

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057183.D
 Acq On : 25 Apr 2023 19:23
 Operator : CG/JU
 Sample : 02386-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-2WC-23-04DL

Quant Time: Apr 26 00:24:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.390	152	18628	20.000	ng	0.00
21) Naphthalene-d8	11.227	136	72628	20.000	ng	0.00
39) Acenaphthene-d10	14.999	164	49041	20.000	ng	0.00
64) Phenanthrene-d10	17.742	188	102047	20.000	ng	0.00
76) Chrysene-d12	22.060	240	91816	20.000	ng	0.00
86) Perylene-d12	25.596	264	101532	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.905	112	25494	24.801	ng	0.00
7) Phenol-d6	7.520	99	37897	25.481	ng	0.00
23) Nitrobenzene-d5	9.559	82	25547	17.389	ng	0.00
42) 2,4,6-Tribromophenol	16.485	330	14667	22.667	ng	0.00
45) 2-Fluorobiphenyl	13.624	172	61220	16.777	ng	0.00
79) Terphenyl-d14	20.309	244	89783	17.104	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.509	77	4438	4.982	ng	# 1
12) 1,3-Dichlorobenzene	8.278	146	7666	6.009	ng	94
13) 1,4-Dichlorobenzene	8.425	146	29330	22.814	ng	99
14) 1,2-Dichlorobenzene	8.748	146	34304	27.636	ng	97
15) Benzyl Alcohol	8.607	79	5015	4.576	ng	# 56
18) Hexachloroethane	9.494	117	6096	13.977	ng	# 1
19) n-Nitroso-di-n-propyla...	9.142	70	2307	2.494	ng	# 27
22) Acetophenone	9.195	105	16582	8.416	ng	# 58
30) 1,2,4-Trichlorobenzene	11.080	180	19223	13.324	ng	87
31) Naphthalene	11.274	128	63407	16.437	ng	98
32) Benzoic acid	10.393	122	1218	8.274	ng	# 13
35) Caprolactam	12.191	113	1406	4.304	ng	# 1
37) 2-Methylnaphthalene	12.854	142	52539	17.307	ng	96
38) 1-Methylnaphthalene	12.854	142	52539	18.746	ng	95
46) 1,1'-Biphenyl	13.835	154	43191	11.816	ng	96
48) 2-Nitroaniline	14.047	65	9919	17.627	ng	# 7
54) 2,4-Dinitrophenol	15.398	184	56	6.588	ng	# 1
56) 4-Nitrophenol	15.192	139	3389	6.749	ng	# 75
58) Fluorene	16.038	166	7901	2.117	ng	# 76
63) Azobenzene	16.332	77	10102	2.862	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.121	198	55	4.971	ng	# 1
66) n-Nitrosodiphenylamine	16.232	169	13833	5.195	ng	# 75
71) Phenanthrene	17.783	178	43731	8.394	ng	96
72) Anthracene	17.871	178	46171	8.765	ng	98
74) Di-n-butylphthalate	18.658	149	8970	2.169	ng	# 73
75) Fluoranthene	19.774	202	50489	7.801	ng	96
78) Pyrene	19.774	202	50489	8.099	ng	98
80) Butylbenzylphthalate	20.990	149	11652	9.909	ng	# 49
81) Benzo(a)anthracene	22.036	228	26000	4.119	ng	# 94
83) Chrysene	22.107	228	28819	4.734	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.895	149	651558	238.167	ng	# 99
85) Di-n-octyl phthalate	23.193	149	37505	9.108	ng	99
88) Benzo(b)fluoranthene	24.456	252	31146	4.894	ng	# 75
89) Benzo(k)fluoranthene	24.456	252	31146	4.731	ng	# 71
90) Benzo(a)pyrene	25.420	252	22826	3.641	ng	# 77
92) Benzo(g,h,i)perylene	30.942	276	13532	2.265	ng	93

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QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration

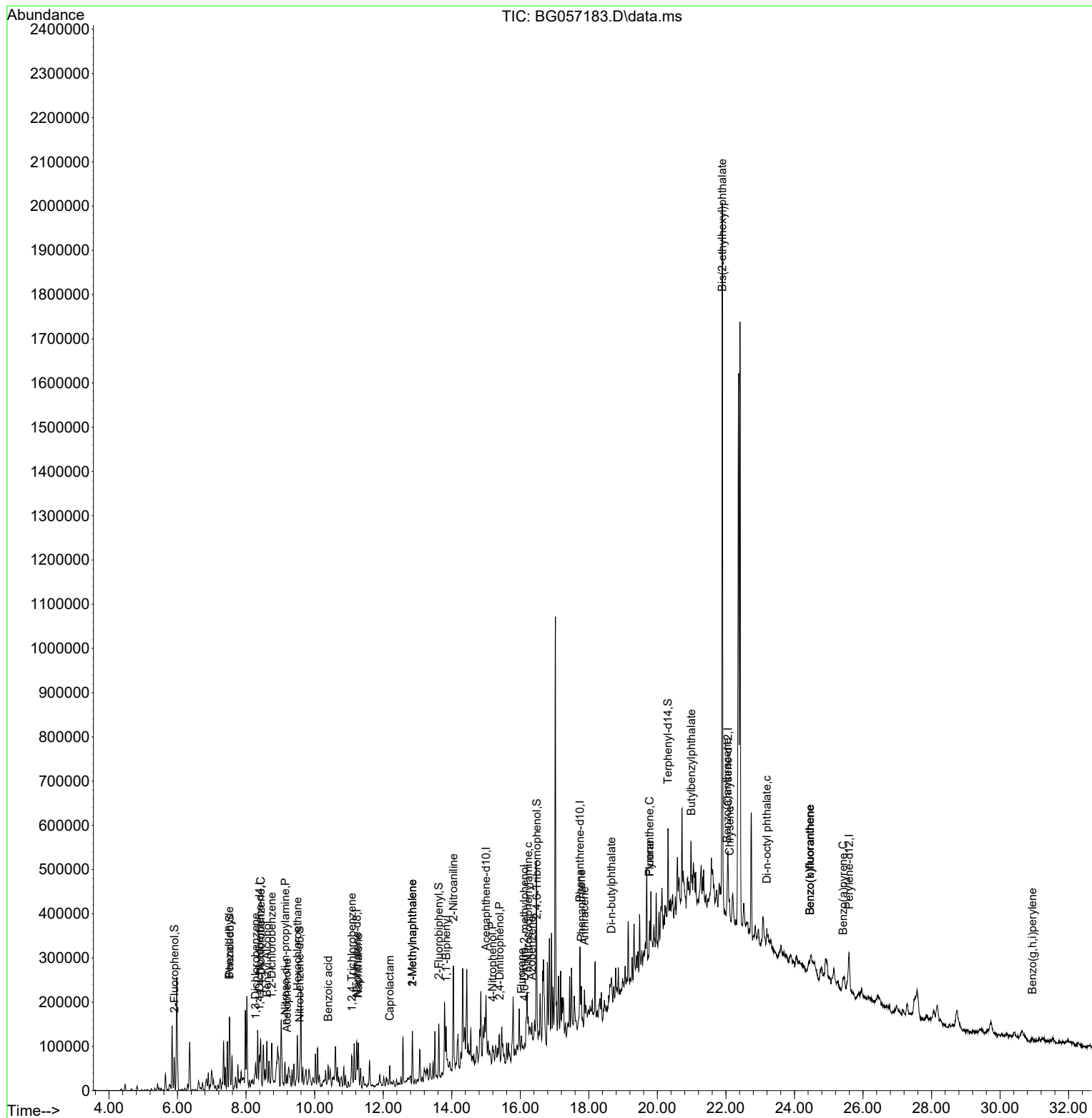
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

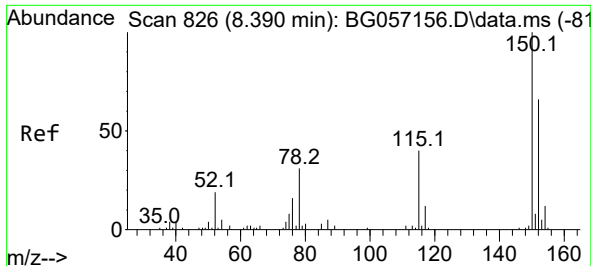
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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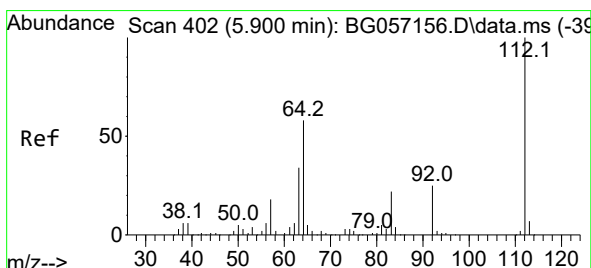
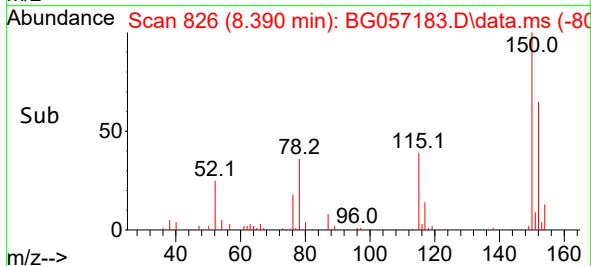
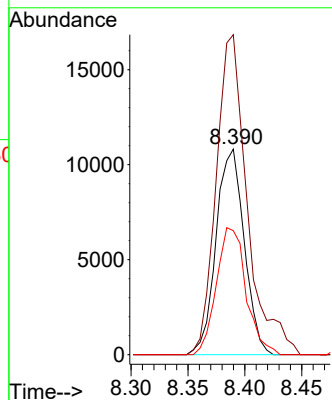
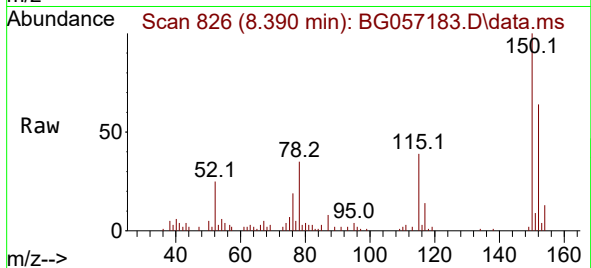




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.390 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

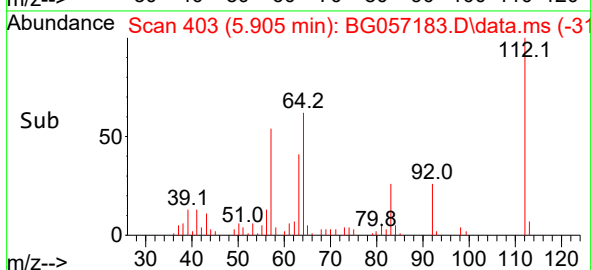
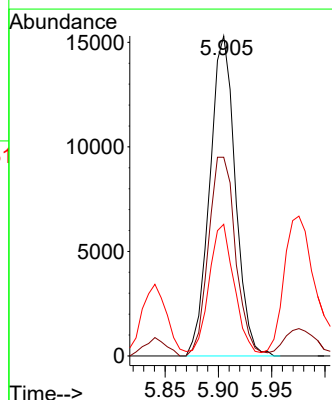
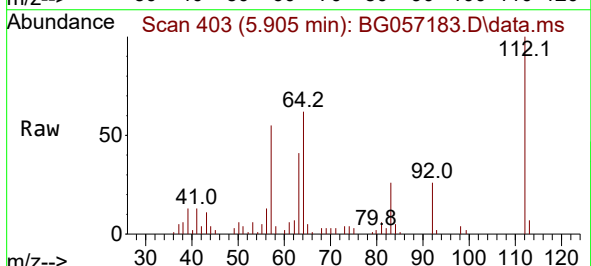
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

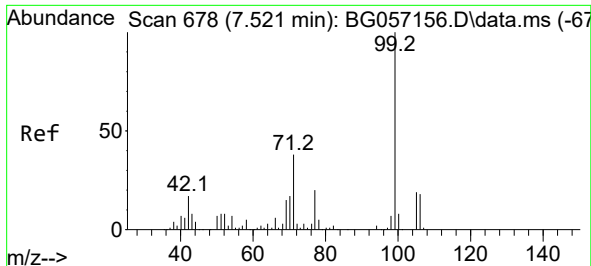
Tgt Ion:152 Resp: 18628
Ion Ratio Lower Upper
152 100
150 155.6 121.4 182.2
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 24.801 ng
RT: 5.905 min Scan# 403
Delta R.T. 0.005 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:112 Resp: 25494
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 41.1 26.9 40.3#

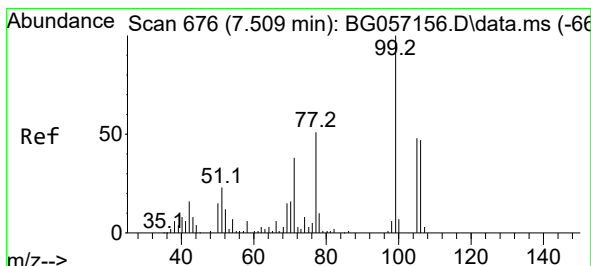
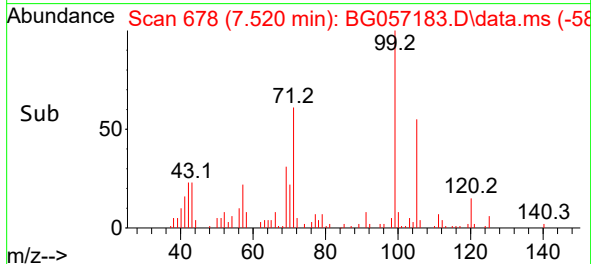
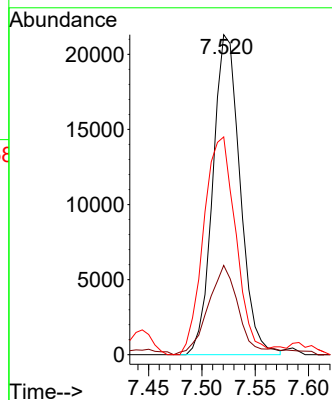
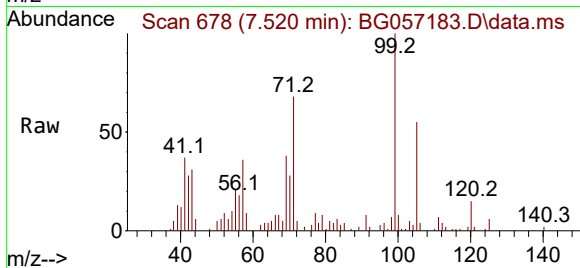




#7
Phenol-d6
Concen: 25.481 ng
RT: 7.520 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

