

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057178.D
 Acq On : 25 Apr 2023 16:01
 Operator : CG/JU
 Sample : 02390-12RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 00:23:10 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

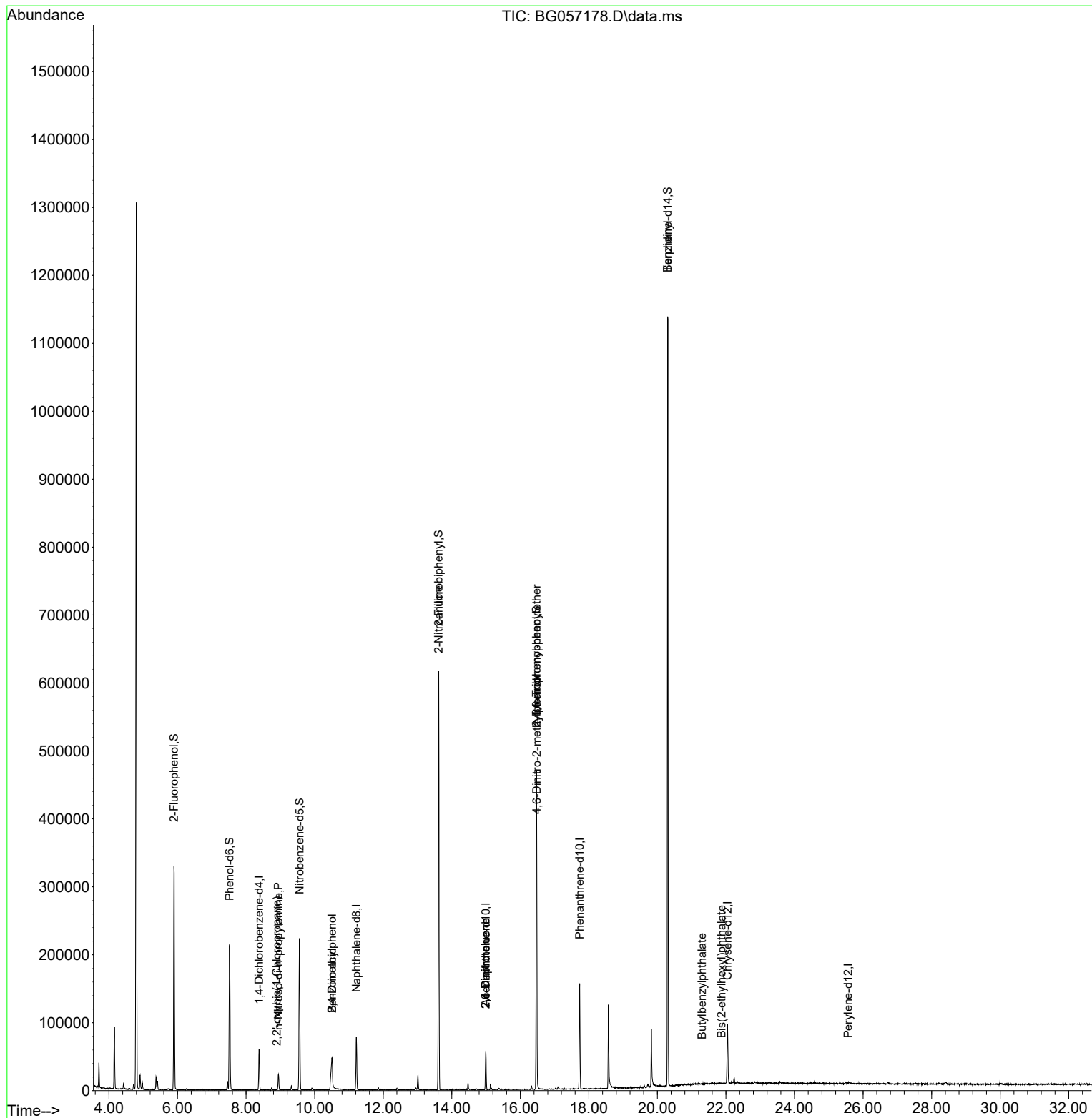
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.380	152	16355	20.000	ng	0.00
21) Naphthalene-d8	11.217	136	62020	20.000	ng	-0.01
39) Acenaphthene-d10	14.995	164	15972	20.000	ng	#-0.01
64) Phenanthrene-d10	17.732	188	91575	20.000	ng	0.00
76) Chrysene-d12	22.044	240	41062	20.000	ng	#-0.02
86) Perylene-d12	25.563	264	933	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.895	112	134956	149.535	ng	0.00
7) Phenol-d6	7.517	99	97588	74.734	ng	0.00
23) Nitrobenzene-d5	9.561	82	140737	112.182	ng	0.00
42) 2,4,6-Tribromophenol	16.475	330	89337	423.927	ng	-0.01
45) 2-Fluorobiphenyl	13.620	172	314830	264.904	ng	-0.01
79) Terphenyl-d14	20.299	244	537682	229.036	ng	-0.02
Target Compounds						
16) 2,2'-oxybis(1-Chloropr...	8.891	45	351	5.677	ng	Qvalue 61
19) n-Nitroso-di-n-propyla...	8.944	70	2502	3.081	ng	# 48
27) 2,4-Dimethylphenol	10.507	122	28915	31.970	ng	# 1
32) Benzoic acid	10.507	122	28915	65.573	ng	94
48) 2-Nitroaniline	13.614	65	459	6.474	ng	# 1
51) 2,6-Dinitrotoluene	14.989	165	2088	8.924	ng	# 21
57) 2,4-Dinitrotoluene	14.989	165	2088	6.553	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.481	198	249	5.348	ng	# 15
67) 4-Bromophenyl-phenylether	16.475	248	6175	5.607	ng	# 1
77) Benzidine	20.299	184	9363	15.132	ng	96
80) Butylbenzylphthalate	21.304	149	55	3.285	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.874	149	382	3.842	ng	# 53

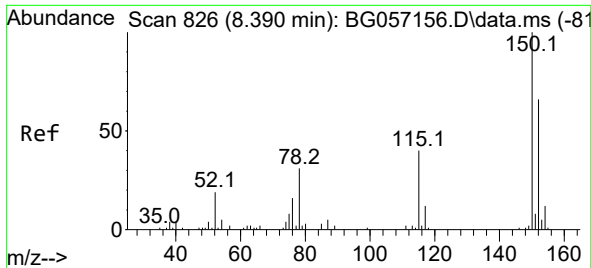
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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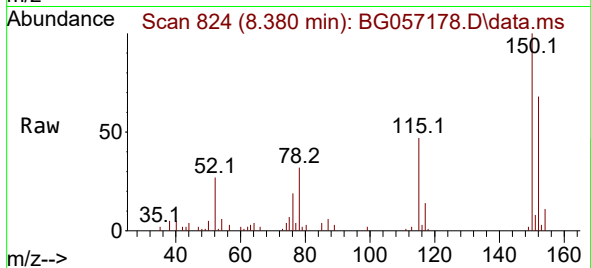
Quant Time: Apr 26 00:23:10 2023
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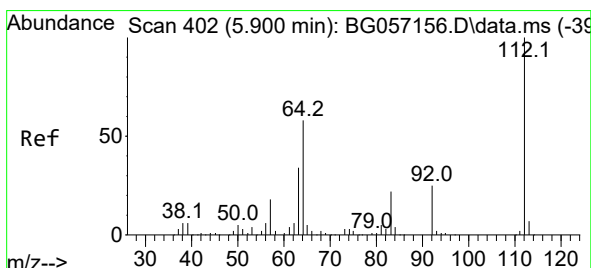
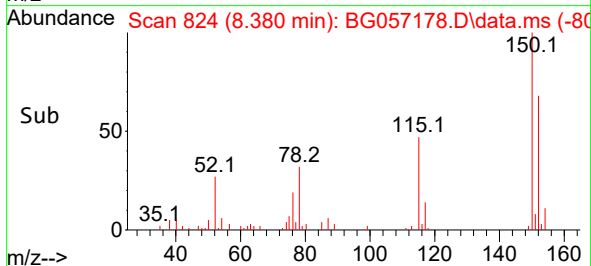
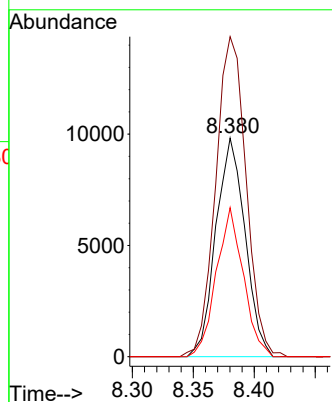


