

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057180.D
 Acq On : 25 Apr 2023 17:22
 Operator : CG/JU
 Sample : 02386-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL

Quant Time: Apr 26 00:23:36 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	8.386	152	17036	20.000	ng	0.00
21) Naphthalene-d8	11.223	136	67054	20.000	ng	# 0.00
39) Acenaphthene-d10	15.001	164	45371	20.000	ng	0.00
64) Phenanthrene-d10	17.744	188	97952	20.000	ng	0.00
76) Chrysene-d12	22.067	240	94581	20.000	ng	# 0.00
86) Perylene-d12	25.610	264	103686	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.901	112	11681	12.425	ng	0.00
7) Phenol-d6	7.517	99	18345	13.487	ng	0.00
23) Nitrobenzene-d5	9.561	82	14050	10.359	ng	0.00
42) 2,4,6-Tribromophenol	16.493	330	6683	11.164	ng	0.00
45) 2-Fluorobiphenyl	13.620	172	26973	7.990	ng	-0.01
79) Terphenyl-d14	20.311	244	45340	8.385	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.945	42	1301	2.822	ng	# 1
9) Benzaldehyde	7.511	77	11343	13.923	ng	# 1
12) 1,3-Dichlorobenzene	8.274	146	24960	21.395	ng	# 91
13) 1,4-Dichlorobenzene	8.421	146	111645	94.958	ng	99
14) 1,2-Dichlorobenzene	8.744	146	96199	84.743	ng	95
15) Benzyl Alcohol	8.603	79	11601	11.575	ng	# 62
16) 2,2'-oxybis(1-Chloropr...	8.885	45	57	5.481	ng	# 1
18) Hexachloroethane	9.490	117	17274	43.308	ng	# 1
19) n-Nitroso-di-n-propyla...	9.132	70	4649	5.495	ng	# 25
22) Acetophenone	9.191	105	40469	22.248	ng	# 60
24) Nitrobenzene	9.590	77	3998	2.936	ng	# 16
25) Isophorone	10.125	82	6920	2.660	ng	# 1
27) 2,4-Dimethylphenol	10.372	122	1988	2.033	ng	98
30) 1,2,4-Trichlorobenzene	11.082	180	45114	33.868	ng	91
31) Naphthalene	11.276	128	169294	47.534	ng	98
32) Benzoic acid	10.442	122	395	6.887	ng	# 1
33) 4-Chloroaniline	11.276	127	24716	15.784	ng	# 41
35) Caprolactam	12.187	113	3504	11.617	ng	# 1
37) 2-Methylnaphthalene	12.851	142	148273	52.904	ng	95
38) 1-Methylnaphthalene	13.068	142	85966	33.223	ng	# 97
46) 1,1'-Biphenyl	13.832	154	138706	41.015	ng	100
48) 2-Nitroaniline	14.049	65	32045	50.026	ng	# 8
50) Dimethylphthalate	14.331	163	9918	3.115	ng	# 93
52) Acenaphthene	15.059	154	8300	3.135	ng	# 83
54) 2,4-Dinitrophenol	14.918	184	521	7.733	ng	# 1
55) Dibenzofuran	15.388	168	10293	2.400	ng	# 20
56) 4-Nitrophenol	15.189	139	5012	10.789	ng	# 69
57) 2,4-Dinitrotoluene	15.330	165	1893	2.091	ng	# 71
58) Fluorene	16.040	166	20623	5.972	ng	# 88
63) Azobenzene	16.334	77	23779	7.283	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.140	198	672	6.065	ng	# 1
66) n-Nitrosodiphenylamine	16.228	169	29865	11.685	ng	# 79
69) Atrazine	17.027	200	9111	11.161	ng	# 73
71) Phenanthrene	17.873	178	91257	18.249	ng	96
72) Anthracene	17.873	178	92647	18.324	ng	95
74) Di-n-butylphthalate	18.660	149	35529	8.949	ng	# 86

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057180.D
 Acq On : 25 Apr 2023 17:22
 Operator : CG/JU
 Sample : 02386-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL

Quant Time: Apr 26 00:23:36 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)

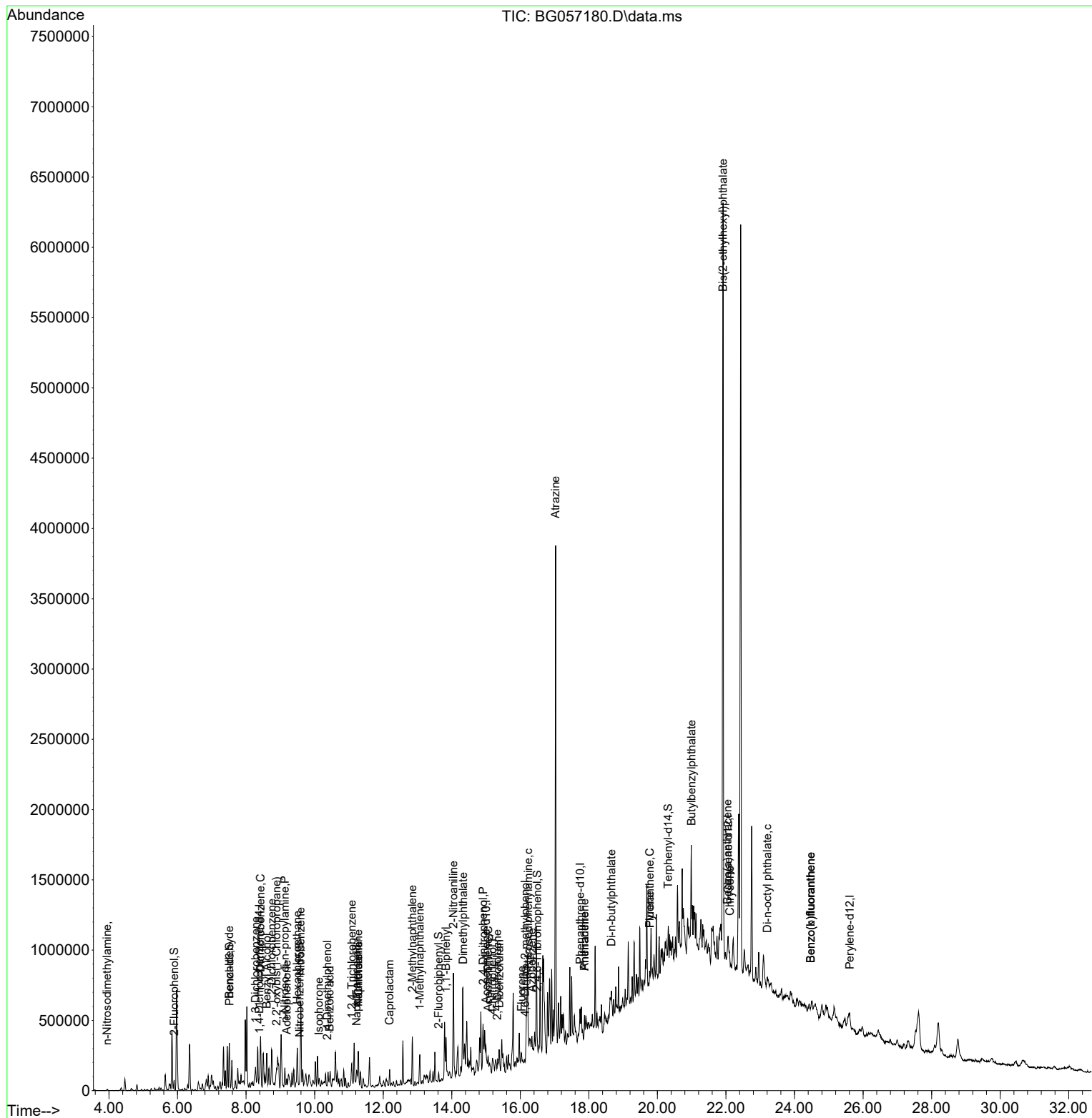
75) Fluoranthene	19.776	202	46973	7.561	ng	93
78) Pyrene	19.776	202	46973	7.315	ng	96
80) Butylbenzylphthalate	20.992	149	33922	22.137	ng #	23
81) Benzo(a)anthracene	22.044	228	17535	2.696	ng #	72
83) Chrysene	22.114	228	26856	4.282	ng #	79
84) Bis(2-ethylhexyl)phtha...	21.915	149	2237900	785.865	ng #	93
85) Di-n-octyl phthalate	23.207	149	133146	31.388	ng #	87
88) Benzo(b)fluoranthene	24.476	252	19764	3.041	ng #	24
89) Benzo(k)fluoranthene	24.476	252	19764	2.940	ng #	19

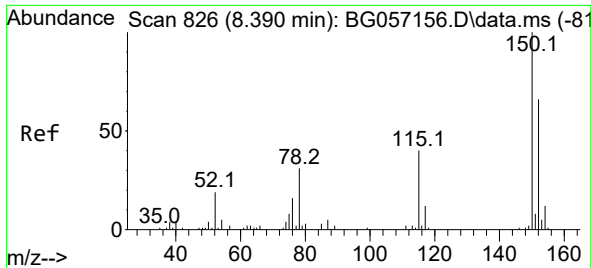
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
Data File : BG057180.D
Acq On : 25 Apr 2023 17:22
Operator : CG/JU
Sample : 02386-19DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

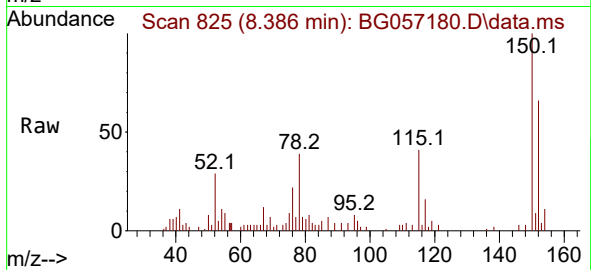
Quant Time: Apr 26 00:23:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration



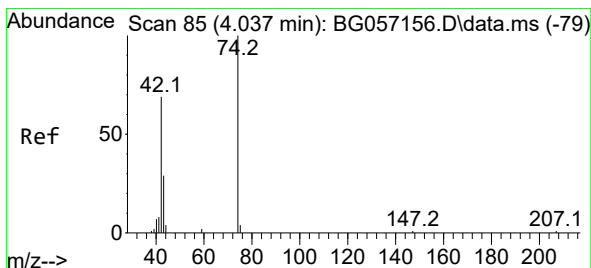
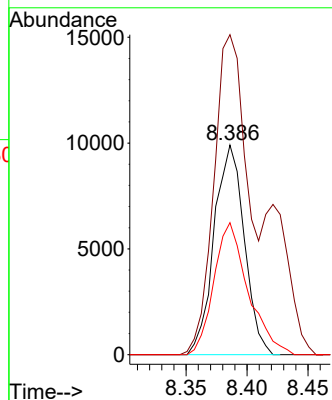
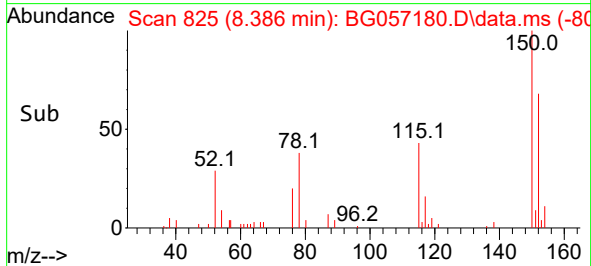


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.386 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

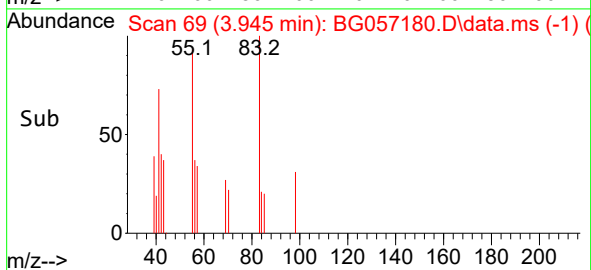
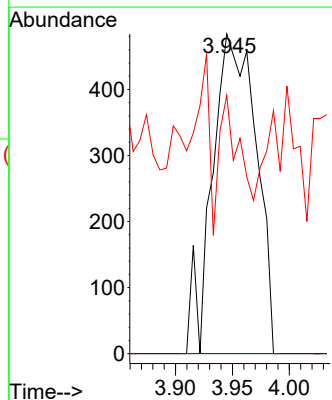
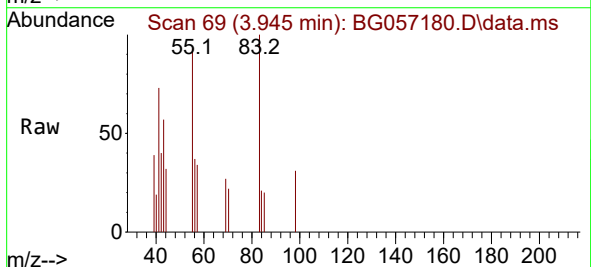


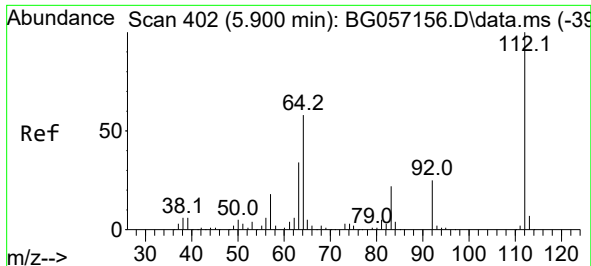
Tgt Ion:152 Resp: 17036
Ion Ratio Lower Upper
152 100
150 152.6 121.4 182.2
115 62.9 48.1 72.1



#4
n-Nitrosodimethylamine
Concen: 2.822 ng
RT: 3.945 min Scan# 69
Delta R.T. -0.092 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion: 42 Resp: 1301
Ion Ratio Lower Upper
42 100
74 0.0 115.6 173.4#
44 80.8 7.1 10.7#

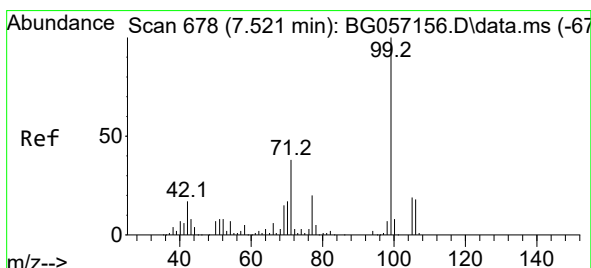
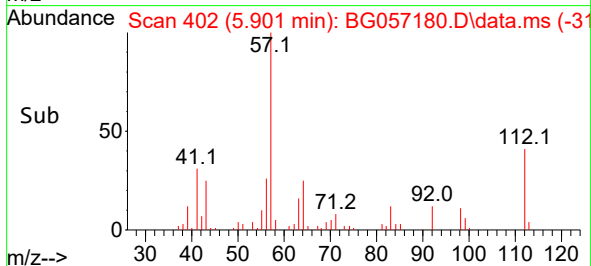
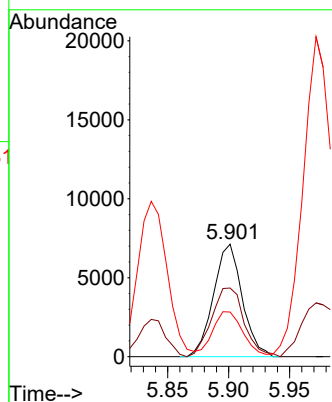
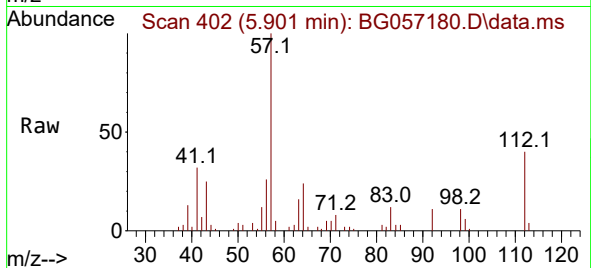




#5
2-Fluorophenol
Concen: 12.425 ng
RT: 5.901 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

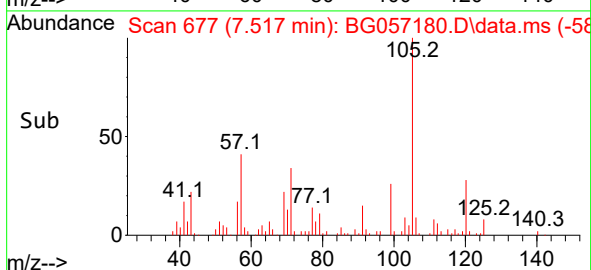
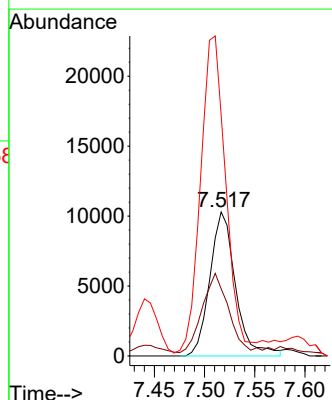
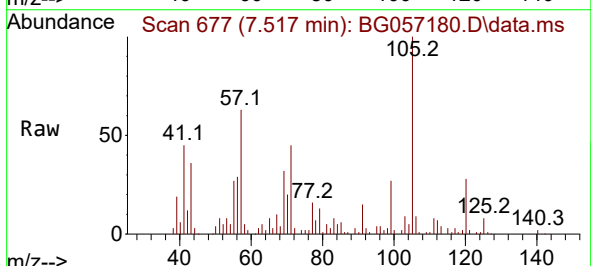
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