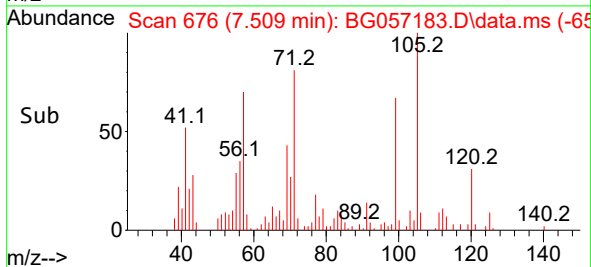
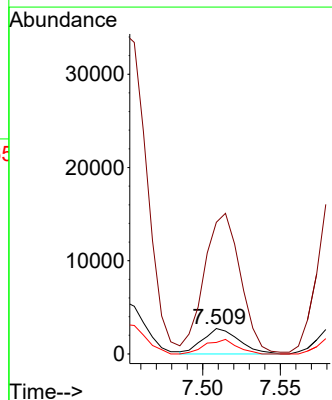
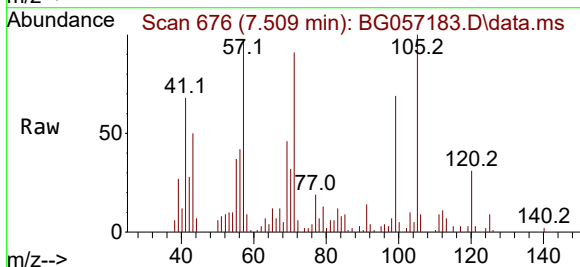
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

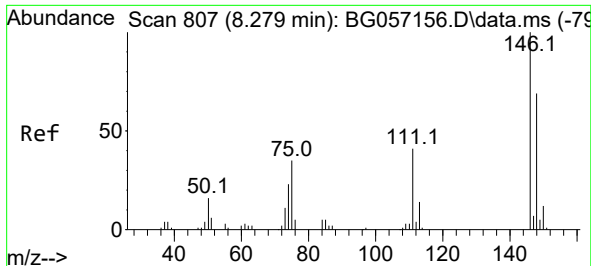
Tgt Ion: 99 Resp: 37897
Ion Ratio Lower Upper
99 100
42 27.9 13.4 20.0#
71 68.1 30.2 45.2#



#9
Benzaldehyde
Concen: 4.982 ng
RT: 7.509 min Scan# 676
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 77 Resp: 4438
Ion Ratio Lower Upper
77 100
105 518.2 73.5 113.5#
106 45.2 72.7 112.7#





#12

1,3-Dichlorobenzene

Concen: 6.009 ng

RT: 8.278 min Scan# 807

Delta R.T. -0.000 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

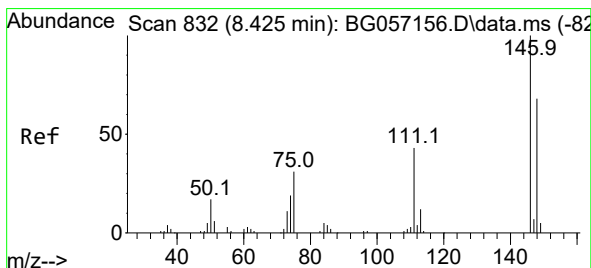
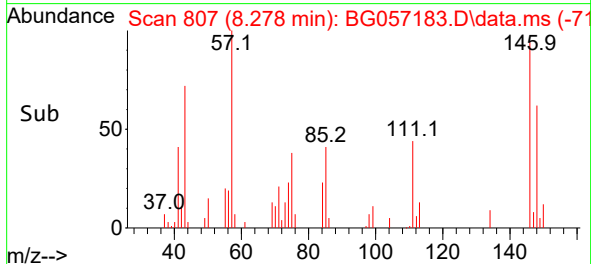
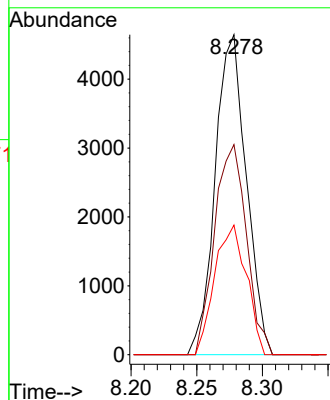
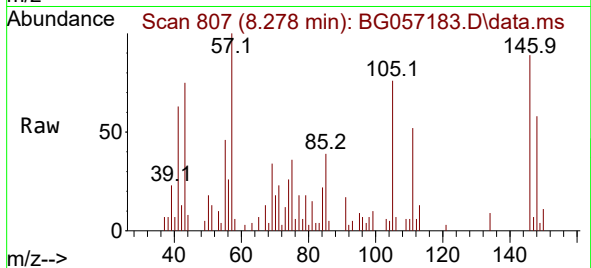
Tgt Ion:146 Resp: 7666

Ion Ratio Lower Upper

146 100

148 65.7 55.4 83.2

75 40.5 28.2 42.4



#13

1,4-Dichlorobenzene

Concen: 22.814 ng

RT: 8.425 min Scan# 832

Delta R.T. 0.000 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

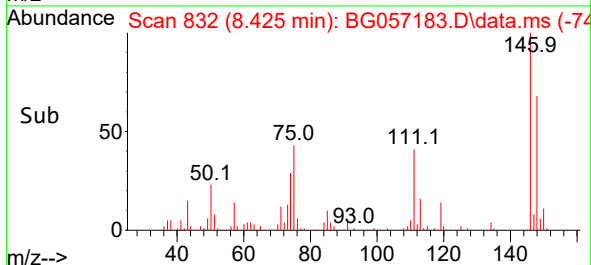
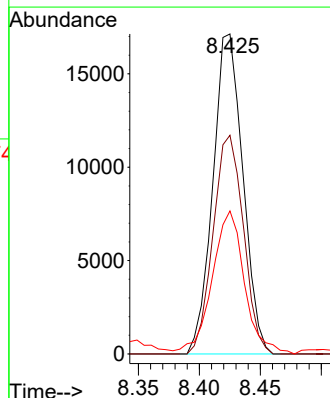
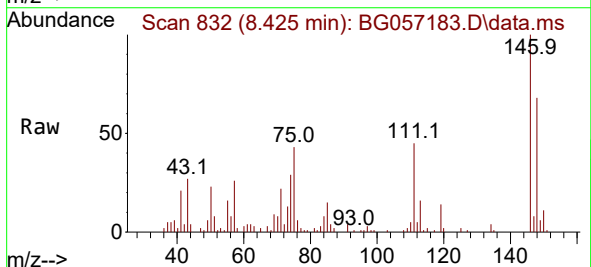
Tgt Ion:146 Resp: 29330

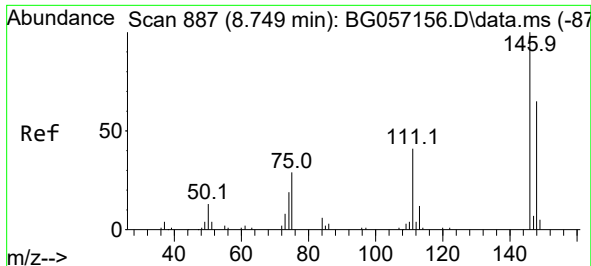
Ion Ratio Lower Upper

146 100

148 68.4 54.3 81.5

111 44.7 34.2 51.4





#14

1,2-Dichlorobenzene

Concen: 27.636 ng

RT: 8.748 min Scan# 887

Delta R.T. -0.000 min

Lab File: BG057183.D

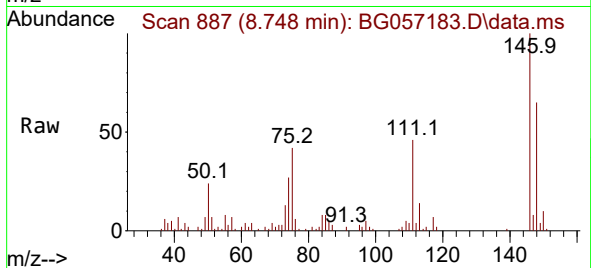
Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL



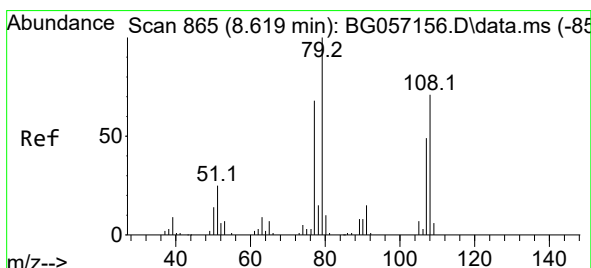
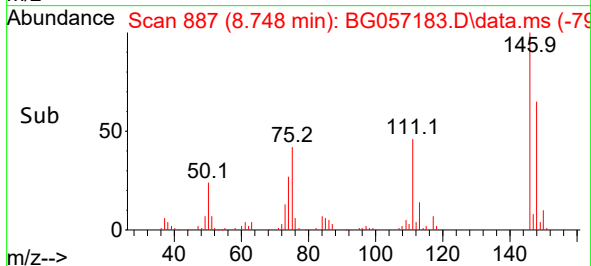
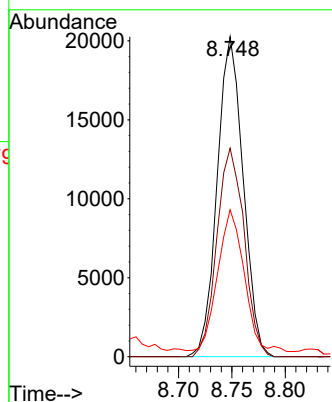
Tgt Ion:146 Resp: 34304

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

111 45.9 33.1 49.7



#15

Benzyl Alcohol

Concen: 4.576 ng

RT: 8.607 min Scan# 863

Delta R.T. -0.012 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

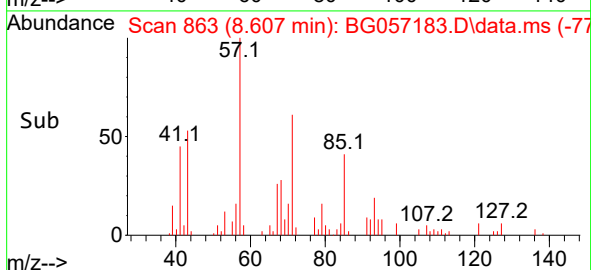
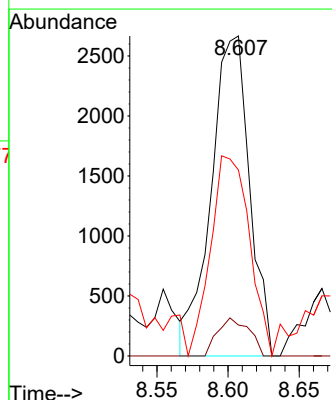
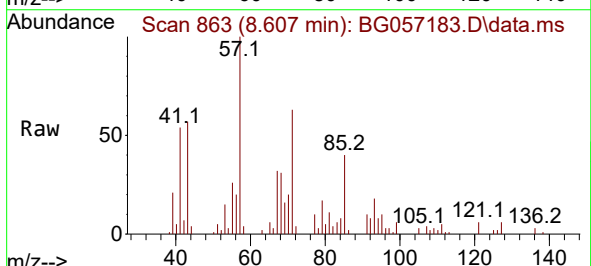
Tgt Ion: 79 Resp: 5015

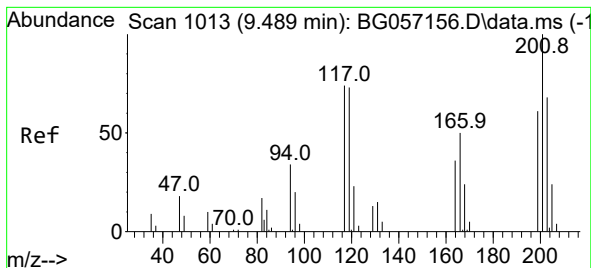
Ion Ratio Lower Upper

79 100

108 9.7 56.8 85.2#

77 58.1 54.2 81.2





#18

Hexachloroethane

Concen: 13.977 ng

RT: 9.494 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

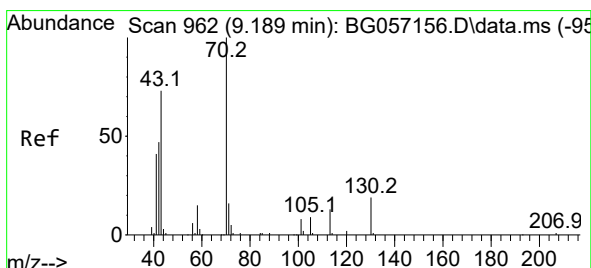
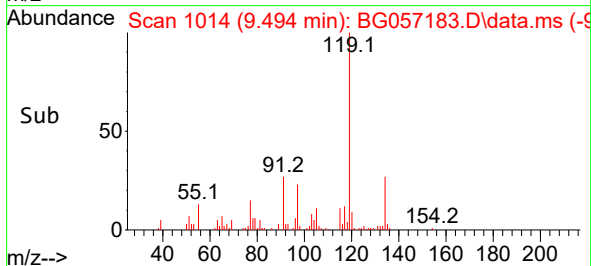
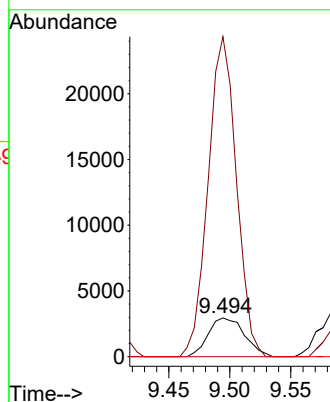
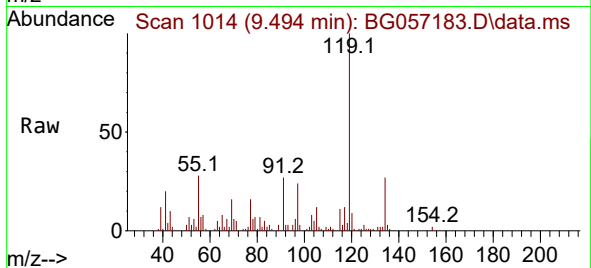
Tgt Ion:117 Resp: 6096

Ion Ratio Lower Upper

117 100

119 825.2 78.3 117.5#

201 0.0 107.6 161.4#



#19

n-Nitroso-di-n-propylamine

Concen: 2.494 ng

RT: 9.142 min Scan# 954

Delta R.T. -0.047 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Tgt Ion: 70 Resp: 2307

