

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057177.D
 Acq On : 25 Apr 2023 15:20
 Operator : CG/JU
 Sample : 02423-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 00:22:57 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)

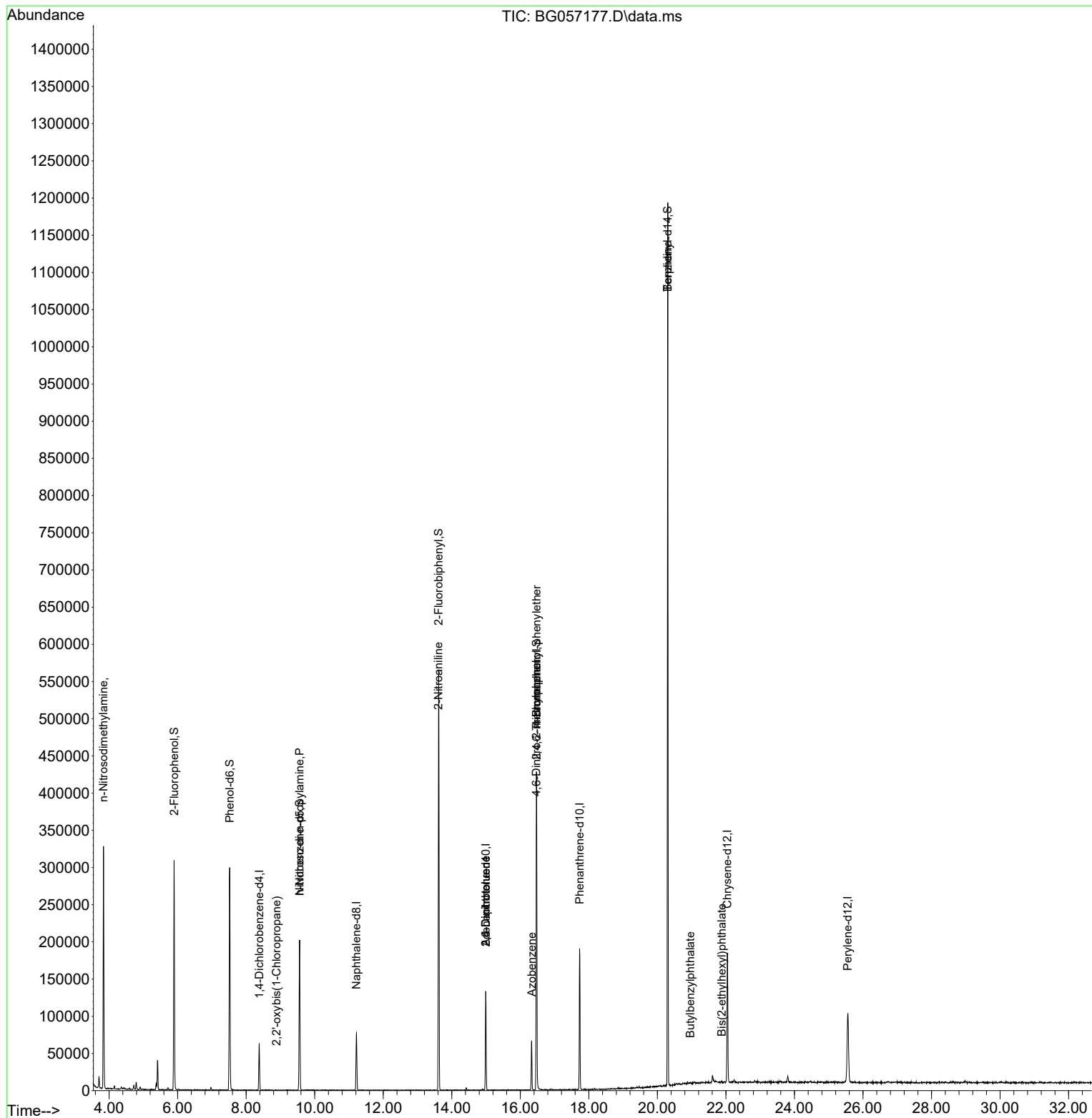
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	16307	20.000	ng	0.00
21) Naphthalene-d8	11.214	136	63746	20.000	ng	-0.01
39) Acenaphthene-d10	14.991	164	46325	20.000	ng	-0.01
64) Phenanthrene-d10	17.729	188	123522	20.000	ng	-0.01
76) Chrysene-d12	22.041	240	115114	20.000	ng	-0.02
86) Perylene-d12	25.554	264	117800	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.898	112	123156	136.862	ng	0.00
7) Phenol-d6	7.519	99	165256	126.927	ng	0.00
23) Nitrobenzene-d5	9.558	82	124510	96.560	ng	0.00
42) 2,4,6-Tribromophenol	16.478	330	83083	135.930	ng	0.00
45) 2-Fluorobiphenyl	13.617	172	289323	83.934	ng	-0.01
79) Terphenyl-d14	20.302	244	573542	87.147	ng	-0.01
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.836	42	40665	92.142	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.888	45	73	5.493	ng	61
19) n-Nitroso-di-n-propyla...	9.558	70	17561	21.685	ng	# 84
48) 2-Nitroaniline	13.611	65	511	5.336	ng	# 1
51) 2,6-Dinitrotoluene	14.991	165	6045	8.908	ng	# 21
57) 2,4-Dinitrotoluene	14.991	165	6045	6.541	ng	# 21
63) Azobenzene	16.331	77	21031	6.308	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.466	198	199	5.156	ng	# 1
67) 4-Bromophenyl-phenylether	16.472	248	5724	3.853	ng	# 1
77) Benzidine	20.302	184	9918	5.718	ng	# 90
80) Butylbenzylphthalate	20.960	149	57	3.240	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.876	149	705	3.737	ng	# 53