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.380 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Instrument :
BNA_G
ClientSampleId :

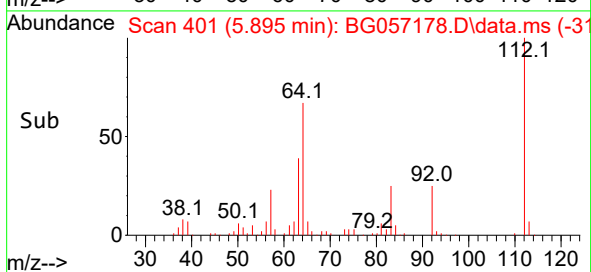
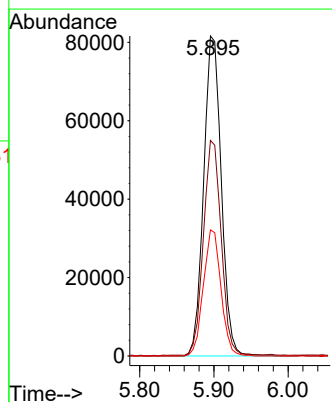
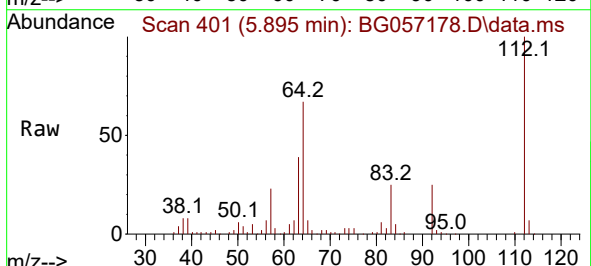


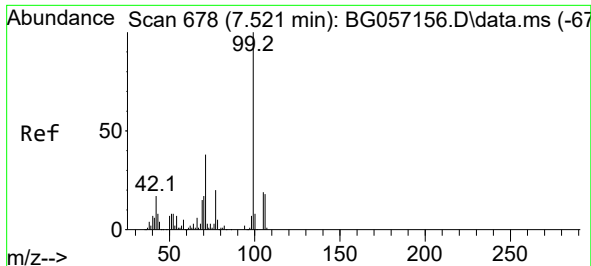
Tgt Ion:152 Resp: 16355
Ion Ratio Lower Upper
152 100
150 146.5 121.4 182.2
115 68.2 48.1 72.1



#5
2-Fluorophenol
Concen: 149.535 ng
RT: 5.895 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Tgt Ion:112 Resp: 134956
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 39.4 26.9 40.3

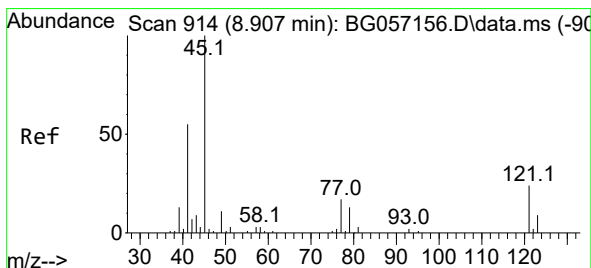
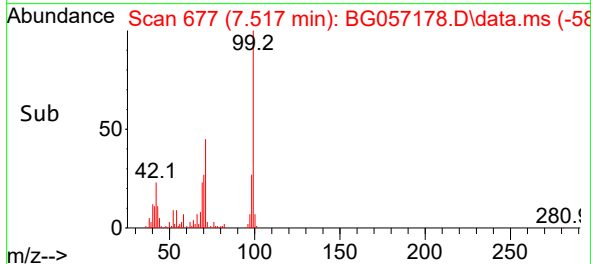
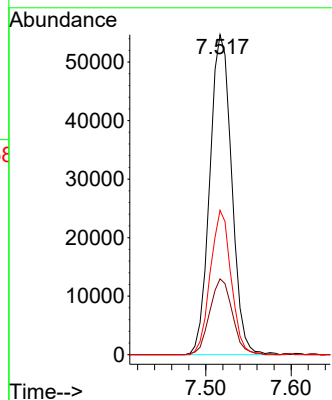
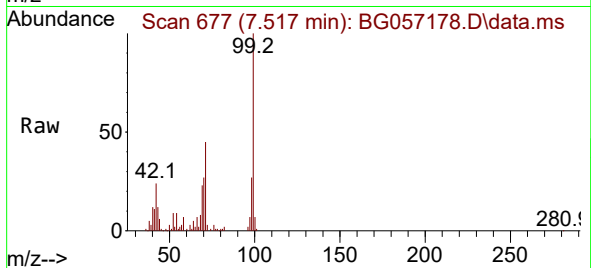




#7
Phenol-d6
Concen: 74.734 ng
RT: 7.517 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

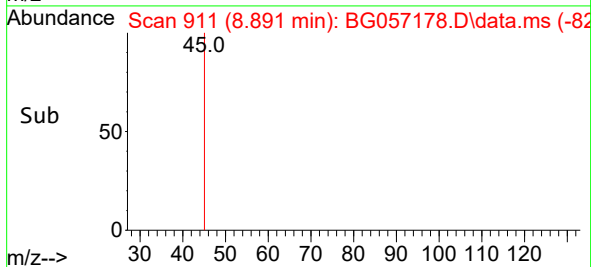
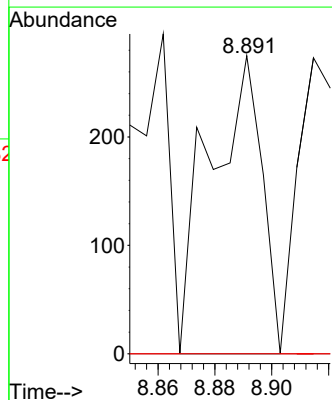
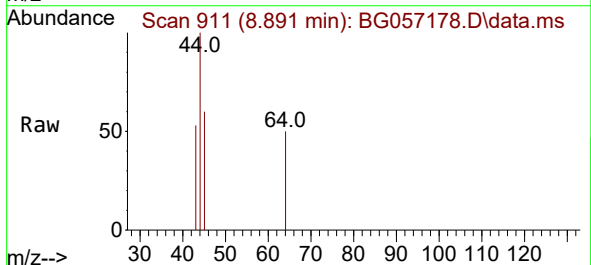
Instrument :
BNA_G
ClientSampleId :

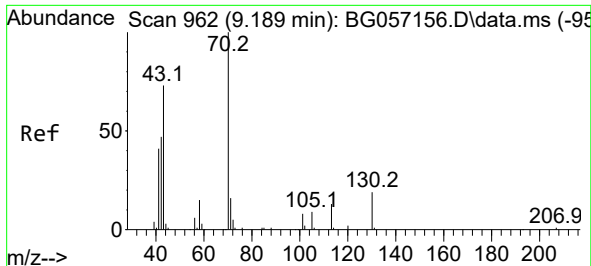
Tgt Ion: 99 Resp: 97588
Ion Ratio Lower Upper
99 100
42 23.7 13.4 20.0#
71 45.1 30.2 45.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.677 ng
RT: 8.891 min Scan# 911
Delta R.T. -0.016 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

