

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057181.D
 Acq On : 25 Apr 2023 18:02
 Operator : CG/JU
 Sample : 02386-15DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 00:24:01 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	8.387	152	17710	20.000	ng	0.00
21) Naphthalene-d8	11.224	136	71486	20.000	ng	0.00
39) Acenaphthene-d10	15.002	164	47516	20.000	ng	0.00
64) Phenanthrene-d10	17.739	188	98987	20.000	ng	0.00
76) Chrysene-d12	22.063	240	93423	20.000	ng	0.00
86) Perylene-d12	25.599	264	106040	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.902	112	14038	14.364	ng	0.00
7) Phenol-d6	7.518	99	21724	15.364	ng	0.00
23) Nitrobenzene-d5	9.562	82	15464	10.694	ng	0.00
42) 2,4,6-Tribromophenol	16.482	330	8684	13.852	ng	0.00
45) 2-Fluorobiphenyl	13.621	172	34902	9.871	ng	0.00
79) Terphenyl-d14	20.312	244	52919	9.908	ng	0.00
Target Compounds						
9) Benzaldehyde	7.512	77	8878	10.483	ng	# 1
12) 1,3-Dichlorobenzene	8.275	146	14079	11.609	ng	92
13) 1,4-Dichlorobenzene	8.422	146	54295	44.422	ng	97
14) 1,2-Dichlorobenzene	8.745	146	64909	55.003	ng	96
18) Hexachloroethane	9.497	117	11809	28.480	ng	# 1
19) n-Nitroso-di-n-propyla...	9.133	70	3229	3.671	ng	# 1
22) Acetophenone	9.192	105	29662	15.296	ng	# 60
24) Nitrobenzene	9.597	77	3483	2.399	ng	# 23
27) 2,4-Dimethylphenol	10.361	122	5198	4.986	ng	95
30) 1,2,4-Trichlorobenzene	11.083	180	47802	33.661	ng	98
31) Naphthalene	11.277	128	110817	29.186	ng	99
32) Benzoic acid	10.431	122	371	6.798	ng	# 40
35) Caprolactam	12.188	113	2933	9.121	ng	# 1
37) 2-Methylnaphthalene	12.852	142	97569	32.654	ng	97
38) 1-Methylnaphthalene	13.069	142	55438	20.097	ng	# 96
46) 1,1'-Biphenyl	13.833	154	80307	22.674	ng	96
48) 2-Nitroaniline	14.050	65	17893	28.832	ng	# 8
52) Acenaphthene	15.066	154	5732	2.067	ng	# 59
54) 2,4-Dinitrophenol	15.225	184	56	6.592	ng	# 1
56) 4-Nitrophenol	15.190	139	3473	7.138	ng	# 57
58) Fluorene	16.041	166	13925	3.850	ng	# 90
63) Azobenzene	16.335	77	15999	4.679	ng	# 7
65) 4,6-Dinitro-2-methylph...	16.118	198	60	4.982	ng	# 1
66) n-Nitrosodiphenylamine	16.229	169	21260	8.231	ng	# 81
71) Phenanthrene	17.874	178	86823	17.181	ng	97
72) Anthracene	17.874	178	86823	16.992	ng	96
74) Di-n-butylphthalate	18.655	149	17165	4.278	ng	# 77
75) Fluoranthene	19.772	202	33830	5.388	ng	89
78) Pyrene	20.136	202	37637	5.934	ng	# 89
80) Butylbenzylphthalate	20.988	149	22253	15.781	ng	# 35
81) Benzo(a)anthracene	22.039	228	13213	2.057	ng	# 82
83) Chrysene	22.110	228	17089	2.759	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.904	149	1229287	438.598	ng	# 98
85) Di-n-octyl phthalate	23.196	149	63723	15.208	ng	# 88
88) Benzo(b)fluoranthene	24.459	252	15550	2.339	ng	# 35
89) Benzo(k)fluoranthene	24.459	252	15550	2.262	ng	# 30

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Response via : Initial Calibration

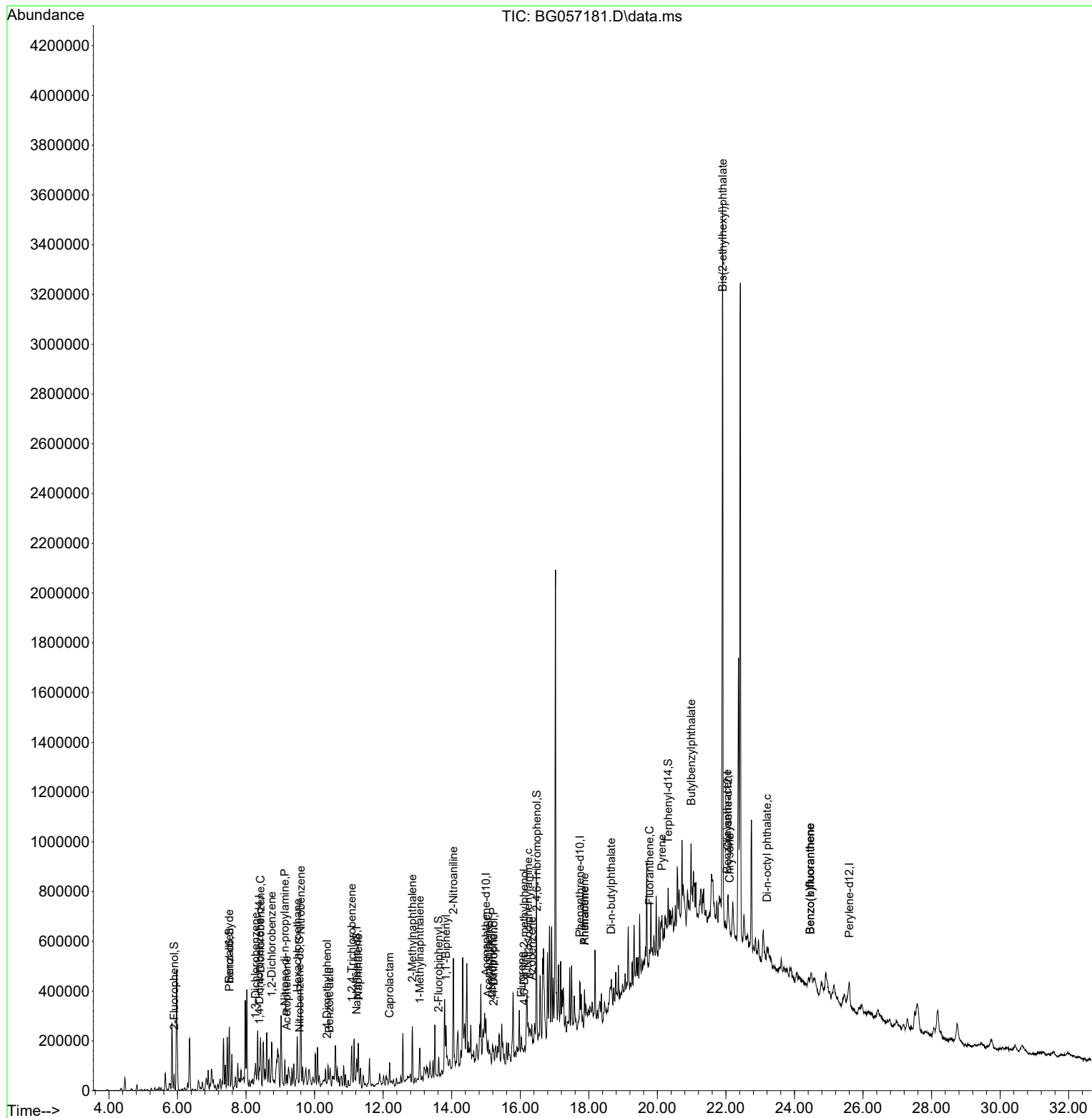
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

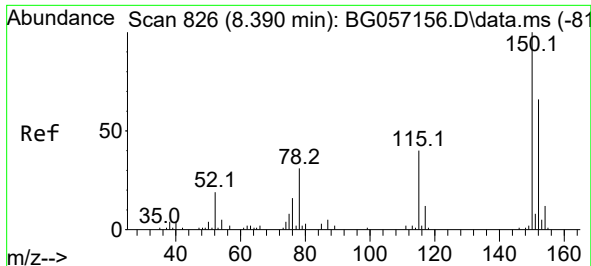
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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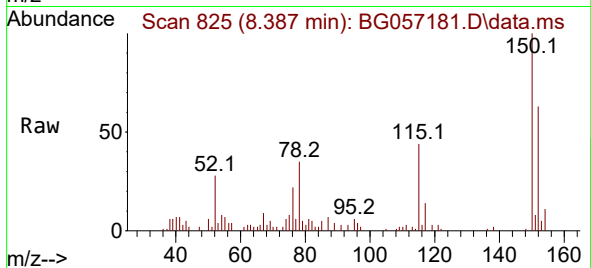
Quant Time: Apr 26 00:24:01 2023
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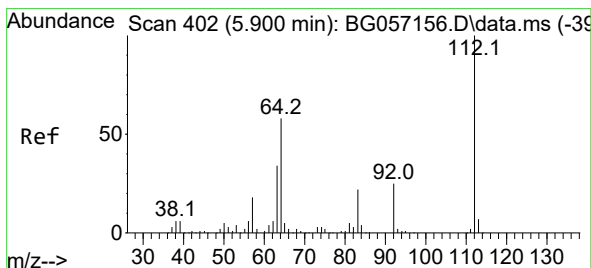
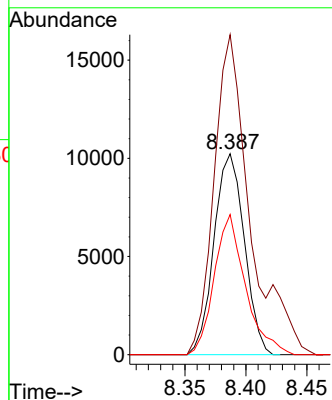
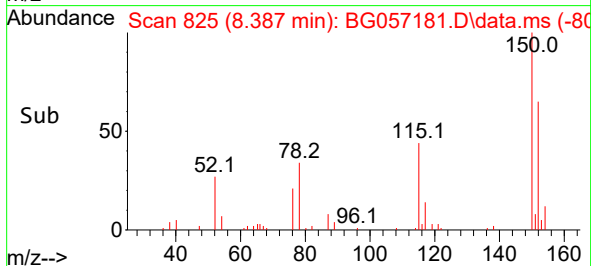


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.387 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Instrument :
BNA_G
ClientSampleId :

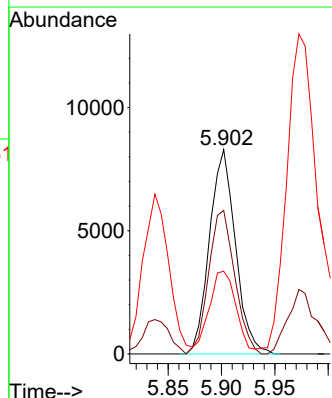
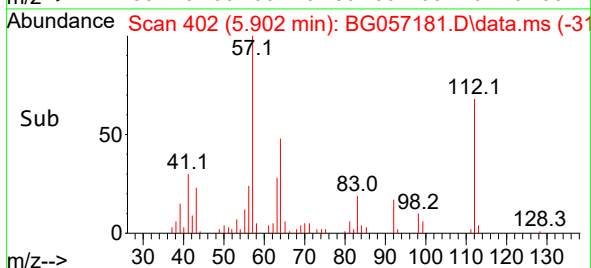
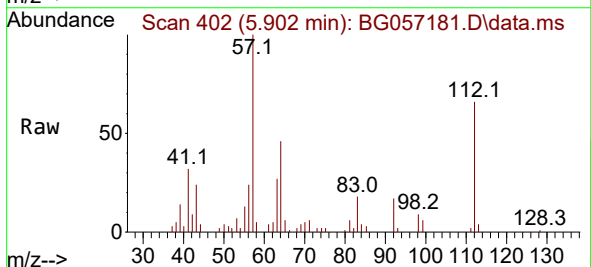


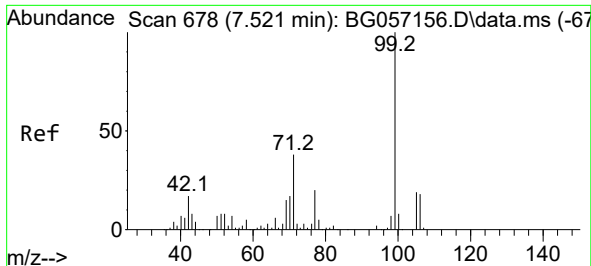
Tgt Ion:152 Resp: 17710
Ion Ratio Lower Upper
152 100
150 159.2 121.4 182.2
115 69.7 48.1 72.1



#5
2-Fluorophenol
Concen: 14.364 ng
RT: 5.902 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

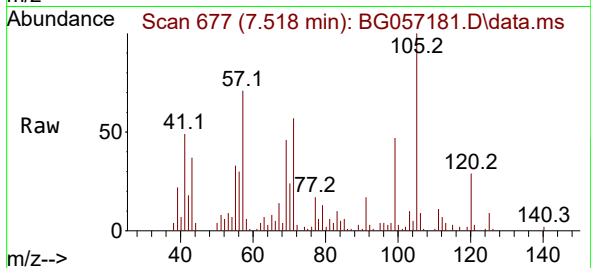
Tgt Ion:112 Resp: 14038
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 40.5 26.9 40.3#



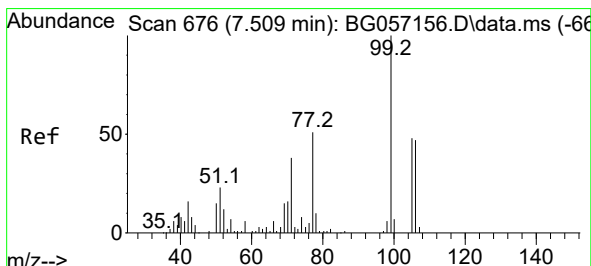
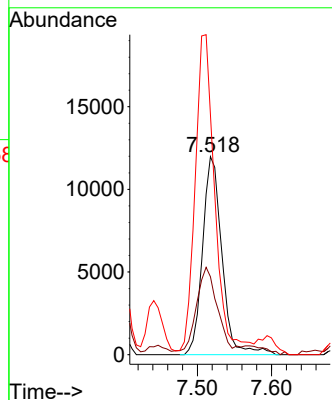
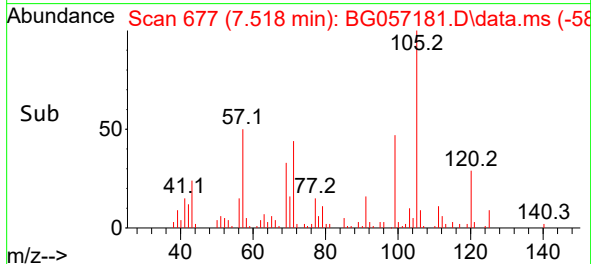