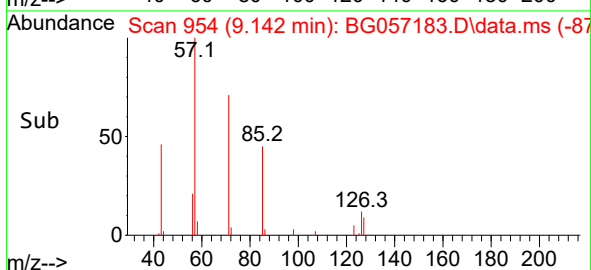
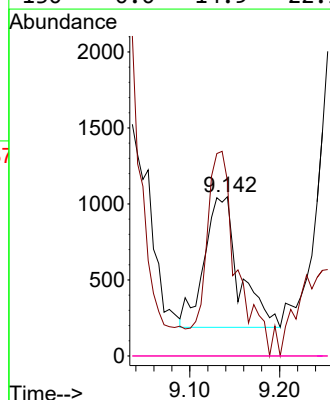
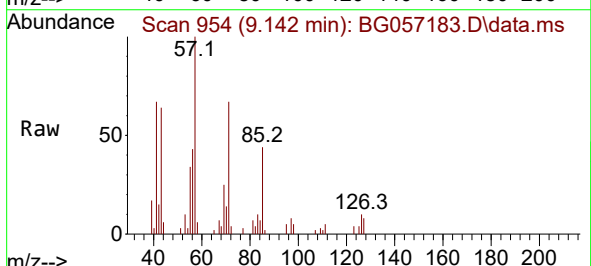
Ion Ratio Lower Upper

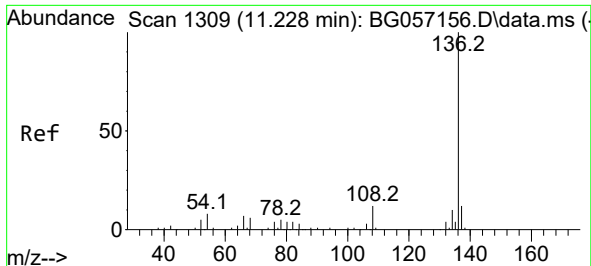
70 100

42 110.1 38.0 57.0#

101 0.0 6.6 9.8#

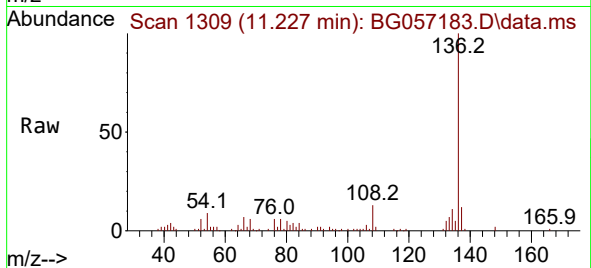
130 0.0 14.9 22.3#



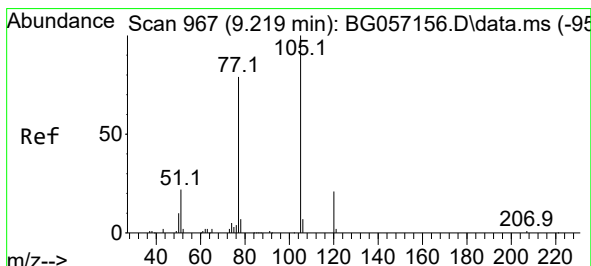
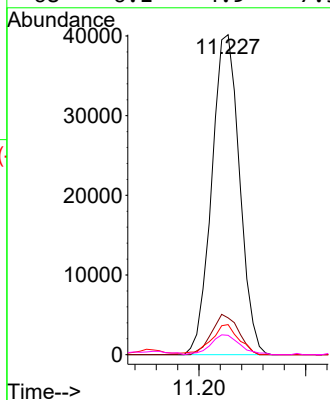
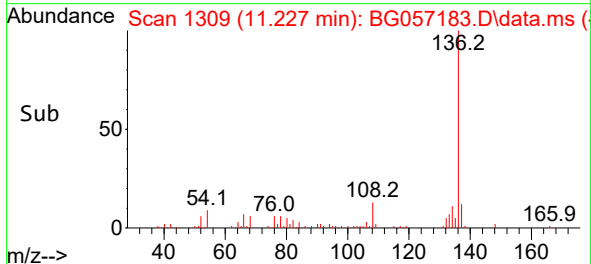


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

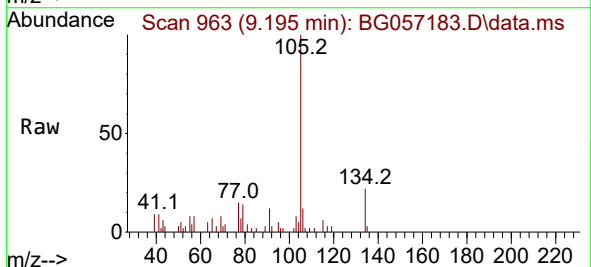
Instrument :
BNA_G
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SPA-2WC-23-04DL



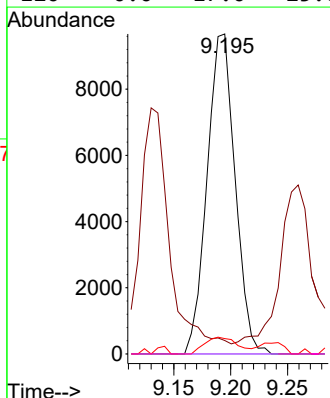
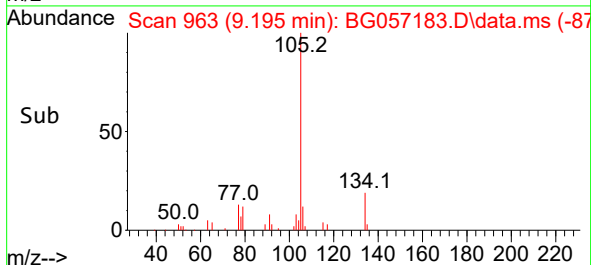
Tgt Ion:	136	Resp:	72628
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.5	14.3
54	9.4	6.4	9.6
68	6.1	4.9	7.3

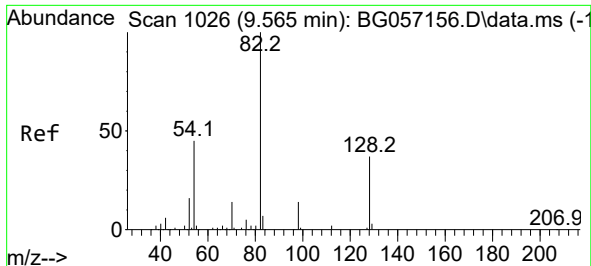


#22
Acetophenone
Concen: 8.416 ng
RT: 9.195 min Scan# 963
Delta R.T. -0.024 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23



Tgt Ion:	105	Resp:	16582
Ion Ratio	Lower	Upper	
105	100		
71	4.2	0.2	0.4#
51	4.8	19.4	29.0#
120	0.0	17.0	25.6#





#23

Nitrobenzene-d5

Concen: 17.389 ng

RT: 9.559 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

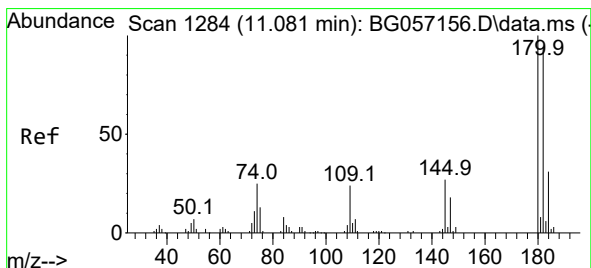
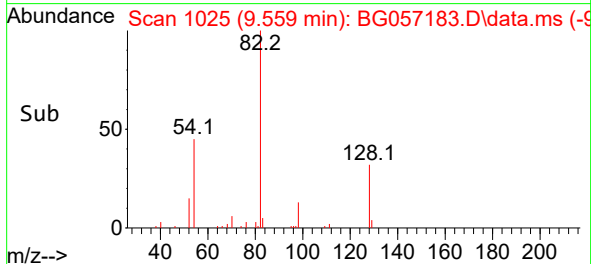
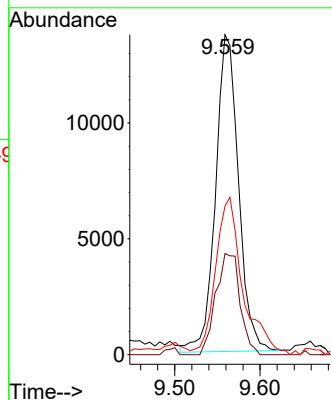
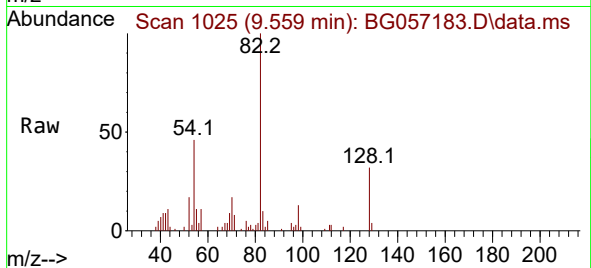
Tgt Ion: 82 Resp: 25547

Ion Ratio Lower Upper

82 100

128 31.6 29.4 44.2

54 46.5 36.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 13.324 ng

RT: 11.080 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

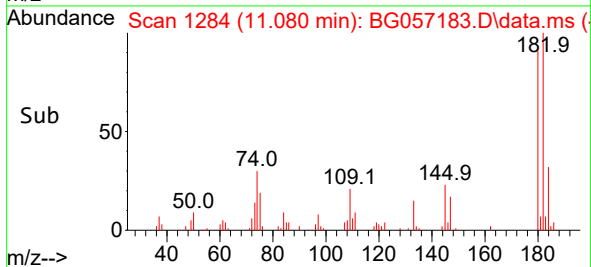
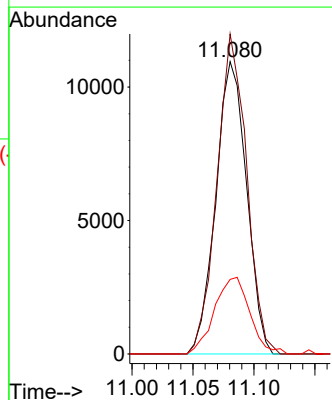
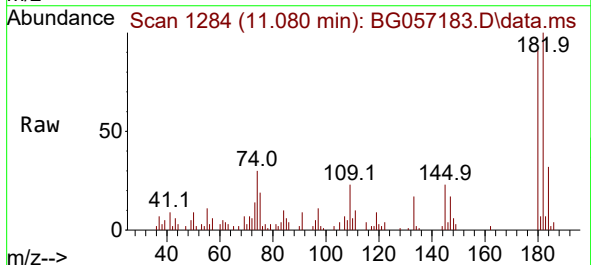
Tgt Ion: 180 Resp: 19223

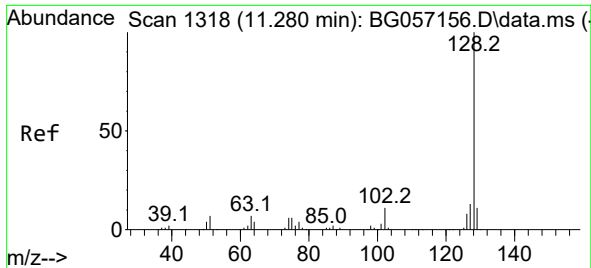
Ion Ratio Lower Upper

180 100

182 109.5 75.0 112.6

145 25.5 21.4 32.2

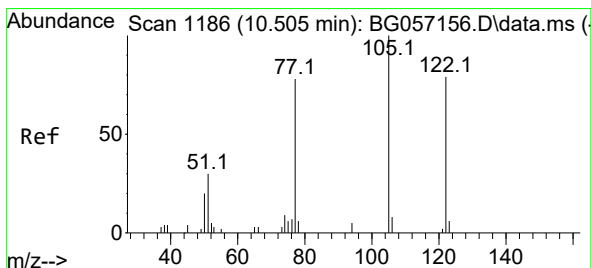
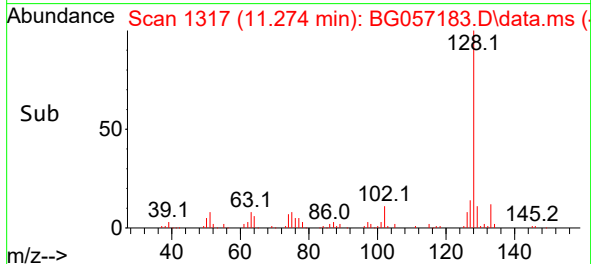
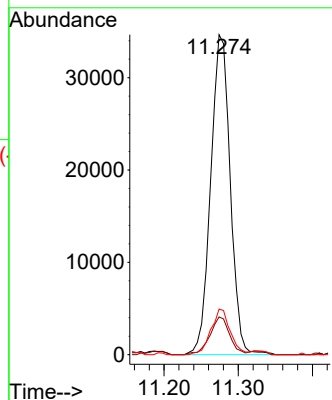
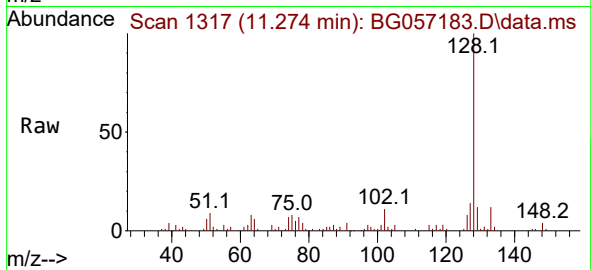




#31
Naphthalene
Concen: 16.437 ng
RT: 11.274 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

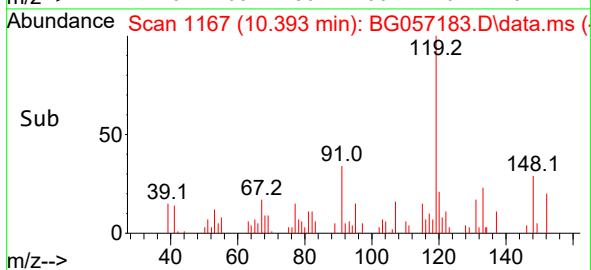
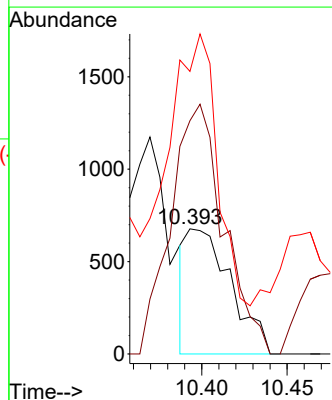
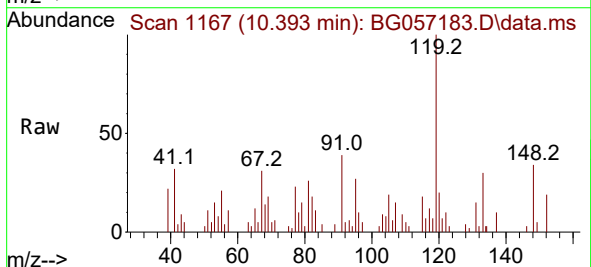
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

