

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054359.D
 Acq On : 22 Jul 2022 14:22
 Operator : CG/JU
 Sample : PB146375BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146375BS

Quant Time: Jul 23 00:11:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-8.00
21) Naphthalene-d8	10.465	136	344	20.000	ng	#-0.34
39) Acenaphthene-d10	14.078	164	15965	20.000	ng	#-0.56
64) Phenanthrene-d10	16.681	188	725	20.000	ng	#-0.70
76) Chrysene-d12	20.729	240	72	20.000	ng	#-0.91
86) Perylene-d12	0.000	264	0	0.000	ng	-24.84
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	106579	0.000	ng	0.00
7) Phenol-d6	7.174	99	136968	0.000	ng	0.00
23) Nitrobenzene-d5	9.154	82	88295	13977.568	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	0.000	244	0	0.000	ng	
Target Compounds						
						Qvalue
22) Acetophenone	8.814	105	61500	7433.239	ng	# 99
24) Nitrobenzene	8.814	77	65846	10665.955	ng	# 50
25) Isophorone	9.154	82	88295	8036.957	ng	# 69
26) 2-Nitrophenol	9.724	139	1485	477.217	ng	# 51
27) 2,4-Dimethylphenol	9.983	122	38480	8951.542	ng	# 92
28) bis(2-Chloroethoxy)met...	9.906	93	2581	465.806	ng	# 51
29) 2,4-Dichlorophenol	10.465	162	50684	7811.288	ng	# 90
30) 1,2,4-Trichlorobenzene	10.664	180	58975	7338.874	ng	# 95
31) Naphthalene	10.852	128	125765	7283.088	ng	# 98
32) Benzoic acid	9.912	122	1367	680.850	ng	# 1
33) 4-Chloroaniline	10.846	127	16903	2407.054	ng	# 35
34) Hexachlorobutadiene	11.134	225	52730	7424.837	ng	# 96
35) Caprolactam	11.734	113	7038	4307.847	ng	# 71
36) 4-Chloro-3-methylphenol	12.098	107	45433	7696.724	ng	# 85
37) 2-Methylnaphthalene	12.456	142	94575	7131.914	ng	# 96
38) 1-Methylnaphthalene	12.456	142	94575	7319.197	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.826	216	67355	96.297	ng	# 96
41) Hexachlorocyclopentadiene	12.809	237	48848	200.697	ng	# 98
44) 2,4,5-Trichlorophenol	13.073	196	50703	117.828	ng	# 92
47) 2-Chloronaphthalene	13.067	162	3800	4.157	ng	# 61
48) 2-Nitroaniline	13.461	65	1160	4.863	ng	# 10
49) Acenaphthylene	13.461	152	39191	28.855	ng	# 1
50) Dimethylphthalate	13.508	163	13254	10.628	ng	# 1
51) 2,6-Dinitrotoluene	13.508	165	4354	15.918	ng	# 3
53) 3-Nitroaniline	13.708	138	33729	147.444	ng	# 42
55) Dibenzofuran	14.307	168	16264	11.114	ng	# 49
56) 4-Nitrophenol	14.536	139	1440	9.435	ng	# 1
57) 2,4-Dinitrotoluene	14.201	165	35894	91.540	ng	# 76
58) Fluorene	14.995	166	4971	4.132	ng	# 1
62) 4-Nitroaniline	15.030	138	3115	12.961	ng	# 6
63) Azobenzene	15.441	77	7178	8.304	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.183	198	2682	598.780	ng	# 32
66) n-Nitrosodiphenylamine	15.259	169	3944	217.889	ng	# 1
67) 4-Bromophenyl-phenylether	16.117	248	7730	759.165	ng	# 1
69) Atrazine	15.764	200	403	50.032	ng	# 38
70) Pentachlorophenol	16.346	266	72	17.364	ng	# 16

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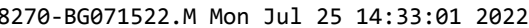
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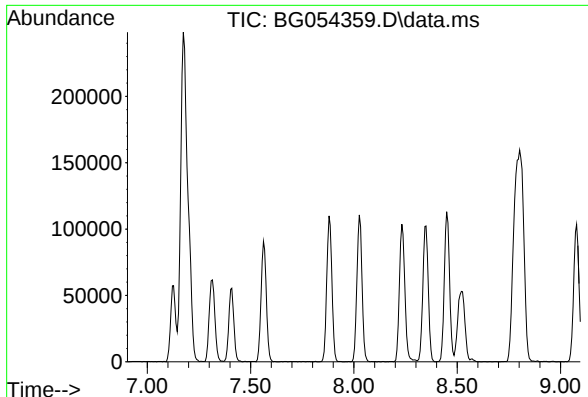
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

71) Phenanthrene	16.681	178	636	17.615	ng	# 1
72) Anthracene	16.681	178	636	17.951	ng	# 1
73) Carbazole	17.033	167	22838	782.949	ng	# 68
74) Di-n-butylphthalate	17.503	149	2333	67.776	ng	# 1
78) Pyrene	19.425	202	407195	98563.324	ng	# 99
80) Butylbenzylphthalate	19.789	149	2388	1854.838	ng	# 22
81) Benzo(a)anthracene	20.894	228	4830	1056.776	ng	# 1
83) Chrysene	20.894	228	4830	1118.554	ng	# 1
84) Bis(2-ethylhexyl)phtha...	20.664	149	130810	71804.920	ng	# 56
85) Di-n-octyl phthalate	21.516	149	186343	59958.164	ng	# 87

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

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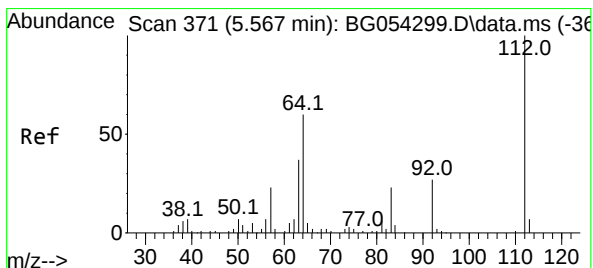
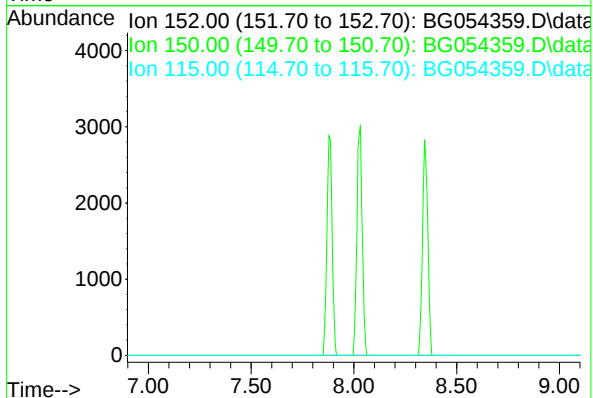




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 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.00 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

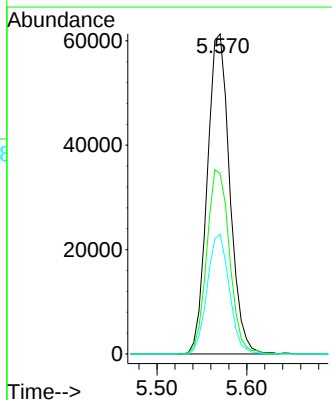
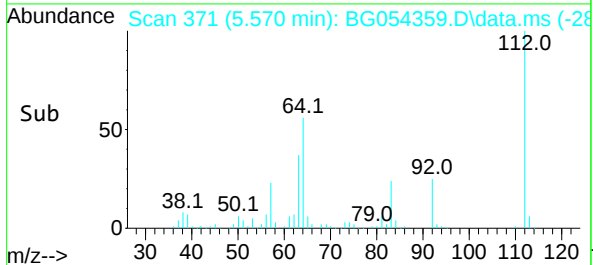
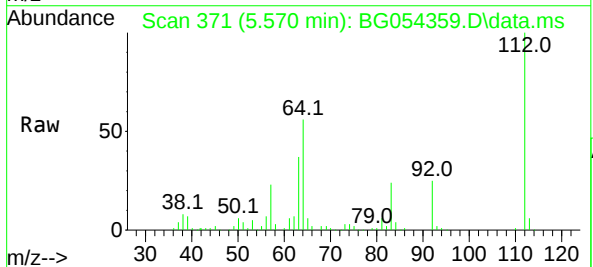
Instrument :
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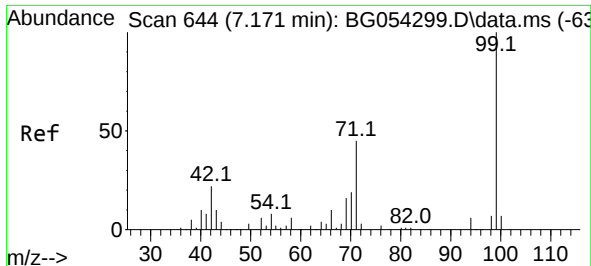
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 164.5
 115 63.6



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.570 min Scan# 371
 Delta R.T. 0.003 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

Tgt Ion: 112 Resp: 106579
 Ion Ratio Lower Upper
 112 100
 64 56.4 55.1 82.7
 63 37.4 30.4 45.6

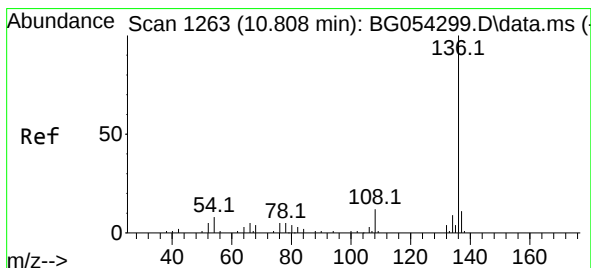
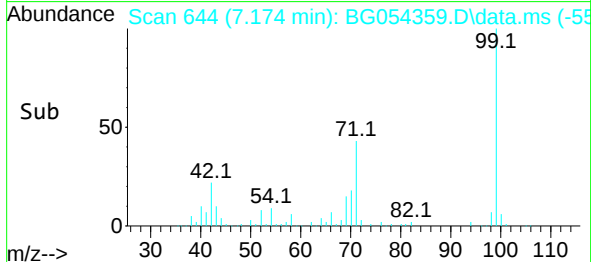
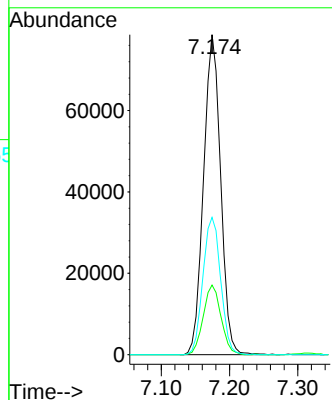
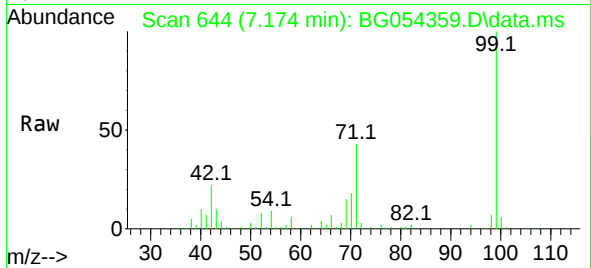




#7
Phenol-d6
Concen: 0.000 ng
RT: 7.174 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

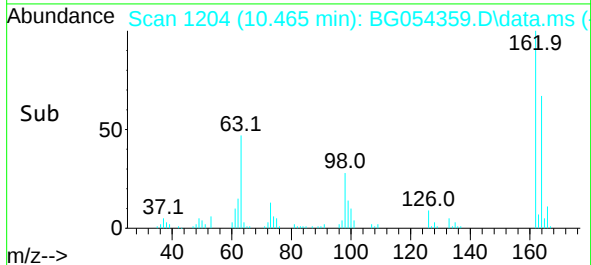
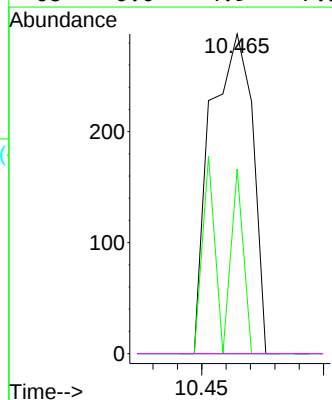
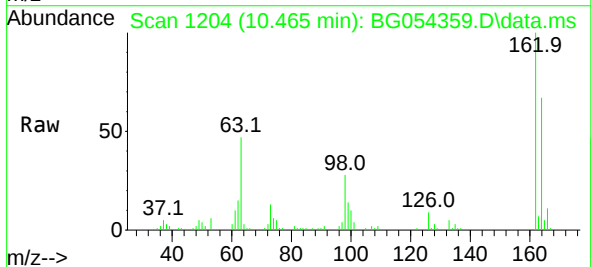
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ClientSampleId :
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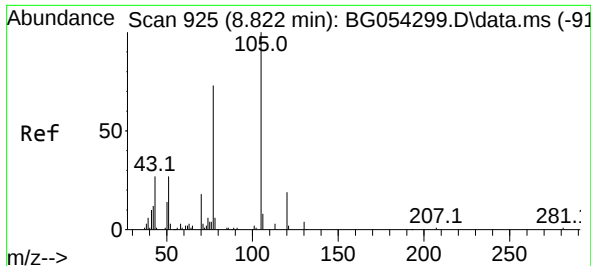
Tgt Ion: 99 Resp: 136968
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 42.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.465 min Scan# 1204
Delta R.T. -0.343 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion: 136 Resp: 344
Ion Ratio Lower Upper
136 100
137 57.6 8.5 12.7#
54 0.0 7.4 11.2#
68 0.0 4.9 7.3#

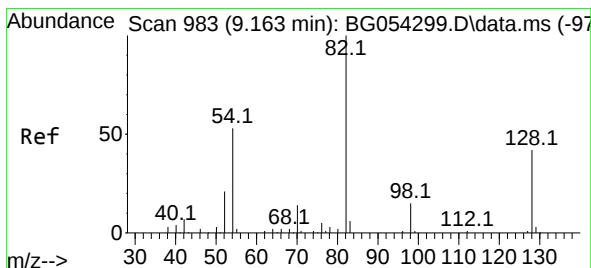
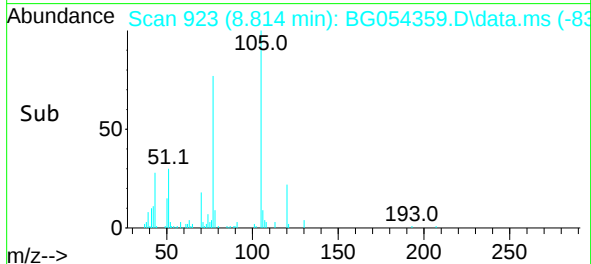
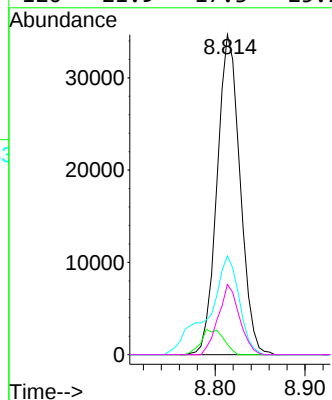
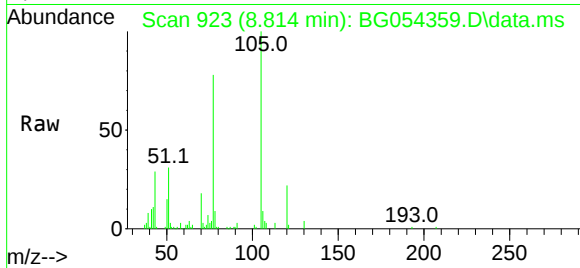




#22
Acetophenone
Concen: 7433.239 ng
RT: 8.814 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

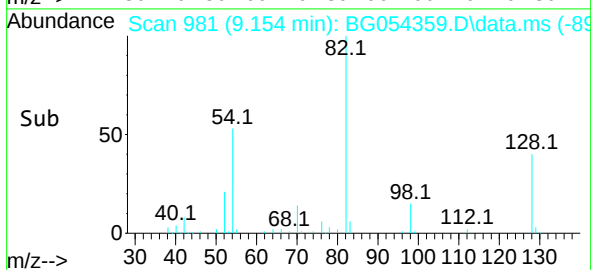
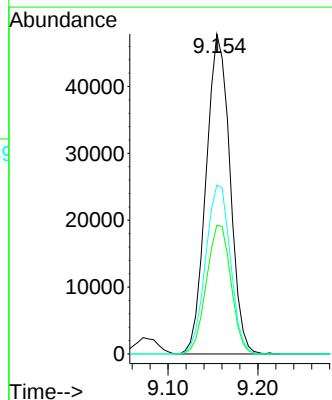
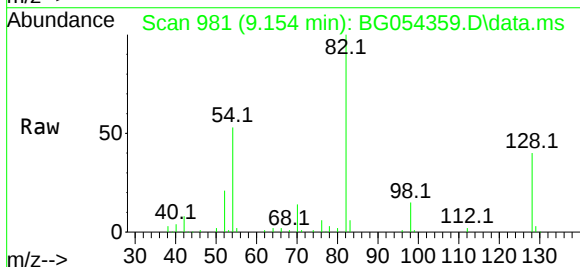
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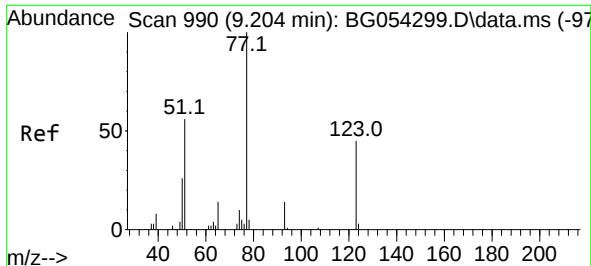
Tgt Ion:105 Resp: 61500
Ion Ratio Lower Upper
105 100
71 3.3 1.1 1.7#
51 30.8 25.4 38.0
120 21.9 17.3 25.9



