

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057185.D
 Acq On : 25 Apr 2023 20:43
 Operator : CG/JU
 Sample : 02470-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Quant Time: Apr 26 00:25:22 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)

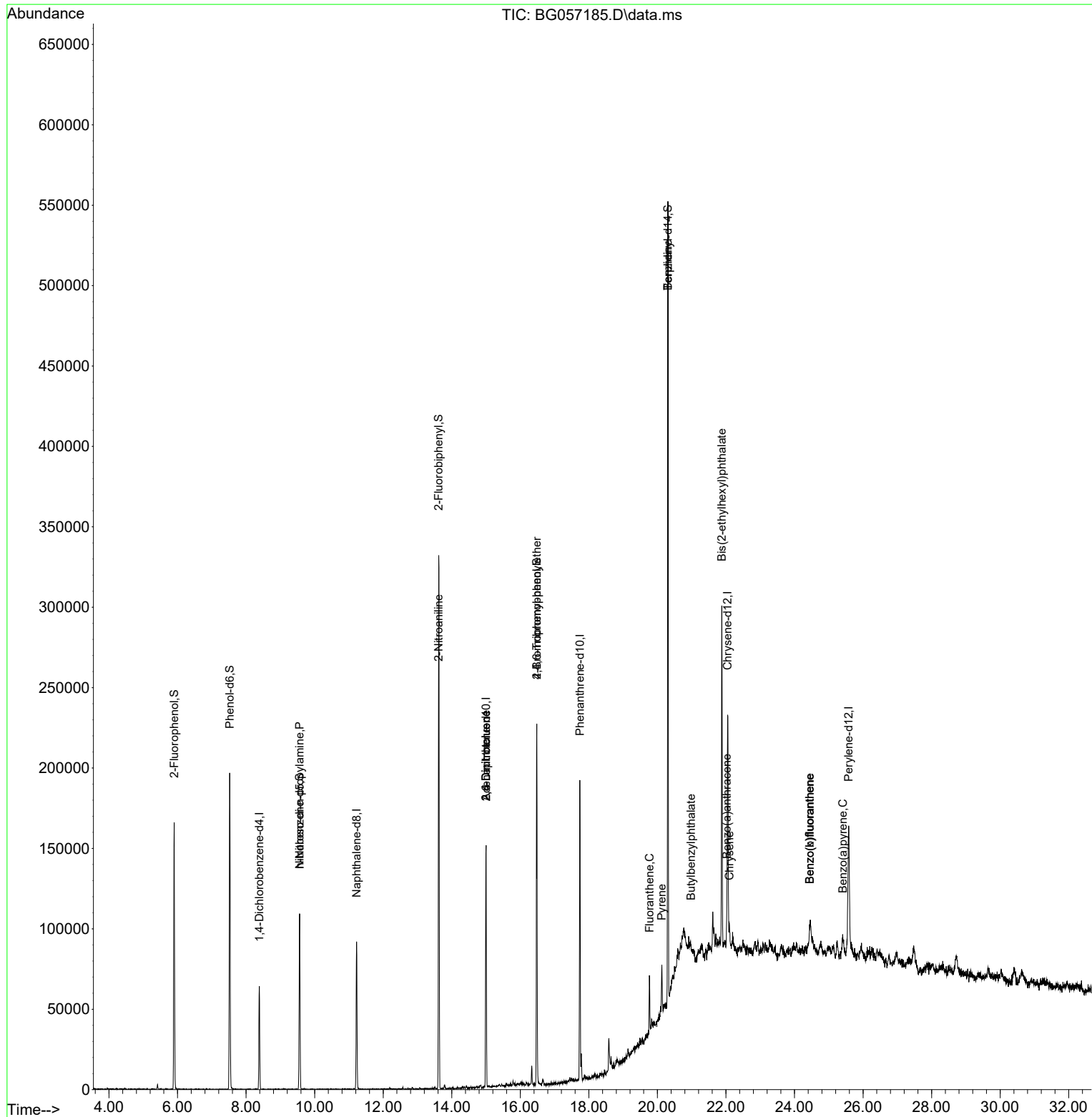
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	17690	20.000	ng	0.00
21) Naphthalene-d8	11.222	136	73571	20.000	ng	0.00
39) Acenaphthene-d10	15.000	164	53326	20.000	ng	0.00
64) Phenanthrene-d10	17.737	188	117478	20.000	ng	# 0.00
76) Chrysene-d12	22.049	240	92069	20.000	ng	#-0.01
86) Perylene-d12	25.579	264	100498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	69165	70.853	ng	0.00
7) Phenol-d6	7.522	99	108211	76.615	ng	0.00
23) Nitrobenzene-d5	9.560	82	66255	44.520	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	43534	61.874	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	174216	43.906	ng	-0.01
79) Terphenyl-d14	20.304	244	249791	47.455	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.560	70	9768	11.119	ng	# 82
48) 2-Nitroaniline	13.613	65	246	4.923	ng	# 1
51) 2,6-Dinitrotoluene	15.000	165	6965	8.916	ng	# 21
57) 2,4-Dinitrotoluene	15.000	165	6965	6.547	ng	# 21
67) 4-Bromophenyl-phenylether	16.480	248	3133	2.218	ng	# 1
75) Fluoranthene	19.770	202	22546	3.026	ng	94
77) Benzidine	20.304	184	4796	3.457	ng	# 90
78) Pyrene	20.128	202	20907	3.345	ng	97
80) Butylbenzylphthalate	20.980	149	621	3.570	ng	# 1
81) Benzo(a)anthracene	22.025	228	14148	2.235	ng	# 92
83) Chrysene	22.102	228	13185	2.160	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.879	149	83267	33.438	ng	98
88) Benzo(b)fluoranthene	24.446	252	19631	3.116	ng	# 79
89) Benzo(k)fluoranthene	24.446	252	19631	3.013	ng	# 75
90) Benzo(a)pyrene	25.409	252	12919	2.082	ng	# 81

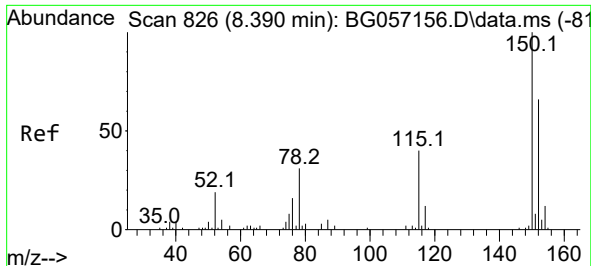
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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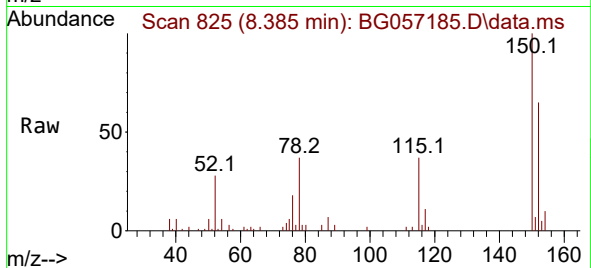
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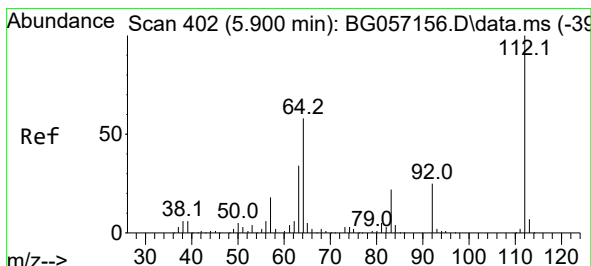
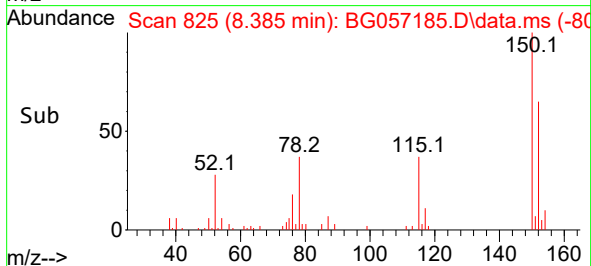
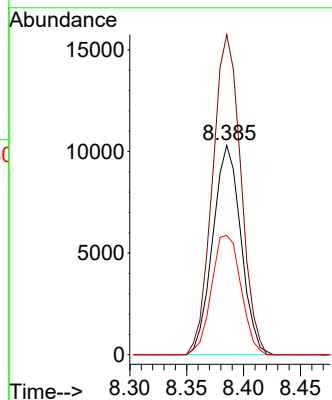


