

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057162.D
 Acq On : 24 Apr 2023 22:12
 Operator : CG/JU
 Sample : PB152347BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152347BL

Quant Time: Apr 25 05:19:31 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)

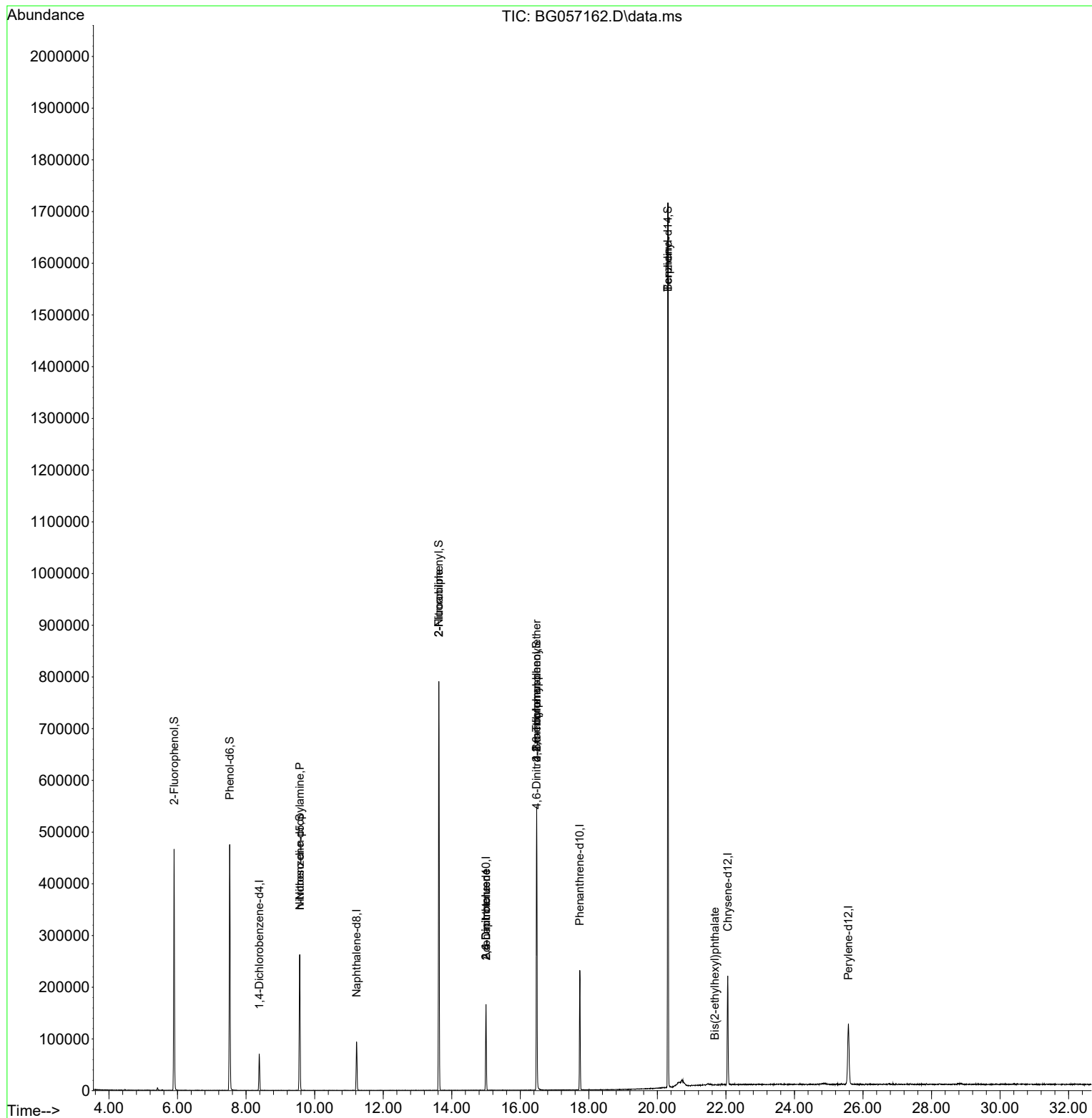
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	19545	20.000	ng	0.00
21) Naphthalene-d8	11.222	136	79481	20.000	ng	0.00
39) Acenaphthene-d10	14.999	164	58718	20.000	ng	0.00
64) Phenanthrene-d10	17.737	188	151687	20.000	ng	0.00
76) Chrysene-d12	22.054	240	141183	20.000	ng	0.00
86) Perylene-d12	25.573	264	144302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	190361	176.499	ng	0.00
7) Phenol-d6	7.521	99	263715	168.994	ng	0.00
23) Nitrobenzene-d5	9.565	82	170331	105.944	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	104480	134.859	ng	0.00
45) 2-Fluorobiphenyl	13.625	172	410061	93.853	ng	0.00
79) Terphenyl-d14	20.310	244	836604	103.647	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.565	70	22826	23.517	ng	# 84
48) 2-Nitroaniline	13.625	65	662	5.351	ng	# 1
51) 2,6-Dinitrotoluene	14.999	165	7315	8.504	ng	# 21
57) 2,4-Dinitrotoluene	14.999	165	7315	6.244	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.474	198	247	5.159	ng	# 8
67) 4-Bromophenyl-phenylether	16.480	248	7216	3.956	ng	# 1
77) Benzidine	20.310	184	13433	6.314	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.678	149	62	3.549	ng	# 53