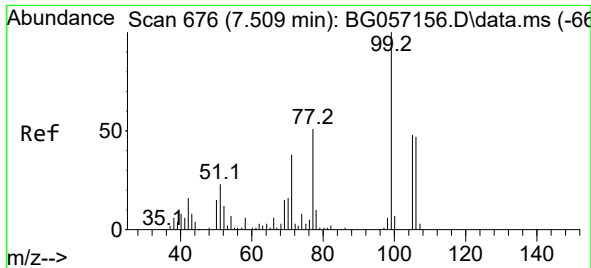
Tgt Ion:112 Resp: 11681
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 39.7 26.9 40.3



#7
Phenol-d6
Concen: 13.487 ng
RT: 7.517 min Scan# 677
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion: 99 Resp: 18345
Ion Ratio Lower Upper
99 100
42 46.6 13.4 20.0#
71 167.3 30.2 45.2#

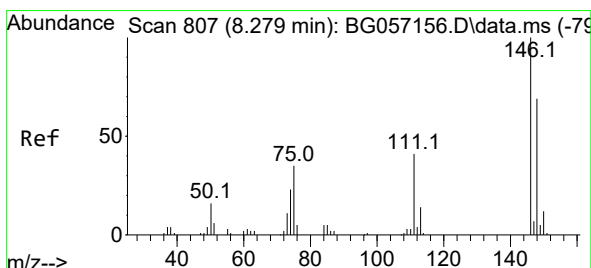
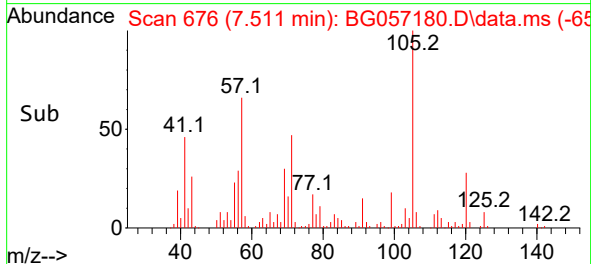
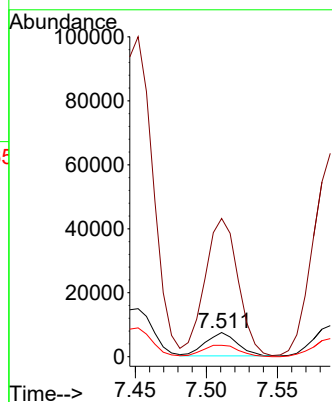
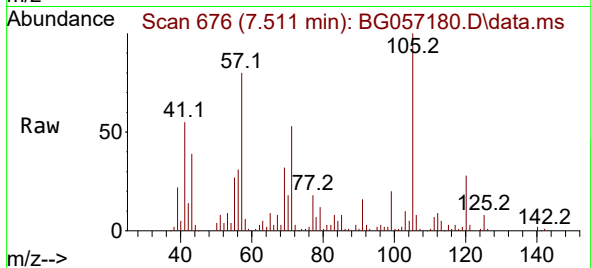




#9
Benzaldehyde
Concen: 13.923 ng
RT: 7.511 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

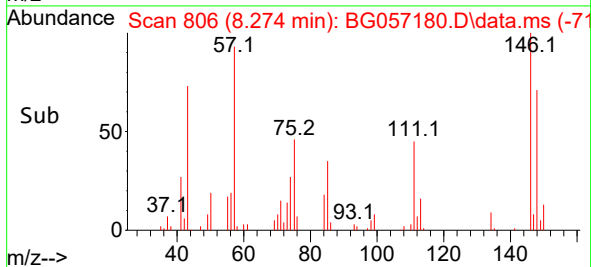
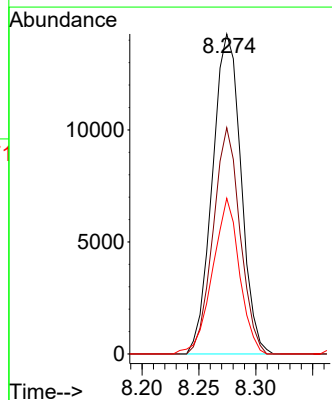
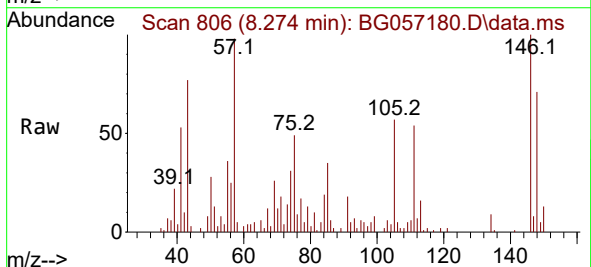
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

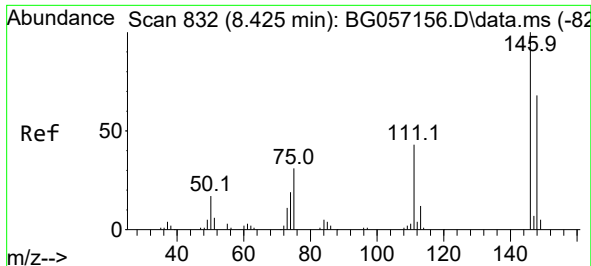
Tgt Ion: 77 Resp: 11343
Ion Ratio Lower Upper
77 100
105 570.8 73.5 113.5#
106 47.1 72.7 112.7#



#12
1,3-Dichlorobenzene
Concen: 21.395 ng
RT: 8.274 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:146 Resp: 24960
Ion Ratio Lower Upper
146 100
148 70.7 55.4 83.2
75 48.7 28.2 42.4#

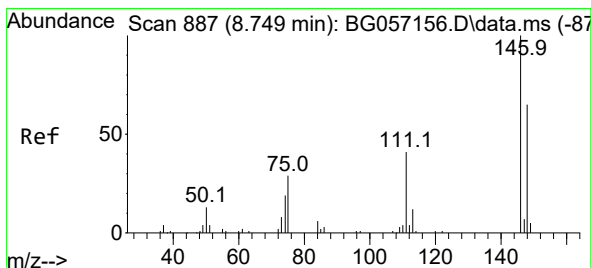
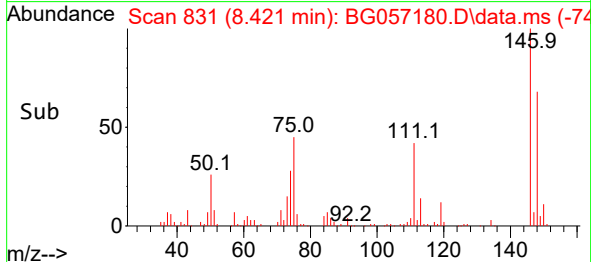
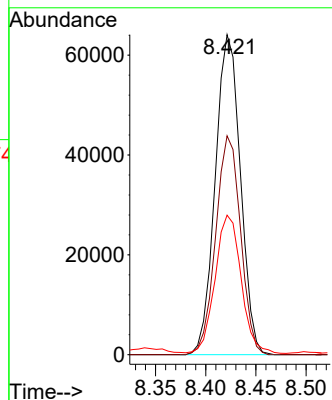
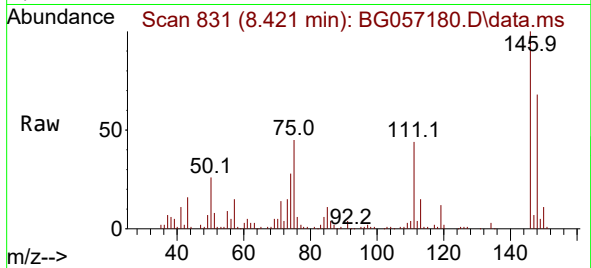




#13
1,4-Dichlorobenzene
Concen: 94.958 ng
RT: 8.421 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

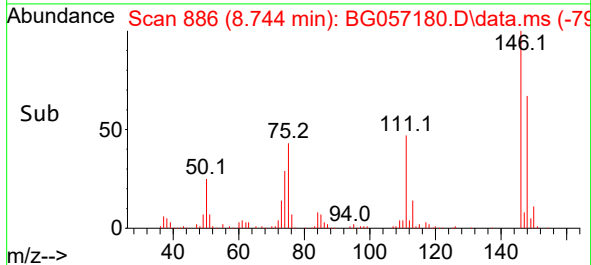
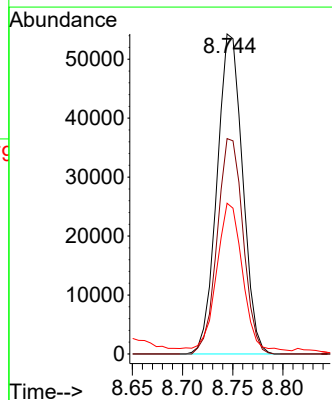
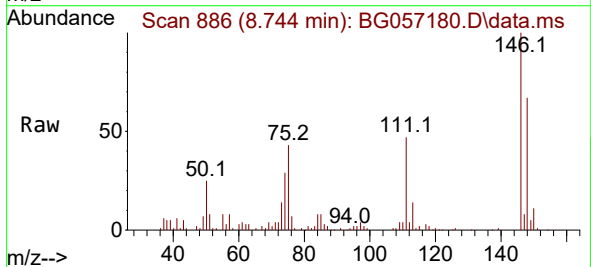
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

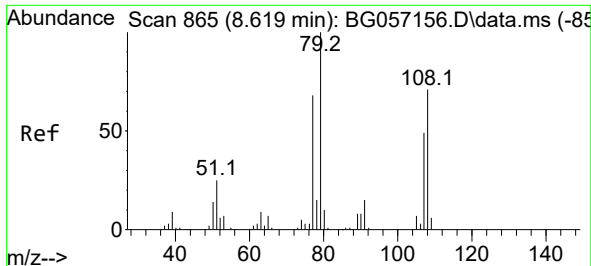
Tgt Ion:146 Resp: 111645
Ion Ratio Lower Upper
146 100
148 68.4 54.3 81.5
111 43.6 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 84.743 ng
RT: 8.744 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:146 Resp: 96199
Ion Ratio Lower Upper
146 100
148 67.3 52.3 78.5
111 47.1 33.1 49.7

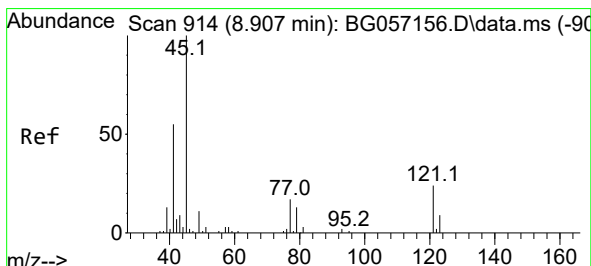
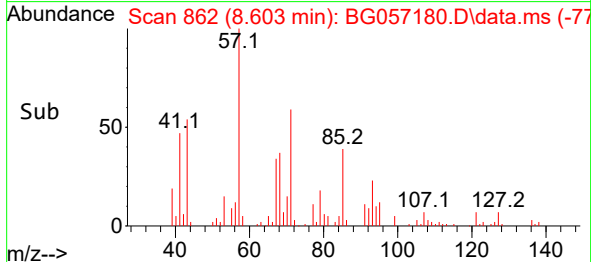
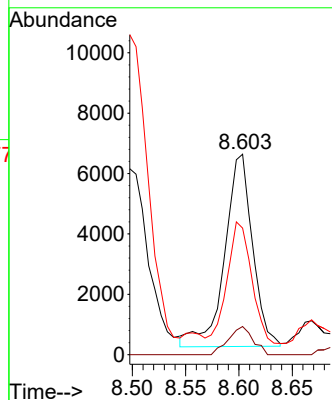
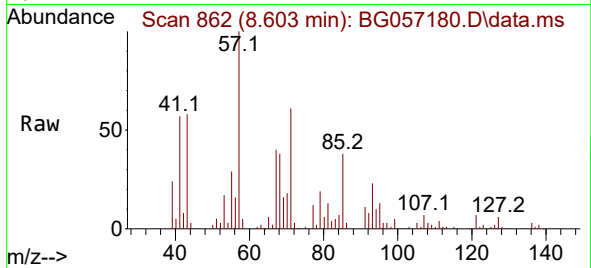




#15
Benzyl Alcohol
Concen: 11.575 ng
RT: 8.603 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

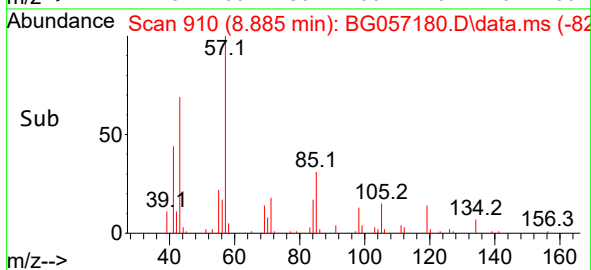
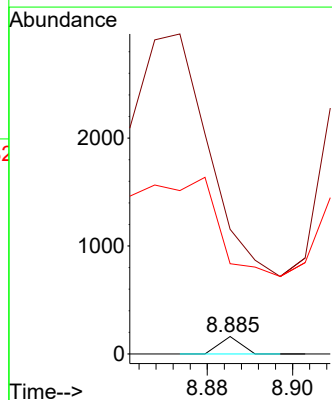
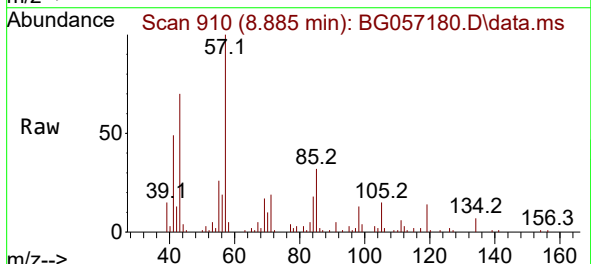
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

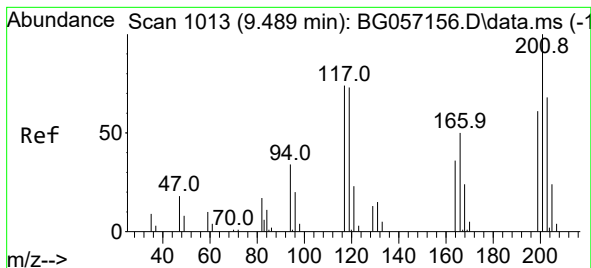
Tgt Ion: 79 Resp: 11601
Ion Ratio Lower Upper
79 100
108 14.1 56.8 85.2#
77 63.2 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.481 ng
RT: 8.885 min Scan# 910
Delta R.T. -0.022 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion: 45 Resp: 57
Ion Ratio Lower Upper
45 100
77 717.4 0.0 38.7#
79 519.3 0.0 34.9#





#18

Hexachloroethane

Concen: 43.308 ng

RT: 9.490 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

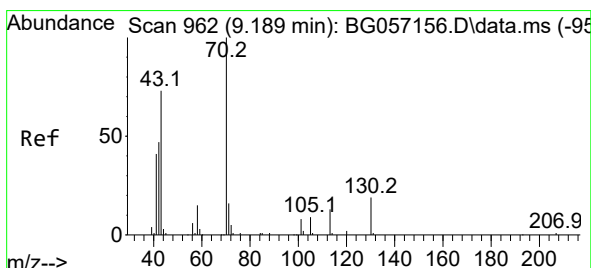
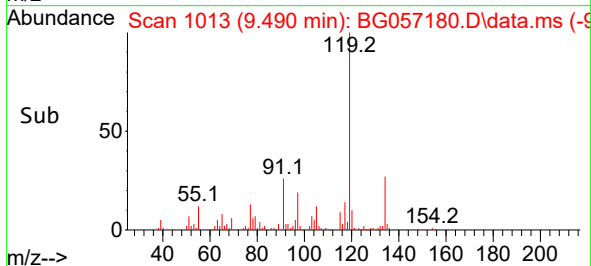
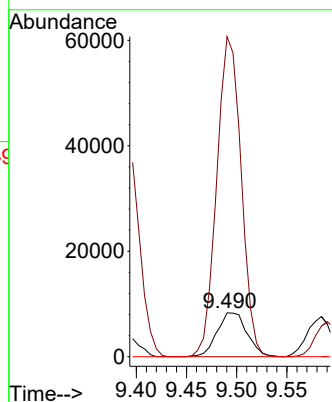
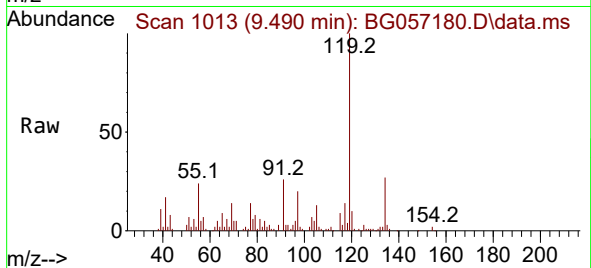
Tgt Ion:117 Resp: 17274

Ion Ratio Lower Upper

117 100

119 729.8 78.3 117.5#

201 0.0 107.6 161.4#



#19

n-Nitroso-di-n-propylamine

Concen: 5.495 ng

RT: 9.132 min Scan# 952

Delta R.T. -0.057 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Tgt Ion: 70 Resp: 4649