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.385 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

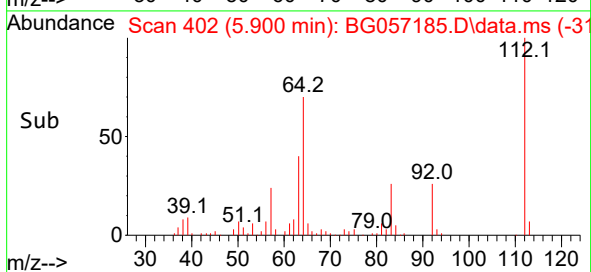
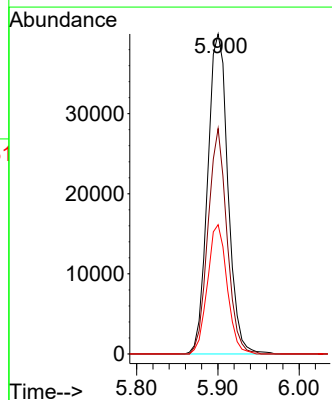
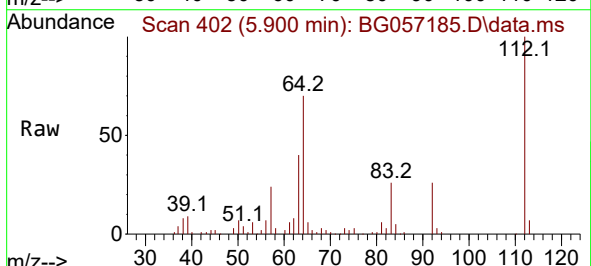


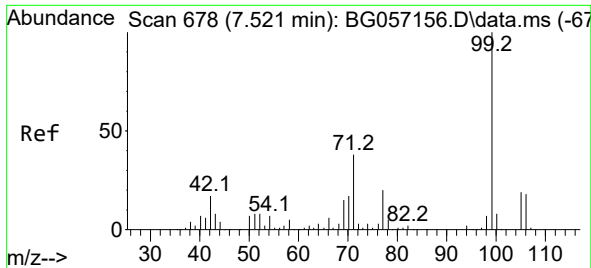
Tgt Ion:152 Resp: 17690
Ion Ratio Lower Upper
152 100
150 152.9 121.4 182.2
115 57.1 48.1 72.1



#5
2-Fluorophenol
Concen: 70.853 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:112 Resp: 69165
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 40.4 26.9 40.3#

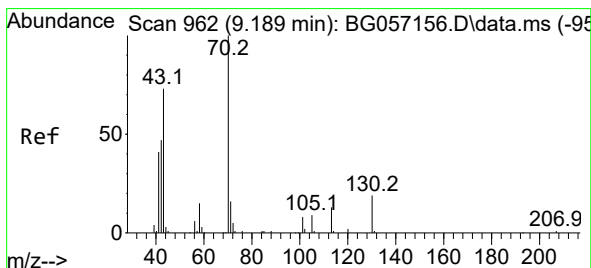
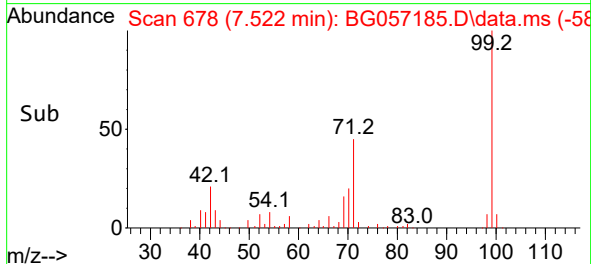
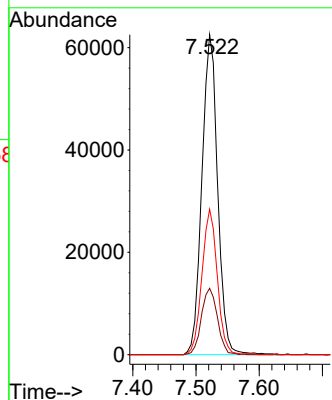
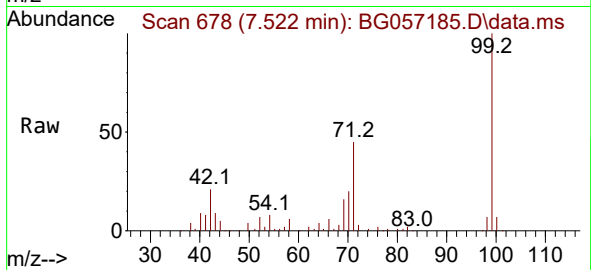




#7
Phenol-d6
Concen: 76.615 ng
RT: 7.522 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

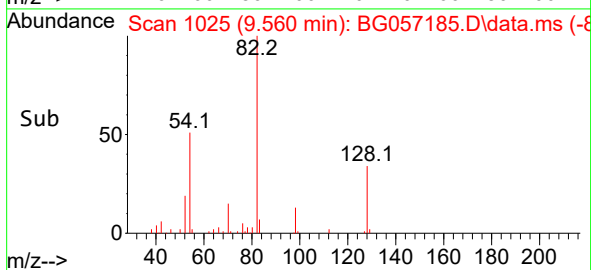
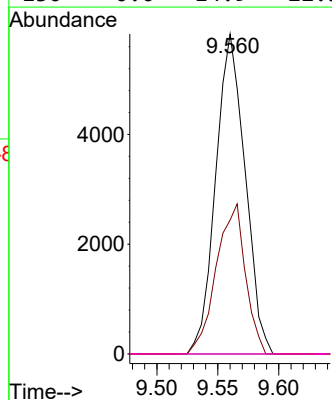
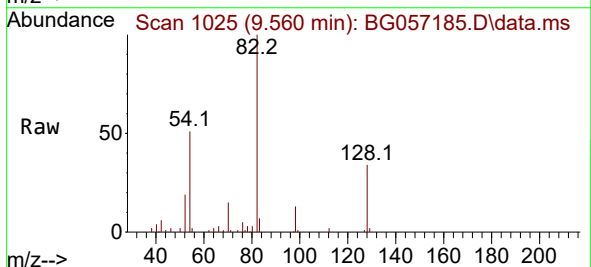
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

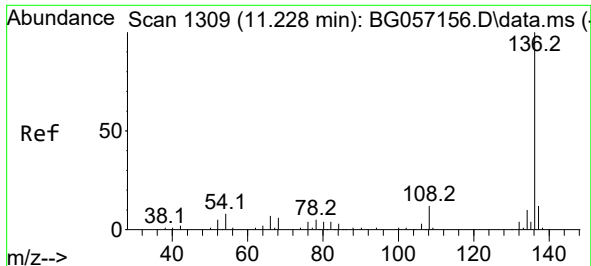
Tgt Ion: 99 Resp: 108211
Ion Ratio Lower Upper
99 100
42 20.8 13.4 20.0#
71 45.5 30.2 45.2#



#19
n-Nitroso-di-n-propylamine
Concen: 11.119 ng
RT: 9.560 min Scan# 1025
Delta R.T. 0.371 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion: 70 Resp: 9768
Ion Ratio Lower Upper
70 100
42 41.9 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: 11.222 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

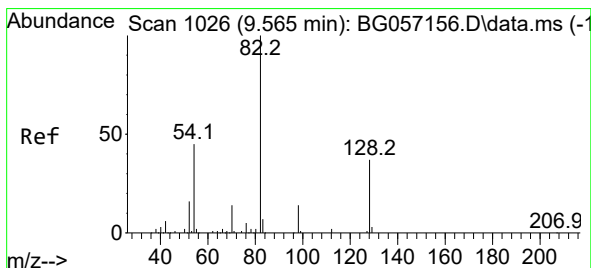
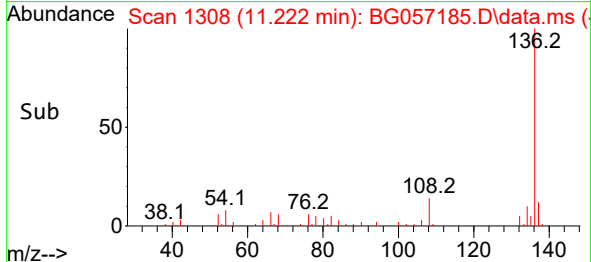
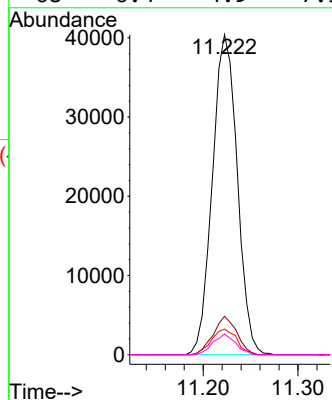
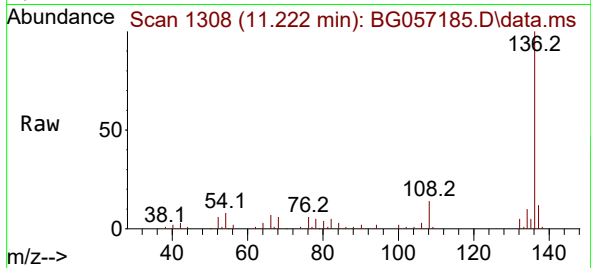
Instrument :

