

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055863.D
 Acq On : 1 Dec 2022 20:03
 Operator : CG/JU
 Sample : N5819-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1

Quant Time: Dec 02 04:11:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

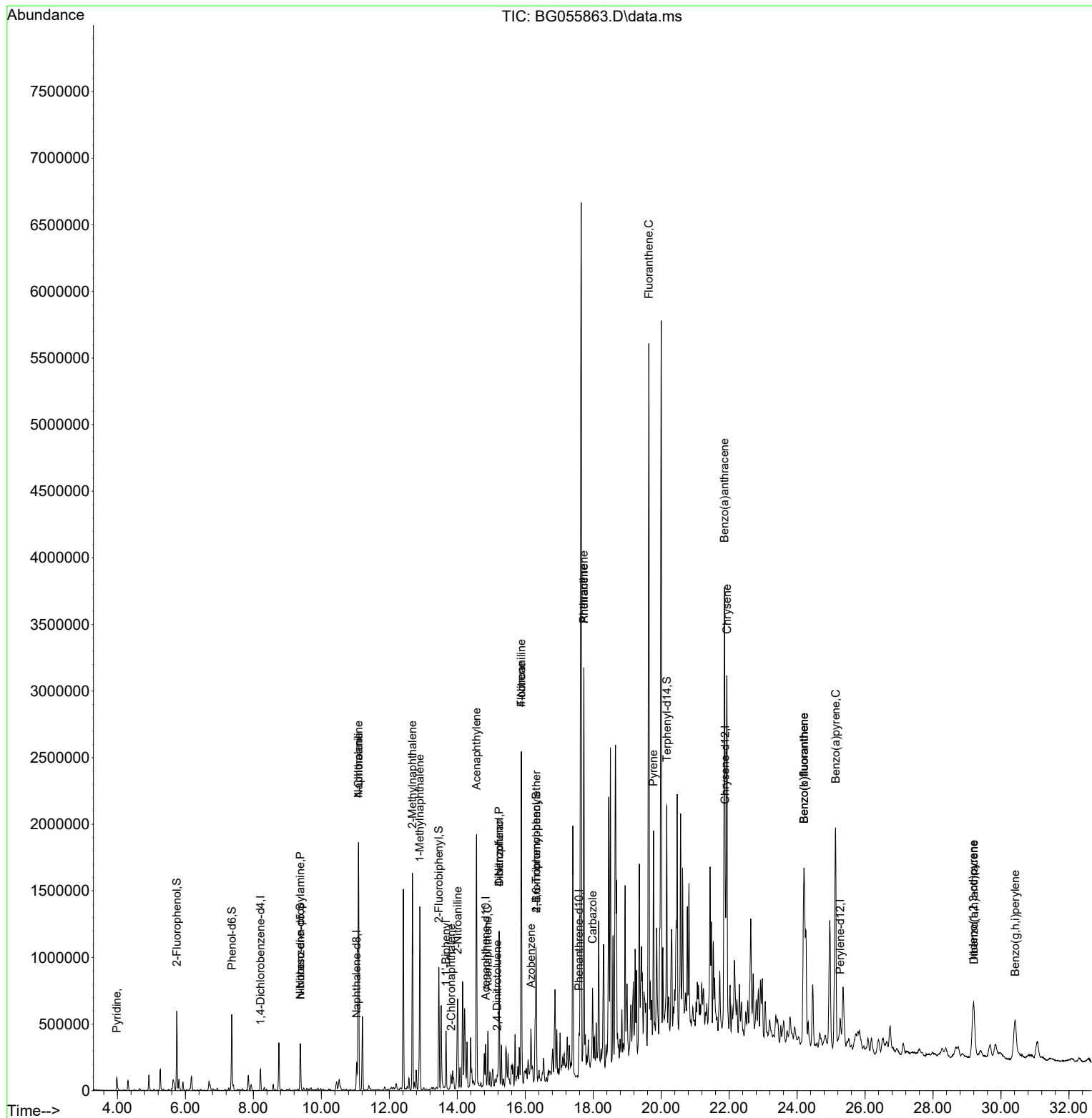
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	46118	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	185802	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	122972	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	256370	20.000	ng	0.00
76) Chrysene-d12	21.883	240	228159	20.000	ng	0.02
86) Perylene-d12	25.268	264	267261	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	253413	99.321	ng	0.01
7) Phenol-d6	7.365	99	323940	95.378	ng	0.00
23) Nitrobenzene-d5	9.380	82	211755	60.238	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	149239	86.185	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	494314	60.221	ng	0.00
79) Terphenyl-d14	20.168	244	723321	63.409	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.981	79	59503	17.789	ng	99
19) n-Nitroso-di-n-propyla...	9.380	70	28795	11.034	ng	# 76
31) Naphthalene	11.096	128	1534110	152.736	ng	98
33) 4-Chloroaniline	11.096	127	220739	53.275	ng	# 33
37) 2-Methylnaphthalene	12.682	142	759498	100.990	ng	98
38) 1-Methylnaphthalene	12.900	142	651743	89.270	ng	99
46) 1,1'-Biphenyl	13.669	154	231609	25.846	ng	99
47) 2-Chloronaphthalene	13.822	162	28171	4.045	ng	# 47
48) 2-Nitroaniline	14.010	65	11381	4.970	ng	# 24
49) Acenaphthylene	14.568	152	1391322	121.304	ng	97
52) Acenaphthene	14.897	154	121752	16.242	ng	98
55) Dibenzofuran	15.232	168	697179	60.287	ng	96
56) 4-Nitrophenol	15.232	139	258241	149.538	ng	# 6
57) 2,4-Dinitrotoluene	15.174	165	8387	2.968	ng	# 68
58) Fluorene	15.884	166	1191886	129.044	ng	99
62) 4-Nitroaniline	15.884	138	15690	6.822	ng	# 20
63) Azobenzene	16.172	77	18452	2.133	ng	# 1
67) 4-Bromophenyl-phenylether	16.325	248	9652	3.304	ng	# 1
71) Phenanthrene	17.724	178	1957026	141.457	ng	95
72) Anthracene	17.724	178	1957026	145.589	ng	94
73) Carbazole	17.982	167	371841	30.770	ng	98
75) Fluoranthene	19.639	202	3688723	219.162	ng	89
78) Pyrene	19.774	202	967962	62.677	ng	97
81) Benzo(a)anthracene	21.866	228	2243900	142.790	ng	# 87
83) Chrysene	21.936	228	1968280	131.567	ng	92
87) Indeno(1,2,3-cd)pyrene	29.187	276	852874	38.953	ng	96
88) Benzo(b)fluoranthene	24.204	252	1999404	114.872	ng	97
89) Benzo(k)fluoranthene	24.204	252	1999404	115.240	ng	96
90) Benzo(a)pyrene	25.132	252	2050164	137.262	ng	96
91) Dibenzo(a,h)anthracene	29.210	278	248617	13.896	ng	94
92) Benzo(g,h,i)perylene	30.420	276	821023	45.529	ng	99

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

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QLast Update : Fri Dec 02 04:07:17 2022
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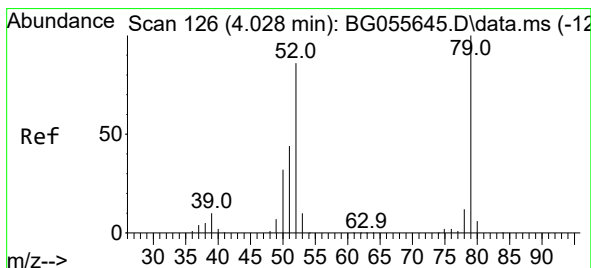
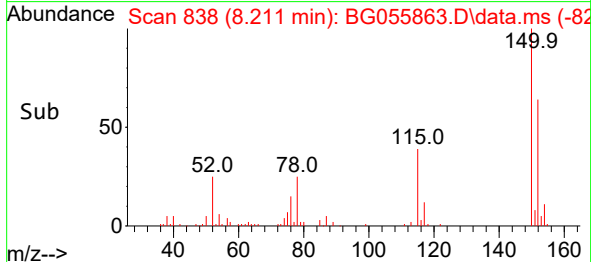
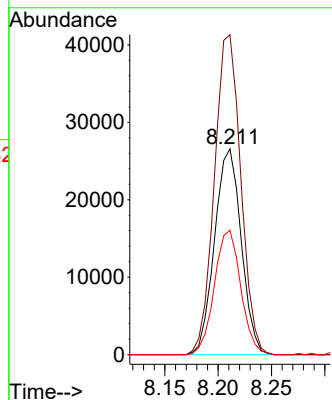
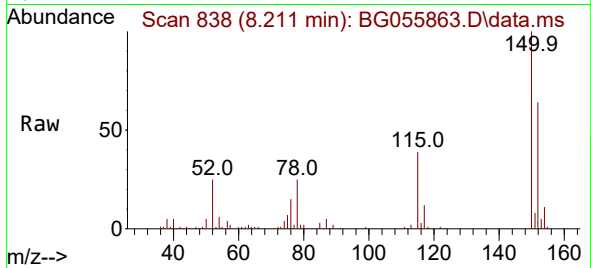




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

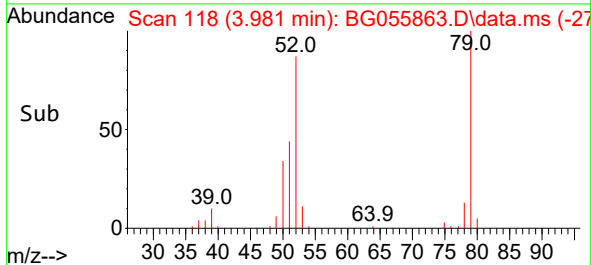
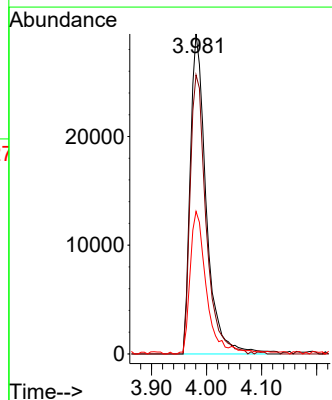
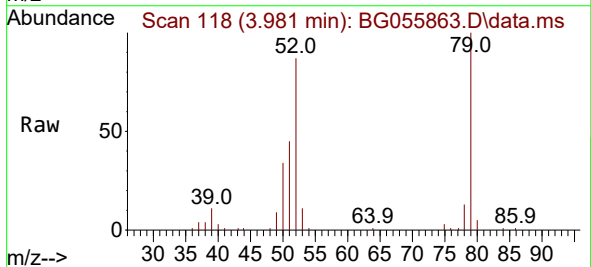
Instrument :
BNA_G
ClientSampleId :
S1

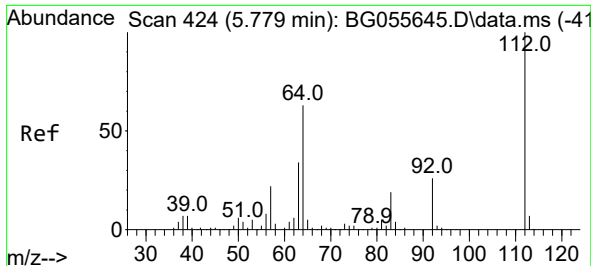
Tgt Ion:152 Resp: 46118
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 60.5 47.0 70.4



#3
Pyridine
Concen: 17.789 ng
RT: 3.981 min Scan# 118
Delta R.T. 0.006 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion: 79 Resp: 59503
Ion Ratio Lower Upper
79 100
52 87.2 68.9 103.3
51 44.5 34.8 52.2

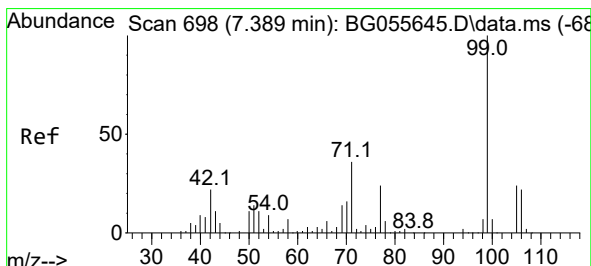
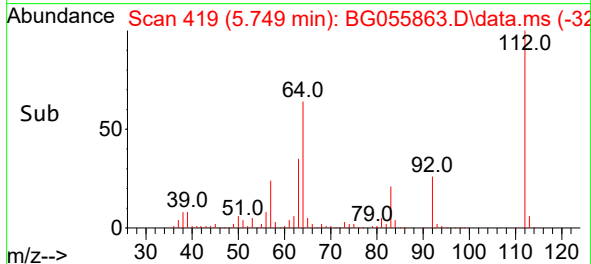
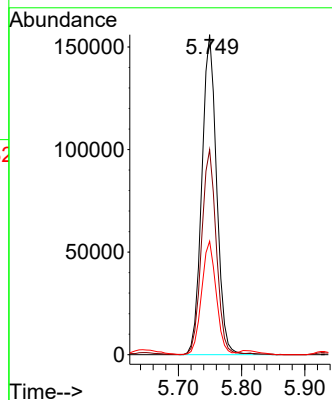
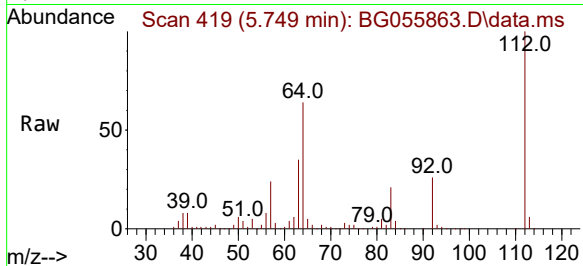