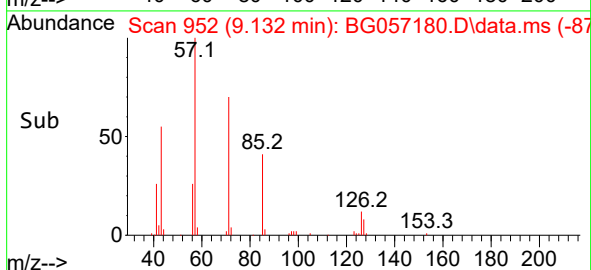
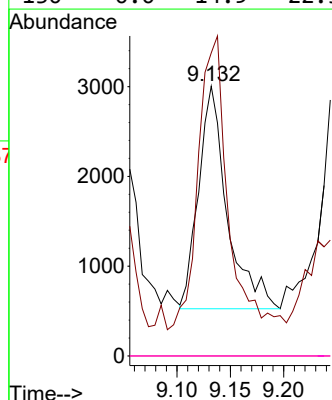
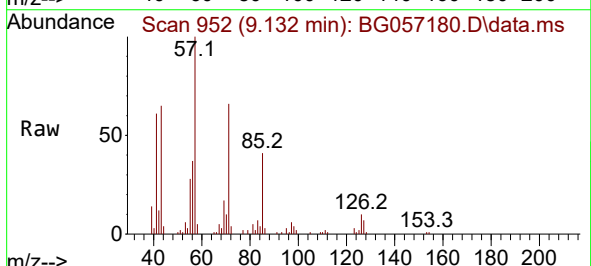
Ion Ratio Lower Upper

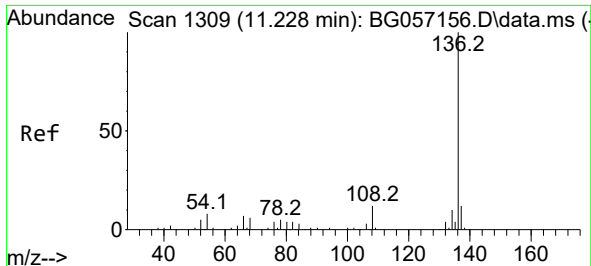
70 100

42 112.3 38.0 57.0#

101 0.0 6.6 9.8#

130 0.0 14.9 22.3#

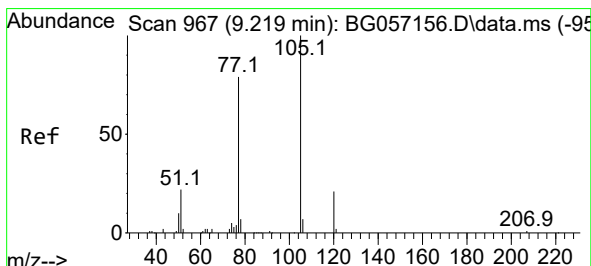
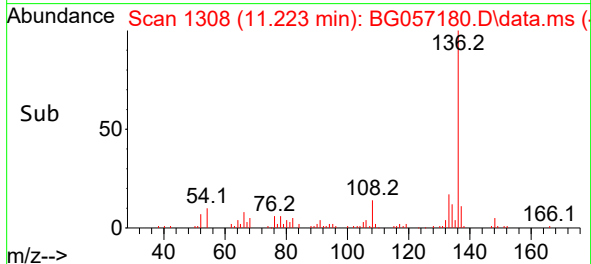
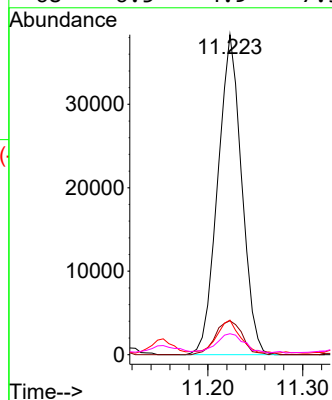
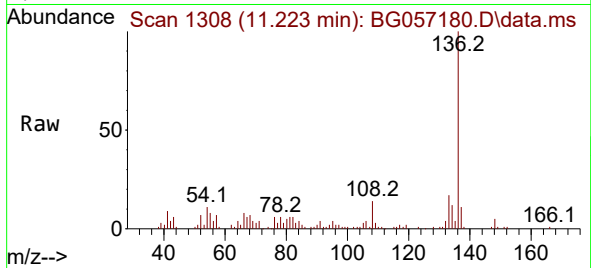




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.223 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

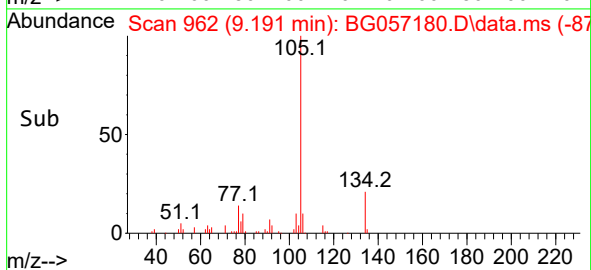
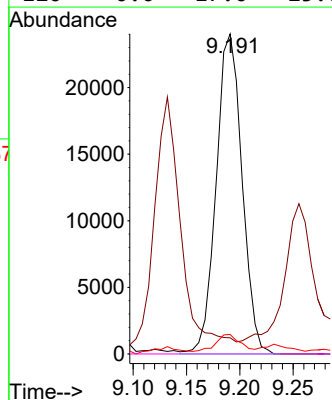
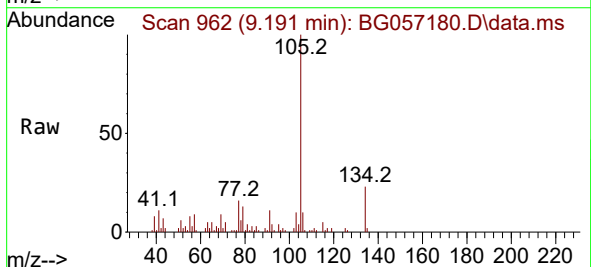
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

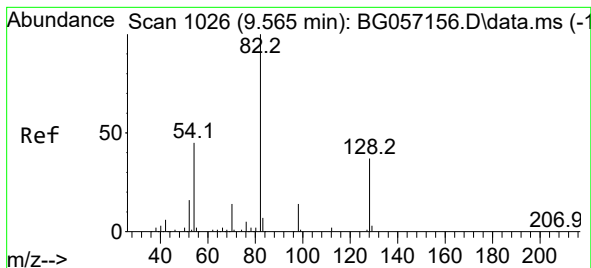
Tgt Ion:136	Resp:	67054
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.5 14.3
54	10.8	6.4 9.6#
68	6.5	4.9 7.3



#22
Acetophenone
Concen: 22.248 ng
RT: 9.191 min Scan# 962
Delta R.T. -0.028 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:105	Resp:	40469
Ion Ratio	Lower	Upper
105	100	
71	5.1	0.2 0.4#
51	6.1	19.4 29.0#
120	0.0	17.0 25.6#





#23

Nitrobenzene-d5

Concen: 10.359 ng

RT: 9.561 min Scan# 1025

Delta R.T. -0.004 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

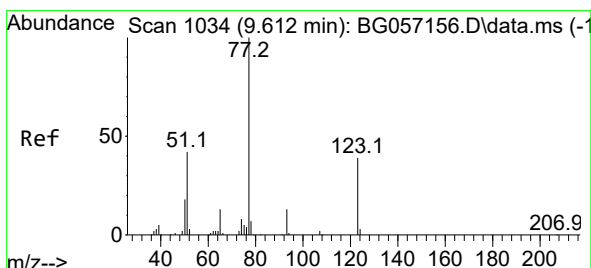
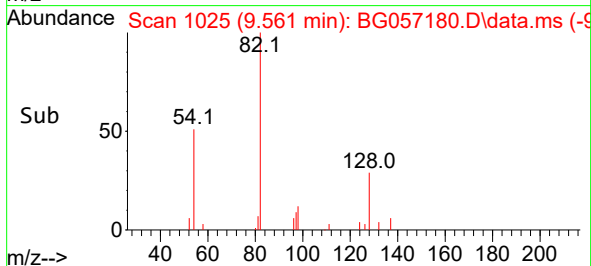
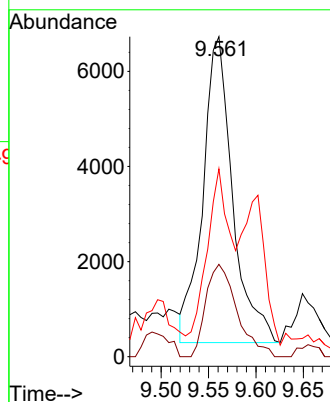
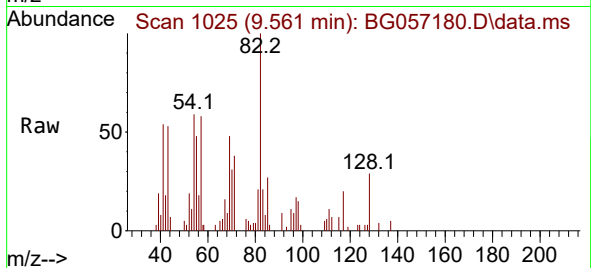
Tgt Ion: 82 Resp: 14050

Ion Ratio Lower Upper

82 100

128 28.8 29.4 44.2#

54 58.7 36.2 54.2#



#24

Nitrobenzene

Concen: 2.936 ng

RT: 9.590 min Scan# 1030

Delta R.T. -0.022 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

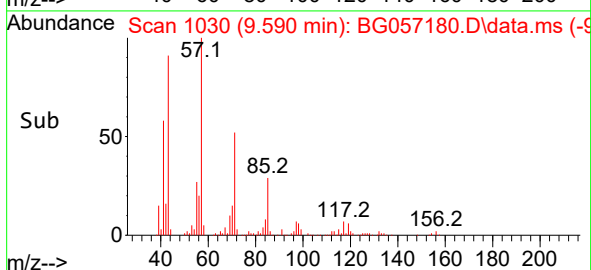
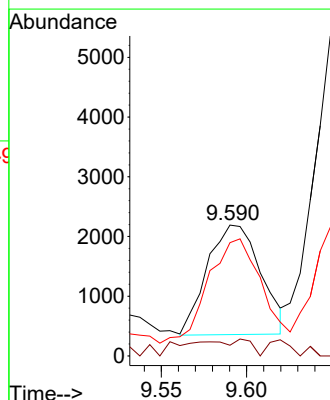
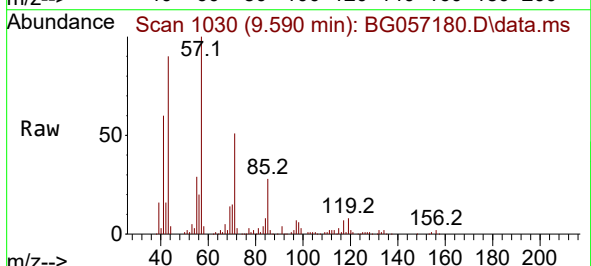
Tgt Ion: 77 Resp: 3998

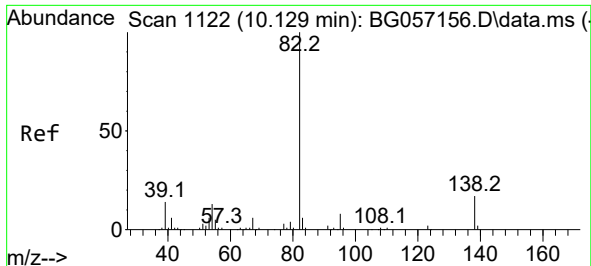
Ion Ratio Lower Upper

77 100

123 8.2 31.3 46.9#

65 86.5 10.5 15.7#

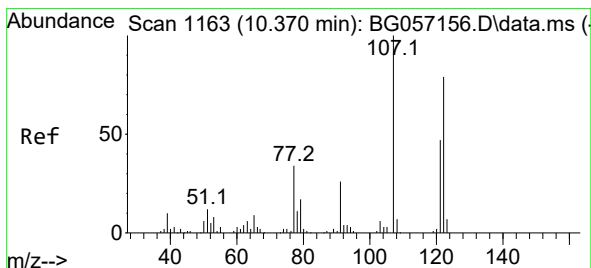
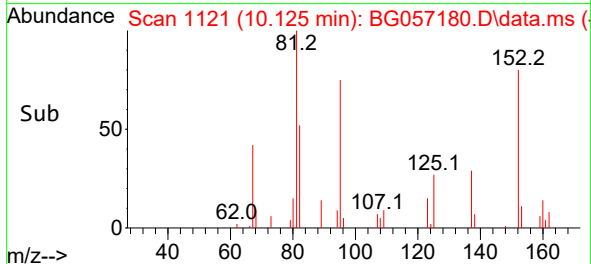
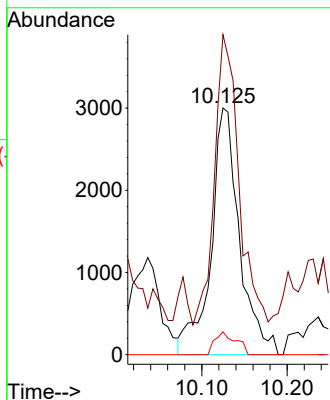
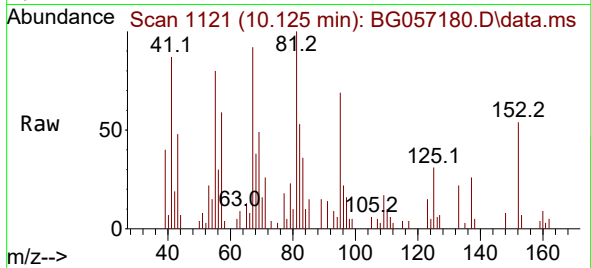




#25
Isophorone
Concen: 2.660 ng
RT: 10.125 min Scan# 1122
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

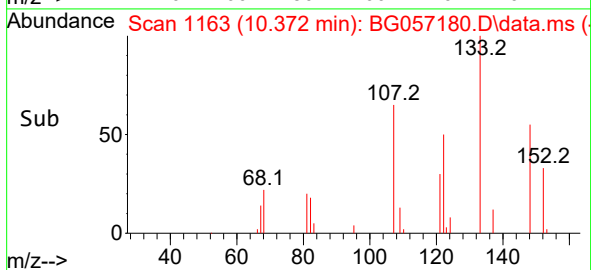
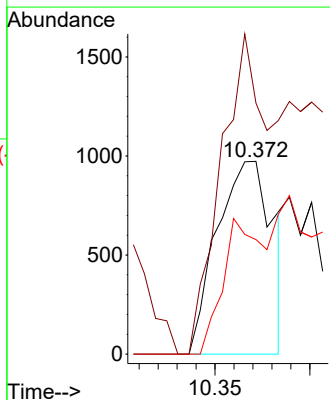
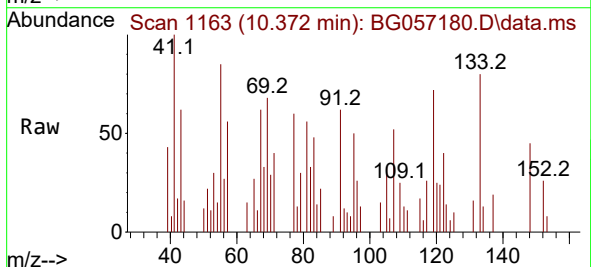
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

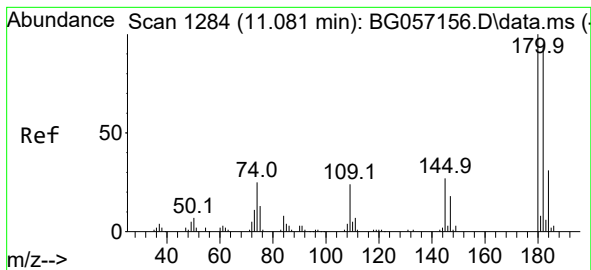
Tgt Ion: 82 Resp: 6920
Ion Ratio Lower Upper
82 100
95 129.7 6.2 9.2#
138 9.3 13.4 20.0#



#27
2,4-Dimethylphenol
Concen: 2.033 ng
RT: 10.372 min Scan# 1163
Delta R.T. 0.002 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:122 Resp: 1988
Ion Ratio Lower Upper
122 100
107 130.2 101.5 152.3
121 59.4 48.0 72.0

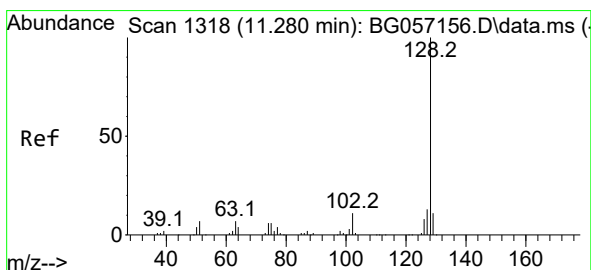
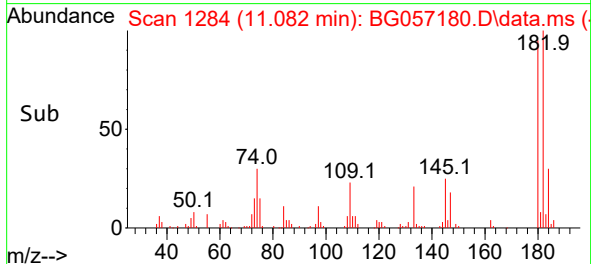
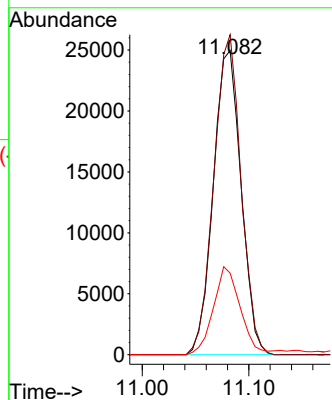
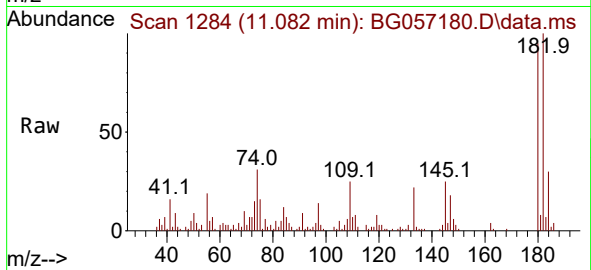