BNA_G

ClientSampleId :

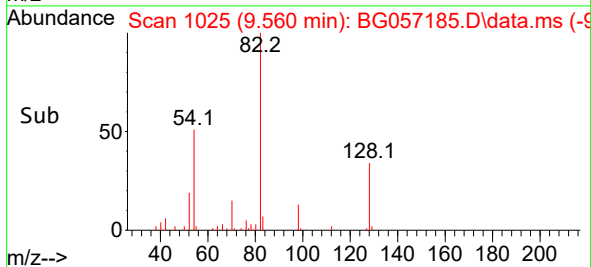
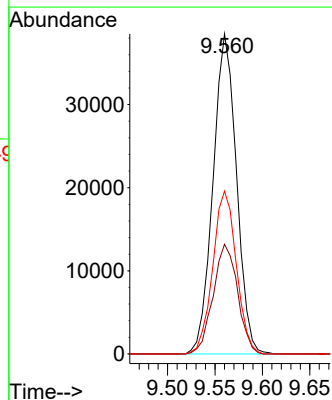
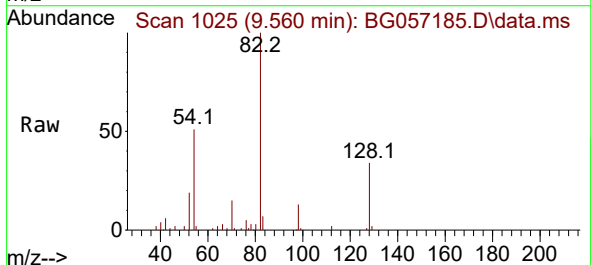
SB-11-COMP

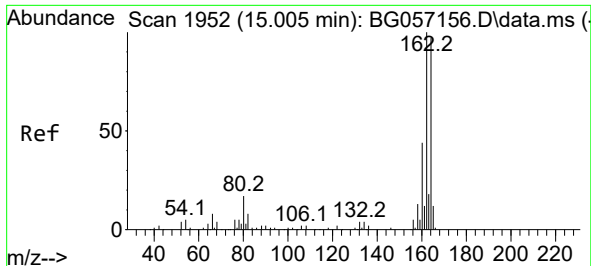
Tgt Ion:136	Resp:	73571
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.5 14.3
54	8.0	6.4 9.6
68	6.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 44.520 ng
RT: 9.560 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion: 82	Resp:	66255
Ion Ratio	Lower	Upper
82	100	
128	34.3	29.4 44.2
54	50.9	36.2 54.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.000 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

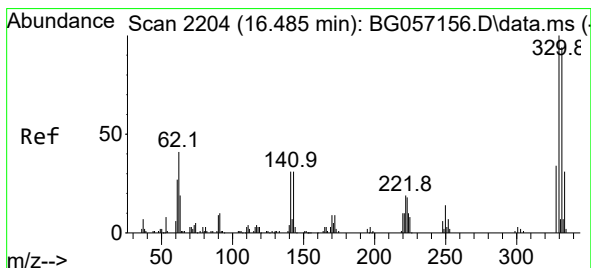
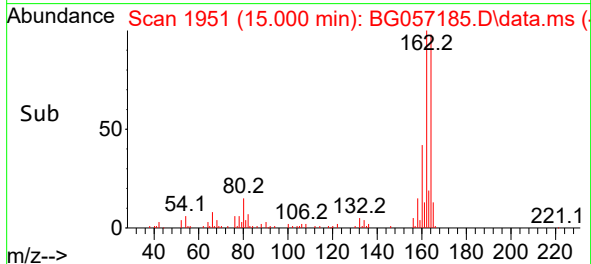
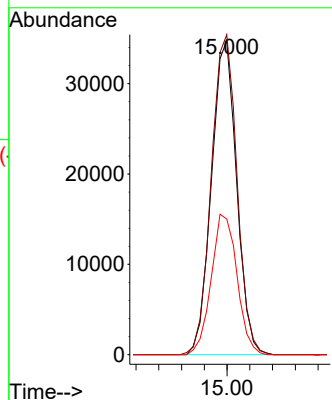
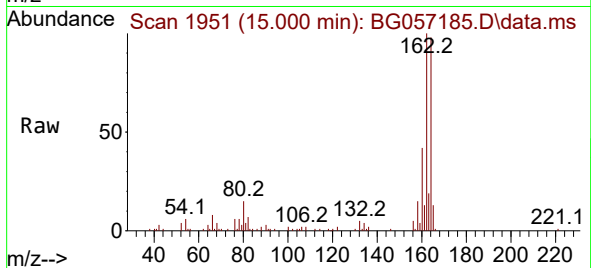
Tgt Ion:164 Resp: 53326

Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

160 43.2 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 61.874 ng

RT: 16.480 min Scan# 2203

Delta R.T. -0.005 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

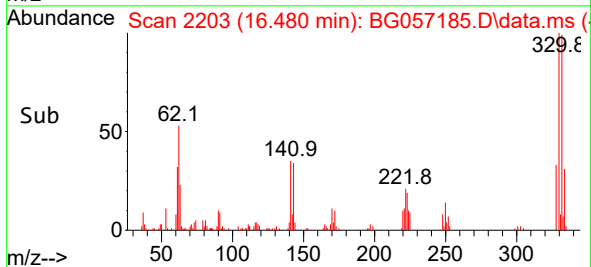
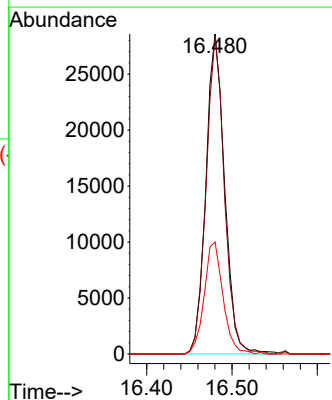
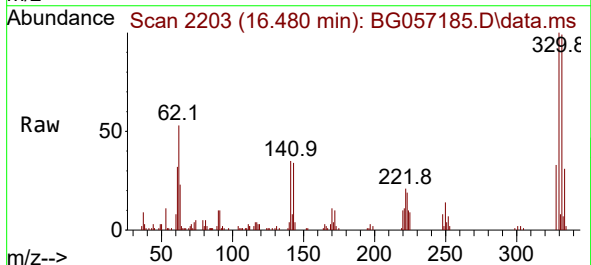
Tgt Ion:330 Resp: 43534

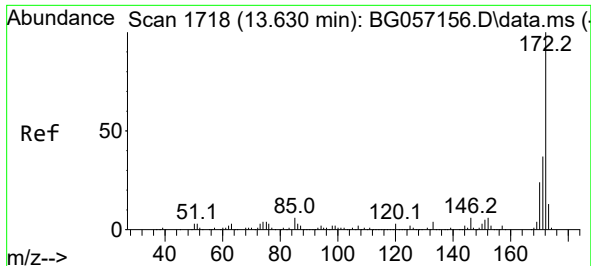
Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 35.2 26.0 39.0