#5
2-Fluorophenol
Concen: 99.321 ng
RT: 5.749 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

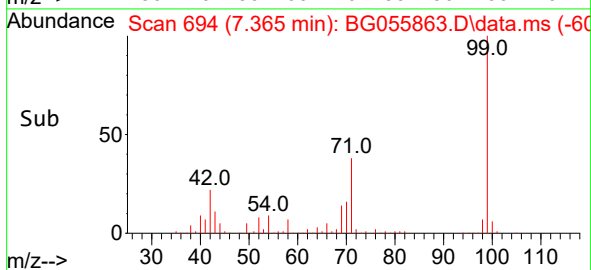
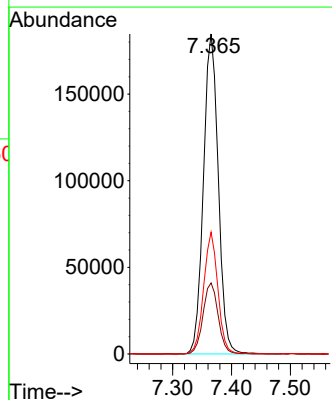
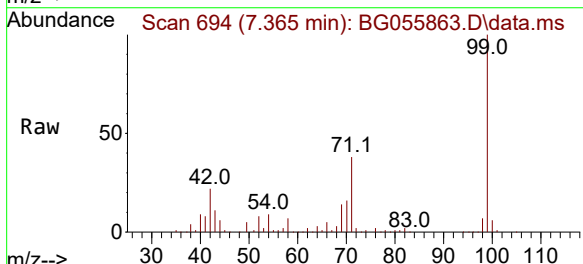
Instrument :
BNA_G
ClientSampleId :
S1

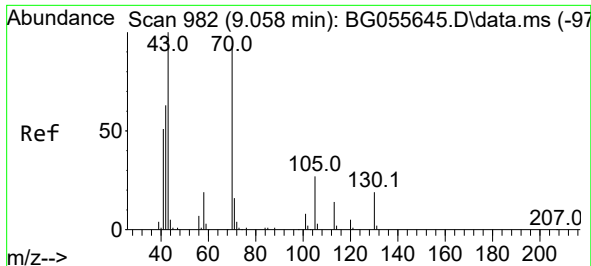
Tgt Ion:112 Resp: 253413
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 35.4 27.5 41.3



#7
Phenol-d6
Concen: 95.378 ng
RT: 7.365 min Scan# 694
Delta R.T. 0.006 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion: 99 Resp: 323940
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 38.0 29.0 43.6

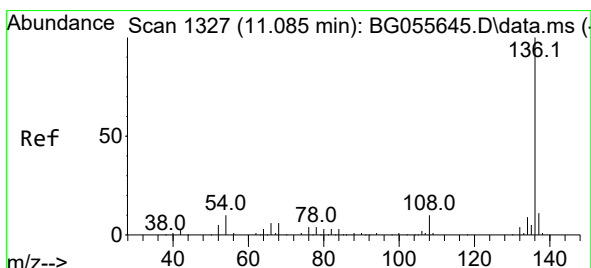
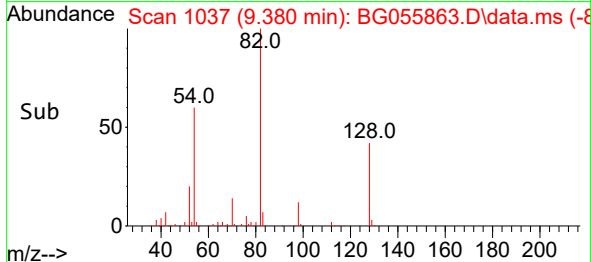
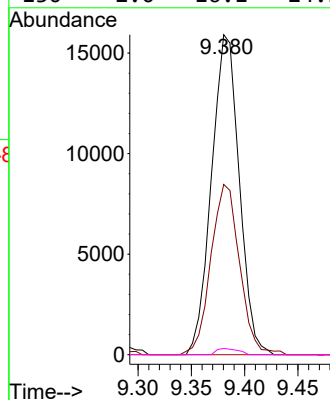
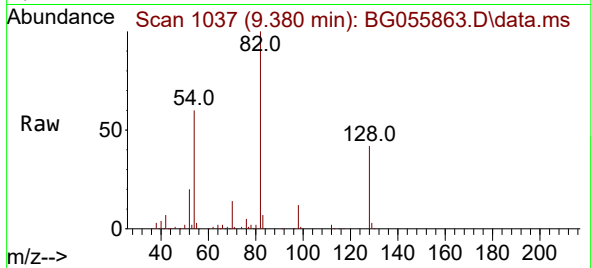




#19
n-Nitroso-di-n-propylamine
Concen: 11.034 ng
RT: 9.380 min Scan# 110
Delta R.T. 0.370 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

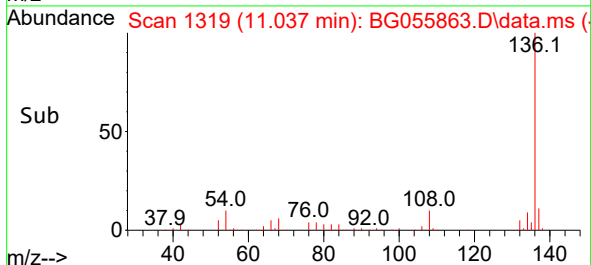
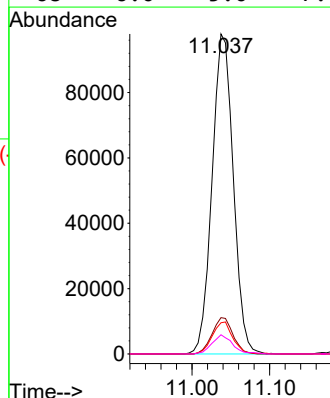
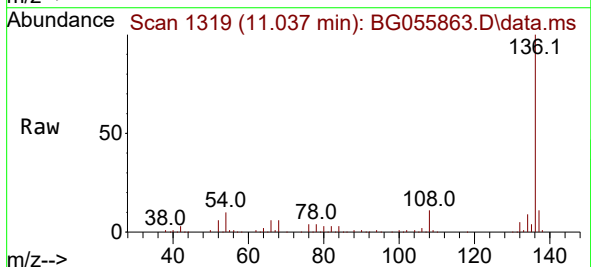
Instrument :
BNA_G
ClientSampleId :
S1

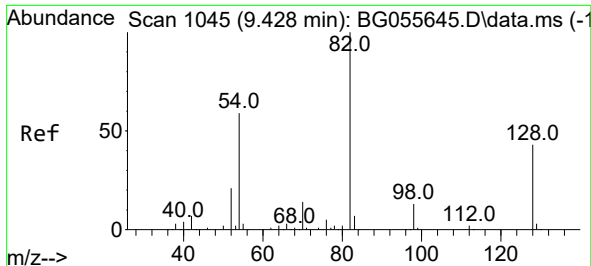
Tgt Ion: 70 Resp: 28795
Ion Ratio Lower Upper
70 100
42 53.2 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion: 136 Resp: 185802
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 7.8 11.6
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 60.238 ng

RT: 9.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

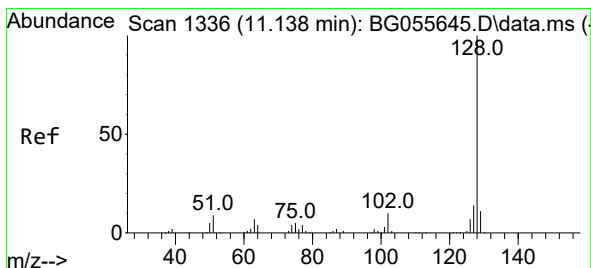
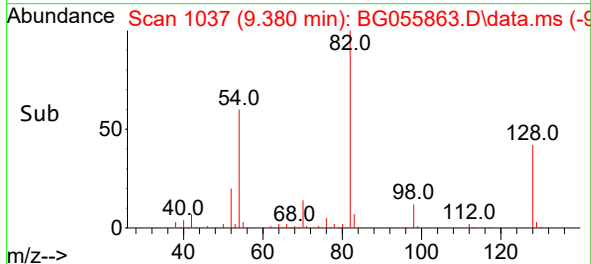
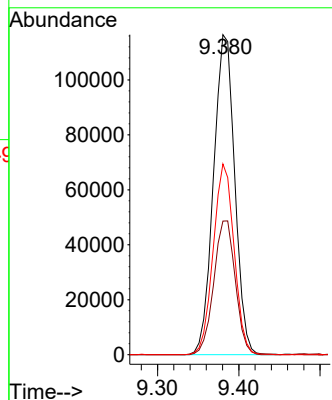
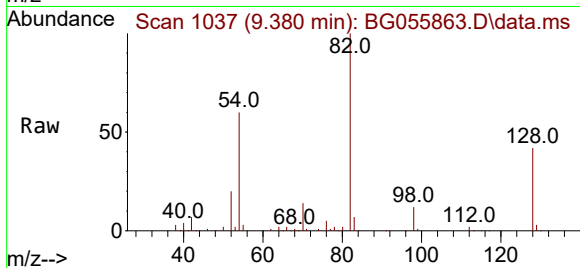
Tgt Ion: 82 Resp: 211755

Ion Ratio Lower Upper

82 100

128 41.7 34.1 51.1

54 59.6 47.3 70.9



#31

Naphthalene

Concen: 152.736 ng

RT: 11.096 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

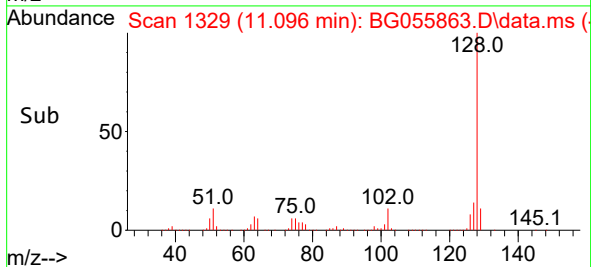
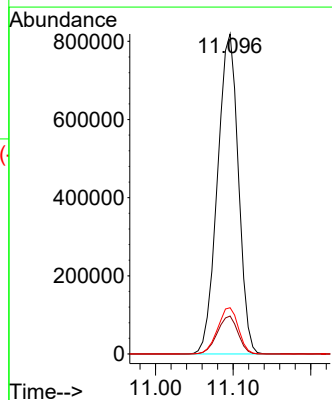
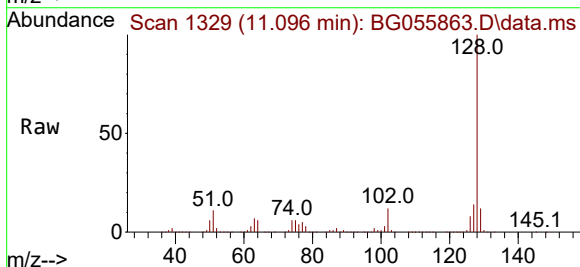
Tgt Ion:128 Resp: 1534110

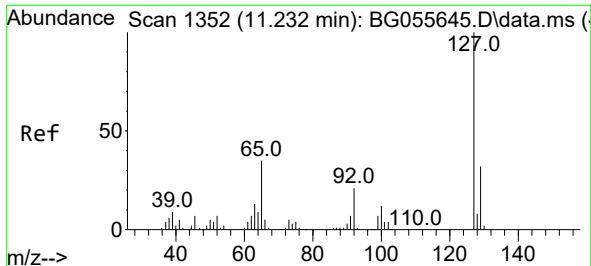
Ion Ratio Lower Upper

128 100

129 11.9 8.7 13.1

127 14.4 10.9 16.3

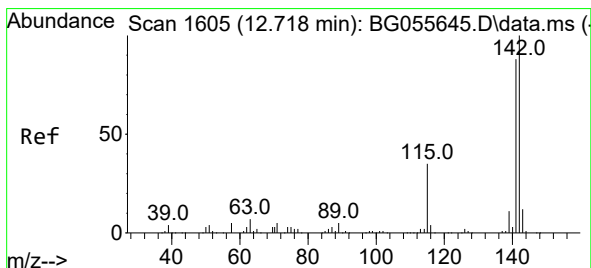
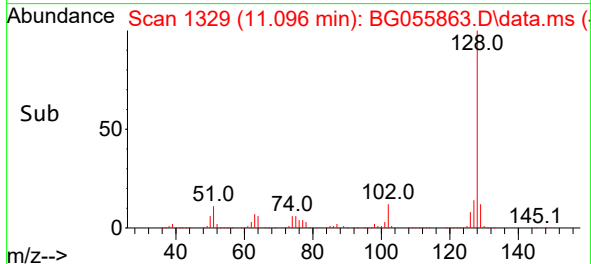
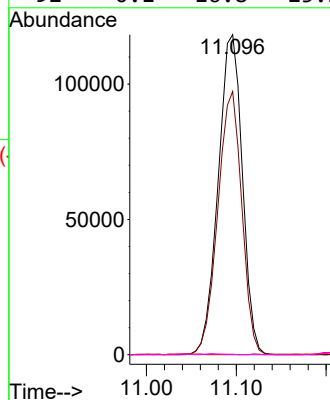
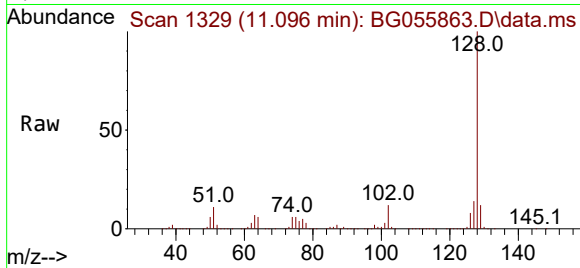