#30
 1,2,4-Trichlorobenzene
 Concen: 33.868 ng
 RT: 11.082 min Scan# 11082
 Delta R.T. 0.002 min
 Lab File: BG057180.D
 Acq: 25 Apr 2023 17:22

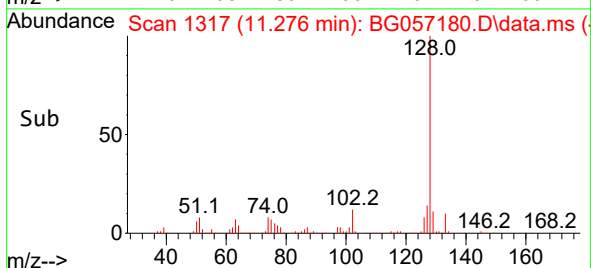
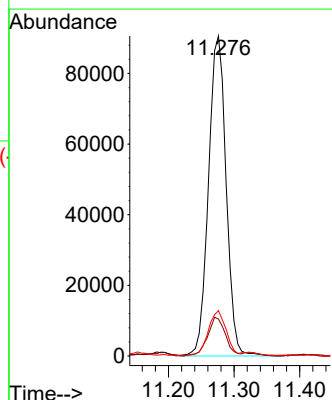
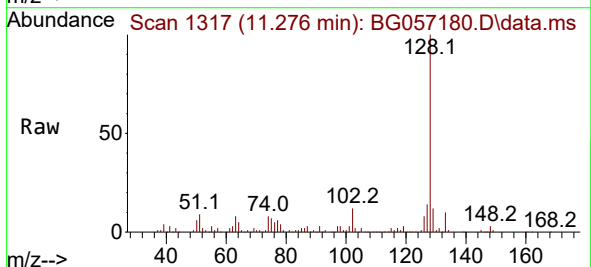
Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL

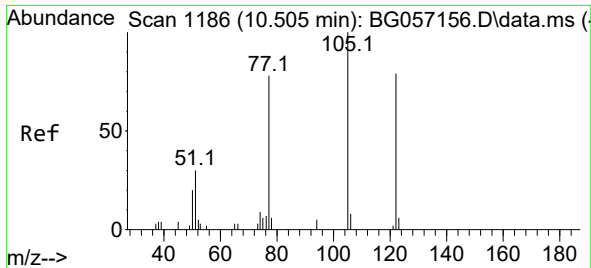
Tgt Ion:180 Resp: 45114
 Ion Ratio Lower Upper
 180 100
 182 105.2 75.0 112.6
 145 26.8 21.4 32.2



#31
 Naphthalene
 Concen: 47.534 ng
 RT: 11.276 min Scan# 1317
 Delta R.T. -0.004 min
 Lab File: BG057180.D
 Acq: 25 Apr 2023 17:22

Tgt Ion:128 Resp: 169294
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 14.2 10.6 16.0

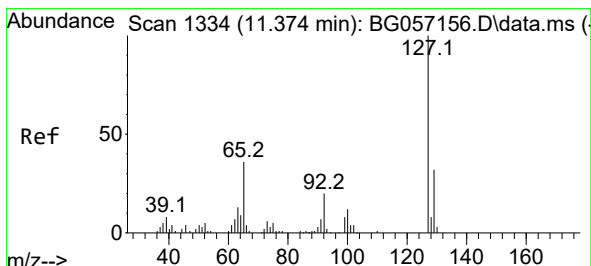
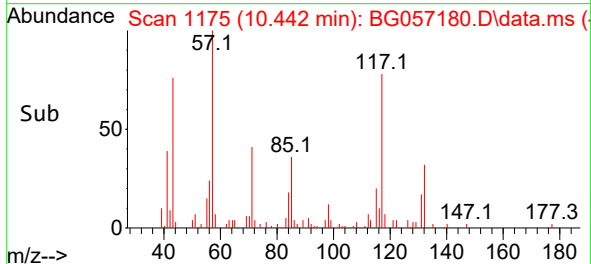
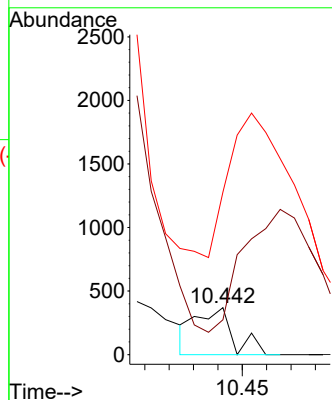
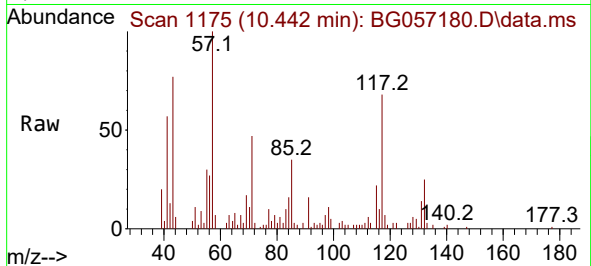




#32
Benzoic acid
Concen: 6.887 ng
RT: 10.442 min Scan# 1117
Delta R.T. -0.063 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

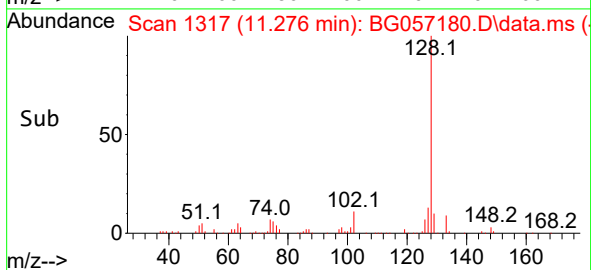
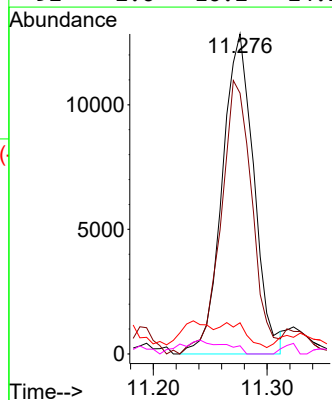
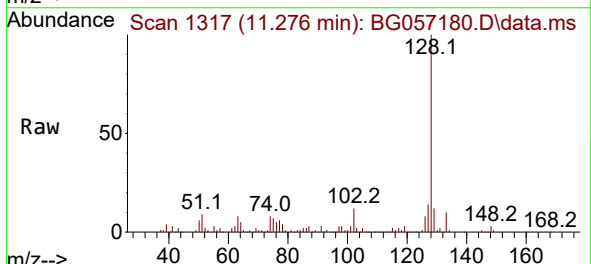
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

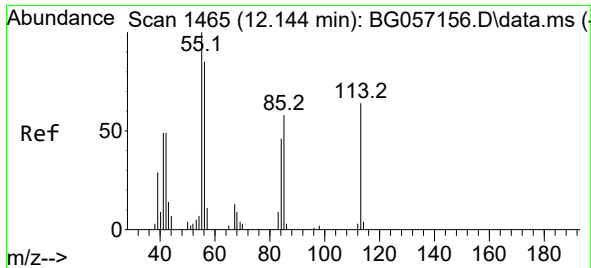
Tgt Ion:122 Resp: 395
Ion Ratio Lower Upper
122 100
105 74.1 104.3 144.3#
77 345.7 79.5 119.5#



#33
4-Chloroaniline
Concen: 15.784 ng
RT: 11.276 min Scan# 1317
Delta R.T. -0.098 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:127 Resp: 24716
Ion Ratio Lower Upper
127 100
129 81.5 25.9 38.9#
65 9.8 28.6 42.8#
92 2.6 16.2 24.2#

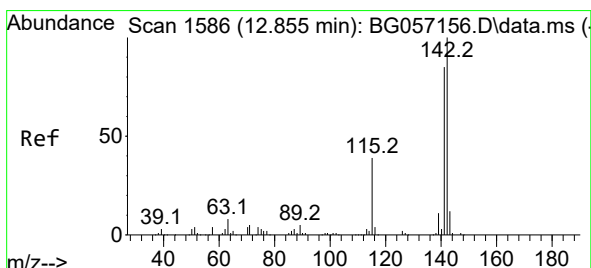
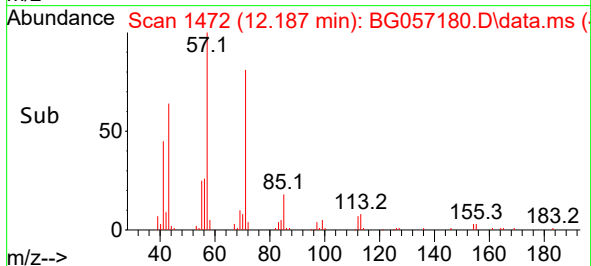
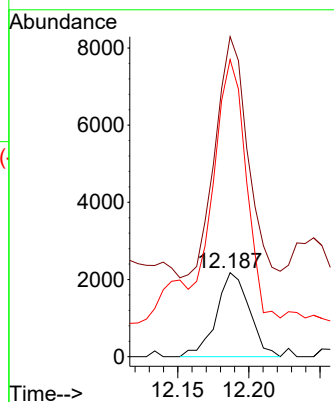
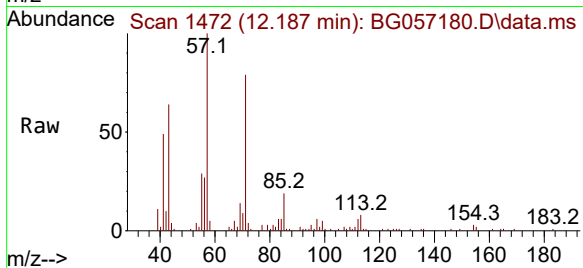




#35
 Caprolactam
 Concen: 11.617 ng
 RT: 12.187 min Scan# 1465
 Delta R.T. 0.043 min
 Lab File: BG057180.D
 Acq: 25 Apr 2023 17:22

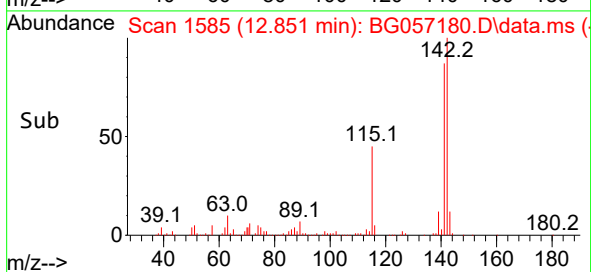
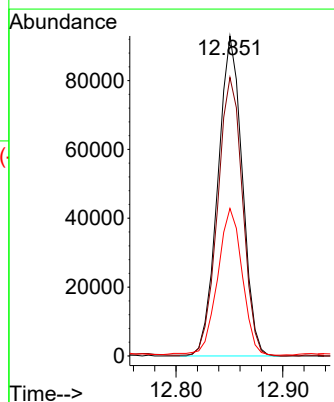
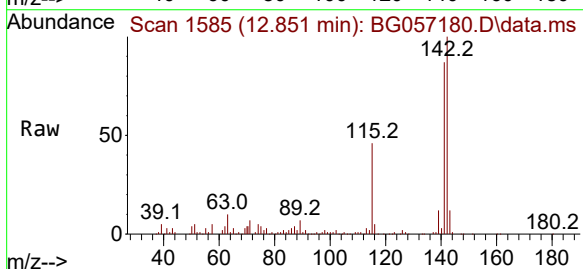
Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL

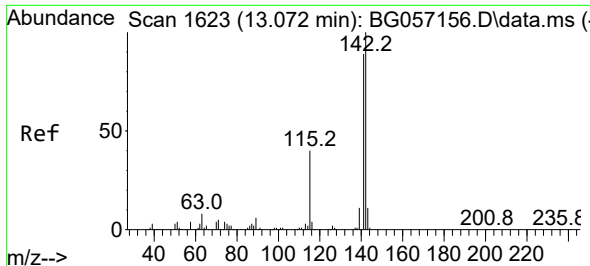
Tgt Ion:113 Resp: 3504
 Ion Ratio Lower Upper
 113 100
 55 380.8 135.8 175.8#
 56 353.5 111.8 151.8#



#37
 2-Methylnaphthalene
 Concen: 52.904 ng
 RT: 12.851 min Scan# 1585
 Delta R.T. -0.004 min
 Lab File: BG057180.D
 Acq: 25 Apr 2023 17:22

Tgt Ion:142 Resp: 148273
 Ion Ratio Lower Upper
 142 100
 141 87.1 68.1 102.1
 115 46.1 31.0 46.4

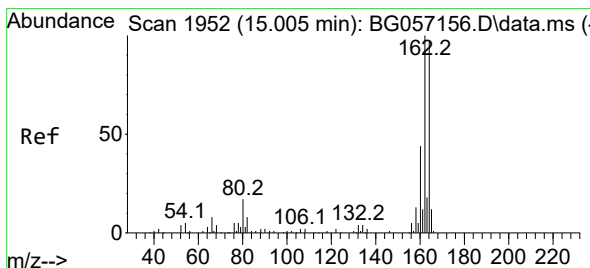
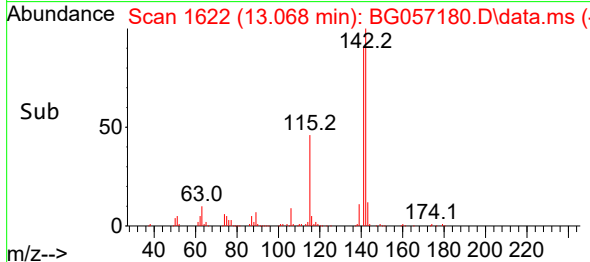
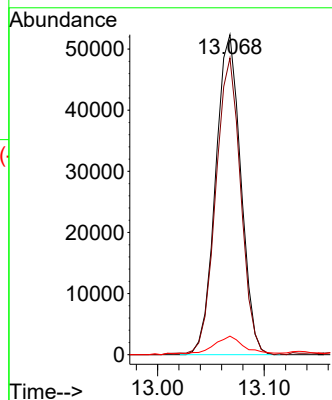
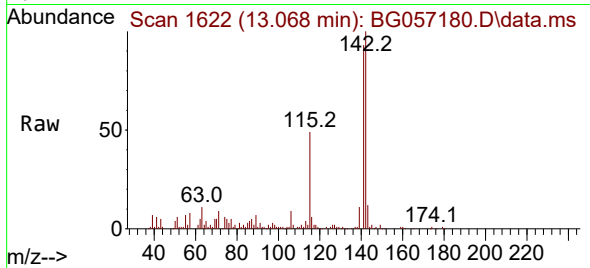




#38
1-Methylnaphthalene
Concen: 33.223 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

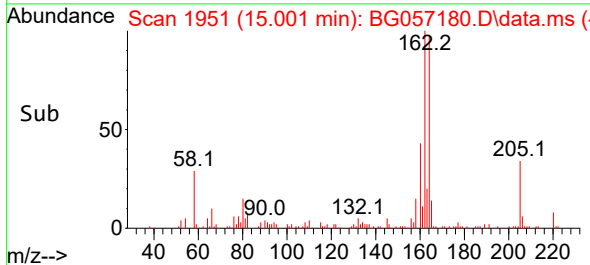
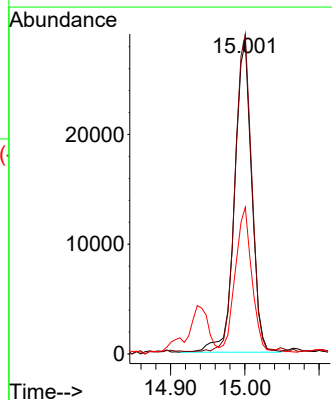
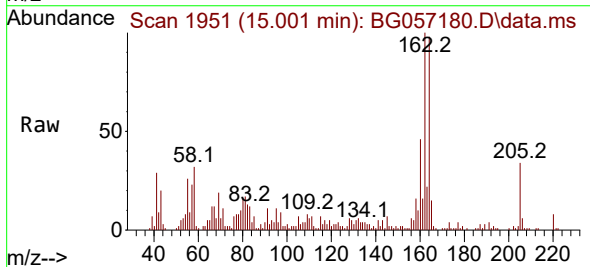
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

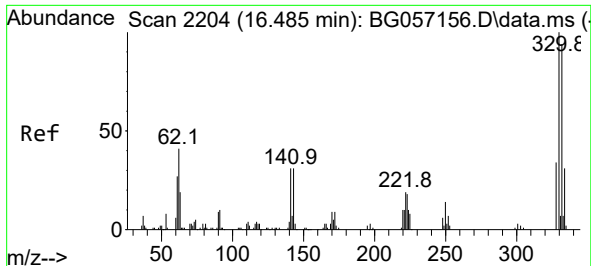
Tgt Ion:142 Resp: 85966
Ion Ratio Lower Upper
142 100
141 92.7 71.6 107.4
116 5.8 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.001 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

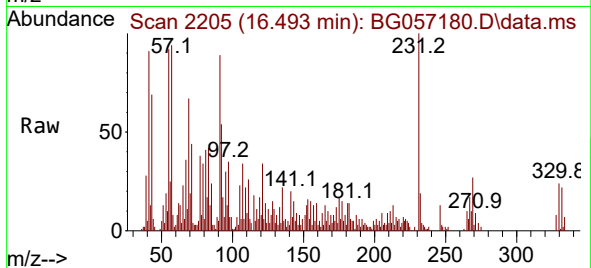
Tgt Ion:164 Resp: 45371
Ion Ratio Lower Upper
164 100
162 102.4 82.4 123.6
160 47.0 36.2 54.2