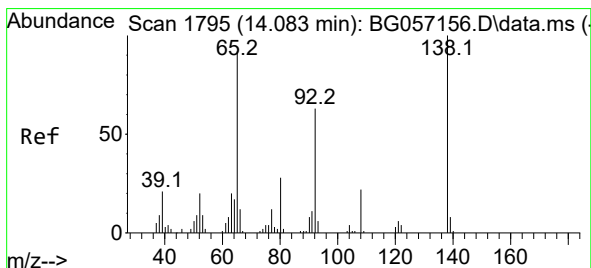
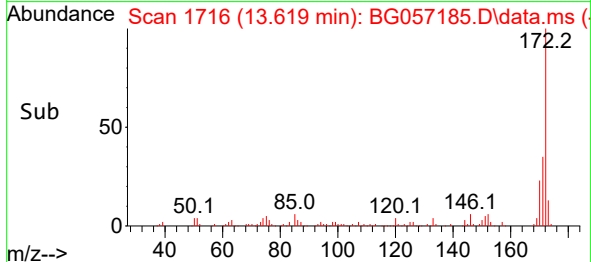
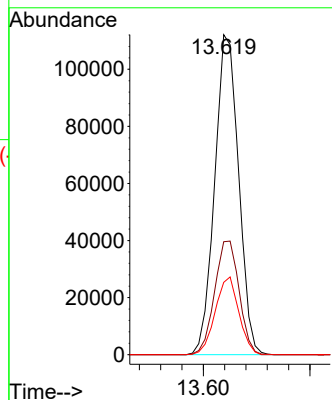
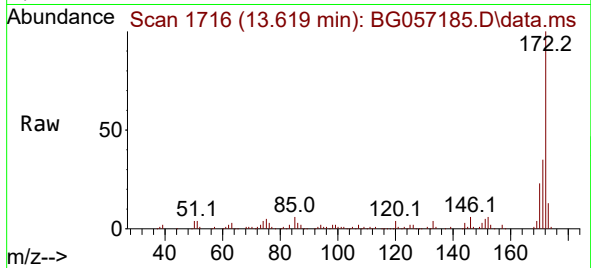




#45
2-Fluorobiphenyl
Concen: 43.906 ng
RT: 13.619 min Scan# 1716
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

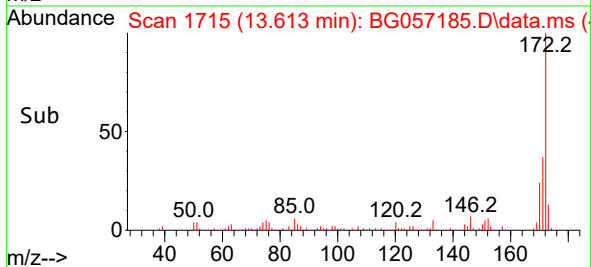
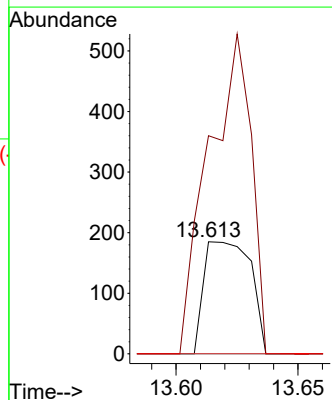
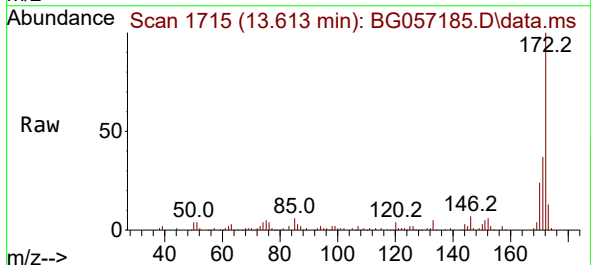
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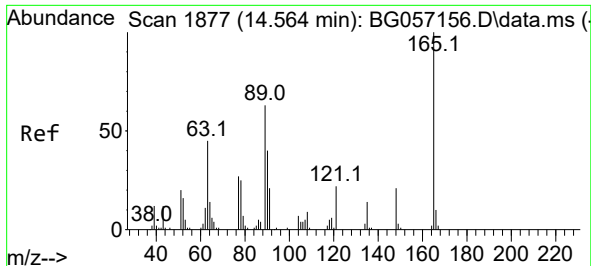
Tgt Ion:172 Resp: 174216
Ion Ratio Lower Upper
172 100
171 35.3 29.2 43.8
170 22.6 19.4 29.2



#48
2-Nitroaniline
Concen: 4.923 ng
RT: 13.613 min Scan# 1715
Delta R.T. -0.470 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion: 65 Resp: 246
Ion Ratio Lower Upper
65 100
92 194.6 54.9 82.3#
138 0.0 86.6 129.8#

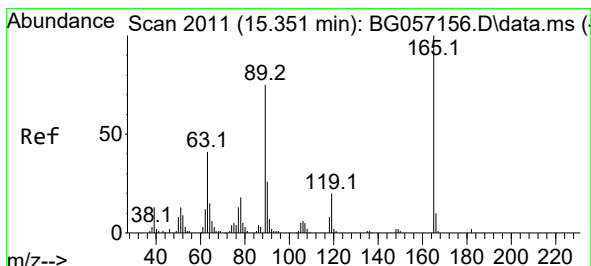
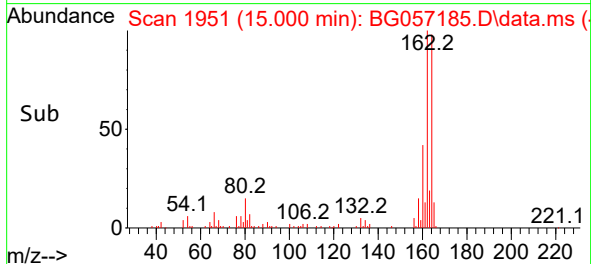
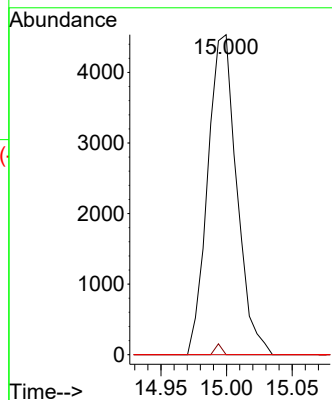
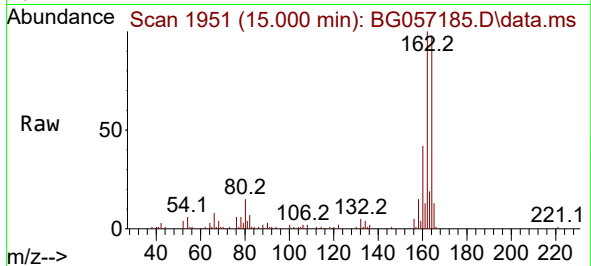




#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 15.000 min Scan# 1951
Delta R.T. 0.436 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

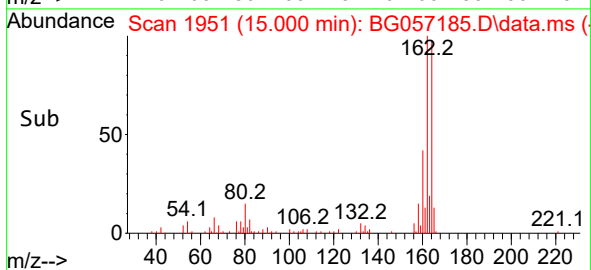
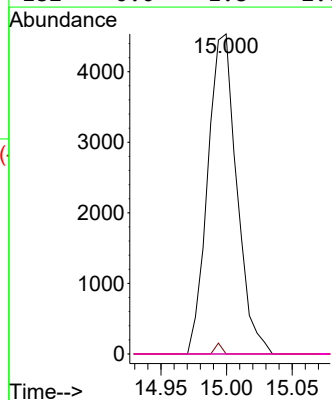
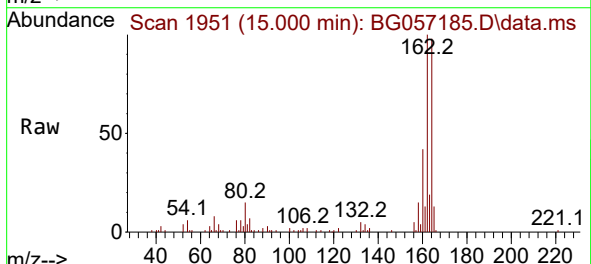
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SB-11-COMP