#33
4-Chloroaniline
Concen: 53.275 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.094 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

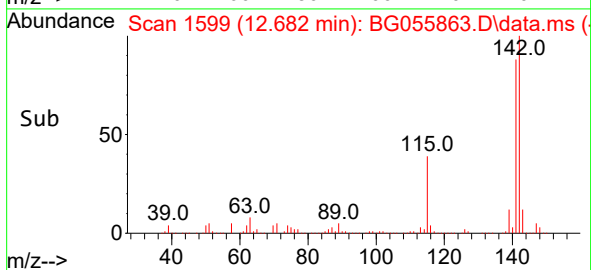
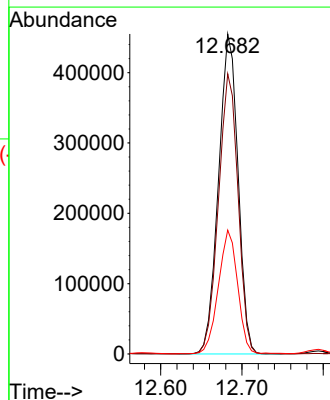
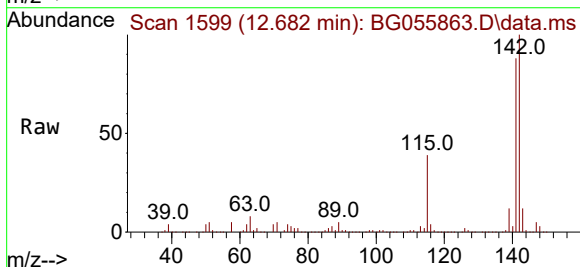
Instrument :
BNA_G
ClientSampleId :
S1

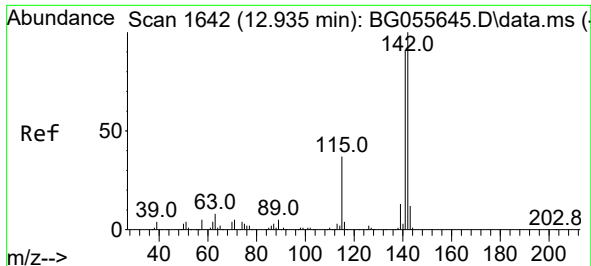
Tgt Ion:127 Resp: 220739
Ion Ratio Lower Upper
127 100
129 82.2 25.9 38.9#
65 0.0 27.9 41.9#
92 0.1 16.8 25.2#



#37
2-Methylnaphthalene
Concen: 100.990 ng
RT: 12.682 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:142 Resp: 759498
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5
115 38.7 27.9 41.9





#38

1-Methylnaphthalene

Concen: 89.270 ng

RT: 12.900 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

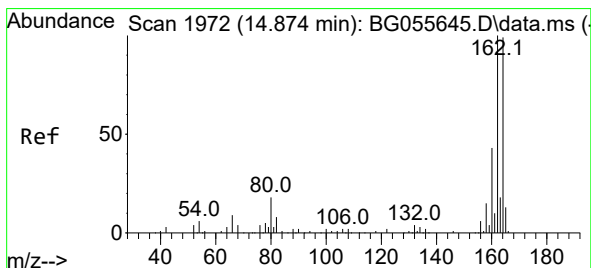
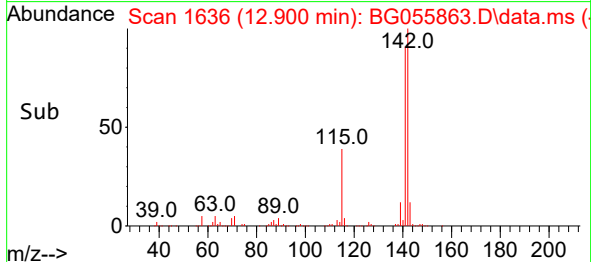
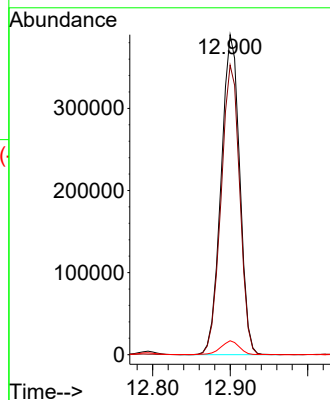
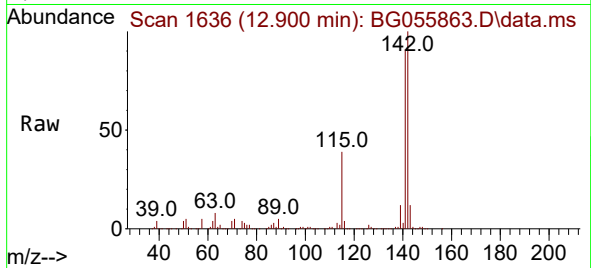
Tgt Ion:142 Resp: 651743

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.4

116 4.3 3.1 4.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

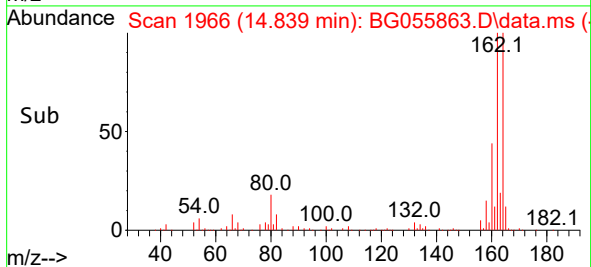
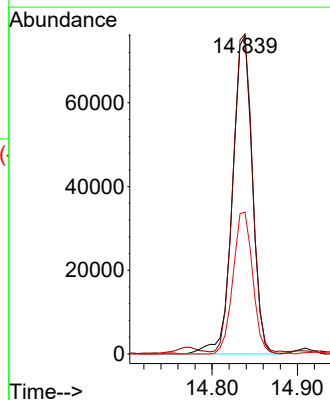
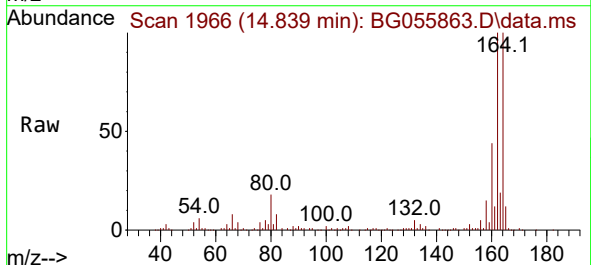
Tgt Ion:164 Resp: 122972

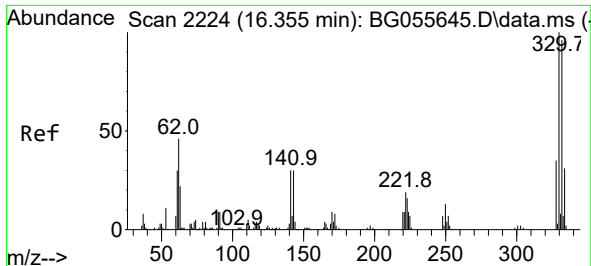
Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

160 44.5 34.8 52.2

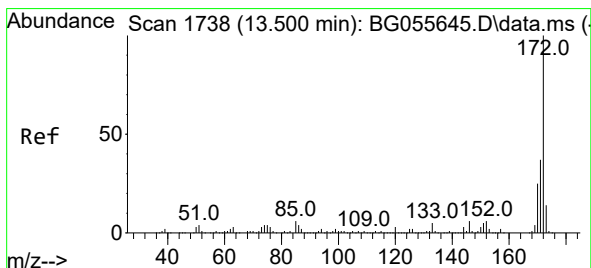
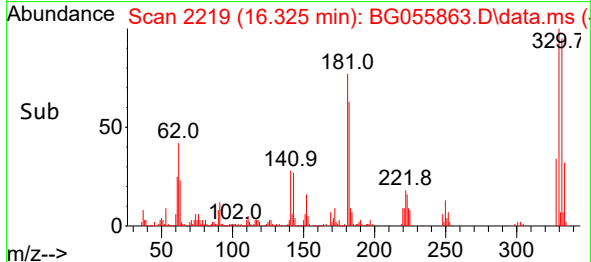
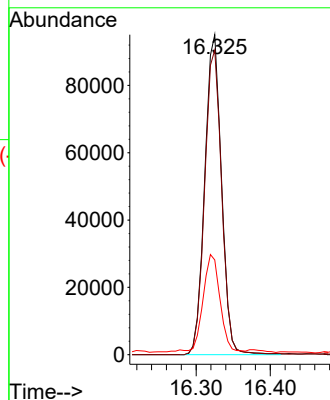
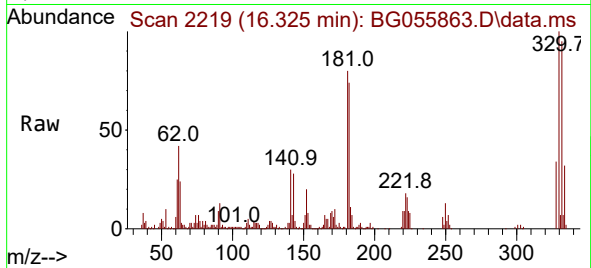




#42
2,4,6-Tribromophenol
Concen: 86.185 ng
RT: 16.325 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

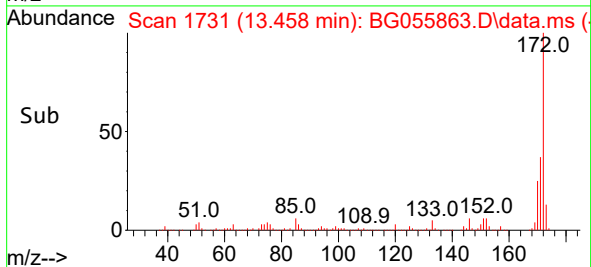
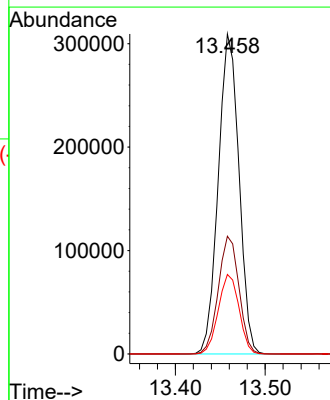
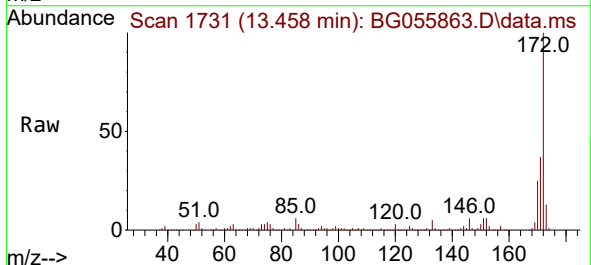
Instrument :
BNA_G
ClientSampleId :
S1

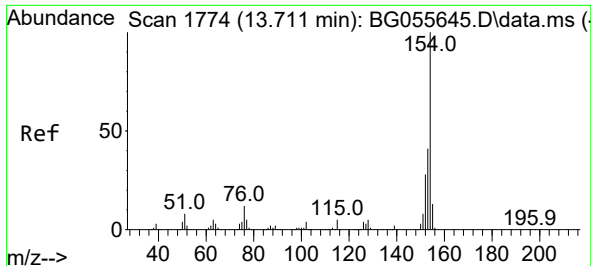
Tgt Ion:330 Resp: 149239
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 31.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 60.221 ng
RT: 13.458 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:172 Resp: 494314
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.9 20.2 30.4