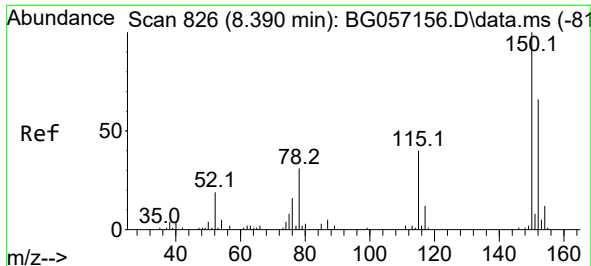
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
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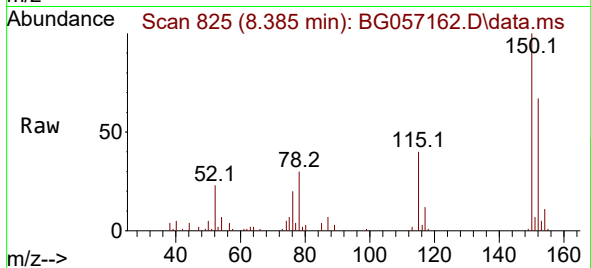
Quant Time: Apr 25 05:19:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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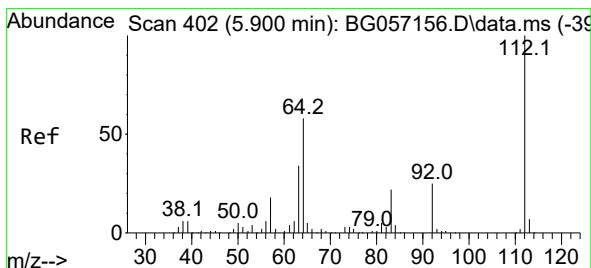
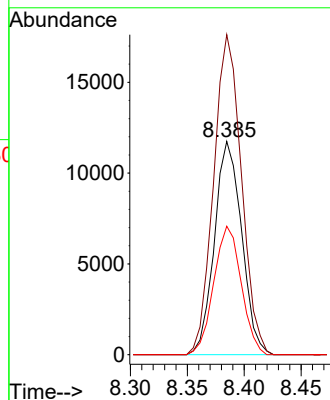
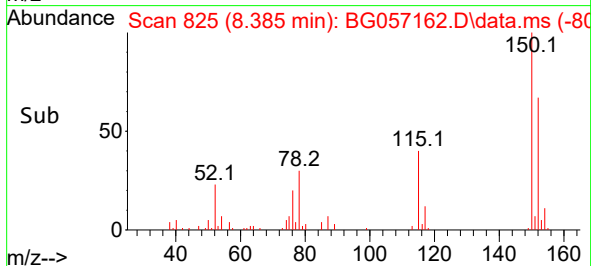


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.385 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

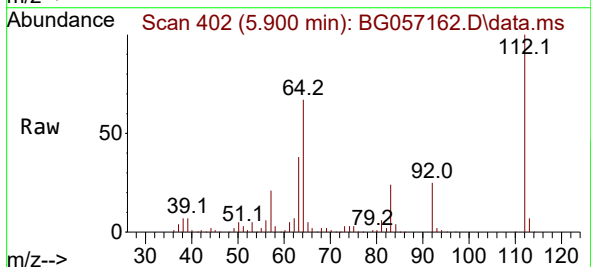
Instrument :
BNA_G
ClientSampleId :
PB152347BL



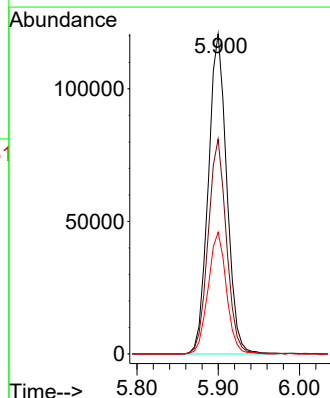
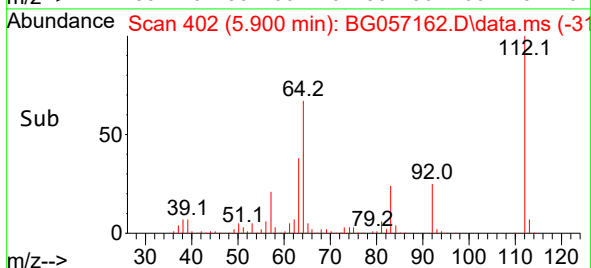
Tgt Ion:152 Resp: 19545
Ion Ratio Lower Upper
152 100
150 150.1 121.4 182.2
115 60.3 48.1 72.1

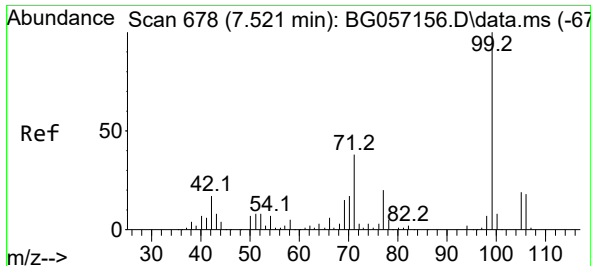


#5
2-Fluorophenol
Concen: 176.499 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12



Tgt Ion:112 Resp: 190361
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 38.0 26.9 40.3

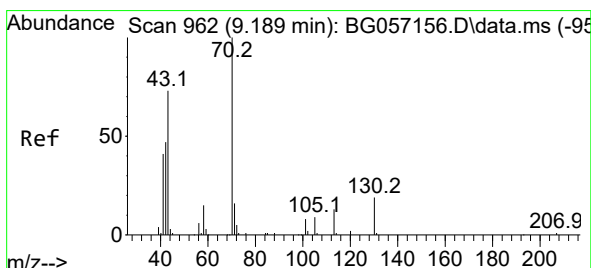
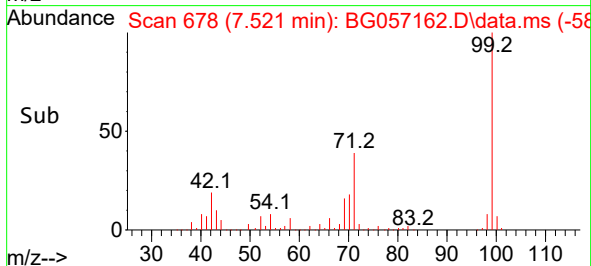
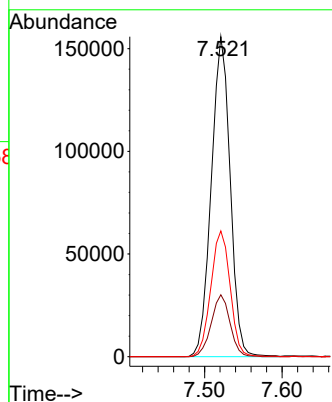
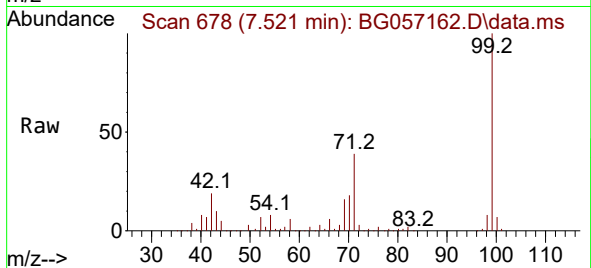