#7
Phenol-d6
Concen: 15.364 ng
RT: 7.518 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Instrument :
BNA_G
ClientSampleId :

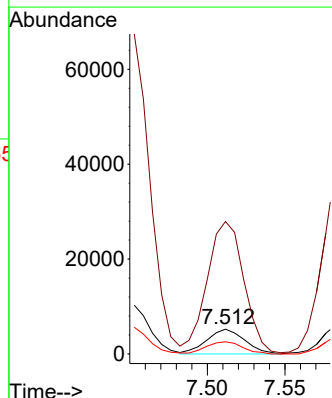
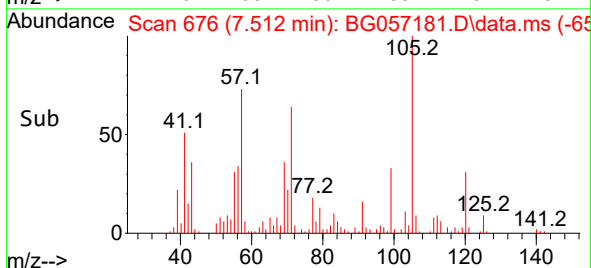
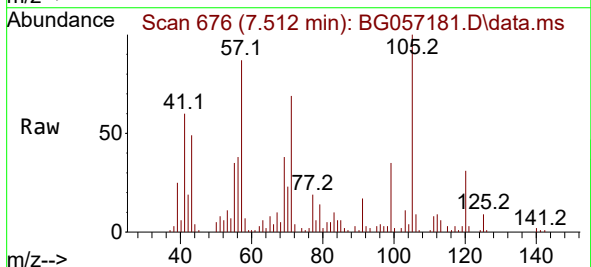


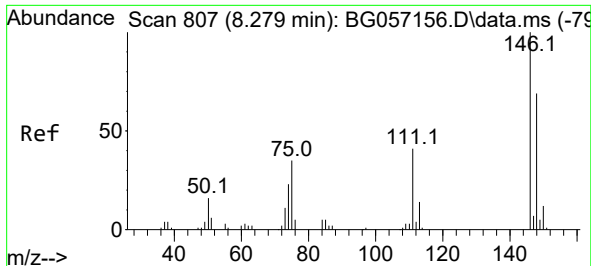
Tgt Ion: 99 Resp: 21724
Ion Ratio Lower Upper
99 100
42 39.3 13.4 20.0#
71 121.2 30.2 45.2#



#9
Benzaldehyde
Concen: 10.483 ng
RT: 7.512 min Scan# 676
Delta R.T. 0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion: 77 Resp: 8878
Ion Ratio Lower Upper
77 100
105 534.6 73.5 113.5#
106 49.2 72.7 112.7#





#12

1,3-Dichlorobenzene

Concen: 11.609 ng

RT: 8.275 min Scan# 807

Delta R.T. -0.003 min

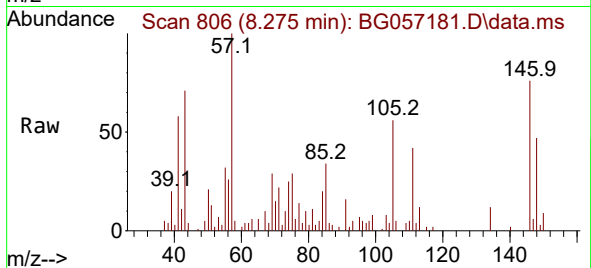
Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :



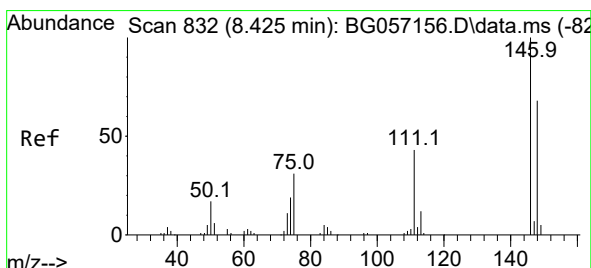
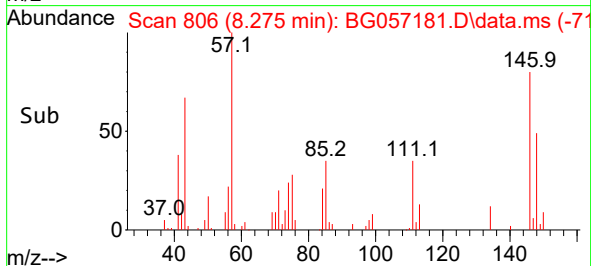
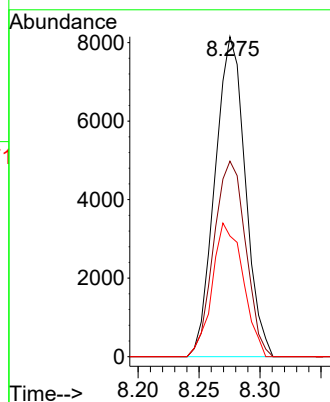
Tgt Ion:146 Resp: 14079

Ion Ratio Lower Upper

146 100

148 61.1 55.4 83.2

75 37.7 28.2 42.4



#13

1,4-Dichlorobenzene

Concen: 44.422 ng

RT: 8.422 min Scan# 831

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

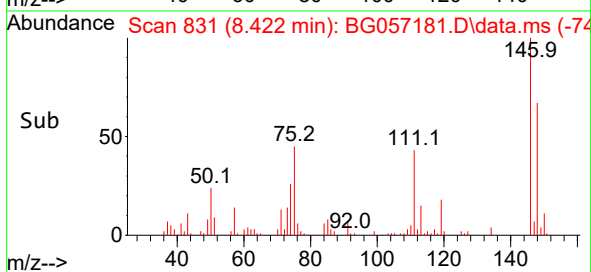
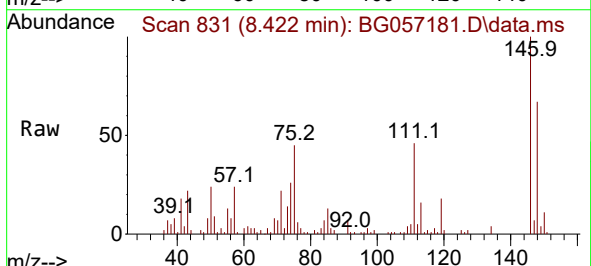
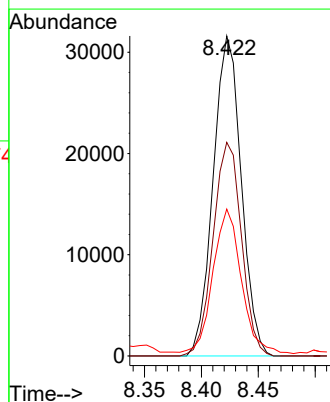
Tgt Ion:146 Resp: 54295

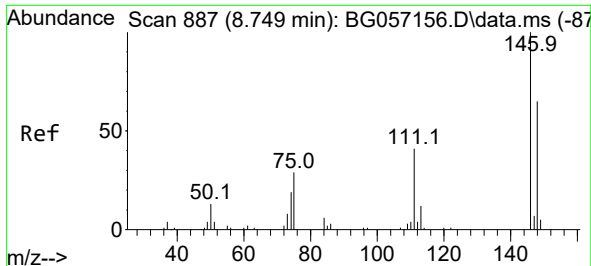
Ion Ratio Lower Upper

146 100

148 66.8 54.3 81.5

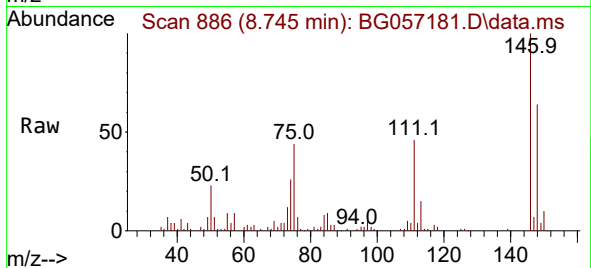
111 45.9 34.2 51.4



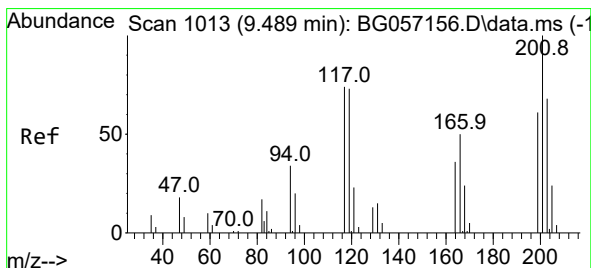
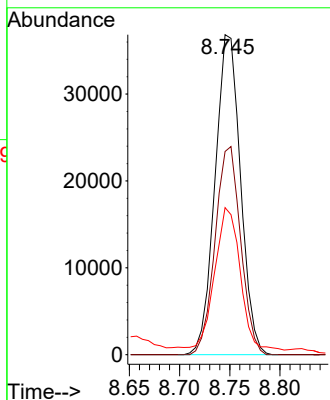
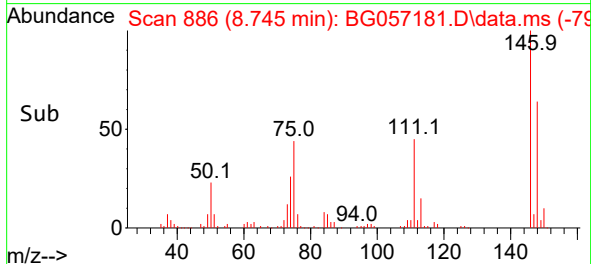


#14
1,2-Dichlorobenzene
Concen: 55.003 ng
RT: 8.745 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

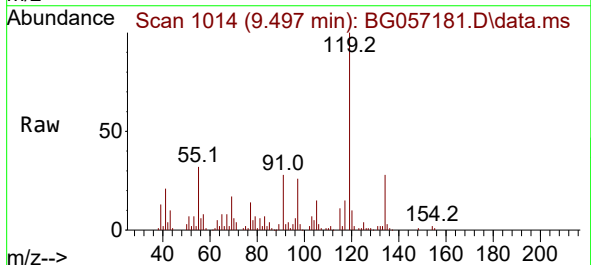
Instrument :
BNA_G
ClientSampleId :



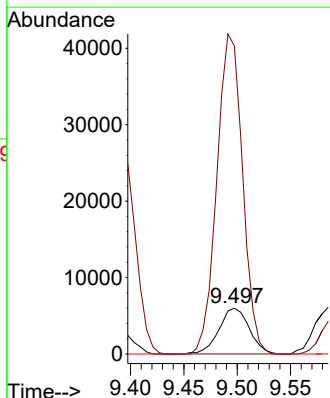
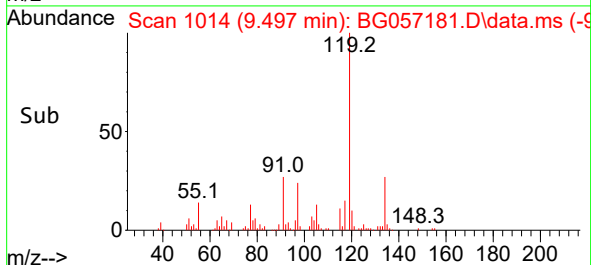
Tgt Ion:146 Resp: 64909
Ion Ratio Lower Upper
146 100
148 63.5 52.3 78.5
111 46.0 33.1 49.7

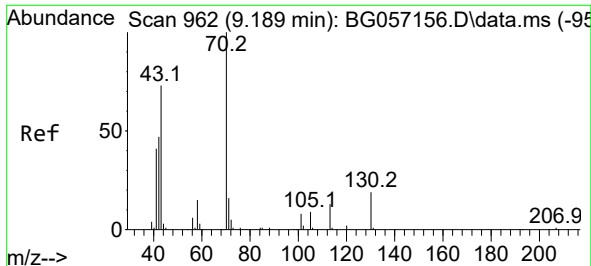


#18
Hexachloroethane
Concen: 28.480 ng
RT: 9.497 min Scan# 1014
Delta R.T. 0.008 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02



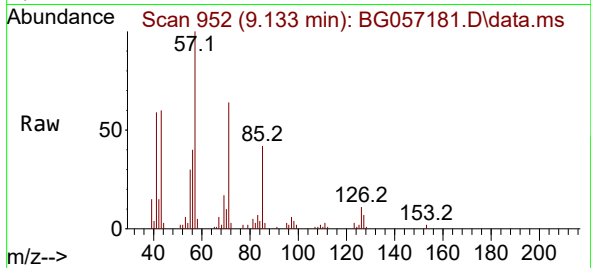
Tgt Ion:117 Resp: 11809
Ion Ratio Lower Upper
117 100
119 672.9 78.3 117.5#
201 0.0 107.6 161.4#



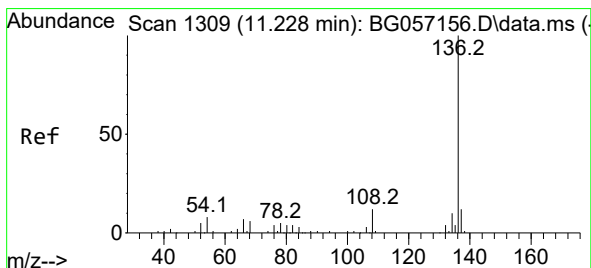
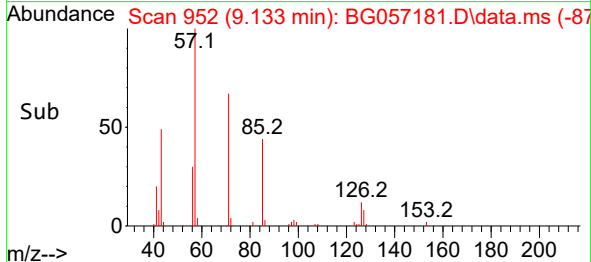
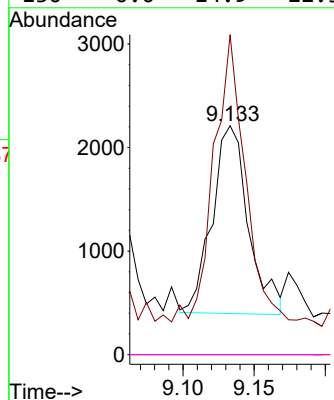


#19
n-Nitroso-di-n-propylamine
Concen: 3.671 ng
RT: 9.133 min Scan# 91
Delta R.T. -0.056 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Instrument :
BNA_G
ClientSampleId :