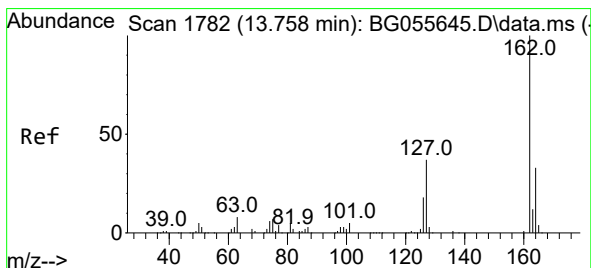
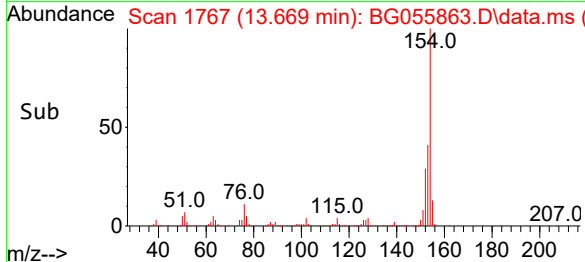
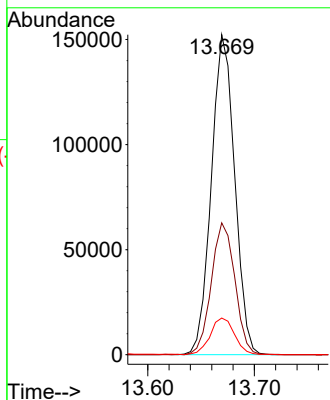
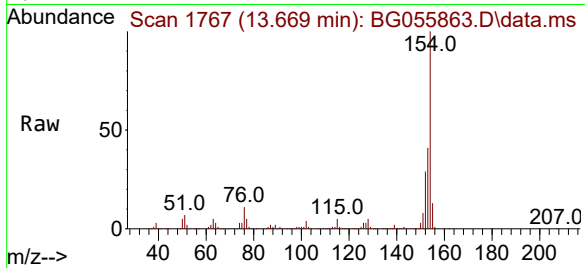




#46
1,1'-Biphenyl
Concen: 25.846 ng
RT: 13.669 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

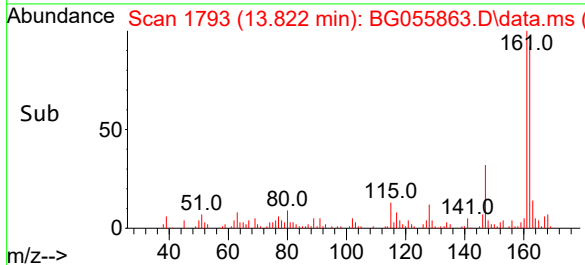
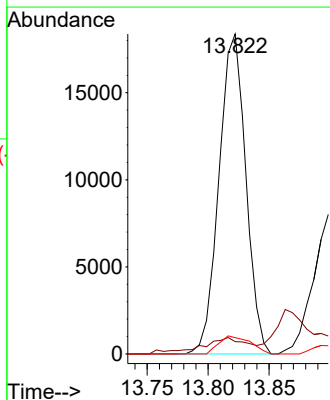
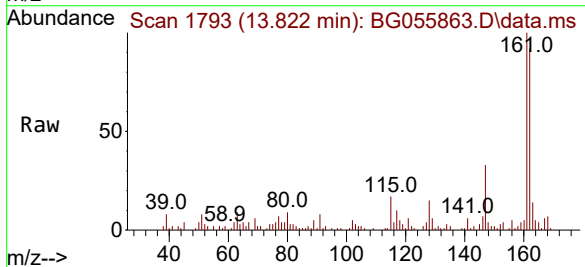
Instrument :
BNA_G
ClientSampleId :
S1

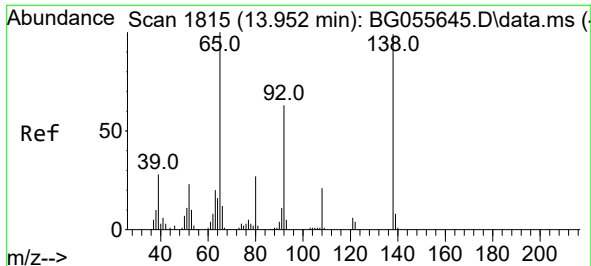
Tgt Ion:154 Resp: 231609
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 11.5 0.0 32.4



#47
2-Chloronaphthalene
Concen: 4.045 ng
RT: 13.822 min Scan# 1793
Delta R.T. 0.100 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:162 Resp: 28171
Ion Ratio Lower Upper
162 100
127 3.9 29.9 44.9#
164 5.1 26.4 39.6#

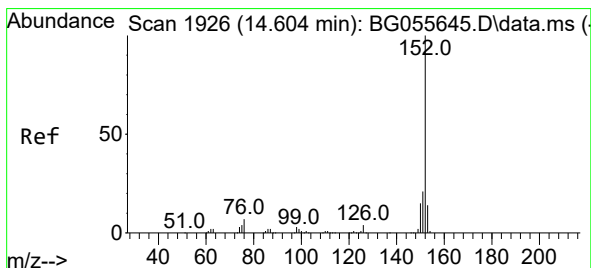
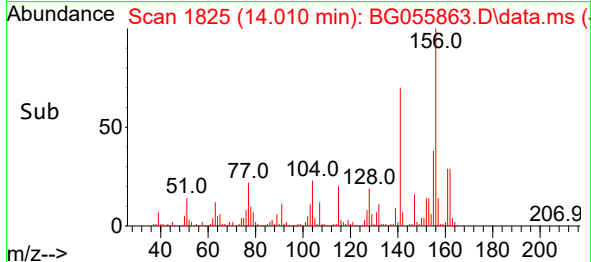
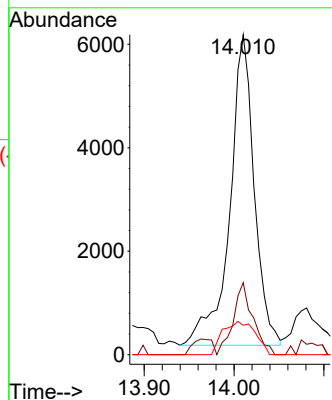
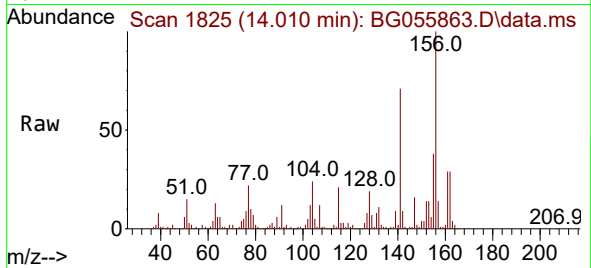




#48
2-Nitroaniline
Concen: 4.970 ng
RT: 14.010 min Scan# 1815
Delta R.T. 0.088 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

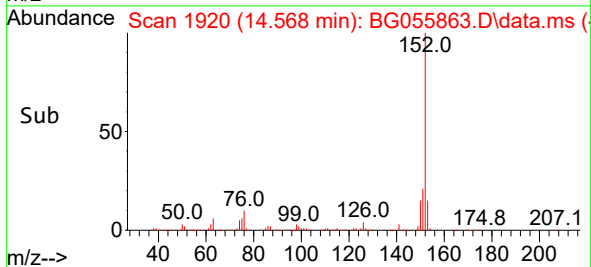
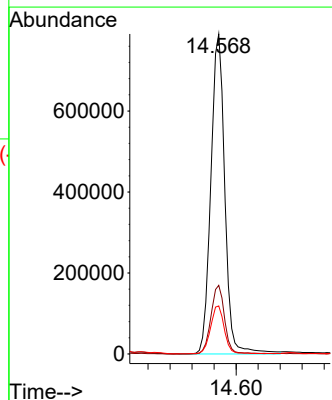
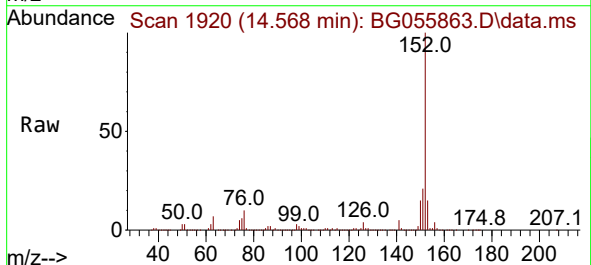
Instrument :
BNA_G
ClientSampleId :
S1

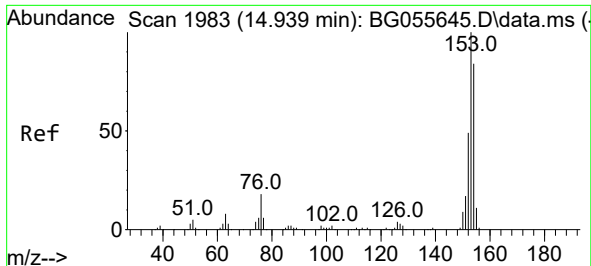
Tgt Ion: 65 Resp: 11381
Ion Ratio Lower Upper
65 100
92 22.5 50.1 75.1#
138 9.2 79.4 119.0#



#49
Acenaphthylene
Concen: 121.304 ng
RT: 14.568 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:152 Resp: 1391322
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 15.0 11.0 16.4

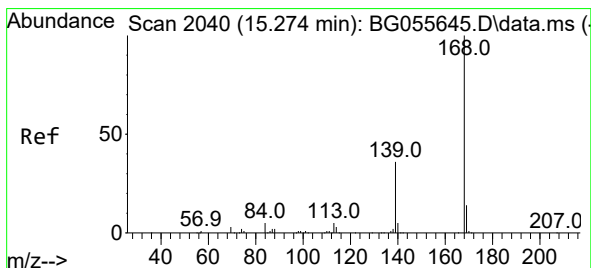
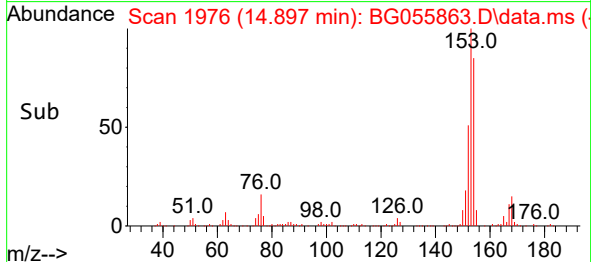
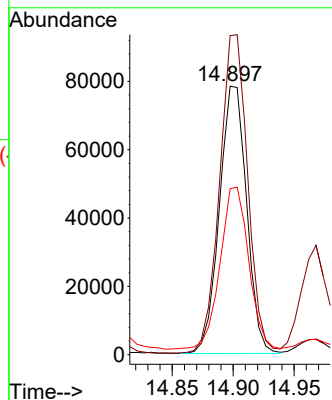
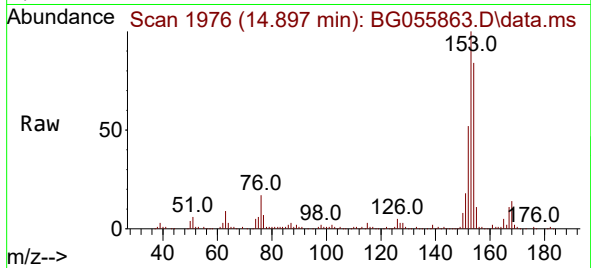




#52
Acenaphthene
Concen: 16.242 ng
RT: 14.897 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

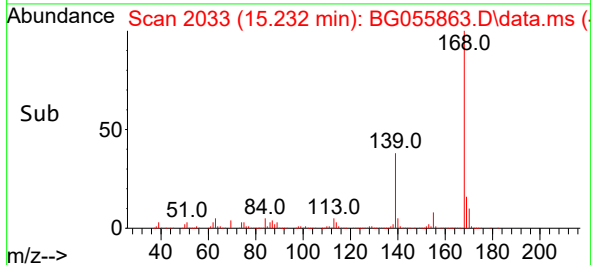
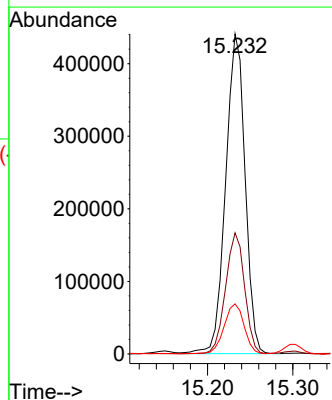
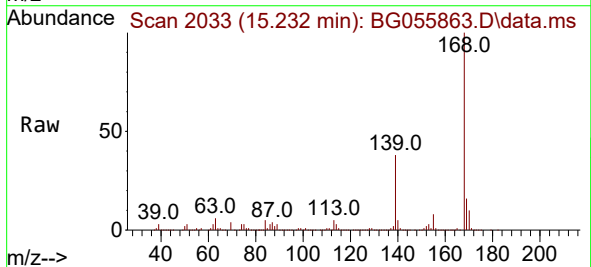
Instrument :
BNA_G
ClientSampleId :
S1

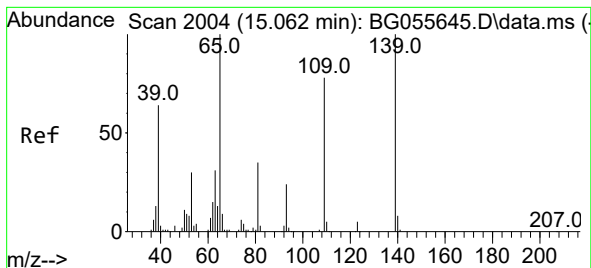
Tgt Ion:154 Resp: 121752
Ion Ratio Lower Upper
154 100
153 118.8 95.0 142.4
152 61.8 46.1 69.1



#55
Dibenzofuran
Concen: 60.287 ng
RT: 15.232 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:168 Resp: 697179
Ion Ratio Lower Upper
168 100
139 37.9 28.8 43.2
169 15.7 11.0 16.4