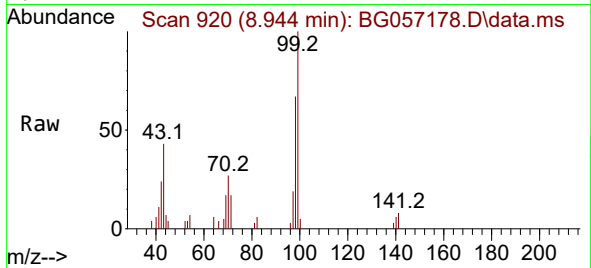
Tgt Ion: 45 Resp: 351
Ion Ratio Lower Upper
45 100
77 0.0 0.0 38.7
79 0.0 0.0 34.9



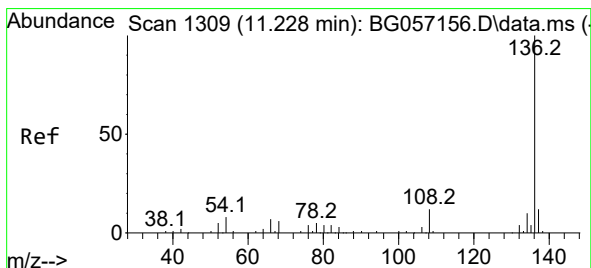
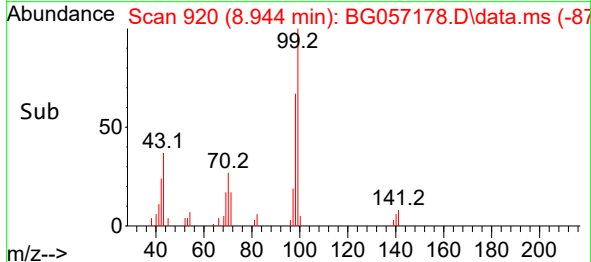
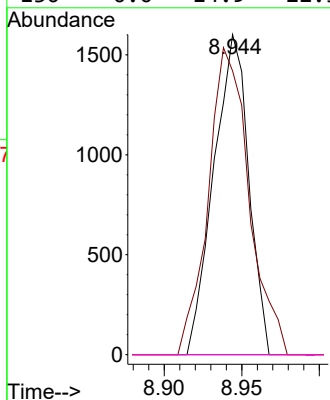


#19
n-Nitroso-di-n-propylamine
Concen: 3.081 ng
RT: 8.944 min Scan# 91
Delta R.T. -0.245 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Instrument :
BNA_G
ClientSampleId :

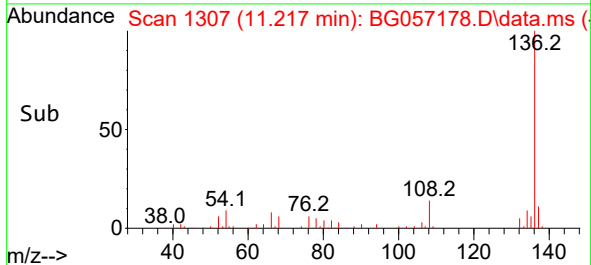
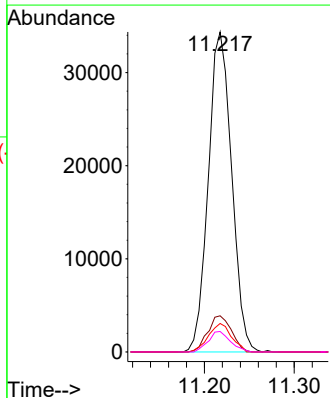
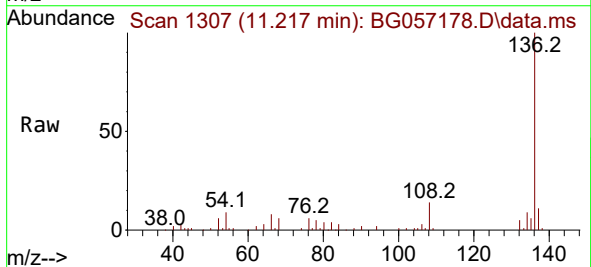


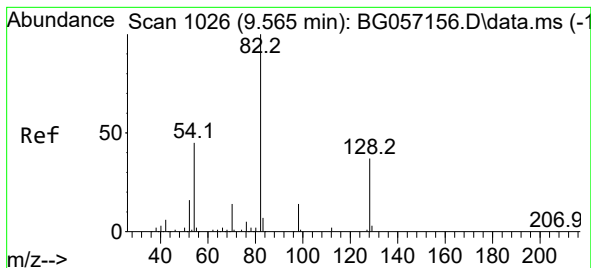
Tgt Ion: 70 Resp: 2502
Ion Ratio Lower Upper
70 100
42 88.6 38.0 57.0#
101 0.0 6.6 9.8#
130 0.0 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.217 min Scan# 1307
Delta R.T. -0.010 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Tgt Ion: 136 Resp: 62020
Ion Ratio Lower Upper
136 100
137 11.3 9.5 14.3
54 8.9 6.4 9.6
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 112.182 ng

RT: 9.561 min Scan# 1186

Delta R.T. -0.004 min

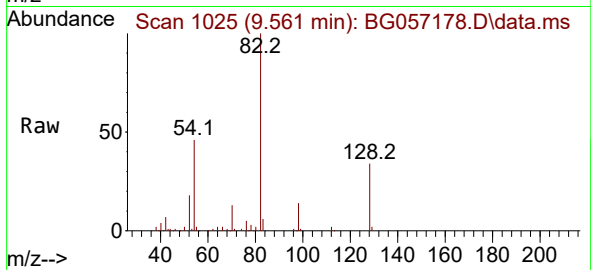
Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

Instrument :

BNA_G

ClientSampleId :



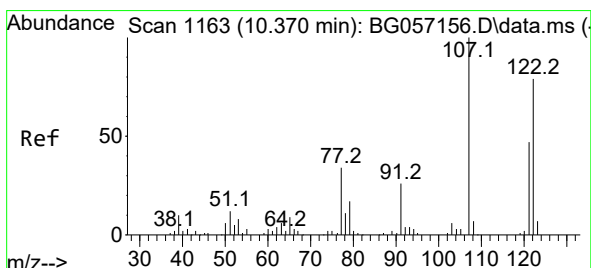
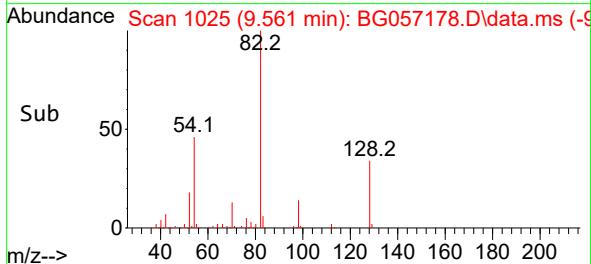
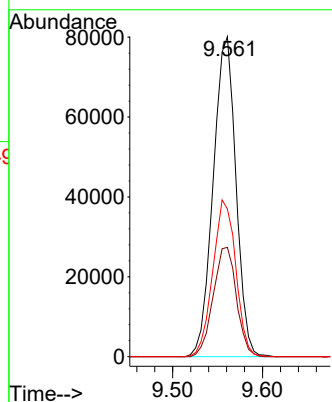
Tgt Ion: 82 Resp: 140737

