

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057176.D
 Acq On : 25 Apr 2023 14:39
 Operator : CG/JU
 Sample : 02423-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-1

Quant Time: Apr 26 00:22:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

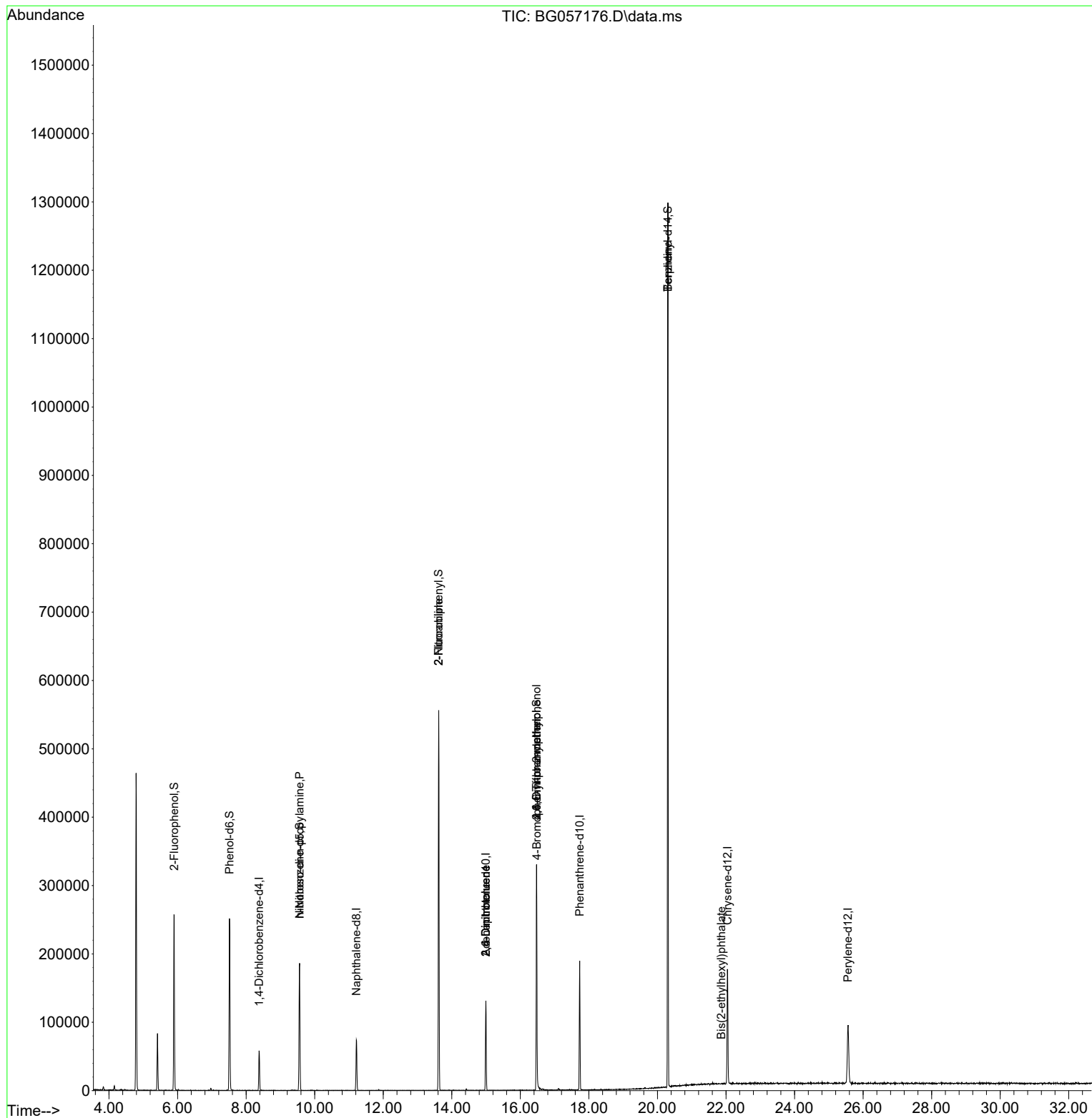
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15907	20.000	ng	-0.01
21) Naphthalene-d8	11.216	136	60488	20.000	ng	-0.01
39) Acenaphthene-d10	14.993	164	45567	20.000	ng	-0.01
64) Phenanthrene-d10	17.730	188	122509	20.000	ng	-0.01
76) Chrysene-d12	22.042	240	114514	20.000	ng	-0.02
86) Perylene-d12	25.555	264	104498	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	108398	123.490	ng	0.00
7) Phenol-d6	7.515	99	141799	111.649	ng	0.00
23) Nitrobenzene-d5	9.559	82	118253	96.647	ng	0.00
42) 2,4,6-Tribromophenol	16.473	330	65256	108.540	ng	-0.01
45) 2-Fluorobiphenyl	13.618	172	284088	83.787	ng	-0.01
79) Terphenyl-d14	20.303	244	637437	97.363	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.559	70	16642	21.067	ng	# 83
48) 2-Nitroaniline	13.618	65	563	5.421	ng	# 1
51) 2,6-Dinitrotoluene	14.993	165	5996	8.982	ng	# 21
57) 2,4-Dinitrotoluene	14.993	165	5996	6.596	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.473	198	127	5.057	ng	# 1
67) 4-Bromophenyl-phenylether	16.479	248	4320	2.932	ng	# 1
77) Benzidine	20.303	184	10418	6.037	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.866	149	191	3.590	ng	# 53