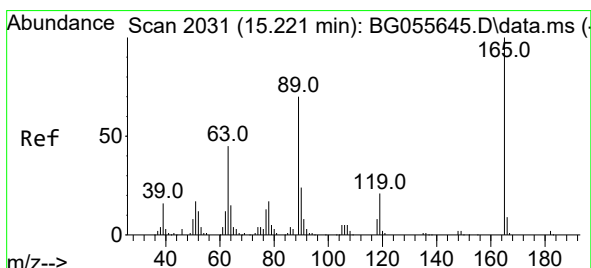
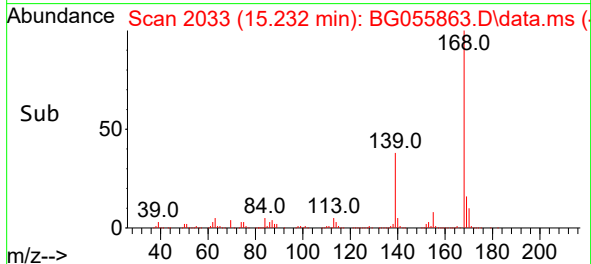
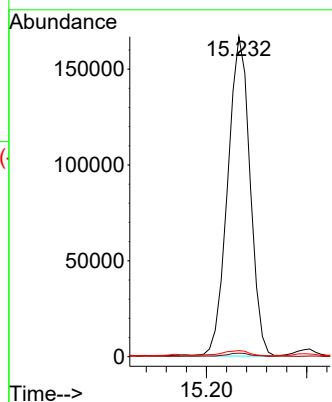
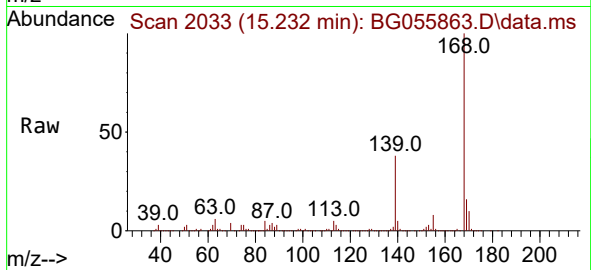




#56
4-Nitrophenol
Concen: 149.538 ng
RT: 15.232 min Scan# 2023
Delta R.T. 0.176 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

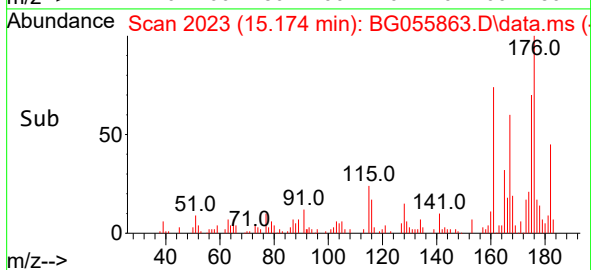
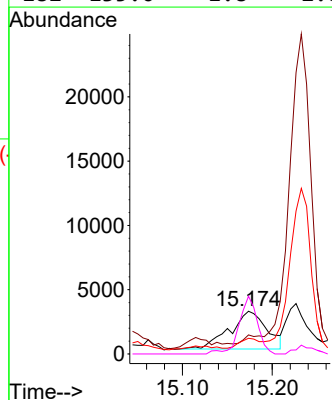
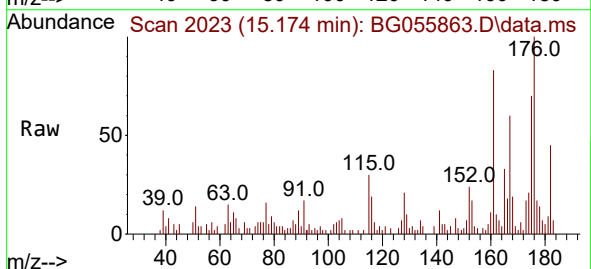
Instrument :
BNA_G
ClientSampleId :
S1

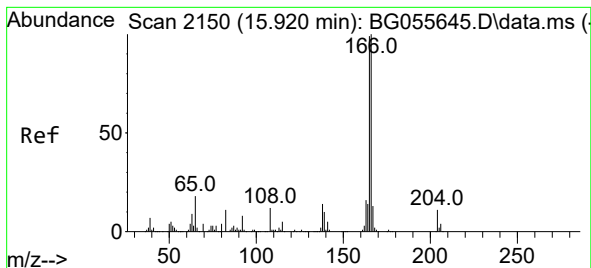
Tgt Ion:139 Resp: 258241
Ion Ratio Lower Upper
139 100
109 1.1 58.6 98.6#
65 1.9 80.5 120.5#



#57
2,4-Dinitrotoluene
Concen: 2.968 ng
RT: 15.174 min Scan# 2023
Delta R.T. -0.024 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:165 Resp: 8387
Ion Ratio Lower Upper
165 100
63 44.6 35.8 53.8
89 36.8 56.2 84.4#
182 135.0 1.8 2.8#





#58

Fluorene

Concen: 129.044 ng

RT: 15.884 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

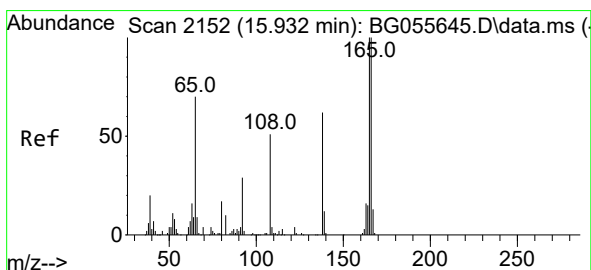
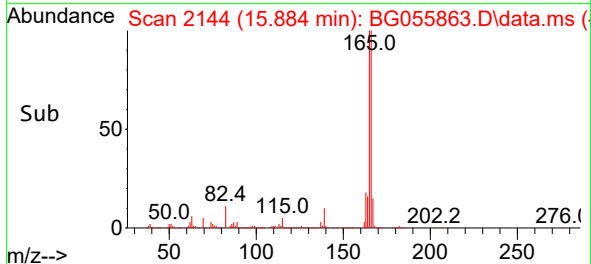
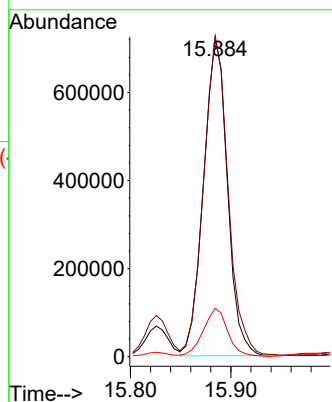
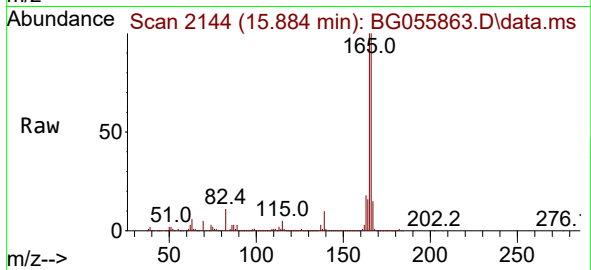
Tgt Ion:166 Resp: 1191886

Ion Ratio Lower Upper

166 100

165 99.9 79.3 118.9

167 15.1 10.6 15.8



#62

4-Nitroaniline

Concen: 6.822 ng

RT: 15.884 min Scan# 2144

Delta R.T. -0.018 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

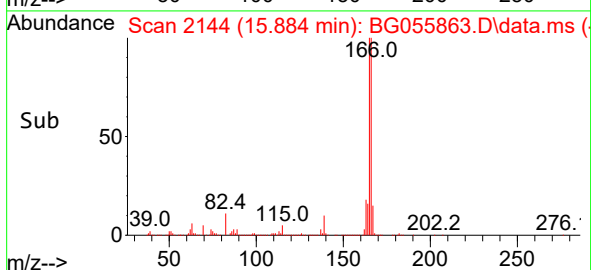
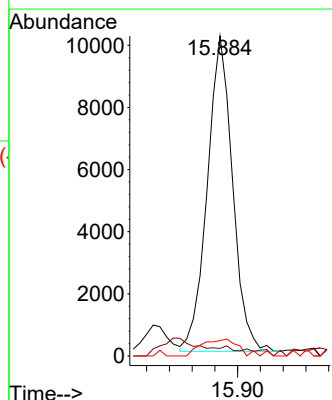
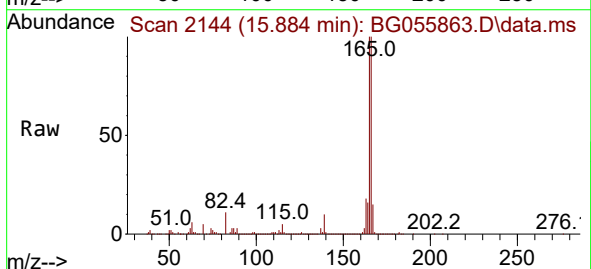
Tgt Ion:138 Resp: 15690

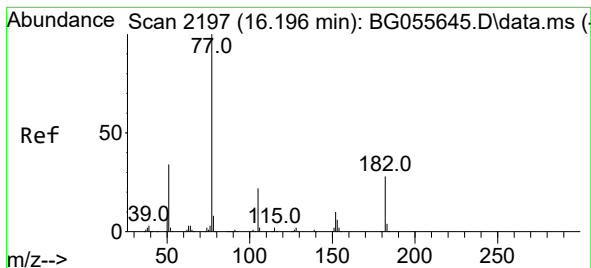
Ion Ratio Lower Upper

138 100

92 2.4 27.3 67.3#

108 4.8 62.8 102.8#





#63

Azobenzene

Concen: 2.133 ng

RT: 16.172 min Scan# 2197

Delta R.T. 0.017 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

Tgt Ion: 77 Resp: 18452

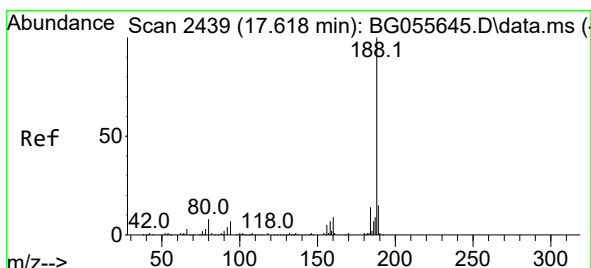
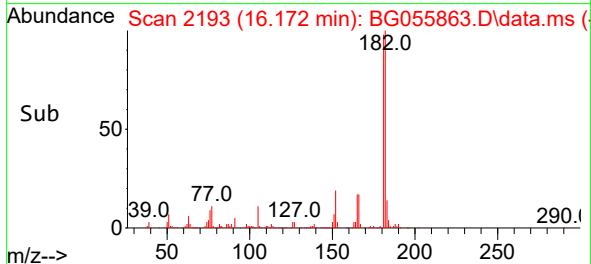
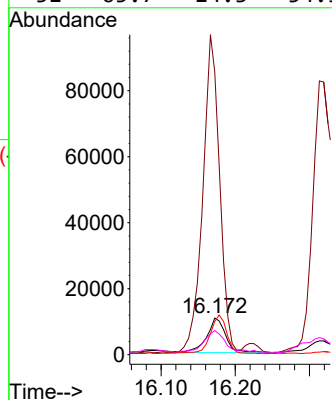
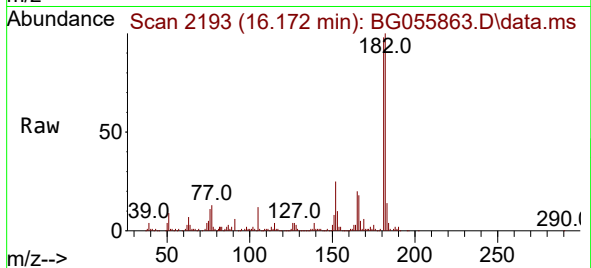
Ion Ratio Lower Upper

77 100

182 770.6 8.1 48.1#

105 90.1 1.8 41.8#

51 65.7 14.3 54.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.583 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

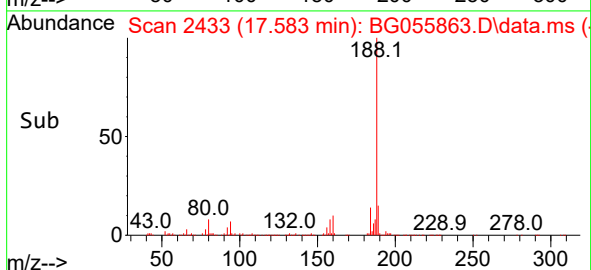
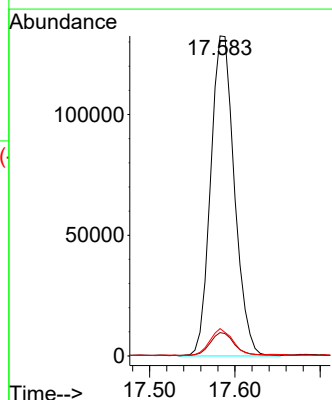
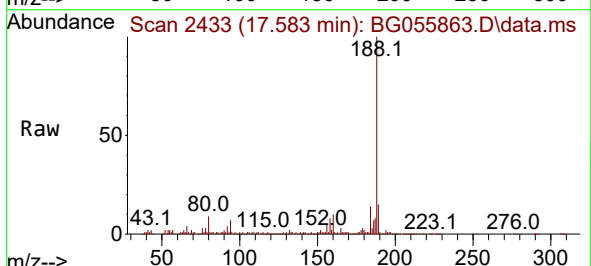
Tgt Ion:188 Resp: 256370