#23
Nitrobenzene-d5
Concen: 13977.568 ng
RT: 9.154 min Scan# 981
Delta R.T. -0.009 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion: 82 Resp: 88295
Ion Ratio Lower Upper
82 100
128 40.3 27.9 41.9
54 52.8 41.2 61.8

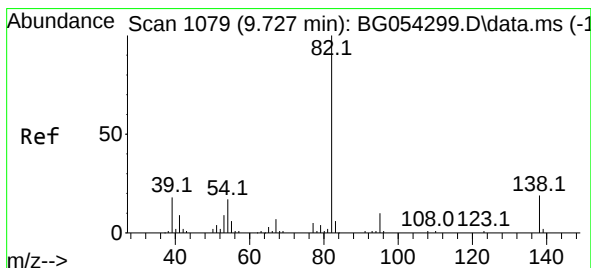
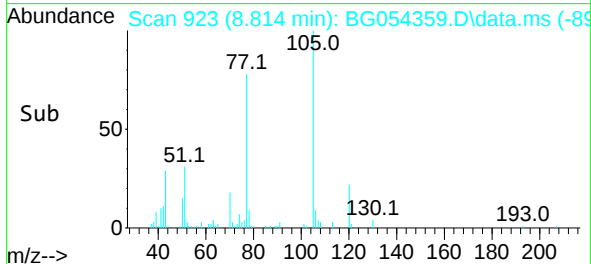
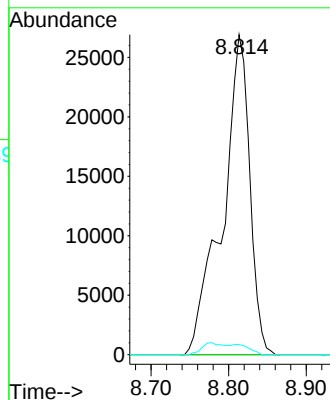
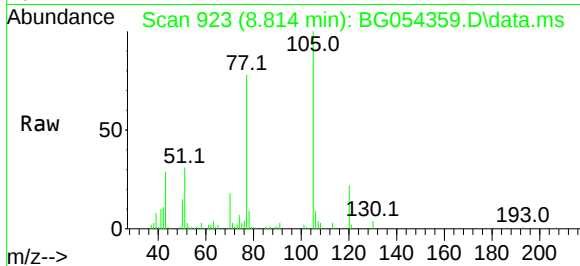




#24
Nitrobenzene
Concen: 10665.955 ng
RT: 8.814 min Scan# 91
Delta R.T. -0.391 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

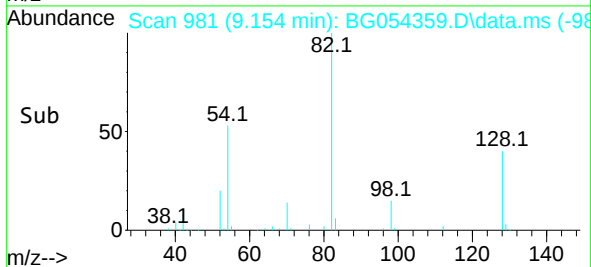
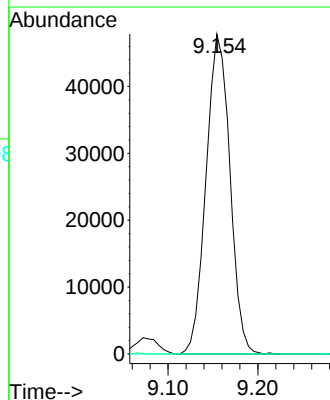
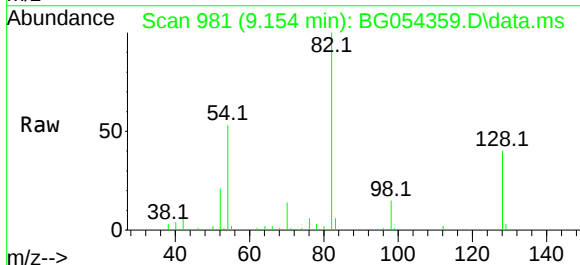
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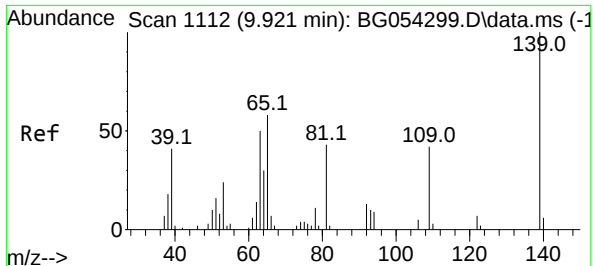
Tgt Ion: 77 Resp: 65846
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 3.1 11.4 17.0#



#25
Isophorone
Concen: 8036.957 ng
RT: 9.154 min Scan# 981
Delta R.T. -0.573 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion: 82 Resp: 88295
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.6 17.4#

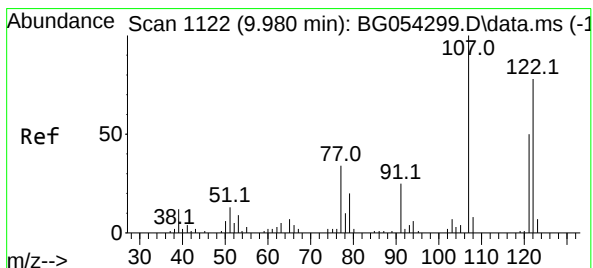
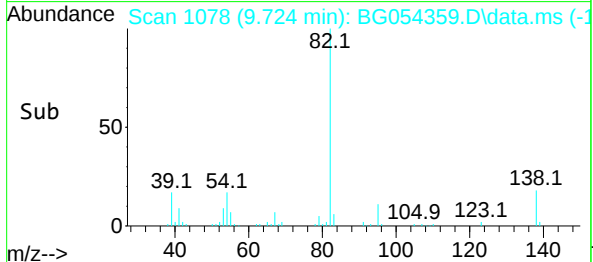
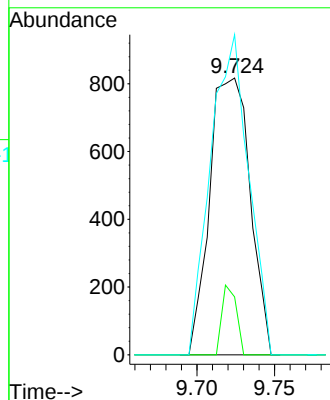
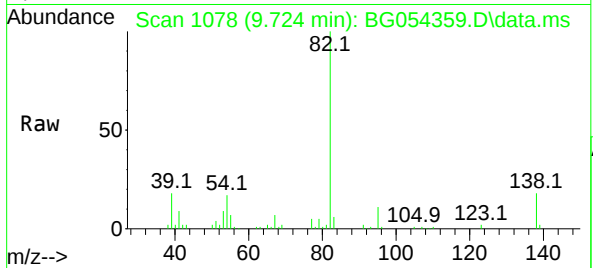




#26
2-Nitrophenol
Concen: 477.217 ng
RT: 9.724 min Scan# 1107
Delta R.T. -0.197 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

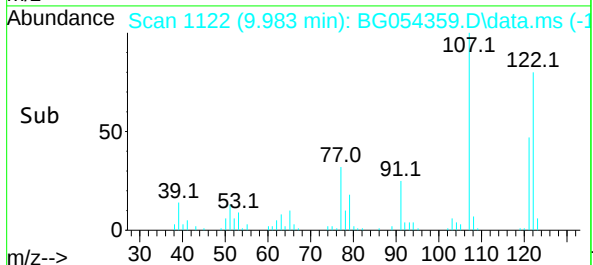
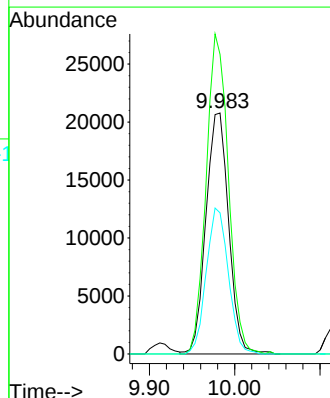
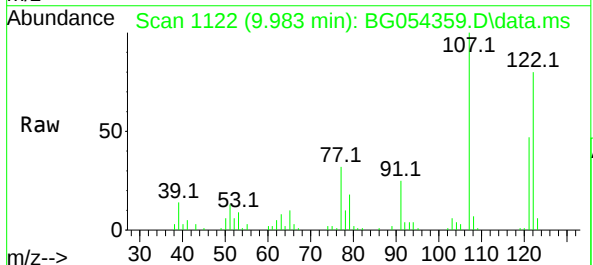
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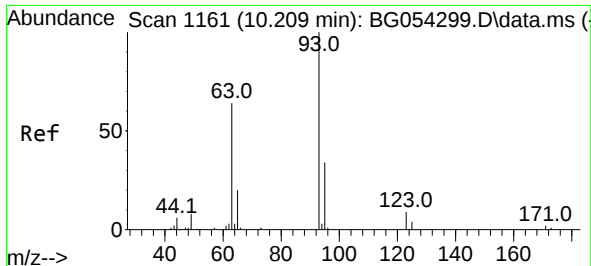
Tgt Ion:139 Resp: 1485
Ion Ratio Lower Upper
139 100
109 20.9 36.1 54.1#
65 115.7 55.8 83.6#



#27
2,4-Dimethylphenol
Concen: 8951.542 ng
RT: 9.983 min Scan# 1122
Delta R.T. 0.003 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:122 Resp: 38480
Ion Ratio Lower Upper
122 100
107 124.3 109.4 164.0
121 58.6 48.7 73.1

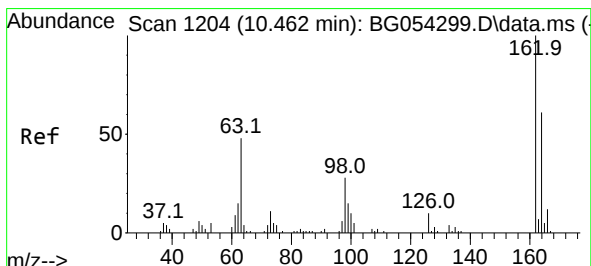
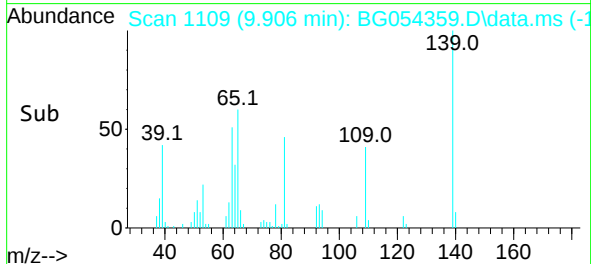
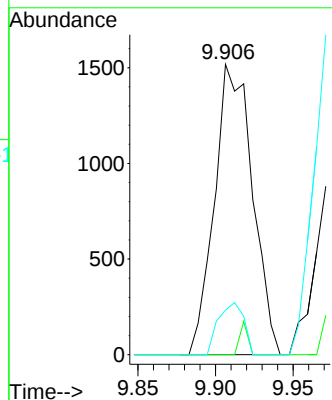
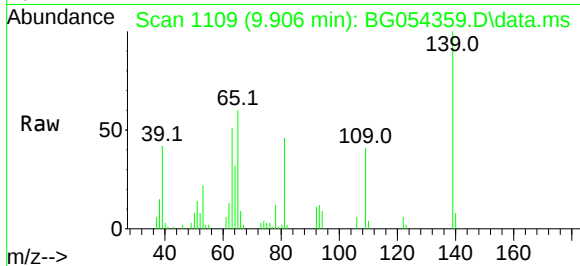




#28
bis(2-Chloroethoxy)methane
Concen: 465.806 ng
RT: 9.906 min Scan# 11
Delta R.T. -0.303 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

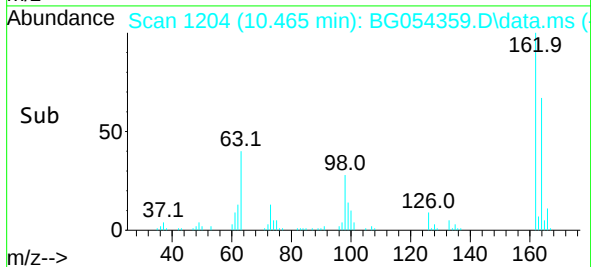
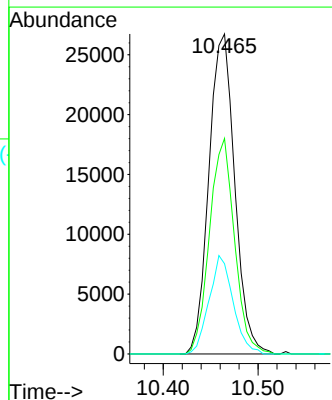
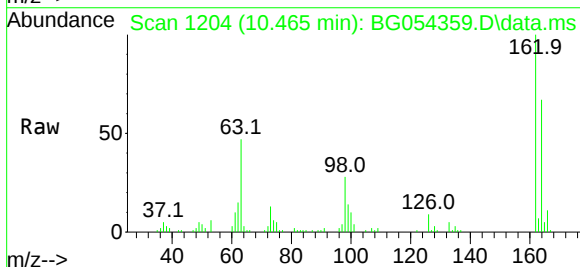
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ClientSampleId :
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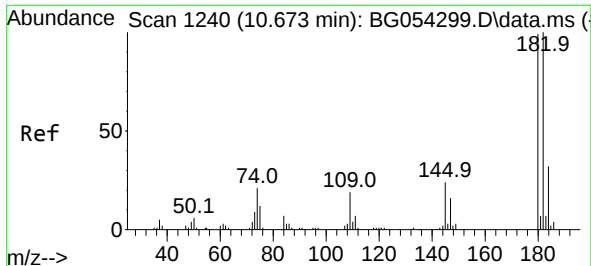
Tgt Ion: 93 Resp: 2581
Ion Ratio Lower Upper
93 100
95 0.0 26.9 40.3#
123 15.3 7.7 11.5#



#29
2,4-Dichlorophenol
Concen: 7811.288 ng
RT: 10.465 min Scan# 1204
Delta R.T. 0.003 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:162 Resp: 50684
Ion Ratio Lower Upper
162 100
164 67.4 46.6 86.6
98 28.2 22.8 62.8

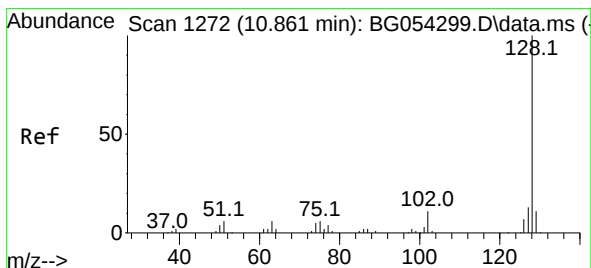
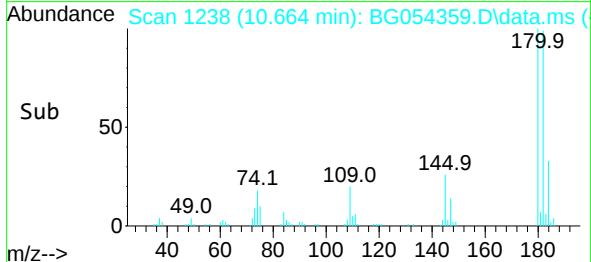
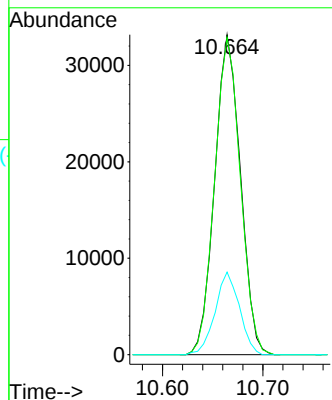
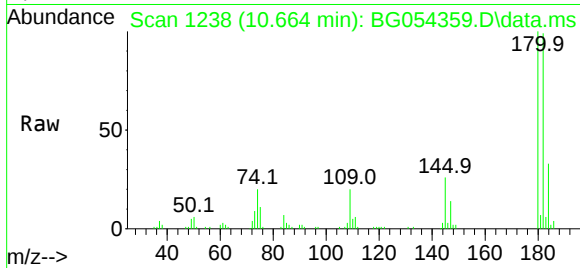