Ion Ratio Lower Upper

82 100

128 34.2 29.4 44.2

54 46.1 36.2 54.2



#27

2,4-Dimethylphenol

Concen: 31.970 ng

RT: 10.507 min Scan# 1186

Delta R.T. 0.137 min

Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

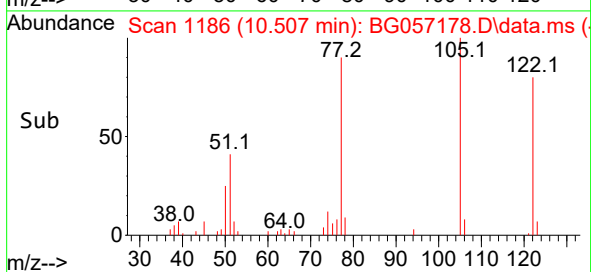
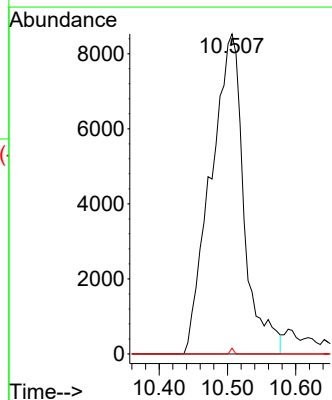
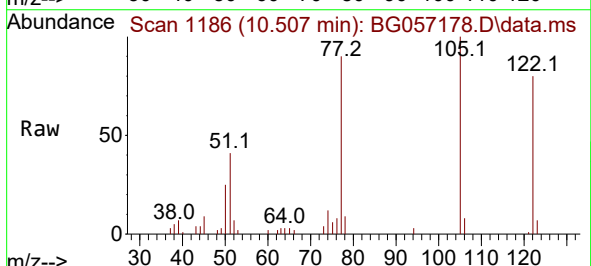
Tgt Ion:122 Resp: 28915

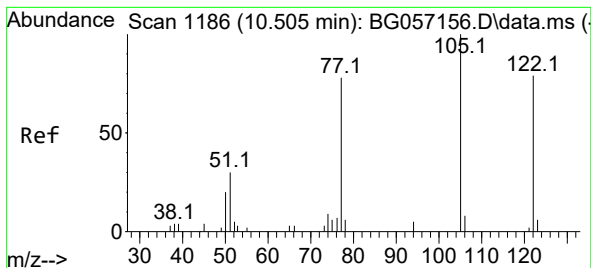
Ion Ratio Lower Upper

122 100

107 0.0 101.5 152.3#

121 1.8 48.0 72.0#





#32

Benzoic acid

Concen: 65.573 ng

RT: 10.507 min Scan# 1186

Delta R.T. 0.002 min

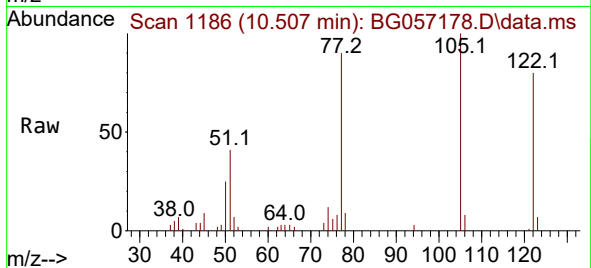
Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

Instrument :

BNA_G

ClientSampleId :



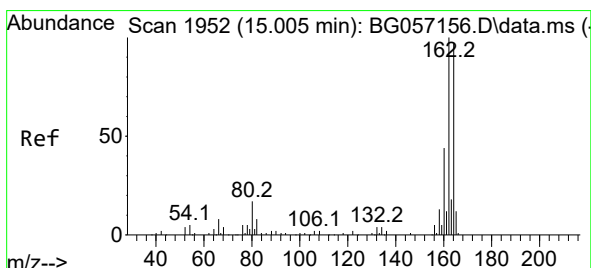
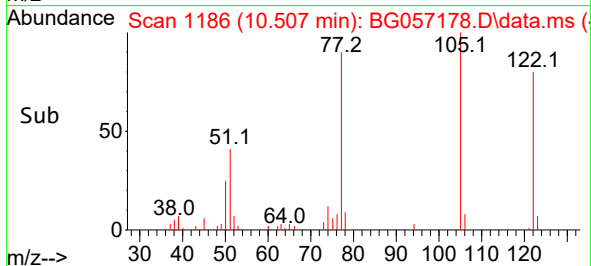
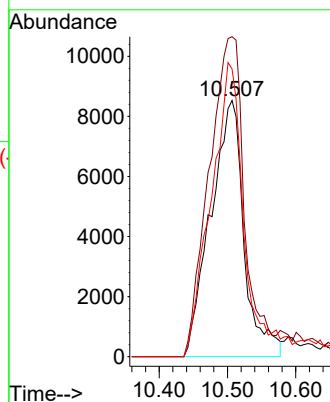
Tgt Ion:122 Resp: 28915

Ion Ratio Lower Upper

122 100

105 125.0 104.3 144.3

77 112.4 79.5 119.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.995 min Scan# 1950

Delta R.T. -0.010 min

Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

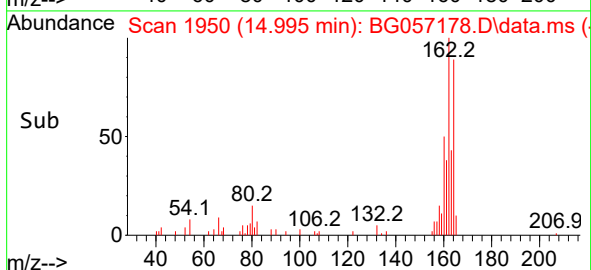
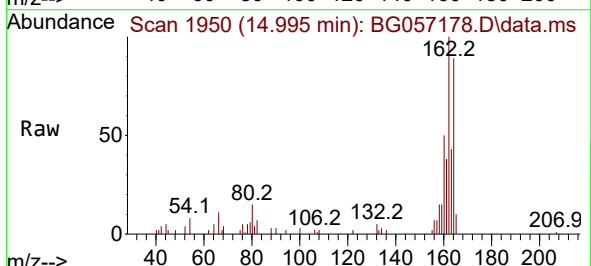
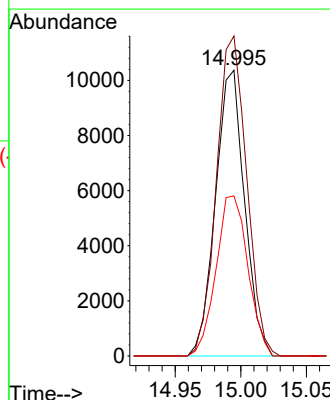
Tgt Ion:164 Resp: 15972