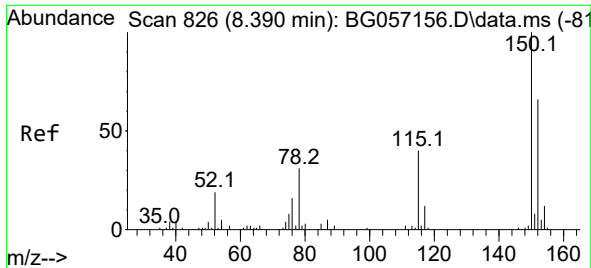
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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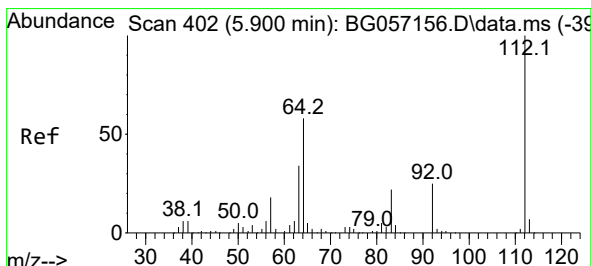
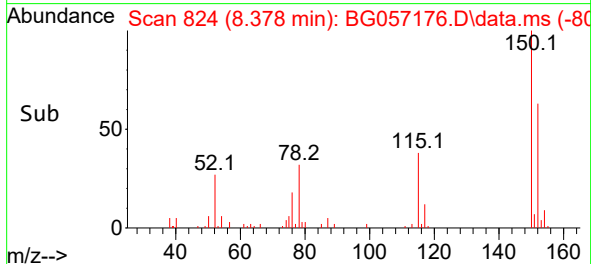
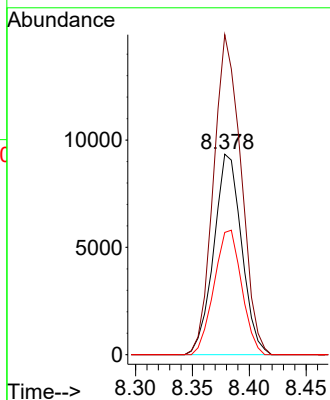
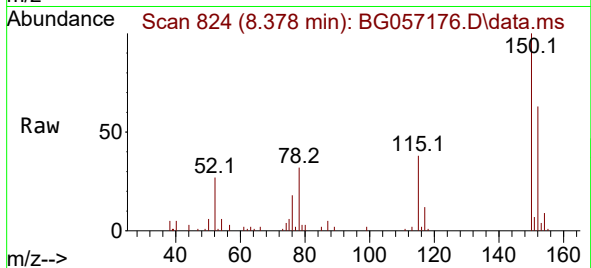




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.378 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

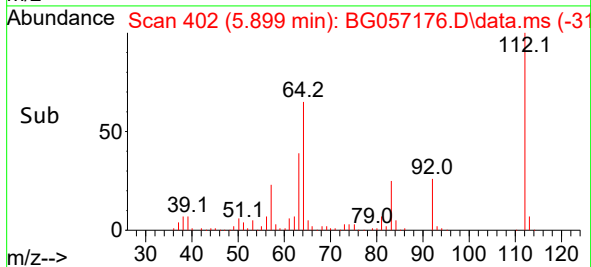
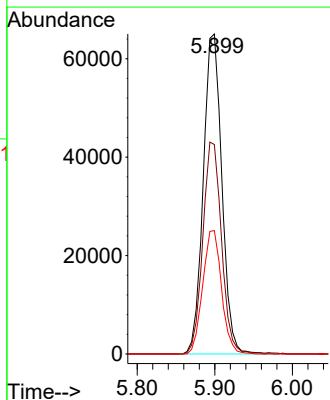
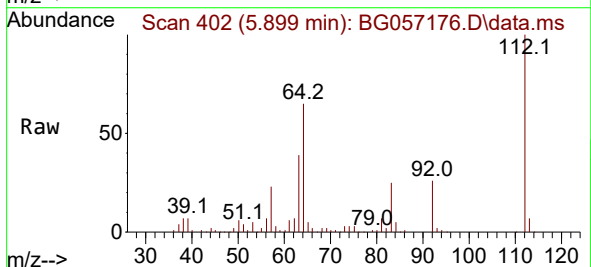
Instrument :
BNA_G
ClientSampleId :
EB-1

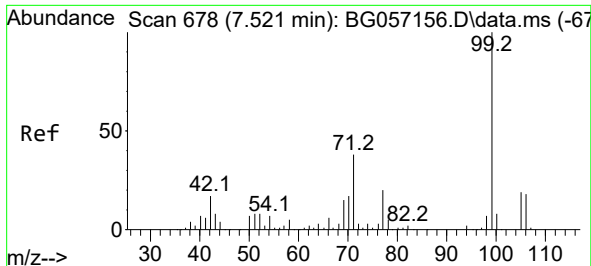
Tgt Ion:152 Resp: 15907
Ion Ratio Lower Upper
152 100
150 159.6 121.4 182.2
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 123.490 ng
RT: 5.899 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:112 Resp: 108398
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 38.5 26.9 40.3

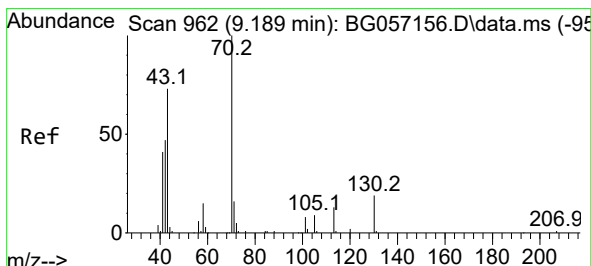
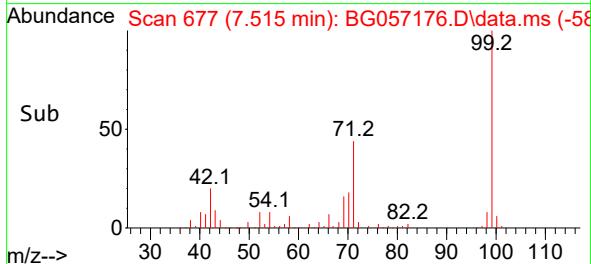
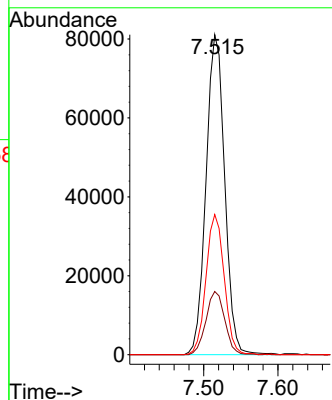
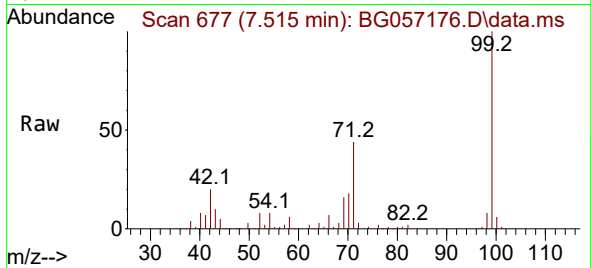