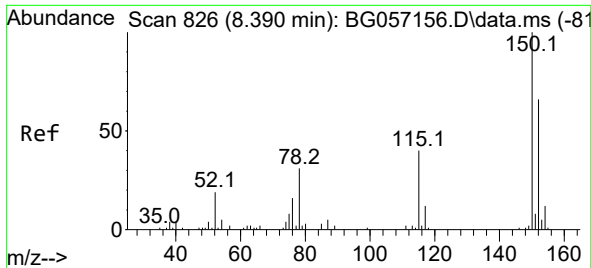
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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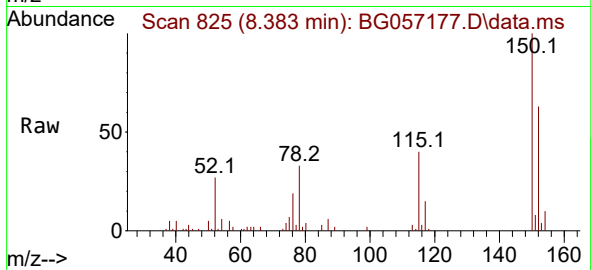
Quant Time: Apr 26 00:22:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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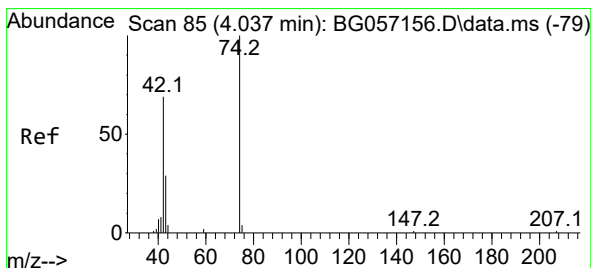
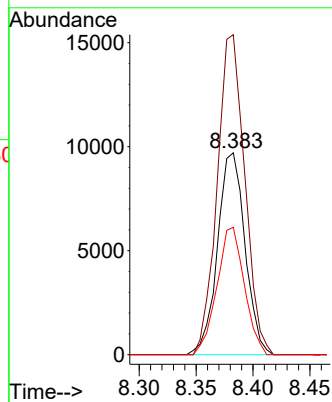
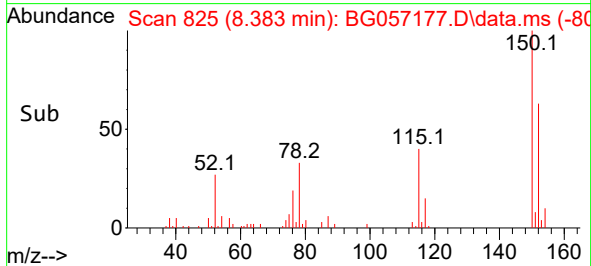


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.383 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Instrument :
BNA_G
ClientSampleId :

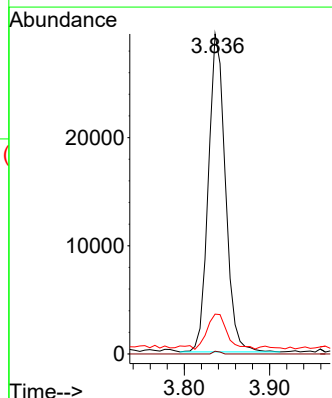
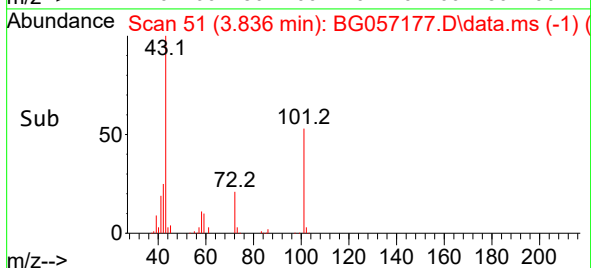
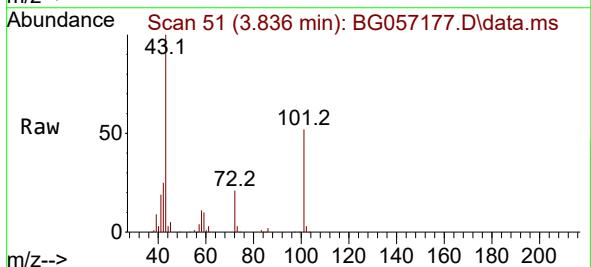


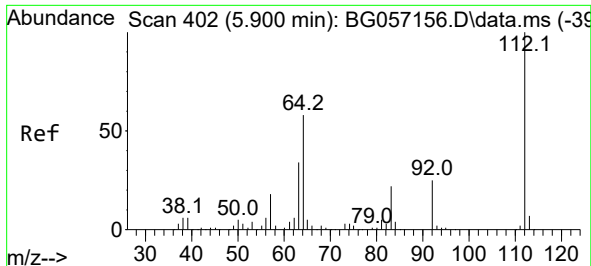
Tgt Ion:152 Resp: 16307
Ion Ratio Lower Upper
152 100
150 158.4 121.4 182.2
115 63.1 48.1 72.1



#4
n-Nitrosodimethylamine
Concen: 92.142 ng
RT: 3.836 min Scan# 51
Delta R.T. -0.201 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion: 42 Resp: 40665
Ion Ratio Lower Upper
42 100
74 0.9 115.6 173.4#
44 12.5 7.1 10.7#

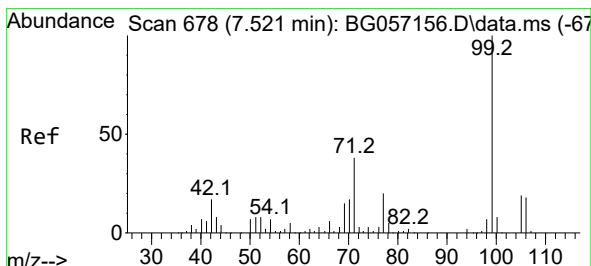
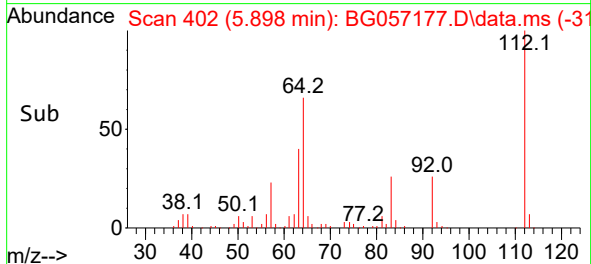
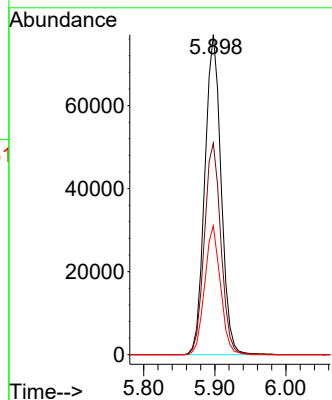
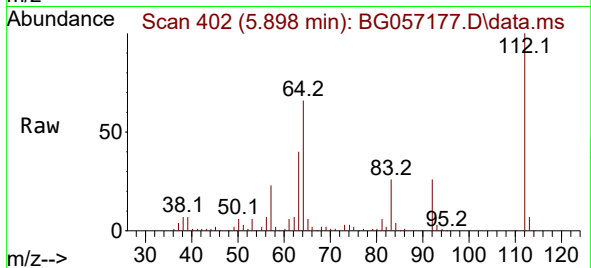