#7
Phenol-d6
Concen: 168.994 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

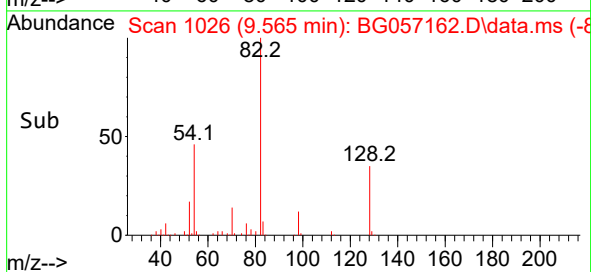
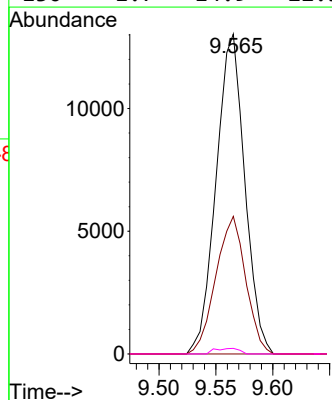
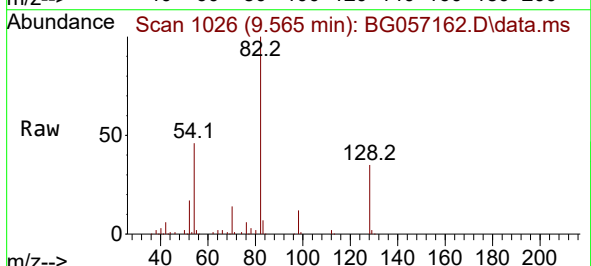
Instrument :
BNA_G
ClientSampleId :
PB152347BL

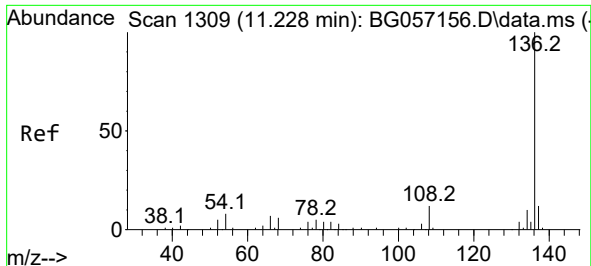
Tgt Ion: 99 Resp: 263715
Ion Ratio Lower Upper
99 100
42 19.4 13.4 20.0
71 39.3 30.2 45.2



#19
n-Nitroso-di-n-propylamine
Concen: 23.517 ng
RT: 9.565 min Scan# 1026
Delta R.T. 0.376 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

Tgt Ion: 70 Resp: 22826
Ion Ratio Lower Upper
70 100
42 43.0 38.0 57.0
101 0.0 6.6 9.8#
130 1.7 14.9 22.3#

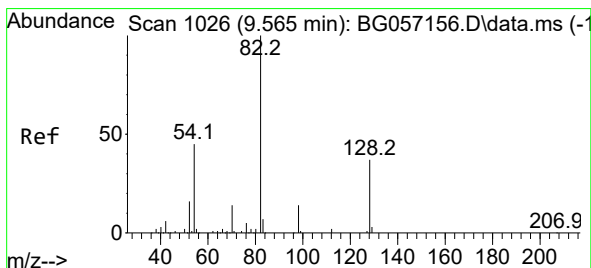
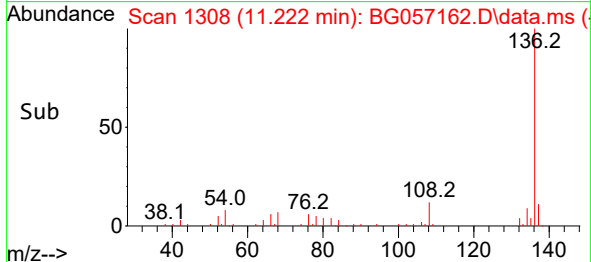
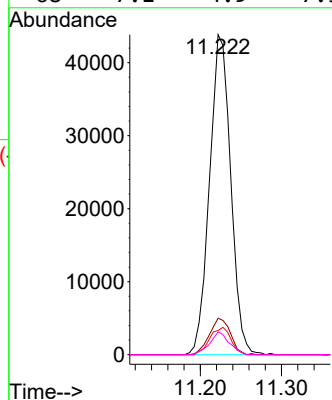
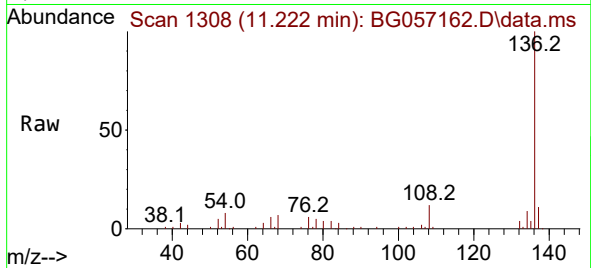




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

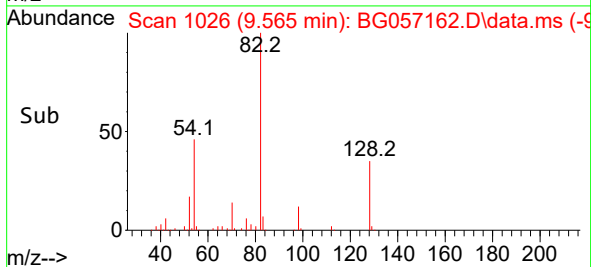
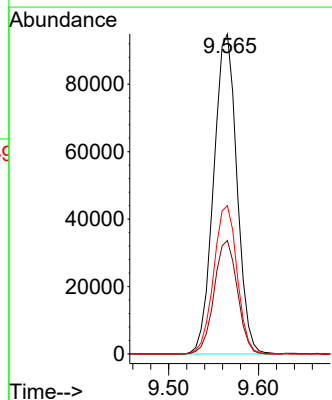
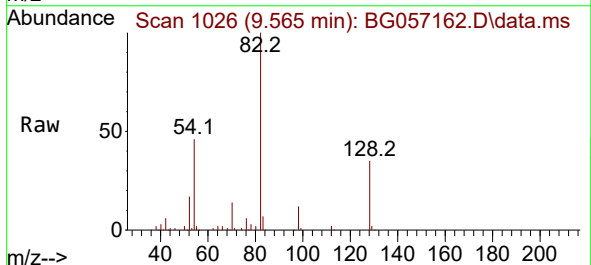
Instrument :
BNA_G
ClientSampleId :
PB152347BL