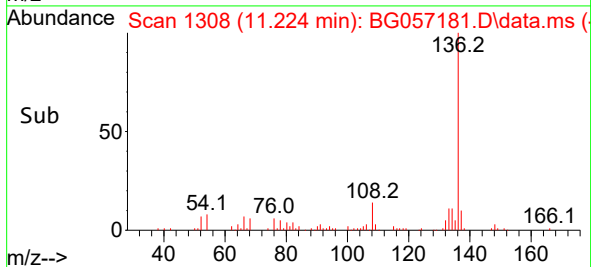
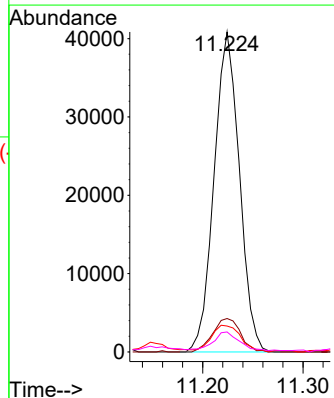
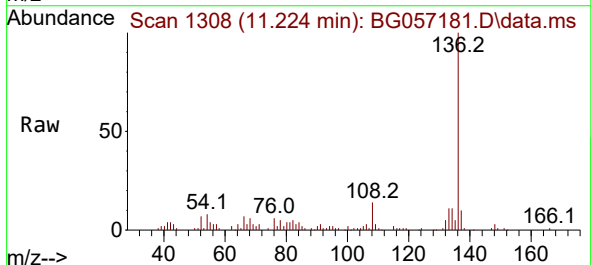


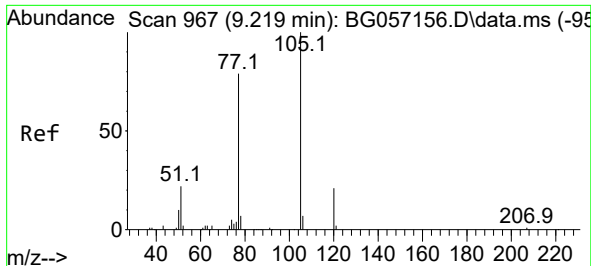
Tgt Ion: 70	Resp: 3229
Ion Ratio	Lower Upper
70 100	
42 139.8	38.0 57.0#
101 0.0	6.6 9.8#
130 0.0	14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.224 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG057181.D
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Tgt Ion:136	Resp: 71486
Ion Ratio	Lower Upper
136 100	
137 10.5	9.5 14.3
54 8.1	6.4 9.6
68 6.2	4.9 7.3





#22

Acetophenone

Concen: 15.296 ng

RT: 9.192 min Scan# 9

Delta R.T. -0.027 min

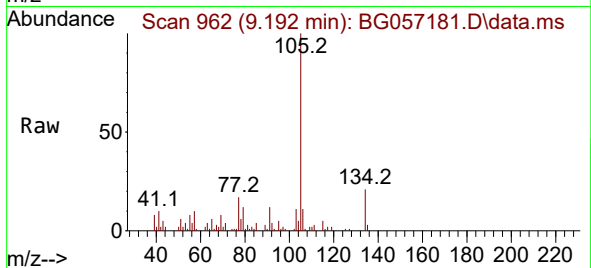
Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:105 Resp: 29662

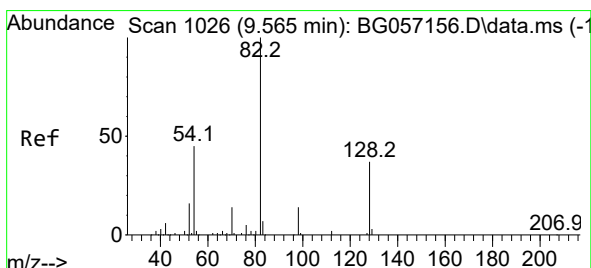
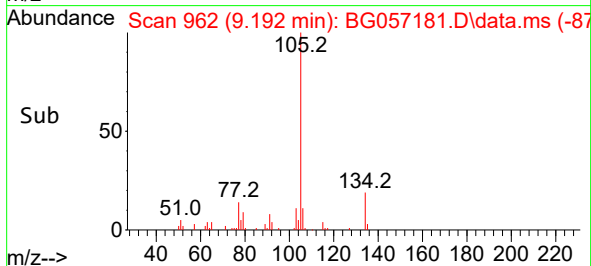
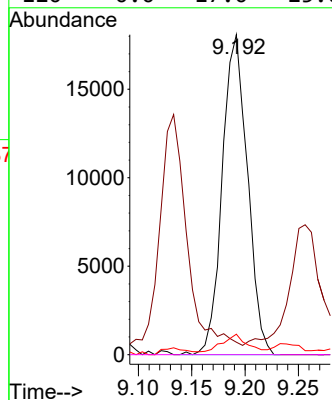
Ion Ratio Lower Upper

105 100

71 3.9 0.2 0.4#

51 6.4 19.4 29.0#

120 0.0 17.0 25.6#



#23

Nitrobenzene-d5

Concen: 10.694 ng

RT: 9.562 min Scan# 1025

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

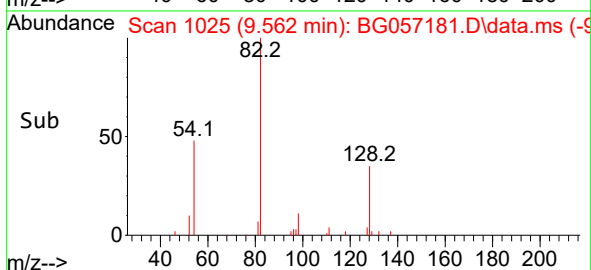
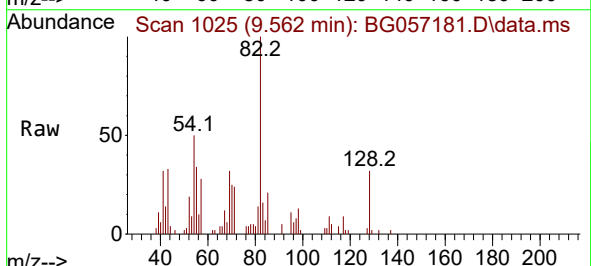
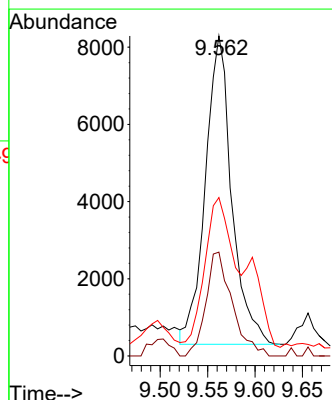
Tgt Ion: 82 Resp: 15464

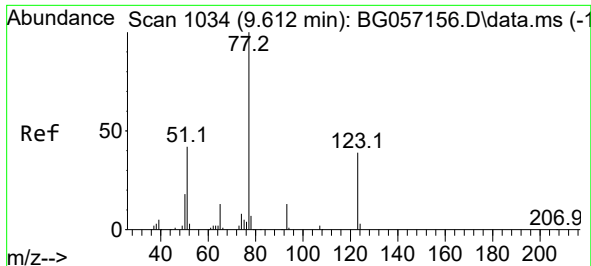
Ion Ratio Lower Upper

82 100

128 32.4 29.4 44.2

54 49.5 36.2 54.2

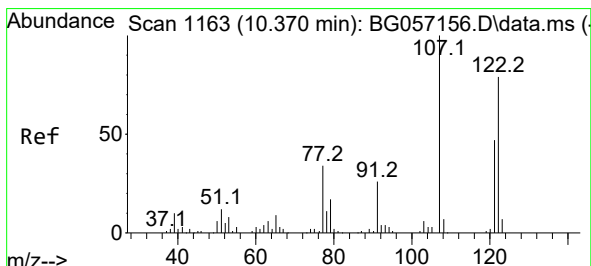
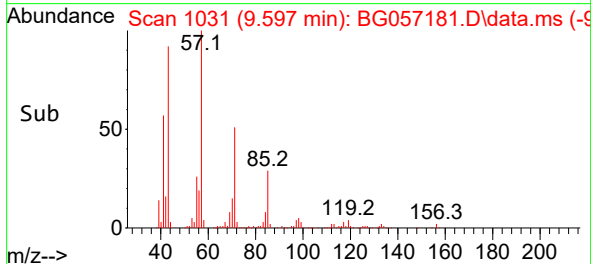
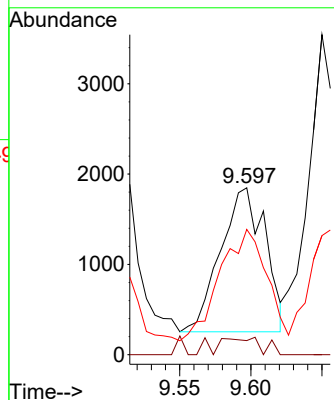
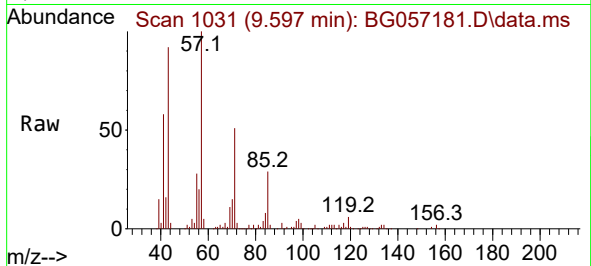




#24
Nitrobenzene
Concen: 2.399 ng
RT: 9.597 min Scan# 1031
Delta R.T. -0.015 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

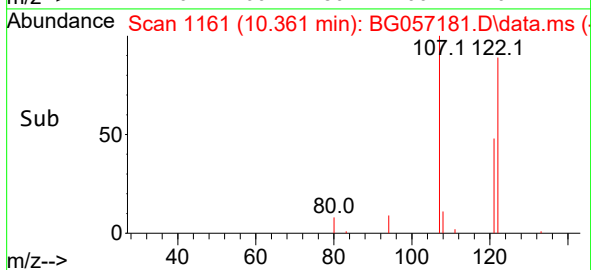
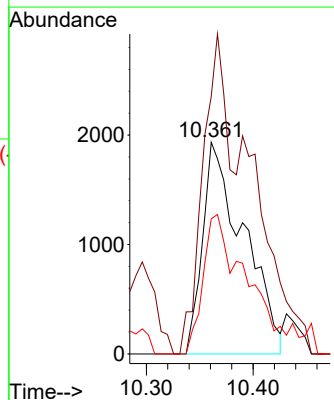
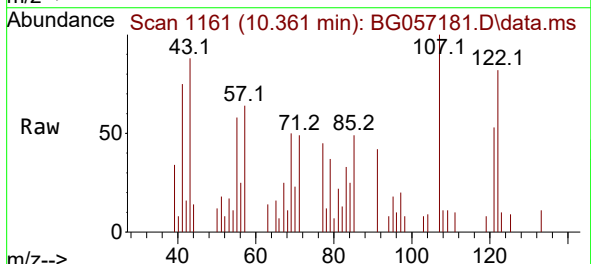
Instrument :
BNA_G
ClientSampleId :

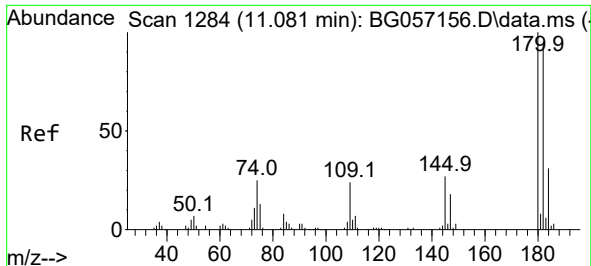
Tgt Ion: 77 Resp: 3483
Ion Ratio Lower Upper
77 100
123 8.4 31.3 46.9#
65 75.1 10.5 15.7#



#27
2,4-Dimethylphenol
Concen: 4.986 ng
RT: 10.361 min Scan# 1161
Delta R.T. -0.009 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

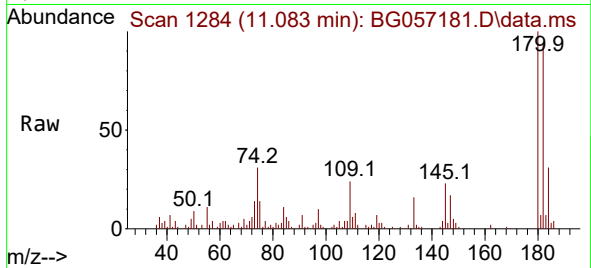
Tgt Ion: 122 Resp: 5198
Ion Ratio Lower Upper
122 100
107 121.6 101.5 152.3
121 63.9 48.0 72.0



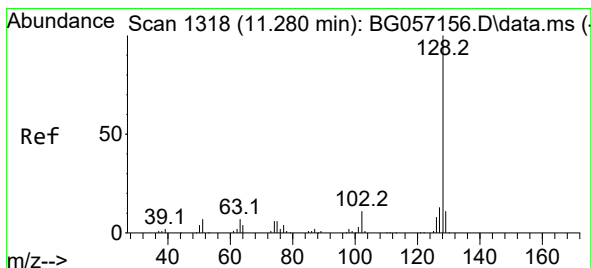
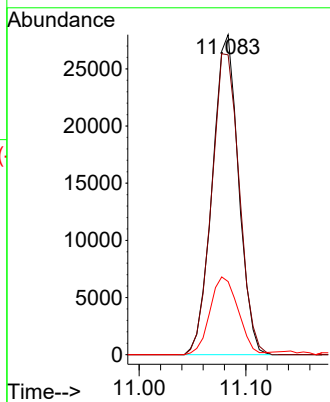
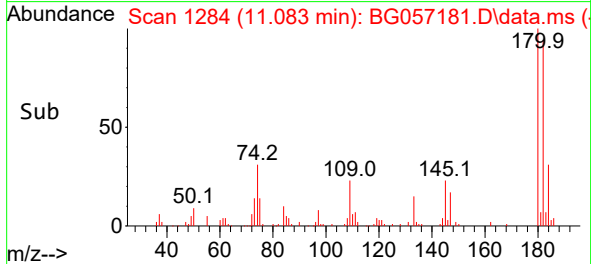


#30
1,2,4-Trichlorobenzene
Concen: 33.661 ng
RT: 11.083 min Scan# 11083
Delta R.T. 0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Instrument :
BNA_G
ClientSampleId :

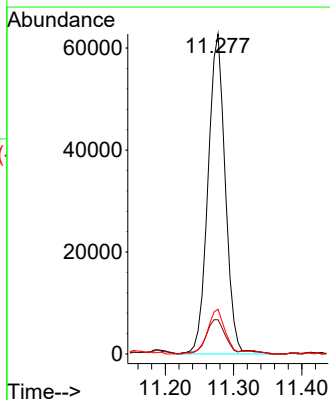
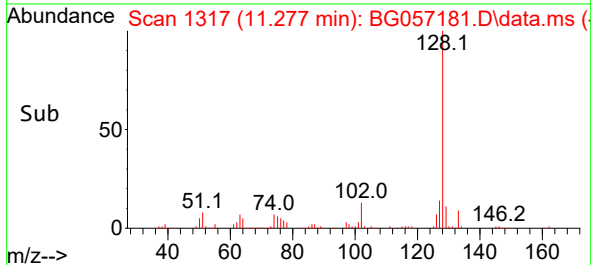
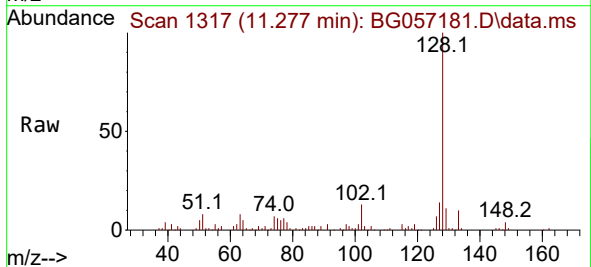