#30
 1,2,4-Trichlorobenzene
 Concen: 7338.874 ng
 RT: 10.664 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

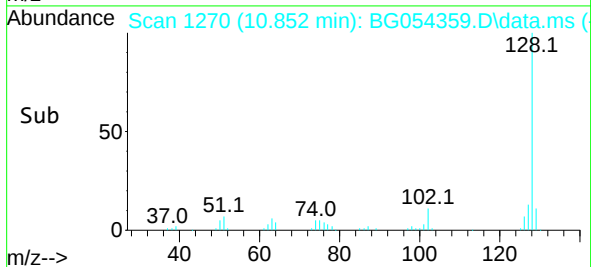
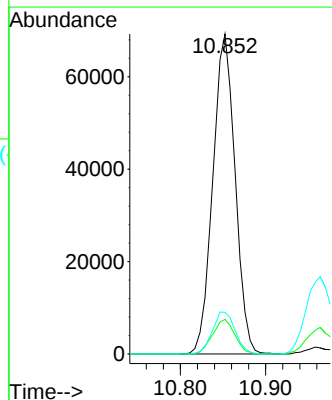
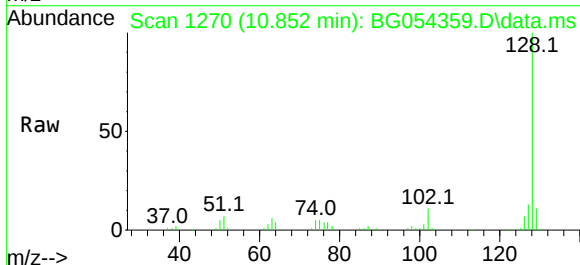
Instrument :
 BNA_G
 ClientSampleId :
 PB146375BS

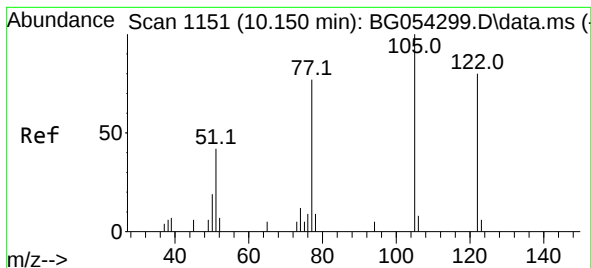
Tgt Ion:180 Resp: 58975
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.6 115.0
 145 25.8 25.0 37.4



#31
 Naphthalene
 Concen: 7283.088 ng
 RT: 10.852 min Scan# 1270
 Delta R.T. -0.009 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

Tgt Ion:128 Resp: 125765
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.6
 127 13.0 11.1 16.7





#32

Benzoic acid

Concen: 680.850 ng

RT: 9.912 min Scan# 1151

Delta R.T. -0.238 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

Instrument :

BNA_G

ClientSampleId :

PB146375BS

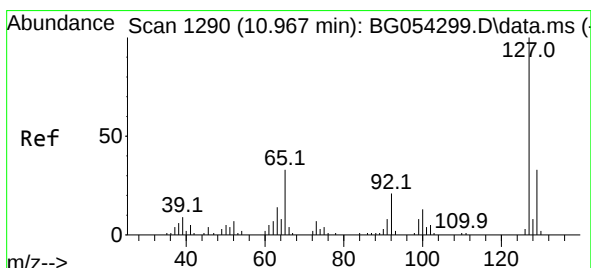
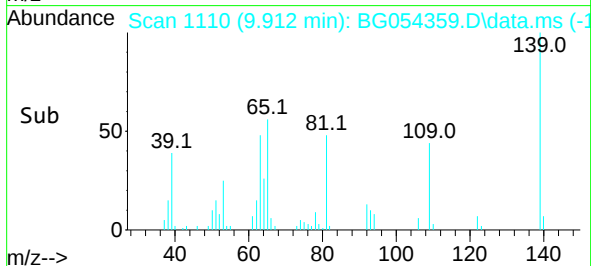
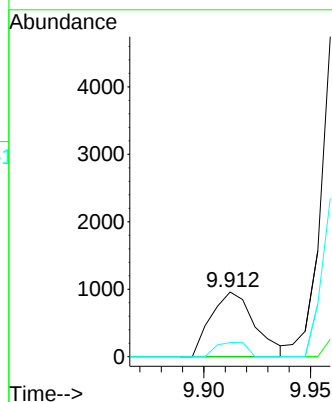
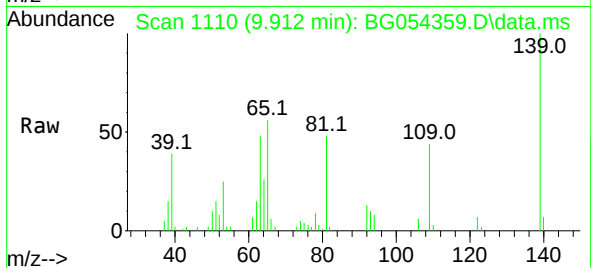
Tgt Ion:122 Resp: 1367

Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 21.7 109.4 149.4#



#33

4-Chloroaniline

Concen: 2407.054 ng

RT: 10.846 min Scan# 1269

Delta R.T. -0.120 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

Tgt Ion:127 Resp: 16903

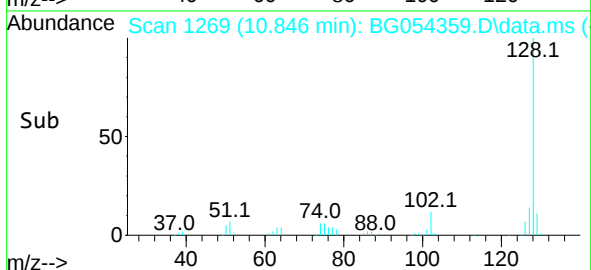
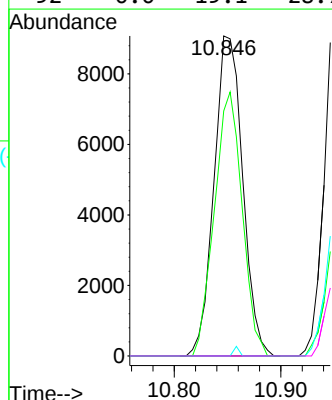
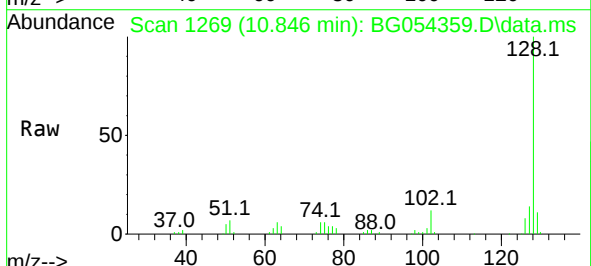
Ion Ratio Lower Upper

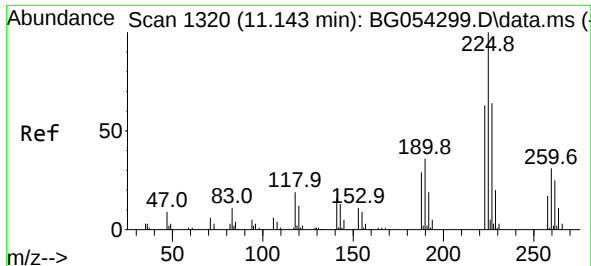
127 100

129 76.5 26.3 39.5#

65 0.0 31.1 46.7#

92 0.0 19.1 28.7#

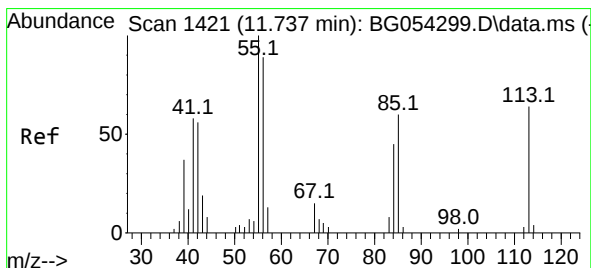
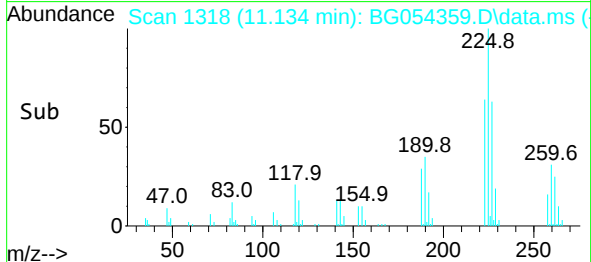
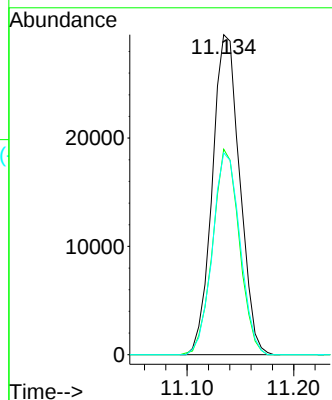
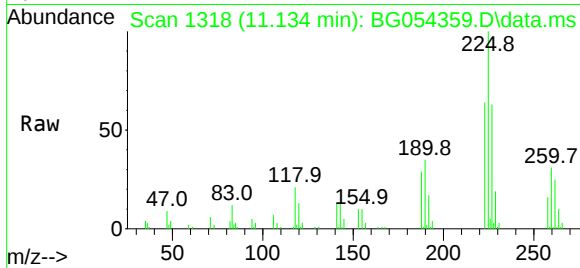




#34
Hexachlorobutadiene
Concen: 7424.837 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

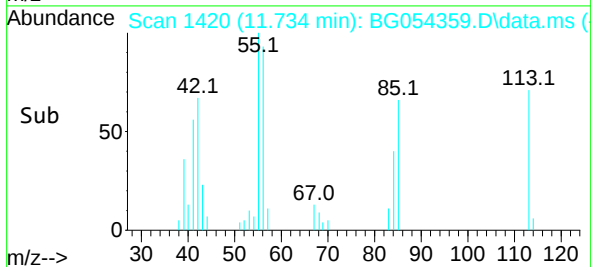
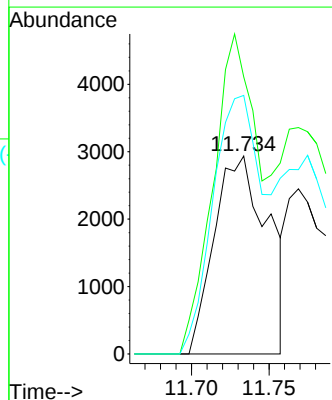
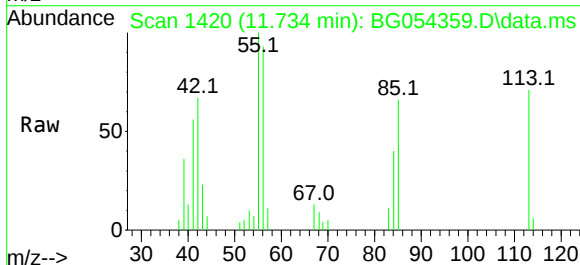
Instrument :
BNA_G
ClientSampleId :
PB146375BS

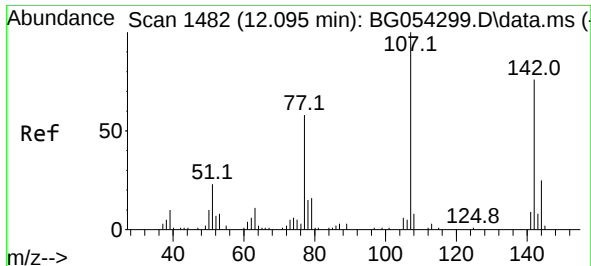
Tgt Ion:225 Resp: 52730
Ion Ratio Lower Upper
225 100
223 64.2 48.9 73.3
227 63.0 52.8 79.2



#35
Caprolactam
Concen: 4307.847 ng
RT: 11.734 min Scan# 1420
Delta R.T. -0.003 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:113 Resp: 7038
Ion Ratio Lower Upper
113 100
55 140.0 169.8 209.8#
56 130.7 141.2 181.2#





#36

4-Chloro-3-methylphenol

Concen: 7696.724 ng

RT: 12.098 min Scan# 1482

Delta R.T. 0.003 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

Instrument :

BNA_G

ClientSampleId :

PB146375BS

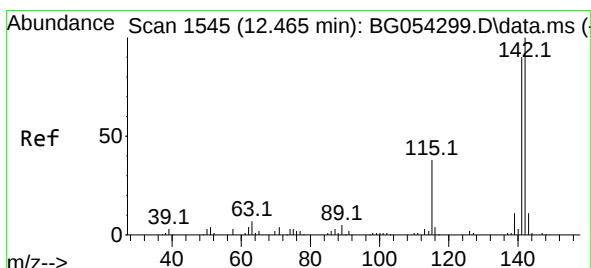
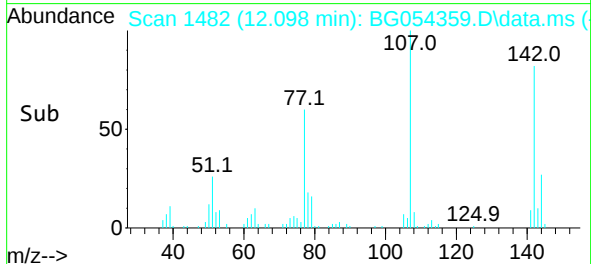
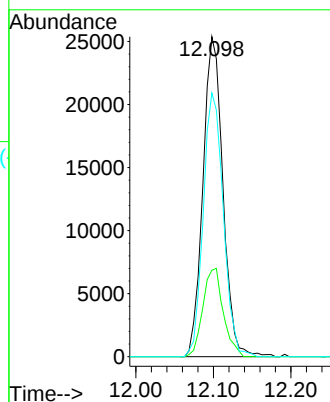
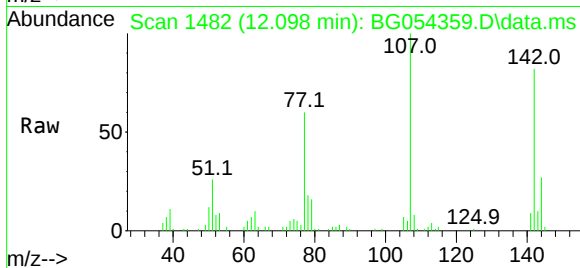
Tgt Ion:107 Resp: 45433

Ion Ratio Lower Upper

107 100

144 27.0 18.5 27.7

142 82.4 55.0 82.4



#37

2-Methylnaphthalene

Concen: 7131.914 ng

RT: 12.456 min Scan# 1543

Delta R.T. -0.009 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

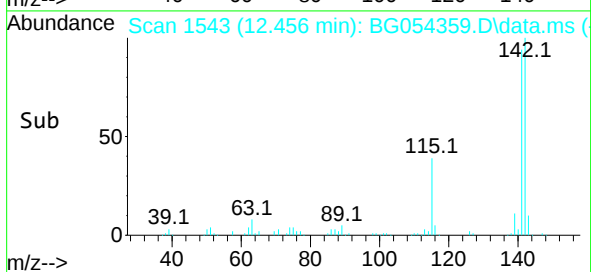
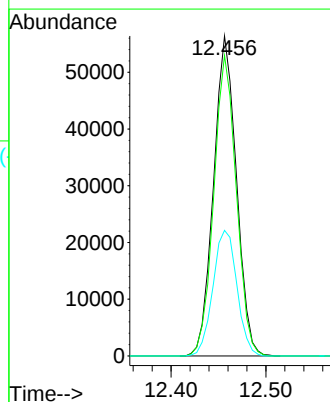
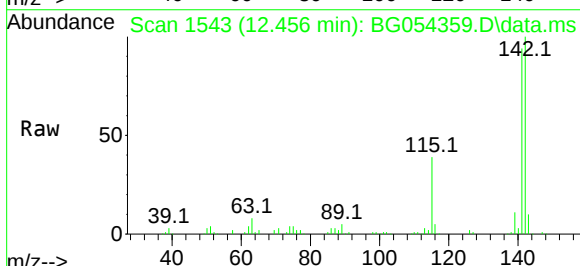
Tgt Ion:142 Resp: 94575