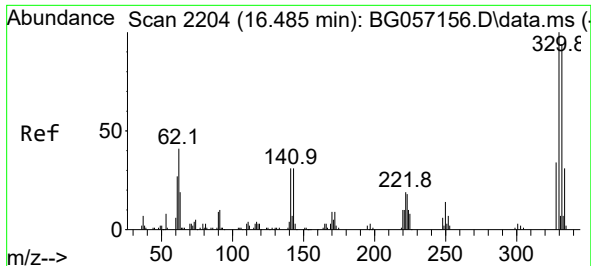
Ion Ratio Lower Upper

164 100

162 112.0 82.4 123.6

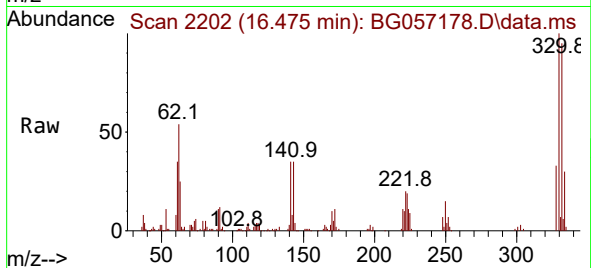
160 56.0 36.2 54.2#



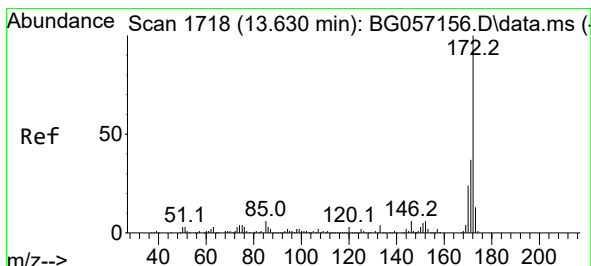
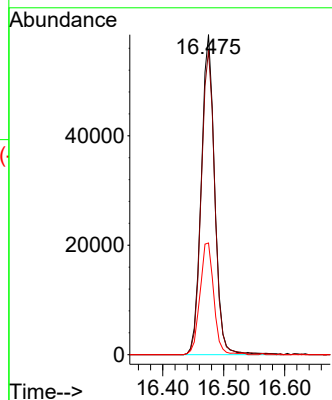
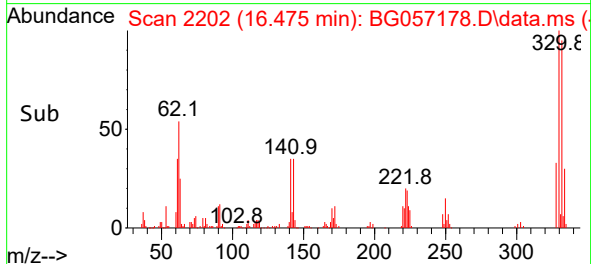


#42
2,4,6-Tribromophenol
Concen: 423.927 ng
RT: 16.475 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

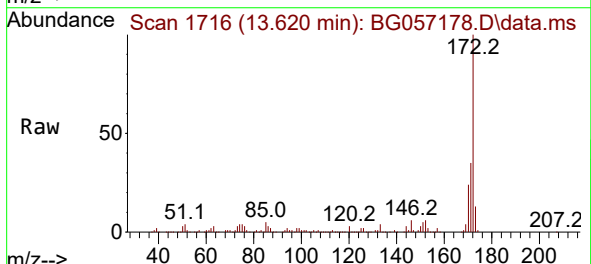
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BNA_G
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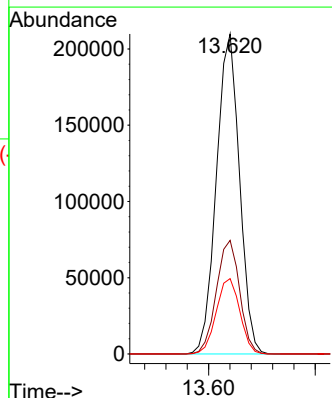
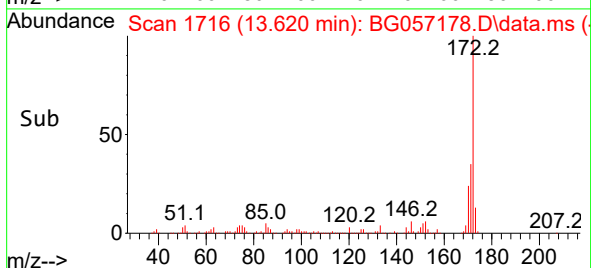
Tgt Ion:330 Resp: 89337
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 35.9 26.0 39.0

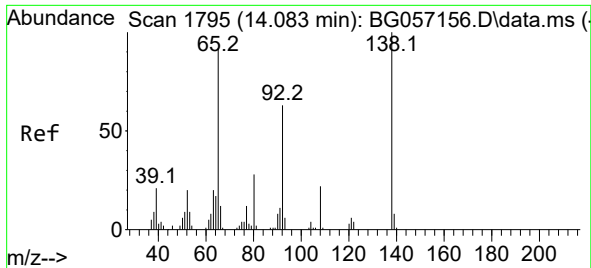


#45
2-Fluorobiphenyl
Concen: 264.904 ng
RT: 13.620 min Scan# 1716
Delta R.T. -0.010 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01



Tgt Ion:172 Resp: 314830
Ion Ratio Lower Upper
172 100
171 35.5 29.2 43.8
170 23.5 19.4 29.2

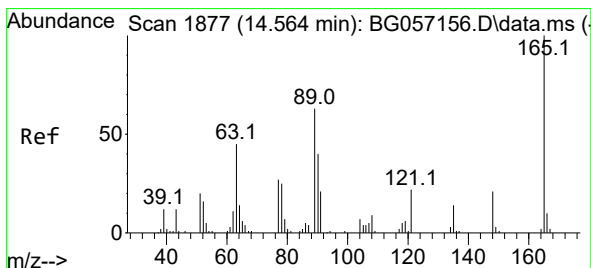
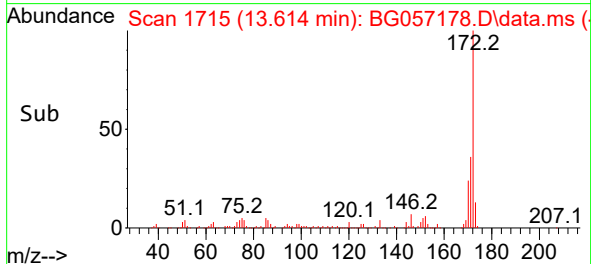
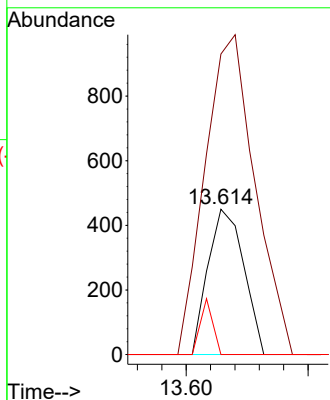
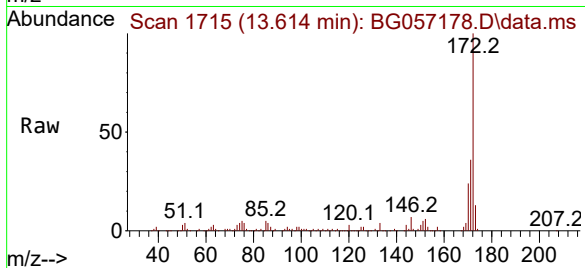




#48
2-Nitroaniline
Concen: 6.474 ng
RT: 13.614 min Scan# 11
Delta R.T. -0.469 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

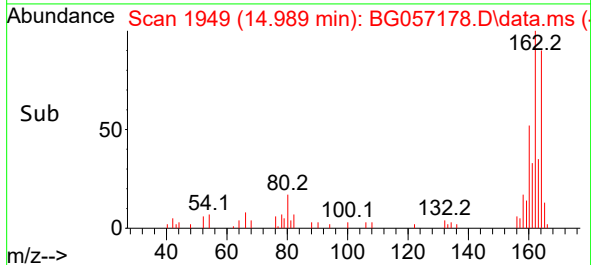
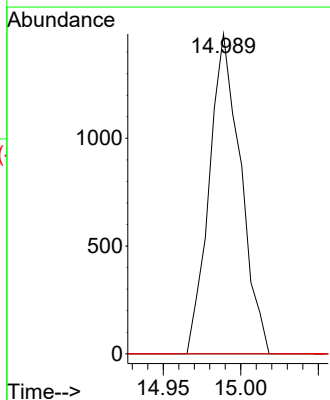
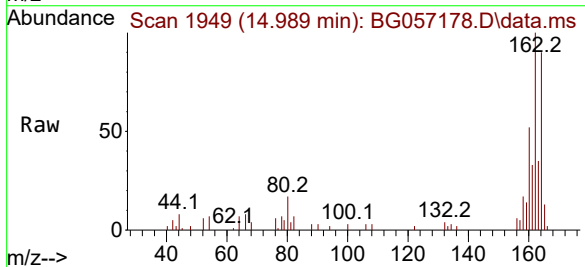
Instrument :
BNA_G
ClientSampleId :