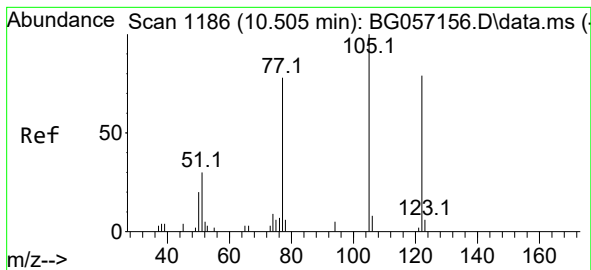
Tgt Ion:180 Resp: 47802
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.6
145 22.8 21.4 32.2



#31
Naphthalene
Concen: 29.186 ng
RT: 11.277 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion:128 Resp: 110817
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 14.0 10.6 16.0

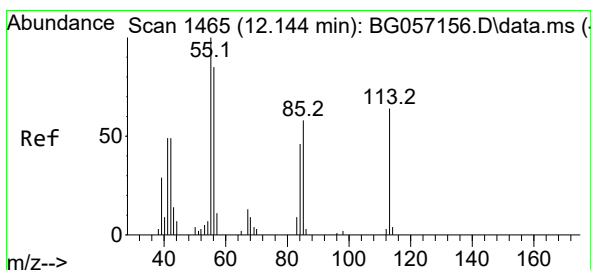
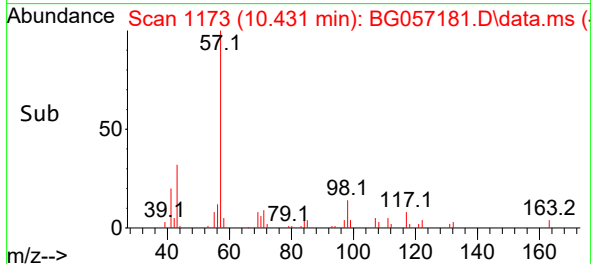
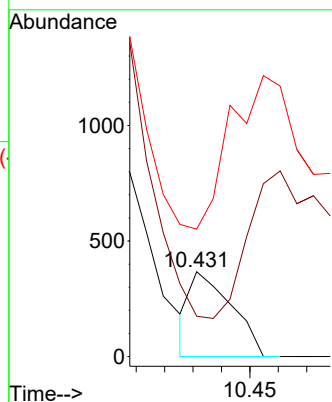
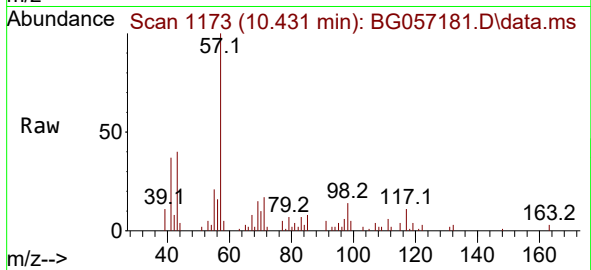




#32
Benzoic acid
Concen: 6.798 ng
RT: 10.431 min Scan# 1186
Delta R.T. -0.074 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

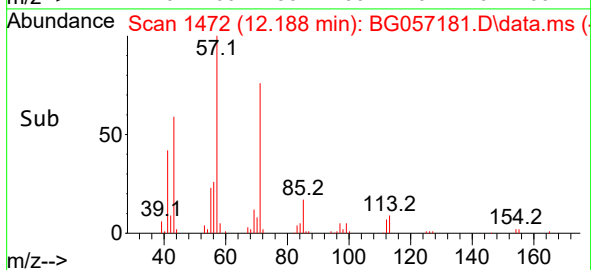
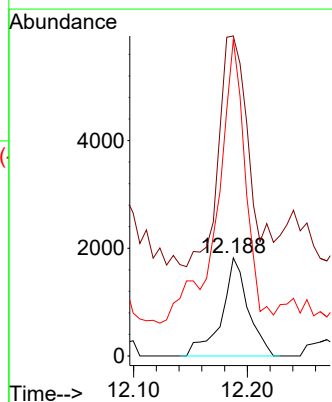
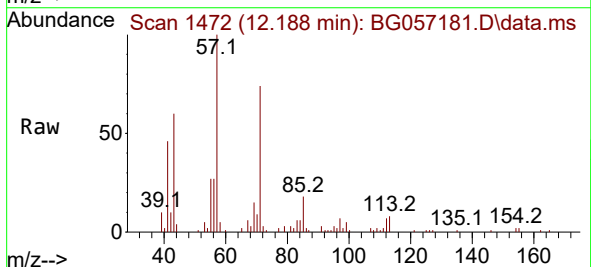
Instrument :
BNA_G
ClientSampleId :

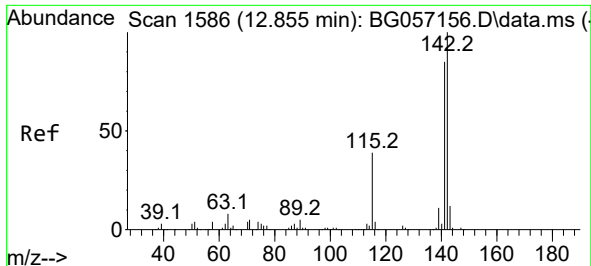
Tgt Ion:122 Resp: 371
Ion Ratio Lower Upper
122 100
105 47.7 104.3 144.3#
77 150.1 79.5 119.5#



#35
Caprolactam
Concen: 9.121 ng
RT: 12.188 min Scan# 1472
Delta R.T. 0.044 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

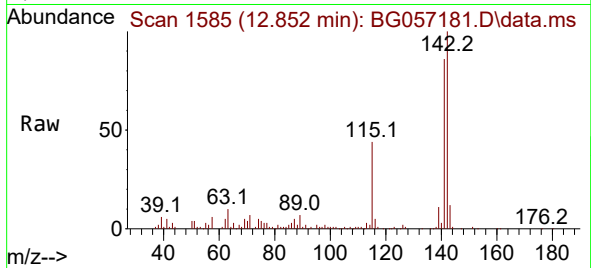
Tgt Ion:113 Resp: 2933
Ion Ratio Lower Upper
113 100
55 326.1 135.8 175.8#
56 322.2 111.8 151.8#



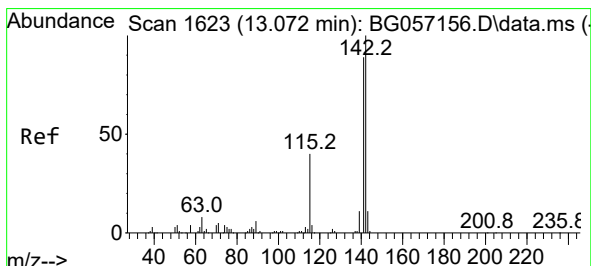
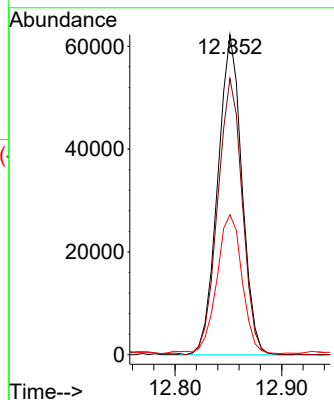
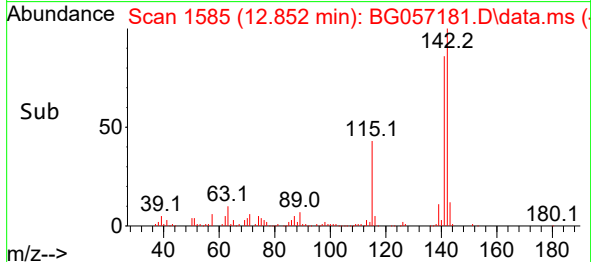


#37
2-Methylnaphthalene
Concen: 32.654 ng
RT: 12.852 min Scan# 1585
Delta R.T. -0.004 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

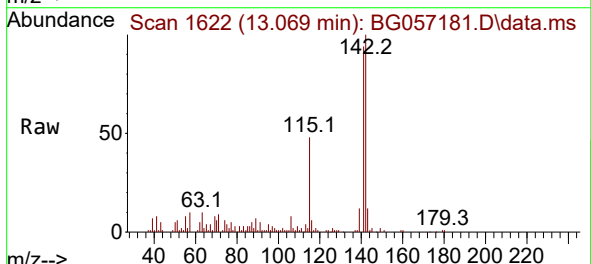
Instrument :
BNA_G
ClientSampleId :



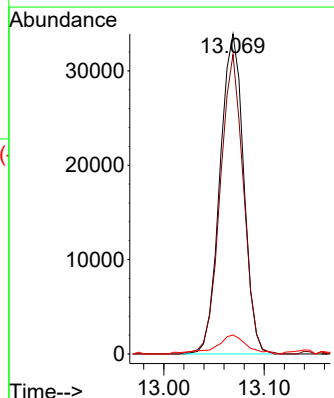
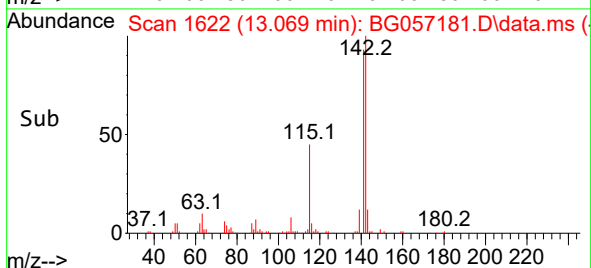
Tgt Ion:142 Resp: 97569
Ion Ratio Lower Upper
142 100
141 86.3 68.1 102.1
115 43.7 31.0 46.4

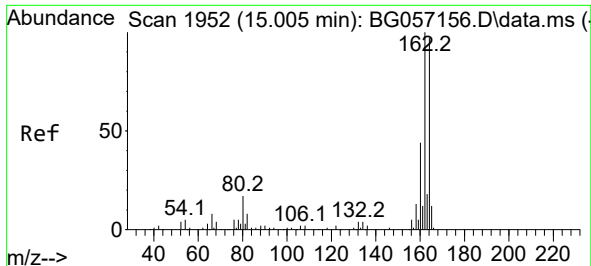


#38
1-Methylnaphthalene
Concen: 20.097 ng
RT: 13.069 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02



Tgt Ion:142 Resp: 55438
Ion Ratio Lower Upper
142 100
141 93.6 71.6 107.4
116 6.0 3.3 4.9#

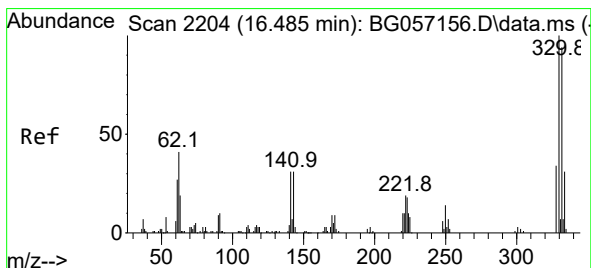
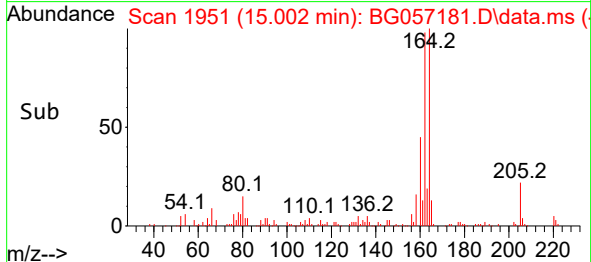
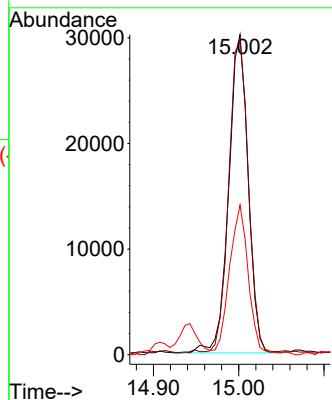
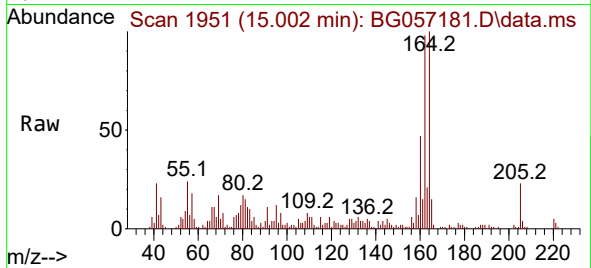




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.002 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

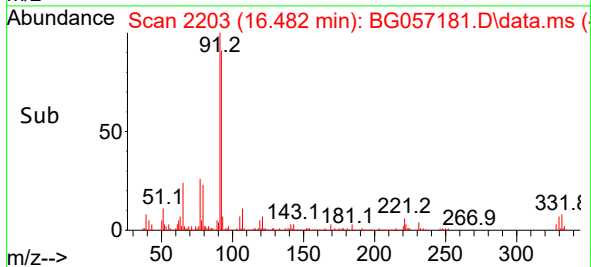
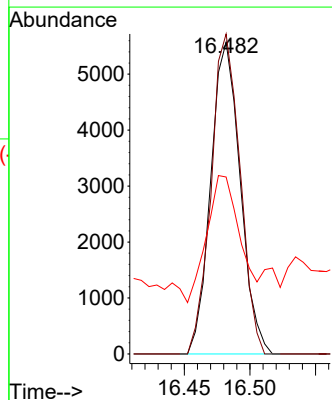
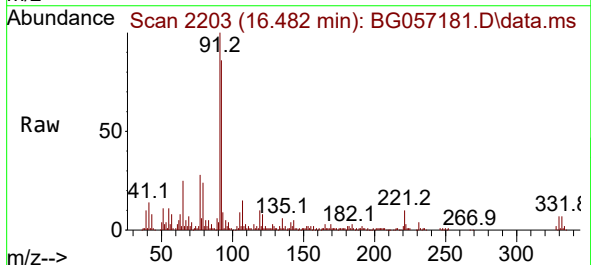
Instrument :
BNA_G
ClientSampleId :