#7
Phenol-d6
Concen: 111.649 ng
RT: 7.515 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

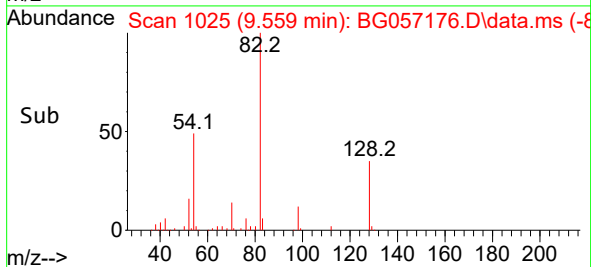
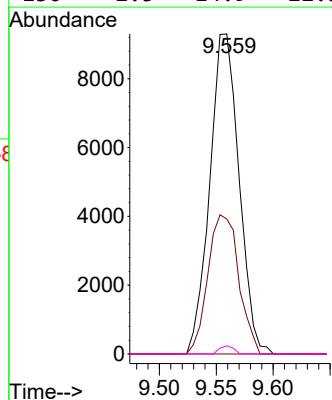
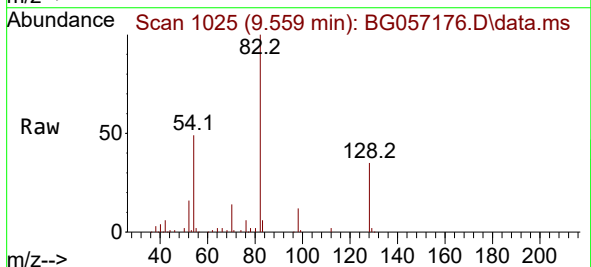
Instrument :
BNA_G
ClientSampleId :
EB-1

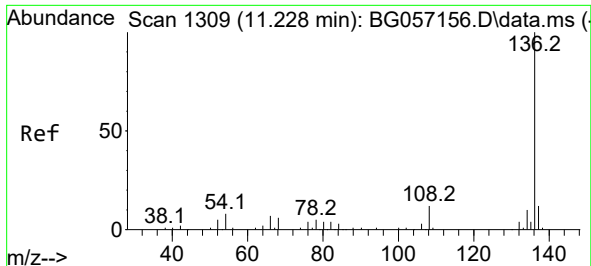
Tgt Ion: 99 Resp: 141799
Ion Ratio Lower Upper
99 100
42 19.8 13.4 20.0
71 43.8 30.2 45.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.067 ng
RT: 9.559 min Scan# 1025
Delta R.T. 0.370 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion: 70 Resp: 16642
Ion Ratio Lower Upper
70 100
42 42.2 38.0 57.0
101 0.0 6.6 9.8#
130 2.5 14.9 22.3#

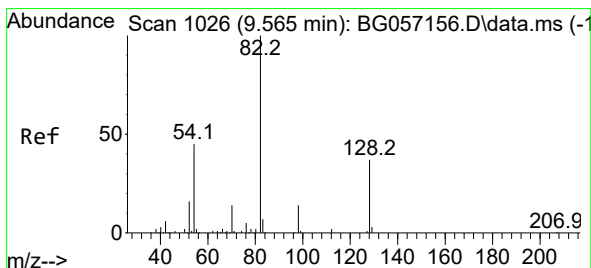
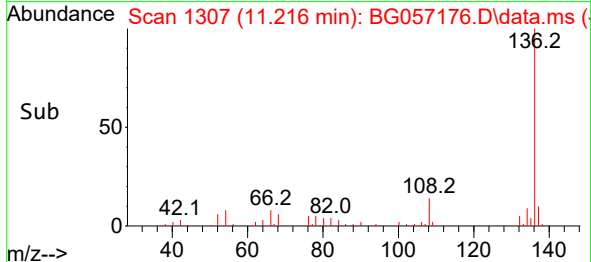
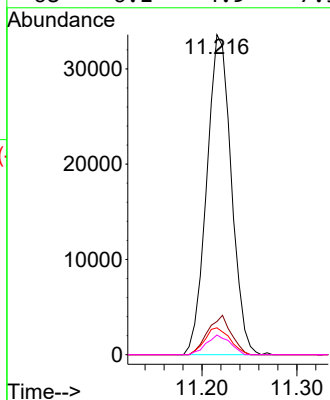
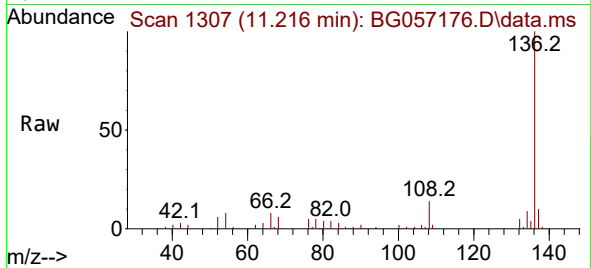




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

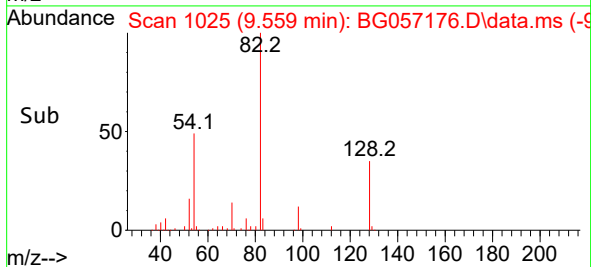
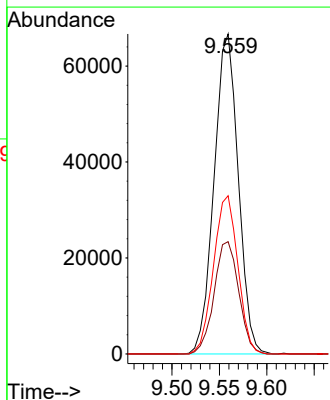
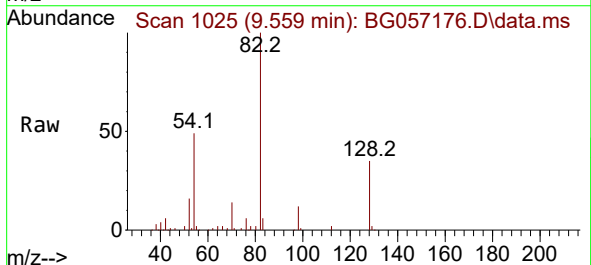
Instrument :
BNA_G
ClientSampleId :
EB-1