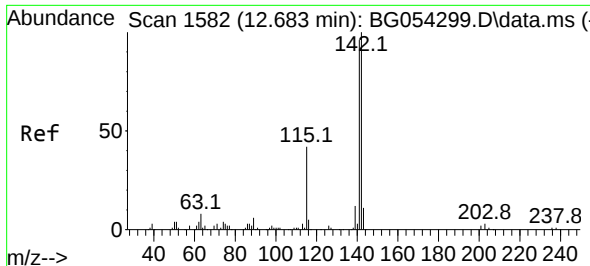
Ion Ratio Lower Upper

142 100

141 93.9 72.3 108.5

115 39.3 33.7 50.5

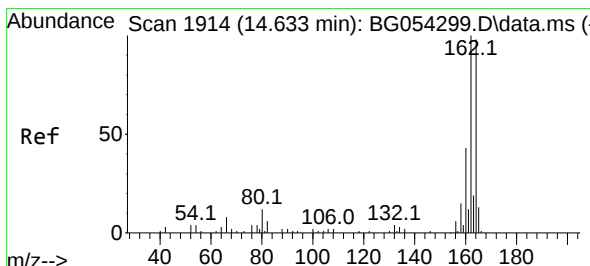
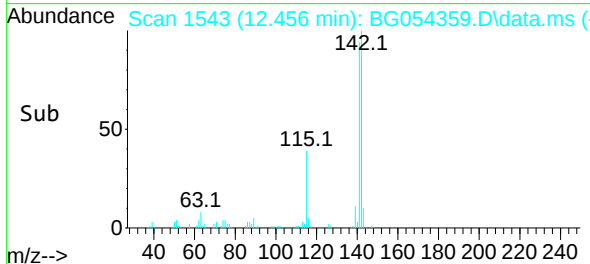
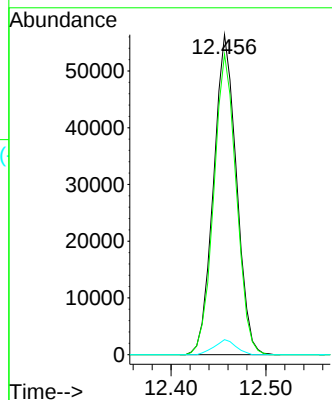
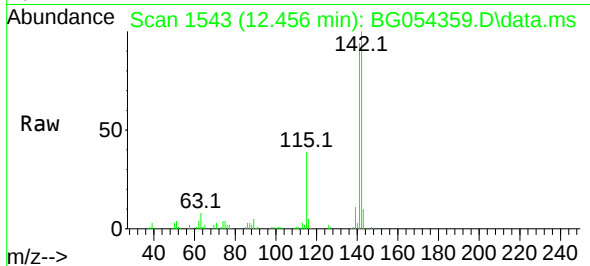




#38
1-Methylnaphthalene
Concen: 7319.197 ng
RT: 12.456 min Scan# 11
Delta R.T. -0.226 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

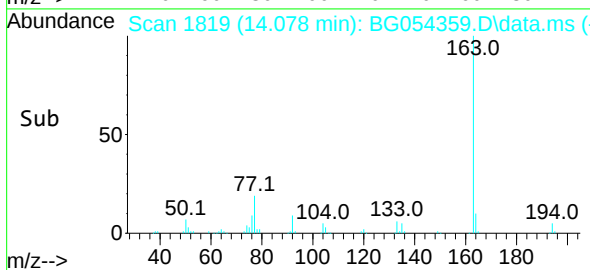
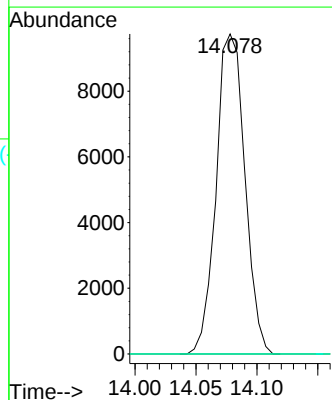
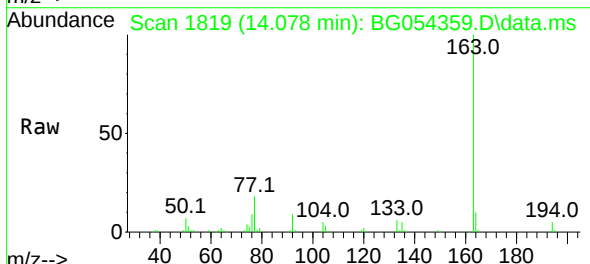
Instrument :
BNA_G
ClientSampleId :
PB146375BS

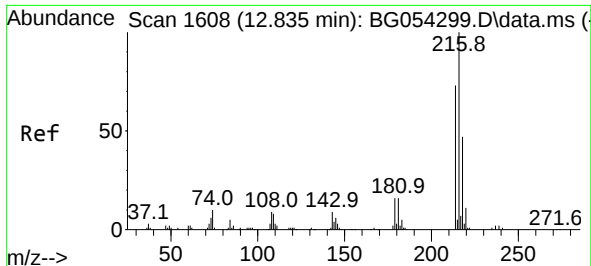
Tgt Ion:142 Resp: 94575
Ion Ratio Lower Upper
142 100
141 93.9 76.4 114.6
116 4.7 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1819
Delta R.T. -0.555 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:164 Resp: 15965
Ion Ratio Lower Upper
164 100
162 0.0 82.3 123.5#
160 0.0 34.2 51.2#

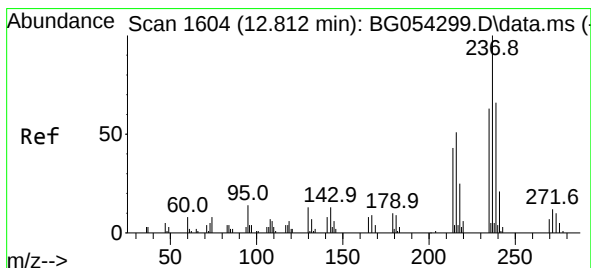
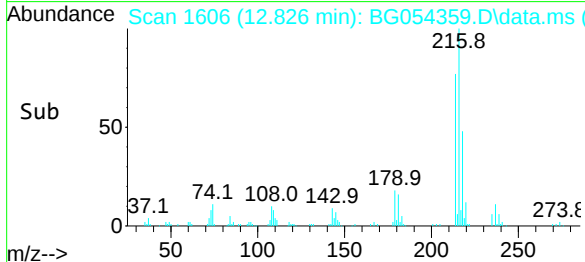
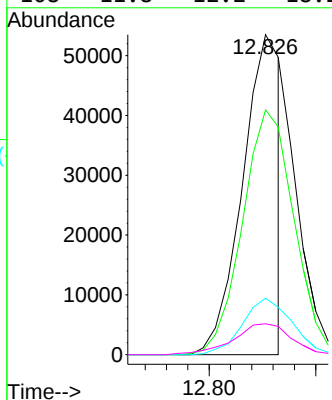
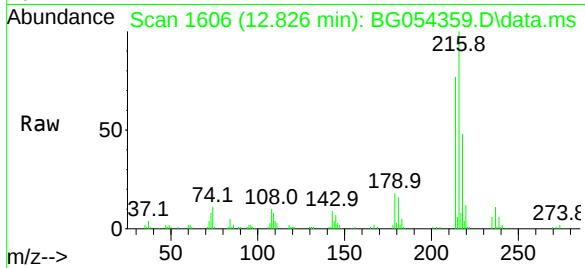




#40
1,2,4,5-Tetrachlorobenzene
Concen: 96.297 ng
RT: 12.826 min Scan# 1606
Delta R.T. -0.009 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

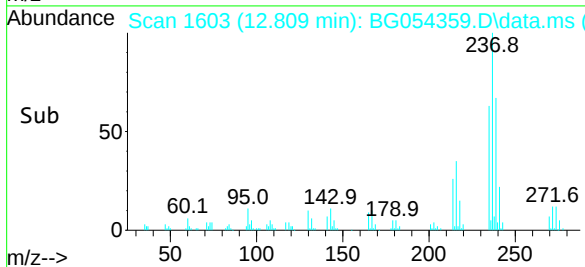
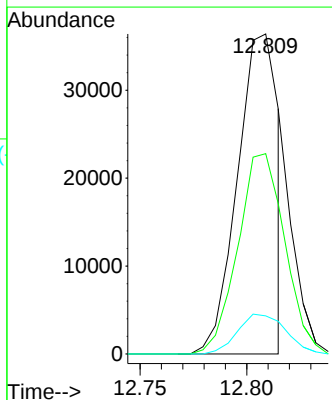
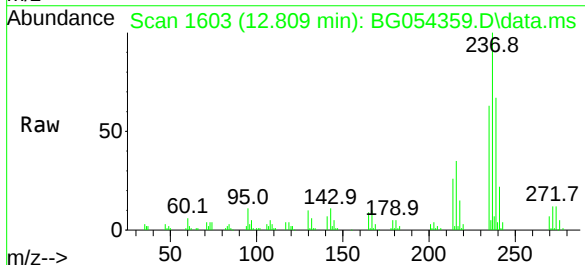
Instrument :
BNA_G
ClientSampleId :
PB146375BS

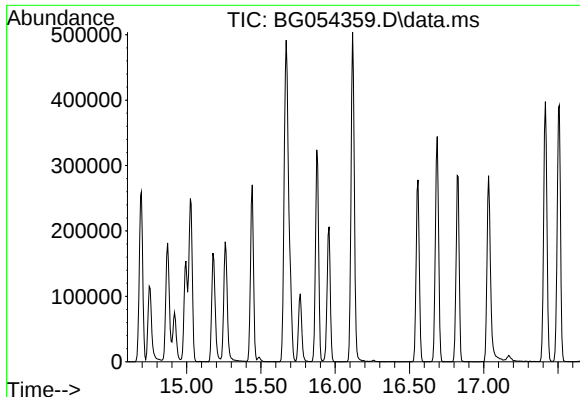
Tgt Ion:216 Resp: 67355
Ion Ratio Lower Upper
216 100
214 76.6 62.9 94.3
179 17.1 16.1 24.1
108 11.8 12.2 18.2#



#41
Hexachlorocyclopentadiene
Concen: 200.697 ng
RT: 12.809 min Scan# 1603
Delta R.T. -0.003 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:237 Resp: 48848
Ion Ratio Lower Upper
237 100
235 62.6 43.5 83.5
272 11.9 0.0 30.1

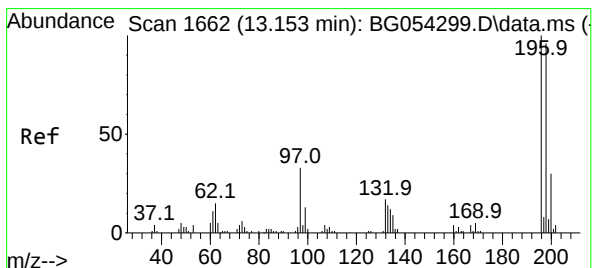
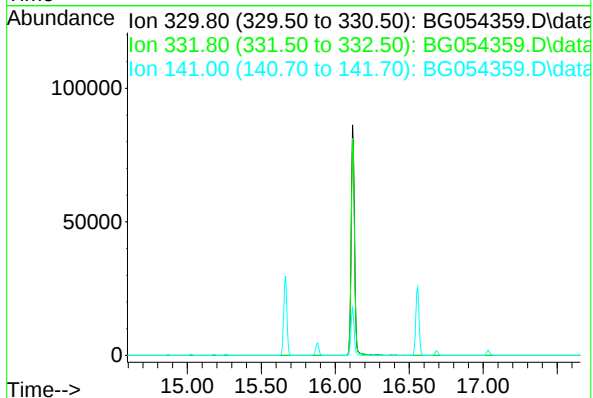




#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.13 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

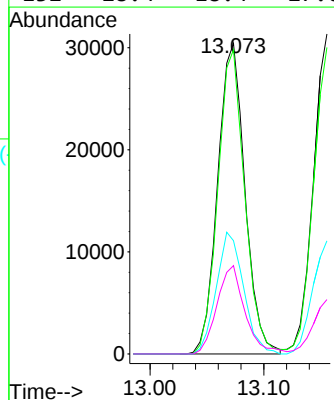
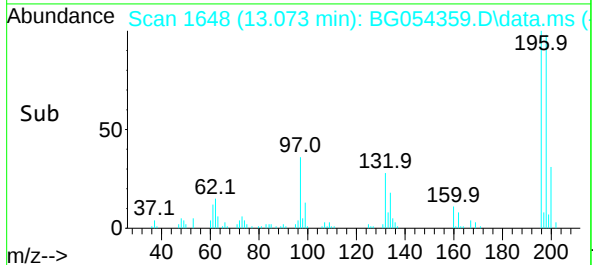
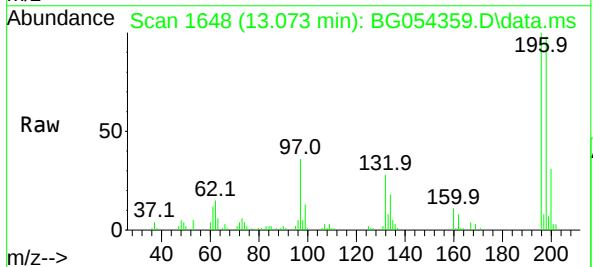
Instrument :
BNA_G
ClientSampleId :
PB146375BS

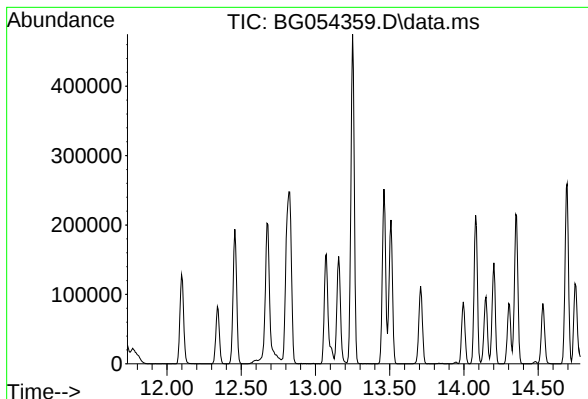
Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.0
141 33.9



#44
2,4,5-Trichlorophenol
Concen: 117.828 ng
RT: 13.073 min Scan# 1648
Delta R.T. -0.079 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:196 Resp: 50703
Ion Ratio Lower Upper
196 100
198 97.9 76.8 115.2
97 36.4 39.8 59.6#
132 28.4 18.4 27.6#

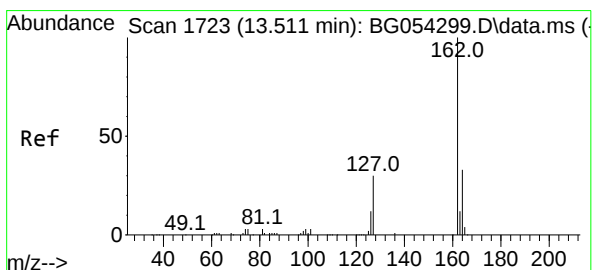
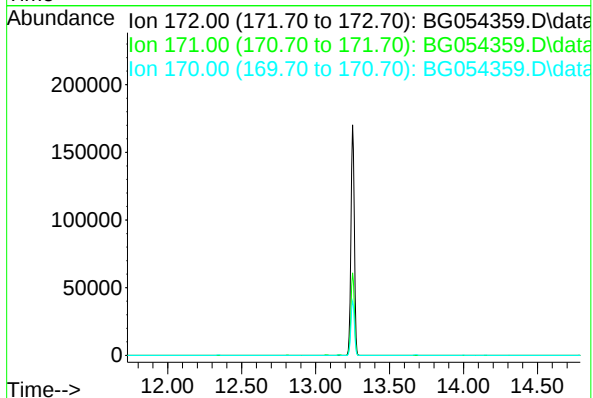




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.26 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

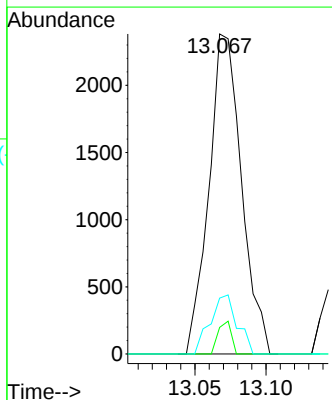
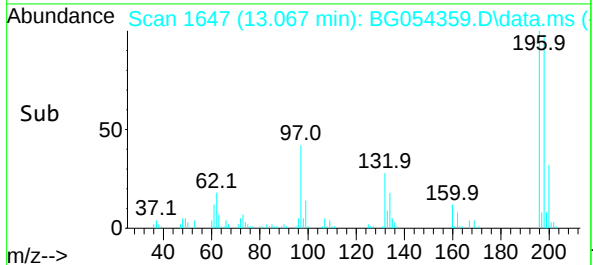
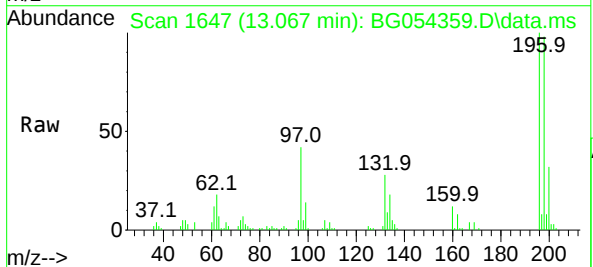
Instrument :
 BNA_G
 ClientSampleId :
 PB146375BS

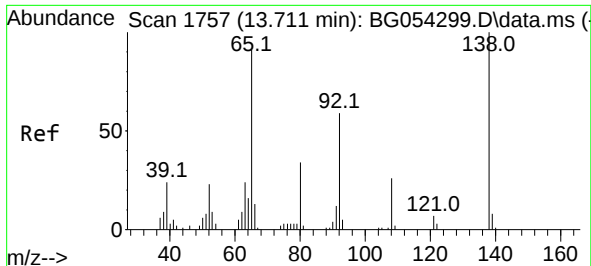
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.6
 170 23.6



#47
 2-Chloronaphthalene
 Concen: 4.157 ng
 RT: 13.067 min Scan# 1647
 Delta R.T. -0.444 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