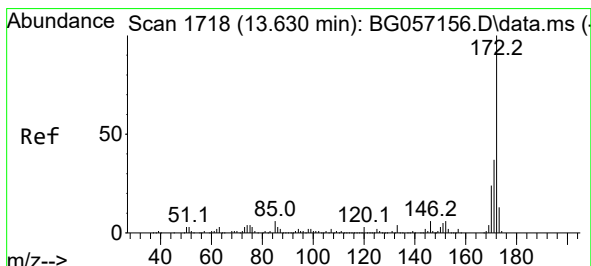
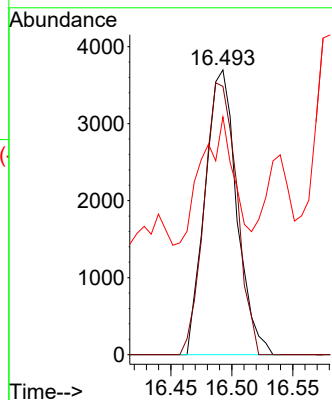
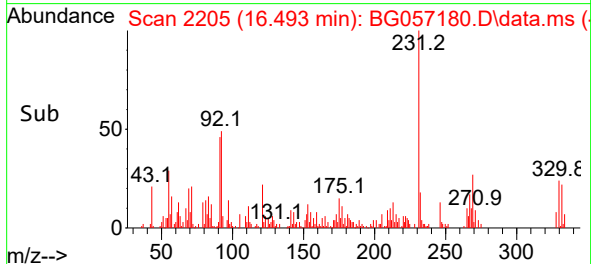


#42
2,4,6-Tribromophenol
Concen: 11.164 ng
RT: 16.493 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

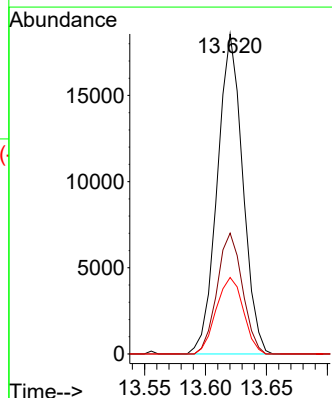
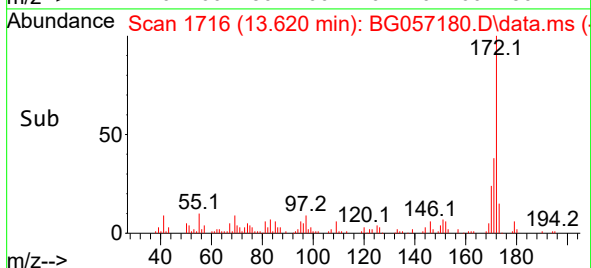
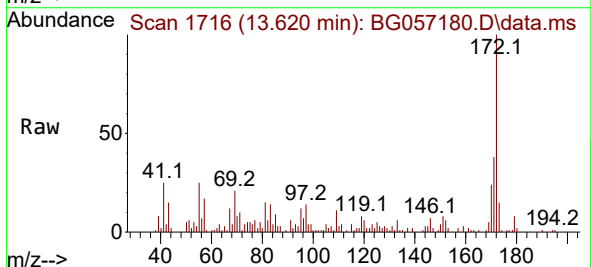


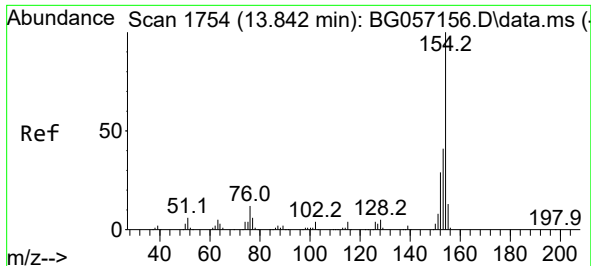
Tgt Ion:330 Resp: 6683
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 44.8 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 7.990 ng
RT: 13.620 min Scan# 1716
Delta R.T. -0.010 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:172 Resp: 26973
Ion Ratio Lower Upper
172 100
171 37.8 29.2 43.8
170 23.9 19.4 29.2





#46

1,1'-Biphenyl

Concen: 41.015 ng

RT: 13.832 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

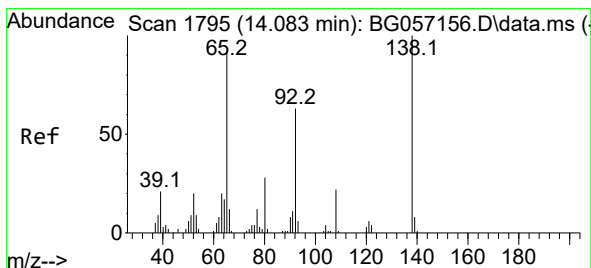
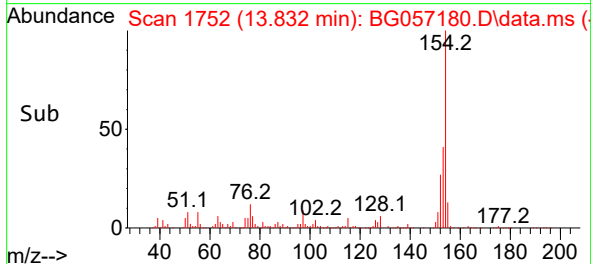
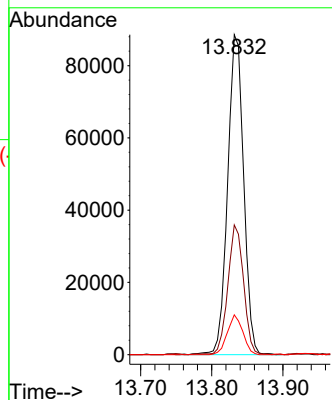
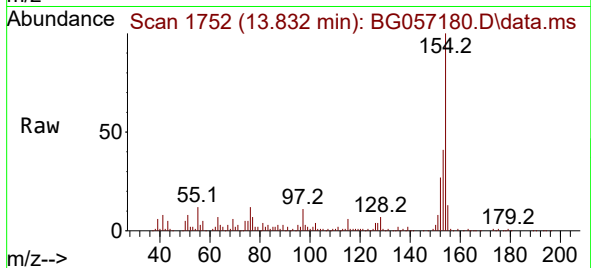
Tgt Ion:154 Resp: 138706

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

76 12.4 0.0 32.3



#48

2-Nitroaniline

Concen: 50.026 ng

RT: 14.049 min Scan# 1789

Delta R.T. -0.034 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

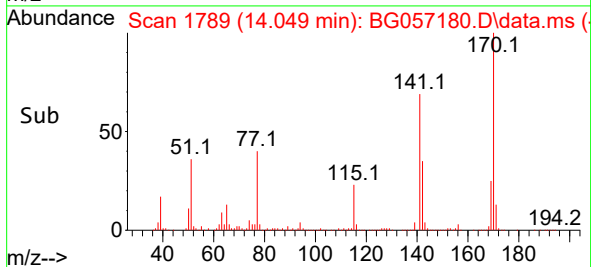
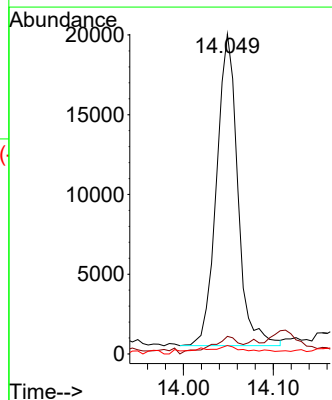
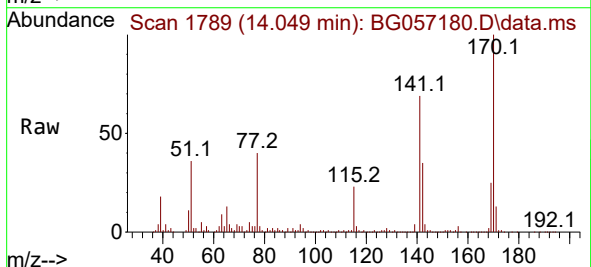
Tgt Ion: 65 Resp: 32045

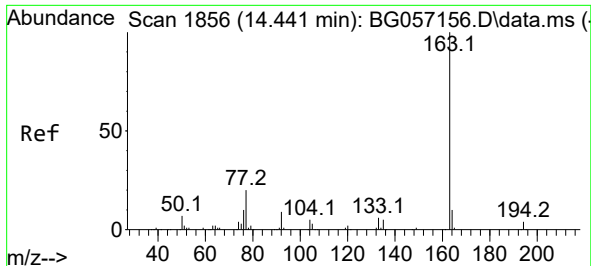
Ion Ratio Lower Upper

65 100

92 5.5 54.9 82.3#

138 2.7 86.6 129.8#

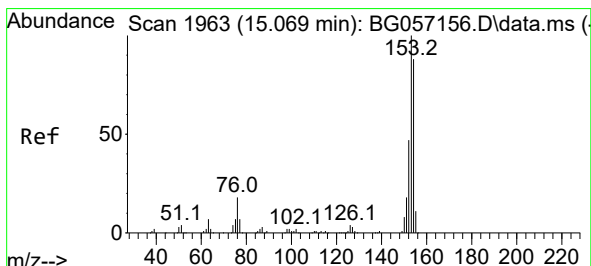
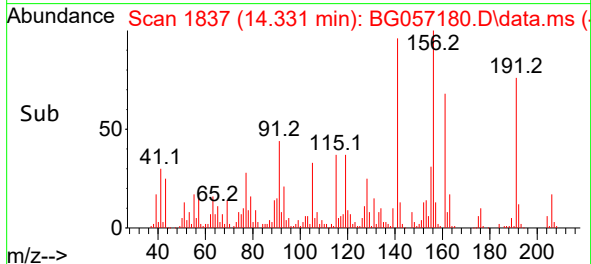
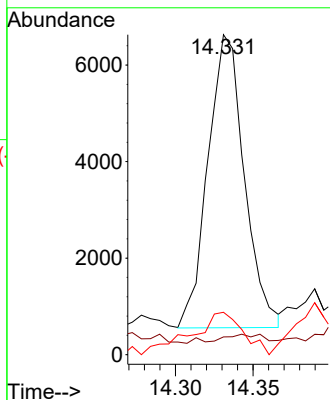
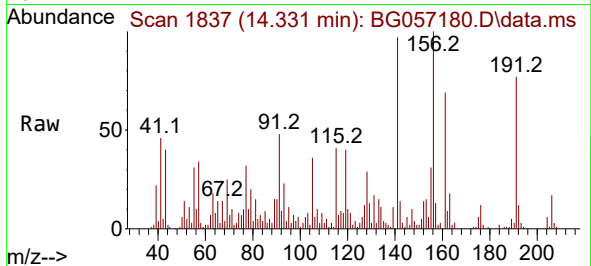




#50
Dimethylphthalate
Concen: 3.115 ng
RT: 14.331 min Scan# 1837
Delta R.T. -0.110 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

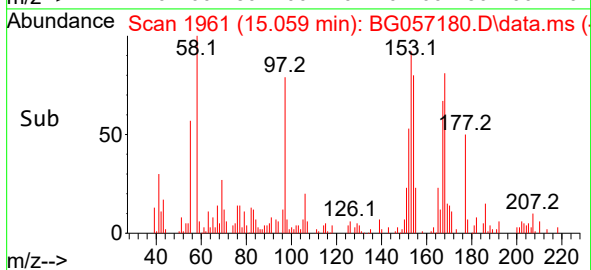
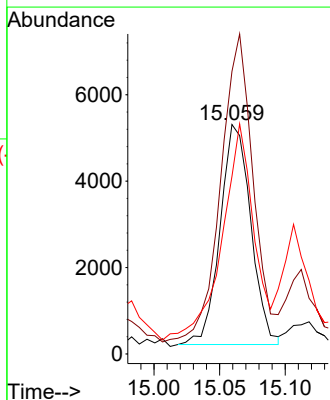
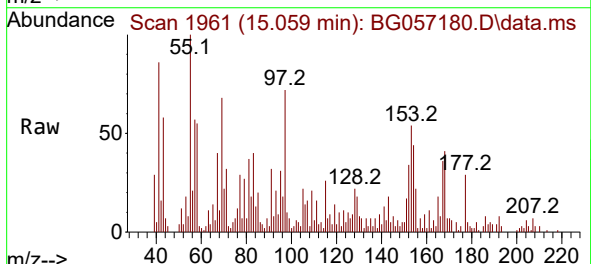
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

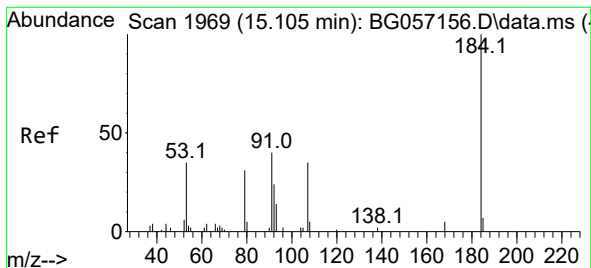
Tgt Ion:163 Resp: 9918
Ion Ratio Lower Upper
163 100
194 5.5 3.3 4.9#
164 13.2 8.2 12.4#



#52
Acenaphthene
Concen: 3.135 ng
RT: 15.059 min Scan# 1961
Delta R.T. -0.010 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:154 Resp: 8300
Ion Ratio Lower Upper
154 100
153 123.2 91.0 136.4
152 77.4 43.0 64.6#





#54

2,4-Dinitrophenol

Concen: 7.733 ng

RT: 14.918 min Scan# 1969

Delta R.T. -0.187 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

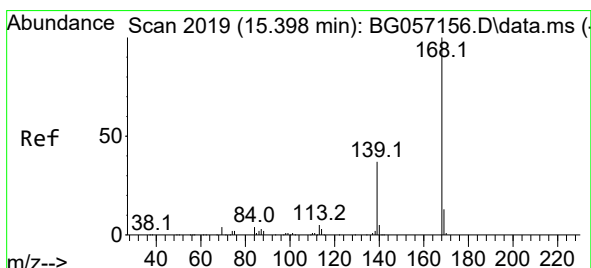
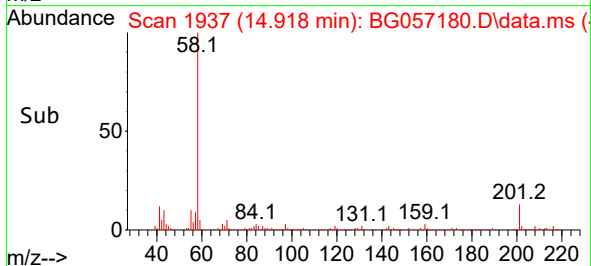
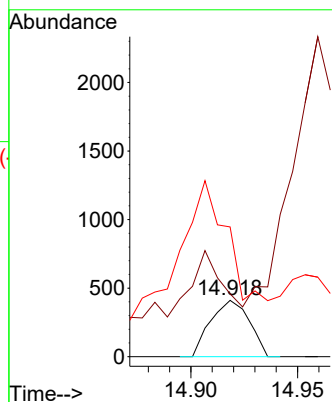
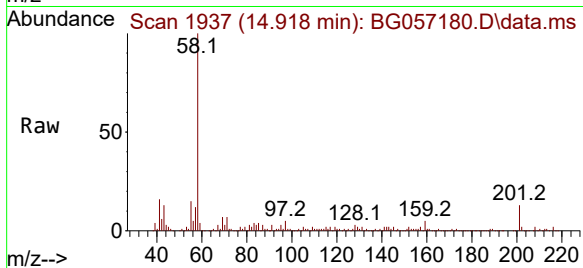
Tgt Ion:184 Resp: 521

Ion Ratio Lower Upper

184 100

63 111.7 43.4 65.0#

154 230.2 45.2 67.8#



#55

Dibenzofuran

Concen: 2.400 ng

RT: 15.388 min Scan# 2017

Delta R.T. -0.010 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

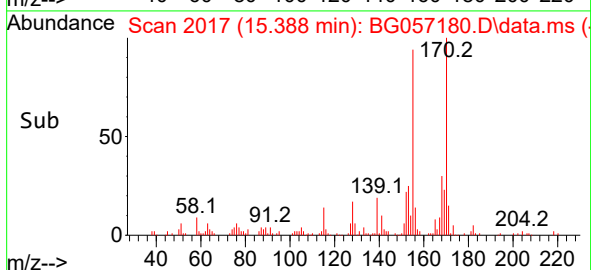
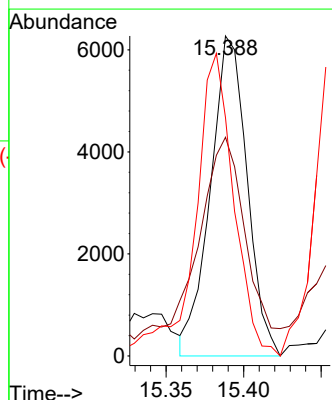
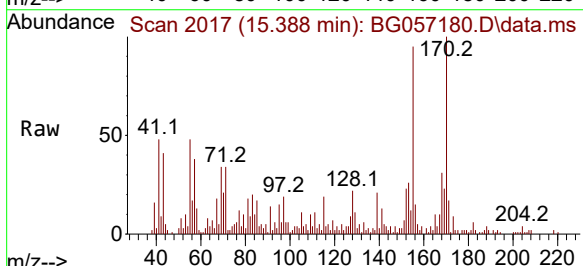
Tgt Ion:168 Resp: 10293