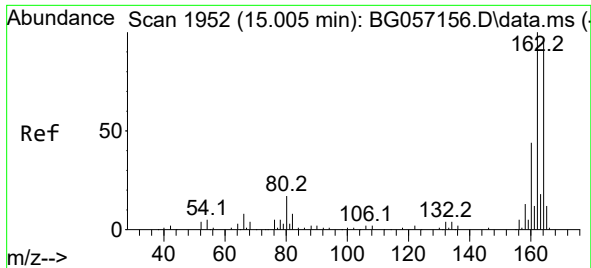
Tgt Ion:136	Resp:	79481
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.5 14.3
54	7.6	6.4 9.6
68	7.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 105.944 ng
RT: 9.565 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

Tgt Ion: 82	Resp:	170331
Ion	Ratio	Lower Upper
82	100	
128	35.5	29.4 44.2
54	46.4	36.2 54.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.999 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BG057162.D

Acq: 24 Apr 2023 22:12

Instrument :

BNA_G

ClientSampleId :

PB152347BL

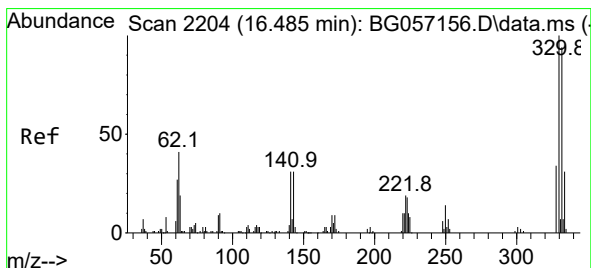
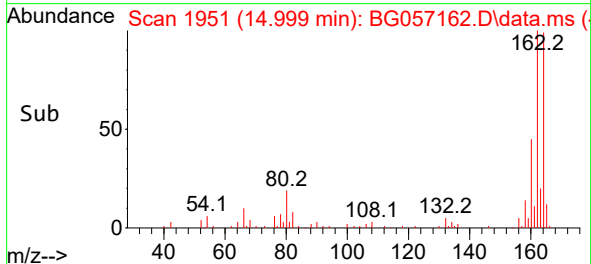
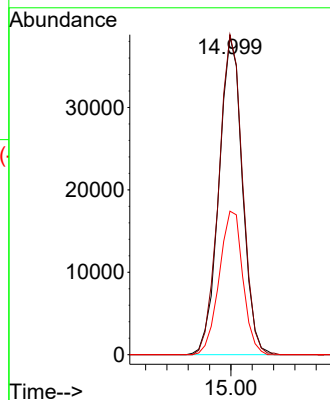
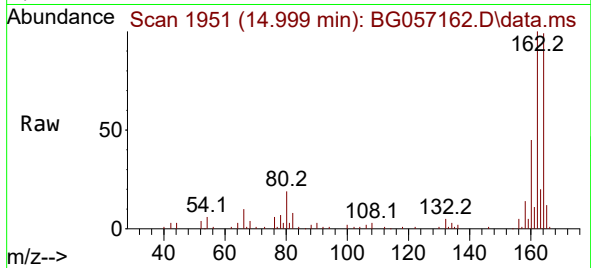
Tgt Ion:164 Resp: 58718

Ion Ratio Lower Upper

164 100

162 100.6 82.4 123.6

160 45.1 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 134.859 ng

RT: 16.480 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BG057162.D

Acq: 24 Apr 2023 22:12

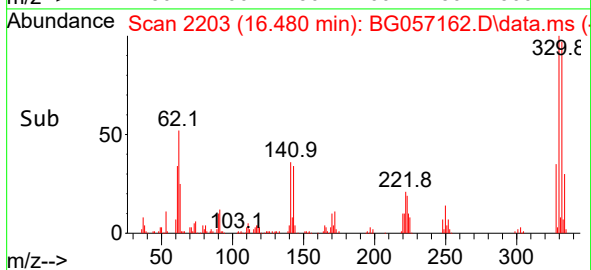
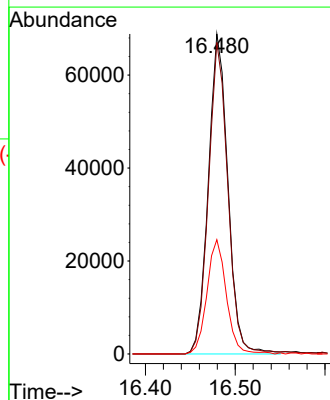
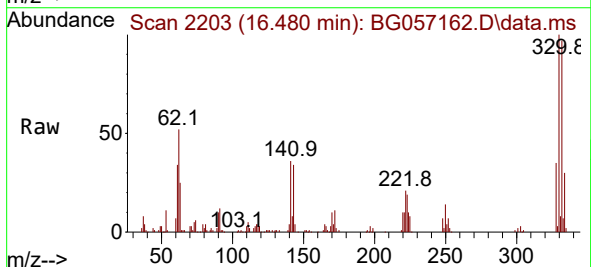
Tgt Ion:330 Resp: 104480

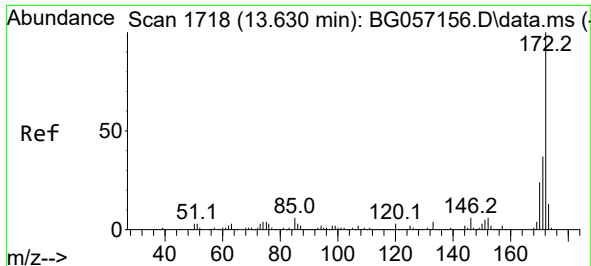
Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 35.3 26.0 39.0