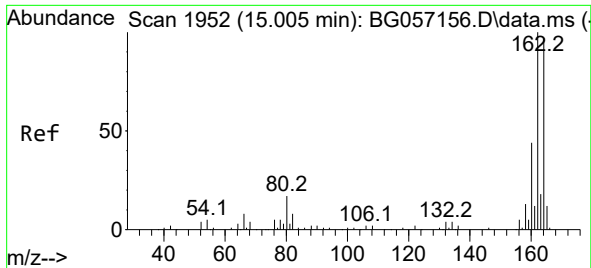
Tgt Ion:136	Resp:	60488
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.5 14.3
54	8.4	6.4 9.6
68	6.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 96.647 ng
RT: 9.559 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

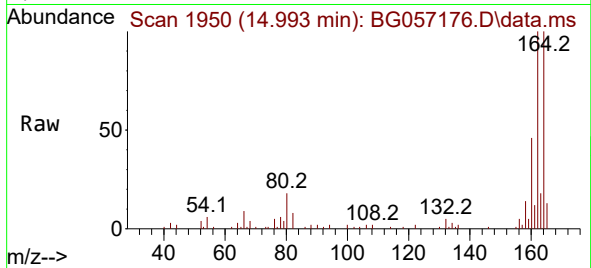
Tgt Ion: 82	Resp:	118253
Ion Ratio	Lower	Upper
82	100	
128	35.1	29.4 44.2
54	49.5	36.2 54.2



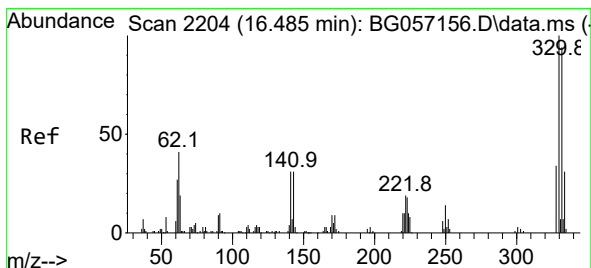
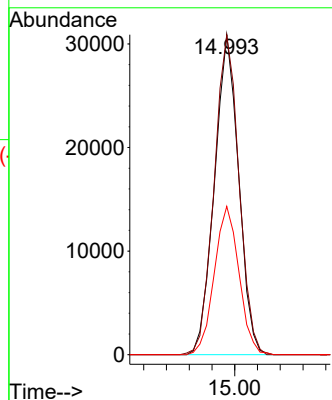
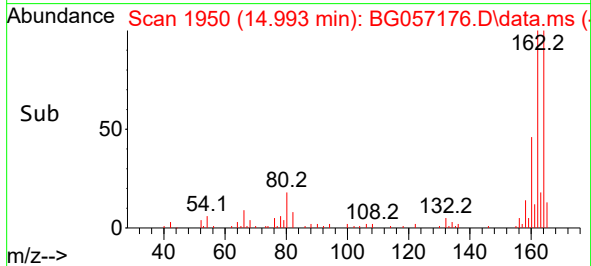


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

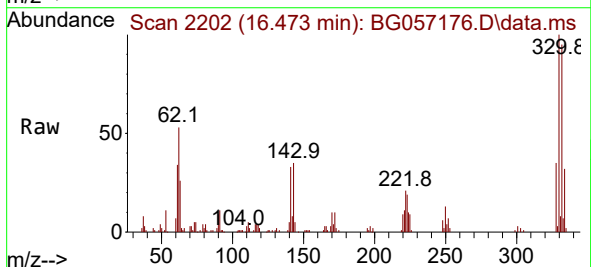
Instrument :
BNA_G
ClientSampleId :
EB-1



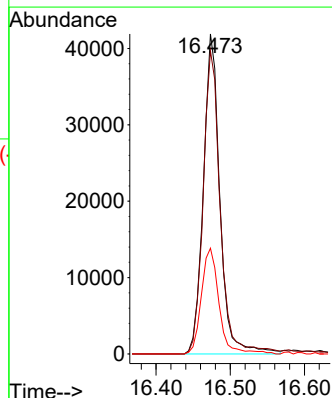
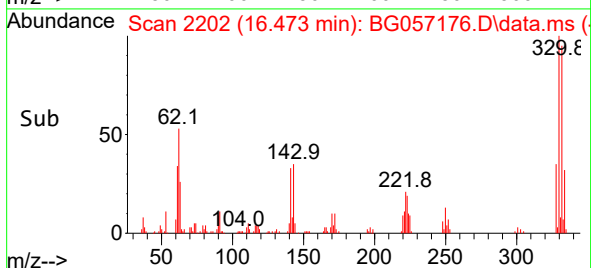
Tgt Ion:164 Resp: 45567
Ion Ratio Lower Upper
164 100
162 99.8 82.4 123.6
160 46.4 36.2 54.2

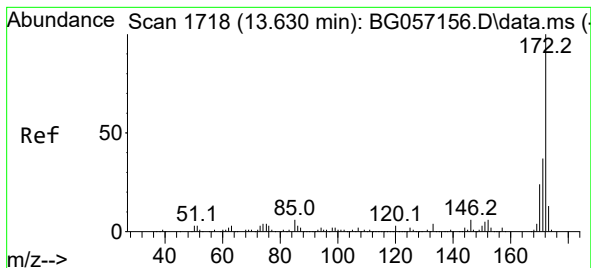


#42
2,4,6-Tribromophenol
Concen: 108.540 ng
RT: 16.473 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39



Tgt Ion:330 Resp: 65256
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 35.1 26.0 39.0

