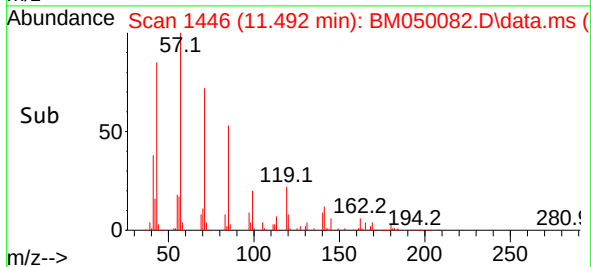
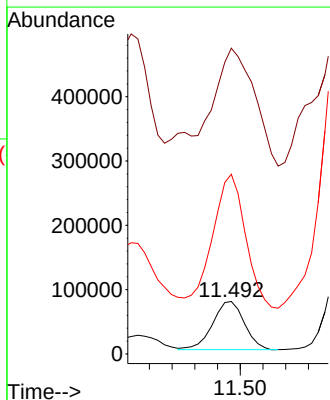
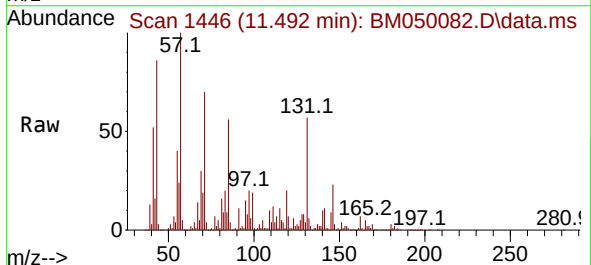
Instrument :
BNA_M
ClientSampleId :
SS-8

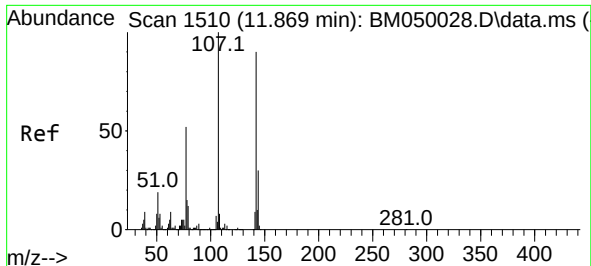
Tgt Ion:128 Resp: 1770044
Ion Ratio Lower Upper
128 100
129 19.3 8.8 13.2#
127 15.8 10.4 15.6#



#35
Caprolactam
Concen: 47.209 ng
RT: 11.492 min Scan# 1446
Delta R.T. -0.029 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:113 Resp: 144624
Ion Ratio Lower Upper
113 100
55 582.2 122.9 162.9#
56 342.0 88.1 128.1#

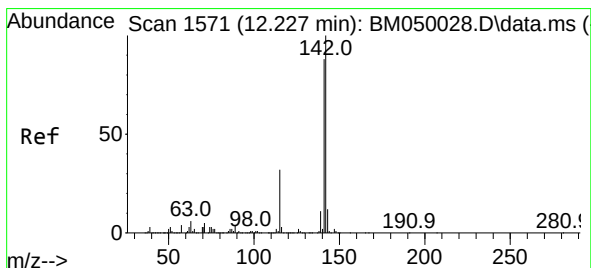
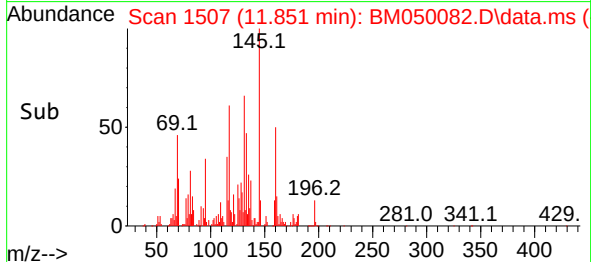
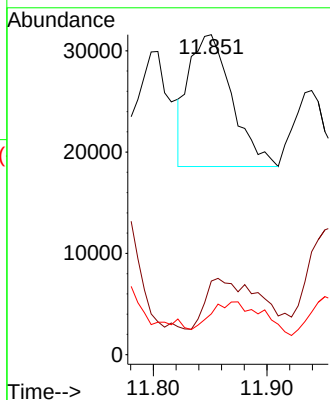
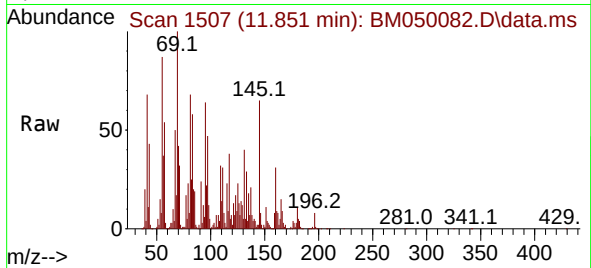




#36
4-Chloro-3-methylphenol
Concen: 3.517 ng
RT: 11.851 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

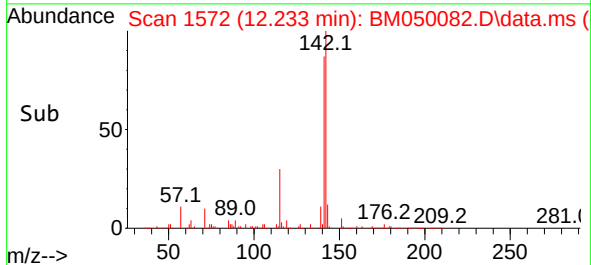
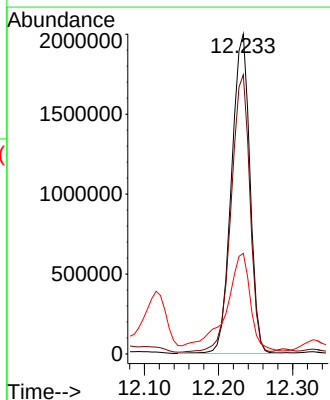
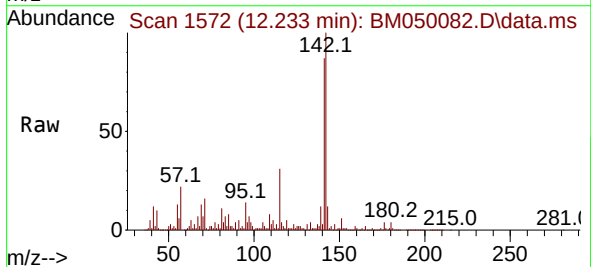
Instrument :
BNA_M
ClientSampleId :
SS-8

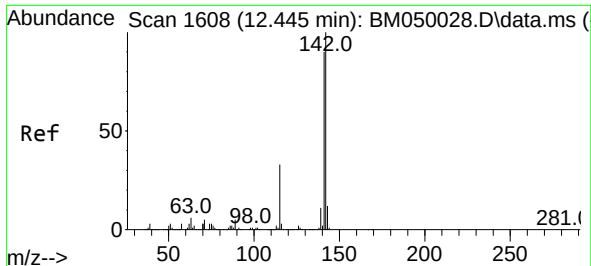
Tgt Ion:107 Resp: 34136
Ion Ratio Lower Upper
107 100
144 23.0 23.8 35.6#
142 12.7 71.9 107.9#



#37
2-Methylnaphthalene
Concen: 161.134 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:142 Resp: 3451439
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6
115 31.4 25.4 38.2

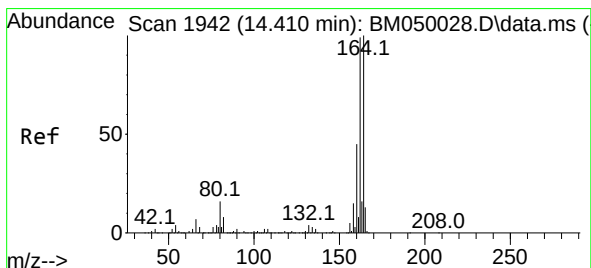
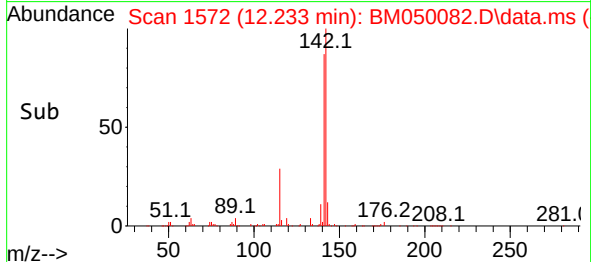
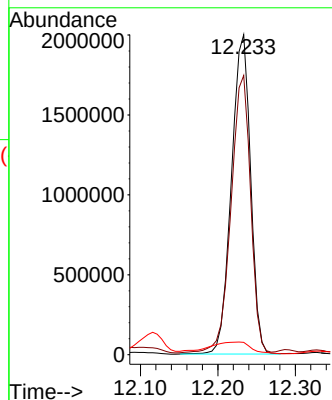
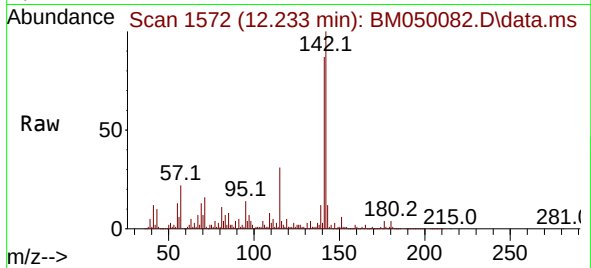




#38
1-Methylnaphthalene
Concen: 151.947 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.212 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

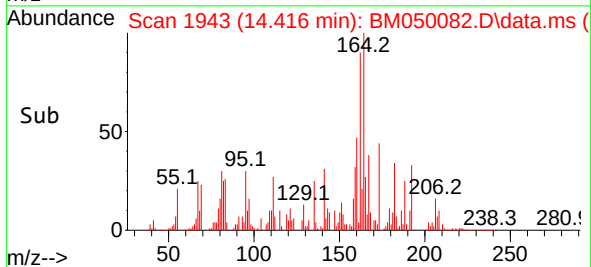
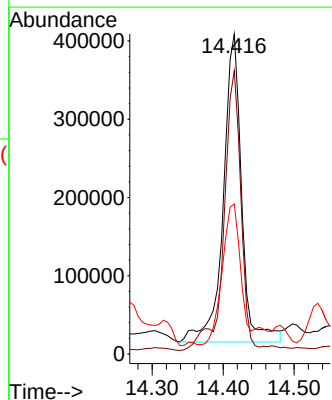
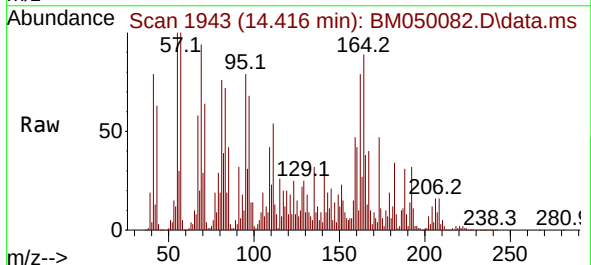
Instrument :
BNA_M
ClientSampleId :
SS-8