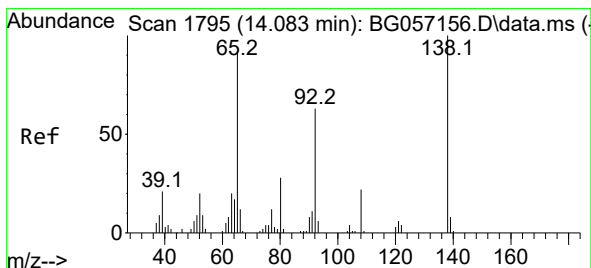
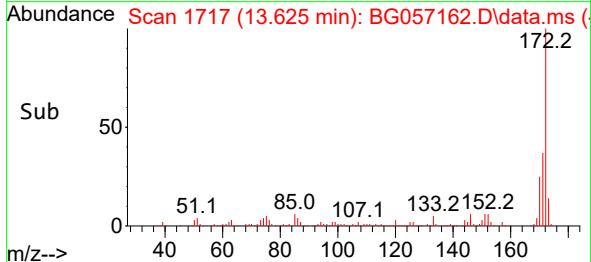
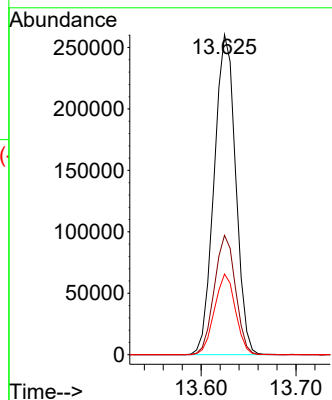
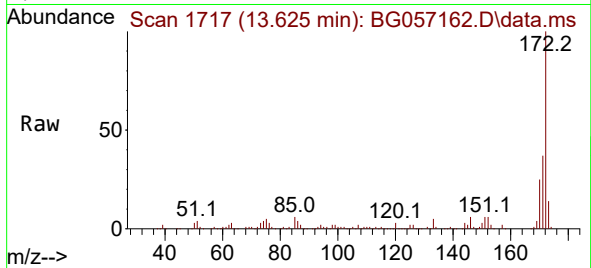




#45
2-Fluorobiphenyl
Concen: 93.853 ng
RT: 13.625 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

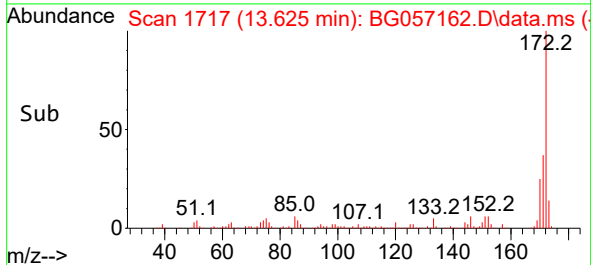
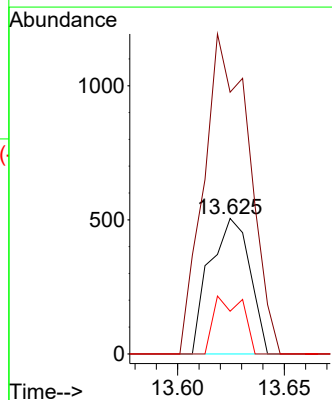
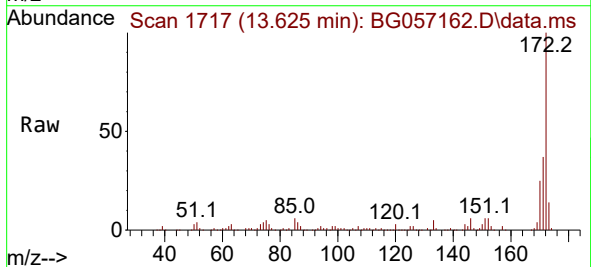
Instrument :
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ClientSampleId :
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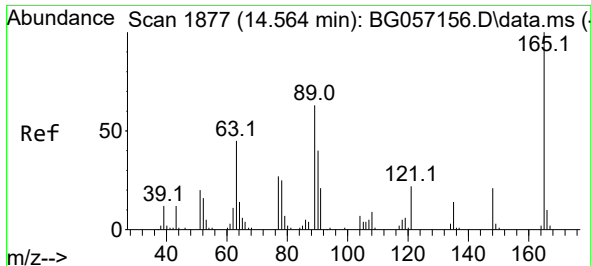
Tgt Ion:172 Resp: 410061
Ion Ratio Lower Upper
172 100
171 37.3 29.2 43.8
170 25.2 19.4 29.2



#48
2-Nitroaniline
Concen: 5.351 ng
RT: 13.625 min Scan# 1717
Delta R.T. -0.458 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

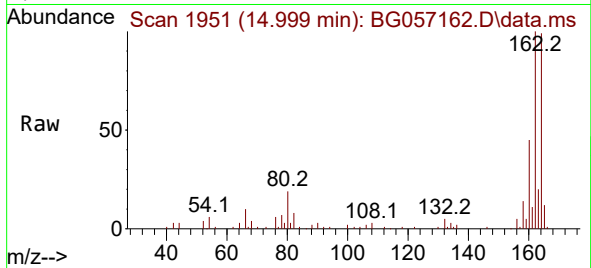
Tgt Ion: 65 Resp: 662
Ion Ratio Lower Upper
65 100
92 193.3 54.9 82.3#
138 31.5 86.6 129.8#



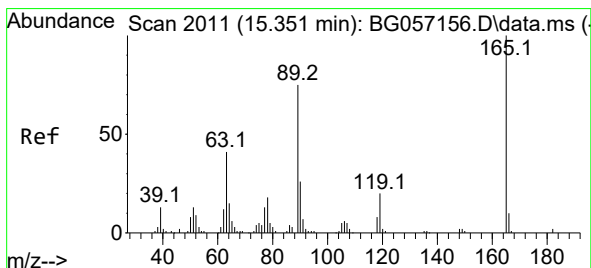
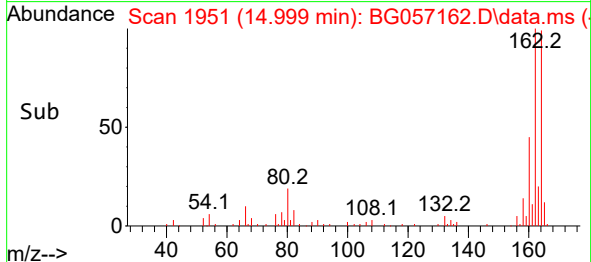
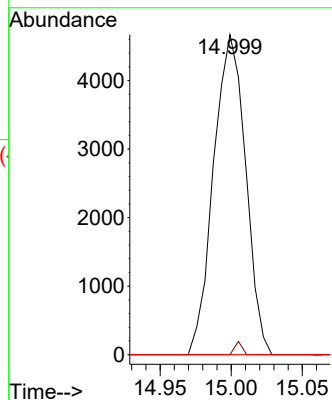


#51
2,6-Dinitrotoluene
Concen: 8.504 ng
RT: 14.999 min Scan# 1951
Delta R.T. 0.435 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