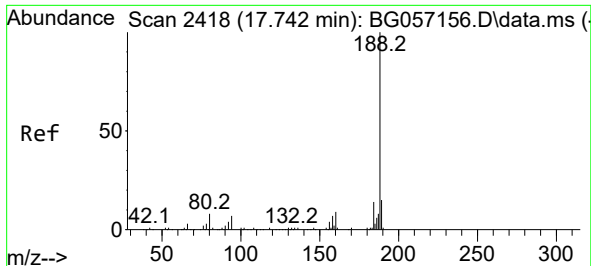
Tgt Ion:165 Resp: 6965
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#



#57
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 15.000 min Scan# 1951
Delta R.T. -0.351 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:165 Resp: 6965
Ion Ratio Lower Upper
165 100
63 0.0 33.0 49.4#
89 0.0 60.0 90.0#
182 0.0 1.8 2.6#

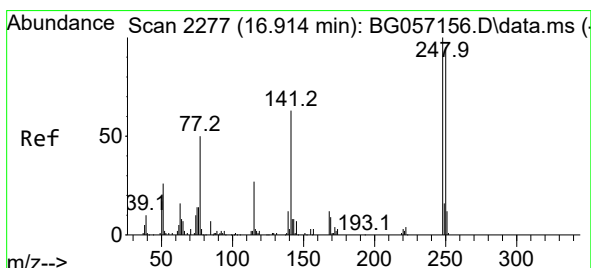
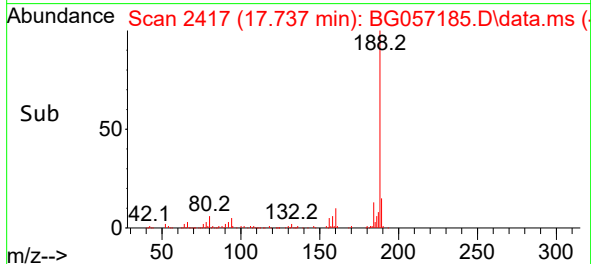
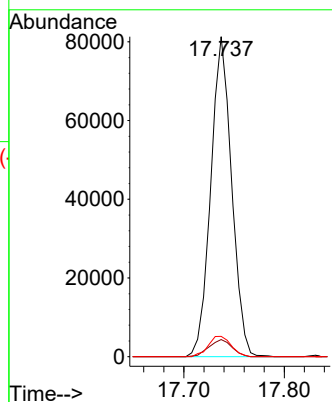
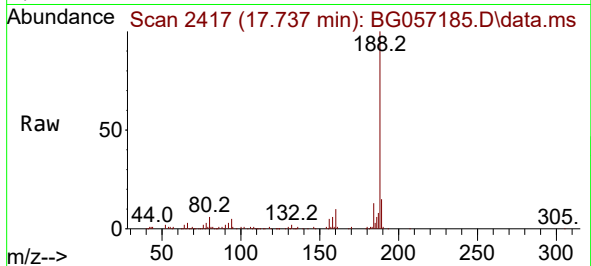




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.737 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

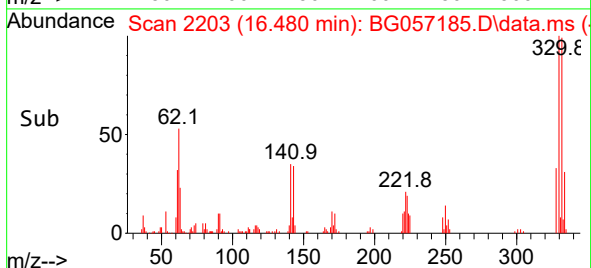
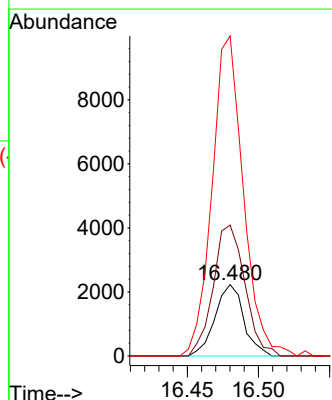
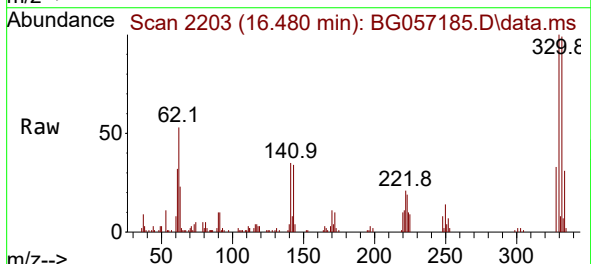
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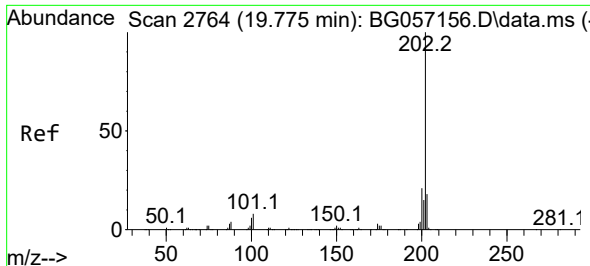
Tgt Ion:188 Resp: 117478
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 6.3 6.2 9.2



#67
4-Bromophenyl-phenylether
Concen: 2.218 ng
RT: 16.480 min Scan# 2203
Delta R.T. -0.434 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:248 Resp: 3133
Ion Ratio Lower Upper
248 100
250 183.6 75.8 113.8#
141 448.8 50.1 75.1#

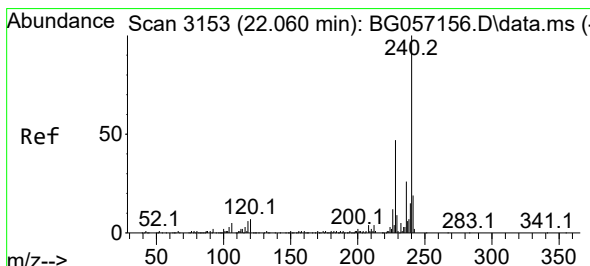
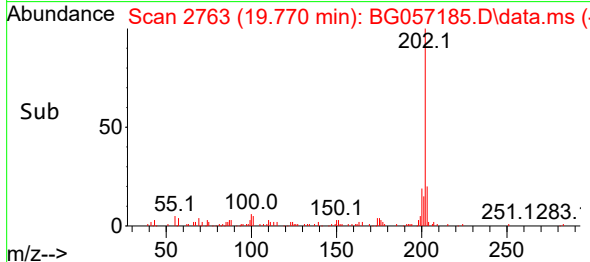
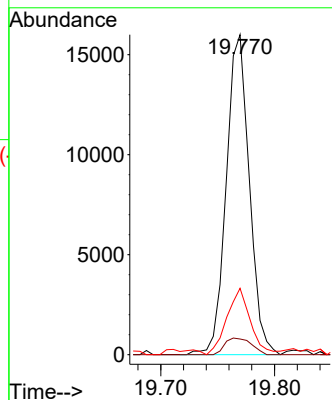
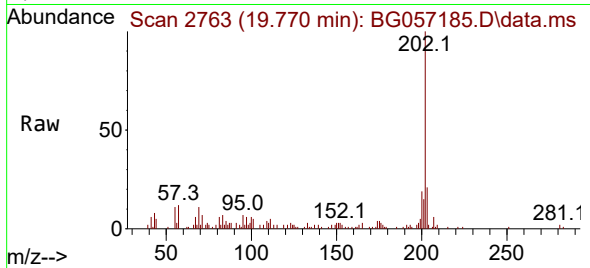




#75
Fluoranthene
Concen: 3.026 ng
RT: 19.770 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

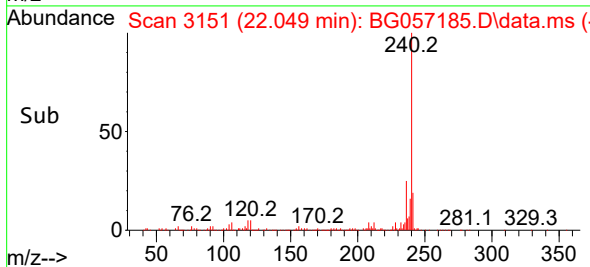
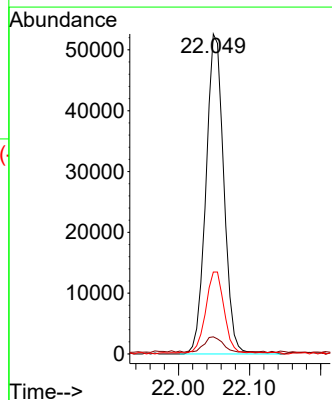
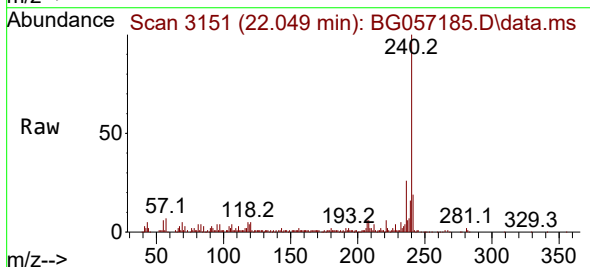
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