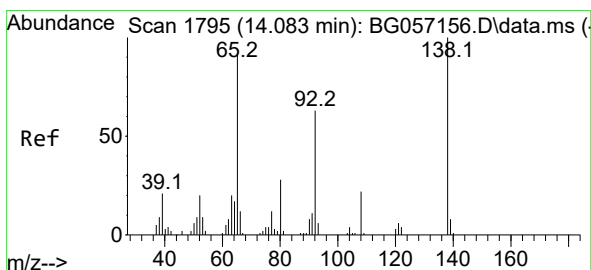
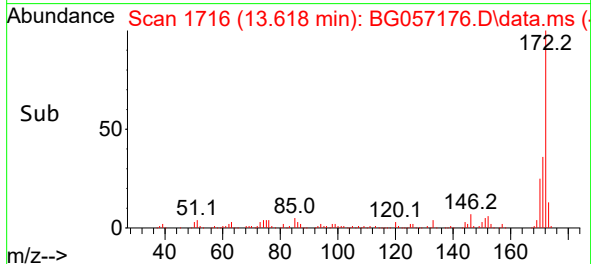
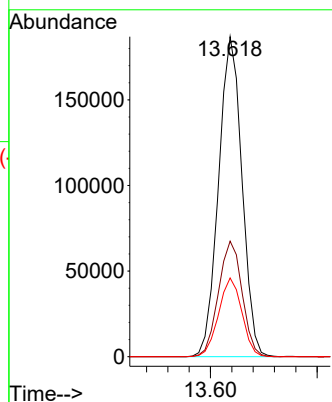
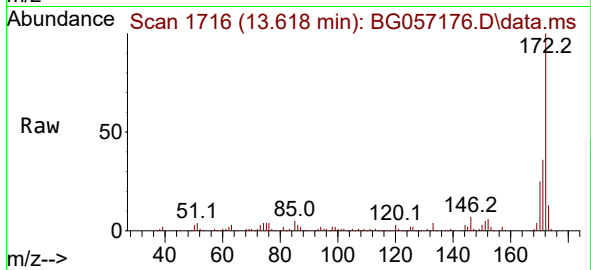




#45
2-Fluorobiphenyl
Concen: 83.787 ng
RT: 13.618 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

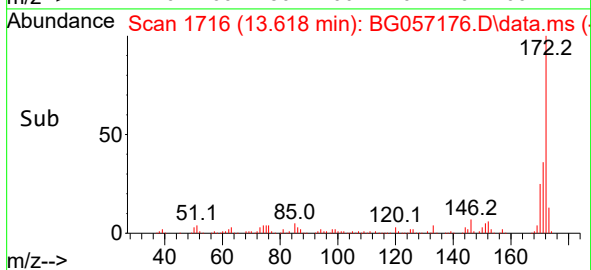
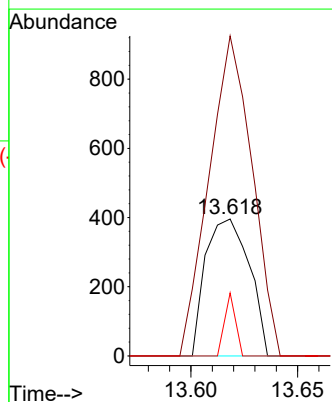
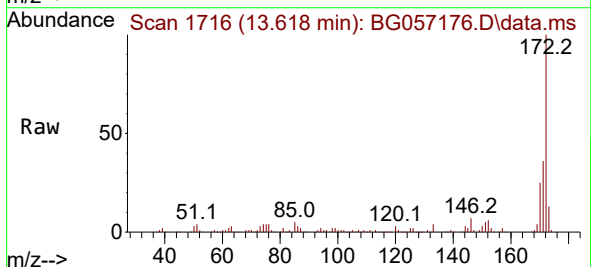
Instrument :
BNA_G
ClientSampleId :
EB-1

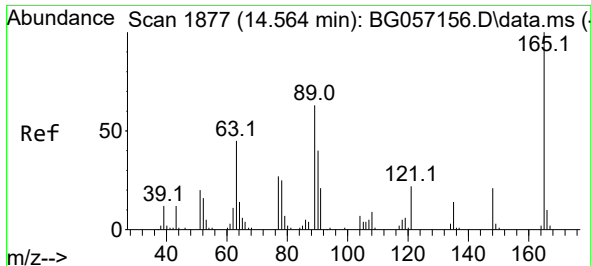
Tgt Ion:172 Resp: 284088
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.6 19.4 29.2



#48
2-Nitroaniline
Concen: 5.421 ng
RT: 13.618 min Scan# 1716
Delta R.T. -0.465 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion: 65 Resp: 563
Ion Ratio Lower Upper
65 100
92 233.6 54.9 82.3#
138 46.0 86.6 129.8#

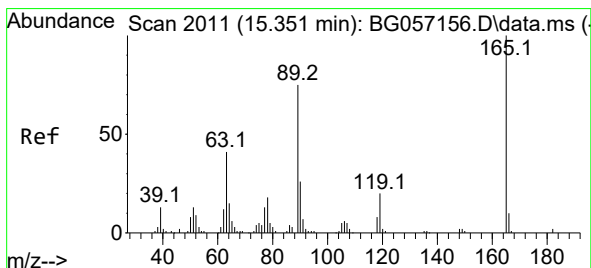
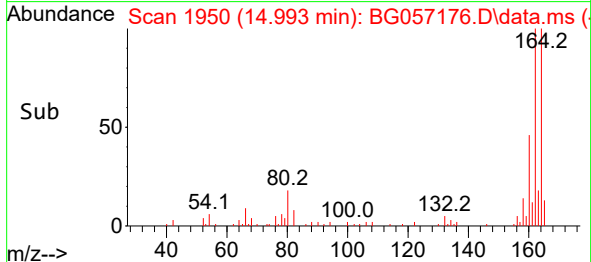
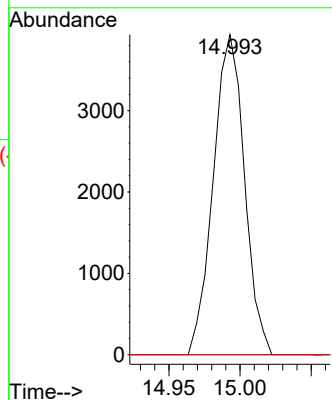
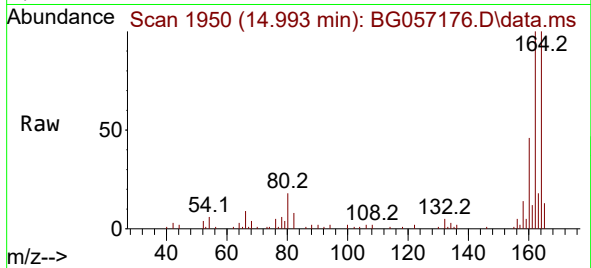