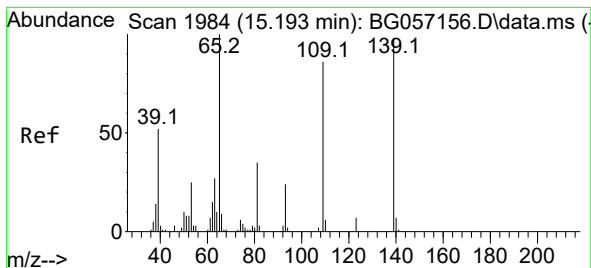
Ion Ratio Lower Upper

168 100

139 68.4 29.2 43.8#

169 74.5 10.6 15.8#

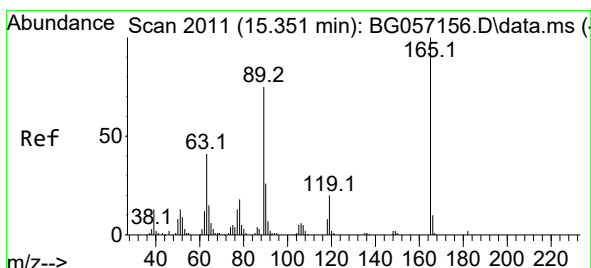
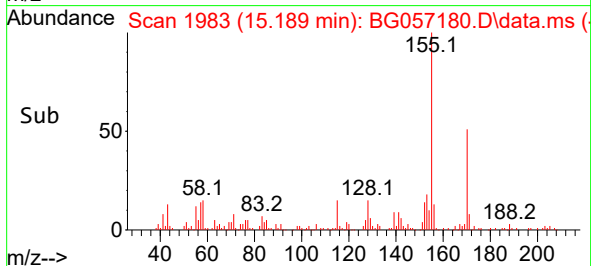
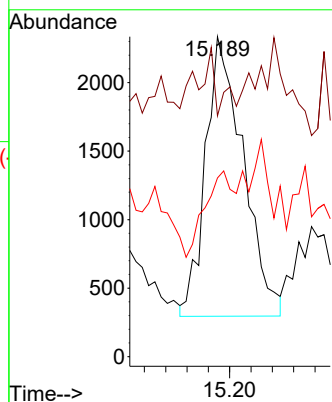
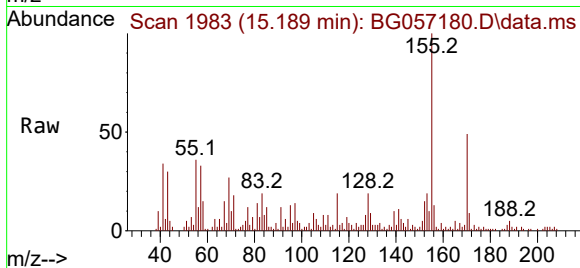




#56
4-Nitrophenol
Concen: 10.789 ng
RT: 15.189 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

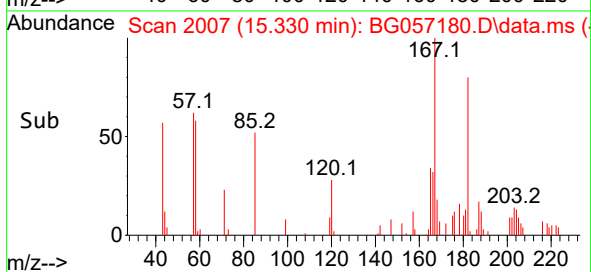
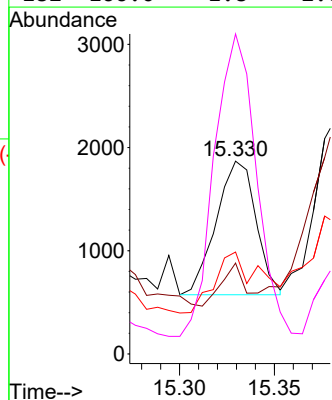
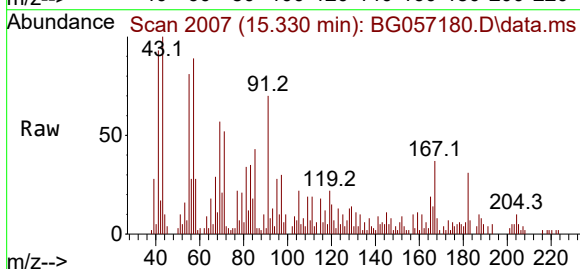
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

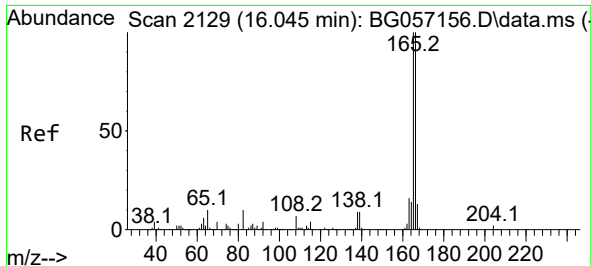
Tgt Ion:139 Resp: 5012
Ion Ratio Lower Upper
139 100
109 75.2 67.3 107.3
65 55.8 82.0 122.0#



#57
2,4-Dinitrotoluene
Concen: 2.091 ng
RT: 15.330 min Scan# 2007
Delta R.T. -0.021 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:165 Resp: 1893
Ion Ratio Lower Upper
165 100
63 47.2 33.0 49.4
89 52.8 60.0 90.0#
182 166.0 1.8 2.6#

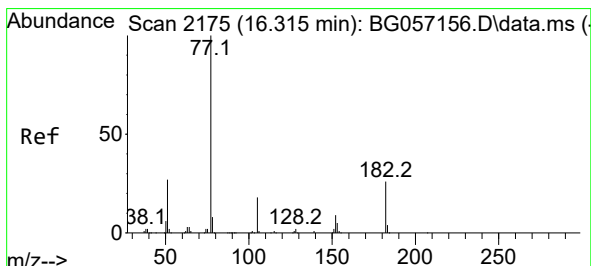
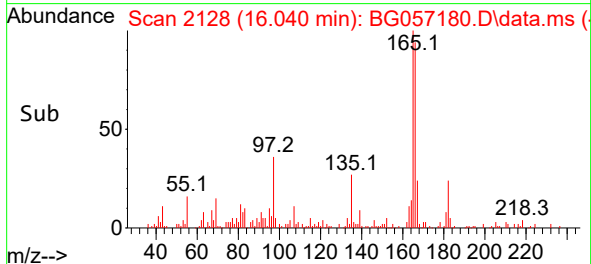
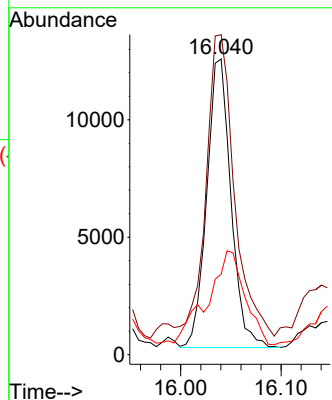
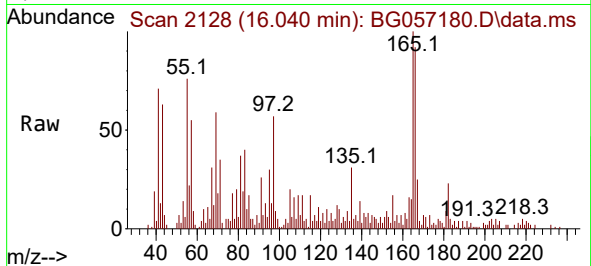




#58
Fluorene
Concen: 5.972 ng
RT: 16.040 min Scan# 2129
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

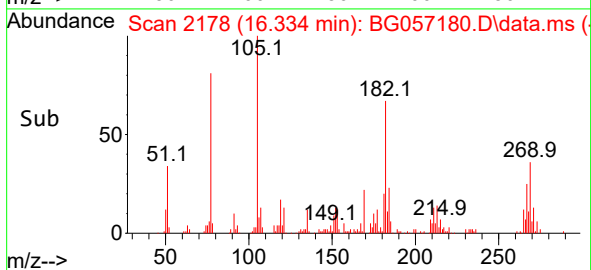
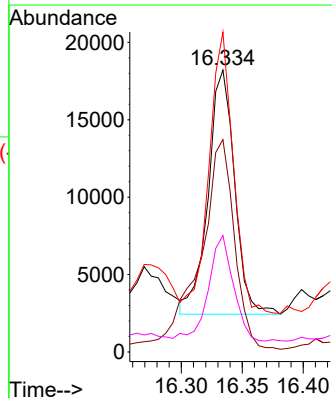
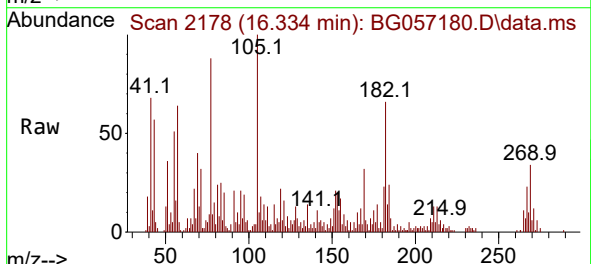
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

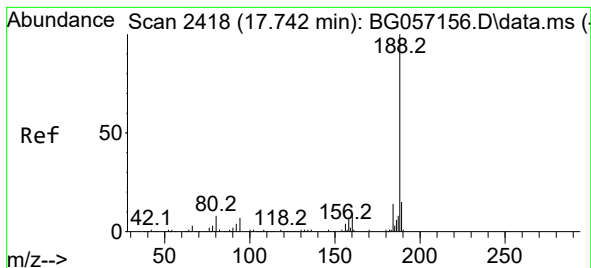
Tgt Ion:166 Resp: 20623
Ion Ratio Lower Upper
166 100
165 108.2 79.8 119.6
167 27.3 10.7 16.1#



#63
Azobenzene
Concen: 7.283 ng
RT: 16.334 min Scan# 2178
Delta R.T. 0.019 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion: 77 Resp: 23779
Ion Ratio Lower Upper
77 100
182 75.3 6.1 46.1#
105 113.5 0.0 38.4#
51 41.3 6.9 46.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.744 min Scan# 2418

Delta R.T. 0.002 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

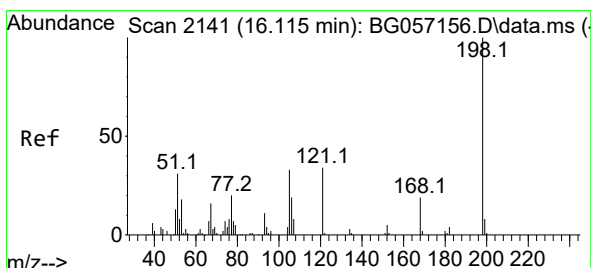
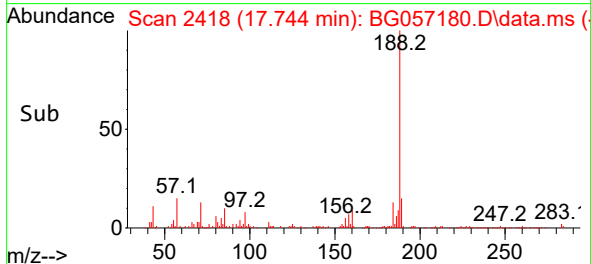
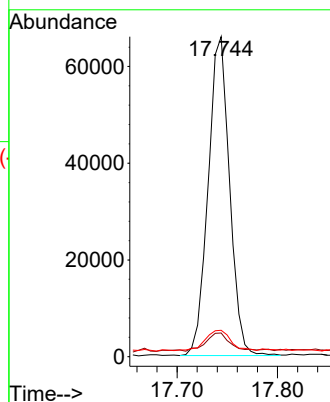
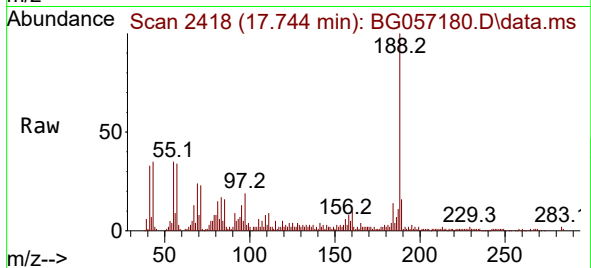
Tgt Ion:188 Resp: 97952

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.0

80 8.3 6.2 9.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.065 ng

RT: 16.140 min Scan# 2145

Delta R.T. 0.025 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

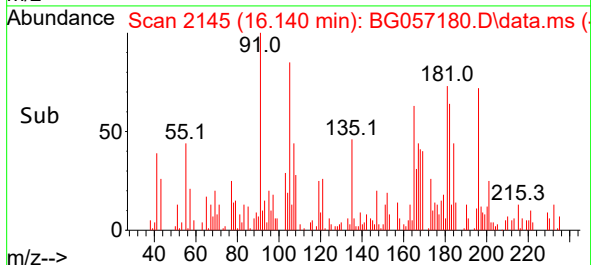
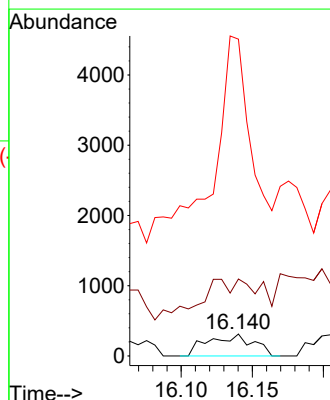
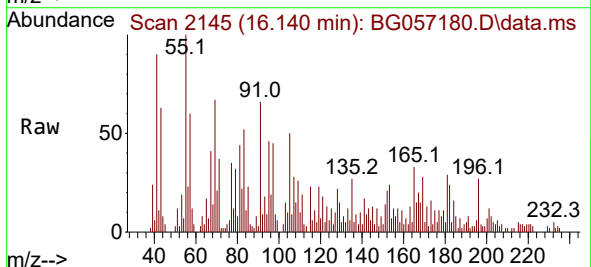
Tgt Ion:198 Resp: 672

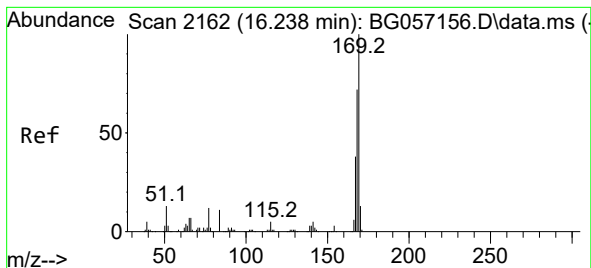
Ion Ratio Lower Upper

198 100

51 351.3 13.1 53.1#

105 1445.2 14.1 54.1#

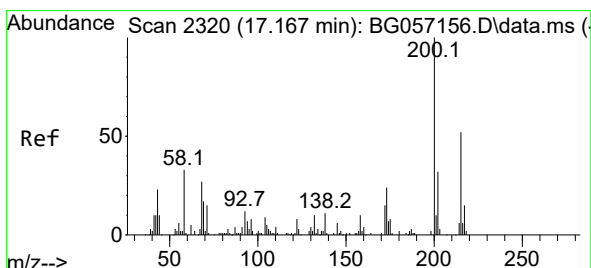
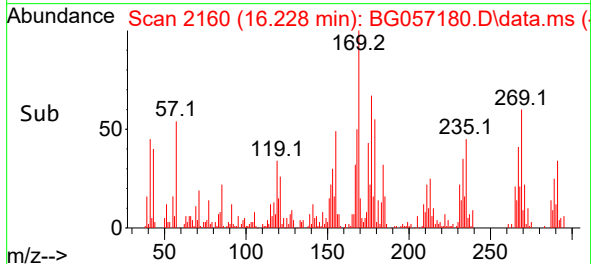
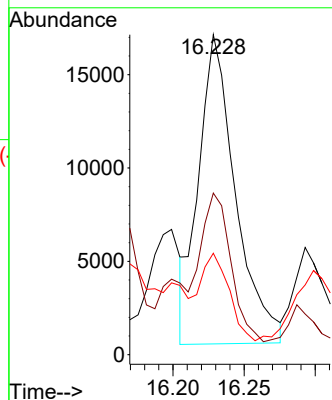
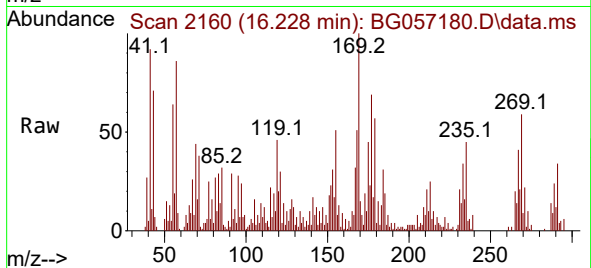




#66
n-Nitrosodiphenylamine
Concen: 11.685 ng
RT: 16.228 min Scan# 2160
Delta R.T. -0.010 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

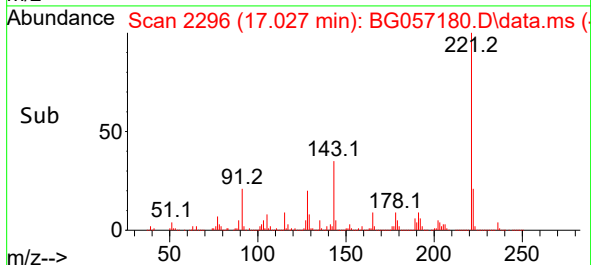
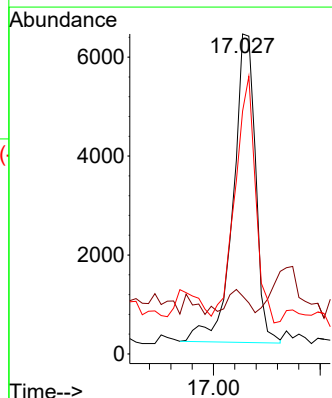
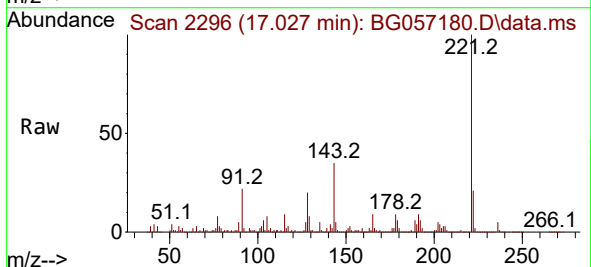
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