Tgt Ion: 162 Resp: 3800
 Ion Ratio Lower Upper
 162 100
 127 8.3 30.6 45.8#
 164 17.5 26.5 39.7#

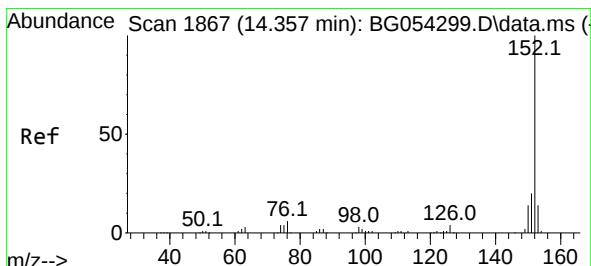
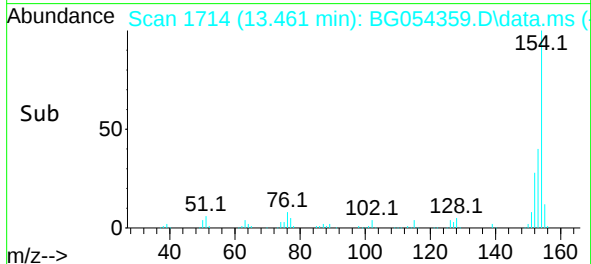
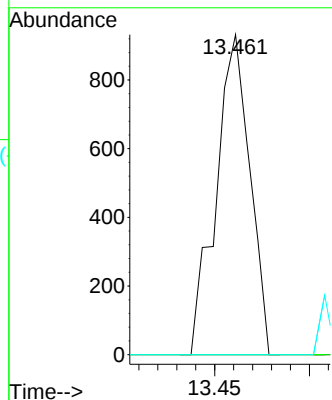
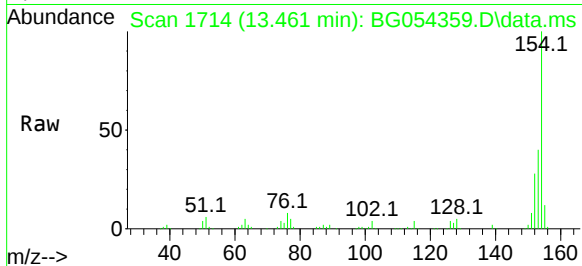




#48
2-Nitroaniline
Concen: 4.863 ng
RT: 13.461 min Scan# 1714
Delta R.T. -0.250 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

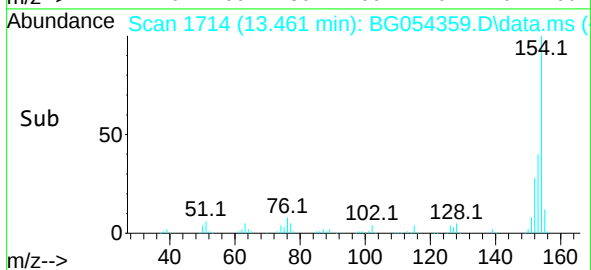
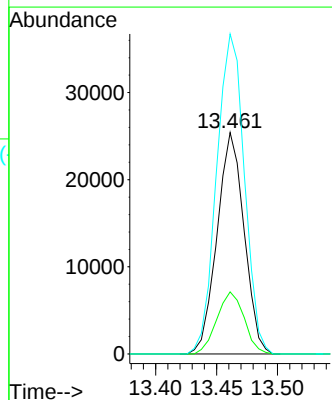
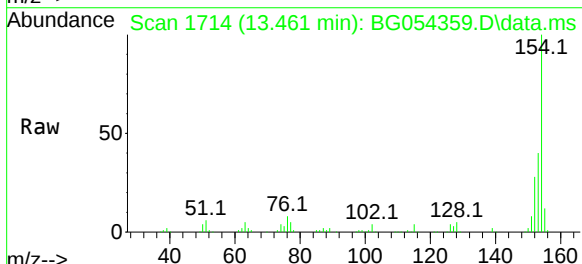
Instrument :
BNA_G
ClientSampleId :
PB146375BS

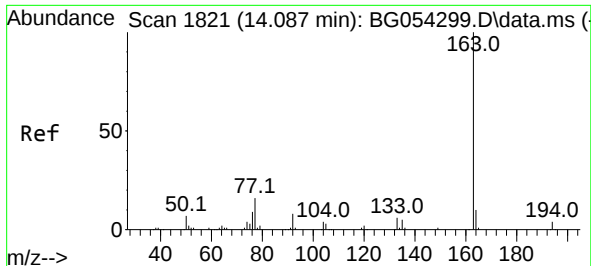
Tgt Ion: 65 Resp: 1160
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#49
Acenaphthylene
Concen: 28.855 ng
RT: 13.461 min Scan# 1714
Delta R.T. -0.896 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion: 152 Resp: 39191
Ion Ratio Lower Upper
152 100
151 28.1 16.4 24.6#
153 144.6 10.8 16.2#

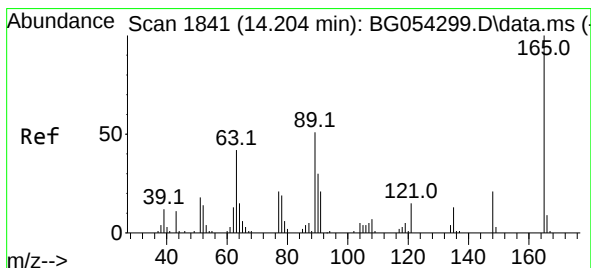
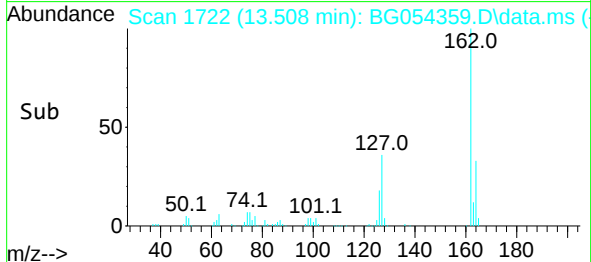
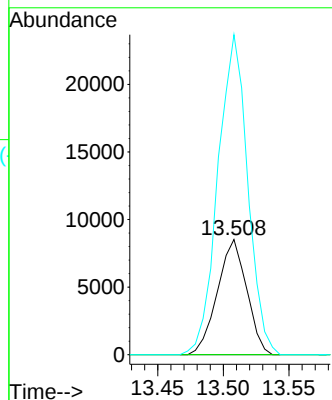
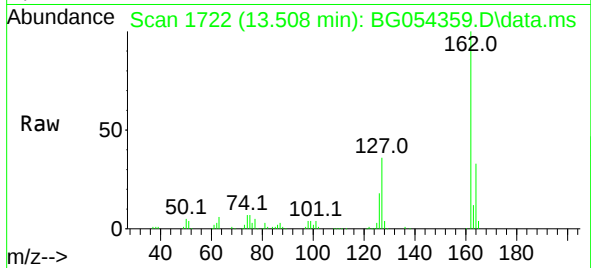




#50
Dimethylphthalate
Concen: 10.628 ng
RT: 13.508 min Scan# 1722
Delta R.T. -0.579 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

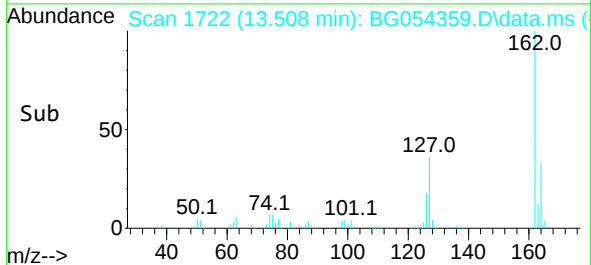
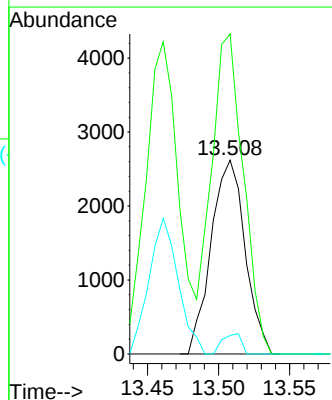
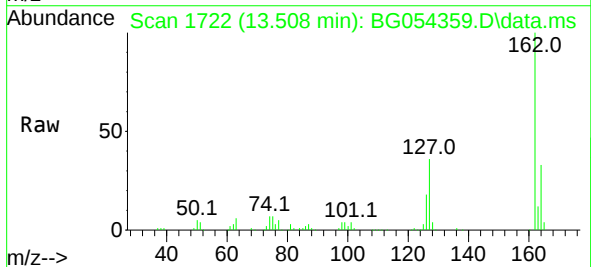
Instrument :
BNA_G
ClientSampleId :
PB146375BS

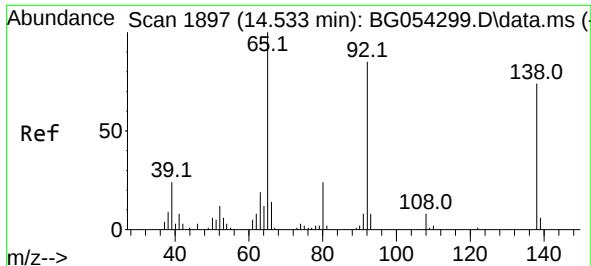
Tgt Ion:163 Resp: 13254
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 277.8 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 15.918 ng
RT: 13.508 min Scan# 1722
Delta R.T. -0.696 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

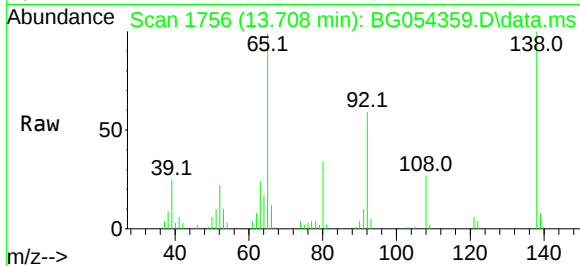
Tgt Ion:165 Resp: 4354
Ion Ratio Lower Upper
165 100
63 165.1 54.1 81.1#
89 9.5 54.8 82.2#



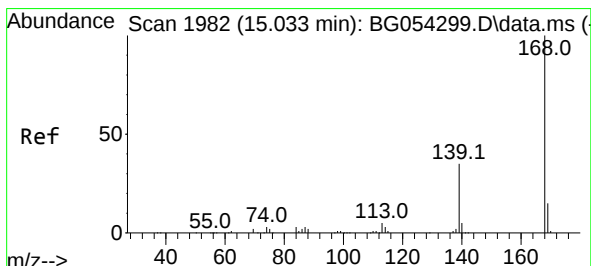
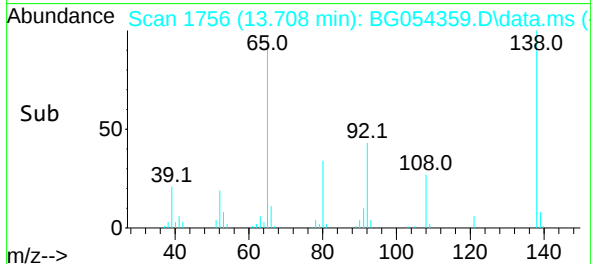
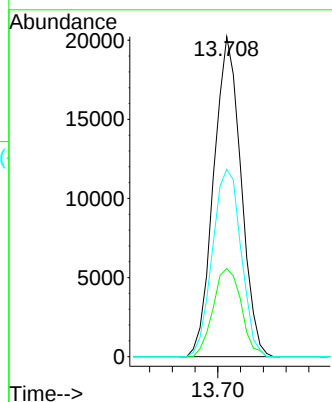


#53
3-Nitroaniline
Concen: 147.444 ng
RT: 13.708 min Scan# 11
Delta R.T. -0.826 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Instrument :
BNA_G
ClientSampleId :
PB146375BS

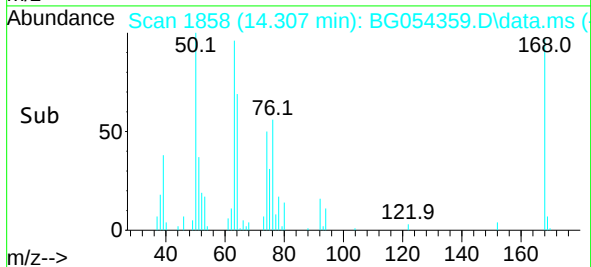
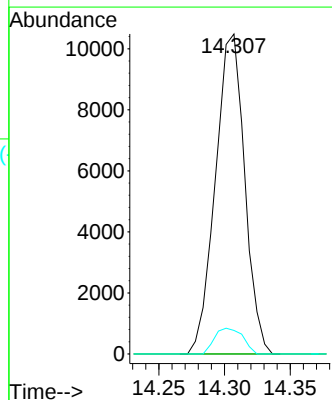
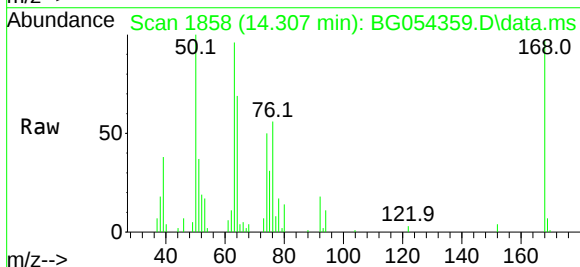


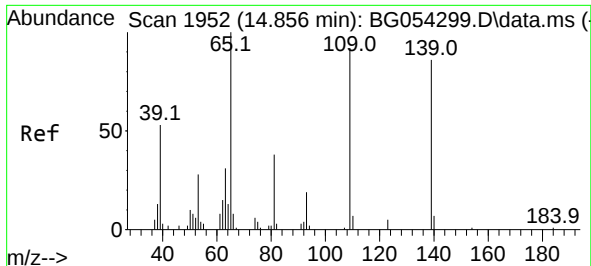
Tgt Ion:138 Resp: 33729
Ion Ratio Lower Upper
138 100
108 27.5 9.2 13.8#
92 58.5 101.9 152.9#



#55
Dibenzofuran
Concen: 11.114 ng
RT: 14.307 min Scan# 1858
Delta R.T. -0.726 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:168 Resp: 16264
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 7.4 10.3 15.5#

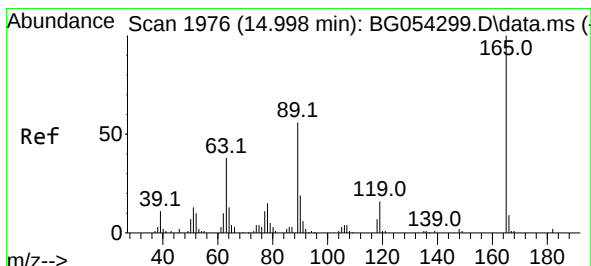
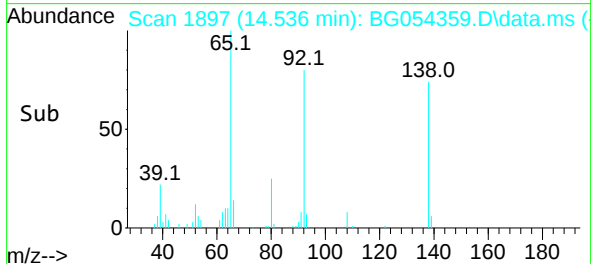
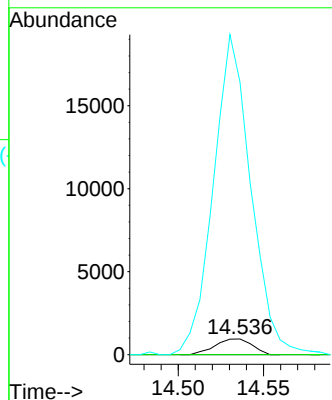
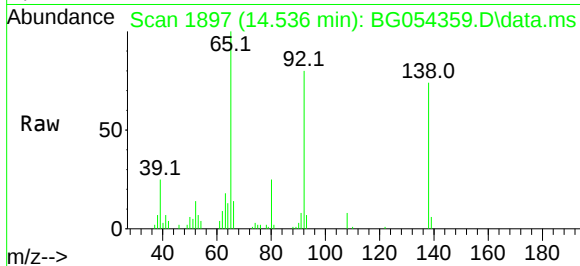




#56
4-Nitrophenol
Concen: 9.435 ng
RT: 14.536 min Scan# 11
Delta R.T. -0.320 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