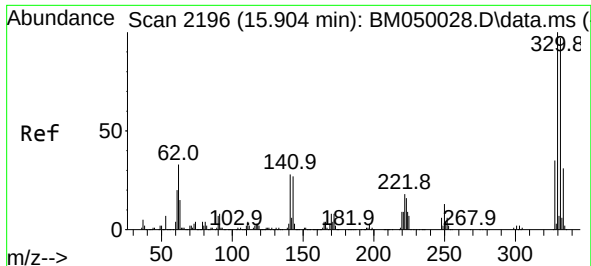
Tgt Ion:142 Resp: 3444327
Ion Ratio Lower Upper
142 100
141 87.3 72.1 108.1
116 3.8 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:164 Resp: 706415
Ion Ratio Lower Upper
164 100
162 88.6 79.4 119.0
160 46.9 36.2 54.4

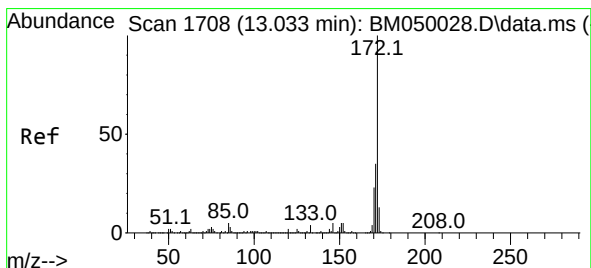
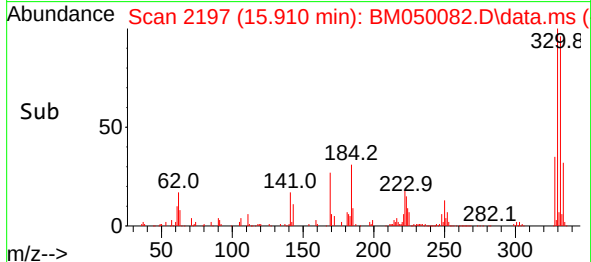
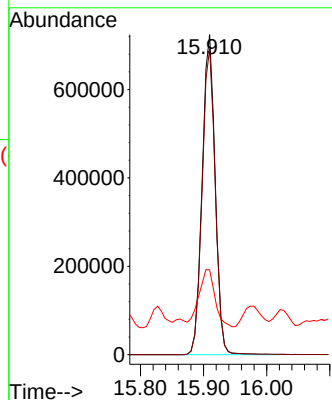
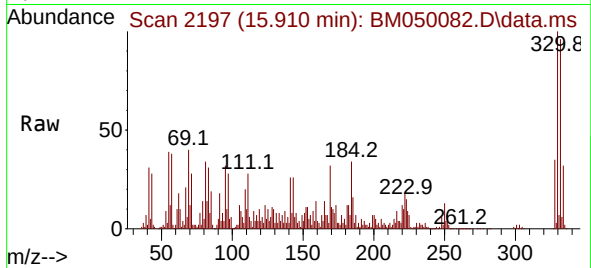




#42
2,4,6-Tribromophenol
Concen: 98.802 ng
RT: 15.910 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

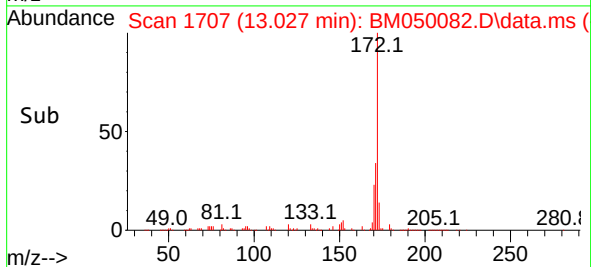
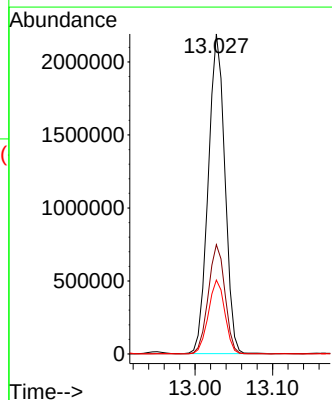
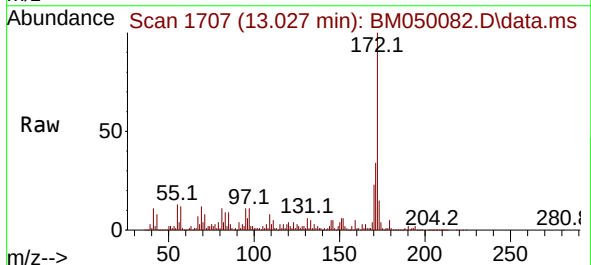
Instrument :
BNA_M
ClientSampleId :
SS-8

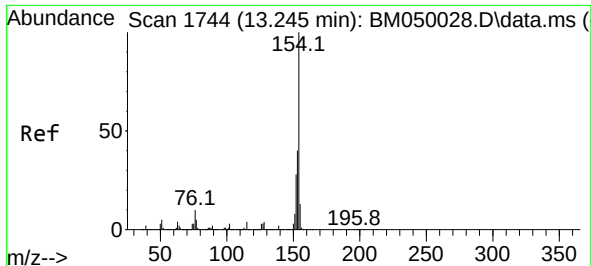
Tgt Ion:330 Resp: 1032011
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 21.9 22.5 33.7#



#45
2-Fluorobiphenyl
Concen: 54.636 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:172 Resp: 3262574
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 23.1 18.6 28.0

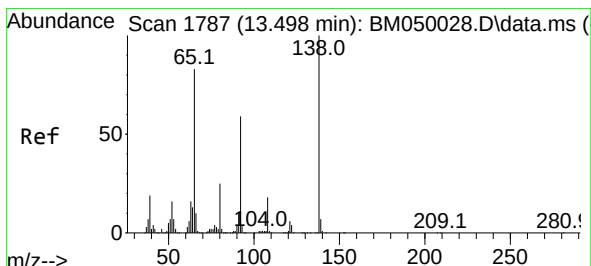
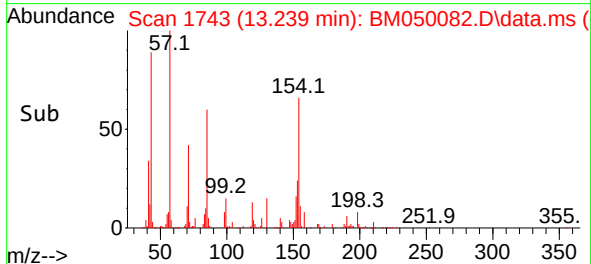
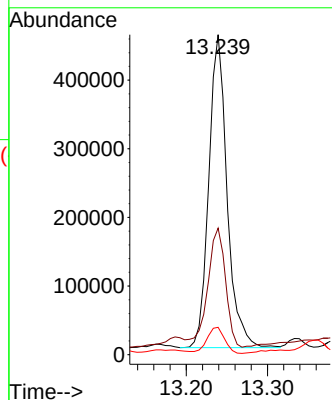
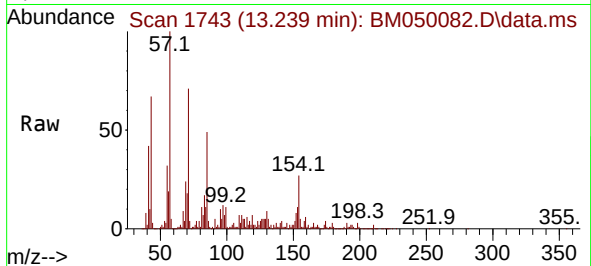




#46
1,1'-Biphenyl
Concen: 13.552 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

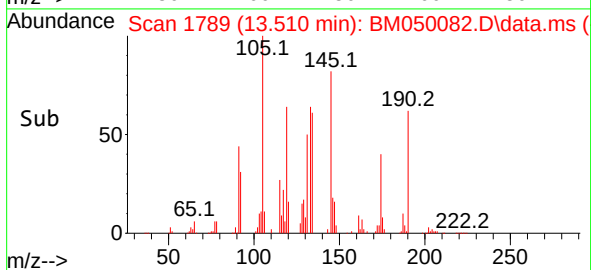
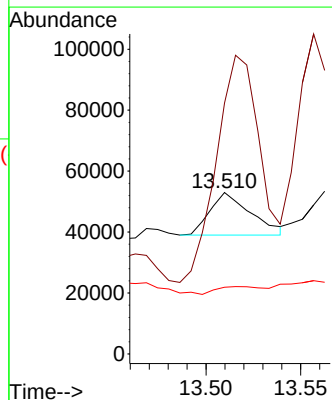
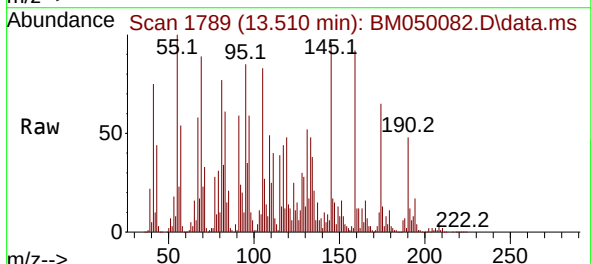
Instrument :
BNA_M
ClientSampleId :
SS-8

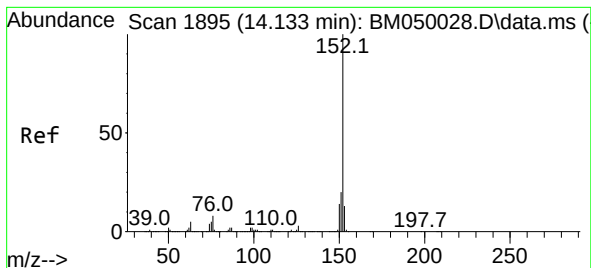
Tgt Ion:154 Resp: 711656
Ion Ratio Lower Upper
154 100
153 39.5 20.0 60.0
76 8.6 0.0 30.3



#48
2-Nitroaniline
Concen: 2.143 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 65 Resp: 20922
Ion Ratio Lower Upper
65 100
92 155.4 57.1 85.7#
138 41.3 97.0 145.4#