#5
2-Fluorophenol
Concen: 136.862 ng
RT: 5.898 min Scan# 402
Delta R.T. -0.002 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

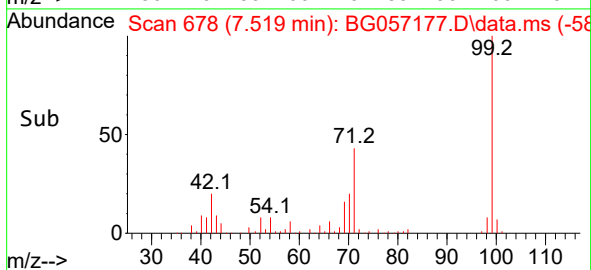
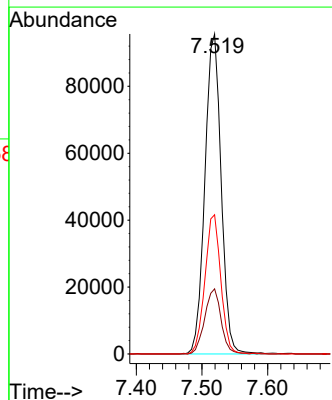
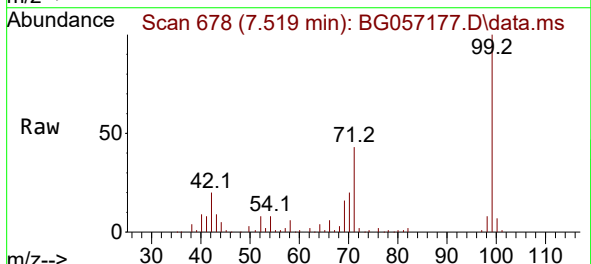
Instrument :
BNA_G
ClientSampleId :

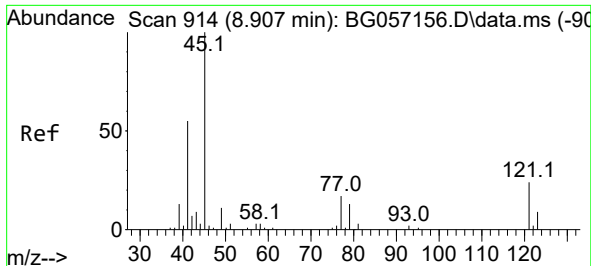
Tgt Ion:112 Resp: 123156
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 40.2 26.9 40.3



#7
Phenol-d6
Concen: 126.927 ng
RT: 7.519 min Scan# 678
Delta R.T. -0.002 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

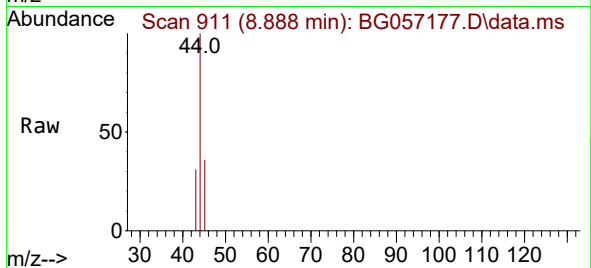
Tgt Ion: 99 Resp: 165256
Ion Ratio Lower Upper
99 100
42 20.3 13.4 20.0#
71 43.5 30.2 45.2



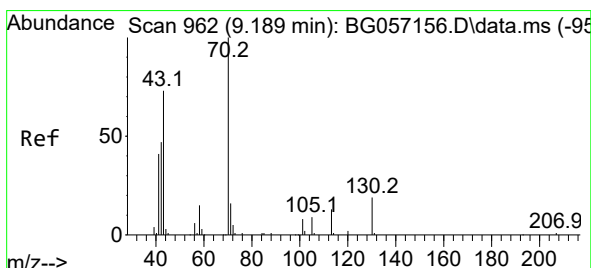
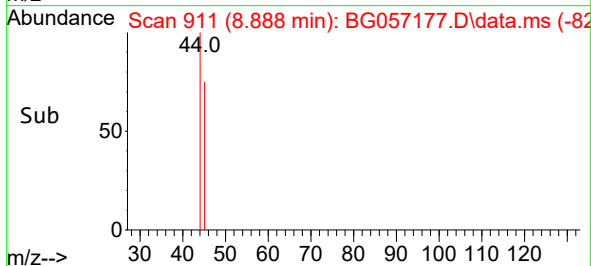
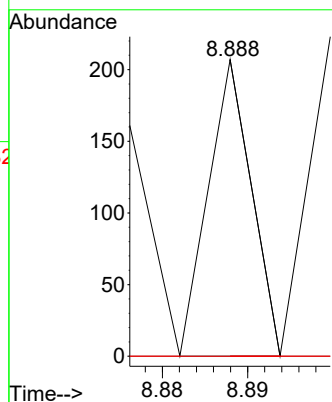


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.493 ng
RT: 8.888 min Scan# 91
Delta R.T. -0.019 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Instrument :
BNA_G
ClientSampleId :

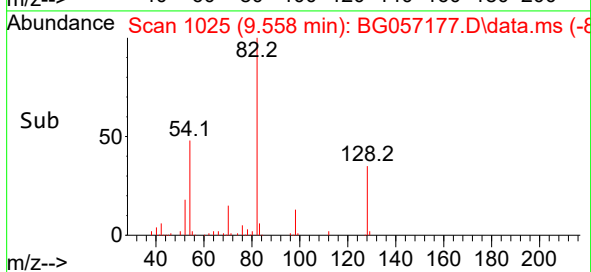
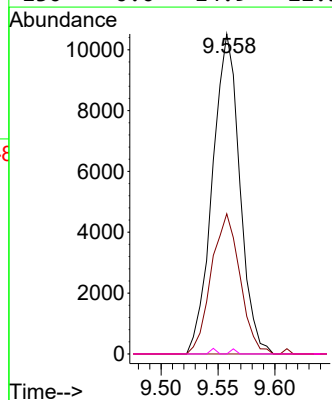
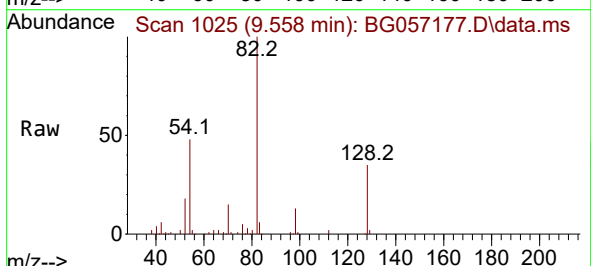