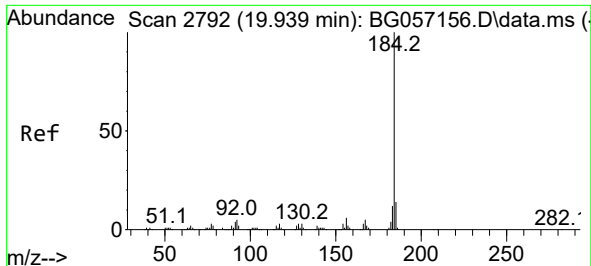
Tgt Ion:202 Resp: 22546
Ion Ratio Lower Upper
202 100
101 4.9 0.0 27.6
203 20.8 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3151
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:240 Resp: 92069
Ion Ratio Lower Upper
240 100
120 5.4 5.5 8.3#
236 25.6 20.8 31.2

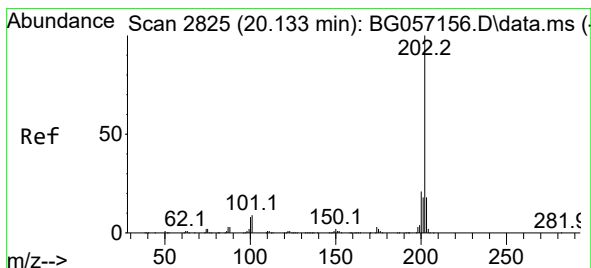
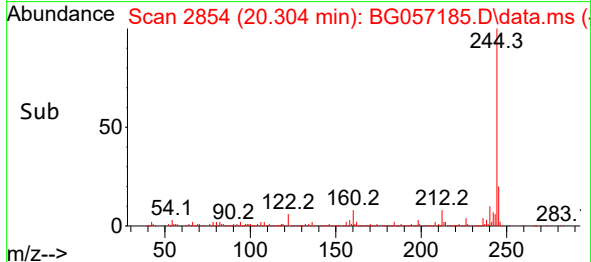
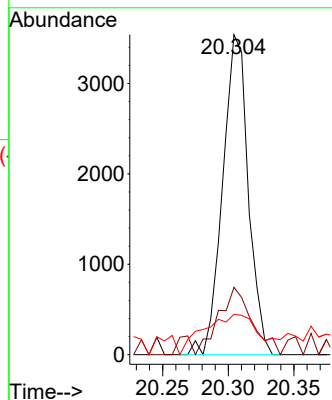
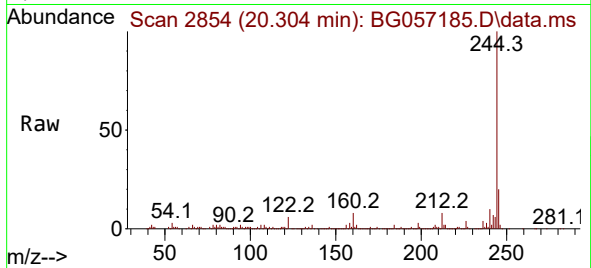




#77
Benzidine
Concen: 3.457 ng
RT: 20.304 min Scan# 21
Delta R.T. 0.365 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

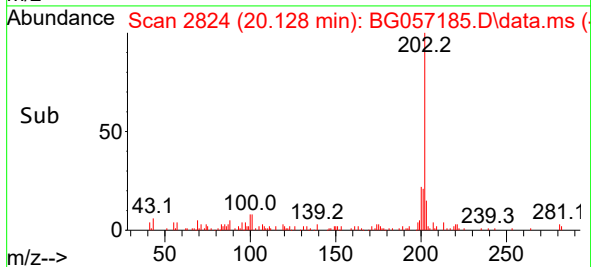
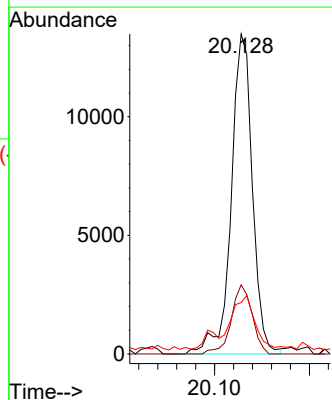
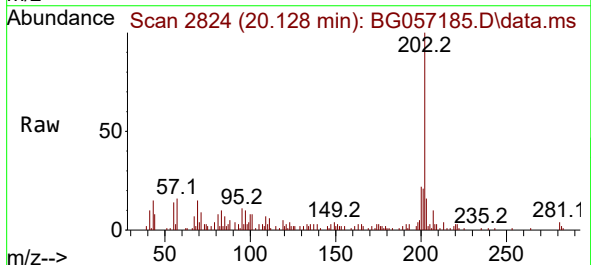
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

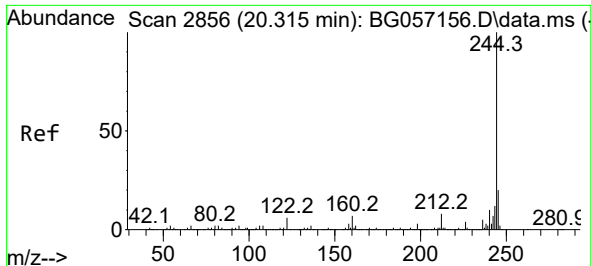
Tgt Ion:184 Resp: 4796
Ion Ratio Lower Upper
184 100
185 21.1 11.3 16.9#
183 12.6 9.4 14.0



#78
Pyrene
Concen: 3.345 ng
RT: 20.128 min Scan# 2824
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:202 Resp: 20907
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 16.1 14.7 22.1

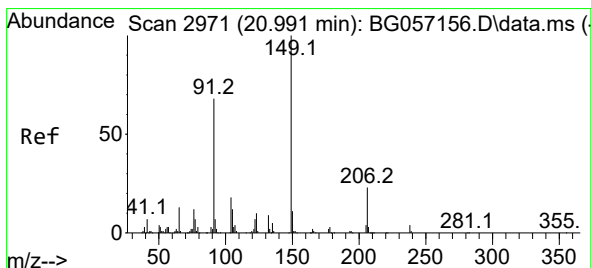
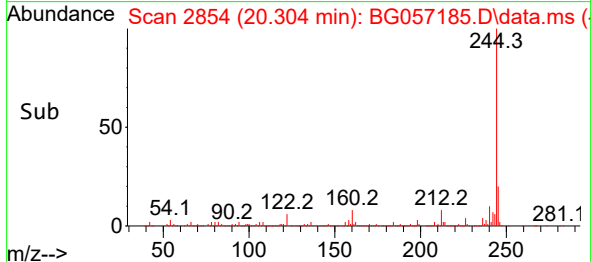
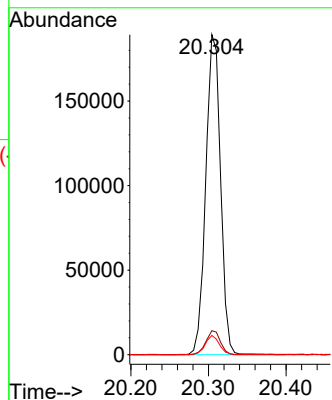
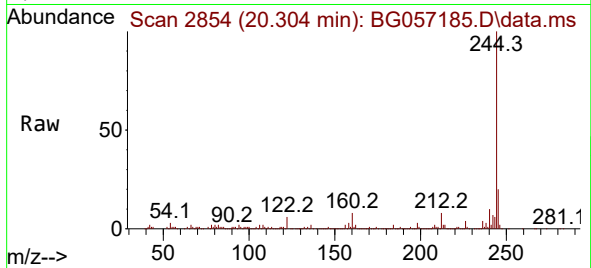




#79
 Terphenyl-d14
 Concen: 47.455 ng
 RT: 20.304 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057185.D
 Acq: 25 Apr 2023 20:43