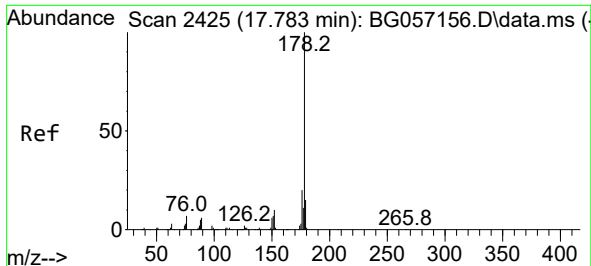
Tgt Ion:169 Resp: 29865
Ion Ratio Lower Upper
169 100
168 50.5 57.8 86.6#
167 31.7 30.5 45.7



#69
Atrazine
Concen: 11.161 ng
RT: 17.027 min Scan# 2296
Delta R.T. -0.139 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:200 Resp: 9111
Ion Ratio Lower Upper
200 100
173 18.1 4.2 44.2
215 75.9 31.8 71.8#

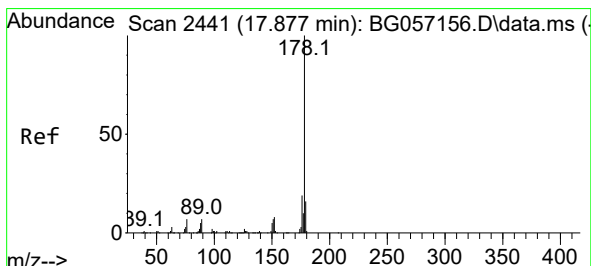
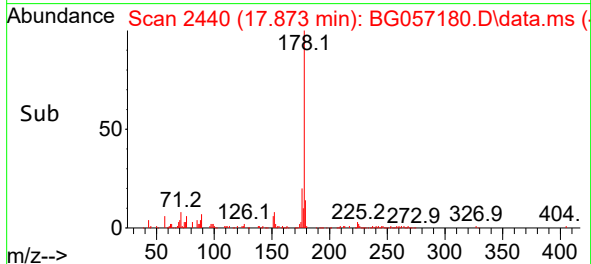
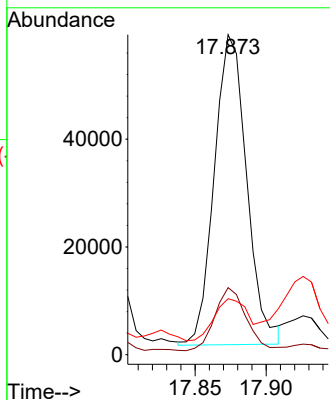
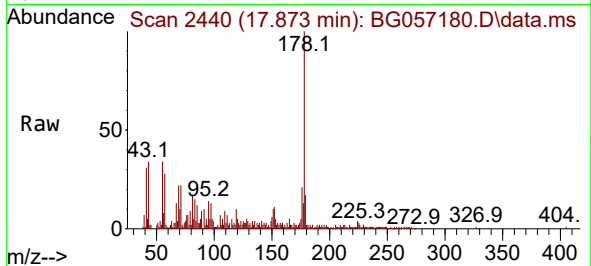




#71
Phenanthrene
Concen: 18.249 ng
RT: 17.873 min Scan# 2440
Delta R.T. 0.090 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

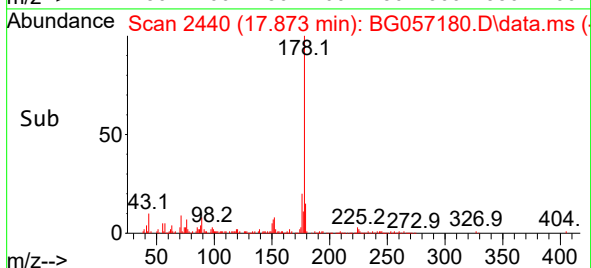
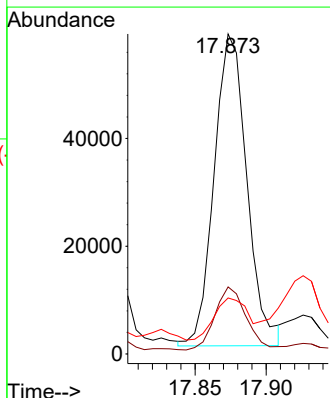
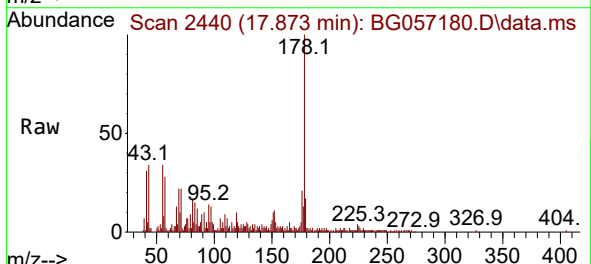
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

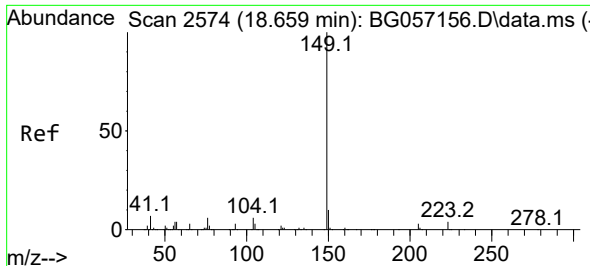
Tgt Ion:178 Resp: 91257
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 17.5 12.4 18.6



#72
Anthracene
Concen: 18.324 ng
RT: 17.873 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:178 Resp: 92647
Ion Ratio Lower Upper
178 100
176 20.9 14.9 22.3
179 17.5 12.5 18.7

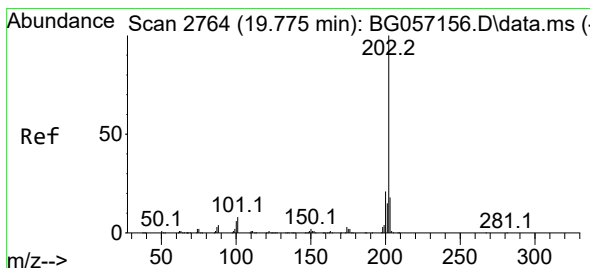
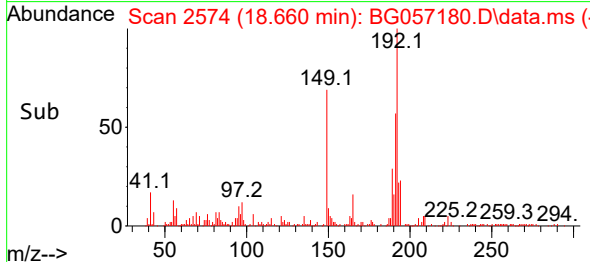
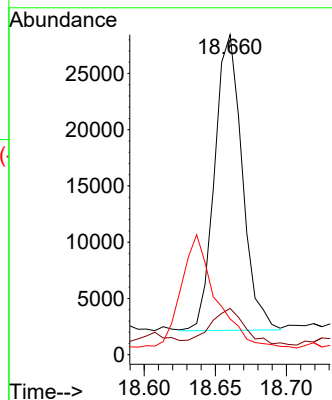
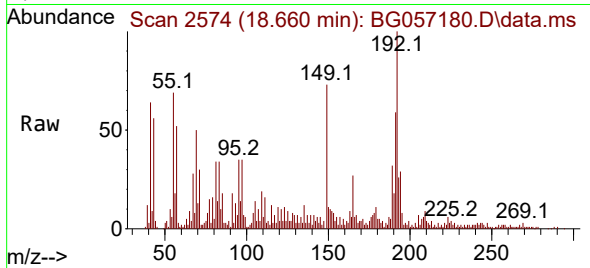




#74
Di-n-butylphthalate
Concen: 8.949 ng
RT: 18.660 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

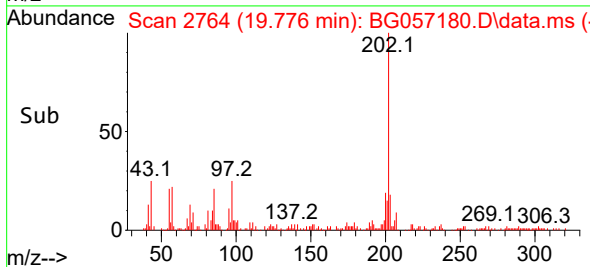
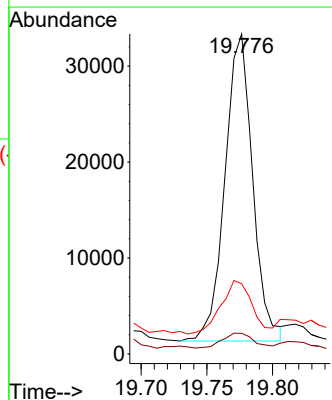
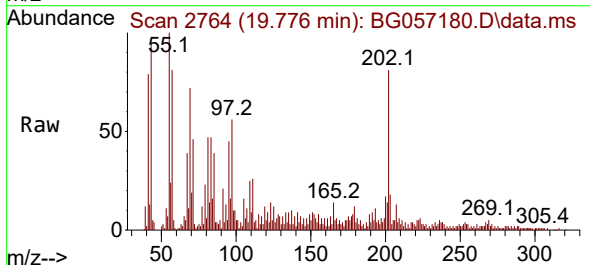
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

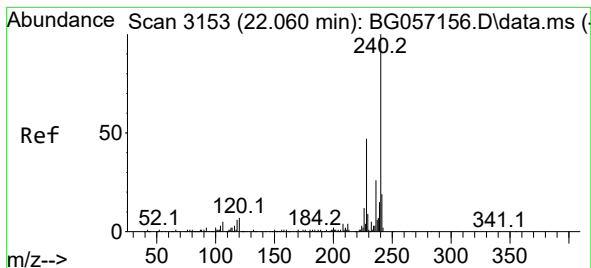
Tgt Ion:149 Resp: 35529
Ion Ratio Lower Upper
149 100
150 14.4 7.6 11.4#
104 11.2 4.7 7.1#



#75
Fluoranthene
Concen: 7.561 ng
RT: 19.776 min Scan# 2764
Delta R.T. 0.001 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:202 Resp: 46973
Ion Ratio Lower Upper
202 100
101 6.4 0.0 27.6
203 21.9 0.0 38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.067 min Scan# 3153

Delta R.T. 0.007 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

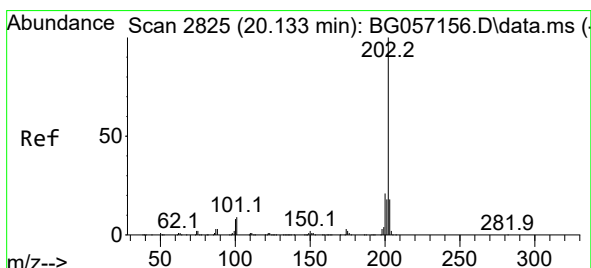
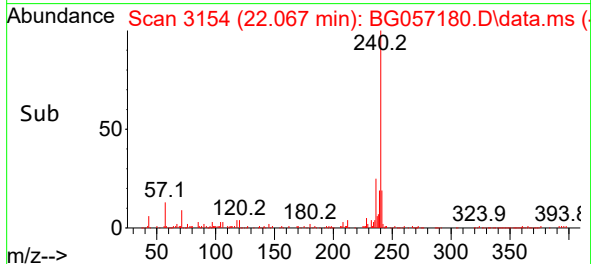
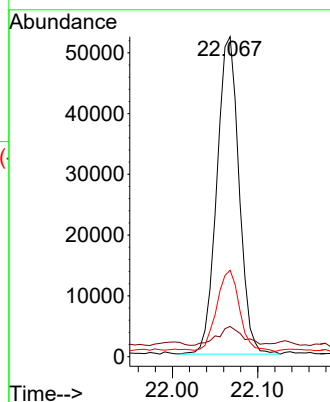
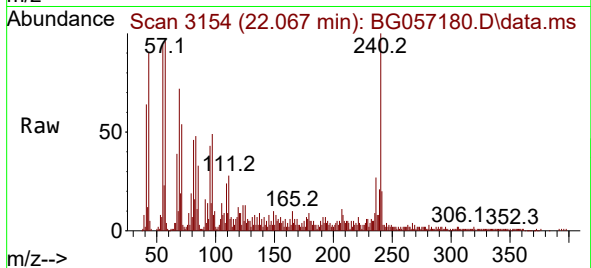
Tgt Ion:240 Resp: 94581

Ion Ratio Lower Upper

240 100

120 9.5 5.5 8.3#

236 27.0 20.8 31.2



#78

Pyrene

Concen: 7.315 ng

RT: 19.776 min Scan# 2764

Delta R.T. -0.357 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

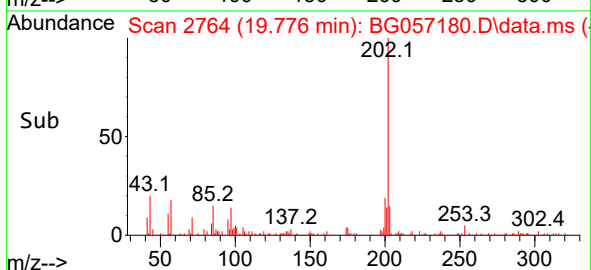
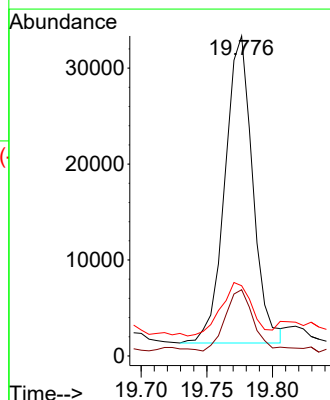
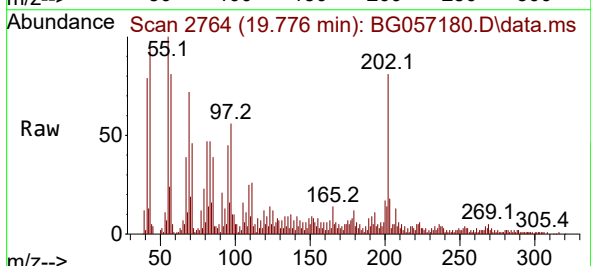
Tgt Ion:202 Resp: 46973

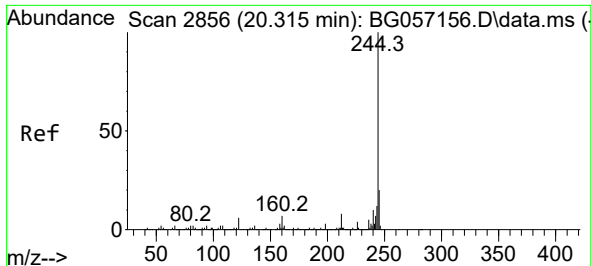
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 21.9 14.7 22.1

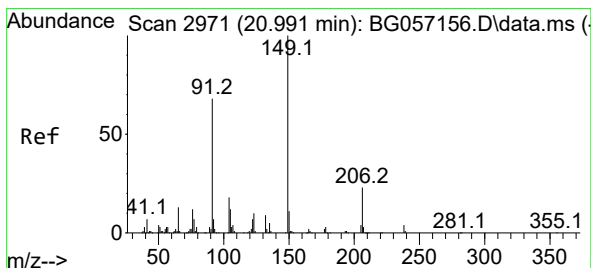
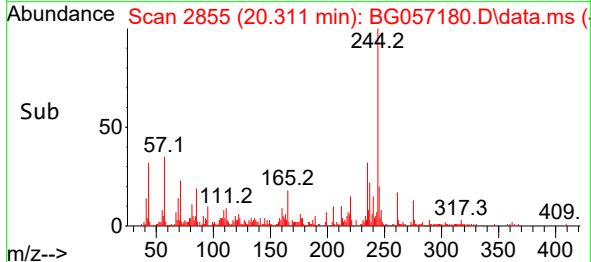
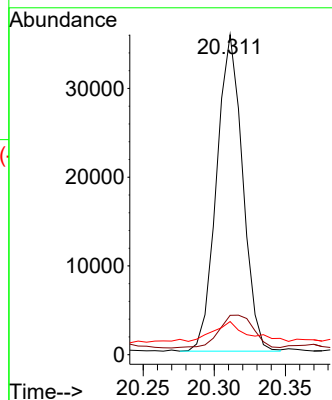
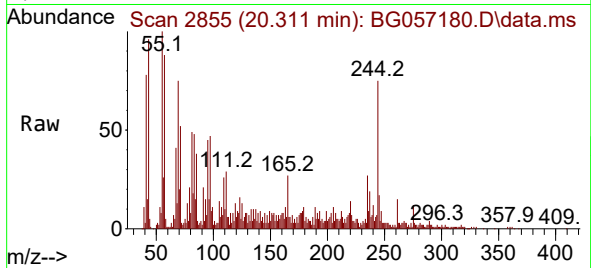




#79
 Terphenyl-d14
 Concen: 8.385 ng
 RT: 20.311 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057180.D
 Acq: 25 Apr 2023 17:22