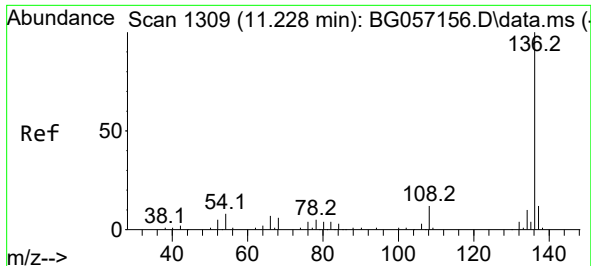
Tgt Ion: 45 Resp: 73
Ion Ratio Lower Upper
45 100
77 0.0 0.0 38.7
79 0.0 0.0 34.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.685 ng
RT: 9.558 min Scan# 1025
Delta R.T. 0.369 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

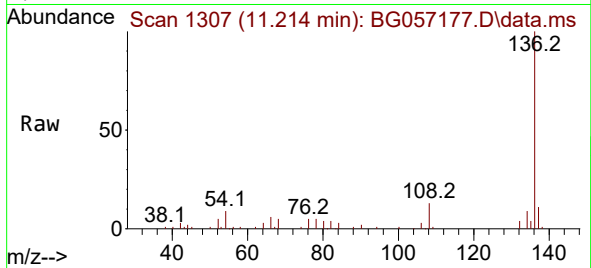
Tgt Ion: 70 Resp: 17561
Ion Ratio Lower Upper
70 100
42 43.8 38.0 57.0
101 0.0 6.6 9.8#
130 0.0 14.9 22.3#



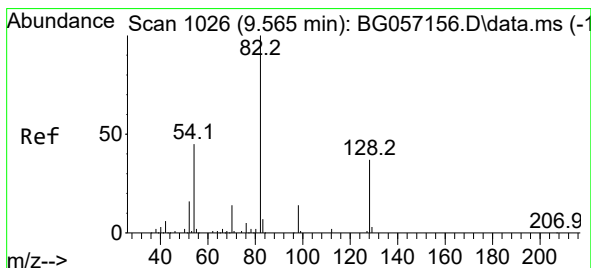
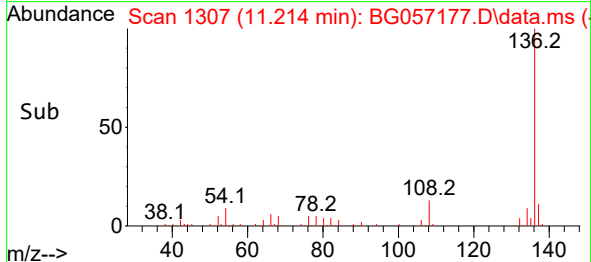
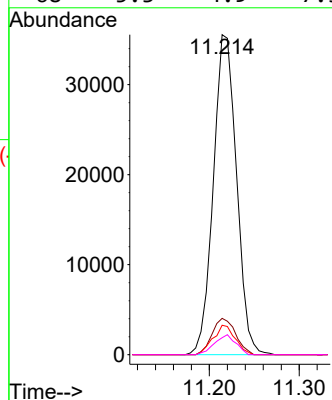


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.214 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Instrument :
BNA_G
ClientSampleId :

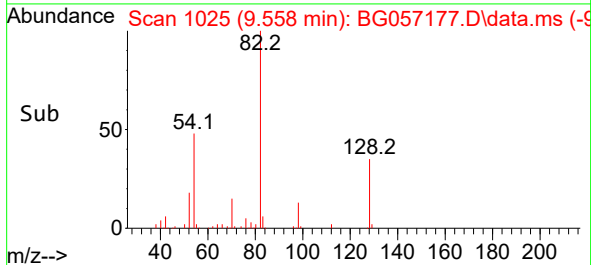
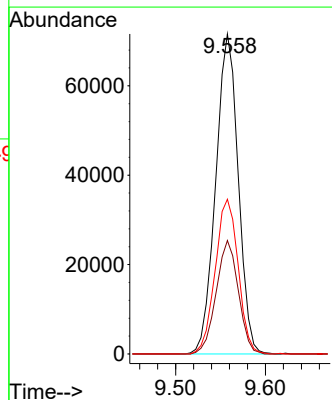
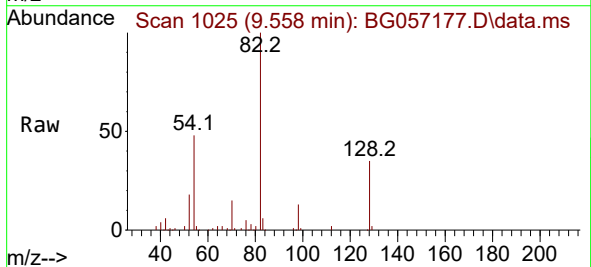


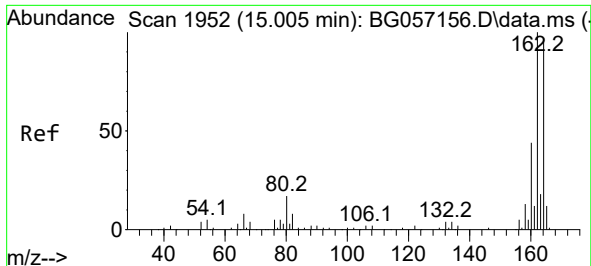
Tgt Ion:136 Resp: 63746
Ion Ratio Lower Upper
136 100
137 11.3 9.5 14.3
54 9.2 6.4 9.6
68 5.3 4.9 7.3



#23
Nitrobenzene-d5
Concen: 96.560 ng
RT: 9.558 min Scan# 1025
Delta R.T. -0.007 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion: 82 Resp: 124510
Ion Ratio Lower Upper
82 100
128 35.5 29.4 44.2
54 48.4 36.2 54.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.991 min Scan# 1950

Delta R.T. -0.014 min

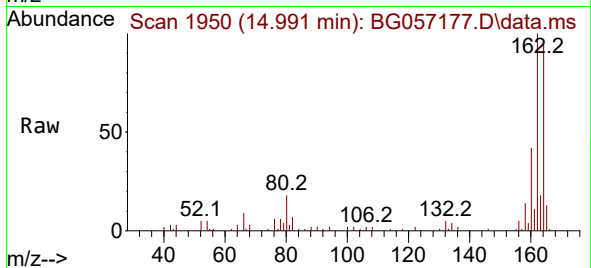
Lab File: BG057177.D

Acq: 25 Apr 2023 15:20

Instrument :