#51
2,6-Dinitrotoluene
Concen: 8.982 ng
RT: 14.993 min Scan# 1950
Delta R.T. 0.429 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

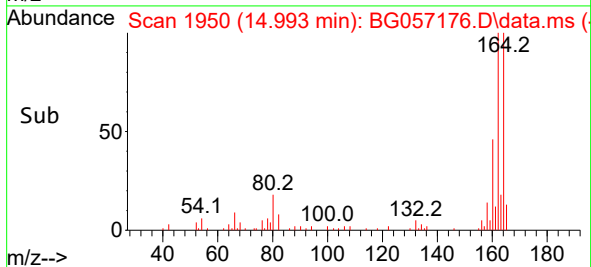
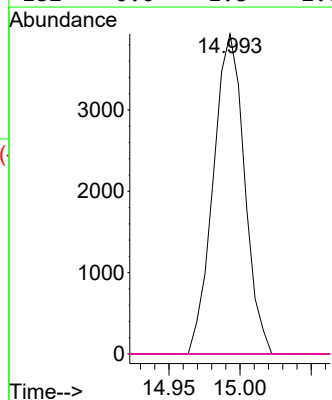
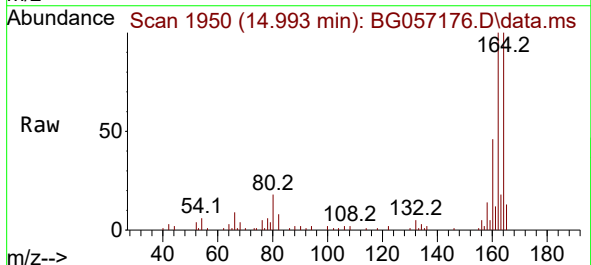
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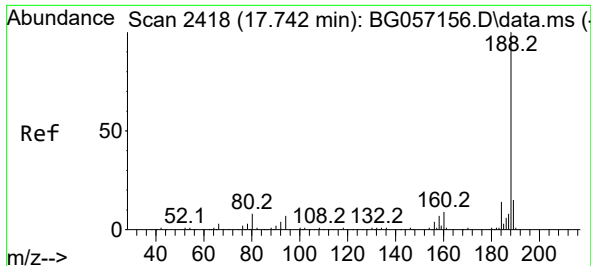
Tgt Ion:165 Resp: 5996
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#



#57
2,4-Dinitrotoluene
Concen: 6.596 ng
RT: 14.993 min Scan# 1950
Delta R.T. -0.358 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:165 Resp: 5996
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#

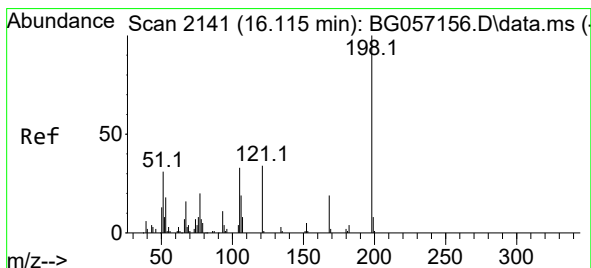
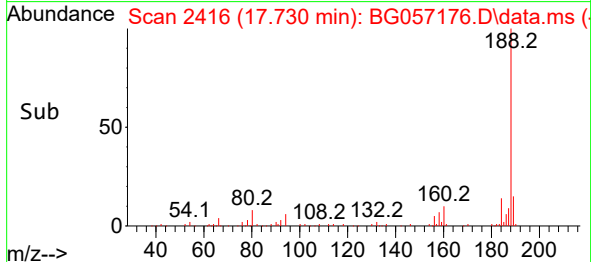
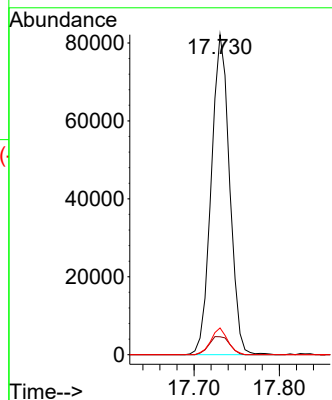
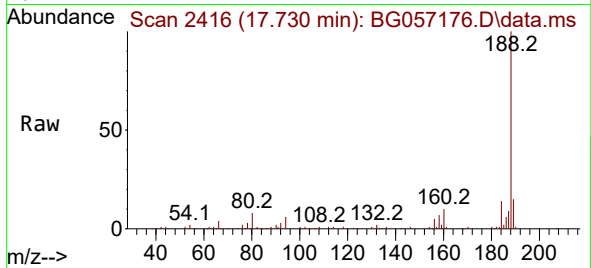




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.730 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

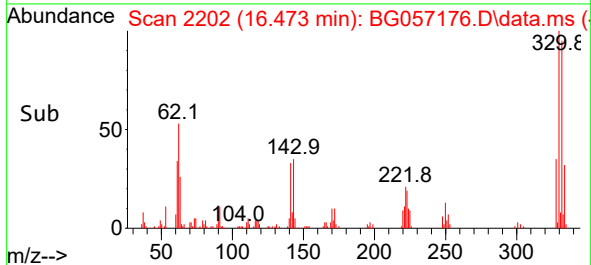
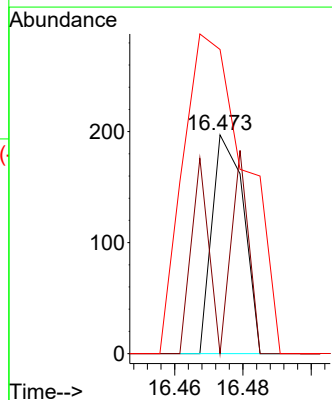
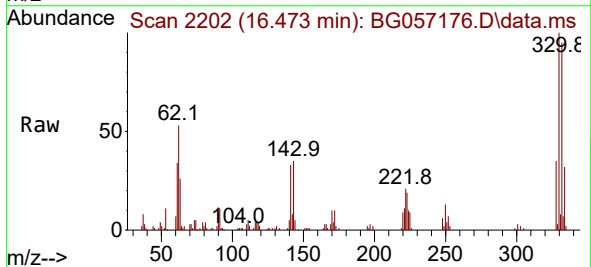
Instrument :
BNA_G
ClientSampleId :
EB-1