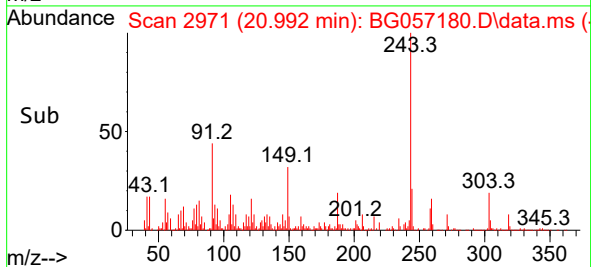
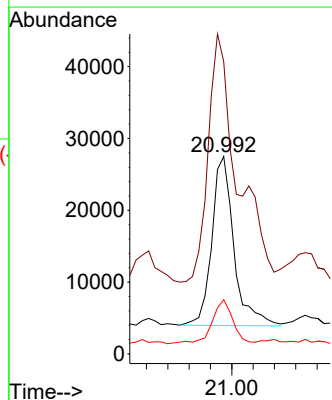
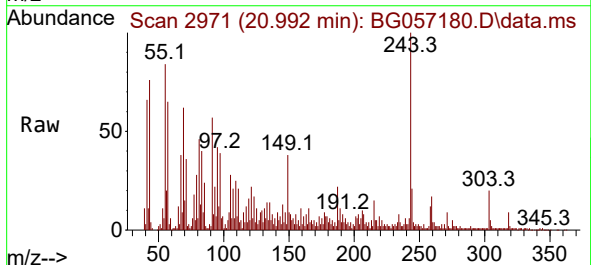
Instrument :
 BNA_G
 ClientSampleId :
 SPA-5WC-23-04DL

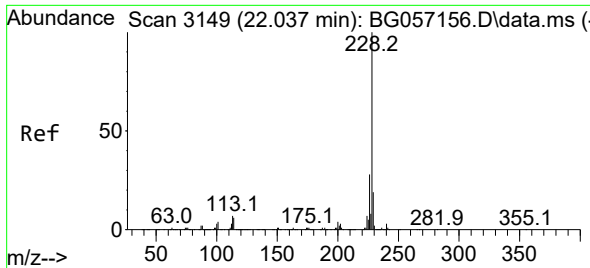
Tgt Ion:244 Resp: 45340
 Ion Ratio Lower Upper
 244 100
 212 12.3 6.0 9.0#
 122 10.3 5.0 7.4#



#80
 Butylbenzylphthalate
 Concen: 22.137 ng
 RT: 20.992 min Scan# 2971
 Delta R.T. 0.001 min
 Lab File: BG057180.D
 Acq: 25 Apr 2023 17:22

Tgt Ion:149 Resp: 33922
 Ion Ratio Lower Upper
 149 100
 91 148.0 54.1 81.1#
 206 27.5 18.2 27.2#

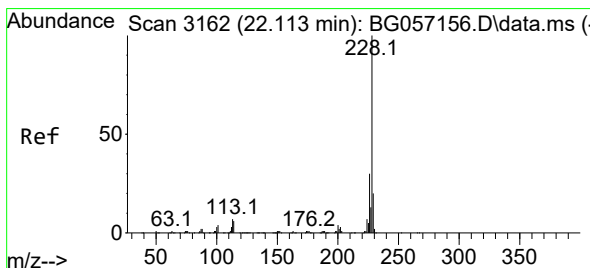
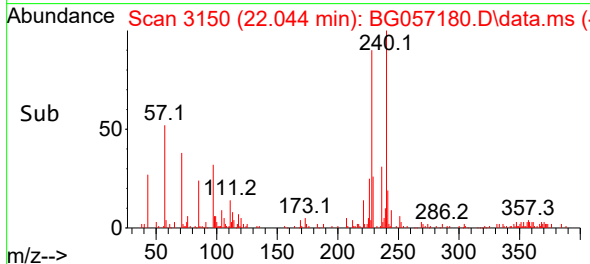
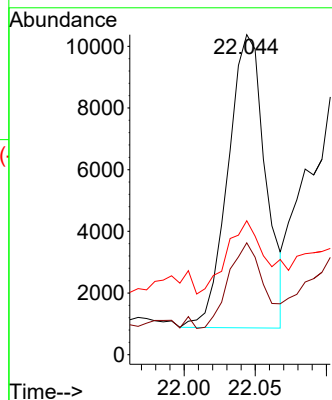
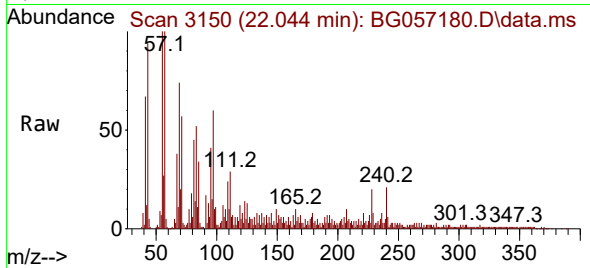




#81
Benzo(a)anthracene
Concen: 2.696 ng
RT: 22.044 min Scan# 3149
Delta R.T. 0.007 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

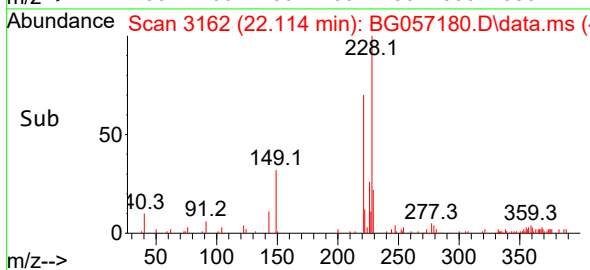
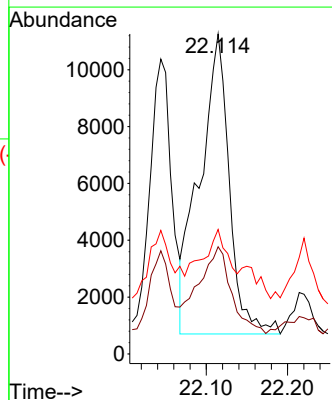
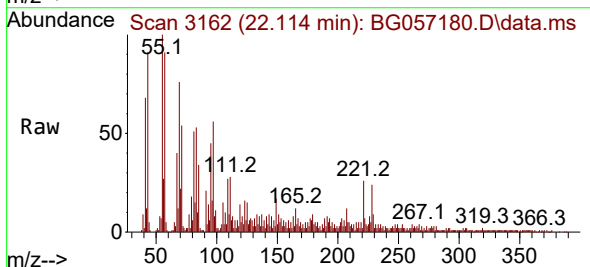
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

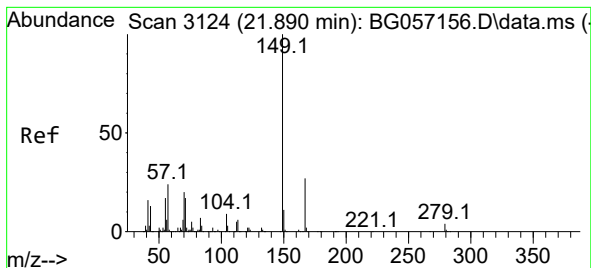
Tgt Ion:228 Resp: 17535
Ion Ratio Lower Upper
228 100
226 35.0 22.2 33.4#
229 41.9 15.6 23.4#



#83
Chrysene
Concen: 4.282 ng
RT: 22.114 min Scan# 3162
Delta R.T. 0.002 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:228 Resp: 26856
Ion Ratio Lower Upper
228 100
226 33.5 24.0 36.0
229 38.9 15.8 23.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 785.865 ng

RT: 21.915 min Scan# 3124

Delta R.T. 0.025 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL

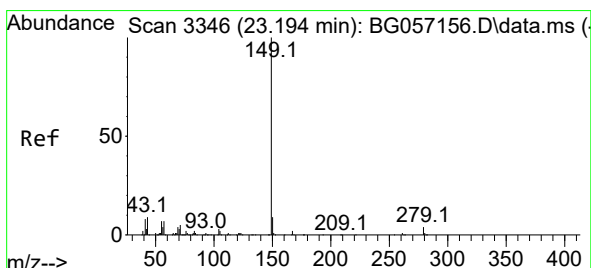
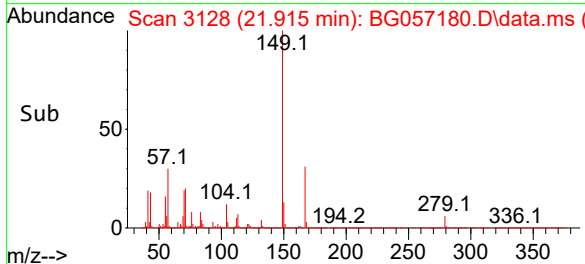
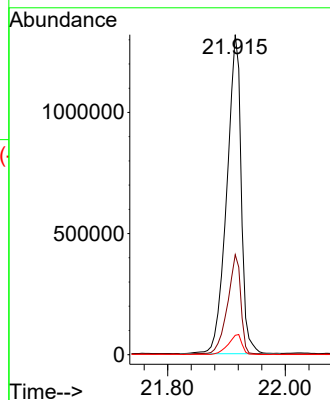
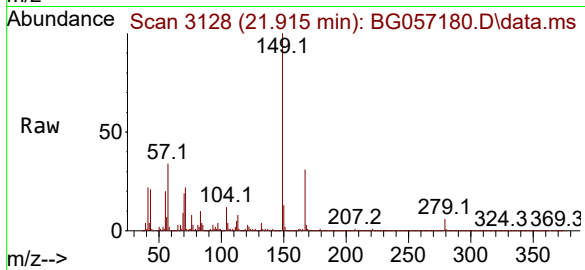
Tgt Ion:149 Resp: 2237900

Ion Ratio Lower Upper

149 100

167 31.3 21.9 32.9

279 6.0 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 31.388 ng

RT: 23.207 min Scan# 3348

Delta R.T. 0.013 min

Lab File: BG057180.D

Acq: 25 Apr 2023 17:22

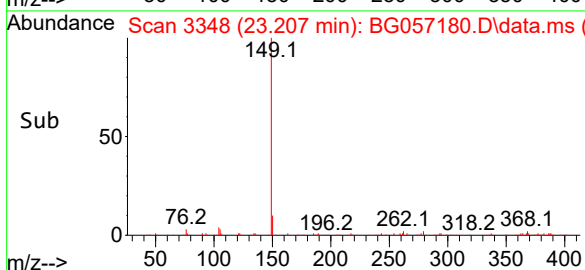
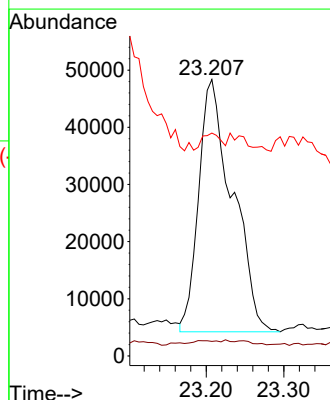
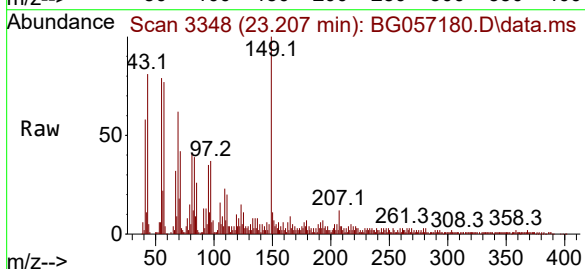
Tgt Ion:149 Resp: 133146

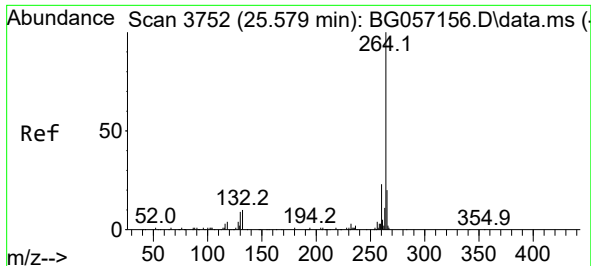
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 3.6 7.4 11.0#

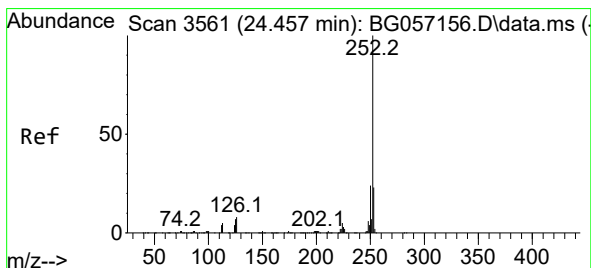
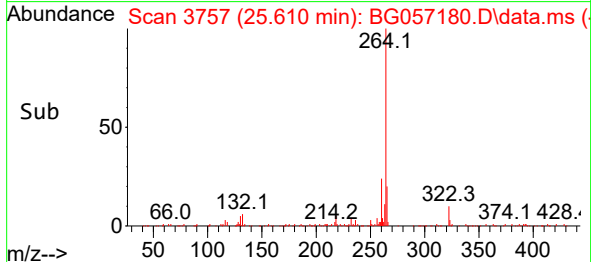
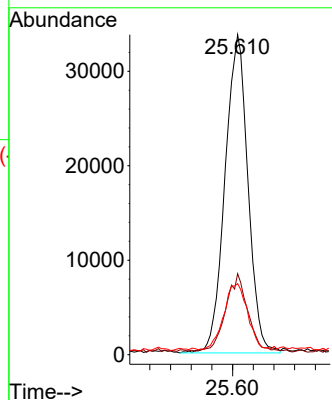
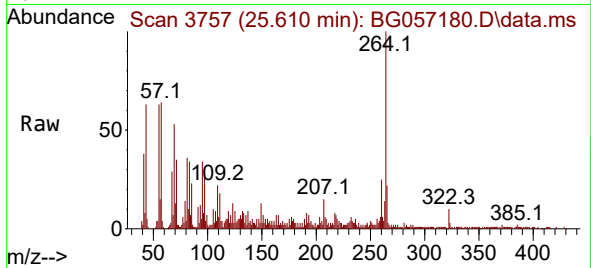




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.610 min Scan# 31
Delta R.T. 0.031 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

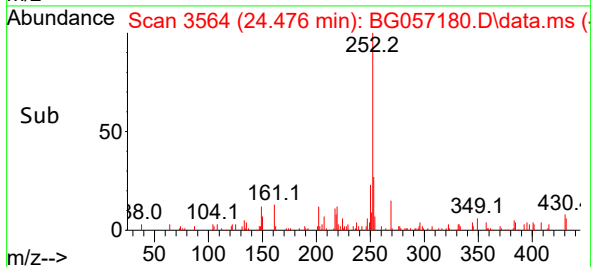
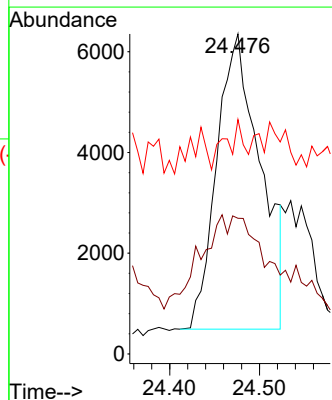
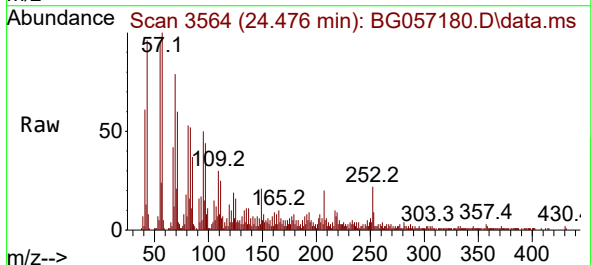
Instrument :
BNA_G
ClientSampleId :
SPA-5WC-23-04DL

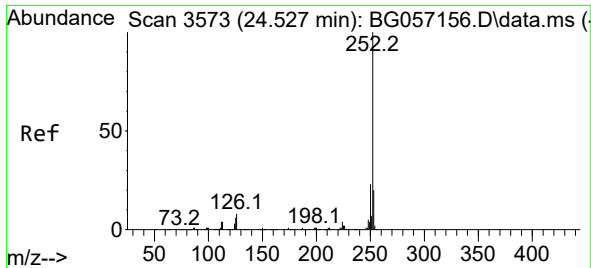
Tgt Ion:264 Resp: 103686
Ion Ratio Lower Upper
264 100
260 25.3 18.8 28.2
265 22.2 16.4 24.6



#88
Benzo(b)fluoranthene
Concen: 3.041 ng
RT: 24.476 min Scan# 3564
Delta R.T. 0.019 min
Lab File: BG057180.D
Acq: 25 Apr 2023 17:22

Tgt Ion:252 Resp: 19764
Ion Ratio Lower Upper
252 100
253 42.4 18.2 27.2#
125 73.3 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 2.940 ng

RT: 24.476 min Scan# 3

Delta R.T. -0.051 min

Lab File: BG057180.D

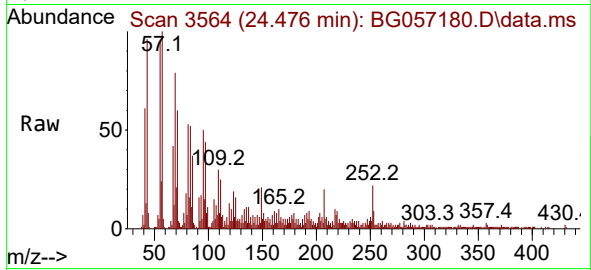
Acq: 25 Apr 2023 17:22

Instrument :

BNA_G

ClientSampleId :

SPA-5WC-23-04DL



Tgt Ion:252 Resp: 19764

Ion Ratio Lower Upper

252 100

253 42.4 16.7 25.1#

125 73.3 5.0 7.6#