#49

Acenaphthylene

Concen: 2.948 ng

RT: 14.139 min Scan# 1895

Delta R.T. 0.006 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

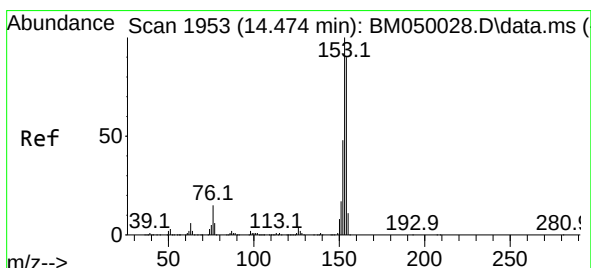
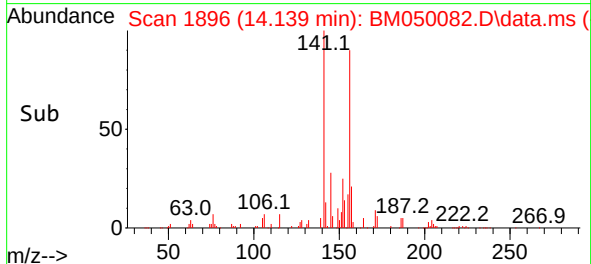
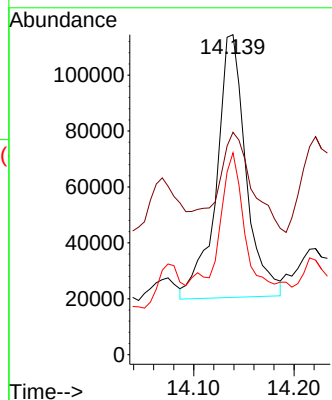
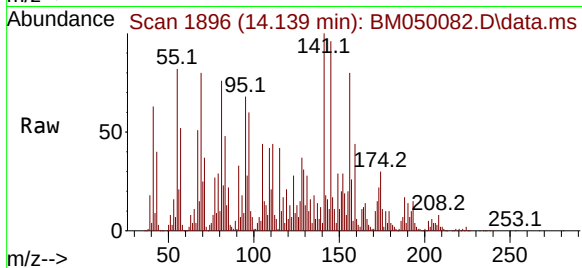
Tgt Ion:152 Resp: 193297

Ion Ratio Lower Upper

152 100

151 69.5 15.8 23.8#

153 63.1 10.6 15.8#



#52

Acenaphthene

Concen: 5.325 ng

RT: 14.480 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

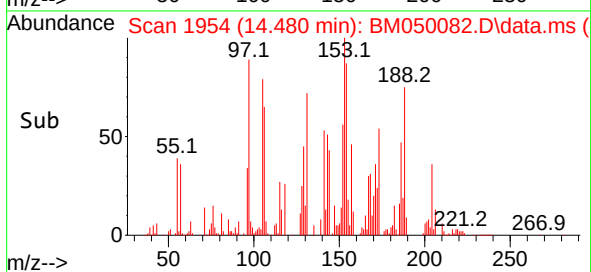
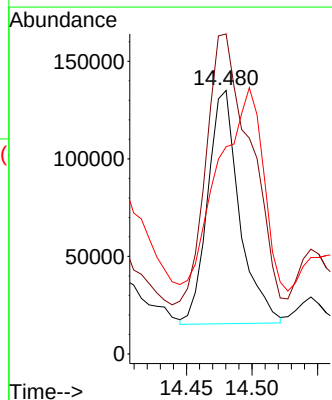
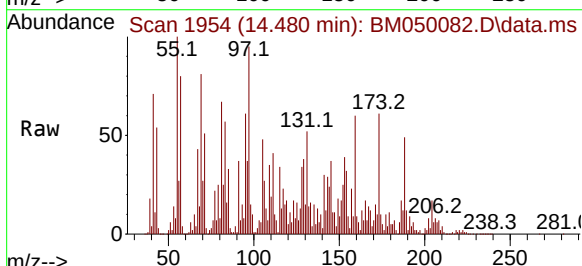
Tgt Ion:154 Resp: 202098

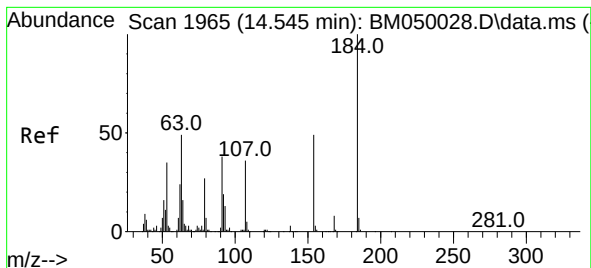
Ion Ratio Lower Upper

154 100

153 121.4 89.0 133.4

152 78.6 43.0 64.6#

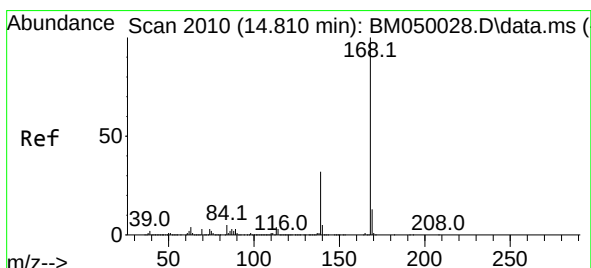
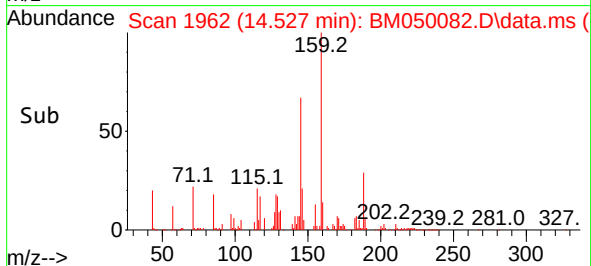
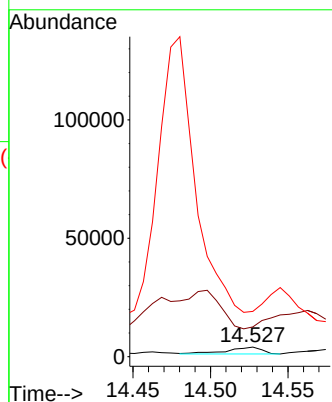
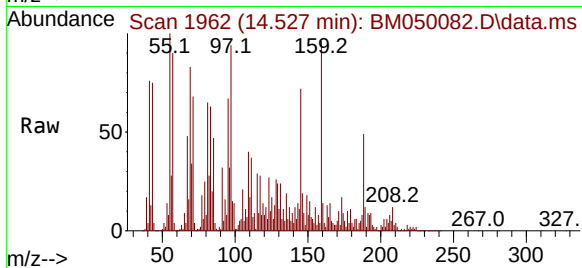




#54
2,4-Dinitrophenol
Concen: 6.344 ng
RT: 14.527 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

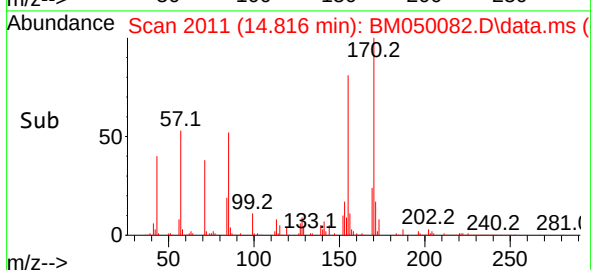
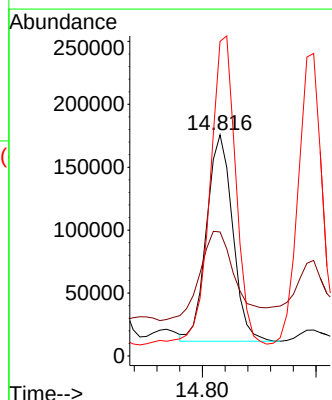
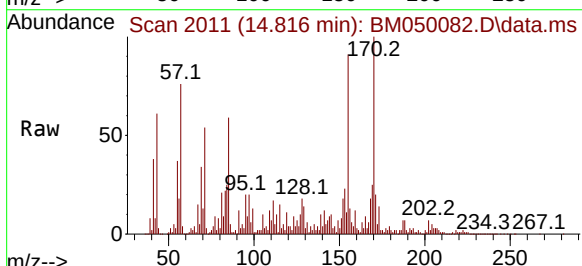
Instrument :
BNA_M
ClientSampleId :
SS-8

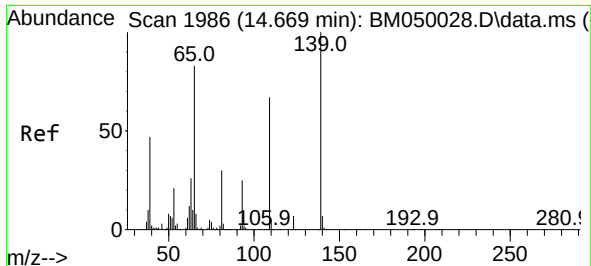
Tgt Ion:184 Resp: 4429
Ion Ratio Lower Upper
184 100
63 310.9 39.8 59.6#
154 473.2 46.1 69.1#



#55
Dibenzofuran
Concen: 4.143 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:168 Resp: 261607
Ion Ratio Lower Upper
168 100
139 56.1 26.1 39.1#
169 142.2 10.8 16.2#

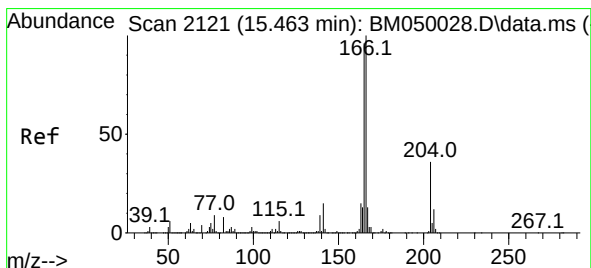
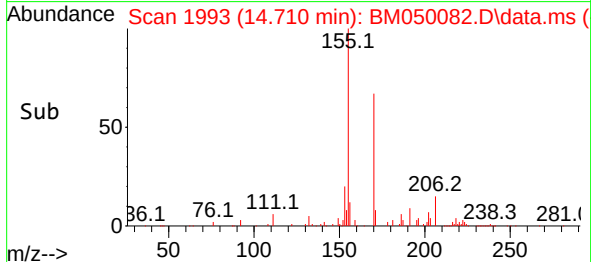
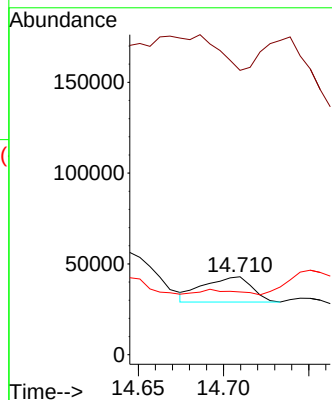
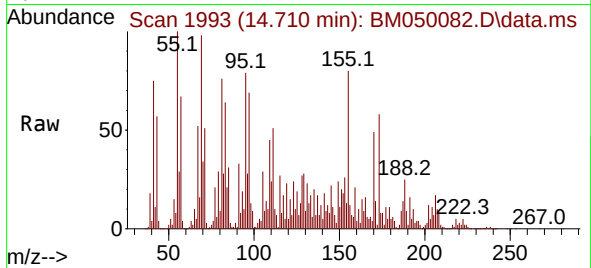