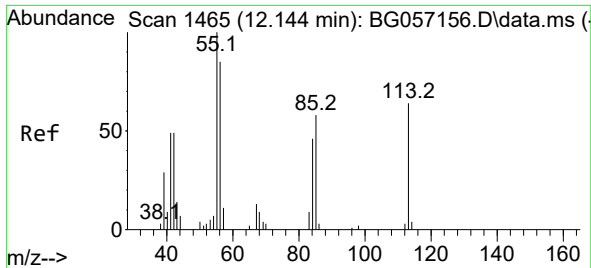
Tgt Ion:128 Resp: 63407
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.2 10.6 16.0



#32
Benzoic acid
Concen: 8.274 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.112 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:122 Resp: 1218
Ion Ratio Lower Upper
122 100
105 186.6 104.3 144.3#
77 225.8 79.5 119.5#

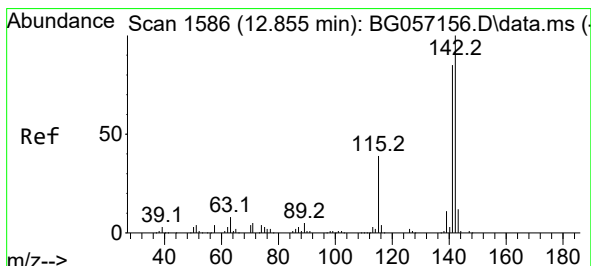
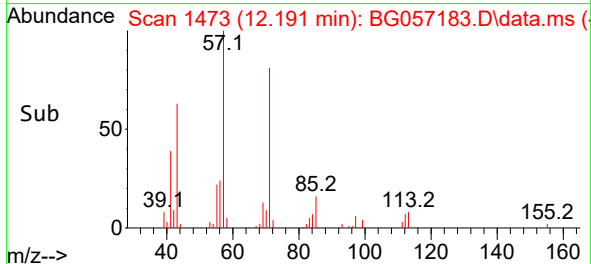
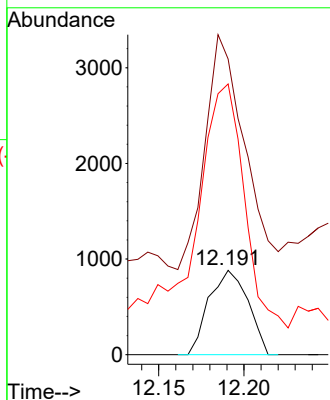
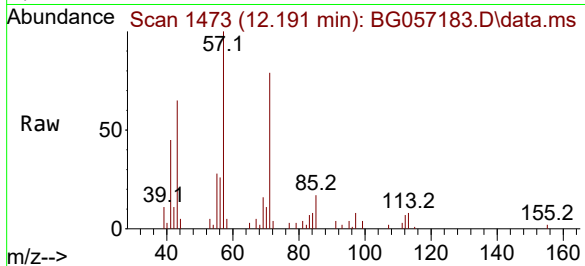




#35
 Caprolactam
 Concen: 4.304 ng
 RT: 12.191 min Scan# 1465
 Delta R.T. 0.047 min
 Lab File: BG057183.D
 Acq: 25 Apr 2023 19:23

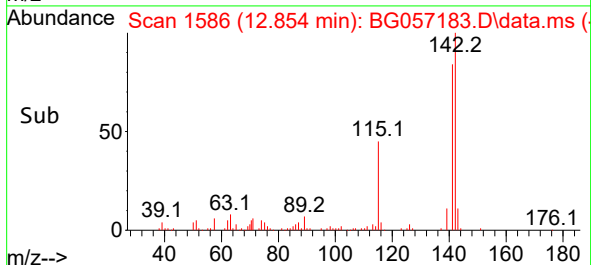
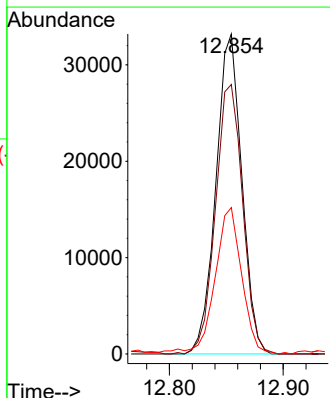
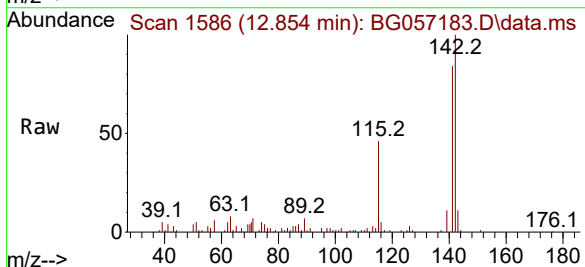
Instrument :
 BNA_G
 ClientSampleId :
 SPA-2WC-23-04DL

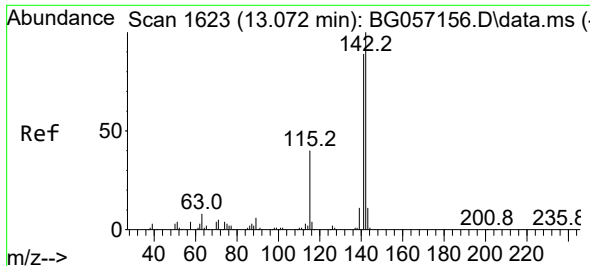
Tgt Ion:113 Resp: 1406
 Ion Ratio Lower Upper
 113 100
 55 350.6 135.8 175.8#
 56 321.0 111.8 151.8#



#37
 2-Methylnaphthalene
 Concen: 17.307 ng
 RT: 12.854 min Scan# 1586
 Delta R.T. -0.001 min
 Lab File: BG057183.D
 Acq: 25 Apr 2023 19:23

Tgt Ion:142 Resp: 52539
 Ion Ratio Lower Upper
 142 100
 141 84.2 68.1 102.1
 115 45.8 31.0 46.4

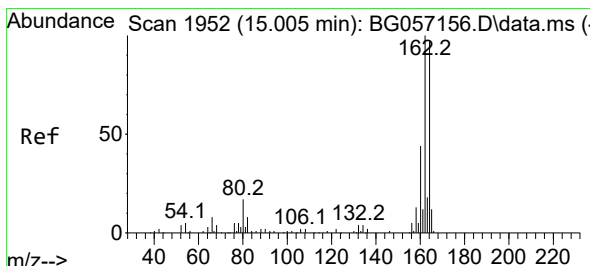
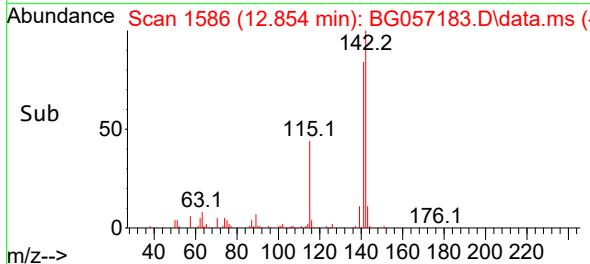
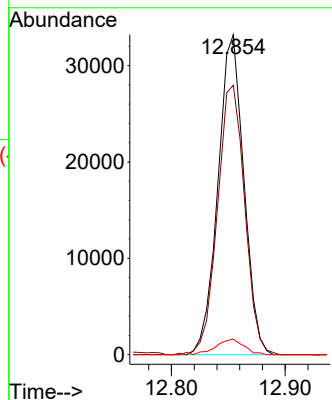
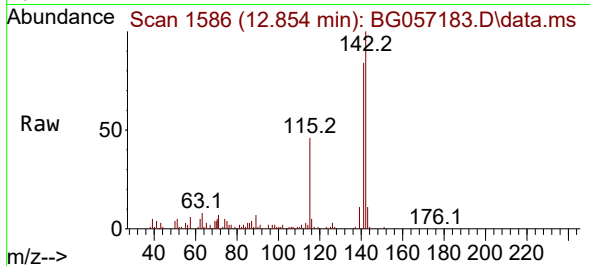




#38
1-Methylnaphthalene
Concen: 18.746 ng
RT: 12.854 min Scan# 11
Delta R.T. -0.218 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

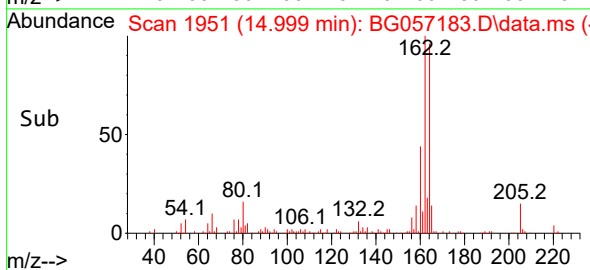
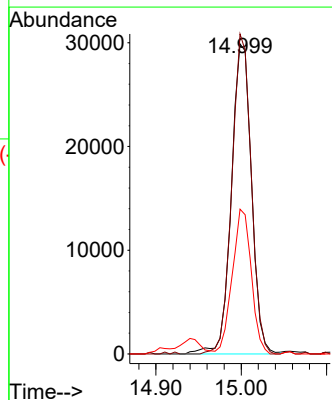
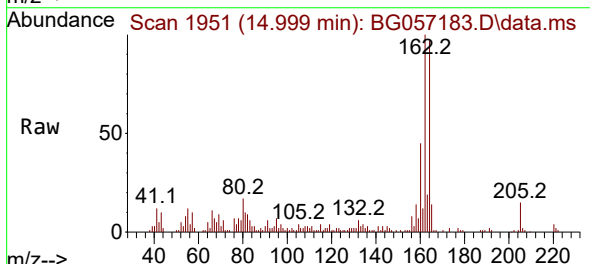
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

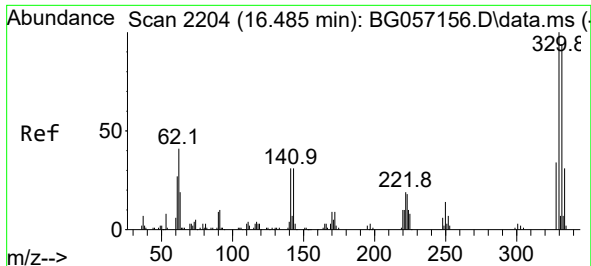
Tgt Ion:142 Resp: 52539
Ion Ratio Lower Upper
142 100
141 84.2 71.6 107.4
116 4.8 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:164 Resp: 49041
Ion Ratio Lower Upper
164 100
162 103.2 82.4 123.6
160 46.7 36.2 54.2

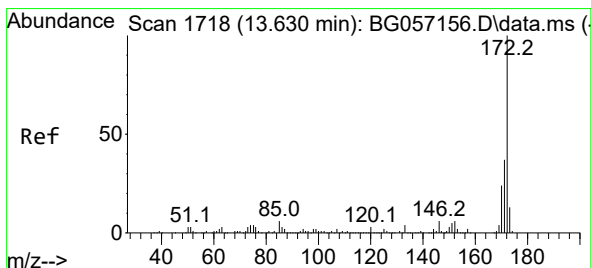
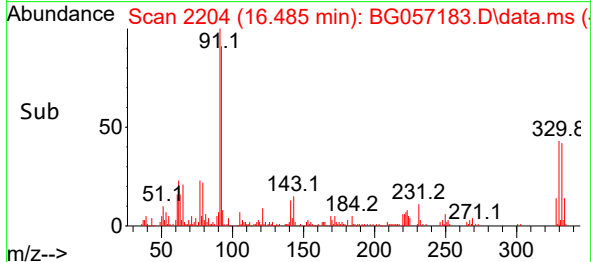
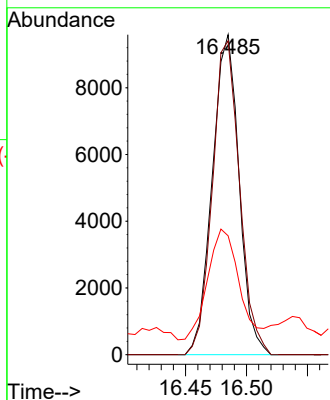
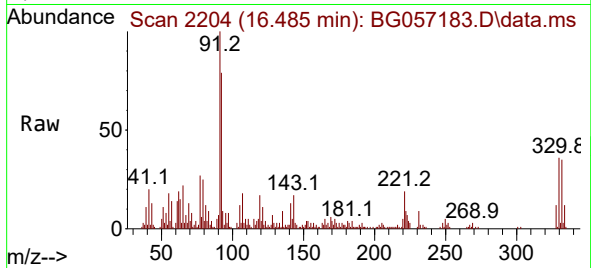




#42
2,4,6-Tribromophenol
Concen: 22.667 ng
RT: 16.485 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

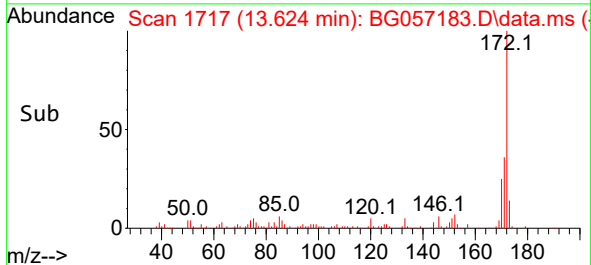
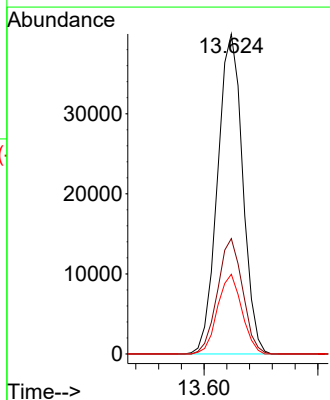
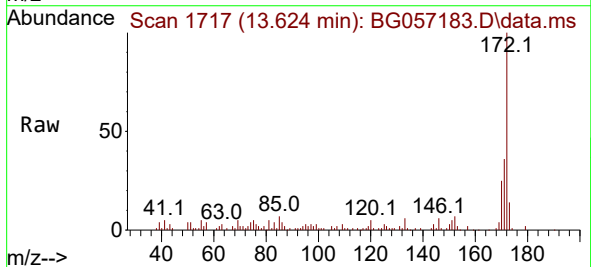
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

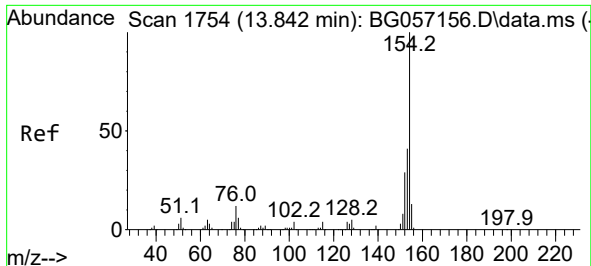
Tgt Ion:330 Resp: 14667
Ion Ratio Lower Upper
330 100
332 99.6 77.6 116.4
141 40.3 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 16.777 ng
RT: 13.624 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:172 Resp: 61220
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.9 19.4 29.2