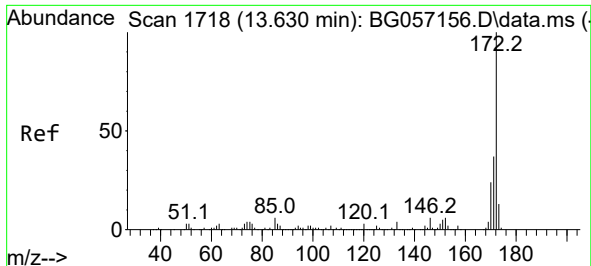
Tgt Ion:164 Resp: 47516
Ion Ratio Lower Upper
164 100
162 98.3 82.4 123.6
160 46.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 13.852 ng
RT: 16.482 min Scan# 2203
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

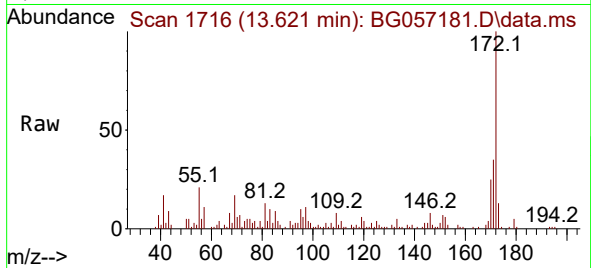
Tgt Ion:330 Resp: 8684
Ion Ratio Lower Upper
330 100
332 100.7 77.6 116.4
141 45.0 26.0 39.0#



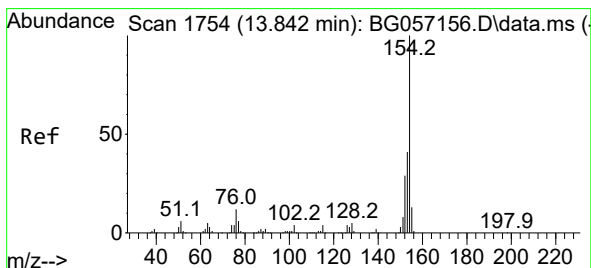
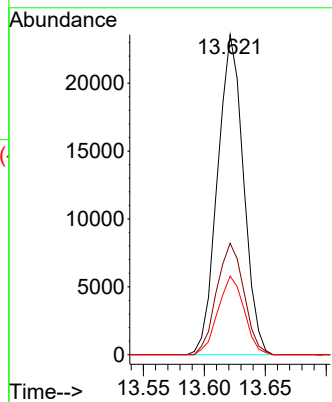
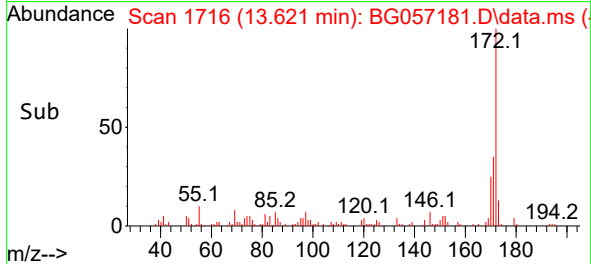


#45
2-Fluorobiphenyl
Concen: 9.871 ng
RT: 13.621 min Scan# 1716
Delta R.T. -0.009 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

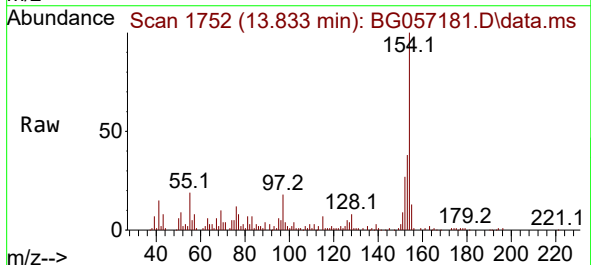
Instrument :
BNA_G
ClientSampleId :



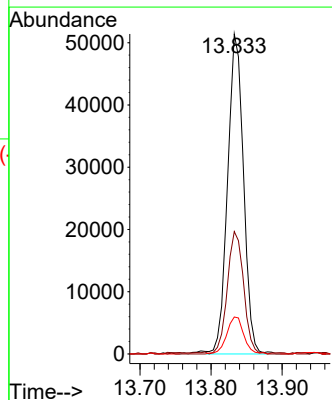
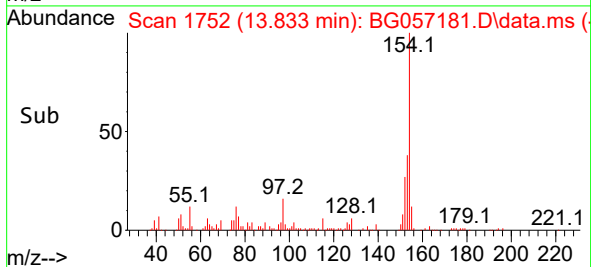
Tgt Ion:172 Resp: 34902
Ion Ratio Lower Upper
172 100
171 34.8 29.2 43.8
170 24.5 19.4 29.2

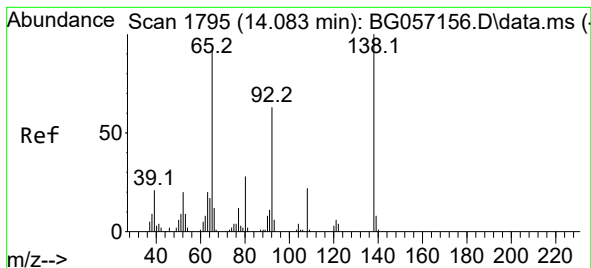


#46
1,1'-Biphenyl
Concen: 22.674 ng
RT: 13.833 min Scan# 1752
Delta R.T. -0.009 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02



Tgt Ion:154 Resp: 80307
Ion Ratio Lower Upper
154 100
153 38.3 20.9 60.9
76 11.5 0.0 32.3





#48

2-Nitroaniline

Concen: 28.832 ng

RT: 14.050 min Scan# 1789

Delta R.T. -0.033 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :

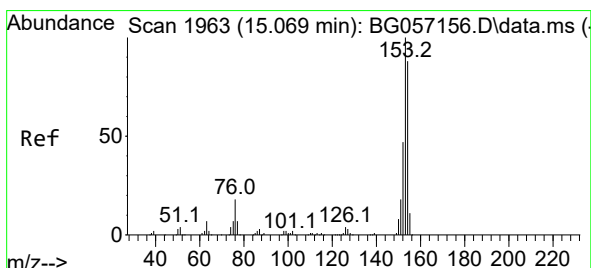
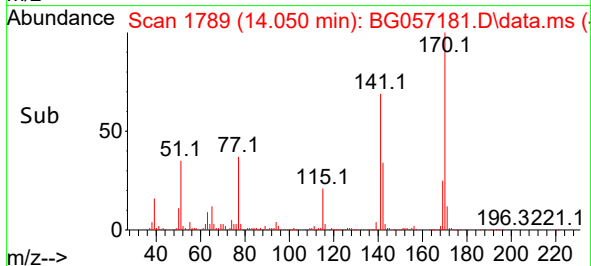
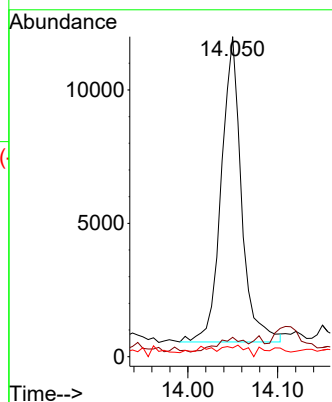
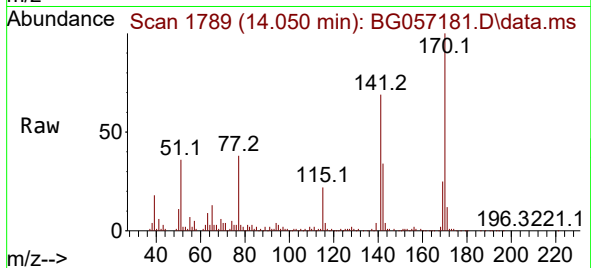
Tgt Ion: 65 Resp: 17893

Ion Ratio Lower Upper

65 100

92 6.1 54.9 82.3#

138 2.8 86.6 129.8#



#52

Acenaphthene

Concen: 2.067 ng

RT: 15.066 min Scan# 1962

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

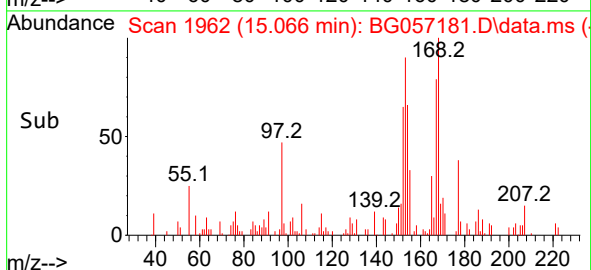
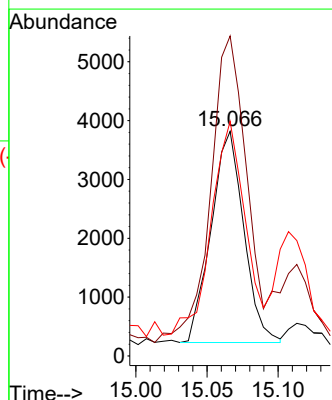
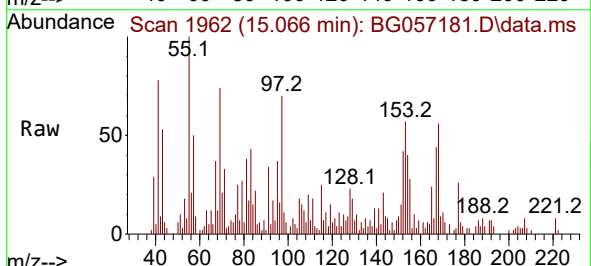
Tgt Ion:154 Resp: 5732

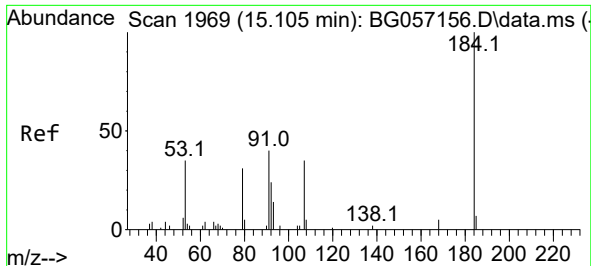
Ion Ratio Lower Upper

154 100

153 142.4 91.0 136.4#

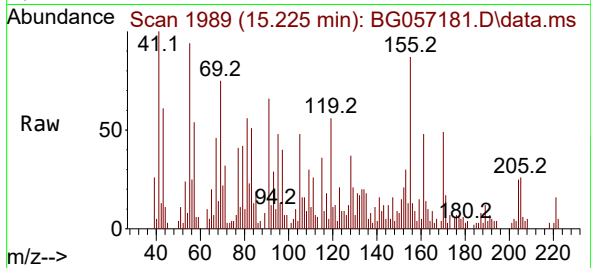
152 104.4 43.0 64.6#



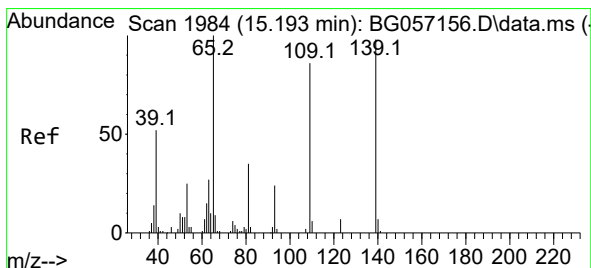
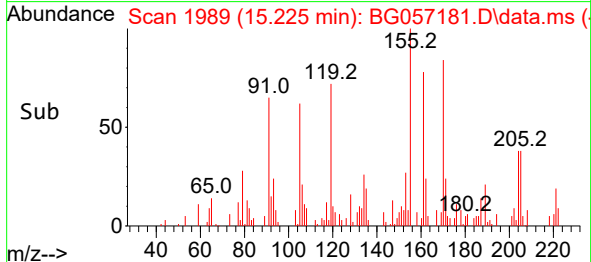
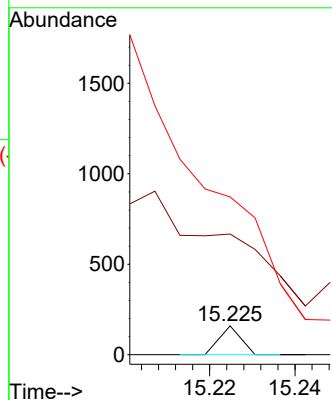


#54
2,4-Dinitrophenol
Concen: 6.592 ng
RT: 15.225 min Scan# 1969
Delta R.T. 0.120 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Instrument :
BNA_G
ClientSampleId :

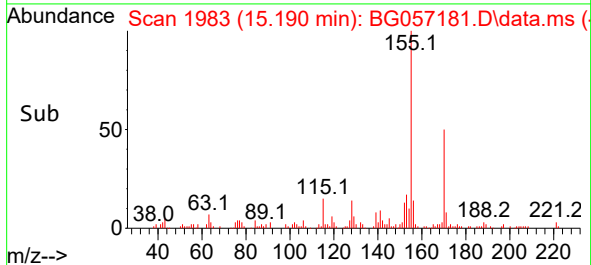
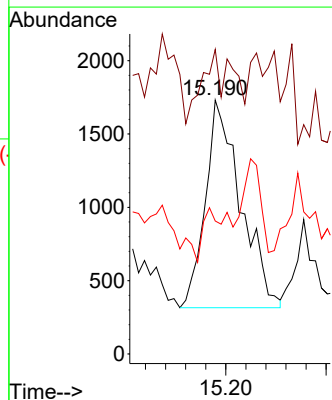
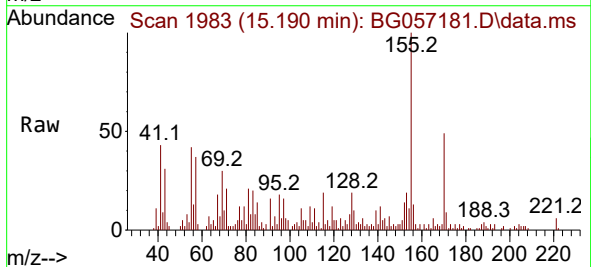


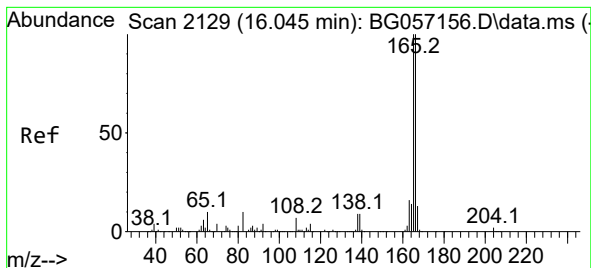
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 419.5 43.4 65.0#
154 548.4 45.2 67.8#