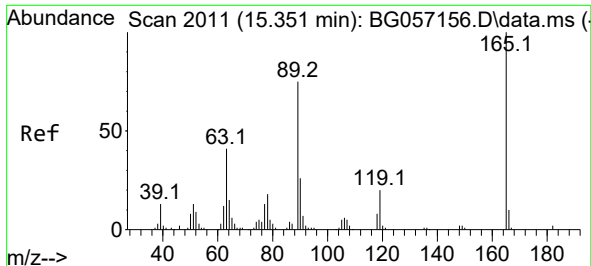
Tgt Ion: 65 Resp: 459
Ion Ratio Lower Upper
65 100
92 206.7 54.9 82.3#
138 0.0 86.6 129.8#



#51
2,6-Dinitrotoluene
Concen: 8.924 ng
RT: 14.989 min Scan# 1949
Delta R.T. 0.425 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Tgt Ion: 165 Resp: 2088
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: 6.553 ng

RT: 14.989 min Scan# 1949

Delta R.T. -0.362 min

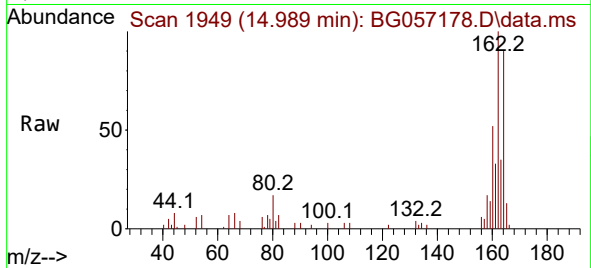
Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 2088

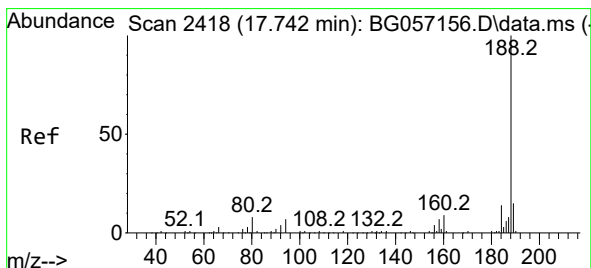
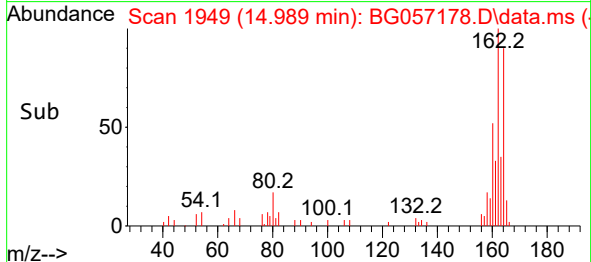
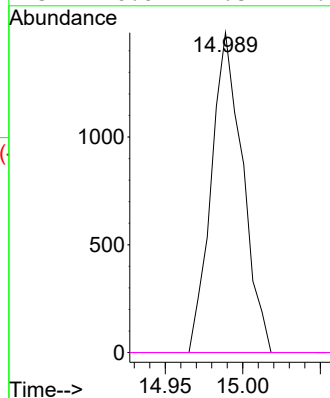
Ion Ratio Lower Upper

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: 17.732 min Scan# 2416

Delta R.T. -0.010 min

Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

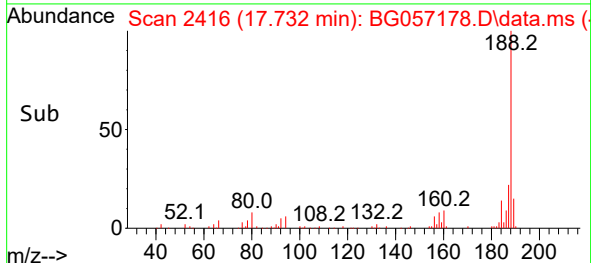
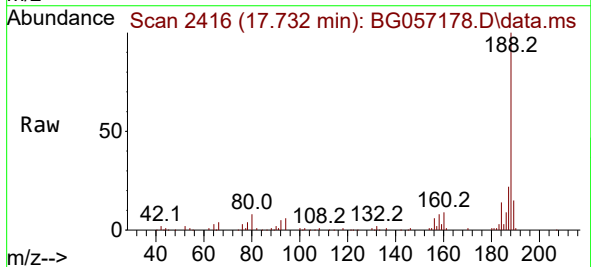
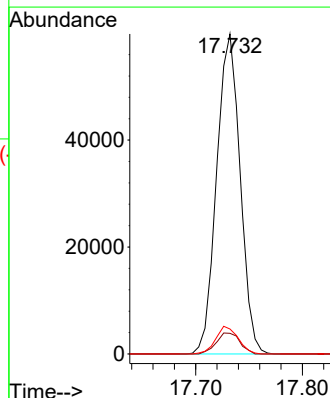
Tgt Ion:188 Resp: 91575

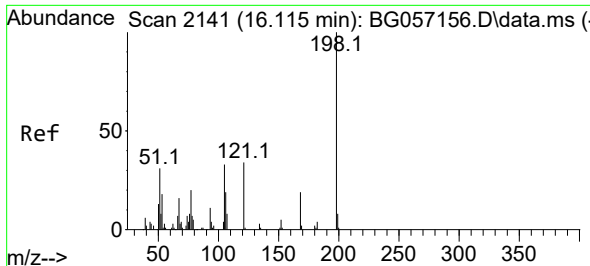
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.8 6.2 9.2

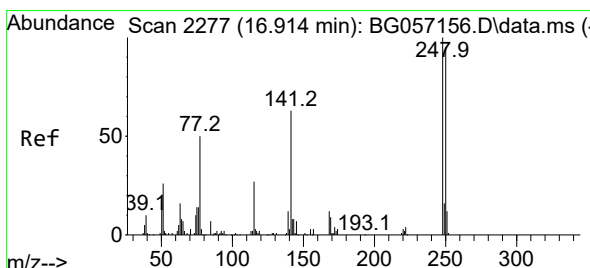
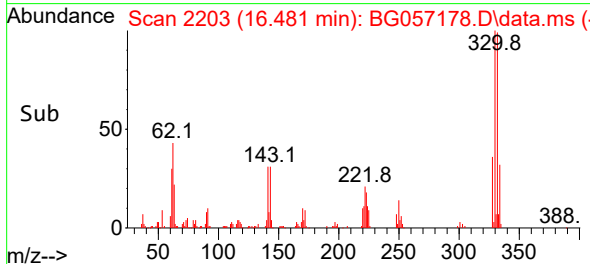
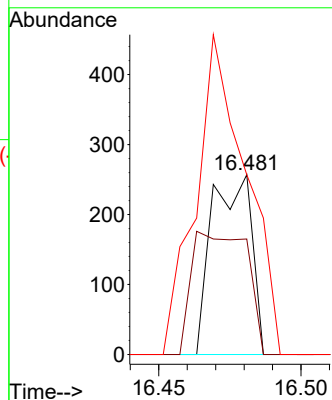
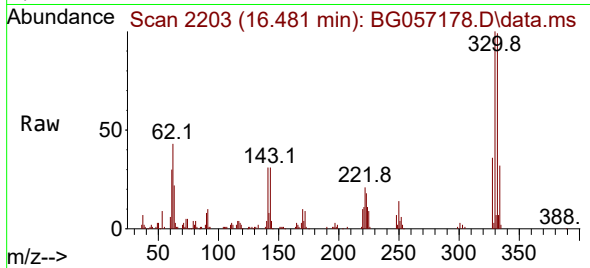