#56
4-Nitrophenol
Concen: 7.676 ng
RT: 14.710 min Scan# 1986
Delta R.T. 0.041 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

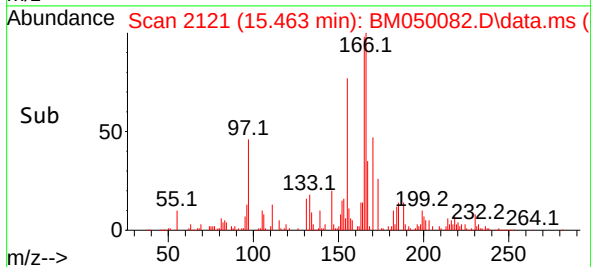
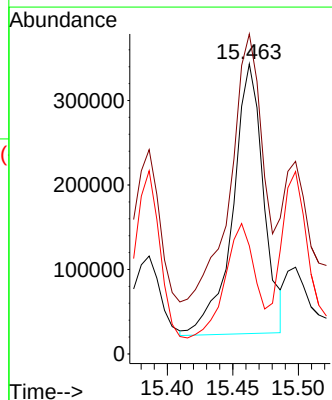
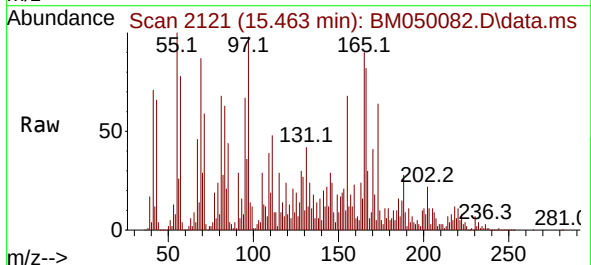
Instrument :
BNA_M
ClientSampleId :
SS-8

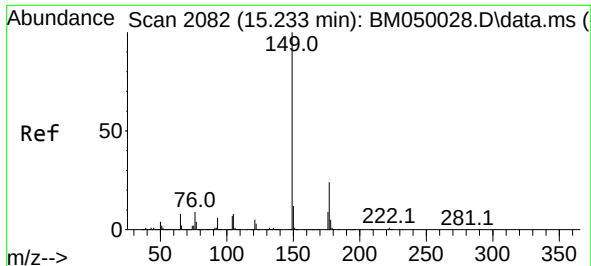
Tgt Ion:139 Resp: 27653
Ion Ratio Lower Upper
139 100
109 364.6 47.0 87.0#
65 80.4 64.3 104.3



#58
Fluorene
Concen: 10.104 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:166 Resp: 522291
Ion Ratio Lower Upper
166 100
165 110.3 76.6 115.0
167 37.3 10.6 16.0#

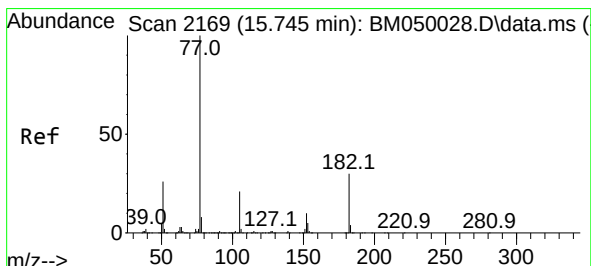
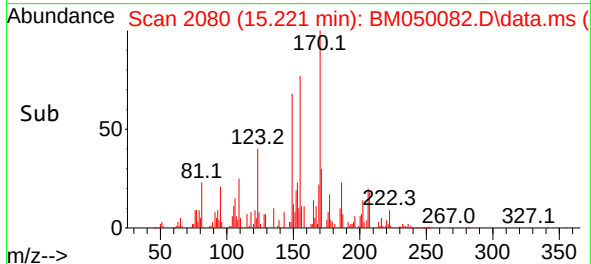
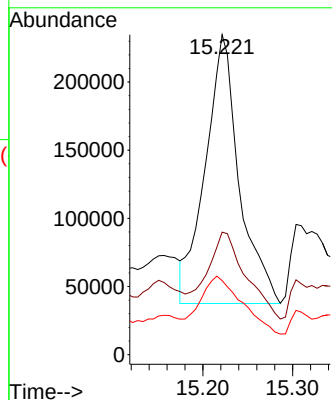
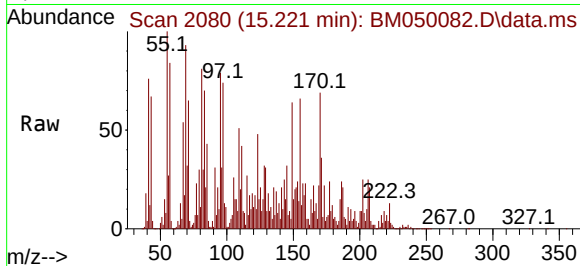




#60
Diethylphthalate
Concen: 10.618 ng
RT: 15.221 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

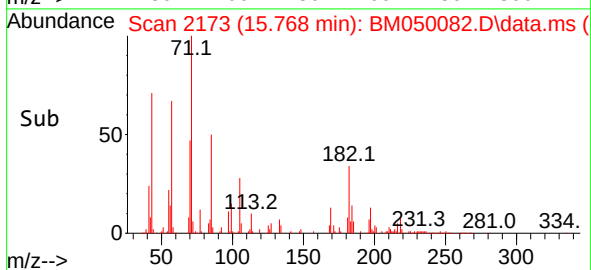
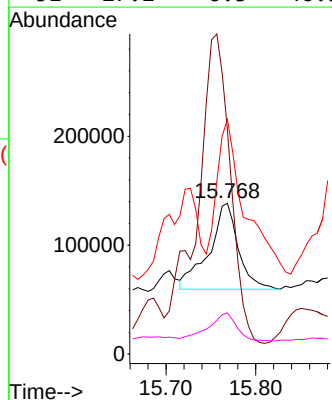
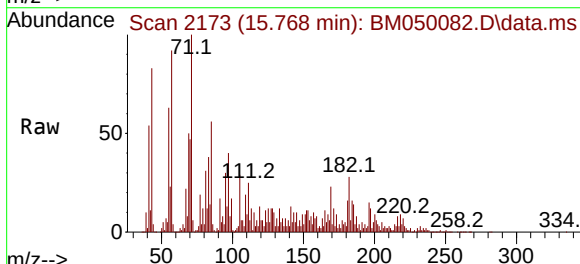
Instrument :
BNA_M
ClientSampleId :
SS-8

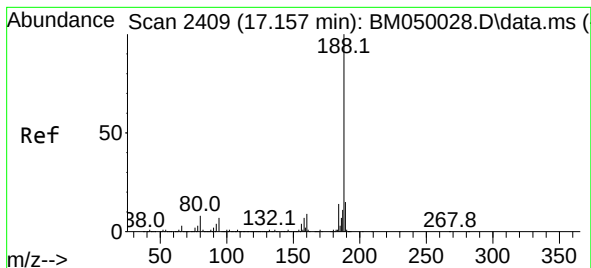
Tgt Ion:149 Resp: 516523
Ion Ratio Lower Upper
149 100
177 38.3 19.1 28.7#
150 23.1 9.6 14.4#



#63
Azobenzene
Concen: 4.385 ng
RT: 15.768 min Scan# 2173
Delta R.T. 0.024 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion: 77 Resp: 178774
Ion Ratio Lower Upper
77 100
182 148.8 10.5 50.5#
105 155.6 1.1 41.1#
51 27.2 6.3 46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

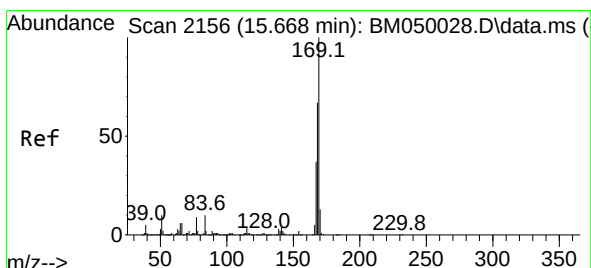
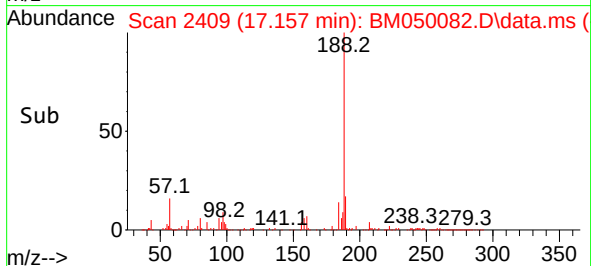
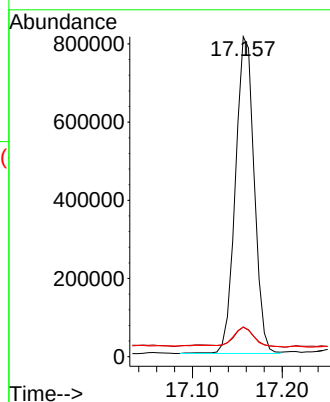
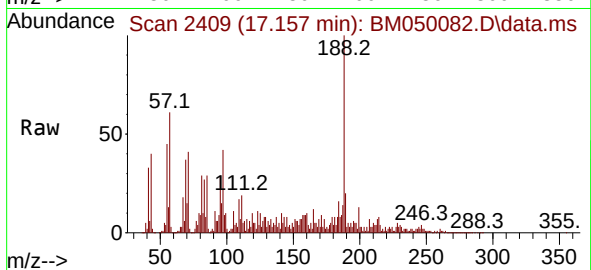
Tgt Ion:188 Resp: 1174129

Ion Ratio Lower Upper

188 100

94 9.3 5.7 8.5#

80 9.2 6.2 9.4



#66

n-Nitrosodiphenylamine

Concen: 20.534 ng

RT: 15.680 min Scan# 2158

Delta R.T. 0.012 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

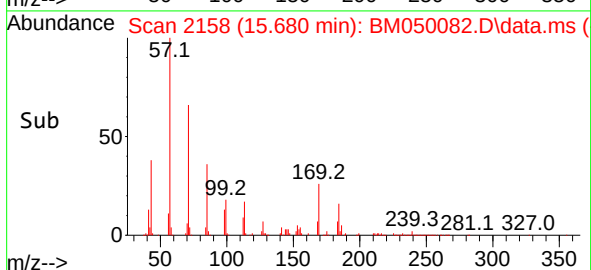
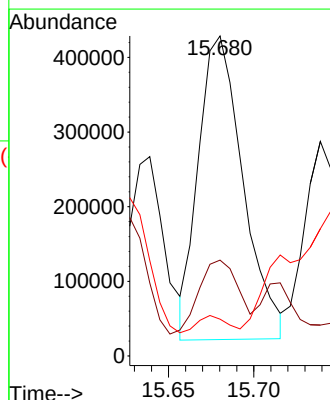
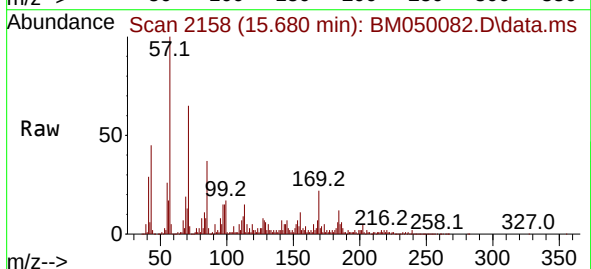
Tgt Ion:169 Resp: 740348