BNA_G

ClientSampleId :



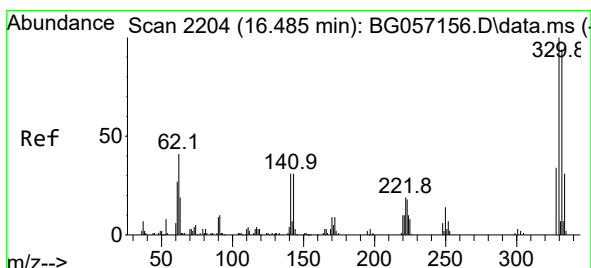
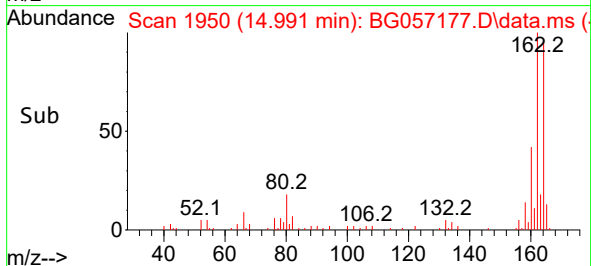
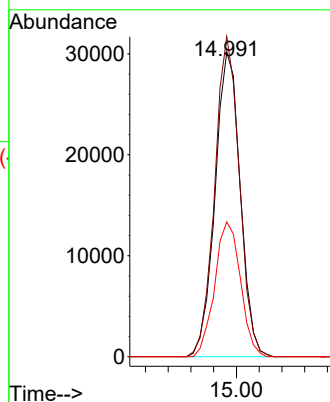
Tgt Ion:164 Resp: 46325

Ion Ratio Lower Upper

164 100

162 105.0 82.4 123.6

160 44.3 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 135.930 ng

RT: 16.478 min Scan# 2203

Delta R.T. -0.008 min

Lab File: BG057177.D

Acq: 25 Apr 2023 15:20

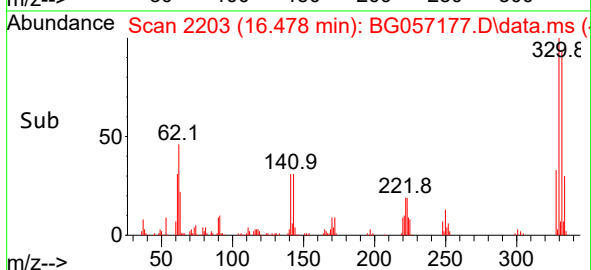
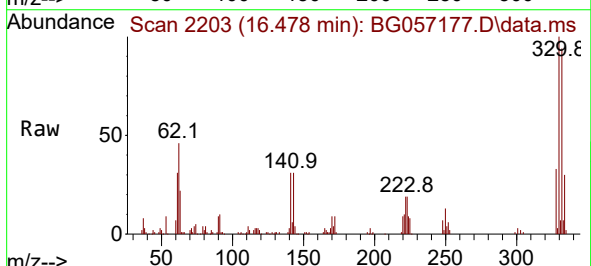
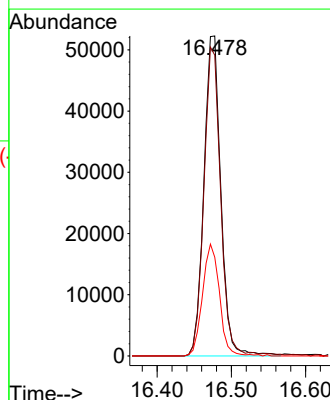
Tgt Ion:330 Resp: 83083

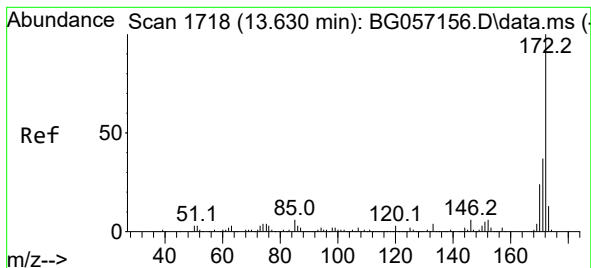
Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 35.0 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 83.934 ng

RT: 13.617 min Scan# 1

Delta R.T. -0.013 min

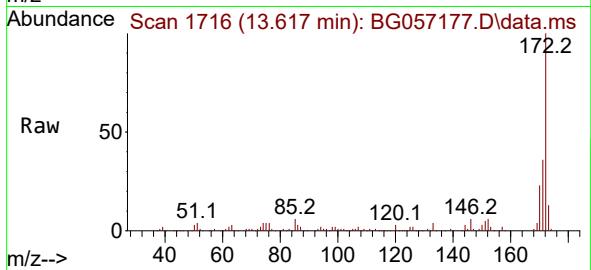
Lab File: BG057177.D

Acq: 25 Apr 2023 15:20

Instrument :

BNA_G

ClientSampleId :



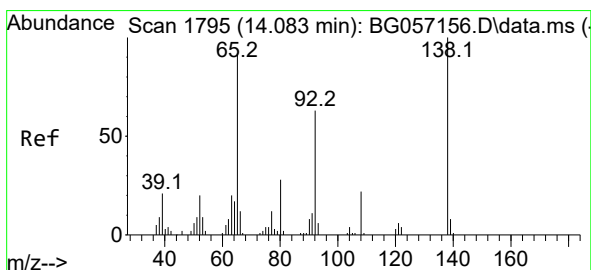
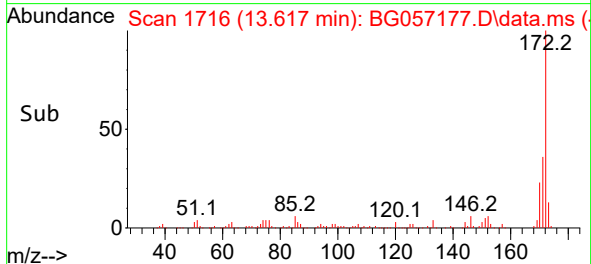
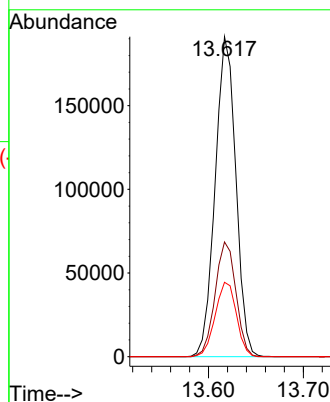
Tgt Ion:172 Resp: 289323