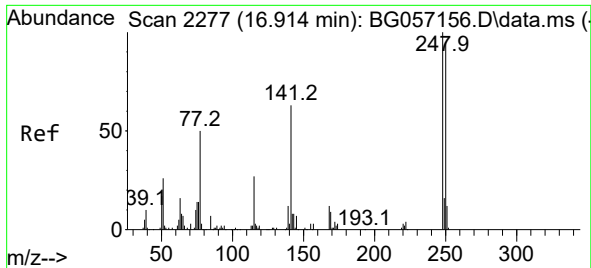
Tgt Ion:188 Resp: 122509
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 8.4 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.057 ng
RT: 16.473 min Scan# 2202
Delta R.T. 0.358 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 0.0 13.1 53.1#
105 139.1 14.1 54.1#

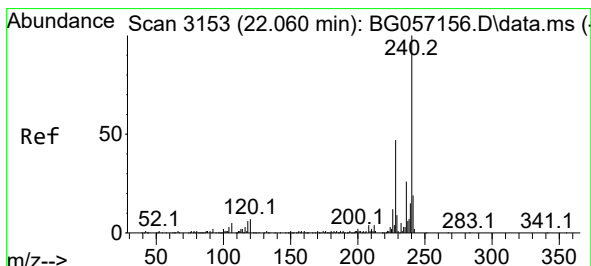
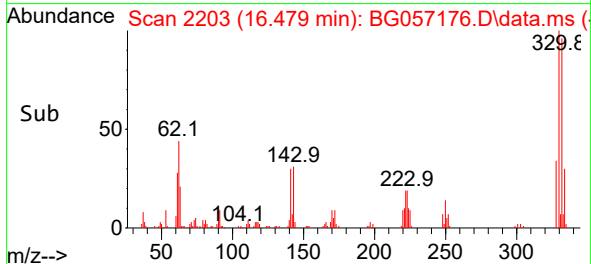
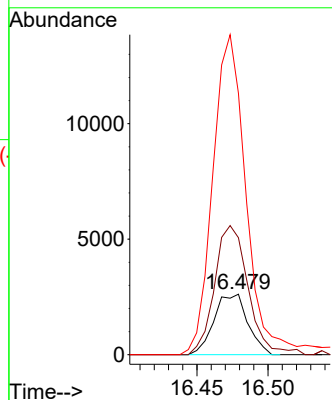
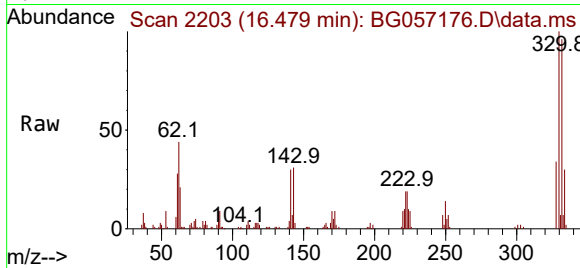




#67
4-Bromophenyl-phenylether
Concen: 2.932 ng
RT: 16.479 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

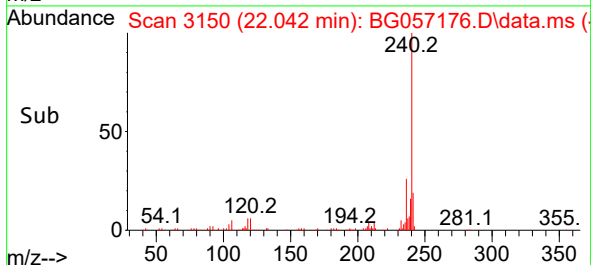
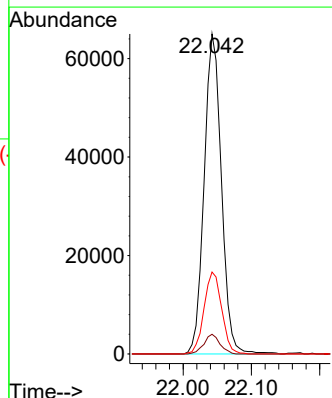
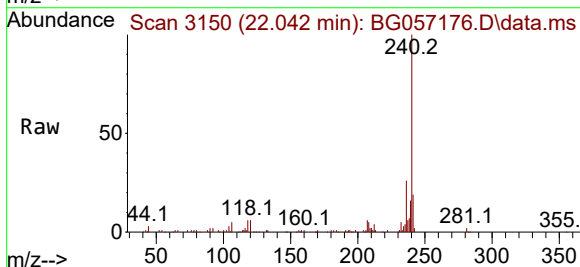
Instrument :
BNA_G
ClientSampleId :
EB-1

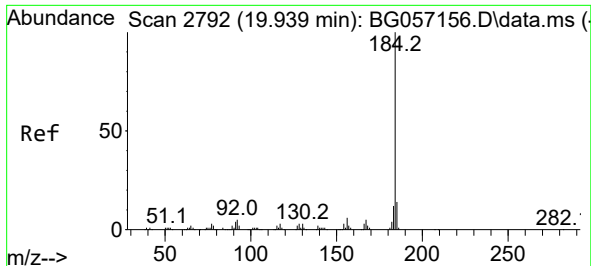
Tgt Ion:248 Resp: 4320
Ion Ratio Lower Upper
248 100
250 193.8 75.8 113.8#
141 432.8 50.1 75.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:240 Resp: 114514
Ion Ratio Lower Upper
240 100
120 6.1 5.5 8.3
236 25.6 20.8 31.2