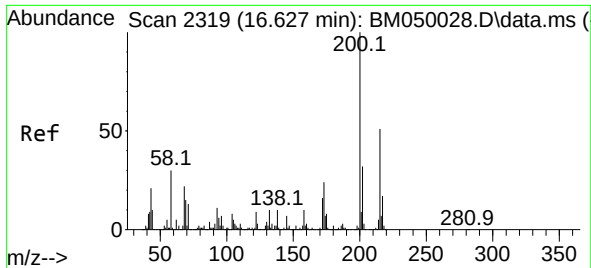
Ion Ratio Lower Upper

169 100

168 29.9 53.4 80.2#

167 11.5 29.4 44.0#

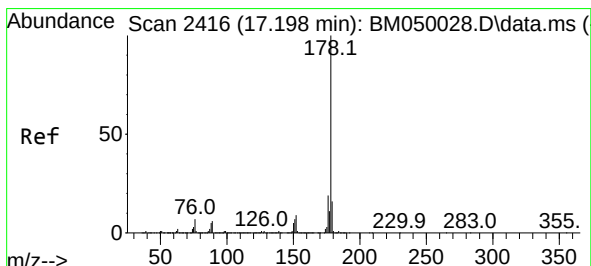
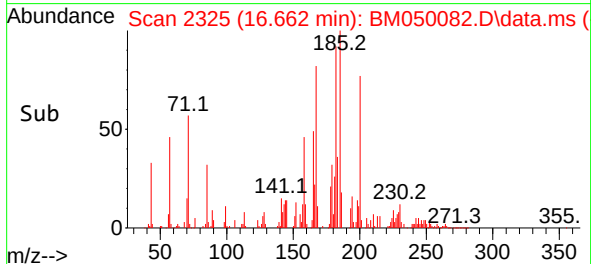
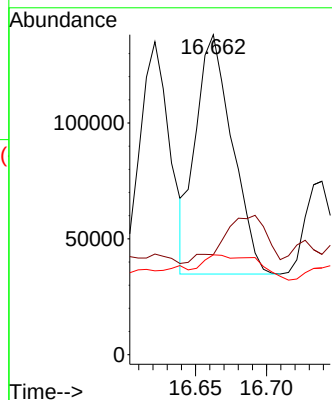
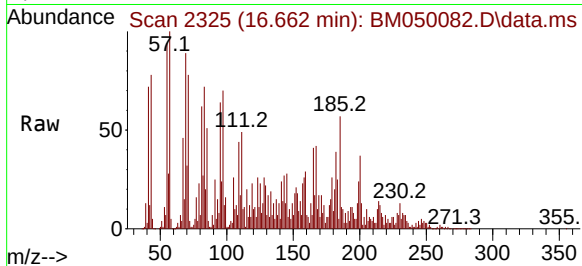




#69
Atrazine
Concen: 14.200 ng
RT: 16.662 min Scan# 21
Delta R.T. 0.035 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

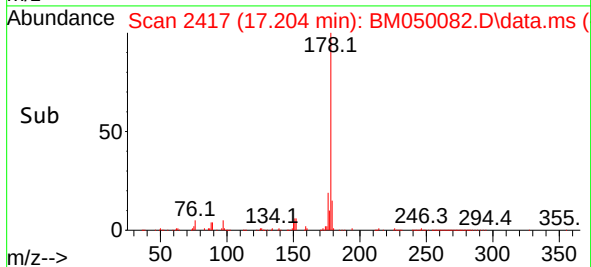
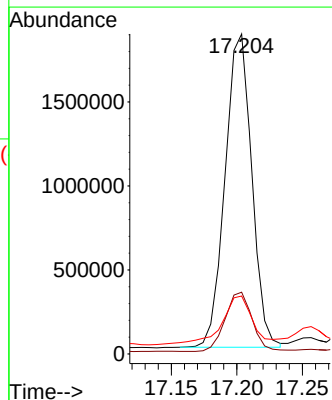
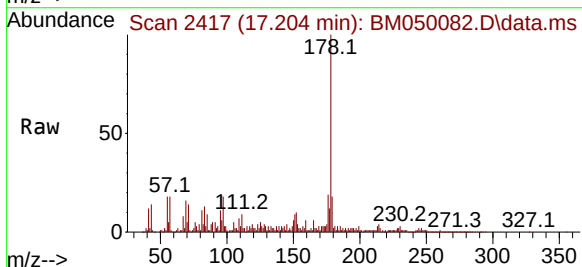
Instrument :
BNA_M
ClientSampleId :
SS-8

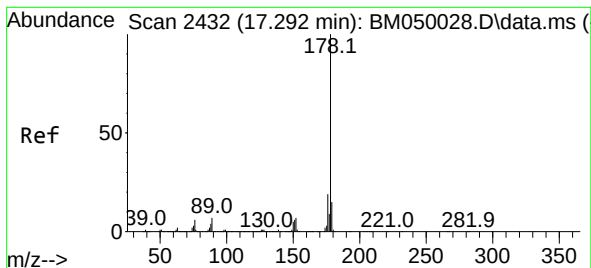
Tgt Ion:200 Resp: 184674
Ion Ratio Lower Upper
200 100
173 31.2 4.3 44.3
215 31.2 30.6 70.6



#71
Phenanthrene
Concen: 39.810 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:178 Resp: 2636316
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 18.1 12.4 18.6





#72

Anthracene

Concen: 39.338 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.088 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

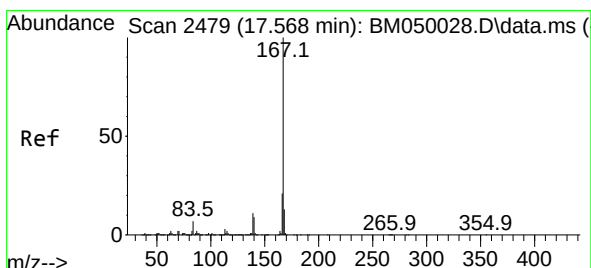
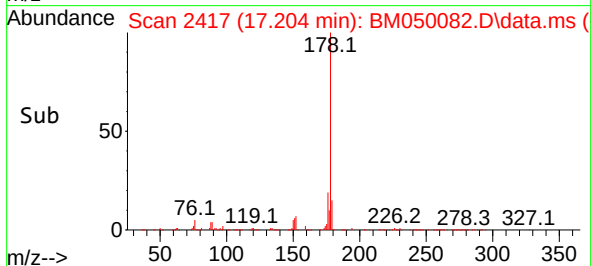
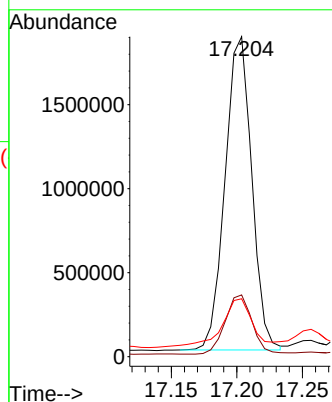
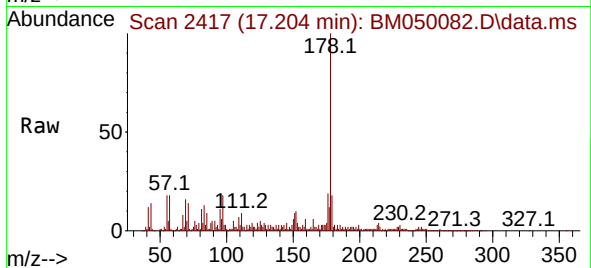
Tgt Ion:178 Resp: 2636316

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

179 18.1 12.2 18.4



#73

Carbazole

Concen: 2.462 ng

RT: 17.562 min Scan# 2478

Delta R.T. -0.006 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

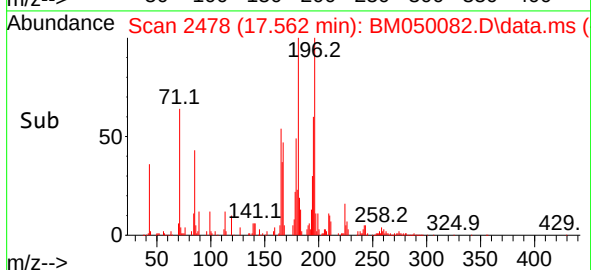
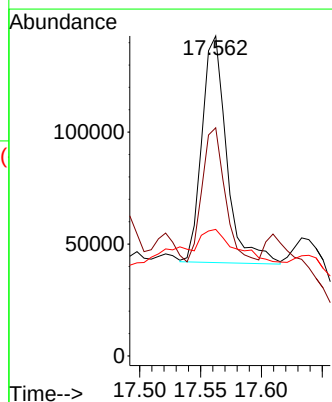
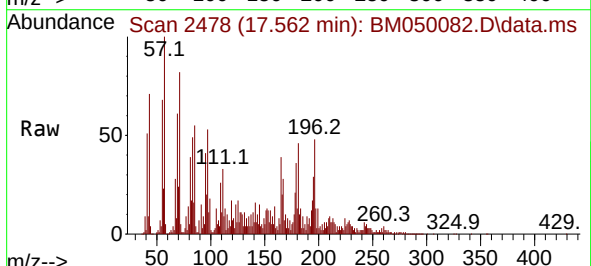
Tgt Ion:167 Resp: 143146