#56
4-Nitrophenol
Concen: 7.138 ng
RT: 15.190 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion:139 Resp: 3473
Ion Ratio Lower Upper
139 100
109 119.9 67.3 107.3#
65 52.4 82.0 122.0#





#58

Fluorene

Concen: 3.850 ng

RT: 16.041 min Scan# 2129

Delta R.T. -0.003 min

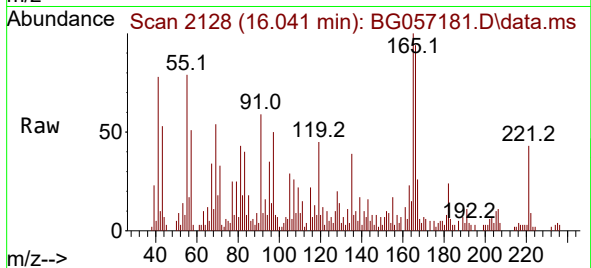
Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :



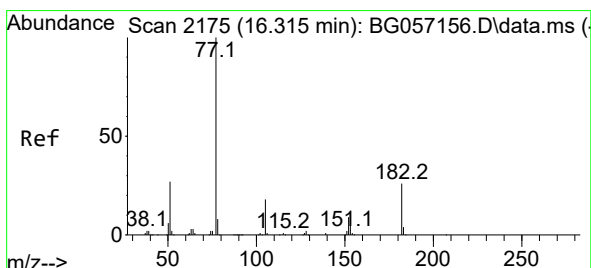
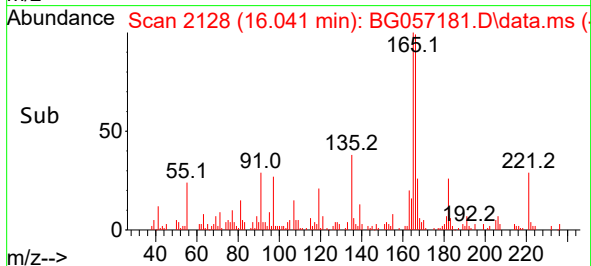
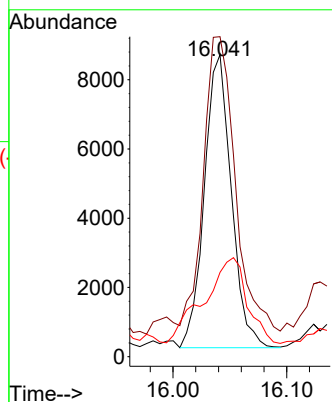
Tgt Ion:166 Resp: 13925

Ion Ratio Lower Upper

166 100

165 105.9 79.8 119.6

167 27.9 10.7 16.1#



#63

Azobenzene

Concen: 4.679 ng

RT: 16.335 min Scan# 2178

Delta R.T. 0.020 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Tgt Ion: 77 Resp: 15999

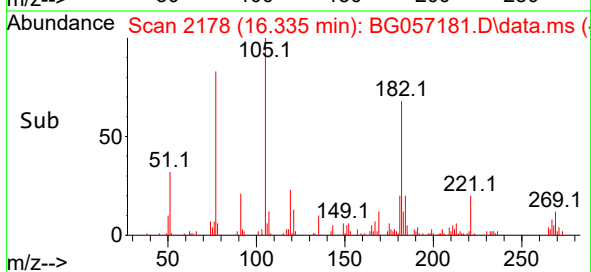
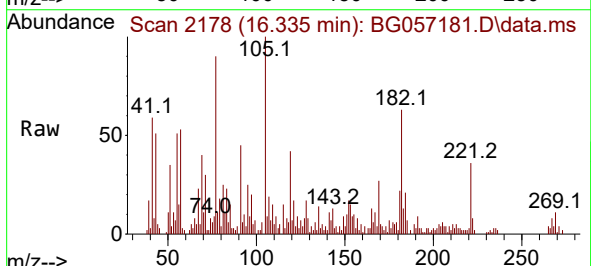
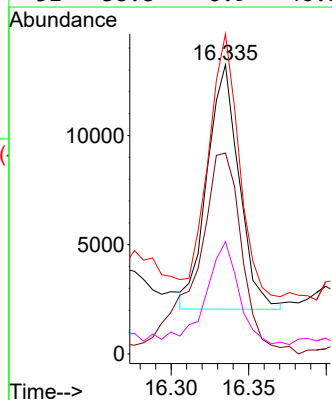
Ion Ratio Lower Upper

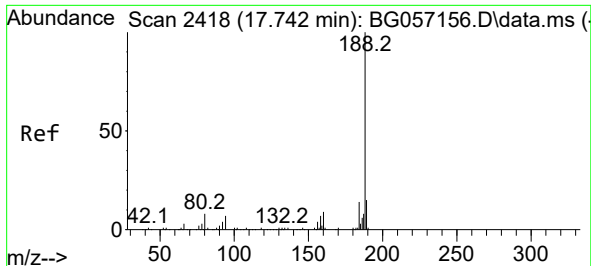
77 100

182 69.5 6.1 46.1#

105 110.6 0.0 38.4#

51 38.8 6.9 46.9

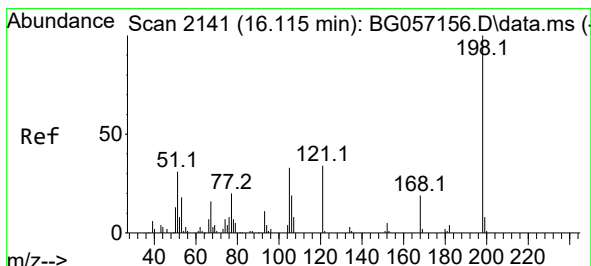
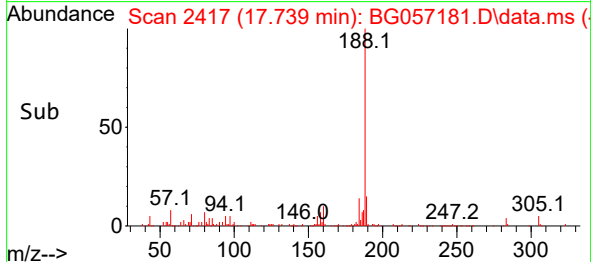
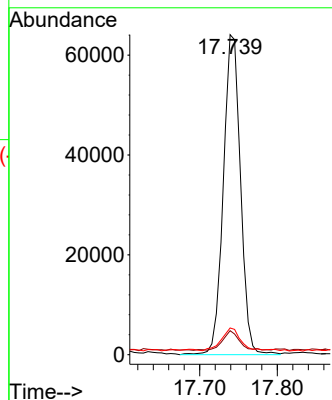
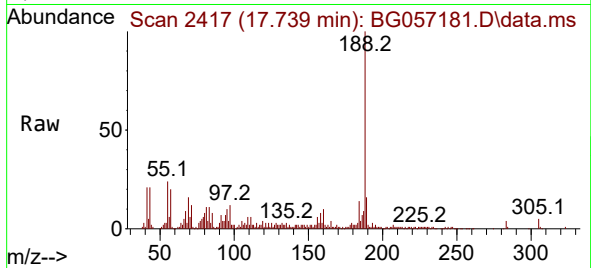




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.739 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

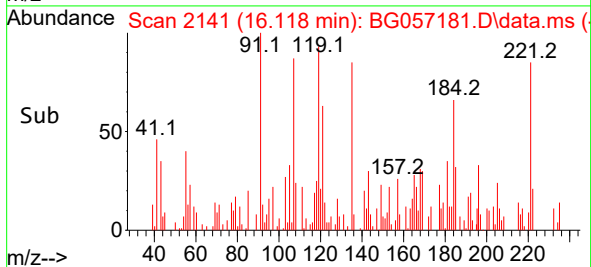
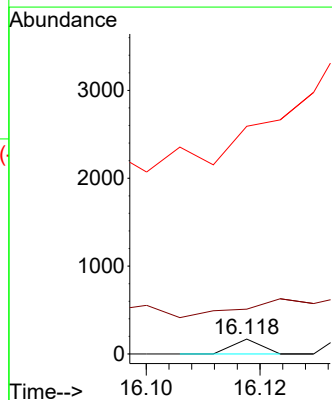
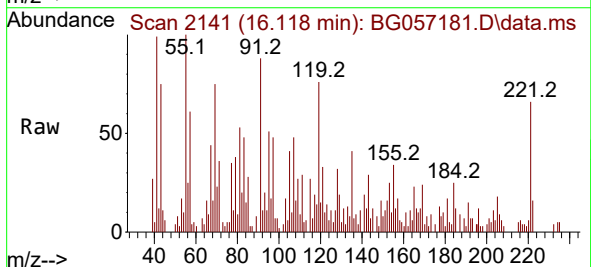
Instrument :
BNA_G
ClientSampleId :

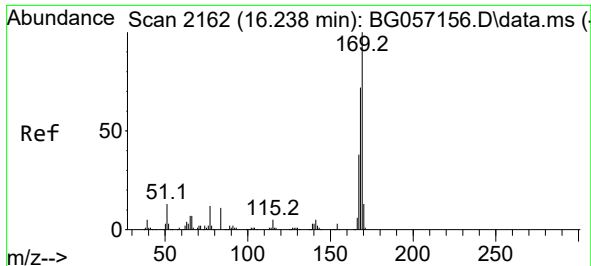
Tgt Ion:188 Resp: 98987
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.3 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.982 ng
RT: 16.118 min Scan# 2141
Delta R.T. 0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 301.8 13.1 53.1#
105 1533.7 14.1 54.1#

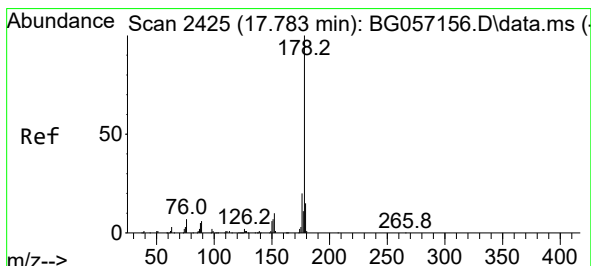
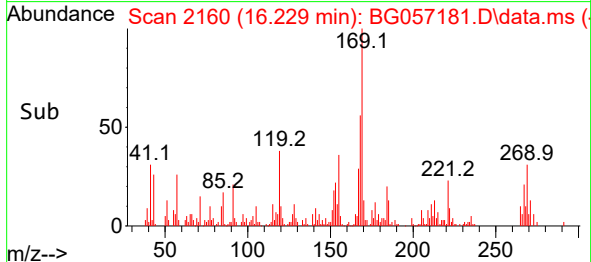
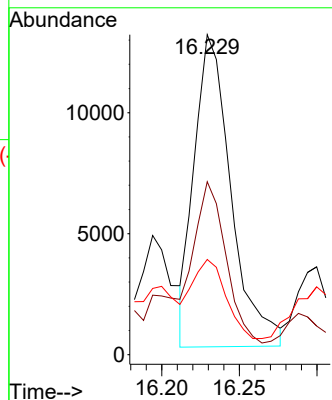
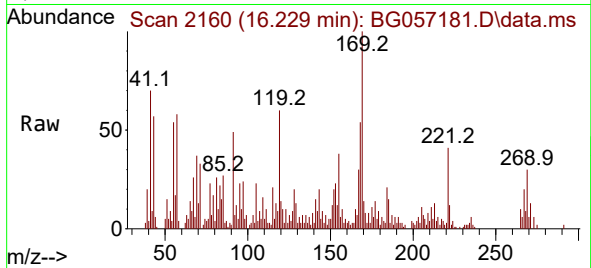




#66
n-Nitrosodiphenylamine
Concen: 8.231 ng
RT: 16.229 min Scan# 2160
Delta R.T. -0.009 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

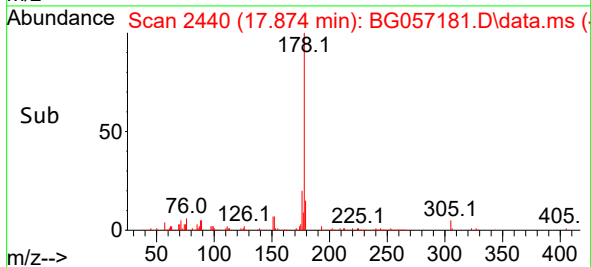
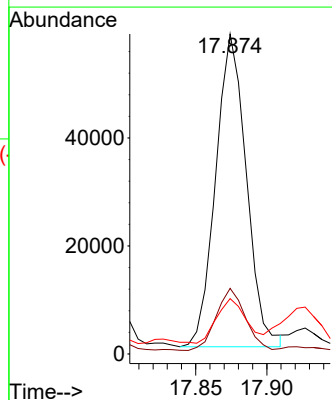
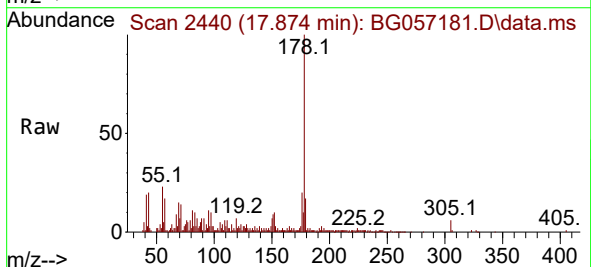
Instrument :
BNA_G
ClientSampleId :

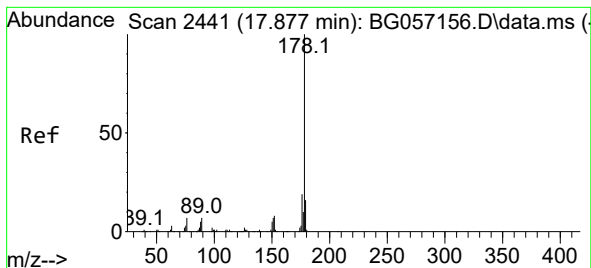
Tgt Ion:169 Resp: 21260
Ion Ratio Lower Upper
169 100
168 54.1 57.8 86.6#
167 29.8 30.5 45.7#



#71
Phenanthrene
Concen: 17.181 ng
RT: 17.874 min Scan# 2440
Delta R.T. 0.091 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion:178 Resp: 86823
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 17.3 12.4 18.6





#72

Anthracene

Concen: 16.992 ng

RT: 17.874 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :