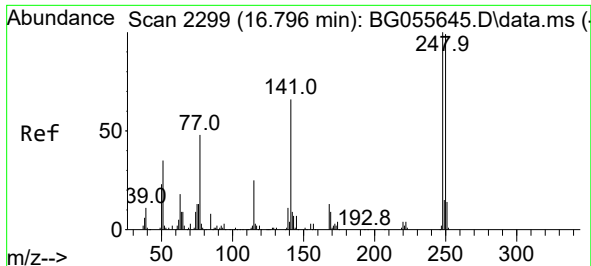
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.6 6.6 10.0

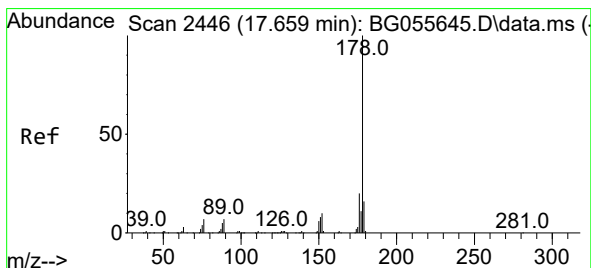
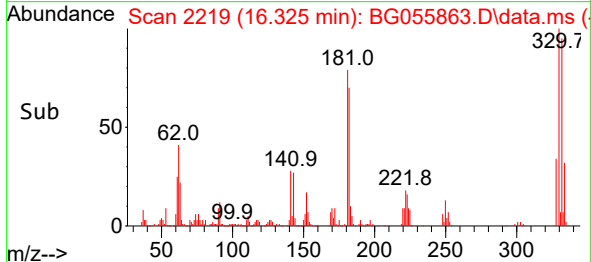
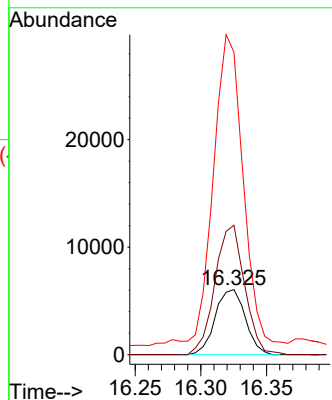
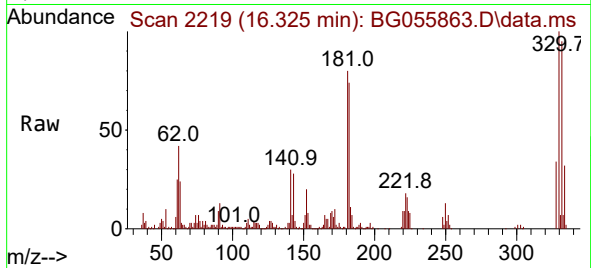




#67
4-Bromophenyl-phenylether
Concen: 3.304 ng
RT: 16.325 min Scan# 21
Delta R.T. -0.429 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

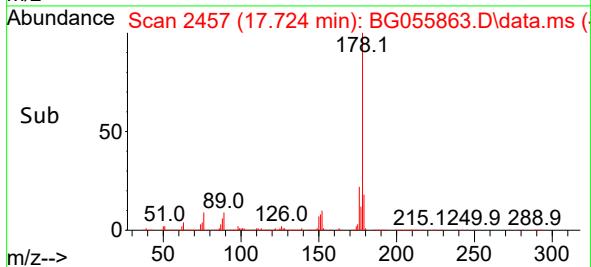
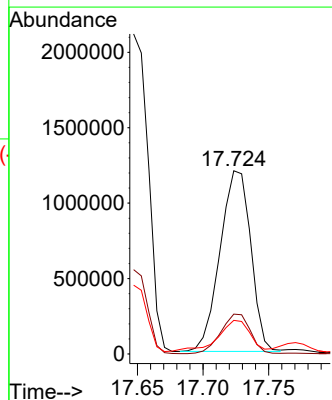
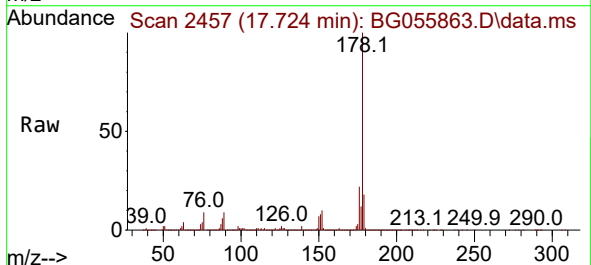
Instrument :
BNA_G
ClientSampleId :
S1

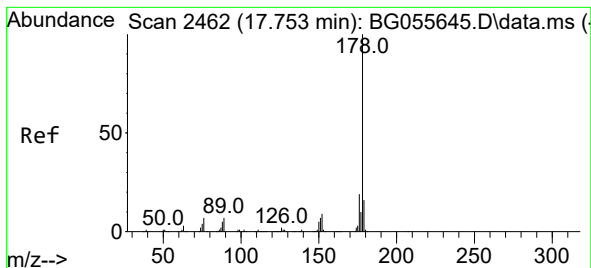
Tgt Ion:248 Resp: 9652
Ion Ratio Lower Upper
248 100
250 198.7 79.0 118.4#
141 464.5 52.9 79.3#



#71
Phenanthrene
Concen: 141.457 ng
RT: 17.724 min Scan# 2457
Delta R.T. 0.100 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:178 Resp: 1957026
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 18.4 12.7 19.1





#72

Anthracene

Concen: 145.589 ng

RT: 17.724 min Scan# 24

Delta R.T. 0.012 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

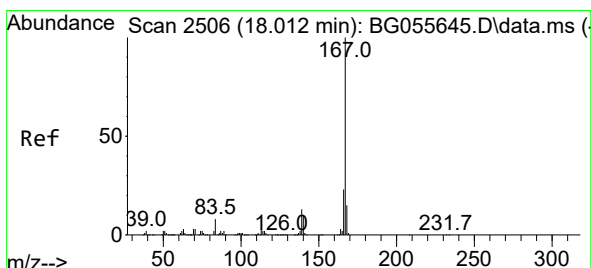
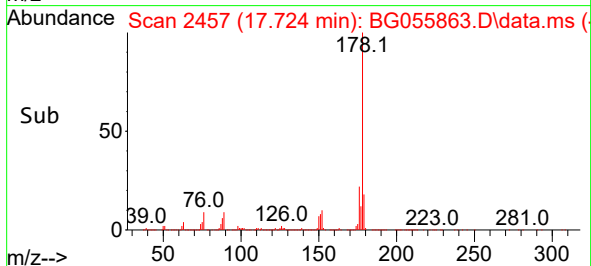
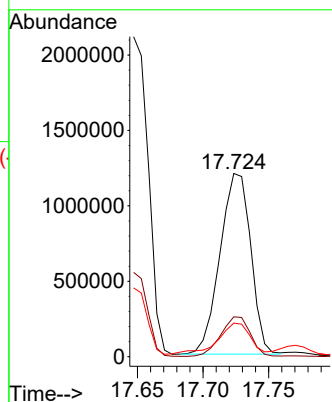
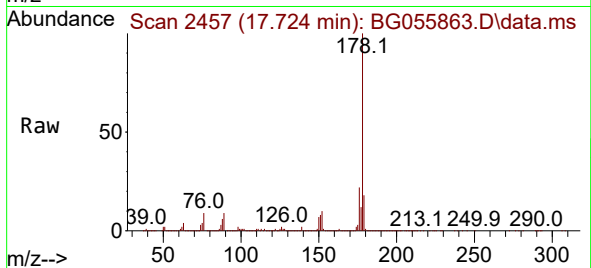
Tgt Ion:178 Resp: 1957026

Ion Ratio Lower Upper

178 100

176 21.7 15.5 23.3

179 18.4 12.5 18.7



#73

Carbazole

Concen: 30.770 ng

RT: 17.982 min Scan# 2501

Delta R.T. 0.006 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

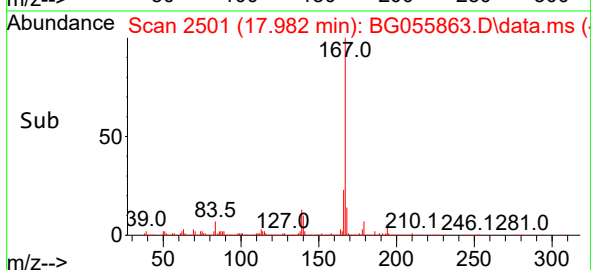
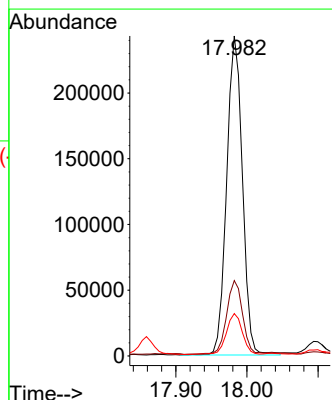
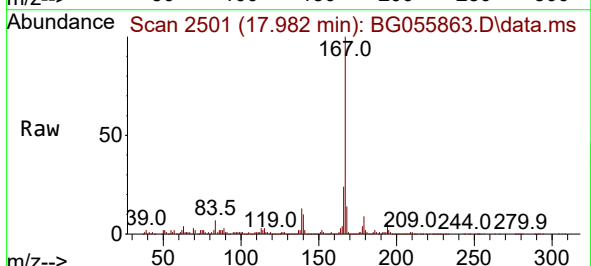
Tgt Ion:167 Resp: 371841

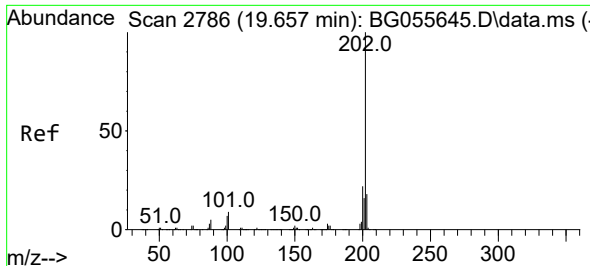
Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.2

139 13.3 10.2 15.4

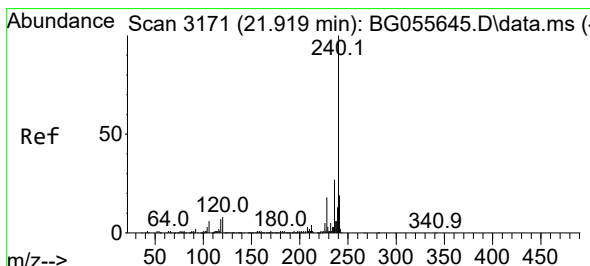
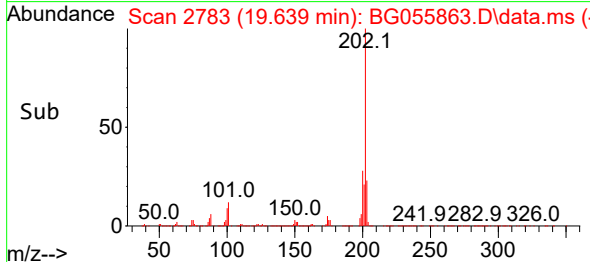
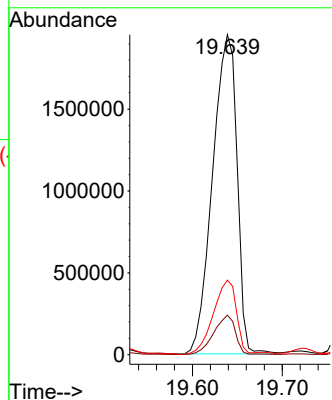
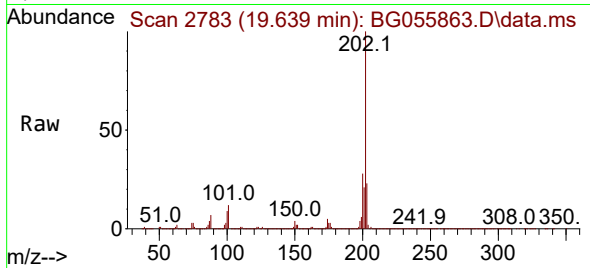




#75
Fluoranthene
Concen: 219.162 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.023 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