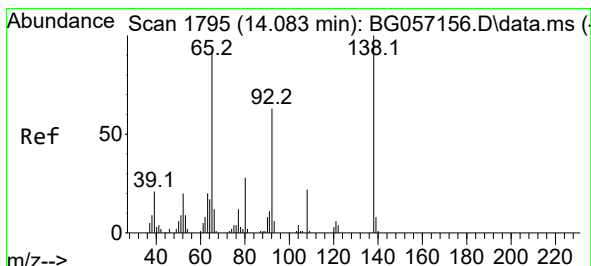
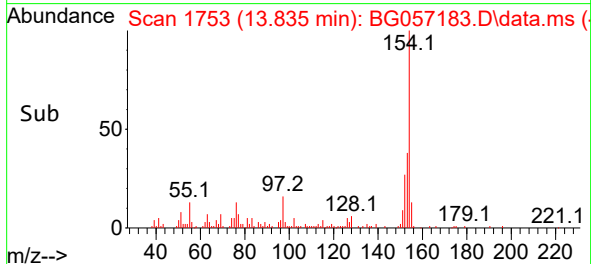
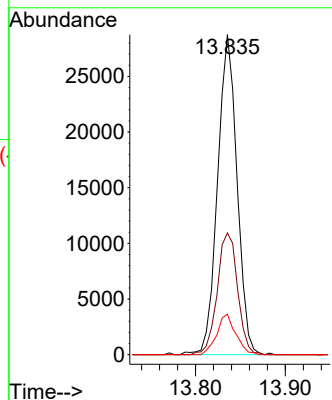
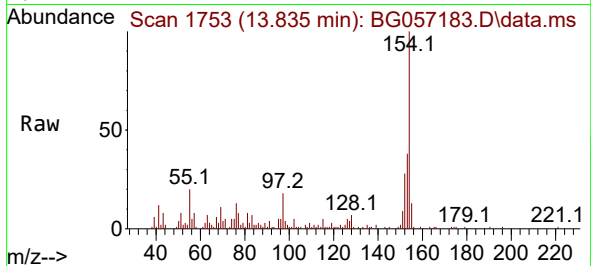




#46
1,1'-Biphenyl
Concen: 11.816 ng
RT: 13.835 min Scan# 1753
Delta R.T. -0.007 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

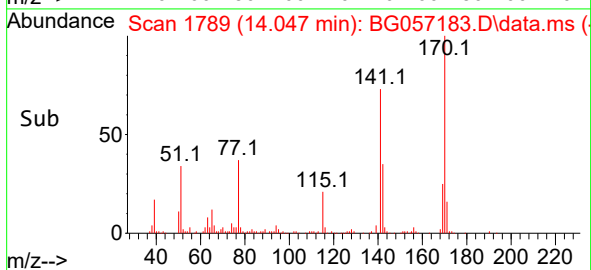
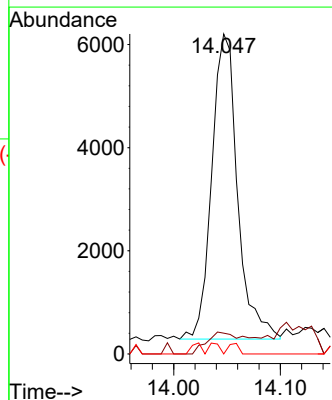
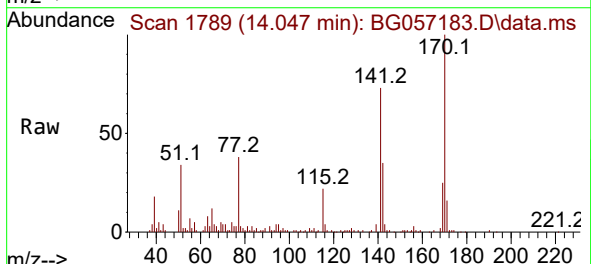
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

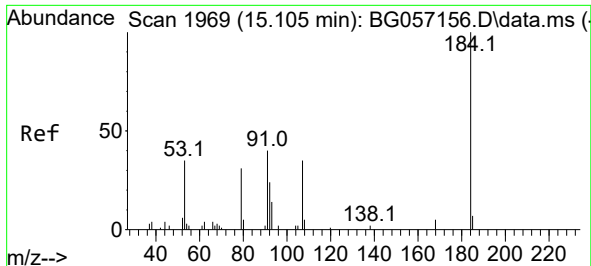
Tgt Ion:154 Resp: 43191
Ion Ratio Lower Upper
154 100
153 38.0 20.9 60.9
76 12.7 0.0 32.3



#48
2-Nitroaniline
Concen: 17.627 ng
RT: 14.047 min Scan# 1789
Delta R.T. -0.036 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 65 Resp: 9919
Ion Ratio Lower Upper
65 100
92 6.5 54.9 82.3#
138 0.0 86.6 129.8#

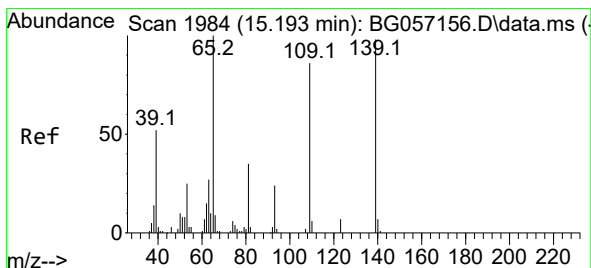
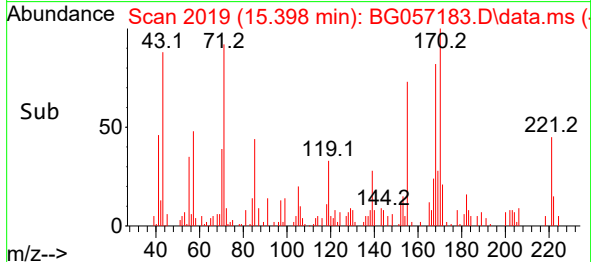
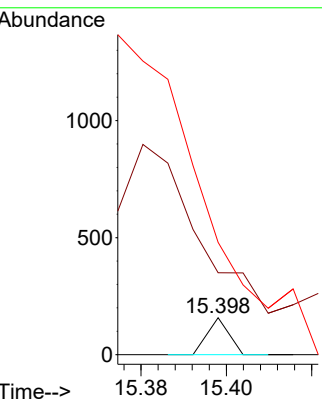
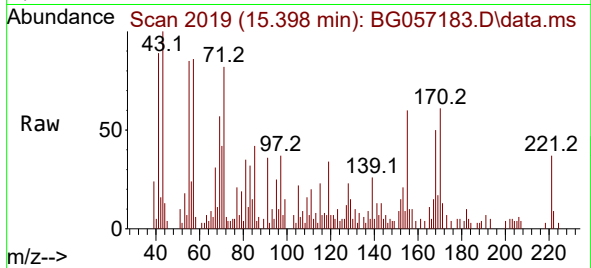




#54
2,4-Dinitrophenol
Concen: 6.588 ng
RT: 15.398 min Scan# 2019
Delta R.T. 0.293 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

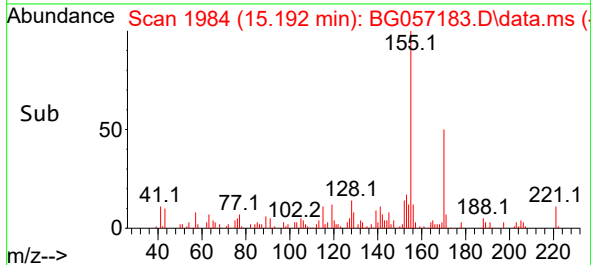
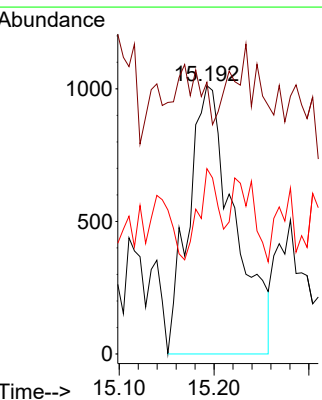
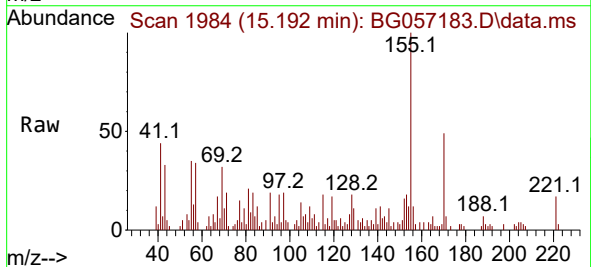
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

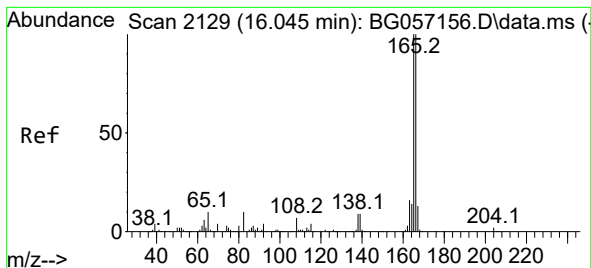
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 221.5 43.4 65.0#
154 303.8 45.2 67.8#



#56
4-Nitrophenol
Concen: 6.749 ng
RT: 15.192 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:139 Resp: 3389
Ion Ratio Lower Upper
139 100
109 101.3 67.3 107.3
65 69.1 82.0 122.0#





#58

Fluorene

Concen: 2.117 ng

RT: 16.038 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

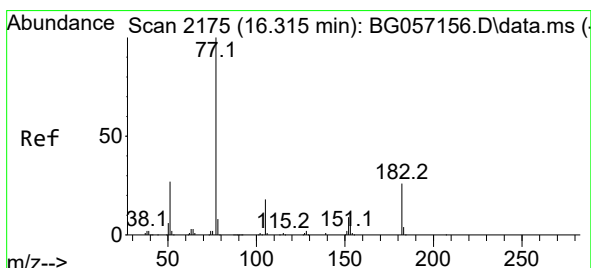
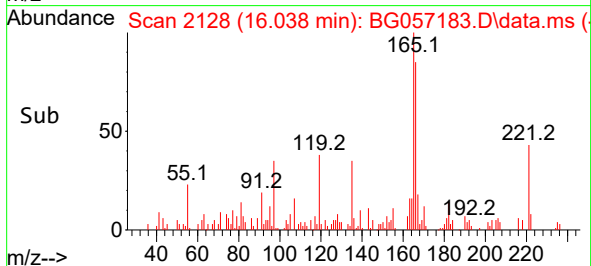
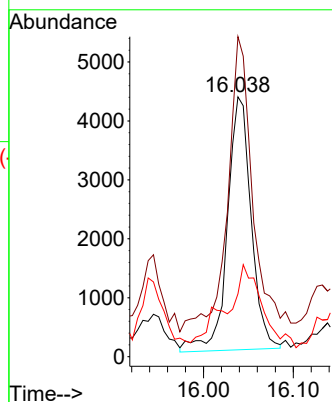
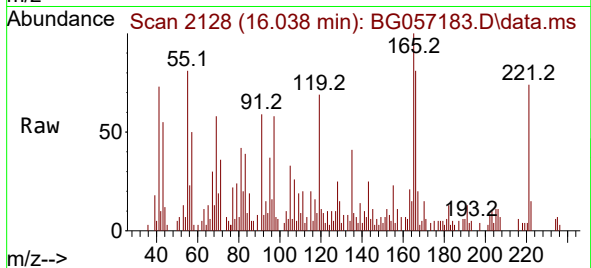
Tgt Ion:166 Resp: 7901

Ion Ratio Lower Upper

166 100

165 123.2 79.8 119.6#

167 24.2 10.7 16.1#



#63

Azobenzene

Concen: 2.862 ng

RT: 16.332 min Scan# 2178

Delta R.T. 0.017 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Tgt Ion: 77 Resp: 10102

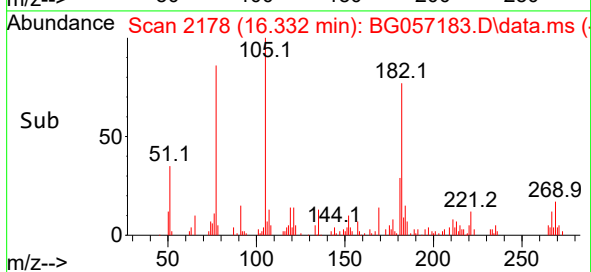
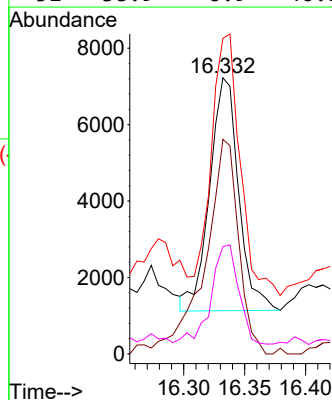
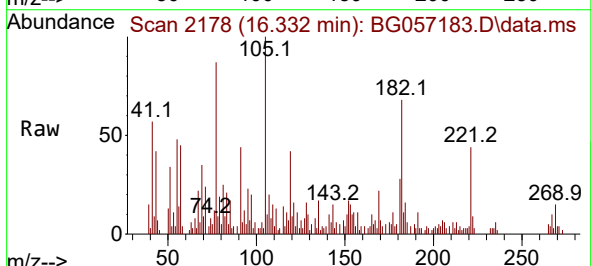
Ion Ratio Lower Upper