#65
4,6-Dinitro-2-methylphenol
Concen: 5.348 ng
RT: 16.481 min Scan# 2141
Delta R.T. 0.366 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

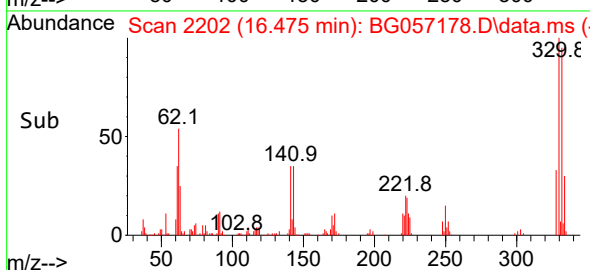
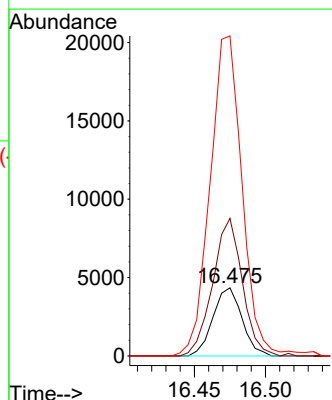
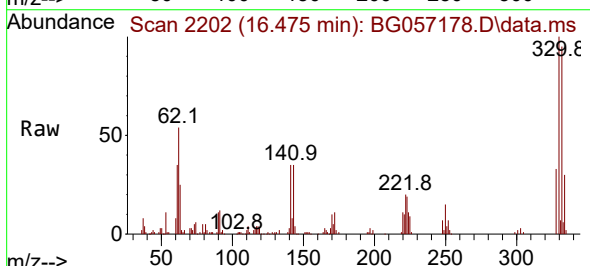
Instrument :
BNA_G
ClientSampleId :

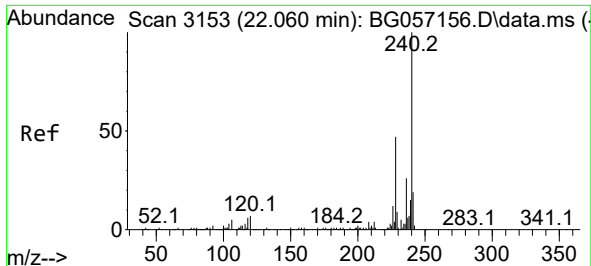
Tgt Ion:198 Resp: 249
Ion Ratio Lower Upper
198 100
51 64.2 13.1 53.1#
105 100.0 14.1 54.1#



#67
4-Bromophenyl-phenylether
Concen: 5.607 ng
RT: 16.475 min Scan# 2202
Delta R.T. -0.439 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Tgt Ion:248 Resp: 6175
Ion Ratio Lower Upper
248 100
250 201.7 75.8 113.8#
141 469.2 50.1 75.1#

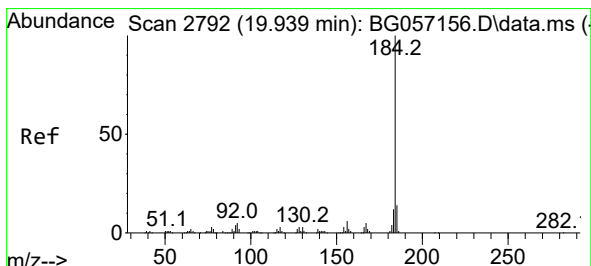
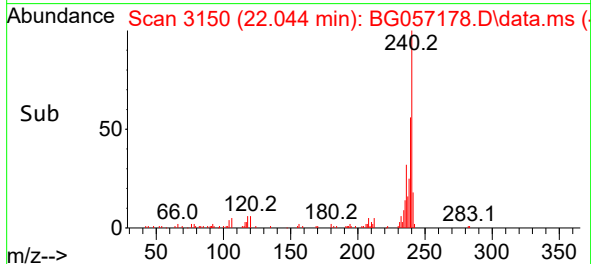
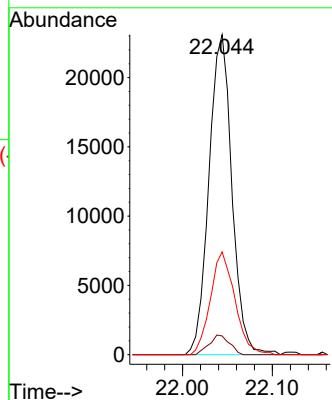
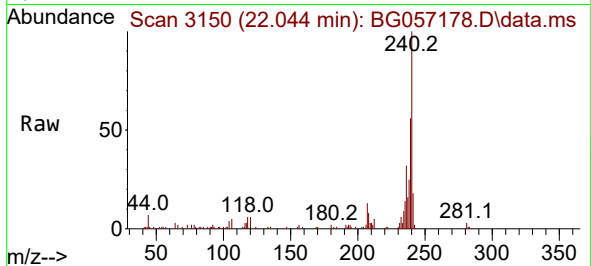




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3153
Delta R.T. -0.016 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

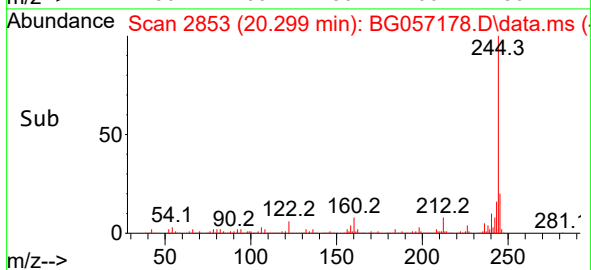
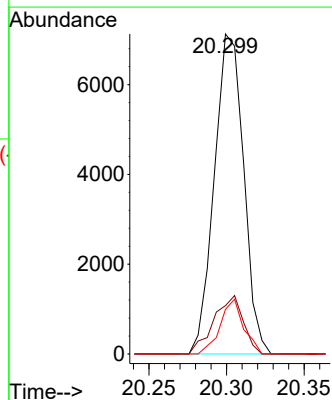
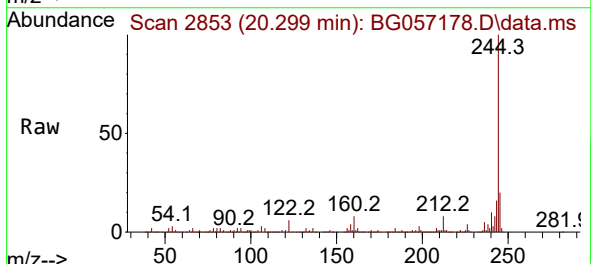
Instrument :
BNA_G
ClientSampleId :

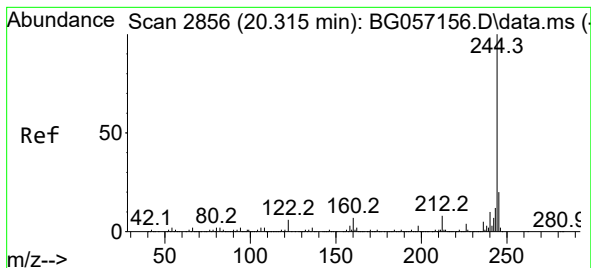
Tgt Ion:240 Resp: 41062
Ion Ratio Lower Upper
240 100
120 5.9 5.5 8.3
236 32.1 20.8 31.2#



#77
Benzidine
Concen: 15.132 ng
RT: 20.299 min Scan# 2853
Delta R.T. 0.360 min
Lab File: BG057178.D
Acq: 25 Apr 2023 16:01