Instrument :
BNA_G
ClientSampleId :
PB152347BL

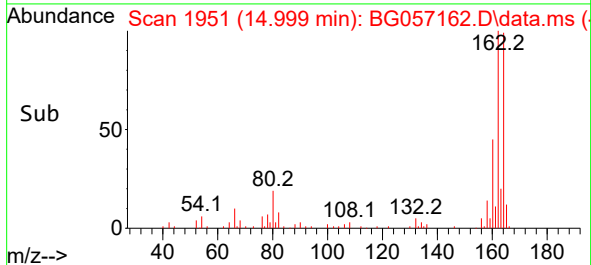
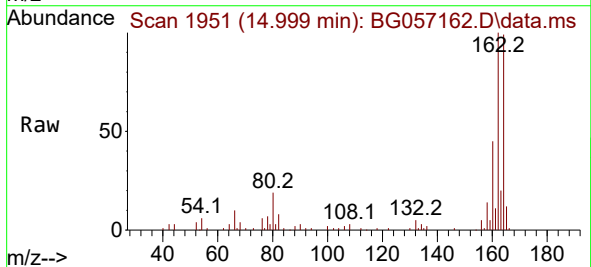
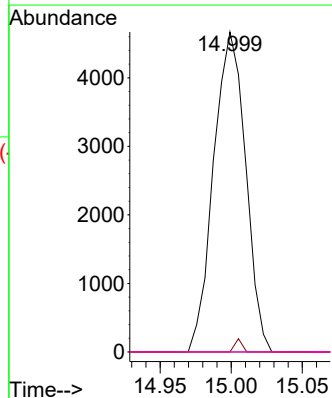


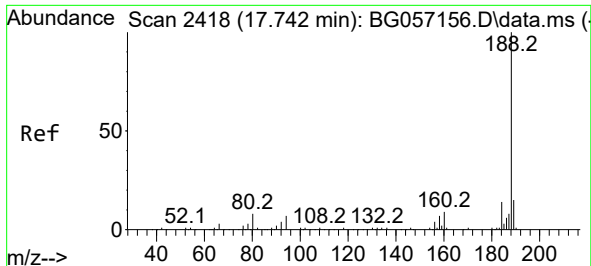
Tgt Ion:165 Resp: 7315
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#



#57
2,4-Dinitrotoluene
Concen: 6.244 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.352 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

Tgt Ion:165 Resp: 7315
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#

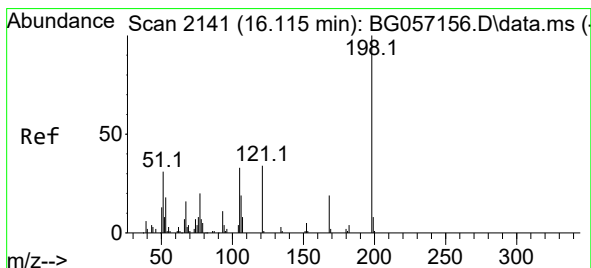
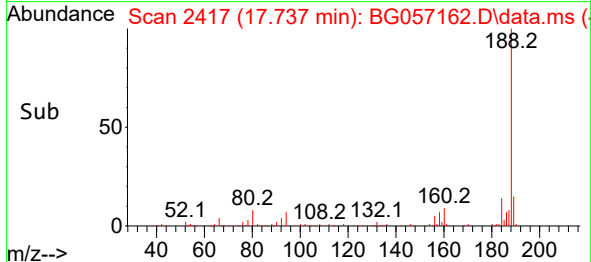
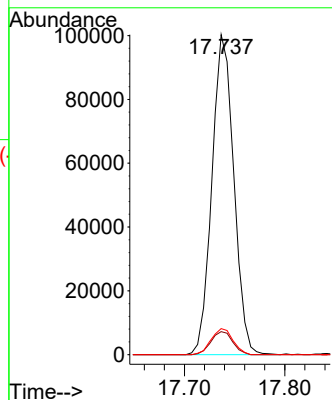
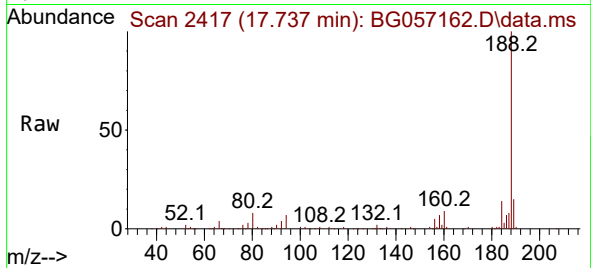




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.737 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

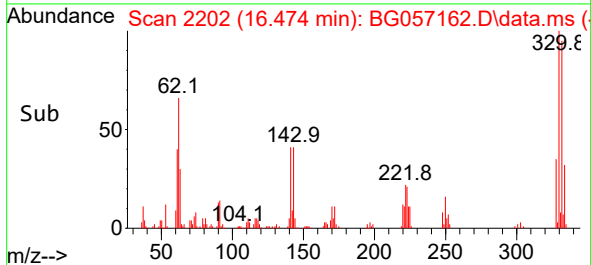
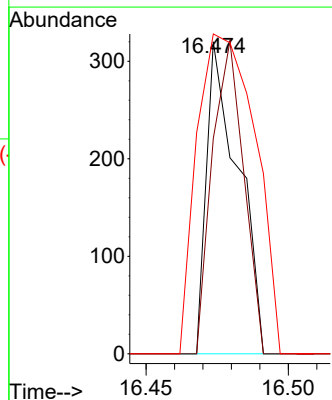
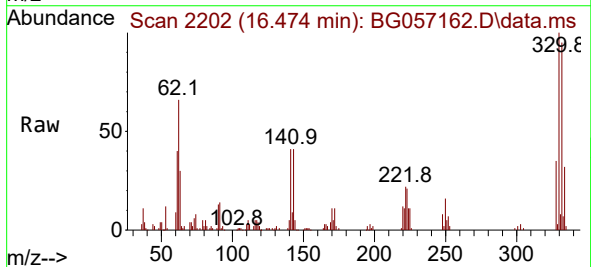
Instrument :
BNA_G
ClientSampleId :
PB152347BL