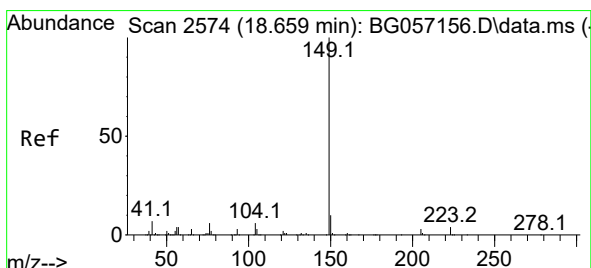
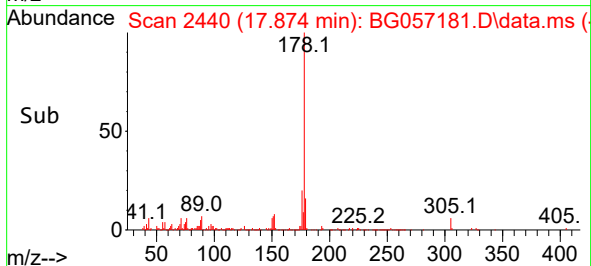
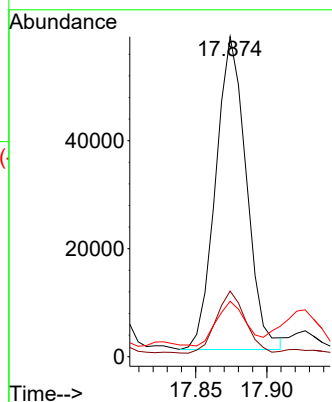
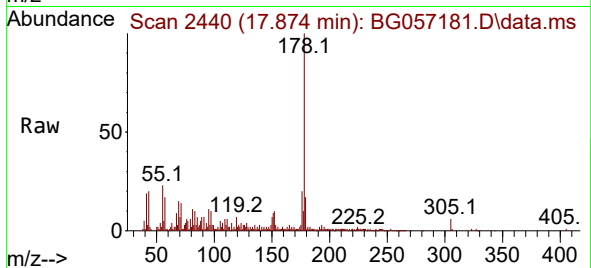
Tgt Ion:178 Resp: 86823

Ion Ratio Lower Upper

178 100

176 20.5 14.9 22.3

179 17.3 12.5 18.7



#74

Di-n-butylphthalate

Concen: 4.278 ng

RT: 18.655 min Scan# 2573

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

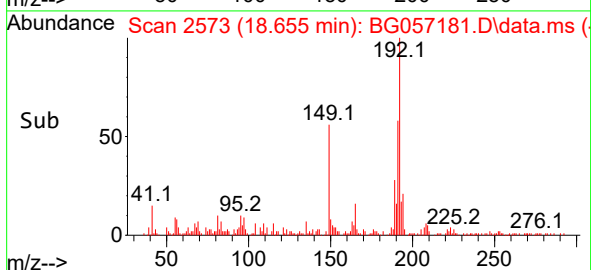
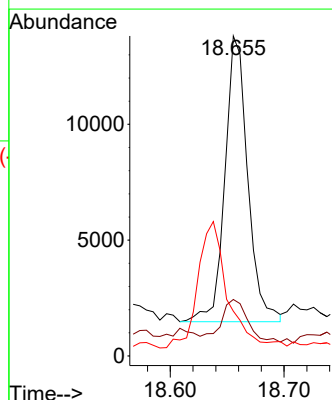
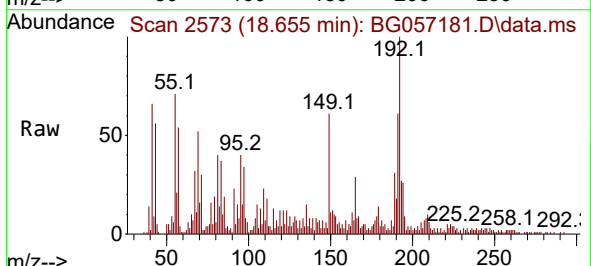
Tgt Ion:149 Resp: 17165

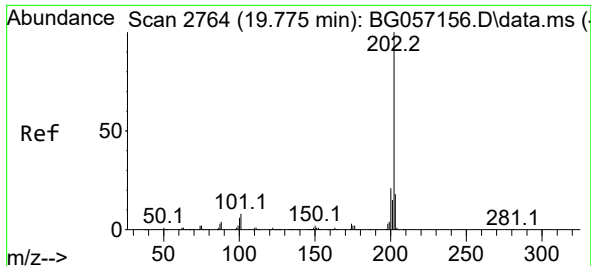
Ion Ratio Lower Upper

149 100

150 17.6 7.6 11.4#

104 14.0 4.7 7.1#

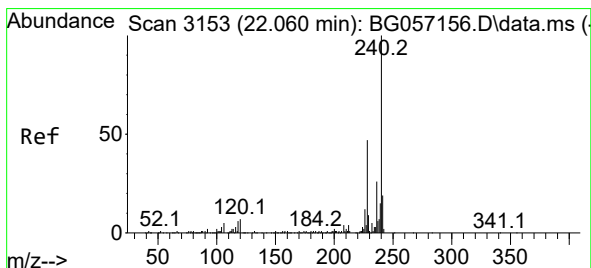
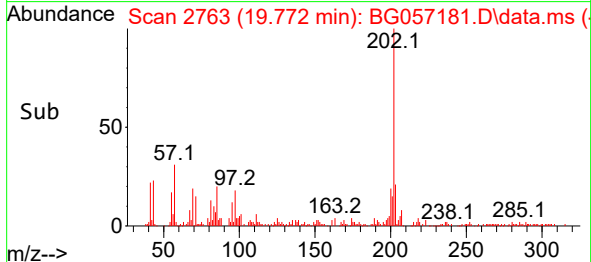
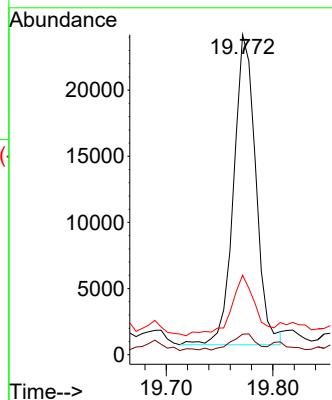
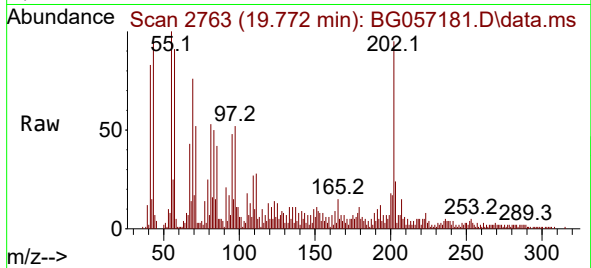




#75
Fluoranthene
Concen: 5.388 ng
RT: 19.772 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

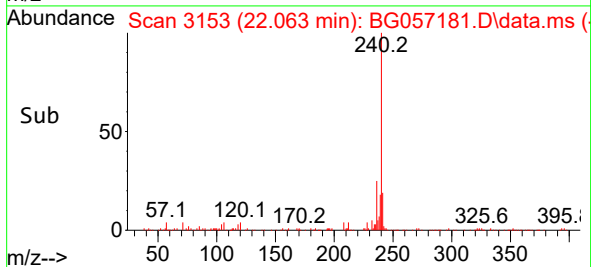
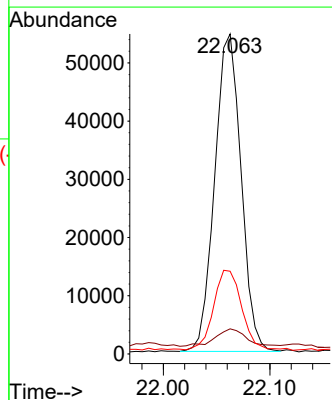
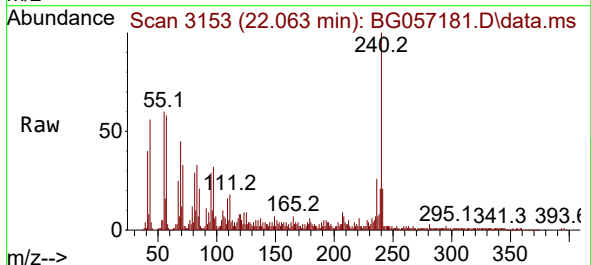
Instrument :
BNA_G
ClientSampleId :

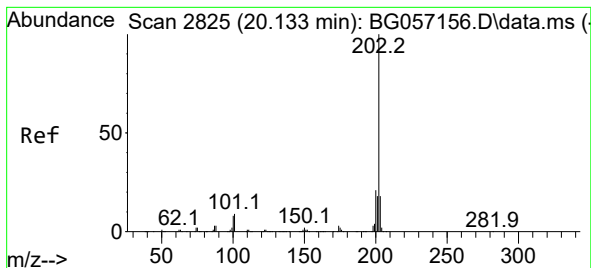
Tgt Ion:202 Resp: 33830
Ion Ratio Lower Upper
202 100
101 6.4 0.0 27.6
203 24.8 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.063 min Scan# 3153
Delta R.T. 0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion:240 Resp: 93423
Ion Ratio Lower Upper
240 100
120 7.9 5.5 8.3
236 25.8 20.8 31.2





#78

Pyrene

Concen: 5.934 ng

RT: 20.136 min Scan# 2825

Delta R.T. 0.003 min

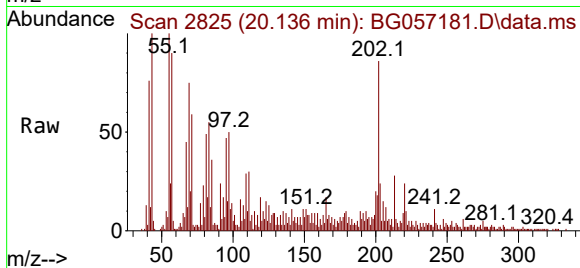
Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

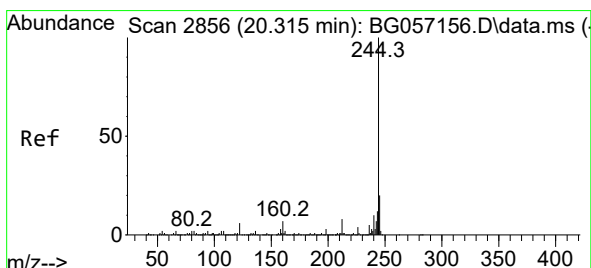
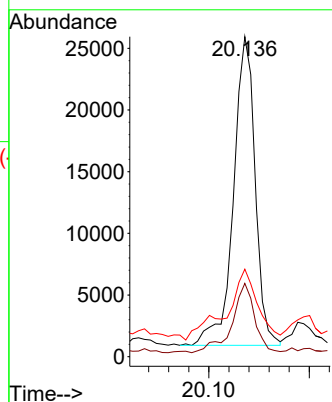
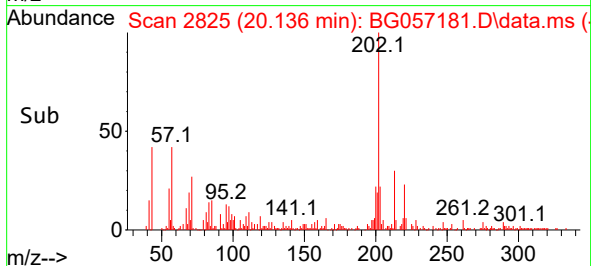
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	202	Resp:	37637
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.0	25.4
203	27.3	14.7	22.1#



#79

Terphenyl-d14

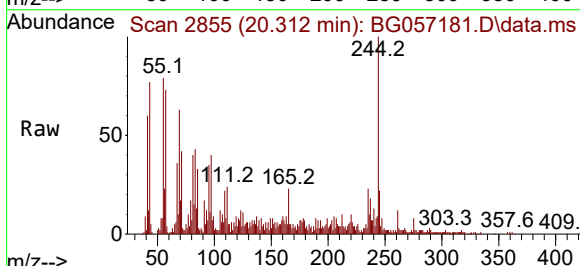
Concen: 9.908 ng

RT: 20.312 min Scan# 2855

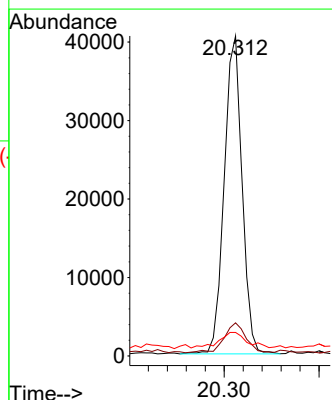
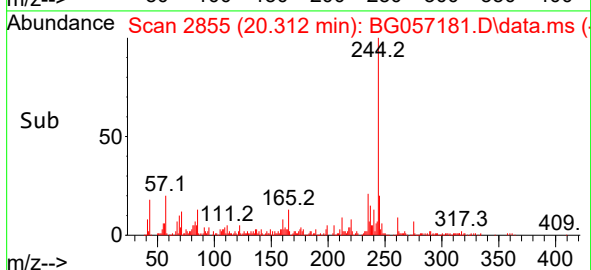
Delta R.T. -0.003 min

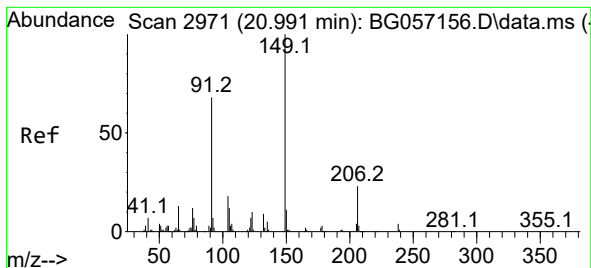
Lab File: BG057181.D

Acq: 25 Apr 2023 18:02



Tgt Ion:	244	Resp:	52919
Ion Ratio	Lower	Upper	
244	100		
212	10.4	6.0	9.0#
122	7.4	5.0	7.4





#80

Butylbenzylphthalate

Concen: 15.781 ng

RT: 20.988 min Scan# 2971

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :

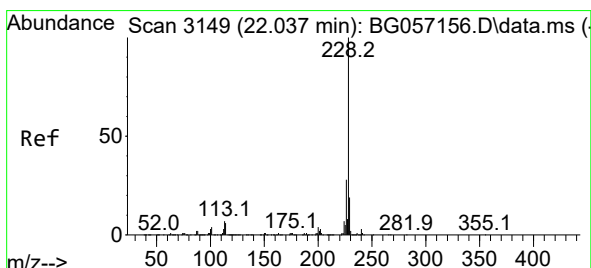
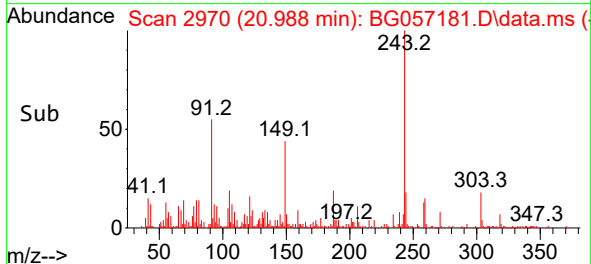
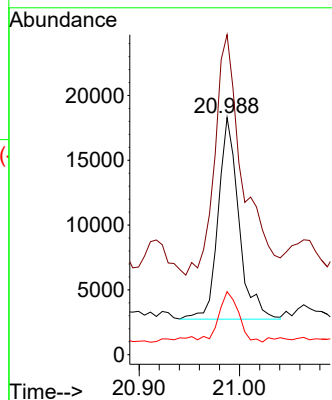
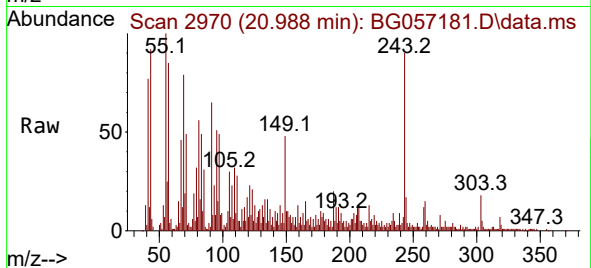
Tgt Ion:149 Resp: 22253