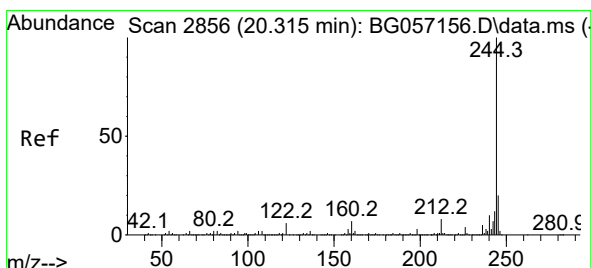
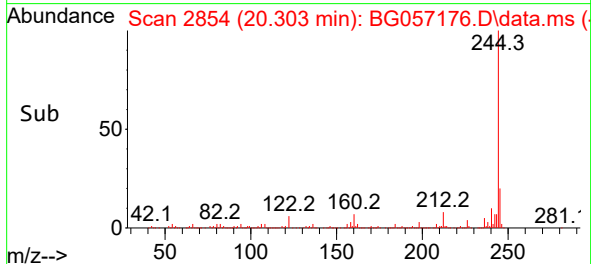
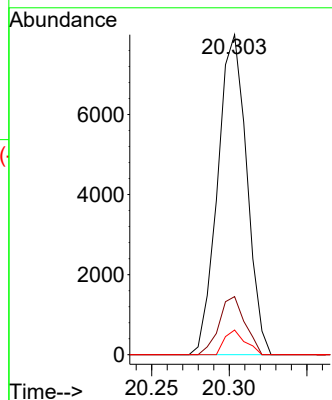
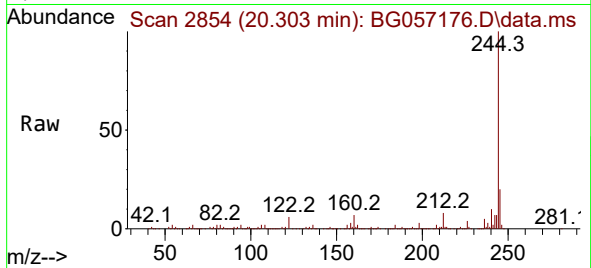




#77
Benzidine
Concen: 6.037 ng
RT: 20.303 min Scan# 2854
Delta R.T. 0.364 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

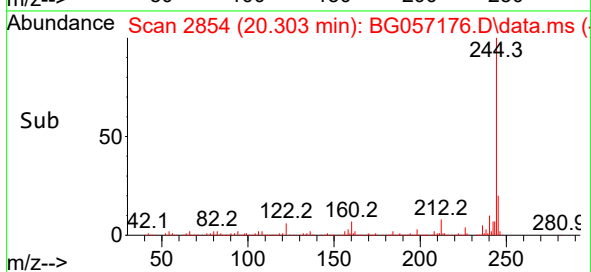
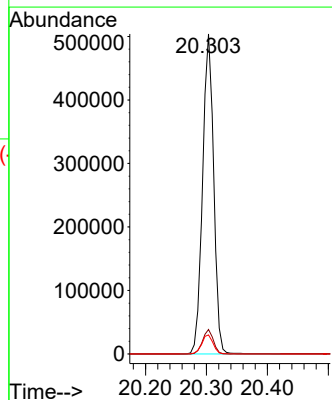
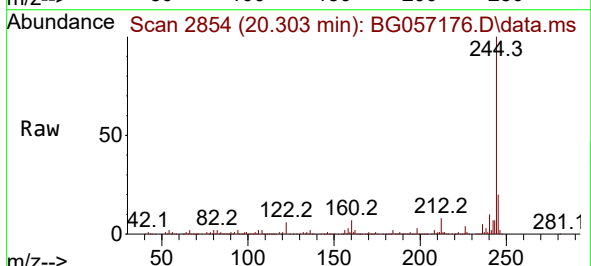
Instrument :
BNA_G
ClientSampleId :
EB-1

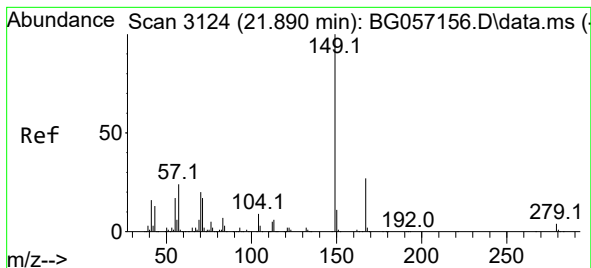
Tgt Ion:184 Resp: 10418
Ion Ratio Lower Upper
184 100
185 18.2 11.3 16.9#
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 97.363 ng
RT: 20.303 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:244 Resp: 637437
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 5.9 5.0 7.4

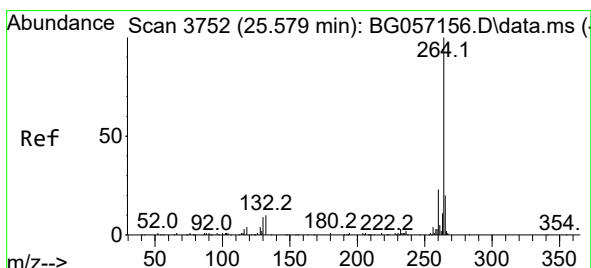
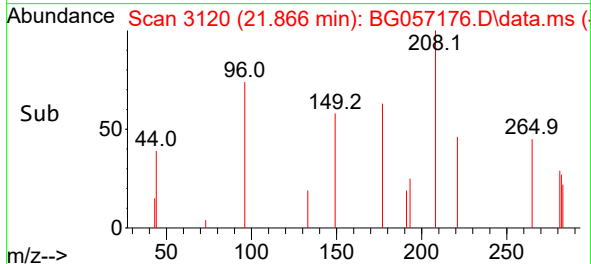
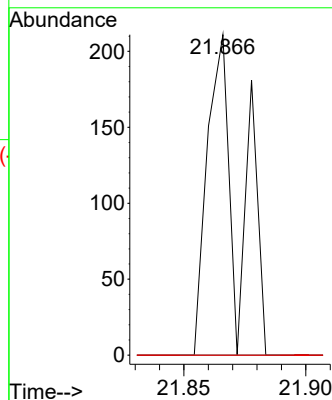
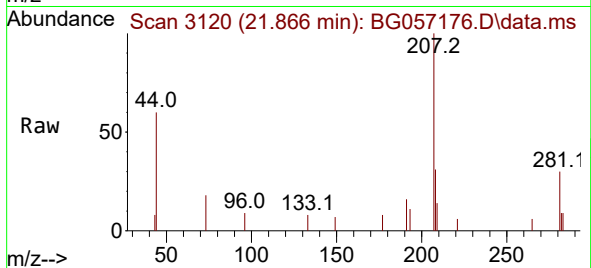




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.590 ng
RT: 21.866 min Scan# 3120
Delta R.T. -0.024 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Instrument :
BNA_G
ClientSampleId :
EB-1

Tgt Ion:149 Resp: 191
Ion Ratio Lower Upper
149 100
167 0.0 21.9 32.9#
279 0.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.555 min Scan# 3748
Delta R.T. -0.024 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:264 Resp: 104498
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 19.6 16.4 24.6