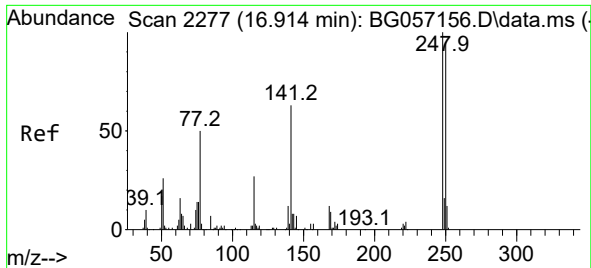
Tgt Ion:188 Resp: 151687
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.1 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.159 ng
RT: 16.474 min Scan# 2202
Delta R.T. 0.359 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

Tgt Ion:198 Resp: 247
Ion Ratio Lower Upper
198 100
51 69.1 13.1 53.1#
105 102.5 14.1 54.1#

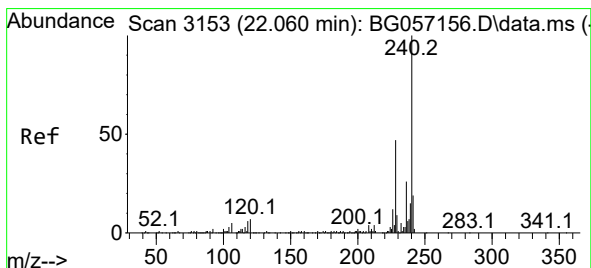
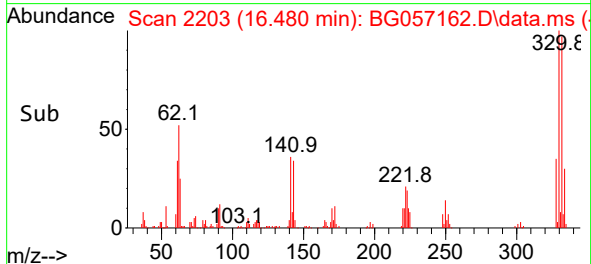
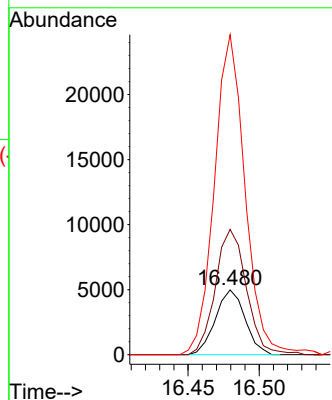
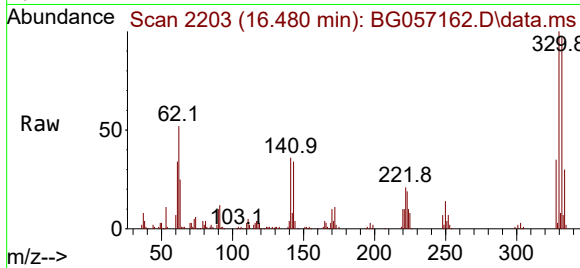




#67
4-Bromophenyl-phenylether
Concen: 3.956 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

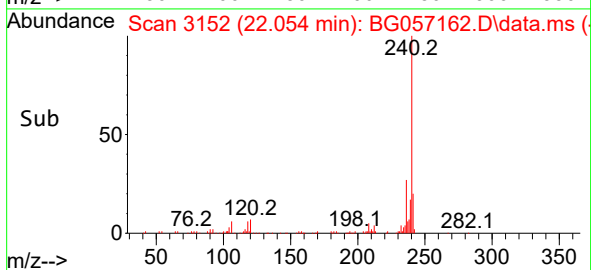
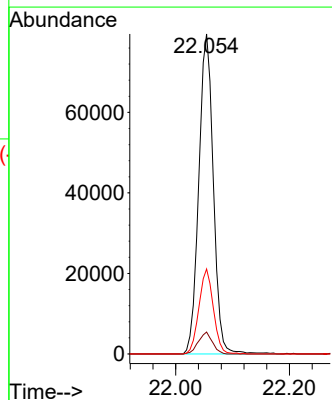
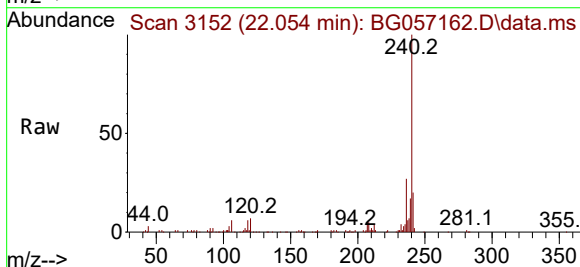
Instrument :
BNA_G
ClientSampleId :
PB152347BL

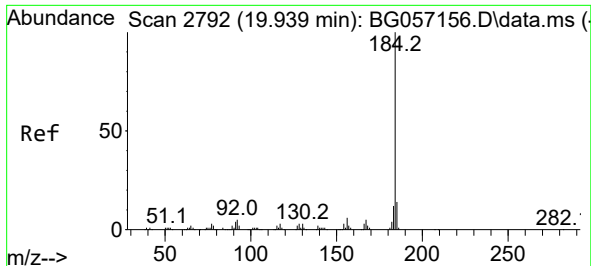
Tgt Ion:248 Resp: 7216
Ion Ratio Lower Upper
248 100
250 193.0 75.8 113.8#
141 493.3 50.1 75.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.054 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

Tgt Ion:240 Resp: 141183
Ion Ratio Lower Upper
240 100
120 6.9 5.5 8.3
236 26.6 20.8 31.2