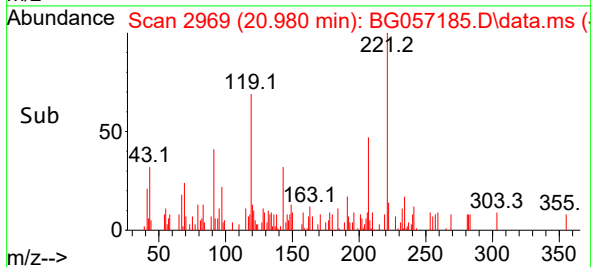
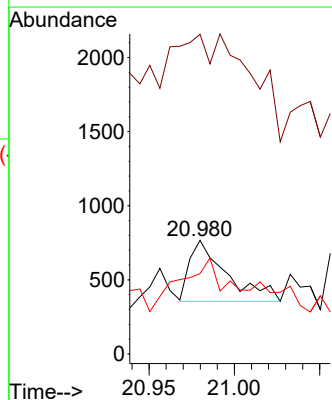
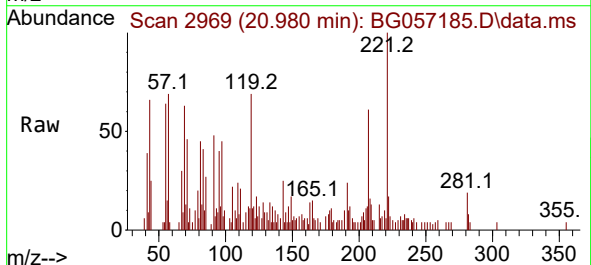
Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

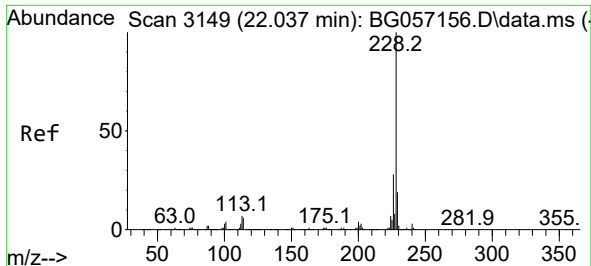
Tgt Ion:244 Resp: 249791
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 6.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 3.570 ng
 RT: 20.980 min Scan# 2969
 Delta R.T. -0.011 min
 Lab File: BG057185.D
 Acq: 25 Apr 2023 20:43

Tgt Ion:149 Resp: 621
 Ion Ratio Lower Upper
 149 100
 91 281.6 54.1 81.1#
 206 70.8 18.2 27.2#

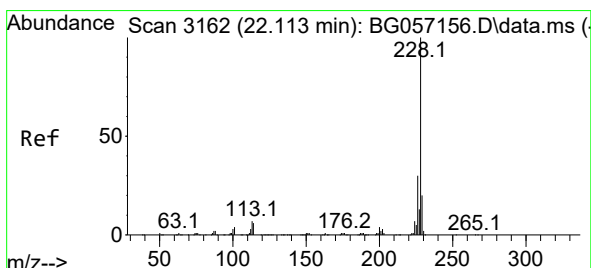
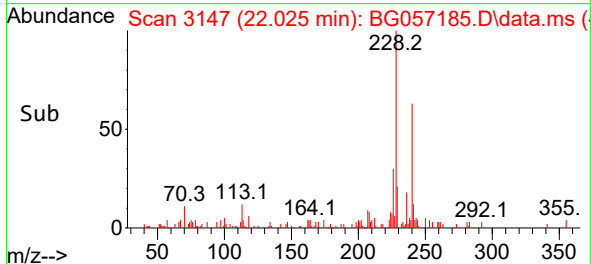
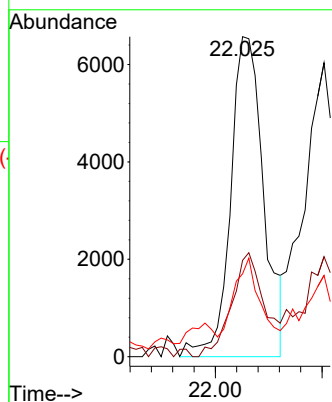
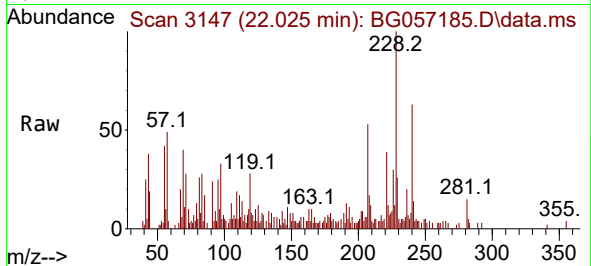




#81
Benzo(a)anthracene
Concen: 2.235 ng
RT: 22.025 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

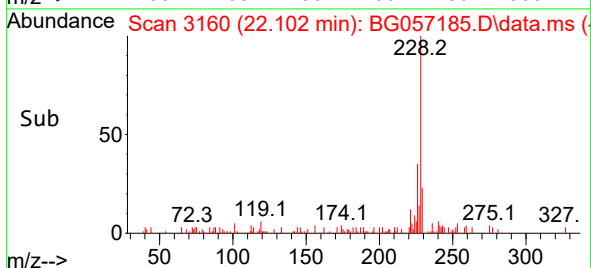
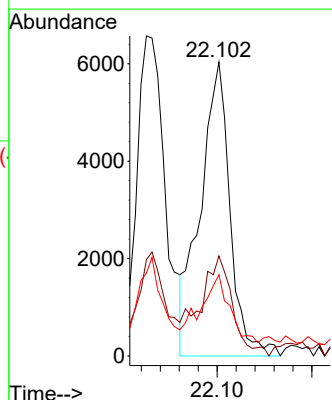
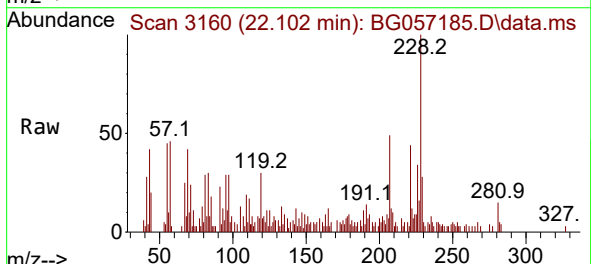
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

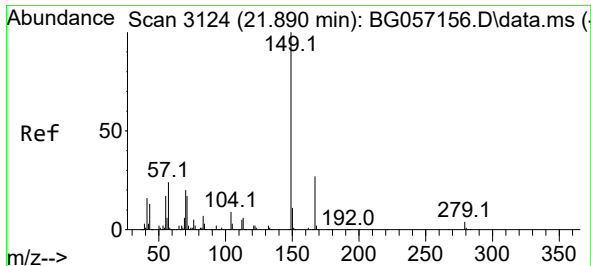
Tgt Ion:228 Resp: 14148
Ion Ratio Lower Upper
228 100
226 30.1 22.2 33.4
229 25.9 15.6 23.4#



#83
Chrysene
Concen: 2.160 ng
RT: 22.102 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:228 Resp: 13185
Ion Ratio Lower Upper
228 100
226 34.0 24.0 36.0
229 27.7 15.8 23.6#

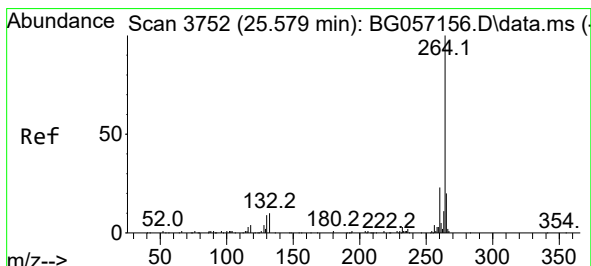
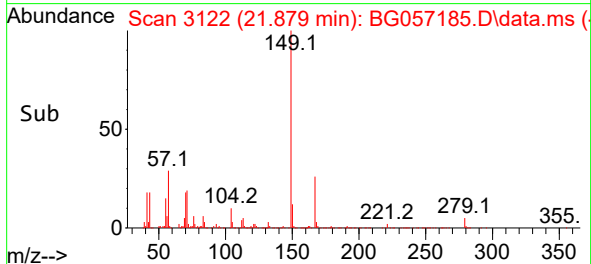
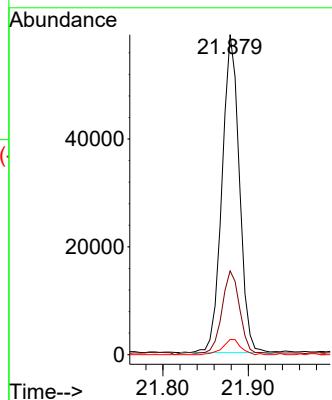
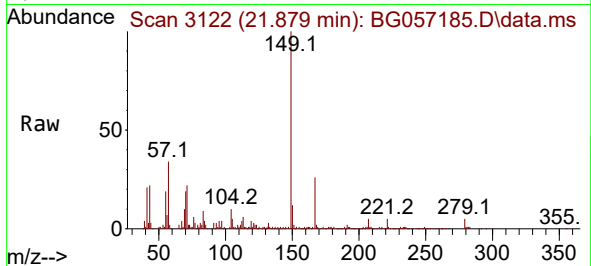