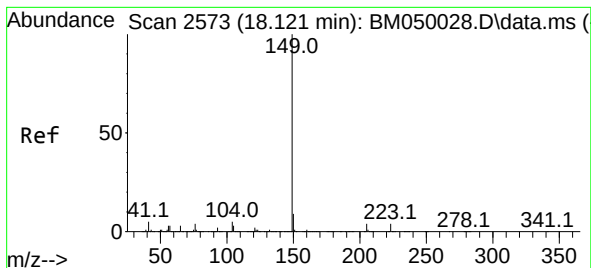
Ion Ratio Lower Upper

167 100

166 71.3 17.2 25.8#

139 39.5 9.0 13.6#





#74

Di-n-butylphthalate

Concen: 6.630 ng

RT: 18.115 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

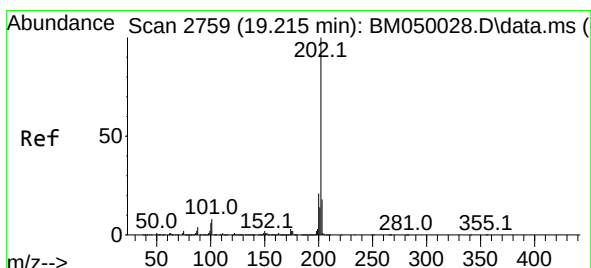
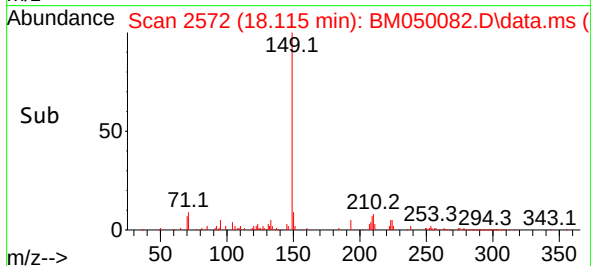
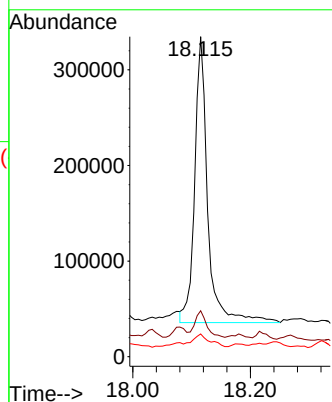
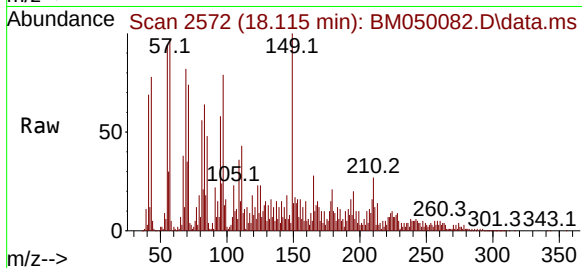
Tgt Ion:149 Resp: 459124

Ion Ratio Lower Upper

149 100

150 14.4 7.3 10.9#

104 7.1 3.8 5.6#



#75

Fluoranthene

Concen: 56.924 ng

RT: 19.221 min Scan# 2760

Delta R.T. 0.006 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

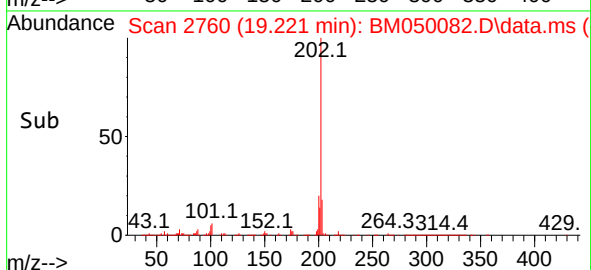
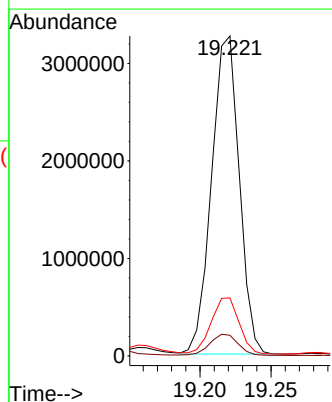
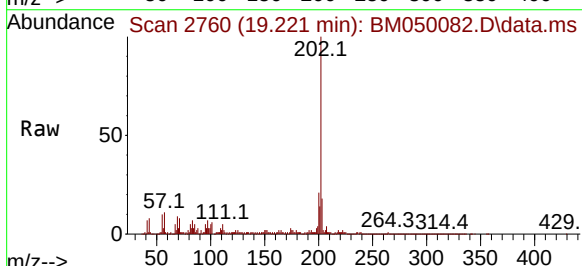
Tgt Ion:202 Resp: 4425756

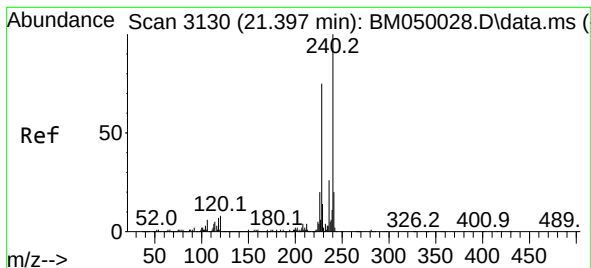
Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.0

203 18.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

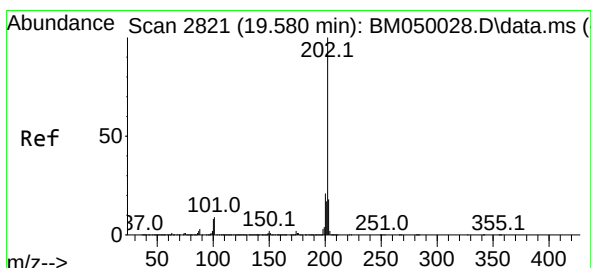
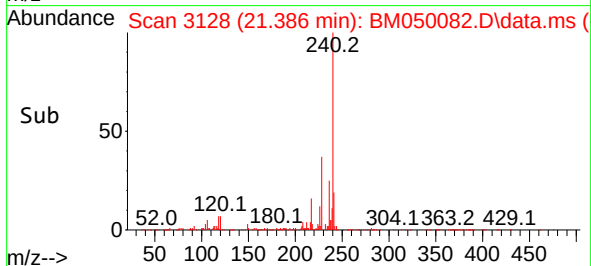
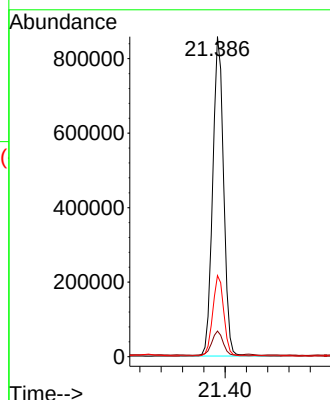
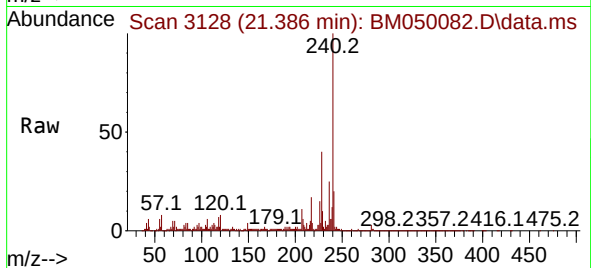
Tgt Ion:240 Resp: 1218527

Ion Ratio Lower Upper

240 100

120 8.0 6.5 9.7

236 25.4 20.9 31.3



#78

Pyrene

Concen: 50.230 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

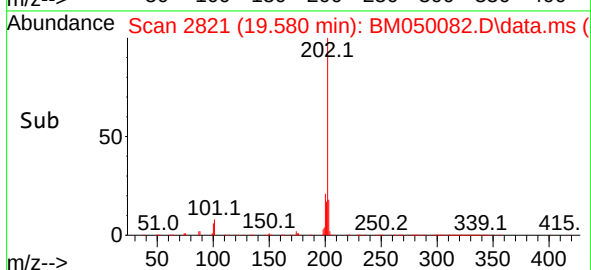
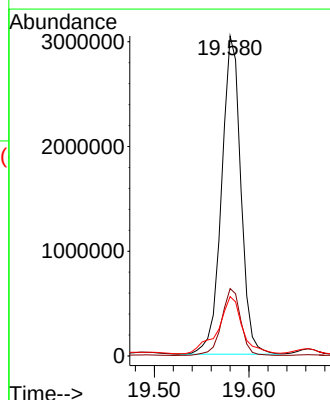
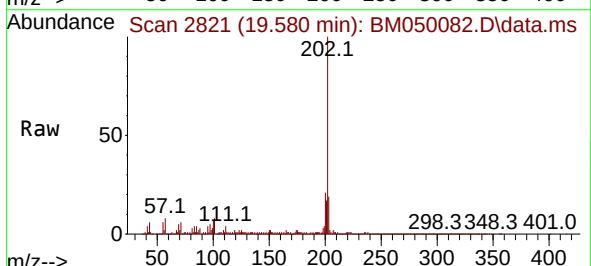
Tgt Ion:202 Resp: 4298119

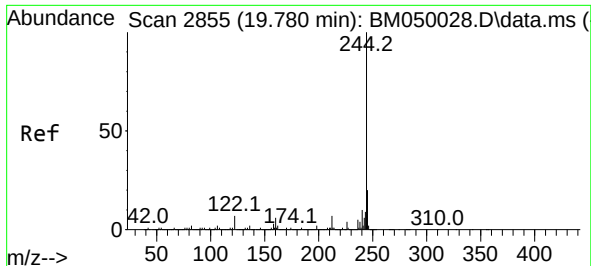
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 18.6 14.1 21.1

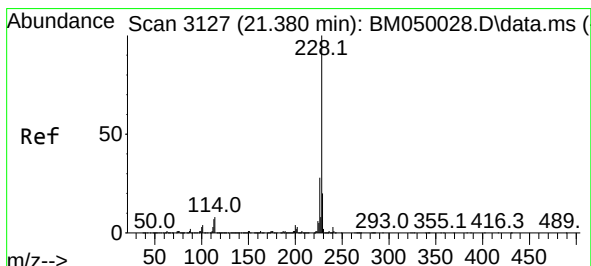
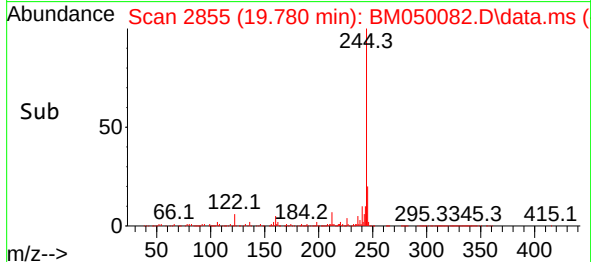
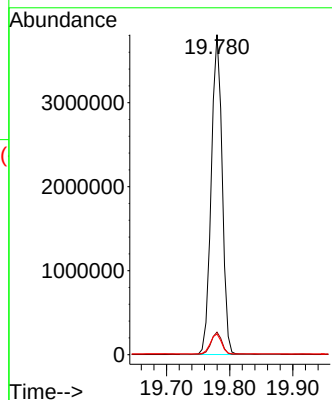
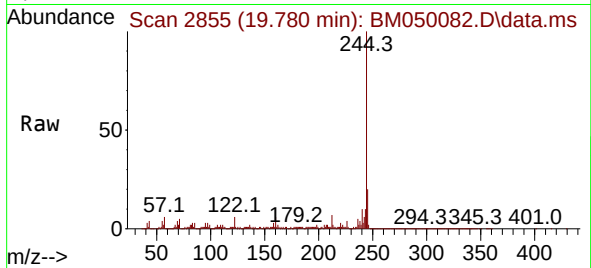