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

170 23.2 19.4 29.2



#48

2-Nitroaniline

Concen: 5.336 ng

RT: 13.611 min Scan# 1715

Delta R.T. -0.472 min

Lab File: BG057177.D

Acq: 25 Apr 2023 15:20

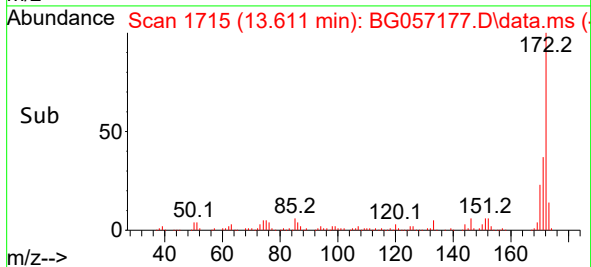
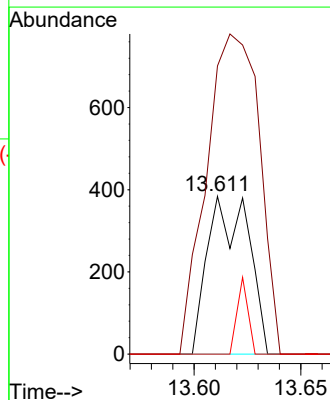
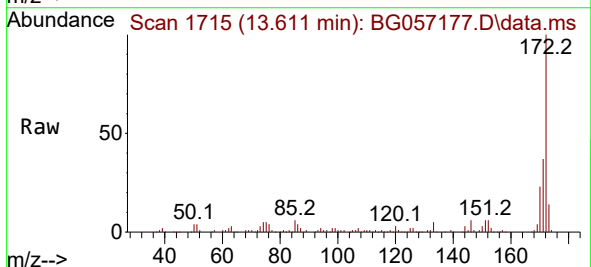
Tgt Ion: 65 Resp: 511

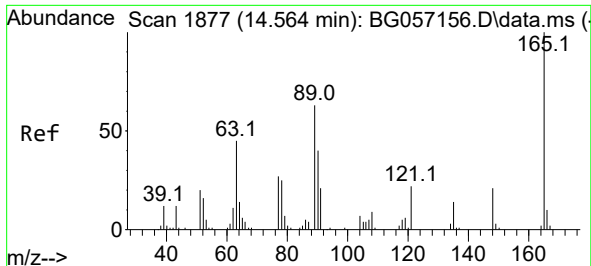
Ion Ratio Lower Upper

65 100

92 182.6 54.9 82.3#

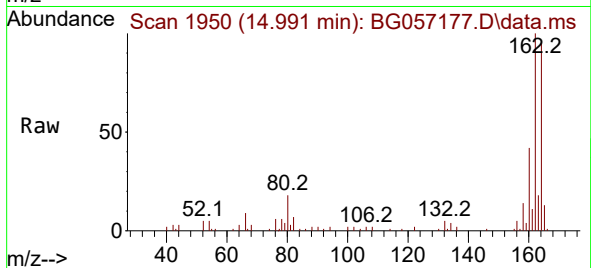
138 0.0 86.6 129.8#



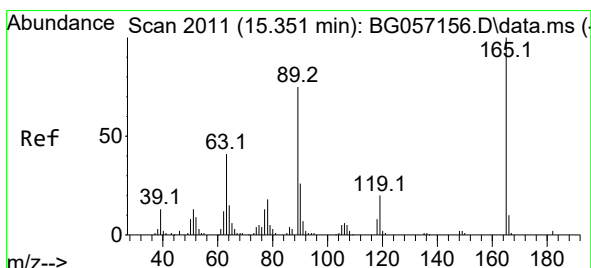
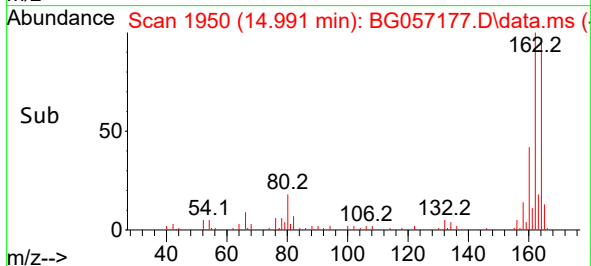
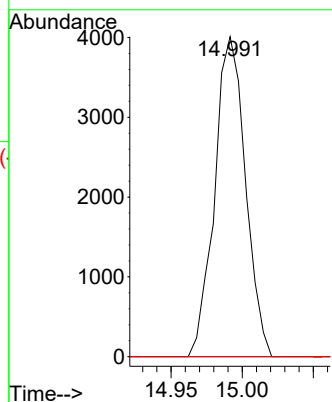


#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 14.991 min Scan# 1950
Delta R.T. 0.427 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Instrument :
BNA_G
ClientSampleId :

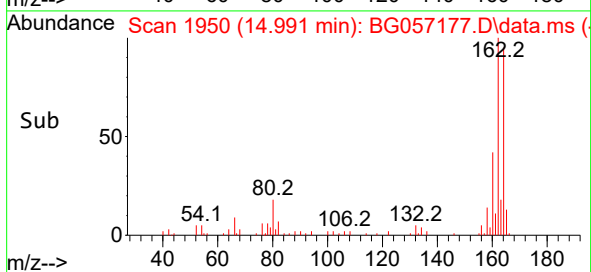
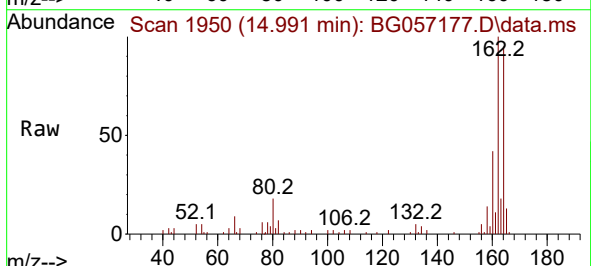
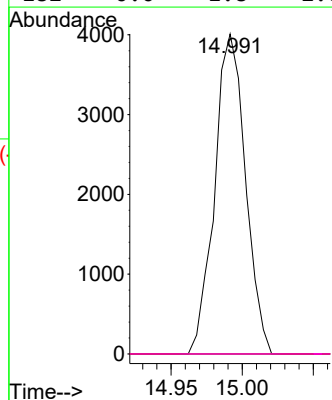