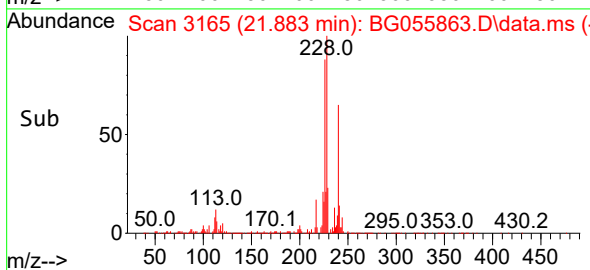
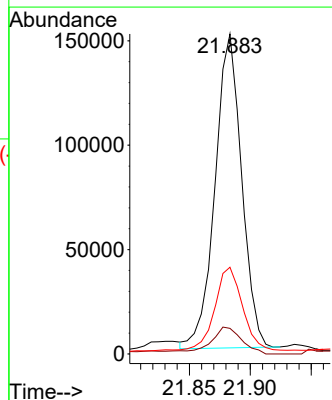
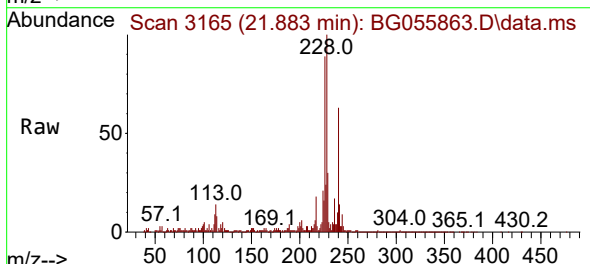
Instrument :
BNA_G
ClientSampleId :
S1

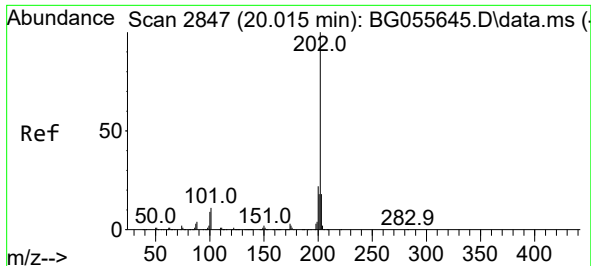
Tgt Ion:202 Resp: 3688723
Ion Ratio Lower Upper
202 100
101 12.3 0.0 28.8
203 23.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. 0.017 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:240 Resp: 228159
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 27.1 21.9 32.9

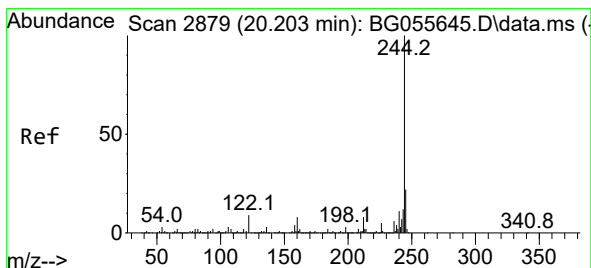
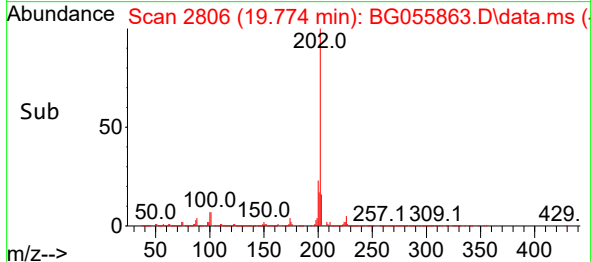
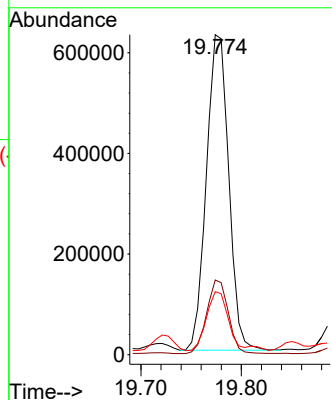
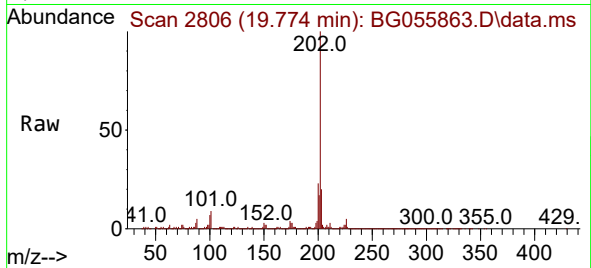




#78
 Pyrene
 Concen: 62.677 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.206 min
 Lab File: BG055863.D
 Acq: 1 Dec 2022 20:03

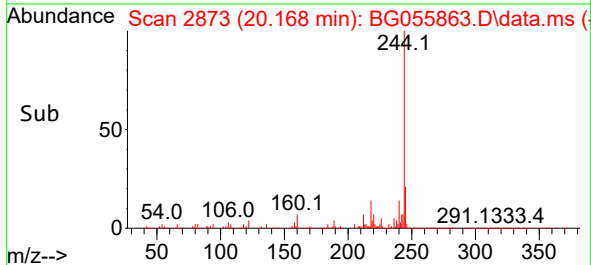
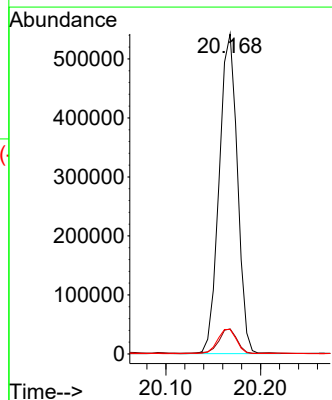
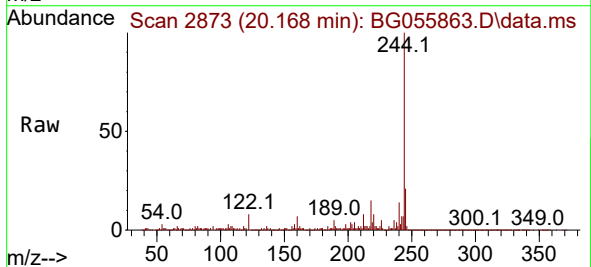
Instrument :
 BNA_G
 ClientSampleId :
 S1

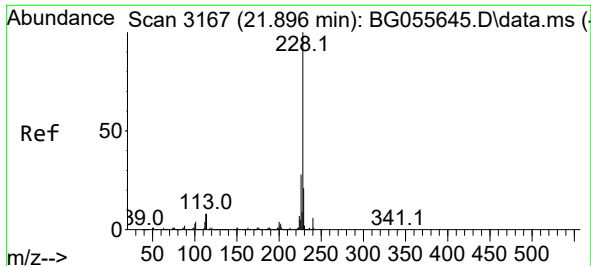
Tgt Ion:202 Resp: 967962
 Ion Ratio Lower Upper
 202 100
 200 23.4 17.8 26.6
 203 19.7 14.4 21.6



#79
 Terphenyl-d14
 Concen: 63.409 ng
 RT: 20.168 min Scan# 2873
 Delta R.T. 0.006 min
 Lab File: BG055863.D
 Acq: 1 Dec 2022 20:03

Tgt Ion:244 Resp: 723321
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 7.7 6.9 10.3

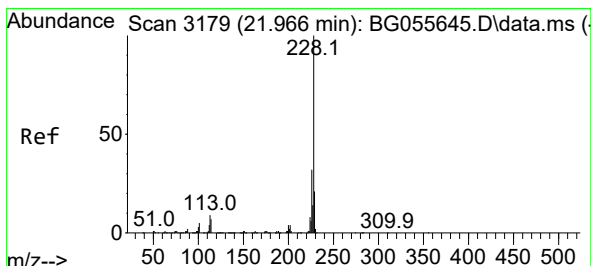
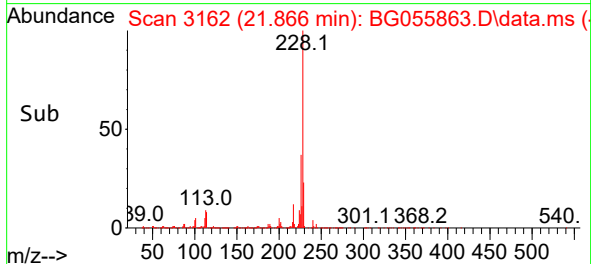
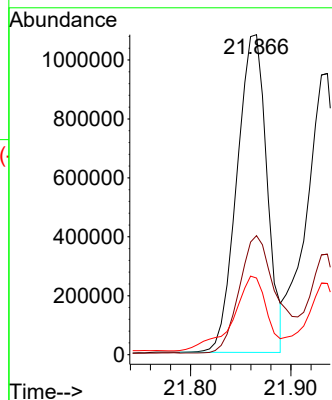
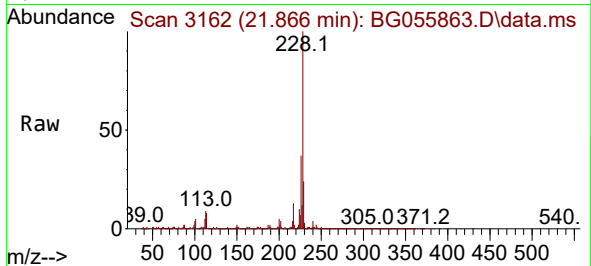




#81
Benzo(a)anthracene
Concen: 142.790 ng
RT: 21.866 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

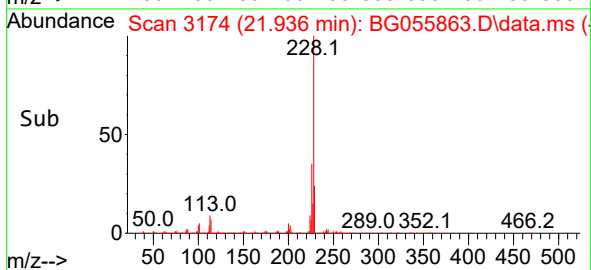
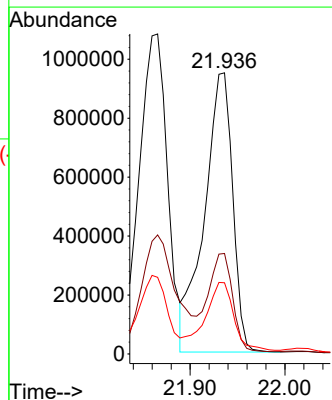
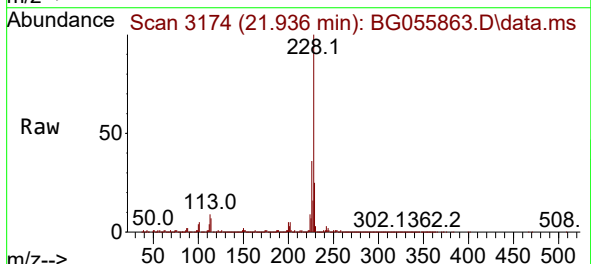
Instrument :
BNA_G
ClientSampleId :
S1

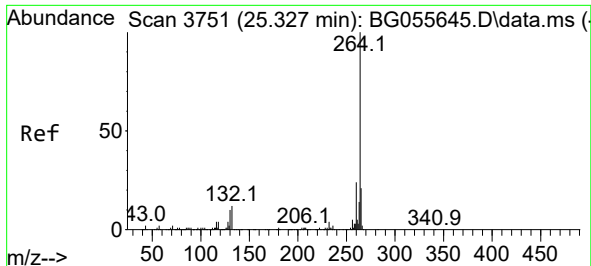
Tgt Ion:228 Resp: 2243900
Ion Ratio Lower Upper
228 100
226 37.2 22.7 34.1#
229 23.9 16.5 24.7



#83
Chrysene
Concen: 131.567 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.017 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Tgt Ion:228 Resp: 1968280
Ion Ratio Lower Upper
228 100
226 35.8 25.4 38.2
229 25.3 17.1 25.7

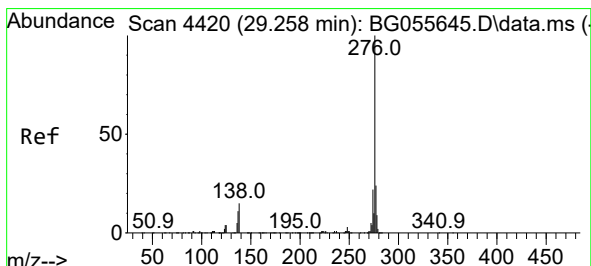
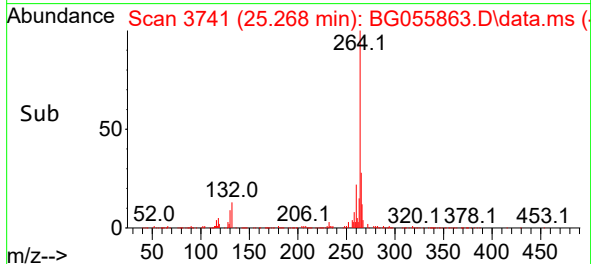
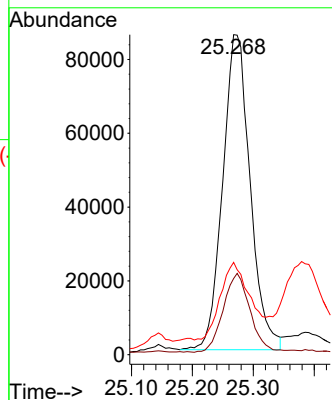
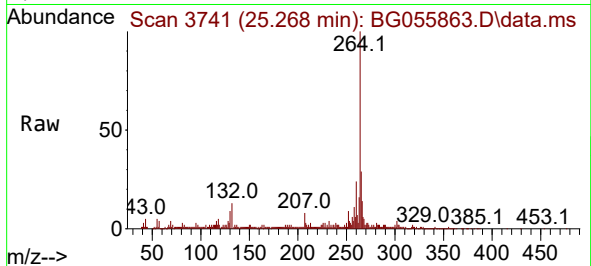