#79
 Terphenyl-d14
 Concen: 55.463 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM050082.D
 Acq: 02 May 2025 12:41

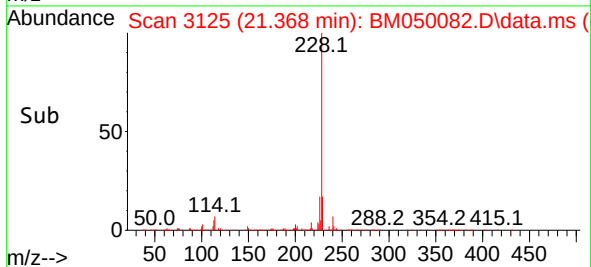
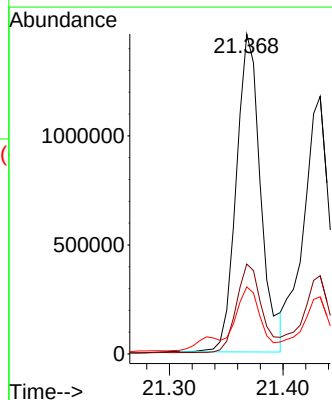
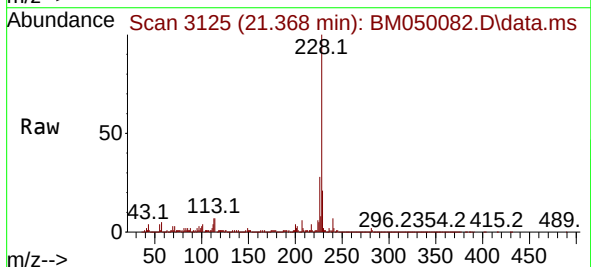
Instrument :
 BNA_M
 ClientSampleId :
 SS-8

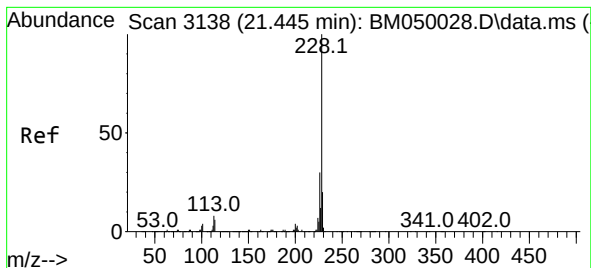
Tgt Ion:244 Resp: 4567238
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.4 5.6 8.4



#81
 Benzo(a)anthracene
 Concen: 25.900 ng
 RT: 21.368 min Scan# 3125
 Delta R.T. -0.012 min
 Lab File: BM050082.D
 Acq: 02 May 2025 12:41

Tgt Ion:228 Resp: 2173300
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.1 33.1
 229 21.0 15.7 23.5





#83

Chrysene

Concen: 23.919 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

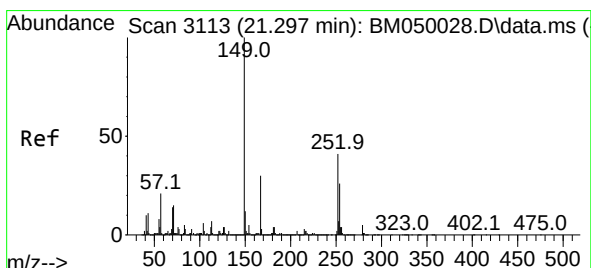
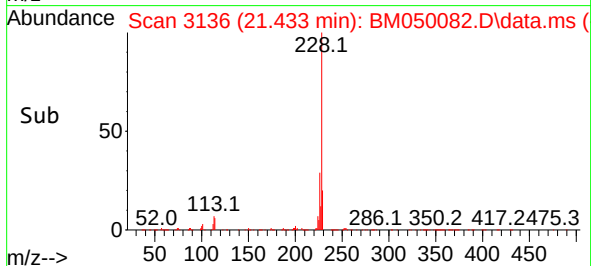
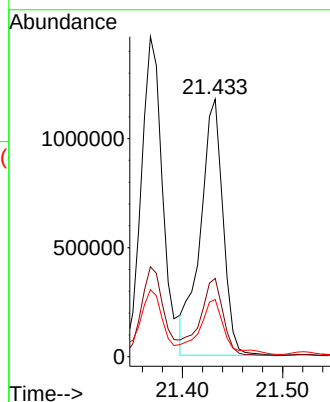
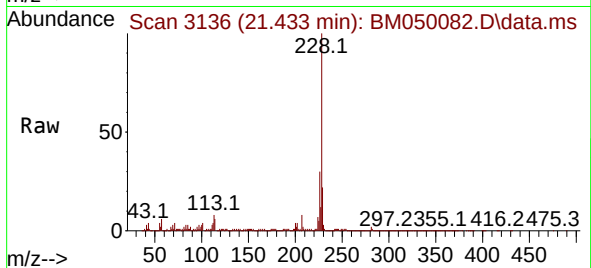
Tgt Ion:228 Resp: 1857590

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 22.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.813 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

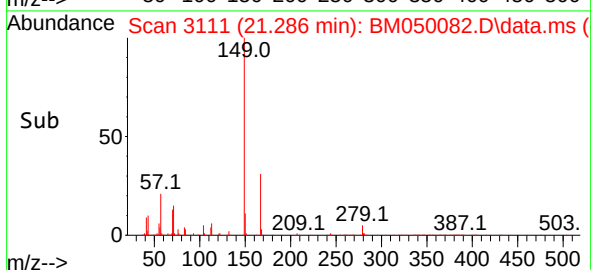
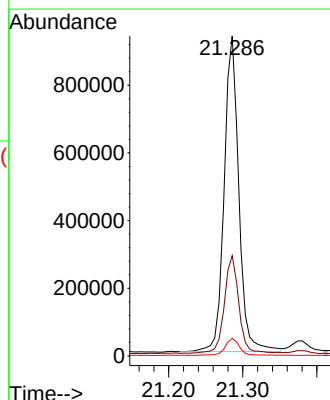
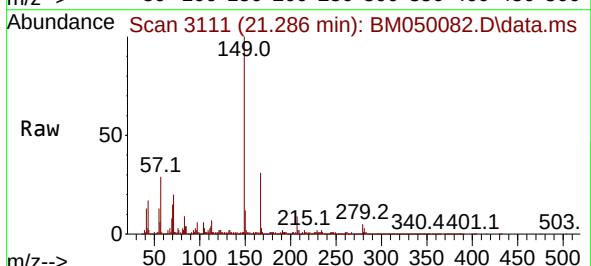
Tgt Ion:149 Resp: 1283549

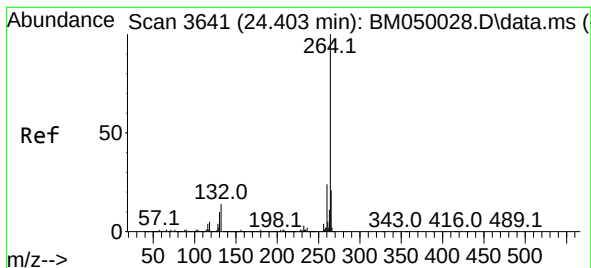
Ion Ratio Lower Upper

149 100

167 31.4 24.1 36.1

279 5.5 3.9 5.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

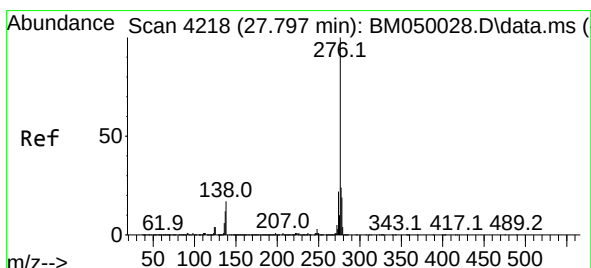
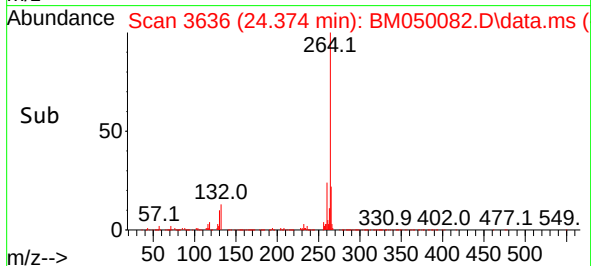
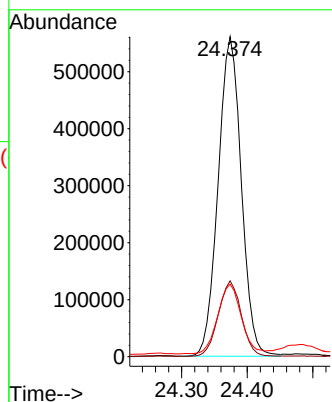
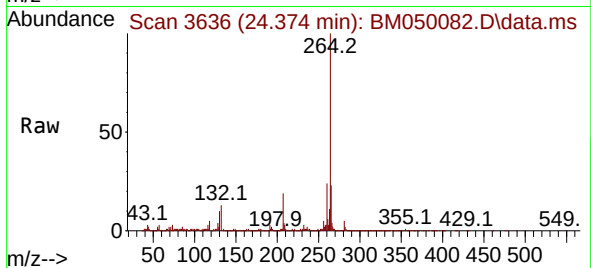
Tgt Ion:264 Resp: 1375318

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.6 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.611 ng

RT: 27.750 min Scan# 4210

Delta R.T. -0.047 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

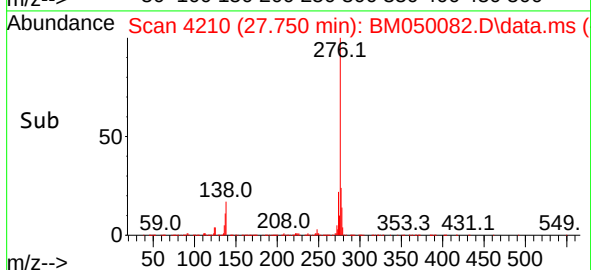
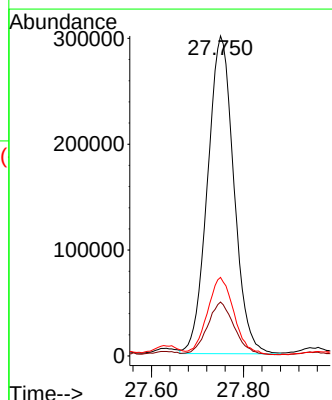
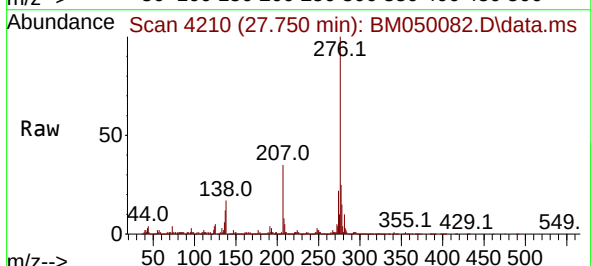
Tgt Ion:276 Resp: 1189908