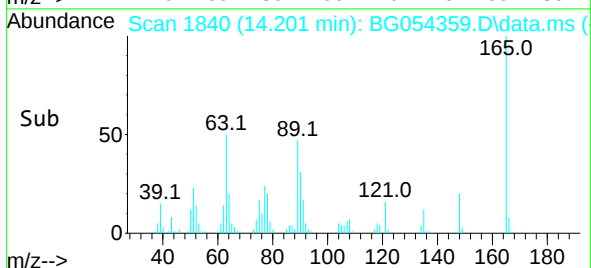
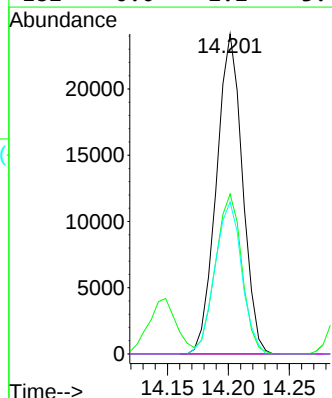
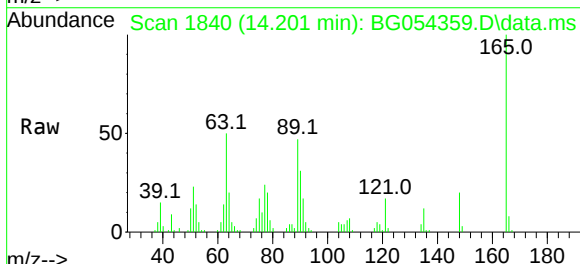
Instrument :
BNA_G
ClientSampleId :
PB146375BS

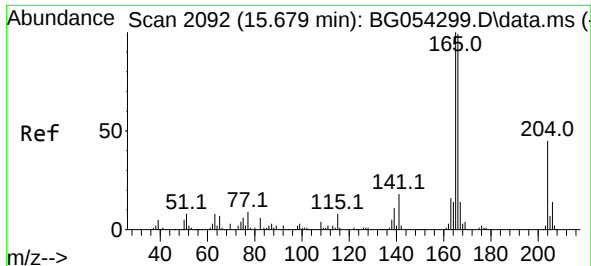
Tgt Ion:139 Resp: 1440
Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 1727.2 93.9 133.9#



#57
2,4-Dinitrotoluene
Concen: 91.540 ng
RT: 14.201 min Scan# 1840
Delta R.T. -0.796 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:165 Resp: 35894
Ion Ratio Lower Upper
165 100
63 50.0 34.6 52.0
89 47.5 60.3 90.5#
182 0.0 2.2 3.4#

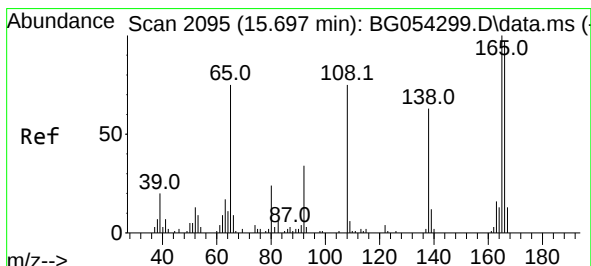
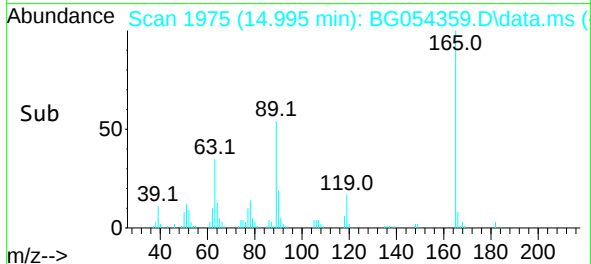
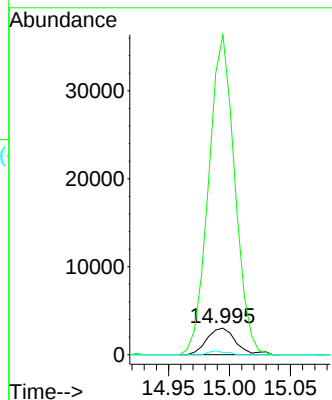
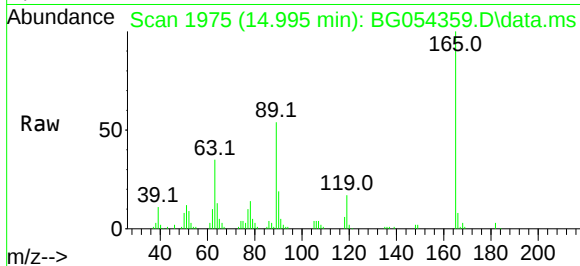




#58
Fluorene
Concen: 4.132 ng
RT: 14.995 min Scan# 1975
Delta R.T. -0.685 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

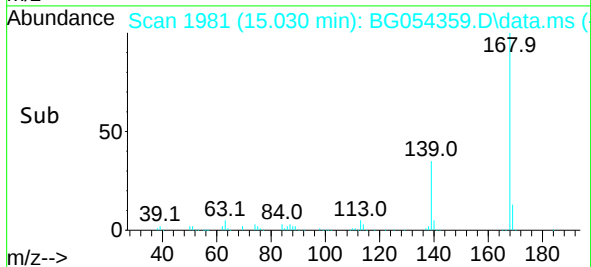
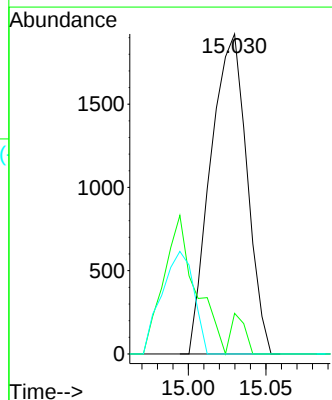
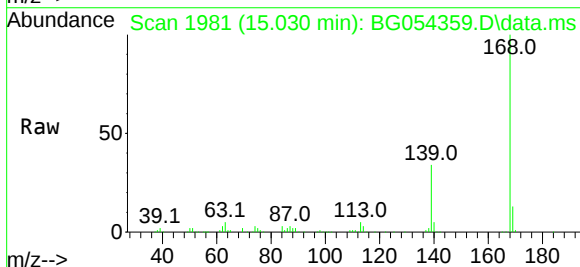
Instrument :
BNA_G
ClientSampleId :
PB146375BS

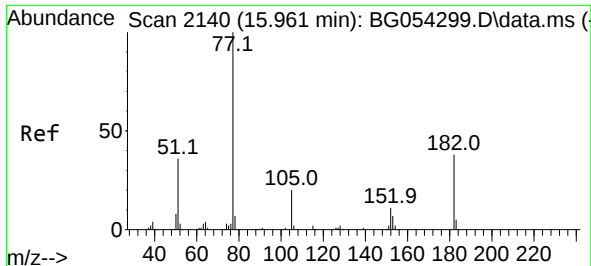
Tgt Ion:166 Resp: 4971
Ion Ratio Lower Upper
166 100
165 1202.2 75.0 112.6#
167 7.6 10.8 16.2#



#62
4-Nitroaniline
Concen: 12.961 ng
RT: 15.030 min Scan# 1981
Delta R.T. -0.667 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:138 Resp: 3115
Ion Ratio Lower Upper
138 100
92 12.7 40.5 80.5#
108 0.0 103.7 143.7#

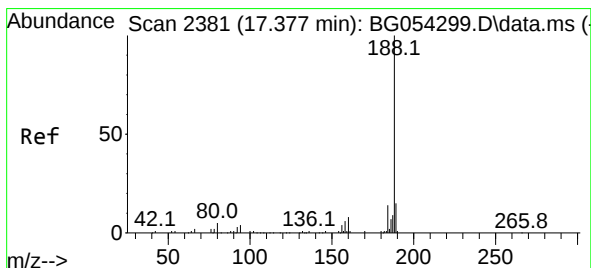
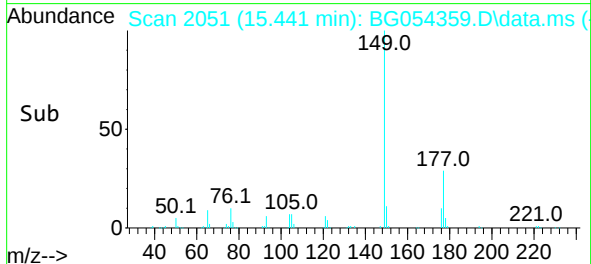
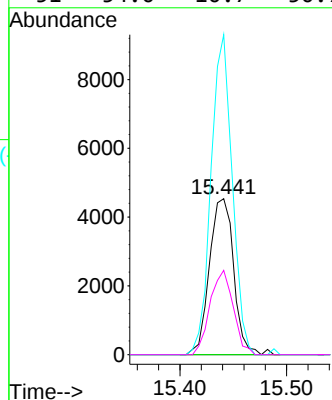
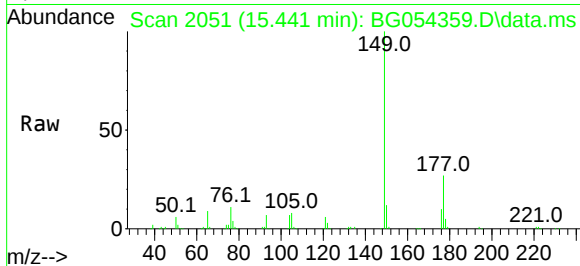




#63
Azobenzene
Concen: 8.304 ng
RT: 15.441 min Scan# 20
Delta R.T. -0.520 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

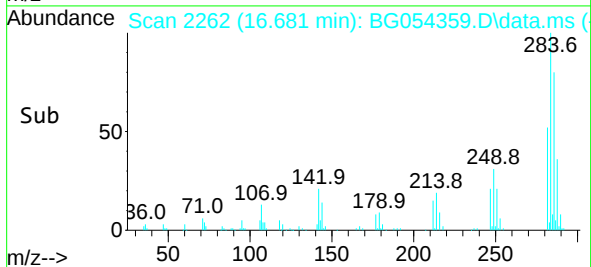
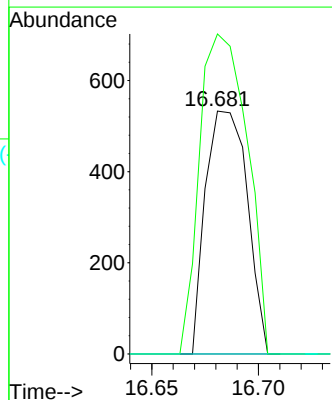
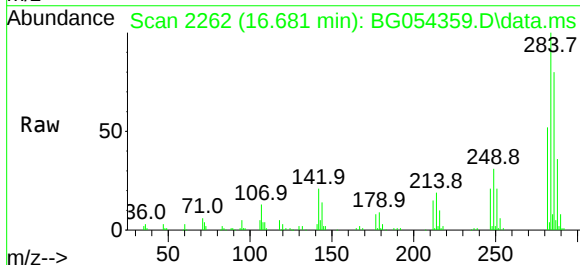
Instrument :
BNA_G
ClientSampleId :
PB146375BS

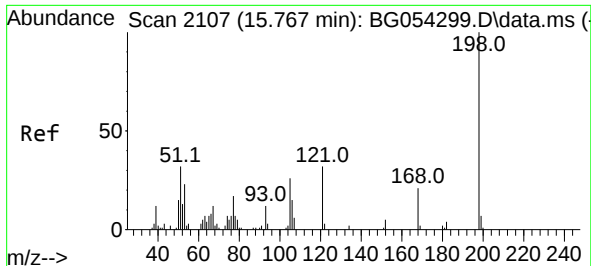
Tgt Ion: 77 Resp: 7178
Ion Ratio Lower Upper
77 100
182 0.0 3.8 43.8#
105 205.1 0.0 37.8#
51 54.0 10.7 50.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.681 min Scan# 2262
Delta R.T. -0.696 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion: 188 Resp: 725
Ion Ratio Lower Upper
188 100
94 131.7 5.4 8.0#
80 0.0 6.8 10.2#

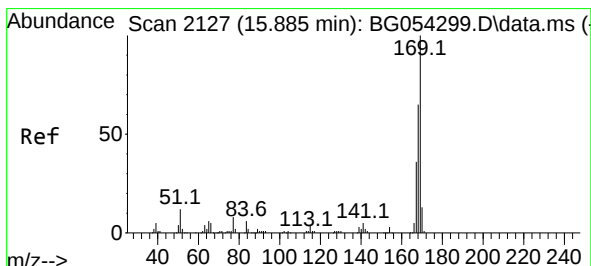
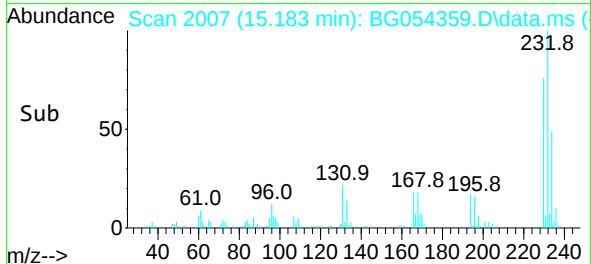
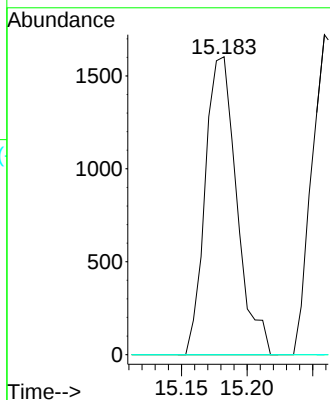
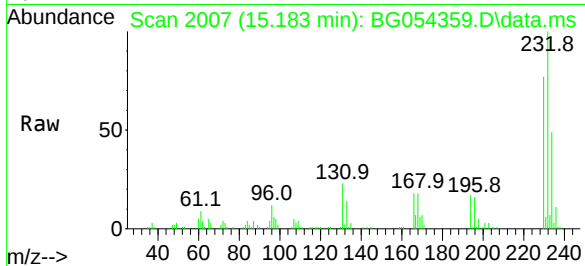




#65
4,6-Dinitro-2-methylphenol
Concen: 598.780 ng
RT: 15.183 min Scan# 20
Delta R.T. -0.585 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

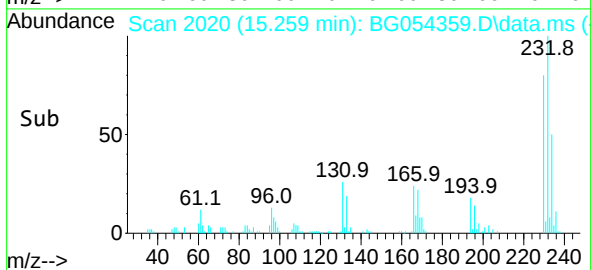
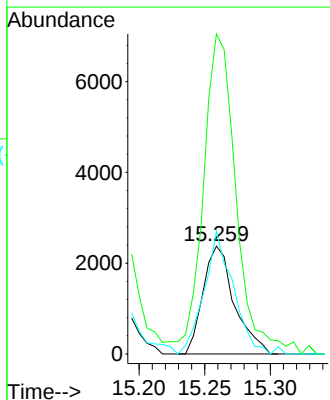
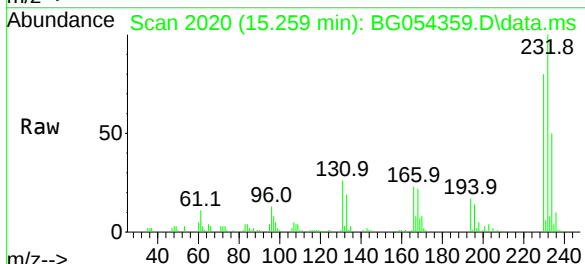
Instrument :
BNA_G
ClientSampleId :
PB146375BS

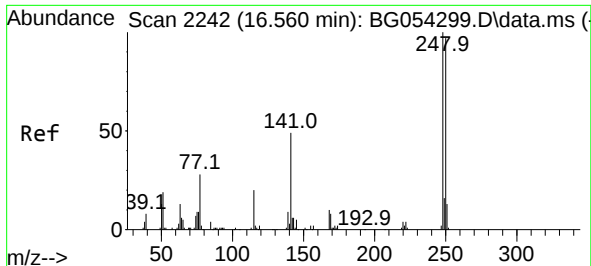
Tgt Ion:198 Resp: 2682
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 0.0 20.3 60.3#



#66
n-Nitrosodiphenylamine
Concen: 217.889 ng
RT: 15.259 min Scan# 2020
Delta R.T. -0.626 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:169 Resp: 3944
Ion Ratio Lower Upper
169 100
168 296.8 55.9 83.9#
167 113.8 30.6 46.0#

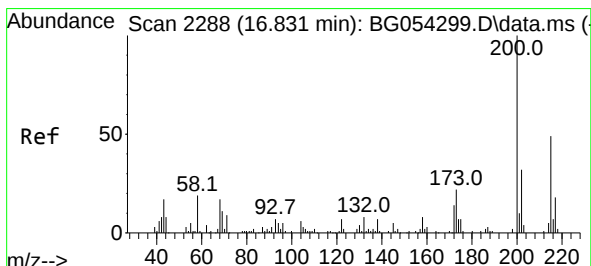
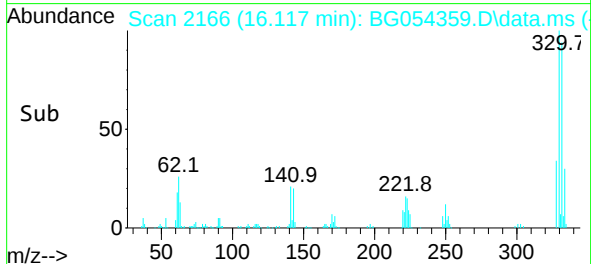
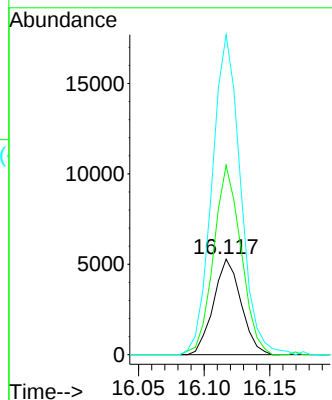
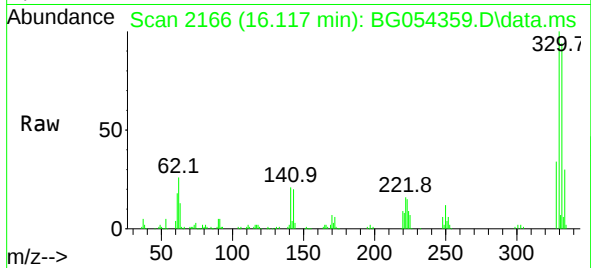