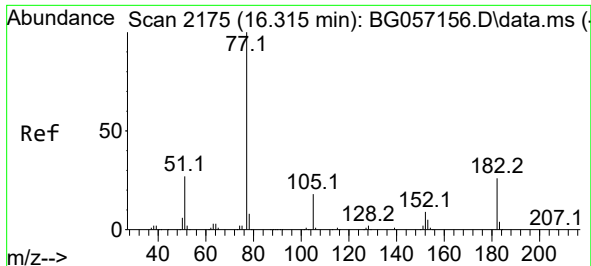
Tgt Ion:165 Resp: 6045
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#



#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 14.991 min Scan# 1950
Delta R.T. -0.360 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion:165 Resp: 6045
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#

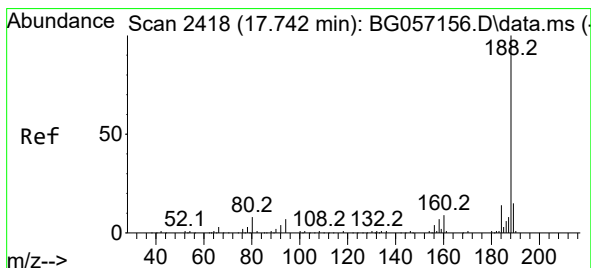
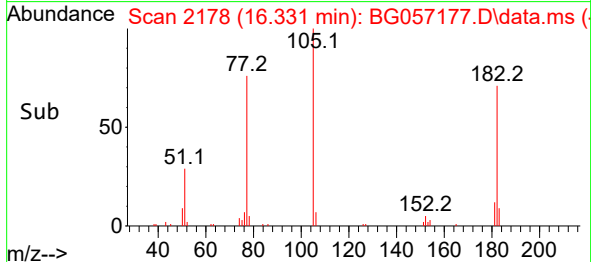
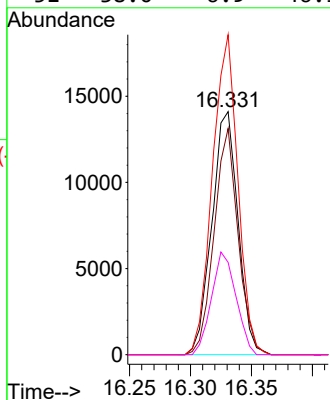
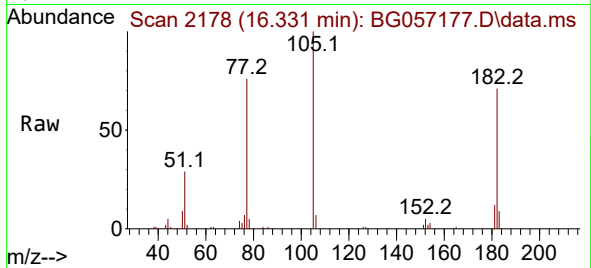




#63
 Azobenzene
 Concen: 6.308 ng
 RT: 16.331 min Scan# 2175
 Delta R.T. 0.016 min
 Lab File: BG057177.D
 Acq: 25 Apr 2023 15:20

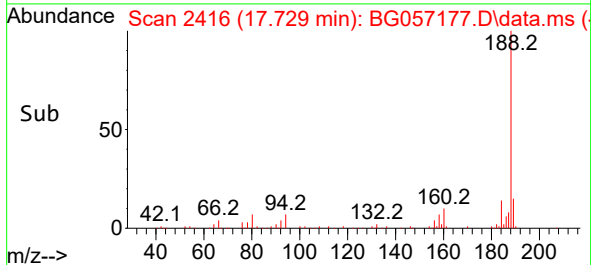
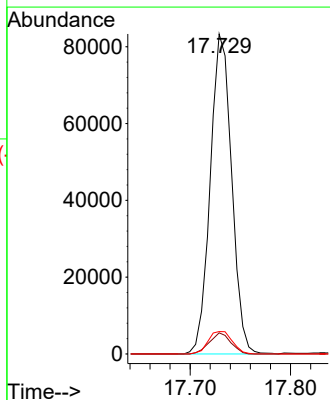
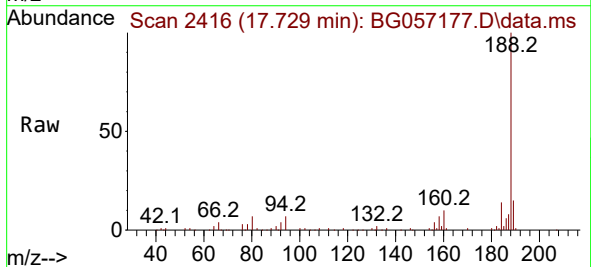
Instrument :
 BNA_G
 ClientSampleId :

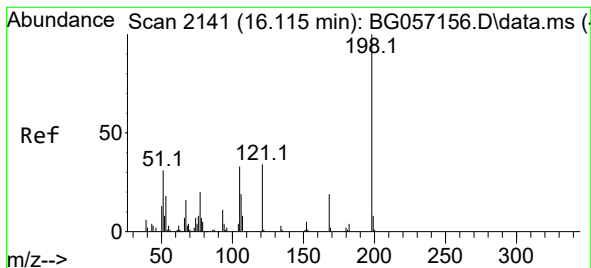
Tgt Ion: 77 Resp: 21031
 Ion Ratio Lower Upper
 77 100
 182 93.0 6.1 46.1#
 105 131.6 0.0 38.4#
 51 38.0 6.9 46.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.729 min Scan# 2416
 Delta R.T. -0.013 min
 Lab File: BG057177.D
 Acq: 25 Apr 2023 15:20

Tgt Ion: 188 Resp: 123522
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.4 8.0
 80 7.0 6.2 9.2