#84
Bis(2-ethylhexyl)phthalate
Concen: 33.438 ng
RT: 21.879 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

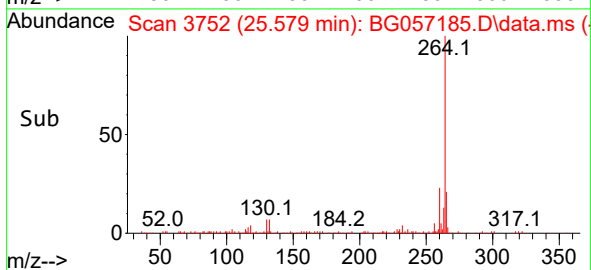
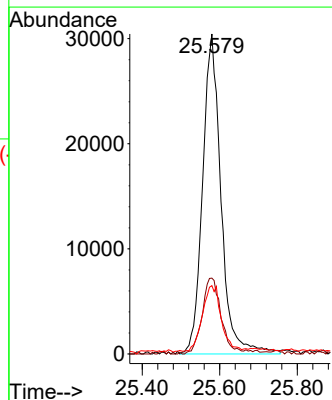
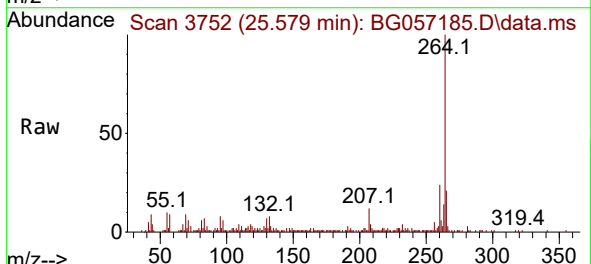
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

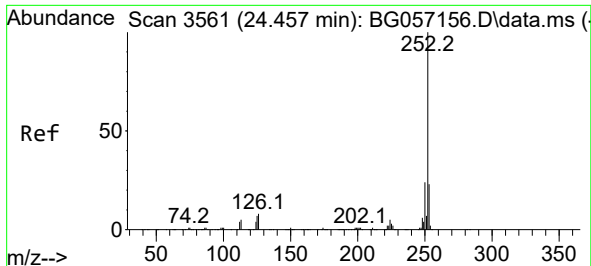
Tgt Ion:149 Resp: 83267
Ion Ratio Lower Upper
149 100
167 26.2 21.9 32.9
279 4.7 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.579 min Scan# 3752
Delta R.T. 0.001 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:264 Resp: 100498
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.4 16.4 24.6

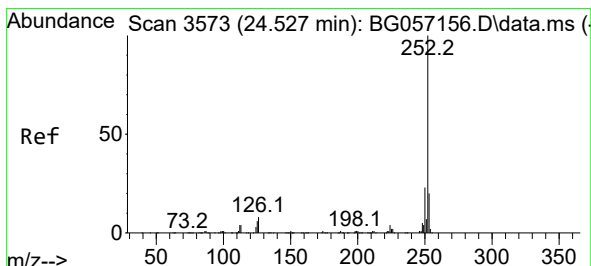
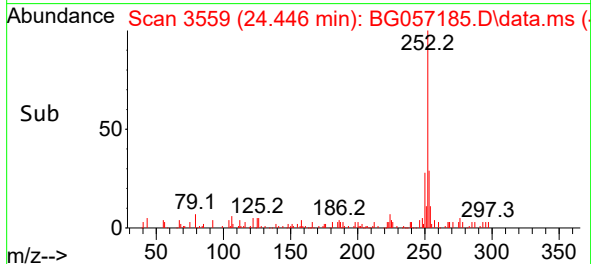
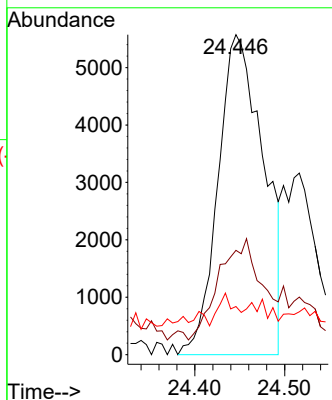
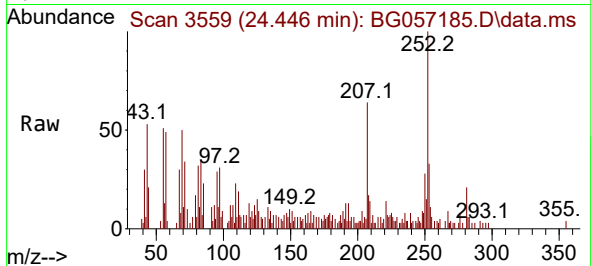




#88
Benzo(b)fluoranthene
Concen: 3.116 ng
RT: 24.446 min Scan# 3559
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

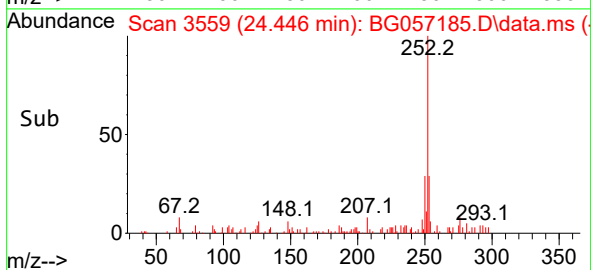
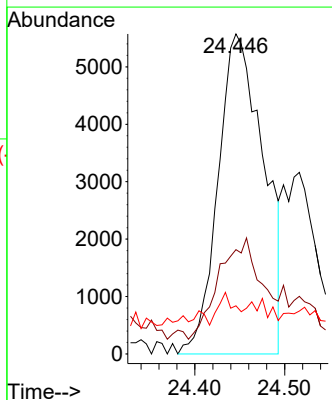
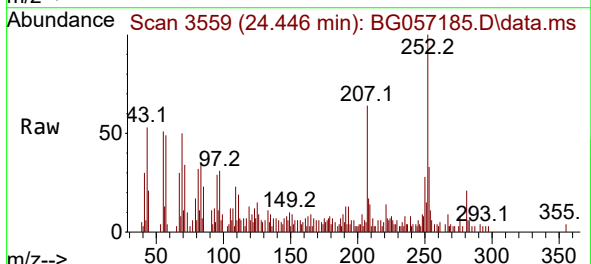
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

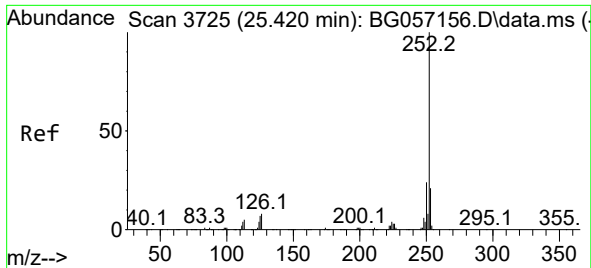
Tgt Ion:252 Resp: 19631
Ion Ratio Lower Upper
252 100
253 32.6 18.2 27.2#
125 15.1 5.3 7.9#



#89
Benzo(k)fluoranthene
Concen: 3.013 ng
RT: 24.446 min Scan# 3559
Delta R.T. -0.082 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:252 Resp: 19631
Ion Ratio Lower Upper
252 100
253 32.6 16.7 25.1#
125 15.1 5.0 7.6#





#90
 Benzo(a)pyrene
 Concen: 2.082 ng
 RT: 25.409 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG057185.D
 Acq: 25 Apr 2023 20:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Tgt Ion:252 Resp: 12919
 Ion Ratio Lower Upper
 252 100
 253 28.1 17.0 25.6#
 125 18.6 5.8 8.8#