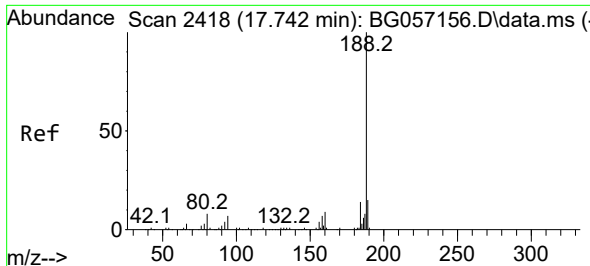
77 100

182 77.7 6.1 46.1#

105 114.3 0.0 38.4#

51 38.9 6.9 46.9

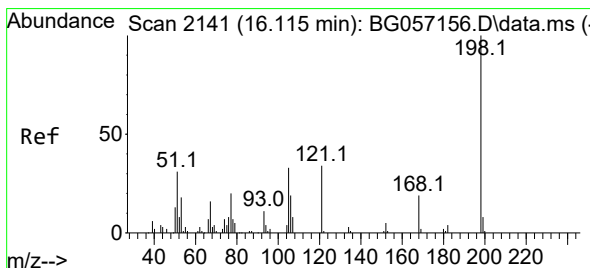
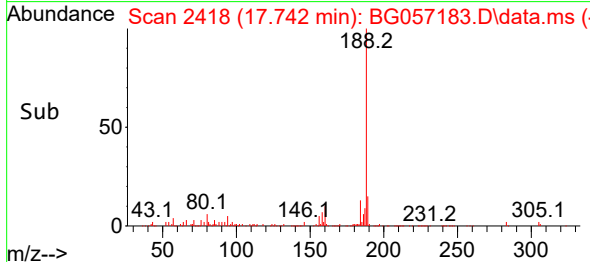
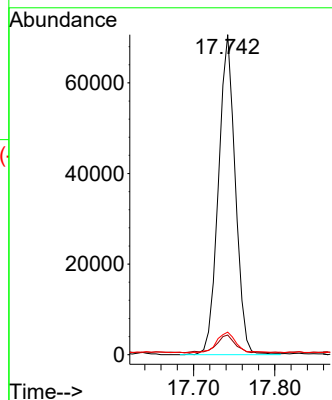
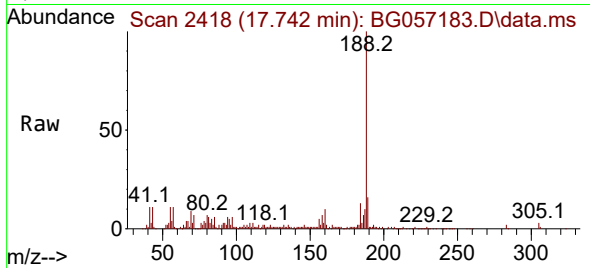




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.742 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

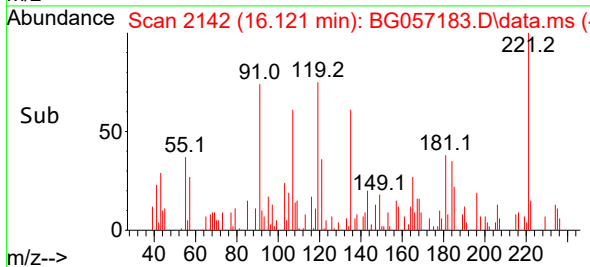
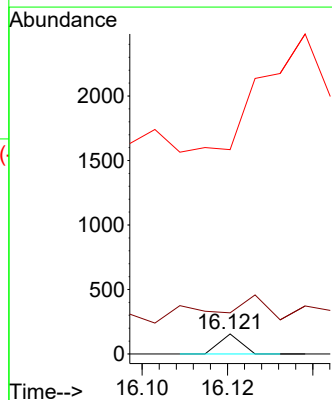
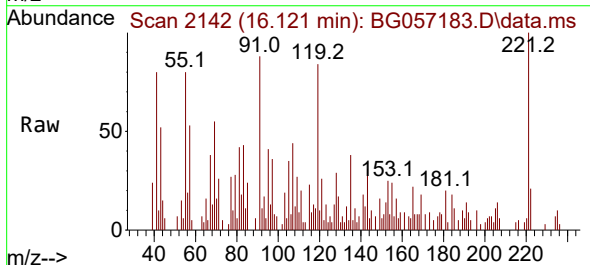
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

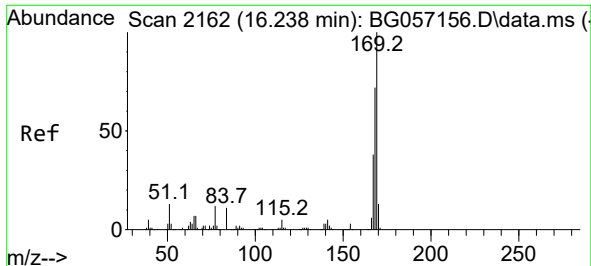
Tgt Ion:188 Resp: 102047
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.0 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.971 ng
RT: 16.121 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 205.8 13.1 53.1#
105 1021.9 14.1 54.1#

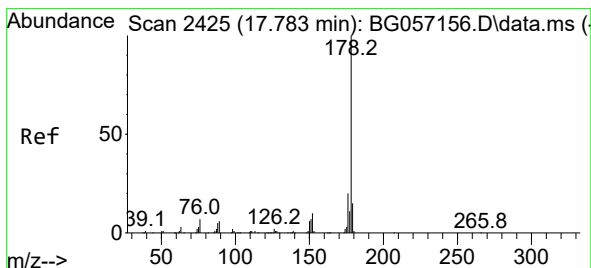
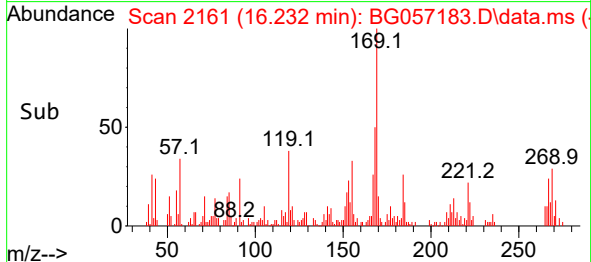
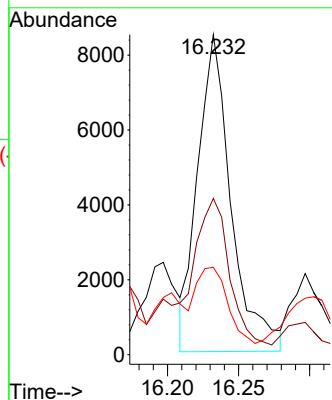
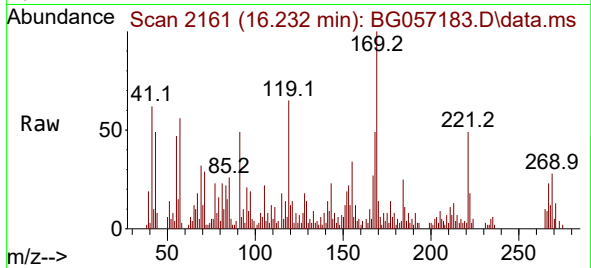




#66
n-Nitrosodiphenylamine
Concen: 5.195 ng
RT: 16.232 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

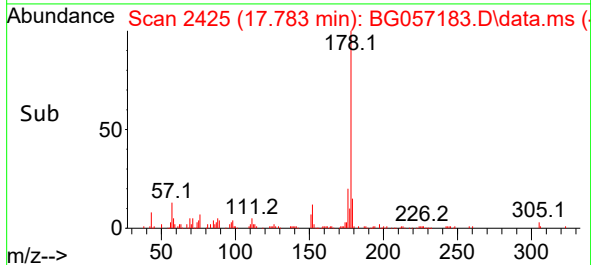
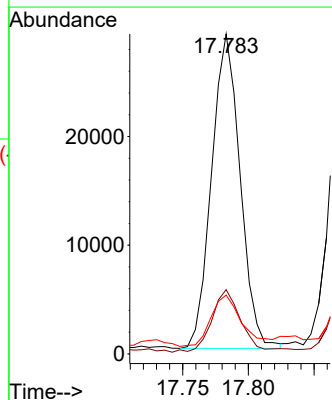
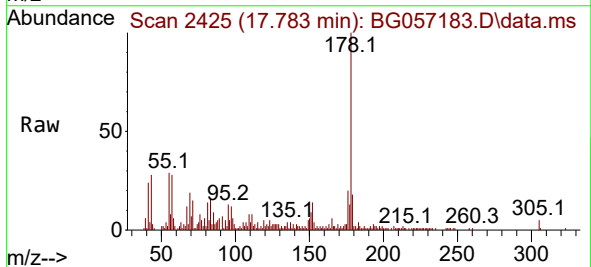
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

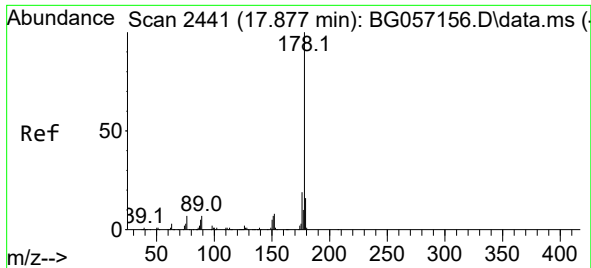
Tgt Ion:169 Resp: 13833
Ion Ratio Lower Upper
169 100
168 48.8 57.8 86.6#
167 27.3 30.5 45.7#



#71
Phenanthrene
Concen: 8.394 ng
RT: 17.783 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:178 Resp: 43731
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 18.4 12.4 18.6

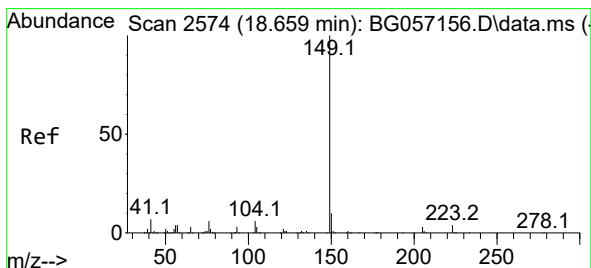
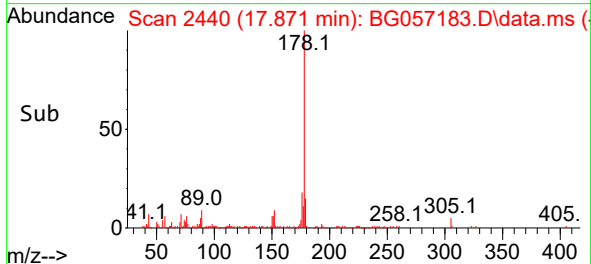
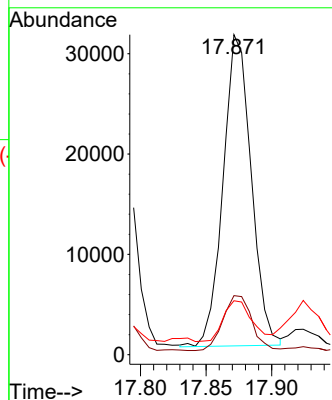
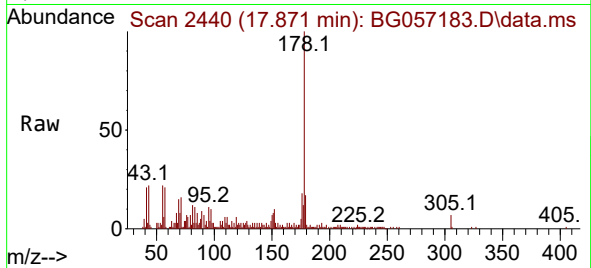




#72
 Anthracene
 Concen: 8.765 ng
 RT: 17.871 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BG057183.D
 Acq: 25 Apr 2023 19:23

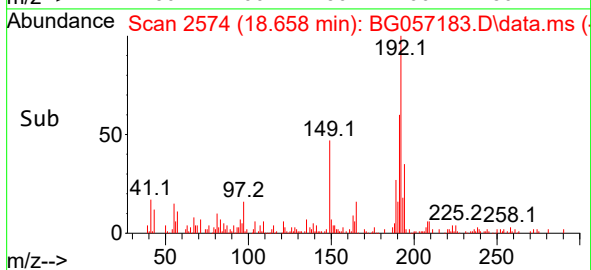
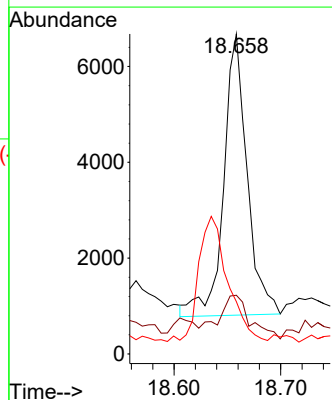
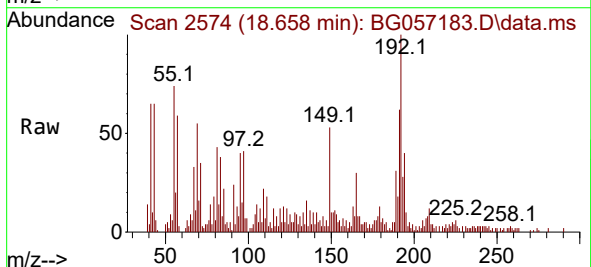
Instrument :
 BNA_G
 ClientSampleId :
 SPA-2WC-23-04DL

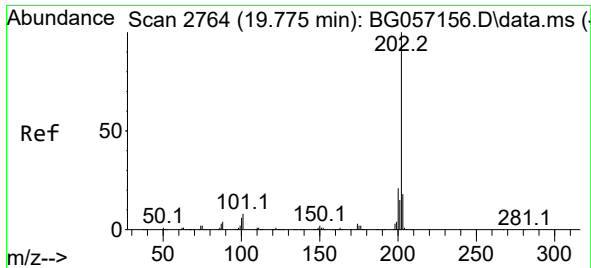
Tgt Ion:178 Resp: 46171
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 16.9 12.5 18.7



#74
 Di-n-butylphthalate
 Concen: 2.169 ng
 RT: 18.658 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BG057183.D
 Acq: 25 Apr 2023 19:23

Tgt Ion:149 Resp: 8970
 Ion Ratio Lower Upper
 149 100
 150 18.4 7.6 11.4#
 104 16.3 4.7 7.1#

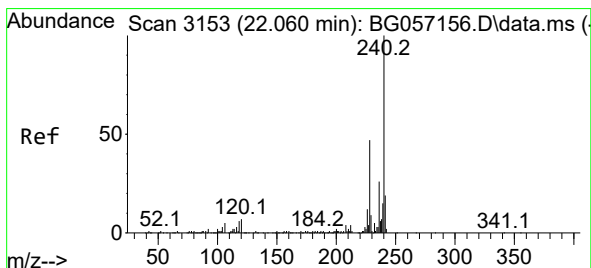
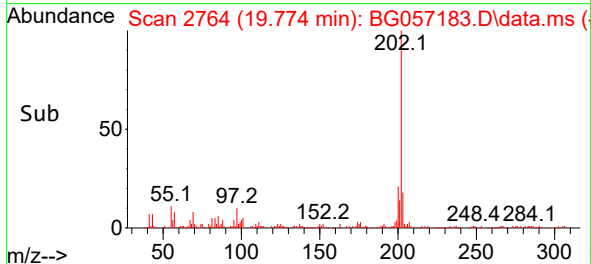
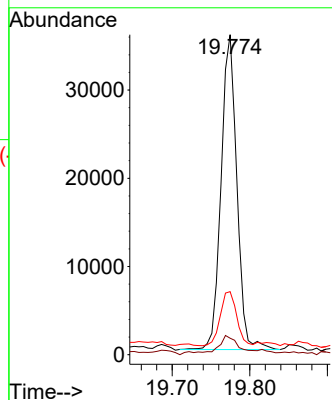
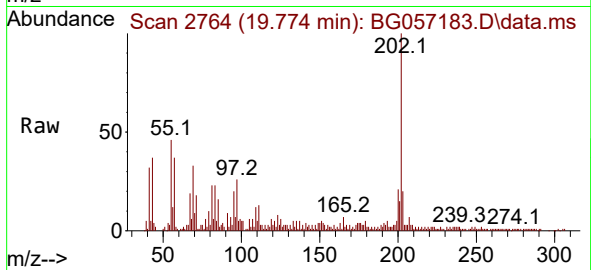