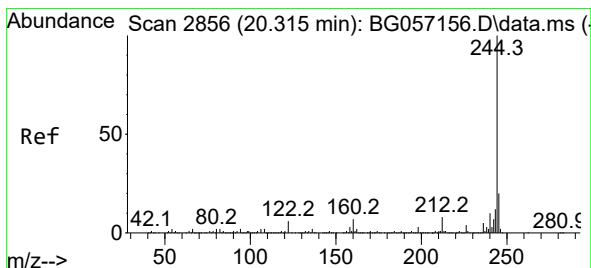
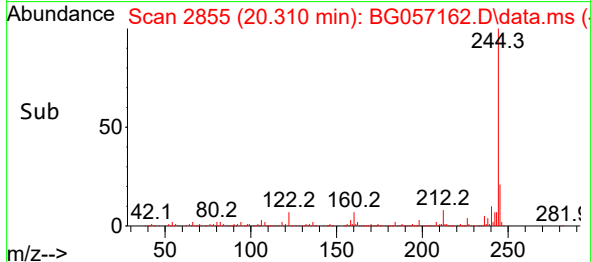
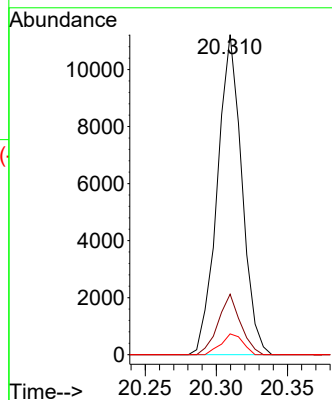
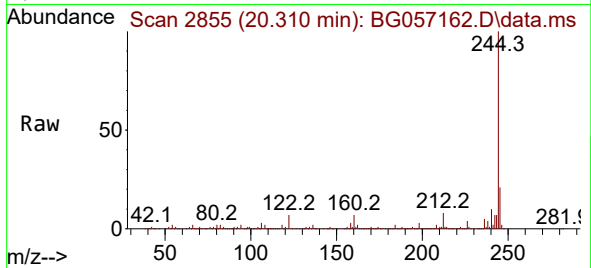




#77
Benzidine
Concen: 6.314 ng
RT: 20.310 min Scan# 2855
Delta R.T. 0.370 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

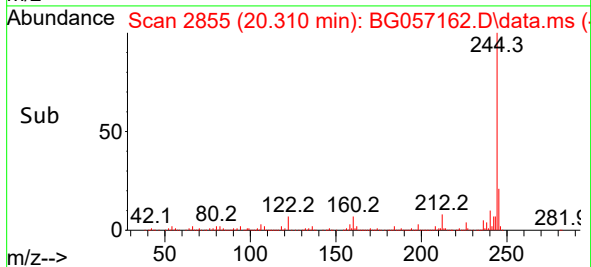
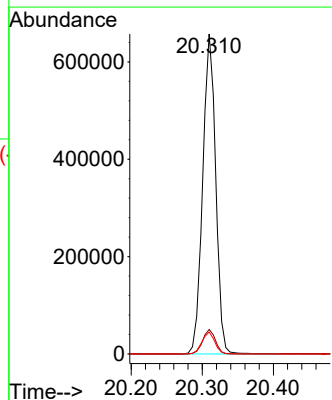
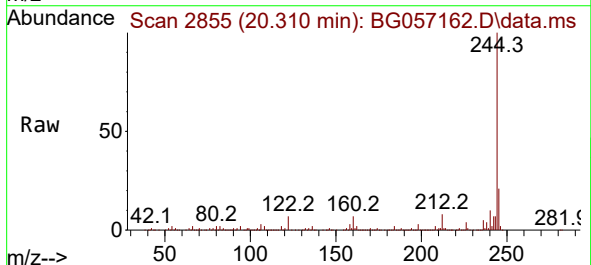
Instrument :
BNA_G
ClientSampleId :
PB152347BL

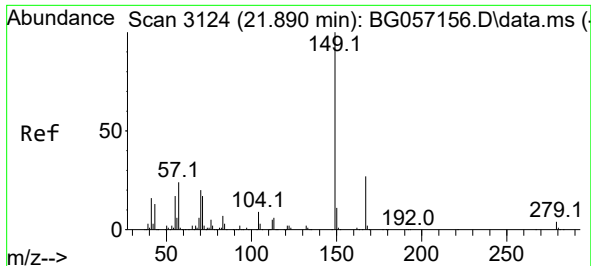
Tgt Ion:184 Resp: 13433
Ion Ratio Lower Upper
184 100
185 18.9 11.3 16.9#
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 103.647 ng
RT: 20.310 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG057162.D
Acq: 24 Apr 2023 22:12

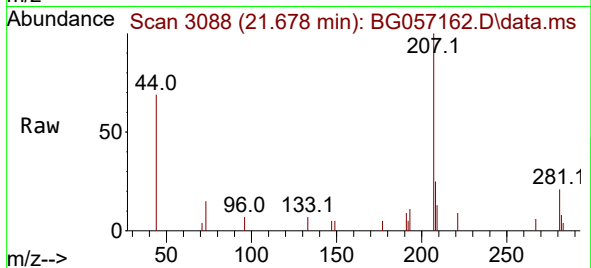
Tgt Ion:244 Resp: 836604
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 6.8 5.0 7.4



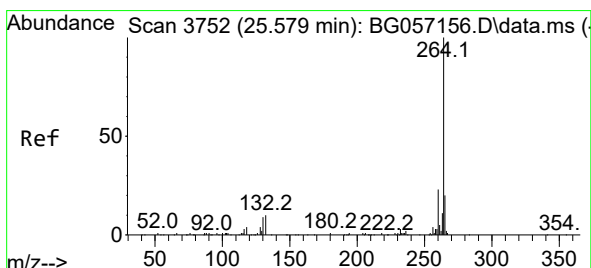
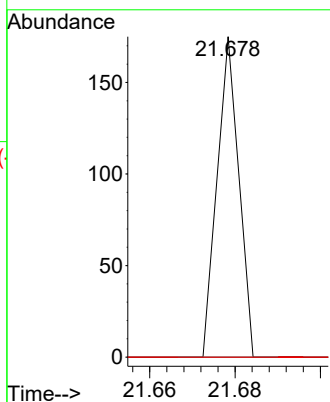
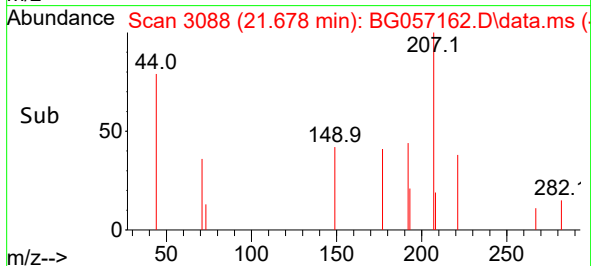


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.549 ng
 RT: 21.678 min Scan# 3088
 Delta R.T. -0.212 min
 Lab File: BG057162.D
 Acq: 24 Apr 2023 22:12

Instrument :
 BNA_G
 ClientSampleId :
 PB152347BL



Tgt Ion:149 Resp: 62
 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: 25.573 min Scan# 3751
 Delta R.T. -0.006 min
 Lab File: BG057162.D
 Acq: 24 Apr 2023 22:12

Tgt Ion:264 Resp: 144302
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 23.4 16.4 24.6