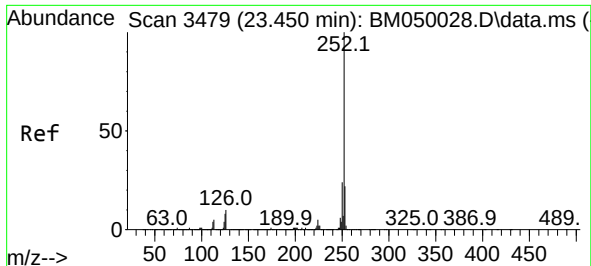
Ion Ratio Lower Upper

276 100

138 16.9 16.4 24.6

277 24.6 19.8 29.8

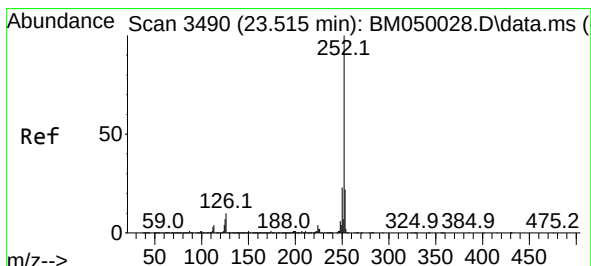
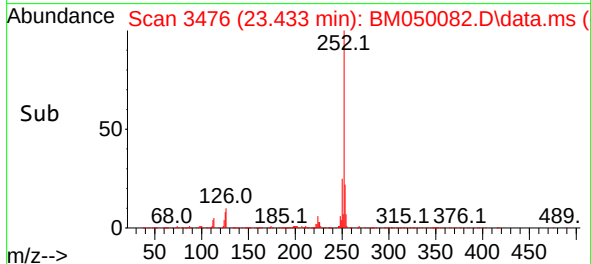
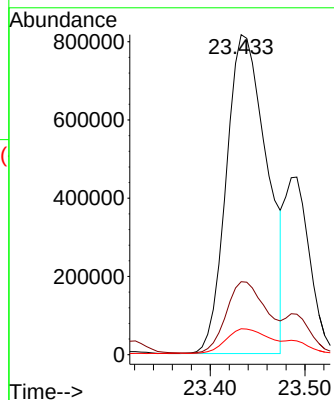
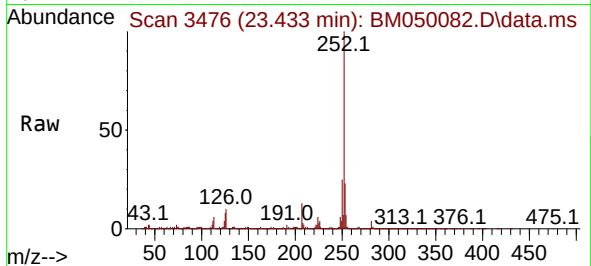




#88
Benzo(b)fluoranthene
Concen: 27.255 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

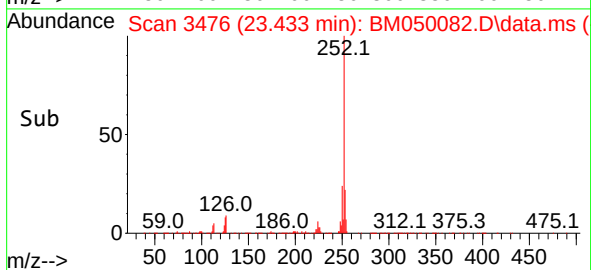
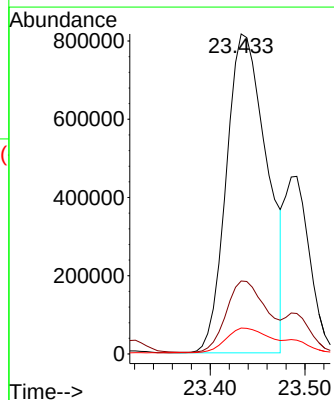
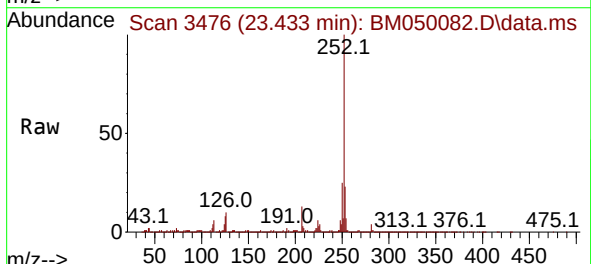
Instrument :
BNA_M
ClientSampleId :
SS-8

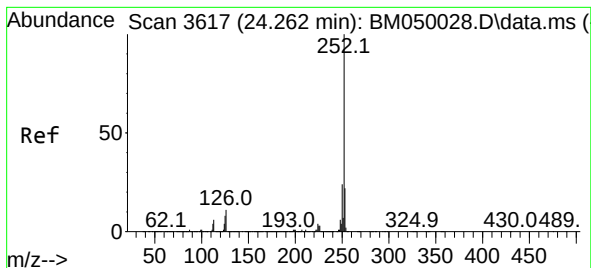
Tgt Ion:252 Resp: 2437742
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 8.1 6.1 9.1



#89
Benzo(k)fluoranthene
Concen: 26.945 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.082 min
Lab File: BM050082.D
Acq: 02 May 2025 12:41

Tgt Ion:252 Resp: 2437742
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 8.1 5.8 8.8





#90

Benzo(a)pyrene

Concen: 21.367 ng

RT: 24.233 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

Instrument :

BNA_M

ClientSampleId :

SS-8

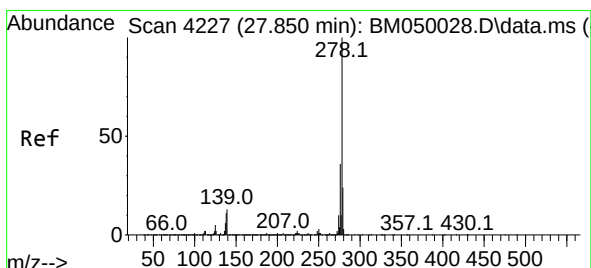
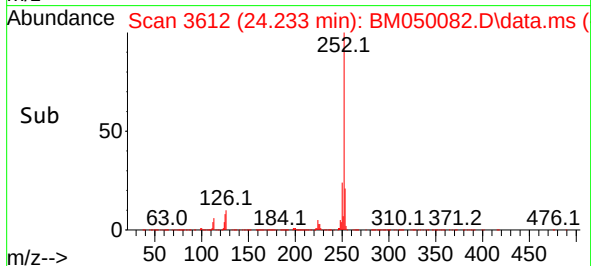
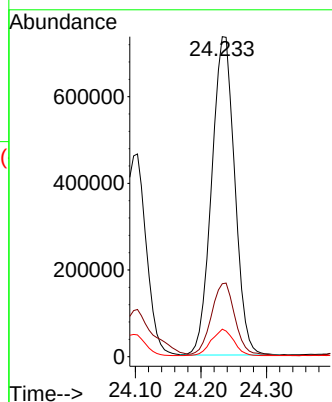
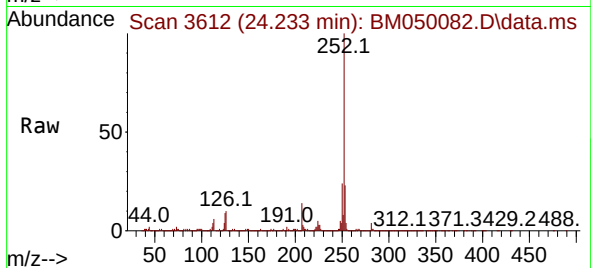
Tgt Ion:252 Resp: 1789914

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 8.6 6.6 9.8



#91

Dibenzo(a,h)anthracene

Concen: 3.793 ng

RT: 27.785 min Scan# 4216

Delta R.T. -0.065 min

Lab File: BM050082.D

Acq: 02 May 2025 12:41

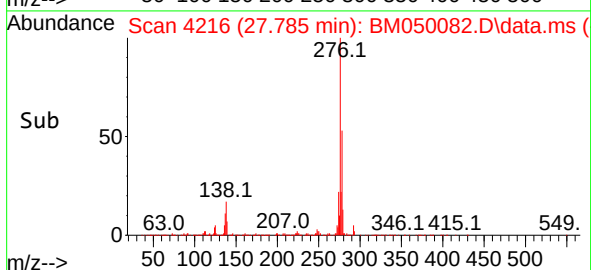
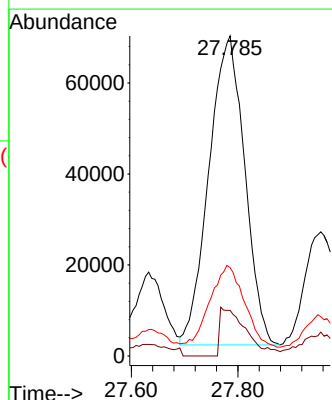
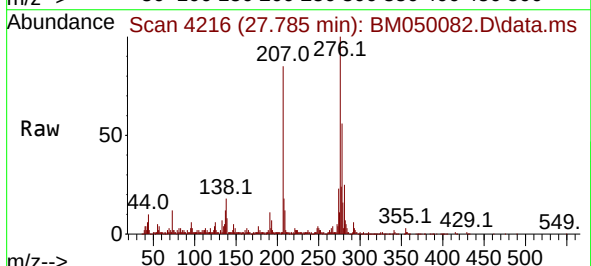
Tgt Ion:278 Resp: 316870

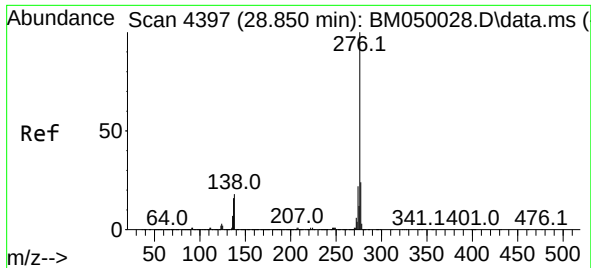
Ion Ratio Lower Upper

278 100

139 14.3 10.5 15.7

279 27.6 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 13.535 ng
 RT: 28.803 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: BM050082.D
 Acq: 02 May 2025 12:41

Instrument :
 BNA_M
 ClientSampleId :
 SS-8

Tgt Ion:276 Resp: 1082442
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.1 28.7
 138 17.1 14.3 21.5