#75
Fluoranthene
Concen: 7.801 ng
RT: 19.774 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

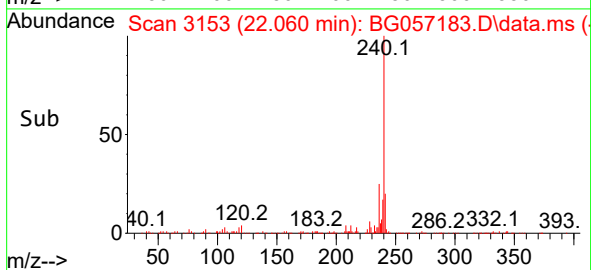
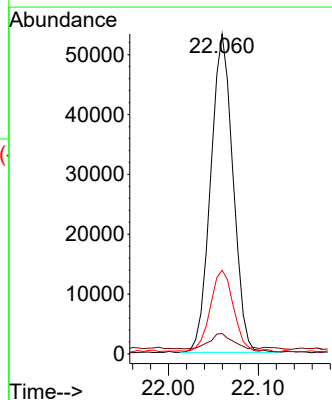
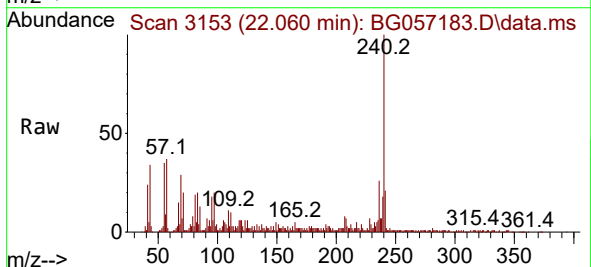
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

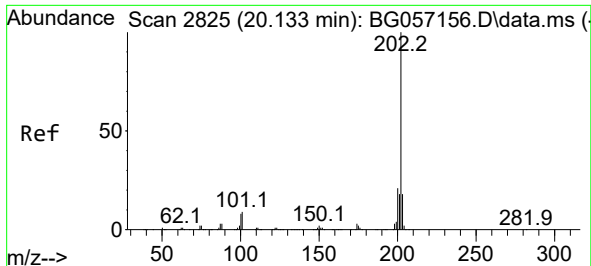
Tgt Ion:202 Resp: 50489
Ion Ratio Lower Upper
202 100
101 5.1 0.0 27.6
203 19.7 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:240 Resp: 91816
Ion Ratio Lower Upper
240 100
120 6.4 5.5 8.3
236 26.2 20.8 31.2

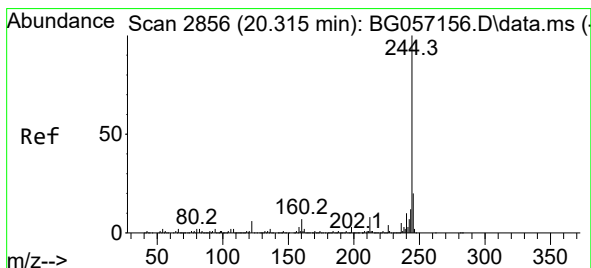
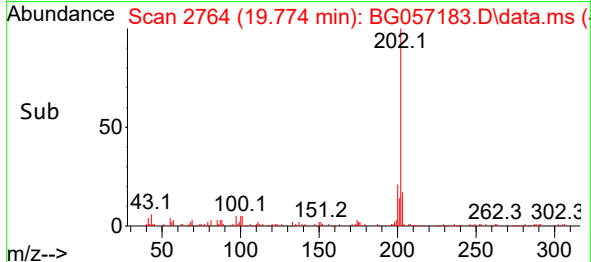
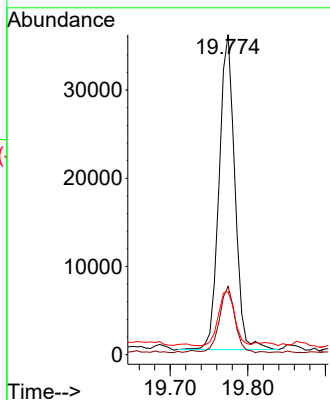
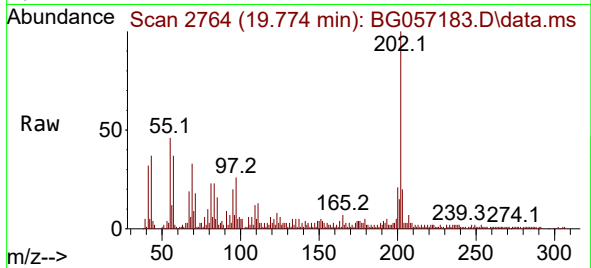




#78
Pyrene
Concen: 8.099 ng
RT: 19.774 min Scan# 21
Delta R.T. -0.359 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

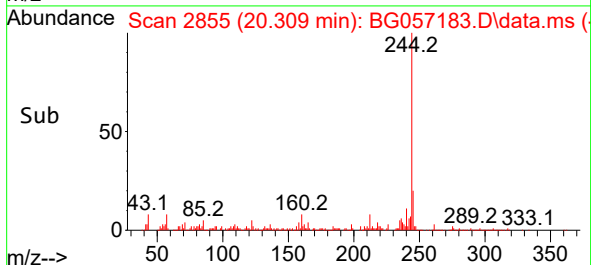
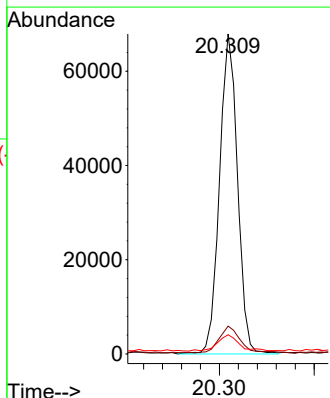
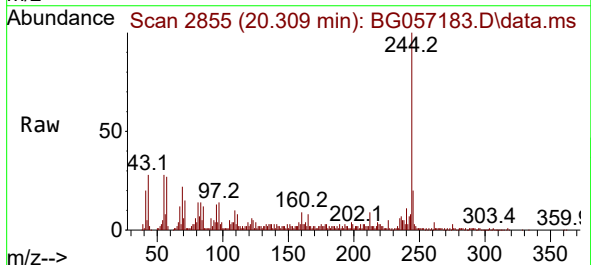
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

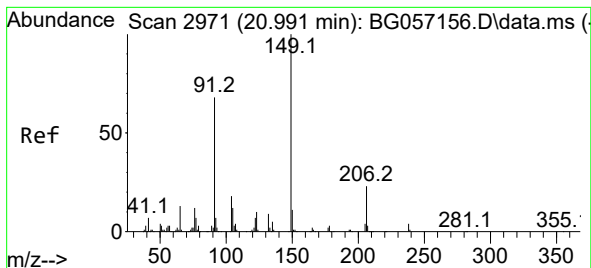
Tgt Ion:202 Resp: 50489
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 19.7 14.7 22.1



#79
Terphenyl-d14
Concen: 17.104 ng
RT: 20.309 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:244 Resp: 89783
Ion Ratio Lower Upper
244 100
212 8.7 6.0 9.0
122 6.0 5.0 7.4





#80

Butylbenzylphthalate

Concen: 9.909 ng

RT: 20.990 min Scan# 2971

Delta R.T. -0.001 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

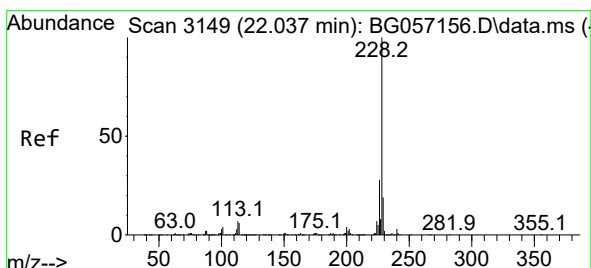
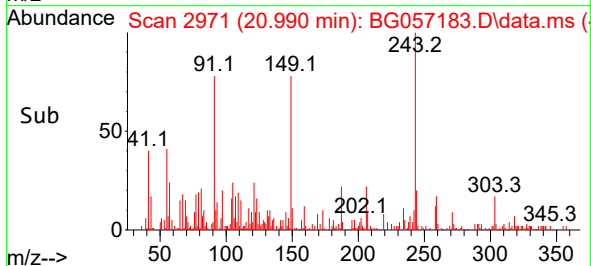
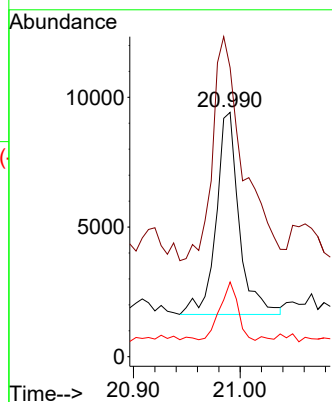
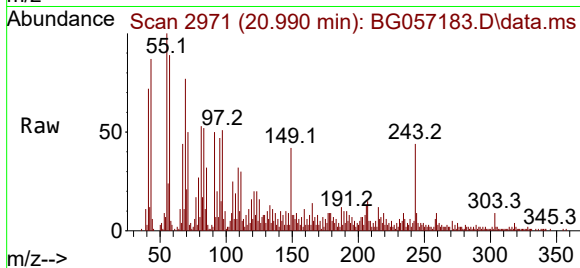
Tgt Ion:149 Resp: 11652

Ion Ratio Lower Upper

149 100

91 118.3 54.1 81.1#

206 30.6 18.2 27.2#



#81

Benzo(a)anthracene

Concen: 4.119 ng

RT: 22.036 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

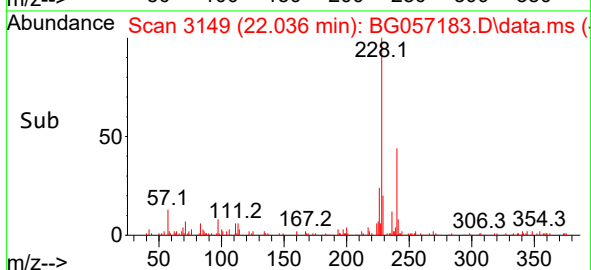
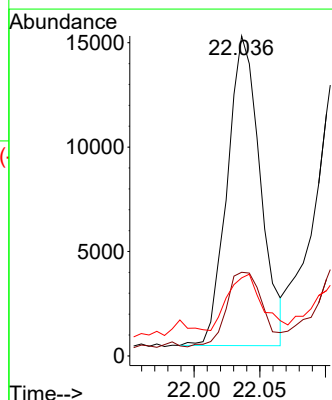
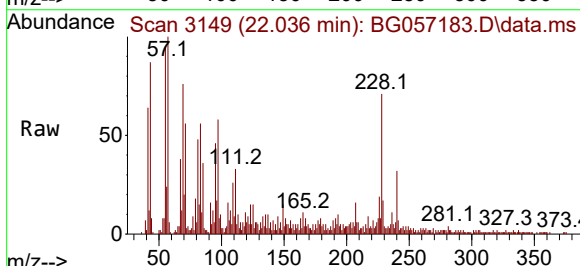
Tgt Ion:228 Resp: 26000

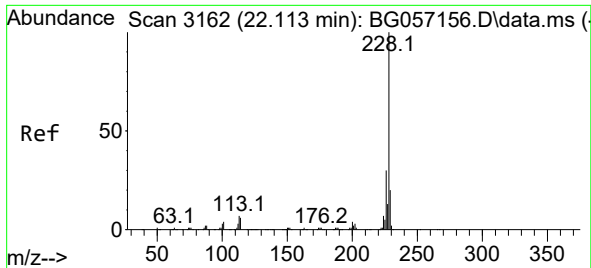
Ion Ratio Lower Upper

228 100

226 26.1 22.2 33.4

229 24.4 15.6 23.4#

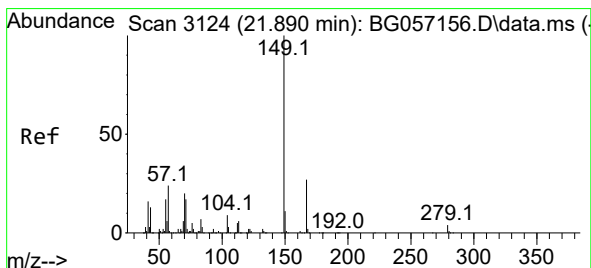
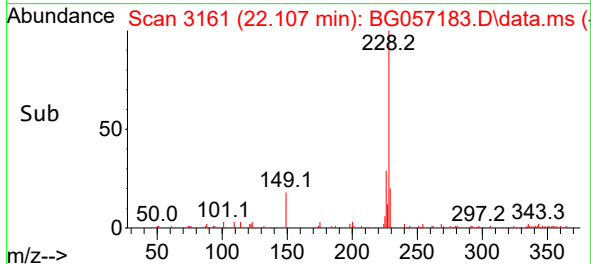
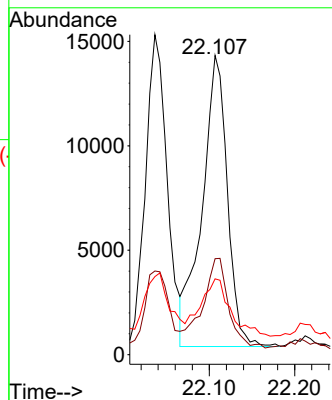
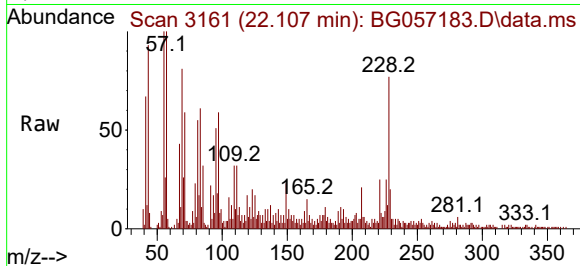




#83
 Chrysene
 Concen: 4.734 ng
 RT: 22.107 min Scan# 3162
 Delta R.T. -0.006 min
 Lab File: BG057183.D
 Acq: 25 Apr 2023 19:23