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BG055863.D
 Acq: 1 Dec 2022 20:03

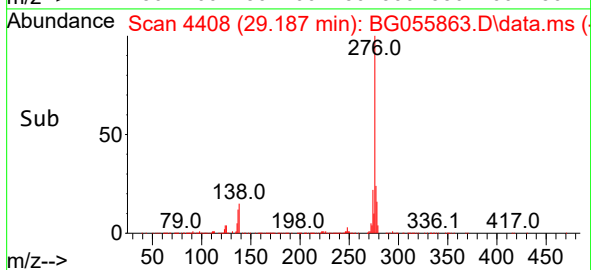
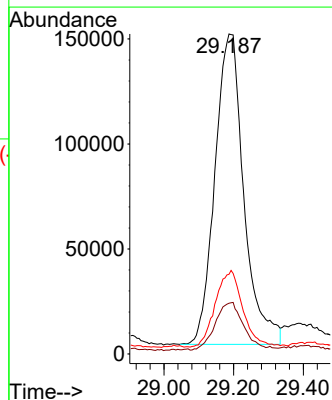
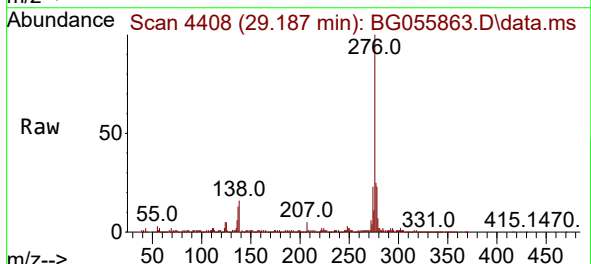
Instrument :
 BNA_G
 ClientSampleId :
 S1

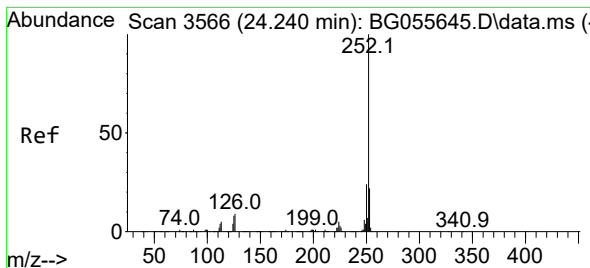
Tgt Ion:264 Resp: 267261
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 28.8 17.1 25.7#



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.953 ng
 RT: 29.187 min Scan# 4408
 Delta R.T. 0.035 min
 Lab File: BG055863.D
 Acq: 1 Dec 2022 20:03

Tgt Ion:276 Resp: 852874
 Ion Ratio Lower Upper
 276 100
 138 14.9 10.4 15.6
 277 23.5 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 114.872 ng

RT: 24.204 min Scan# 3560

Delta R.T. 0.035 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

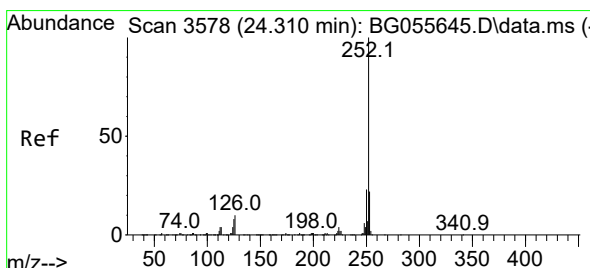
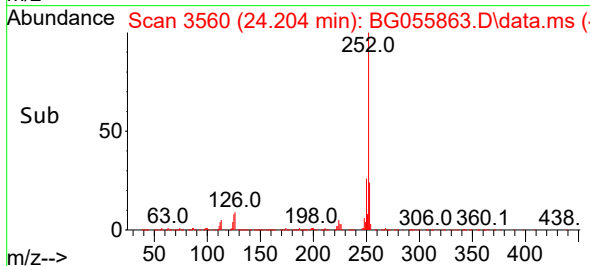
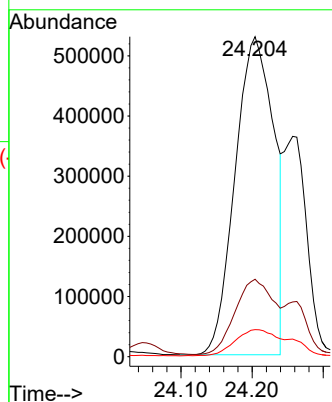
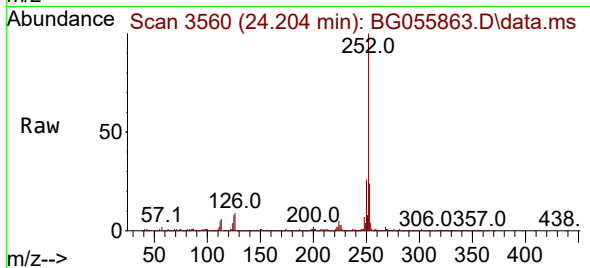
Tgt Ion:252 Resp: 1999404

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

125 8.5 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 115.240 ng

RT: 24.204 min Scan# 3560

Delta R.T. -0.035 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

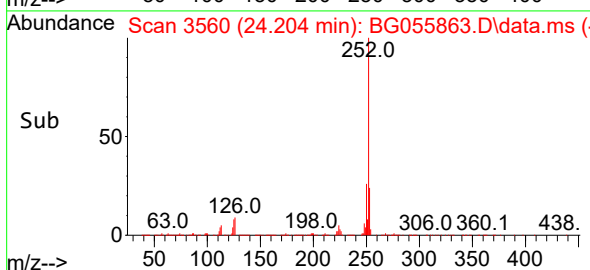
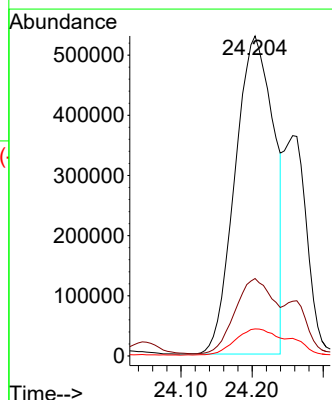
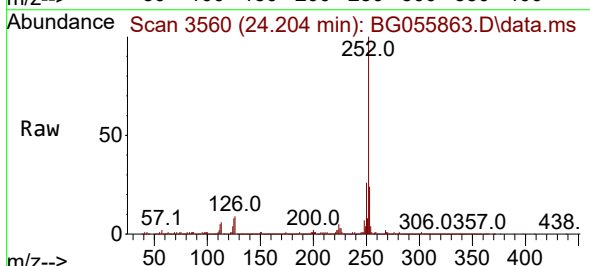
Tgt Ion:252 Resp: 1999404

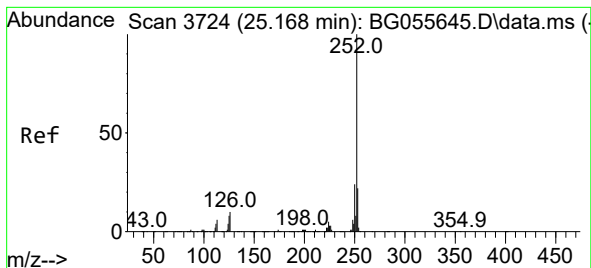
Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

125 8.5 6.1 9.1





#90

Benzo(a)pyrene

Concen: 137.262 ng

RT: 25.132 min Scan# 31

Delta R.T. 0.041 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

Instrument :

BNA_G

ClientSampleId :

S1

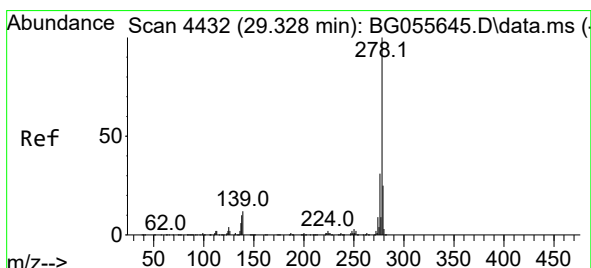
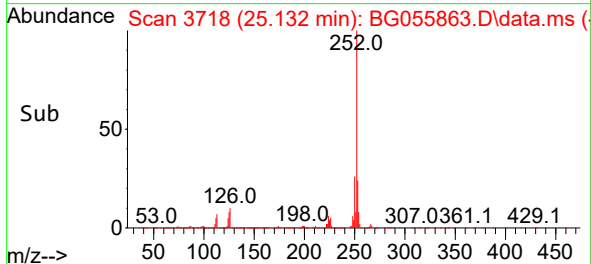
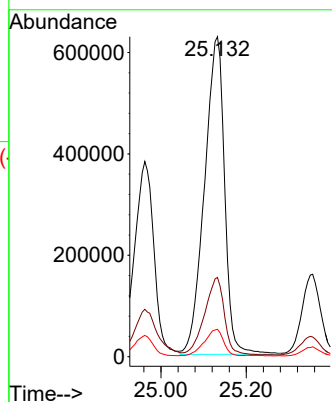
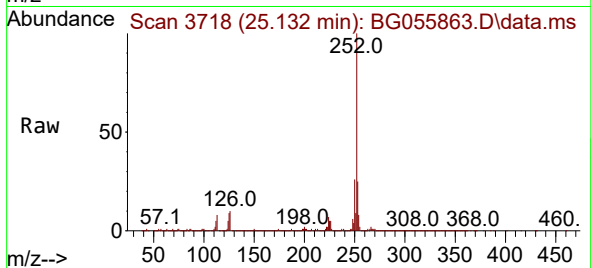
Tgt Ion:252 Resp: 2050164

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.6

125 8.6 6.4 9.6



#91

Dibenzo(a,h)anthracene

Concen: 13.896 ng

RT: 29.210 min Scan# 4412

Delta R.T. -0.000 min

Lab File: BG055863.D

Acq: 1 Dec 2022 20:03

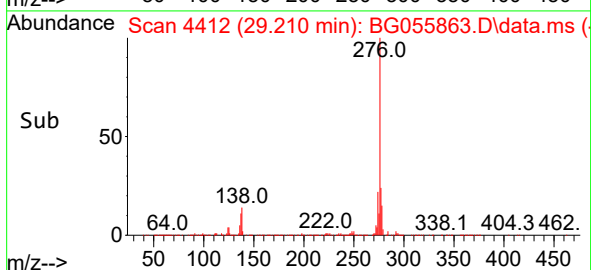
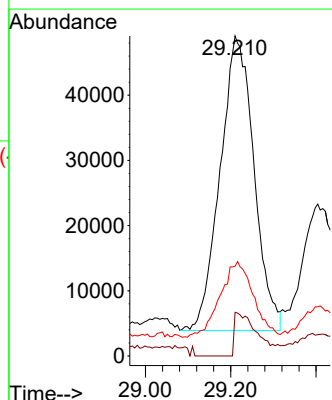
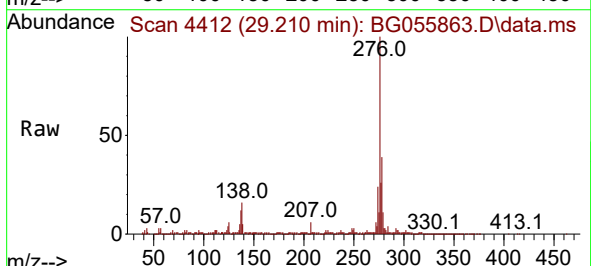
Tgt Ion:278 Resp: 248617

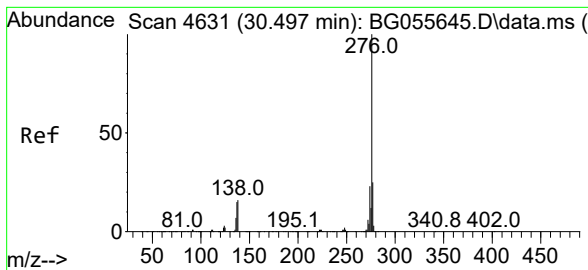
Ion Ratio Lower Upper

278 100

139 13.6 9.8 14.8

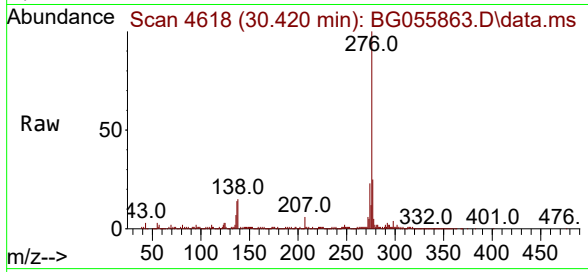
279 28.1 19.8 29.6





#92
Benzo(g,h,i)perylene
Concen: 45.529 ng
RT: 30.420 min Scan# 4
Delta R.T. 0.047 min
Lab File: BG055863.D
Acq: 1 Dec 2022 20:03

Instrument :
BNA_G
ClientSampleId :
S1



Tgt Ion:276 Resp: 821023
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.6
138 15.1 13.1 19.7