Tgt Ion:184 Resp: 9363
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 13.9 9.4 14.0





#79

Terphenyl-d14

Concen: 229.036 ng

RT: 20.299 min Scan# 21

Delta R.T. -0.016 min

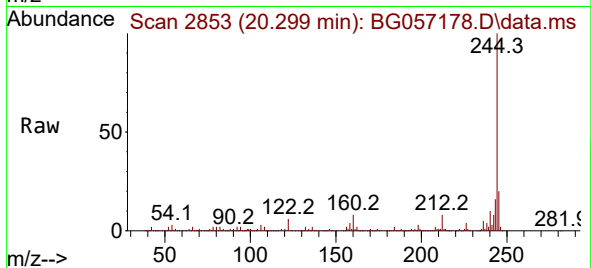
Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

Instrument :

BNA_G

ClientSampleId :



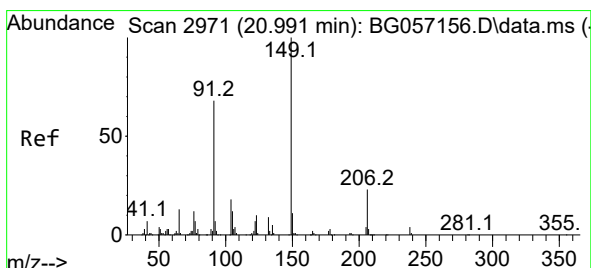
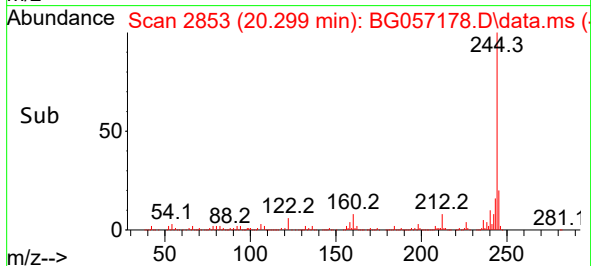
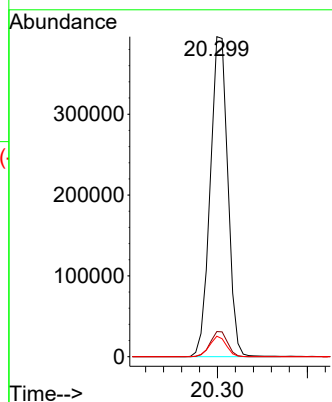
Tgt Ion:244 Resp: 537682

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 6.4 5.0 7.4



#80

Butylbenzylphthalate

Concen: 3.285 ng

RT: 21.304 min Scan# 3024

Delta R.T. 0.313 min

Lab File: BG057178.D

Acq: 25 Apr 2023 16:01

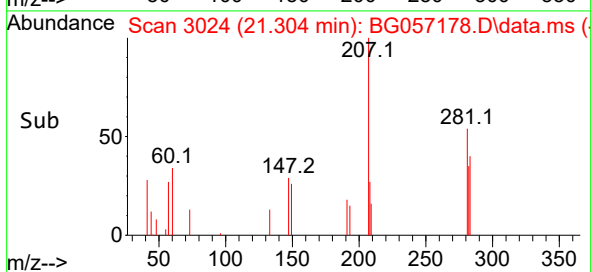
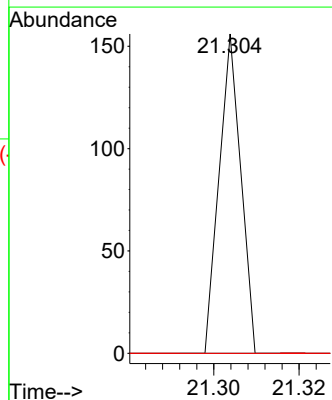
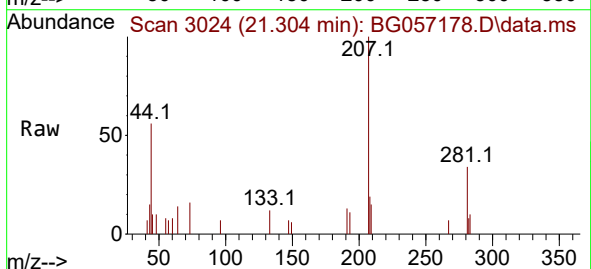
Tgt Ion:149 Resp: 55

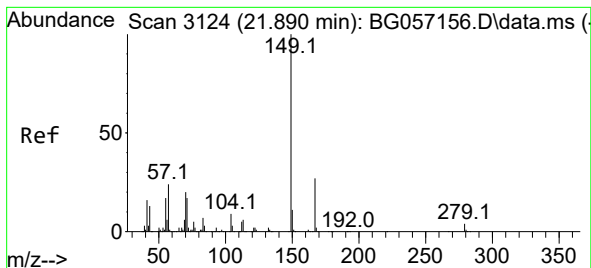
Ion Ratio Lower Upper

149 100

91 0.0 54.1 81.1#

206 0.0 18.2 27.2#

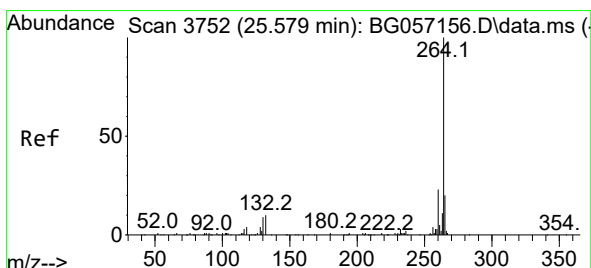
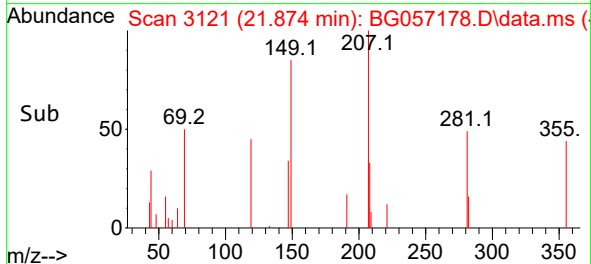
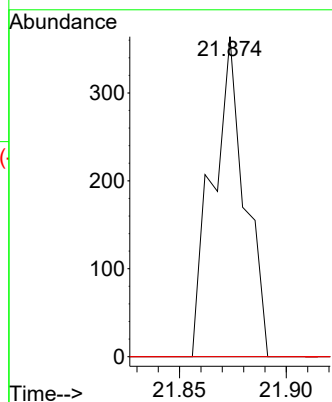
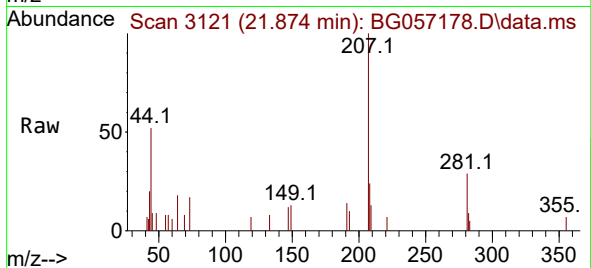




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.842 ng
 RT: 21.874 min Scan# 3121
 Delta R.T. -0.016 min
 Lab File: BG057178.D
 Acq: 25 Apr 2023 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:149 Resp: 382
 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: 25.563 min Scan# 3749
 Delta R.T. -0.016 min
 Lab File: BG057178.D
 Acq: 25 Apr 2023 16:01

Tgt Ion:264 Resp: 933
 Ion Ratio Lower Upper
 264 100
 260 40.1 18.8 28.2#
 265 0.0 16.4 24.6#