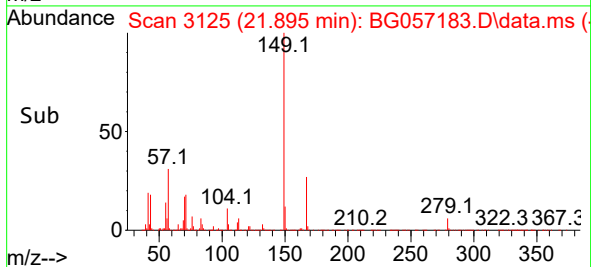
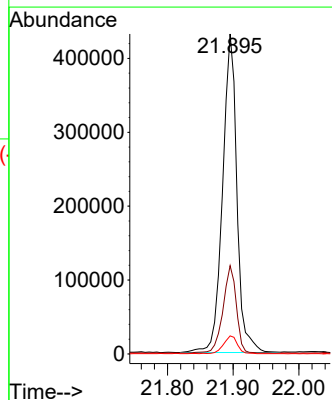
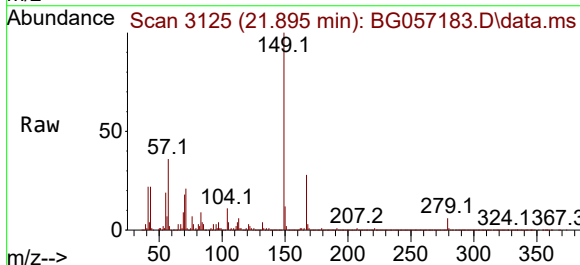
Instrument :
 BNA_G
 ClientSampleId :
 SPA-2WC-23-04DL

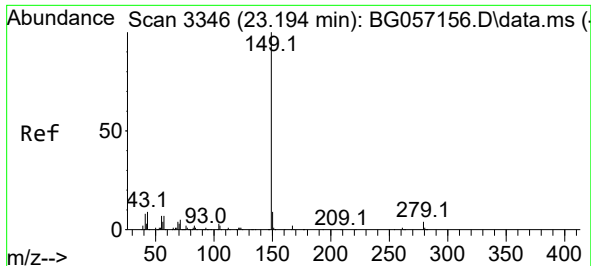
Tgt Ion:228	Resp:	28819
Ion Ratio	Lower	Upper
228	100	
226	32.1	24.0 36.0
229	25.4	15.8 23.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 238.167 ng
 RT: 21.895 min Scan# 3125
 Delta R.T. 0.005 min
 Lab File: BG057183.D
 Acq: 25 Apr 2023 19:23

Tgt Ion:149	Resp:	651558
Ion Ratio	Lower	Upper
149	100	
167	27.6	21.9 32.9
279	5.6	3.3 4.9#

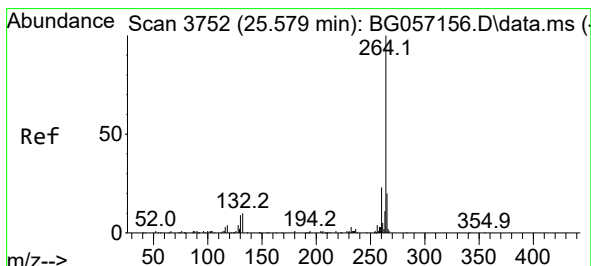
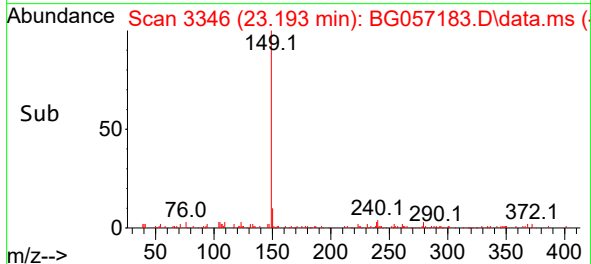
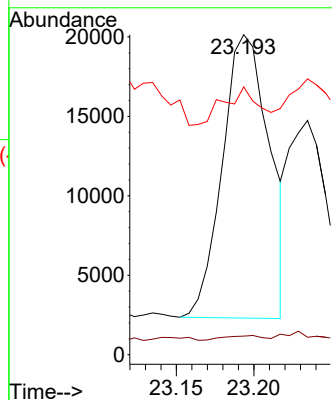
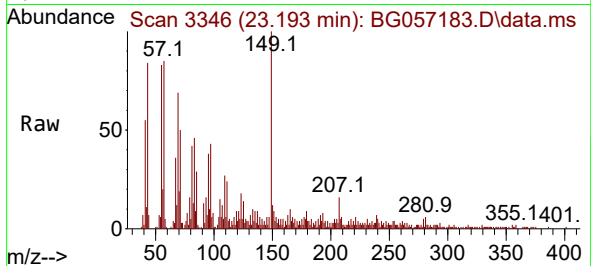




#85
Di-n-octyl phthalate
Concen: 9.108 ng
RT: 23.193 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

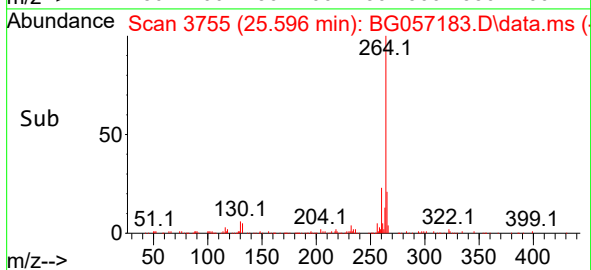
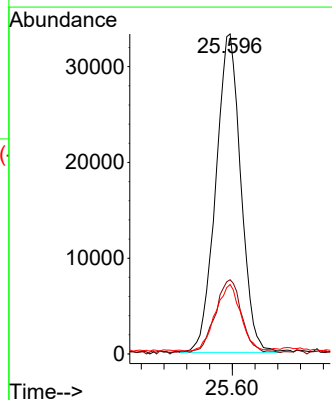
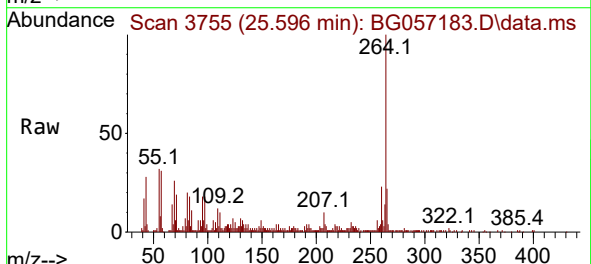
Instrument :
BNA_G
ClientSampleId :
SPA-2WC-23-04DL

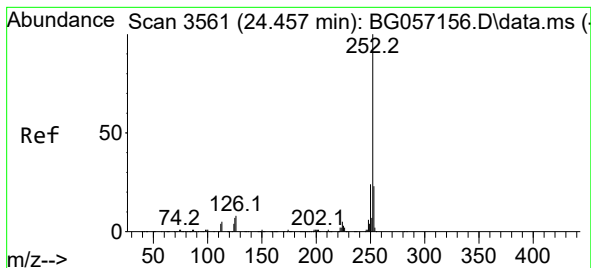
Tgt Ion:149 Resp: 37505
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 9.5 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.596 min Scan# 3755
Delta R.T. 0.017 min
Lab File: BG057183.D
Acq: 25 Apr 2023 19:23

Tgt Ion:264 Resp: 101532
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.7 16.4 24.6





#88

Benzo(b)fluoranthene

Concen: 4.894 ng

RT: 24.456 min Scan# 3561

Delta R.T. -0.000 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

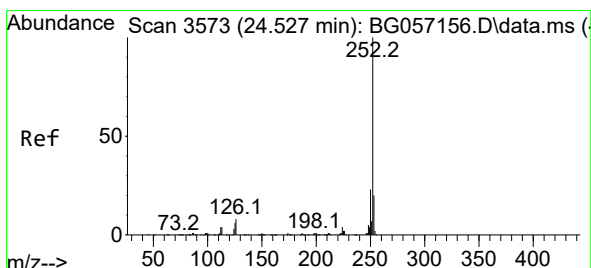
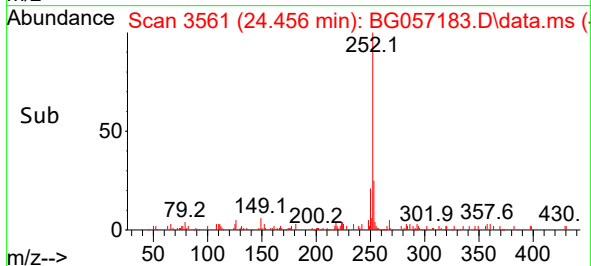
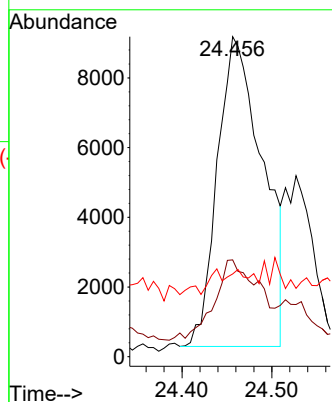
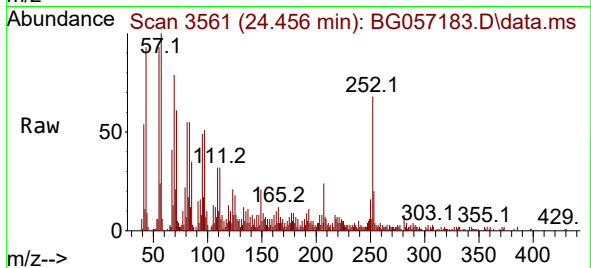
Tgt Ion:252 Resp: 31146

Ion Ratio Lower Upper

252 100

253 30.2 18.2 27.2#

125 25.9 5.3 7.9#



#89

Benzo(k)fluoranthene

Concen: 4.731 ng

RT: 24.456 min Scan# 3561

Delta R.T. -0.071 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

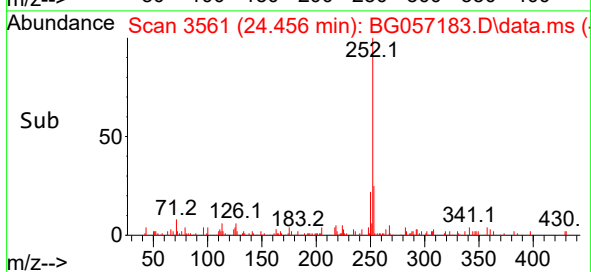
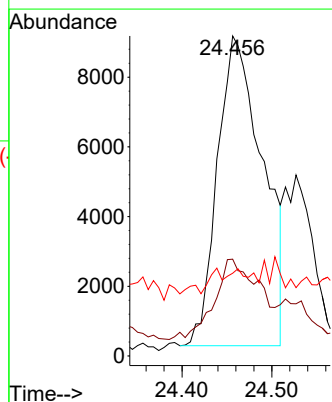
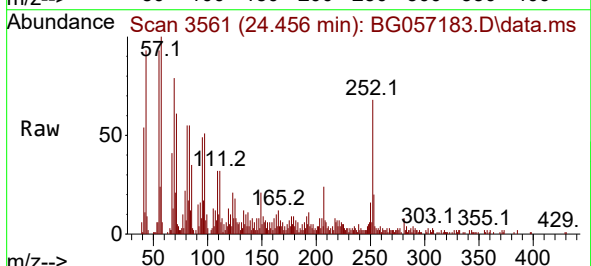
Tgt Ion:252 Resp: 31146

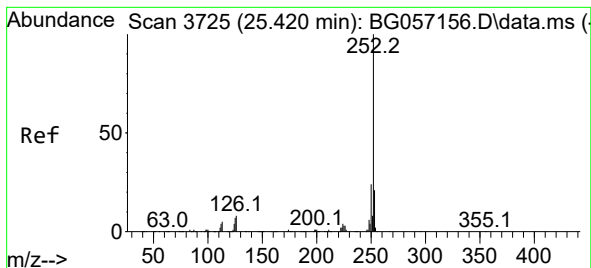
Ion Ratio Lower Upper

252 100

253 30.2 16.7 25.1#

125 25.9 5.0 7.6#





#90

Benzo(a)pyrene

Concen: 3.641 ng

RT: 25.420 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Instrument :

BNA_G

ClientSampleId :

SPA-2WC-23-04DL

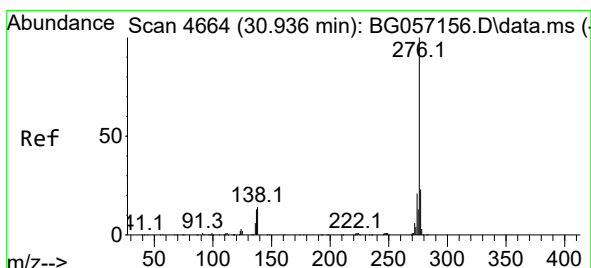
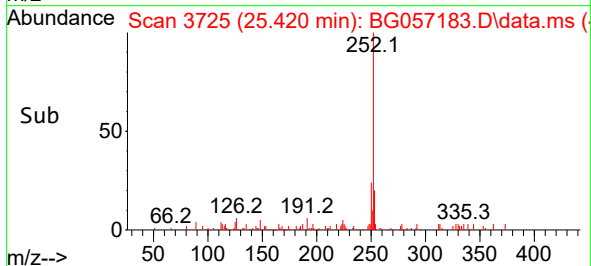
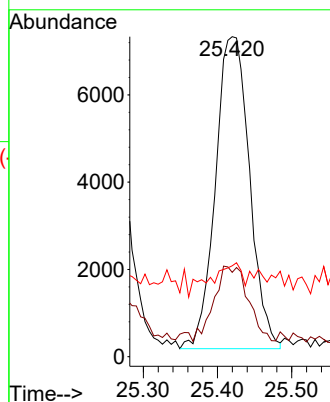
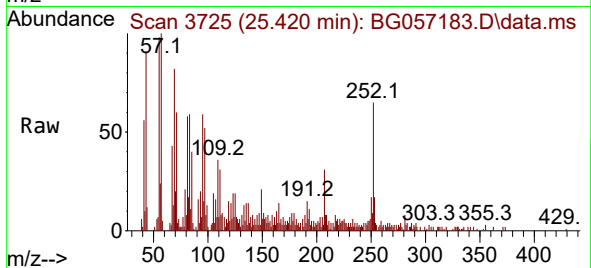
Tgt Ion:252 Resp: 22826

Ion Ratio Lower Upper

252 100

253 26.3 17.0 25.6#

125 28.4 5.8 8.8#



#92

Benzo(g,h,i)perylene

Concen: 2.265 ng

RT: 30.942 min Scan# 4665

Delta R.T. 0.006 min

Lab File: BG057183.D

Acq: 25 Apr 2023 19:23

Tgt Ion:276 Resp: 13532

Ion Ratio Lower Upper

276 100

277 26.7 18.5 27.7

138 17.3 11.5 17.3