Ion Ratio Lower Upper

149 100

91 134.9 54.1 81.1#

206 26.6 18.2 27.2



#81

Benzo(a)anthracene

Concen: 2.057 ng

RT: 22.039 min Scan# 3149

Delta R.T. 0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

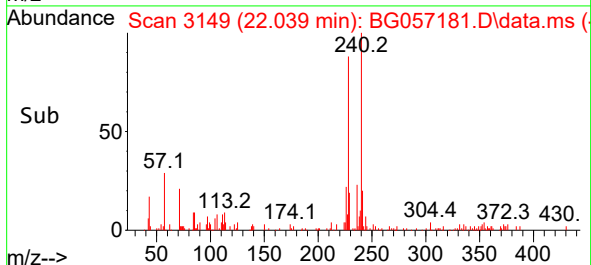
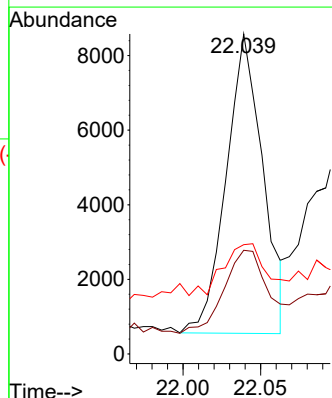
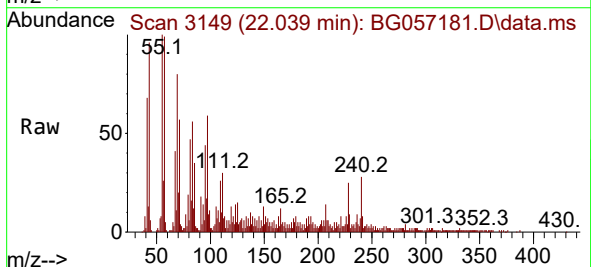
Tgt Ion:228 Resp: 13213

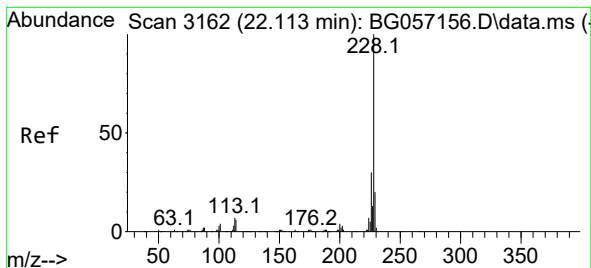
Ion Ratio Lower Upper

228 100

226 32.4 22.2 33.4

229 34.1 15.6 23.4#





#83

Chrysene

Concen: 2.759 ng

RT: 22.110 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :

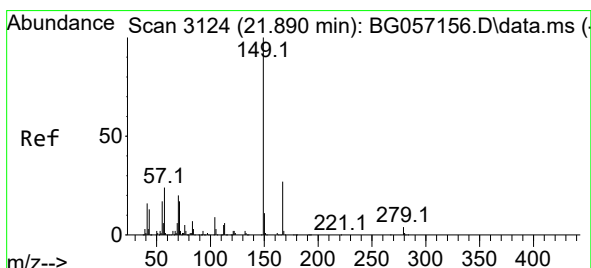
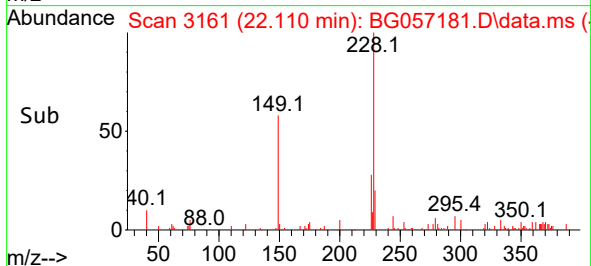
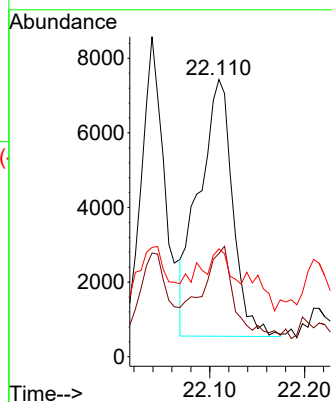
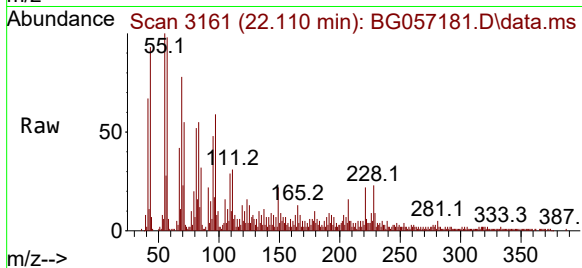
Tgt Ion:228 Resp: 17089

Ion Ratio Lower Upper

228 100

226 37.3 24.0 36.0#

229 38.9 15.8 23.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 438.598 ng

RT: 21.904 min Scan# 3126

Delta R.T. 0.014 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

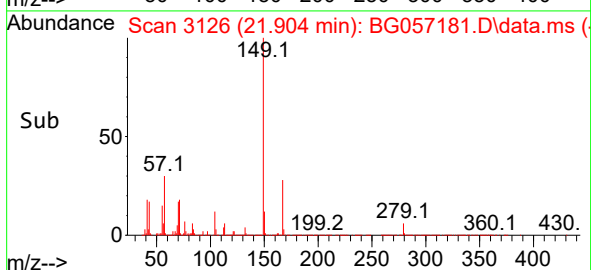
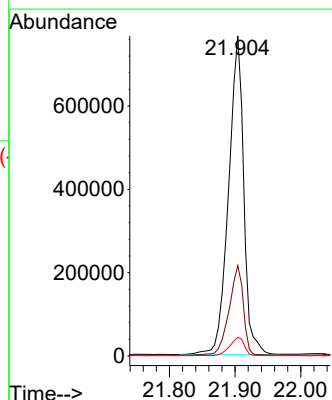
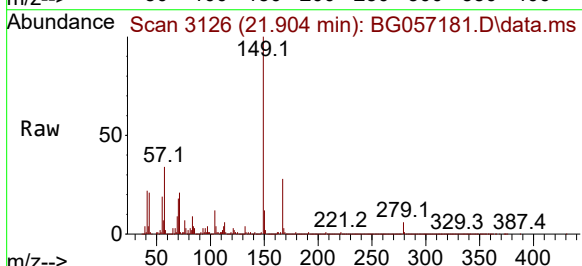
Tgt Ion:149 Resp: 1229287

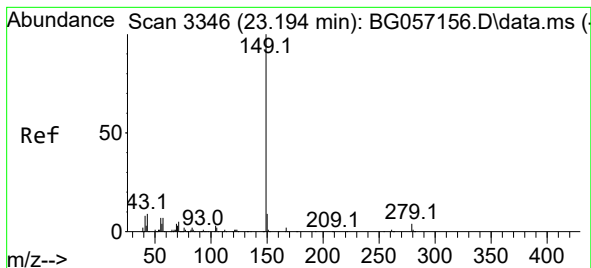
Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

279 5.8 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 15.208 ng

RT: 23.196 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

Instrument :

BNA_G

ClientSampleId :

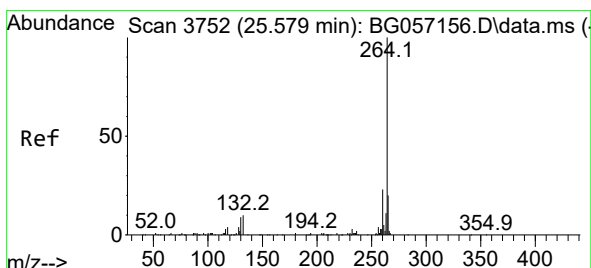
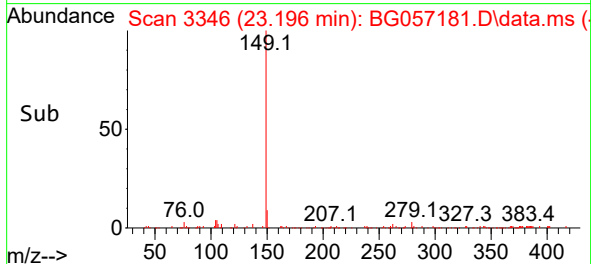
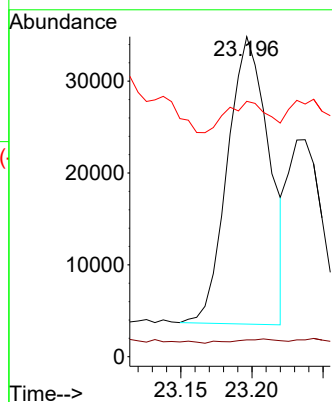
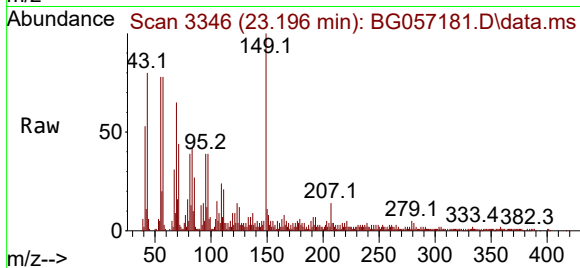
Tgt Ion:149 Resp: 63723

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.4 7.4 11.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.599 min Scan# 3755

Delta R.T. 0.020 min

Lab File: BG057181.D

Acq: 25 Apr 2023 18:02

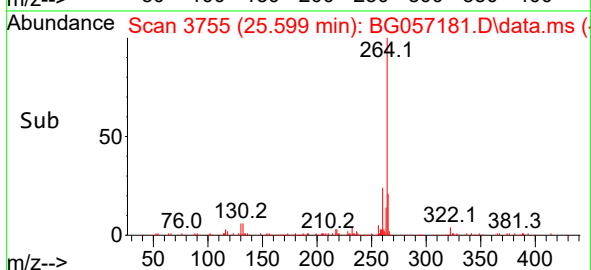
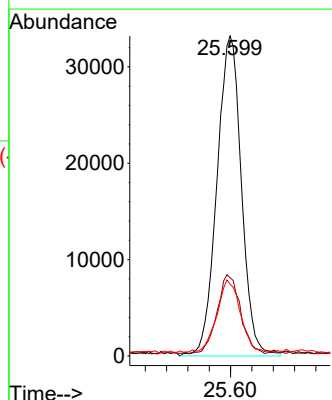
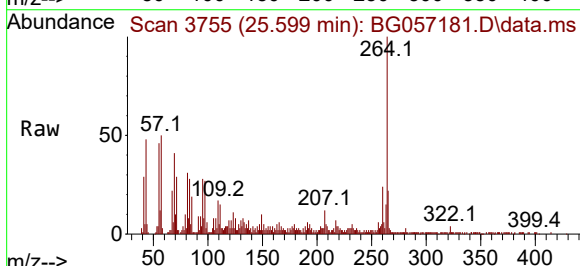
Tgt Ion:264 Resp: 106040

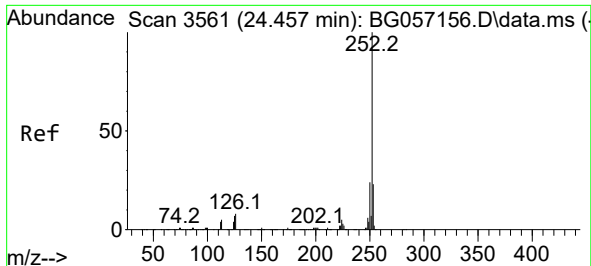
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.4 16.4 24.6

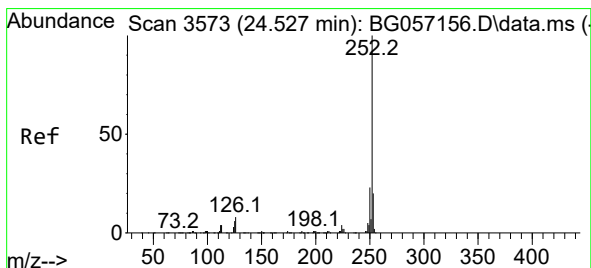
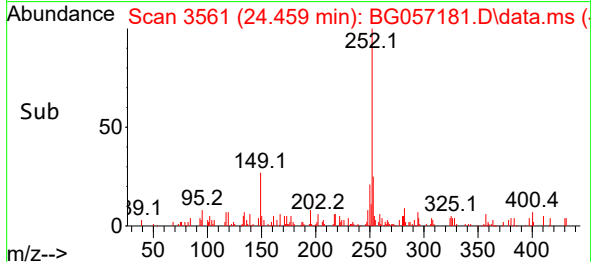
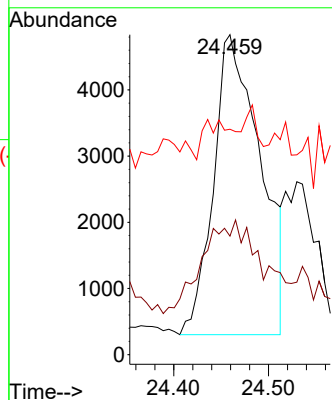
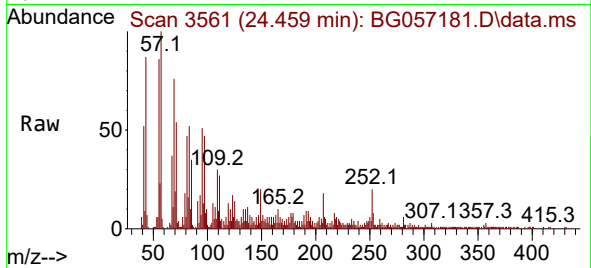




#88
Benzo(b)fluoranthene
Concen: 2.339 ng
RT: 24.459 min Scan# 3561
Delta R.T. 0.003 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 15550
Ion Ratio Lower Upper
252 100
253 37.1 18.2 27.2#
125 70.4 5.3 7.9#



#89
Benzo(k)fluoranthene
Concen: 2.262 ng
RT: 24.459 min Scan# 3561
Delta R.T. -0.068 min
Lab File: BG057181.D
Acq: 25 Apr 2023 18:02

Tgt Ion:252 Resp: 15550
Ion Ratio Lower Upper
252 100
253 37.1 16.7 25.1#
125 70.4 5.0 7.6#