#67
4-Bromophenyl-phenylether
Concen: 759.165 ng
RT: 16.117 min Scan# 2106
Delta R.T. -0.444 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

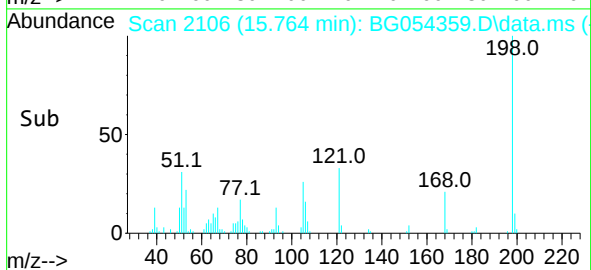
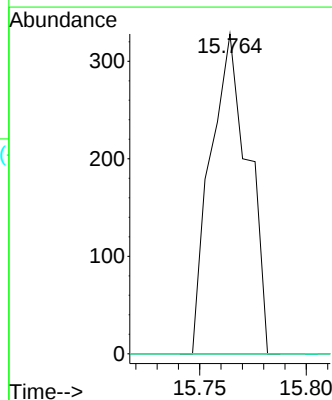
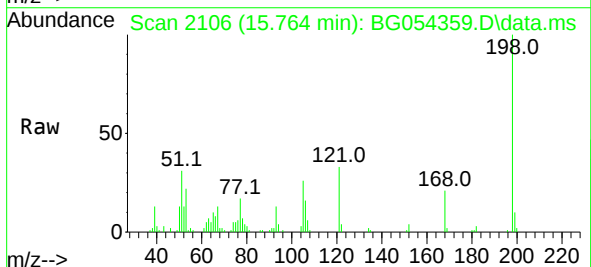
Instrument :
BNA_G
ClientSampleId :
PB146375BS

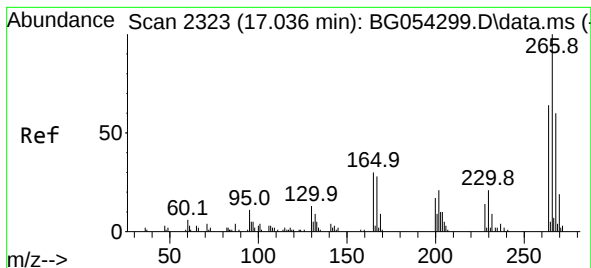
Tgt Ion:248 Resp: 7730
Ion Ratio Lower Upper
248 100
250 198.1 75.2 112.8#
141 334.9 50.0 75.0#



#69
Atrazine
Concen: 50.032 ng
RT: 15.764 min Scan# 2106
Delta R.T. -1.066 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:200 Resp: 403
Ion Ratio Lower Upper
200 100
173 0.0 3.7 43.7#
215 0.0 25.2 65.2#





#70

Pentachlorophenol

Concen: 17.364 ng

RT: 16.346 min Scan# 21

Delta R.T. -0.690 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

Instrument :

BNA_G

ClientSampleId :

PB146375BS

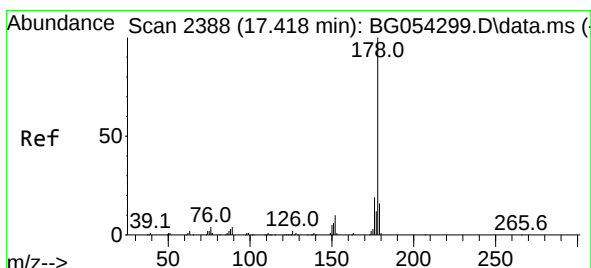
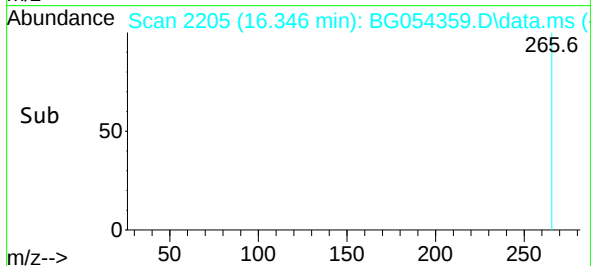
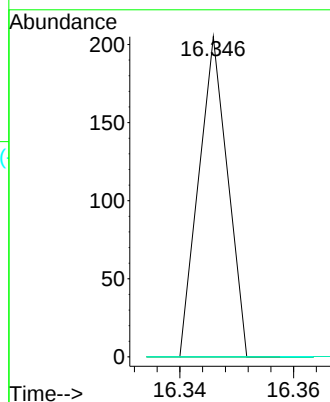
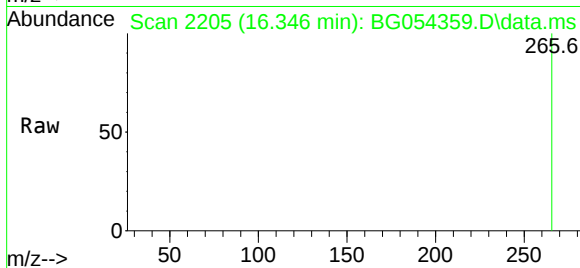
Tgt Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

268 0.0 56.2 84.2#

264 0.0 53.0 79.4#



#71

Phenanthrene

Concen: 17.615 ng

RT: 16.681 min Scan# 2262

Delta R.T. -0.737 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

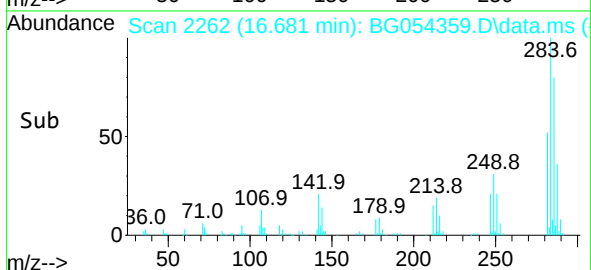
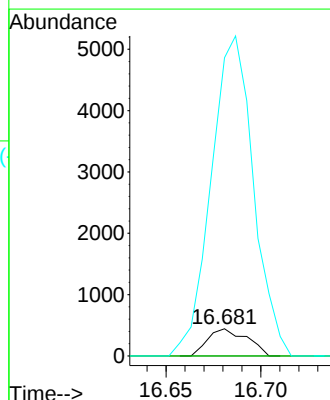
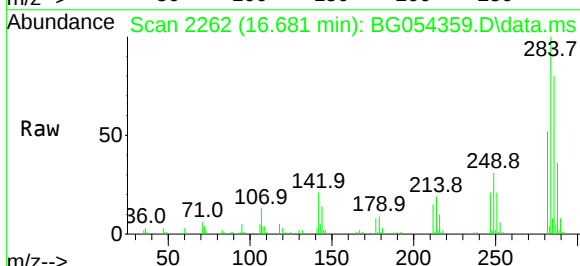
Tgt Ion:178 Resp: 636

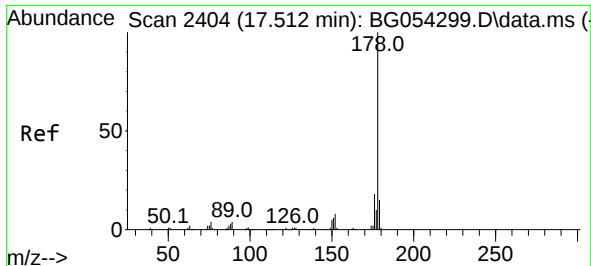
Ion Ratio Lower Upper

178 100

176 0.0 14.1 21.1#

179 1097.5 12.1 18.1#

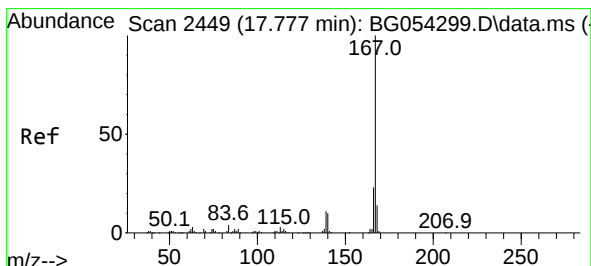
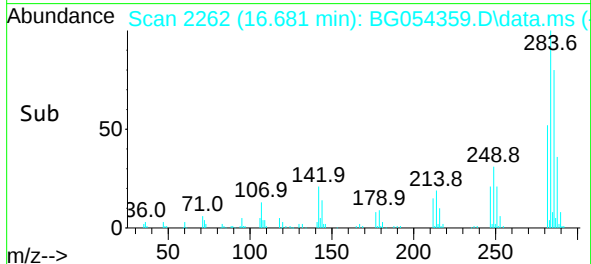
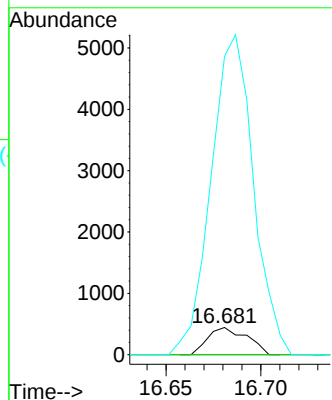
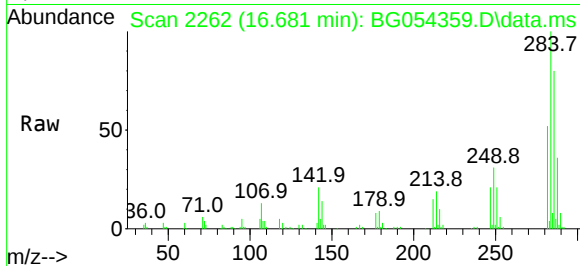




#72
 Anthracene
 Concen: 17.951 ng
 RT: 16.681 min Scan# 21
 Delta R.T. -0.831 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

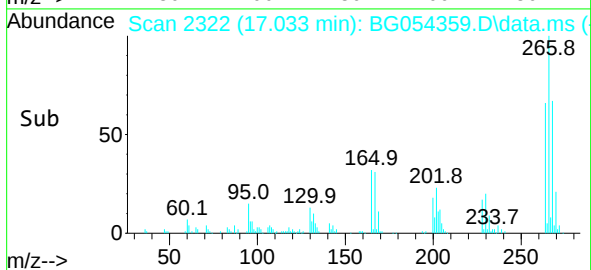
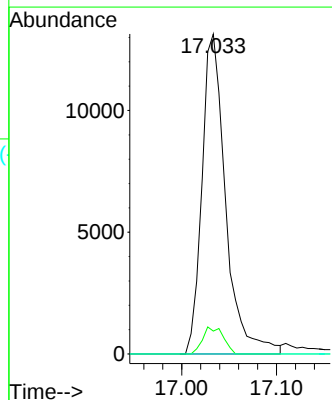
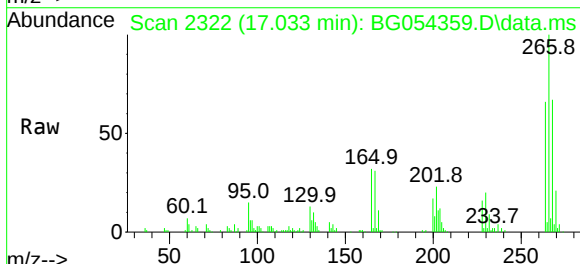
Instrument :
 BNA_G
 ClientSampleId :
 PB146375BS

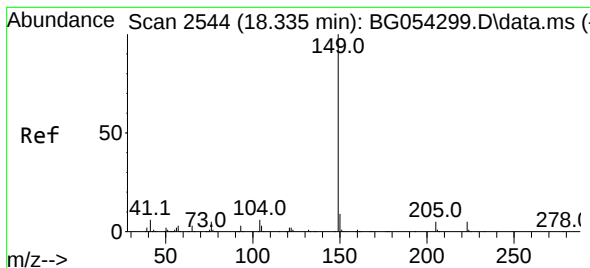
Tgt Ion:178 Resp: 636
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 1097.5 13.0 19.4#



#73
 Carbazole
 Concen: 782.949 ng
 RT: 17.033 min Scan# 2322
 Delta R.T. -0.743 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

Tgt Ion:167 Resp: 22838
 Ion Ratio Lower Upper
 167 100
 166 7.2 18.2 27.2#
 139 0.0 10.1 15.1#





#74

Di-n-butylphthalate

Concen: 67.776 ng

RT: 17.503 min Scan# 24

Delta R.T. -0.831 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

Instrument :

BNA_G

ClientSampleId :

PB146375BS

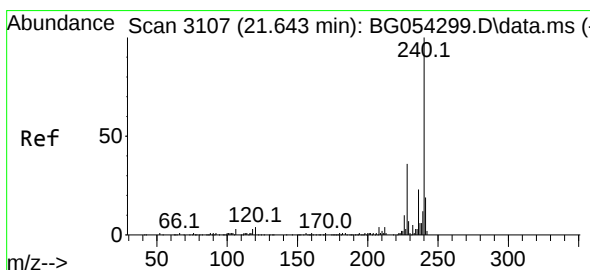
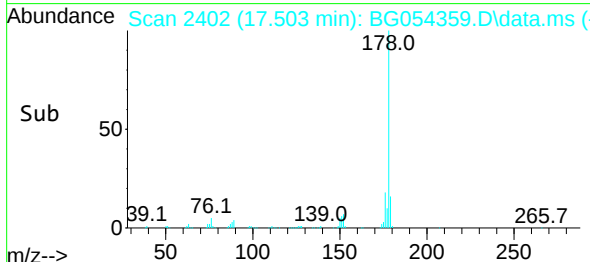
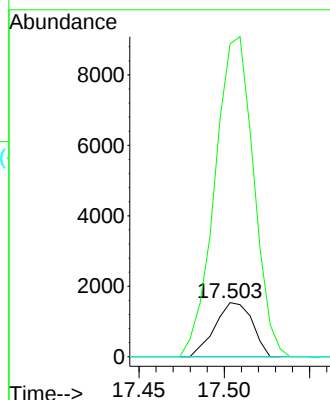
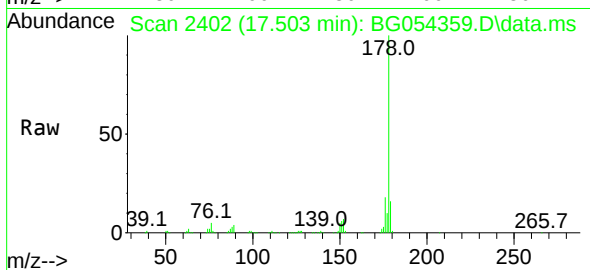
Tgt Ion:149 Resp: 2333

Ion Ratio Lower Upper

149 100

150 579.1 7.7 11.5#

104 0.0 5.4 8.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.729 min Scan# 2951

Delta R.T. -0.914 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

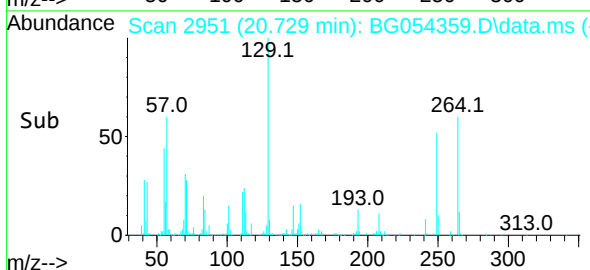
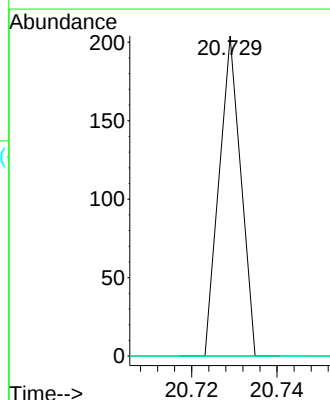
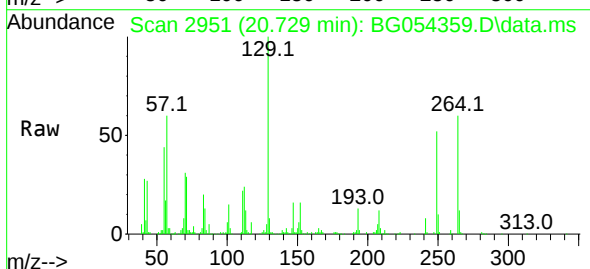
Tgt Ion:240 Resp: 72

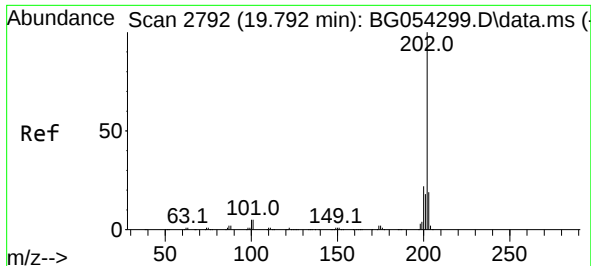
Ion Ratio Lower Upper

240 100

120 0.0 4.6 7.0#

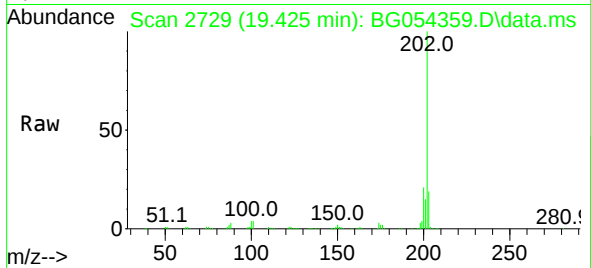
236 0.0 20.2 30.4#



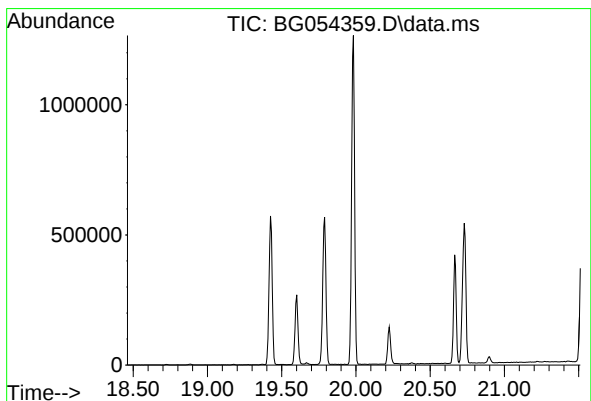
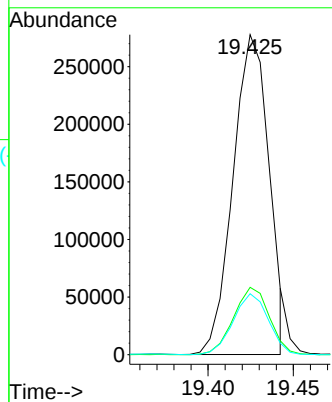
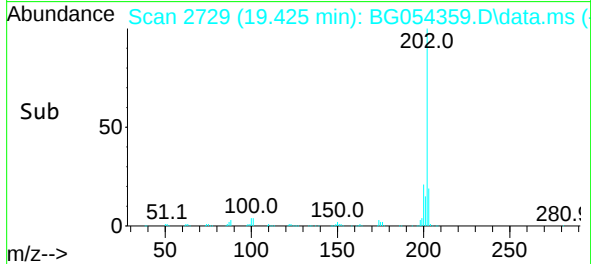


#78
 Pyrene
 Concen: 98563.324 ng
 RT: 19.425 min Scan# 21
 Delta R.T. -0.367 min
 Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB146375BS



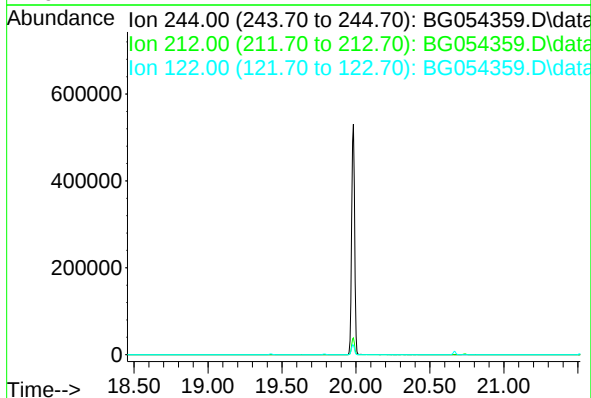
Tgt Ion:202 Resp: 407195
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 19.1 14.6 21.8

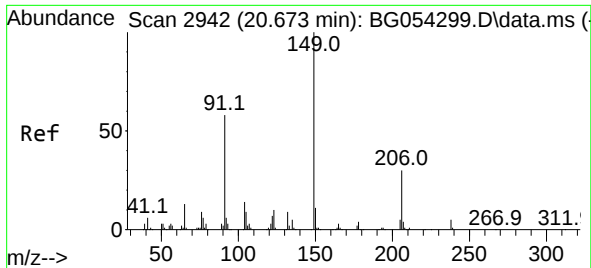


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.99 min

Lab File: BG054359.D
 Acq: 22 Jul 2022 14:22

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 8.1
 122 6.2

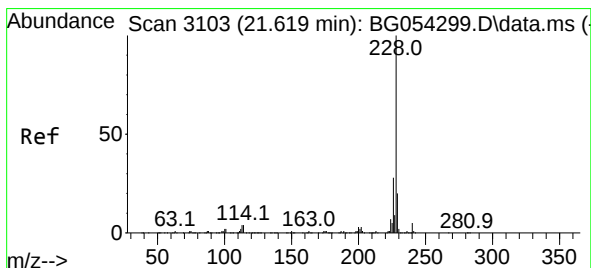
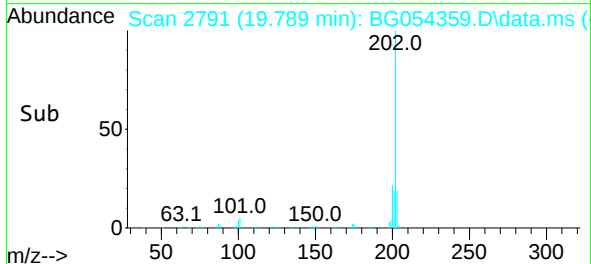
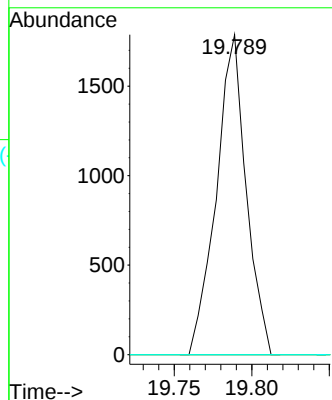
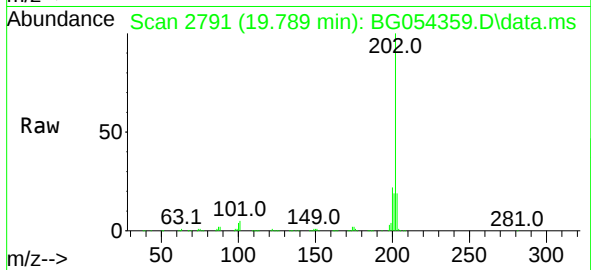




#80
Butylbenzylphthalate
Concen: 1854.838 ng
RT: 19.789 min Scan# 21
Delta R.T. -0.884 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

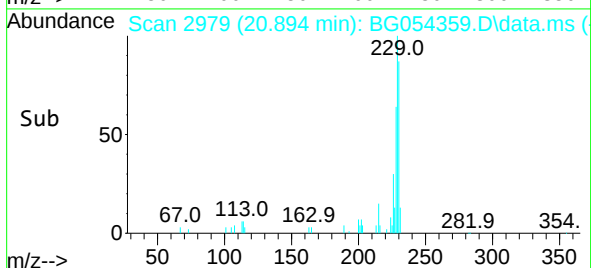
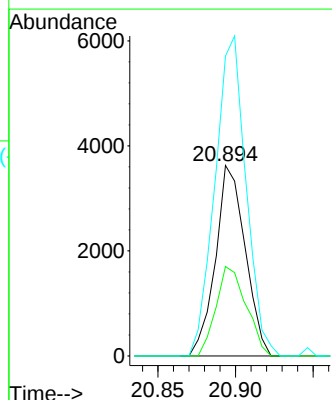
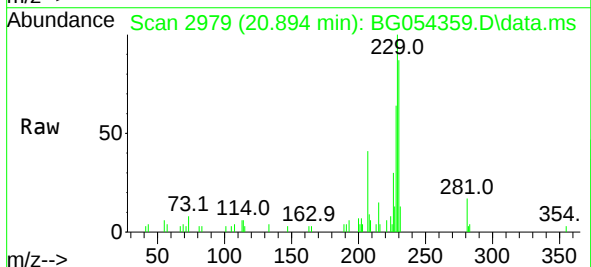
Instrument :
BNA_G
ClientSampleId :
PB146375BS

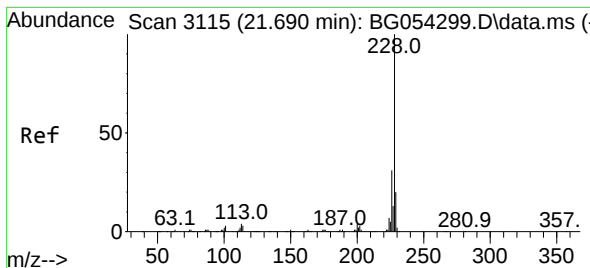
Tgt Ion:149 Resp: 2388
Ion Ratio Lower Upper
149 100
91 0.0 59.6 89.4#
206 0.0 18.6 28.0#



#81
Benzo(a)anthracene
Concen: 1056.776 ng
RT: 20.894 min Scan# 2979
Delta R.T. -0.726 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion:228 Resp: 4830
Ion Ratio Lower Upper
228 100
226 46.9 21.6 32.4#
229 157.4 16.2 24.2#





#83

Chrysene

Concen: 1118.554 ng

RT: 20.894 min Scan# 2979

Delta R.T. -0.796 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

Instrument :

BNA_G

ClientSampleId :

PB146375BS

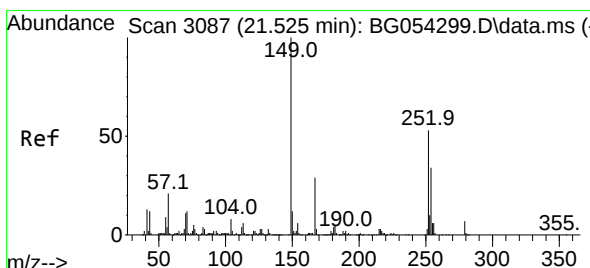
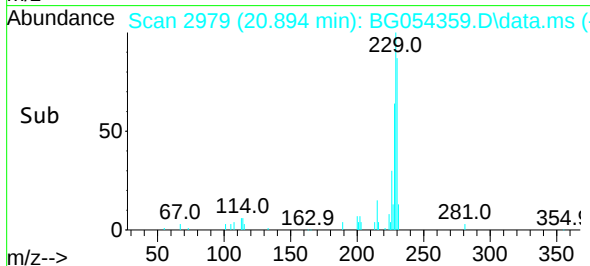
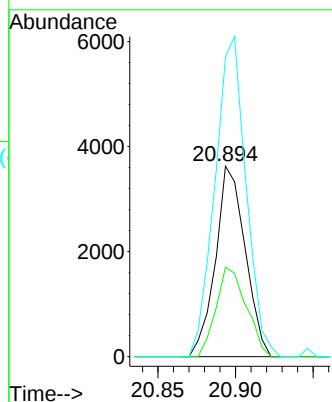
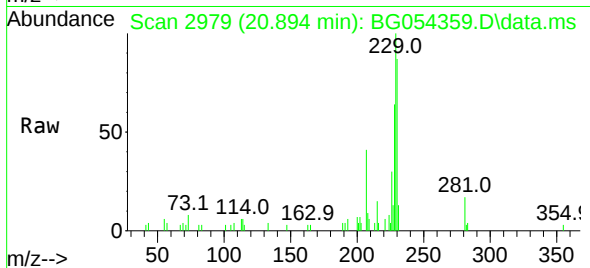
Tgt Ion:228 Resp: 4830

Ion Ratio Lower Upper

228 100

226 46.9 23.4 35.2#

229 157.4 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 71804.920 ng

RT: 20.664 min Scan# 2940

Delta R.T. -0.861 min

Lab File: BG054359.D

Acq: 22 Jul 2022 14:22

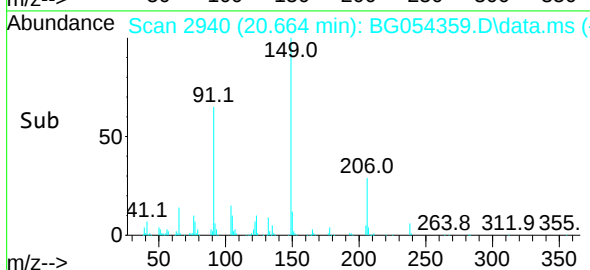
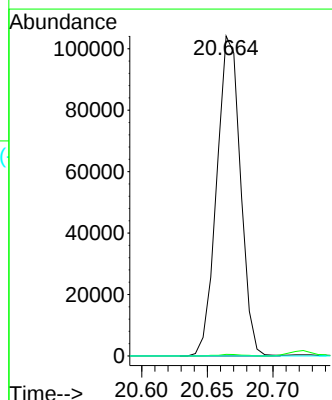
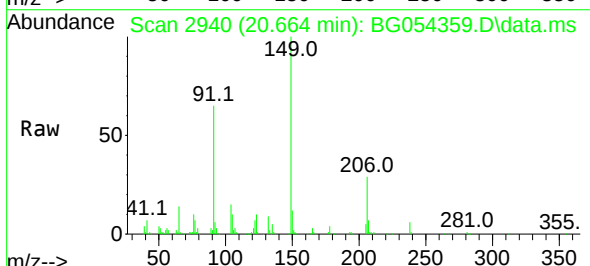
Tgt Ion:149 Resp: 130810

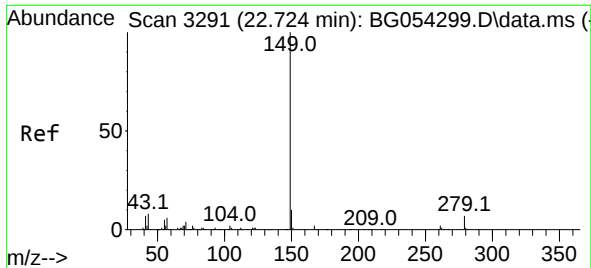
Ion Ratio Lower Upper

149 100

167 0.5 20.2 30.4#

279 0.0 3.6 5.4#

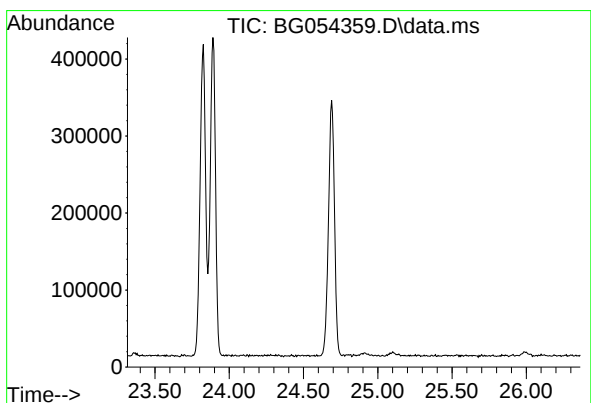
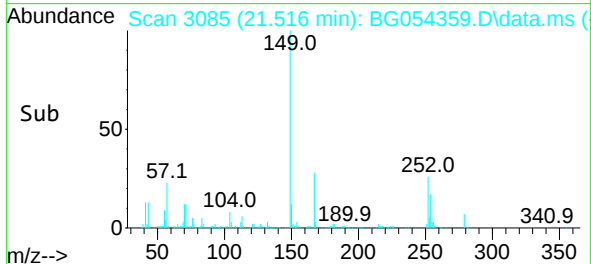
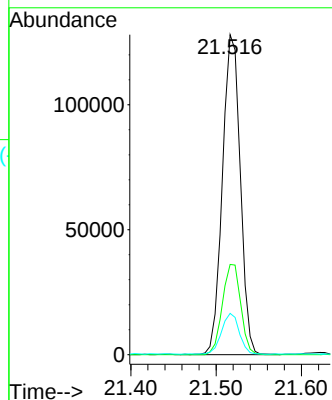
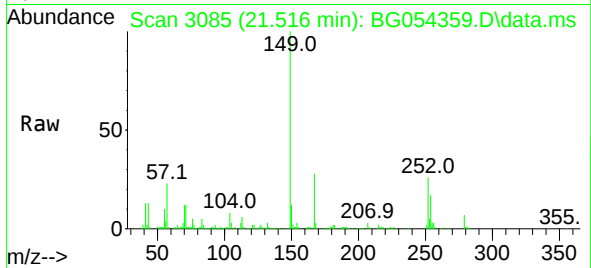




#85
Di-n-octyl phthalate
Concen: 59958.164 ng
RT: 21.516 min Scan# 30
Delta R.T. -1.207 min
Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Instrument :
BNA_G
ClientSampleId :
PB146375BS

Tgt Ion:149 Resp: 186343
Ion Ratio Lower Upper
149 100
167 28.9 1.3 1.9#
43 12.7 9.0 13.4



#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 24.84 min

Lab File: BG054359.D
Acq: 22 Jul 2022 14:22

Tgt Ion: 264
Sig Exp Ratio
264 100
260 23.8
265 21.8