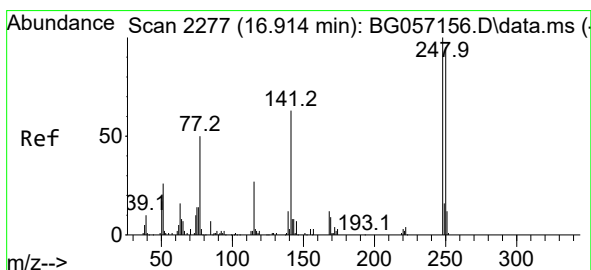
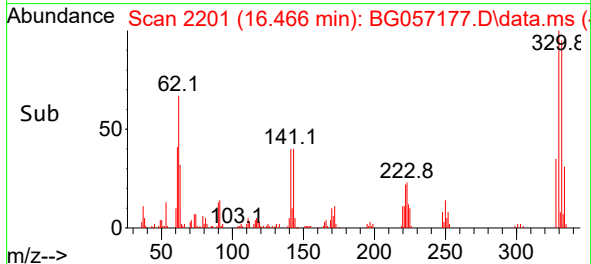
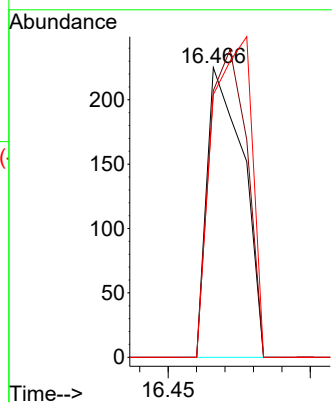
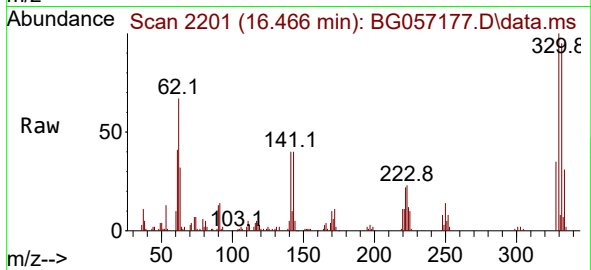




#65
4,6-Dinitro-2-methylphenol
Concen: 5.156 ng
RT: 16.466 min Scan# 2141
Delta R.T. 0.351 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

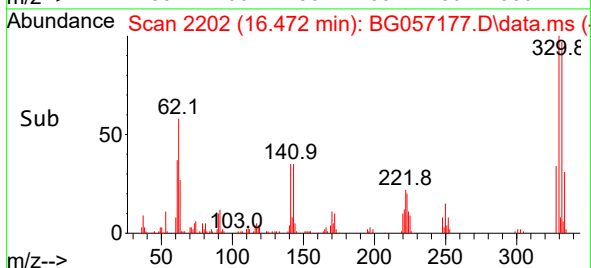
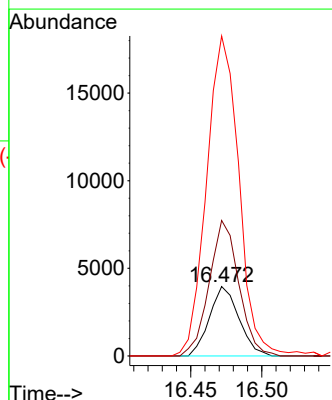
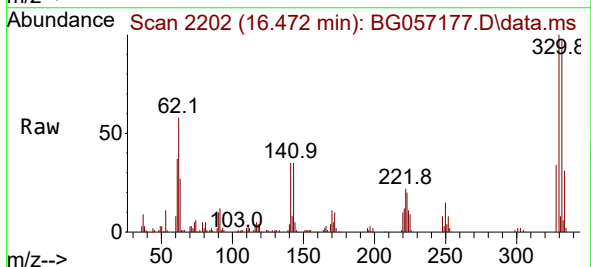
Instrument :
BNA_G
ClientSampleId :

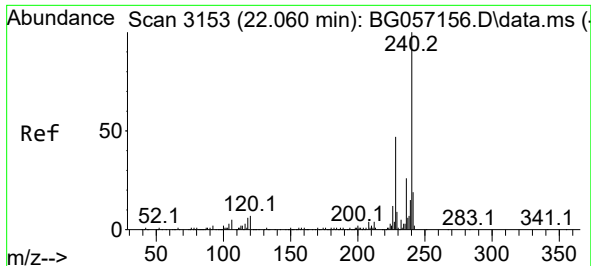
Tgt Ion:198 Resp: 199
Ion Ratio Lower Upper
198 100
51 92.0 13.1 53.1#
105 90.7 14.1 54.1#



#67
4-Bromophenyl-phenylether
Concen: 3.853 ng
RT: 16.472 min Scan# 2202
Delta R.T. -0.442 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

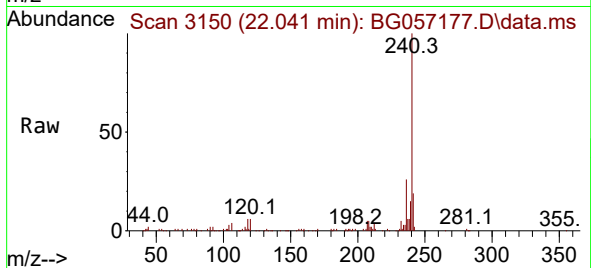
Tgt Ion:248 Resp: 5724
Ion Ratio Lower Upper
248 100
250 195.1 75.8 113.8#
141 460.7 50.1 75.1#



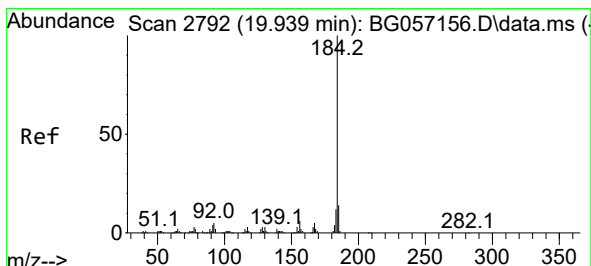
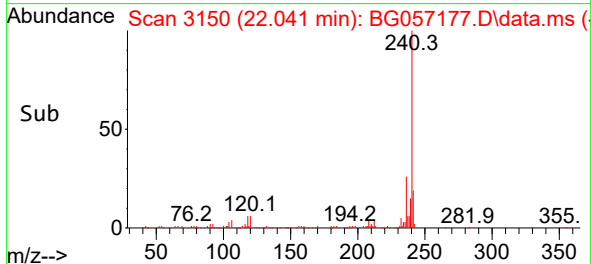
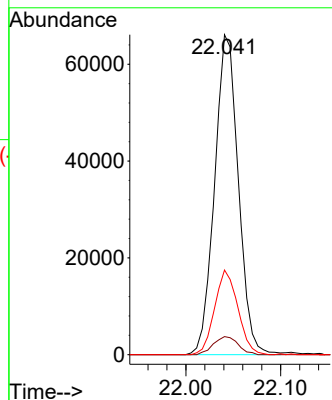


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.041 min Scan# 3150
Delta R.T. -0.019 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Instrument :
BNA_G
ClientSampleId :

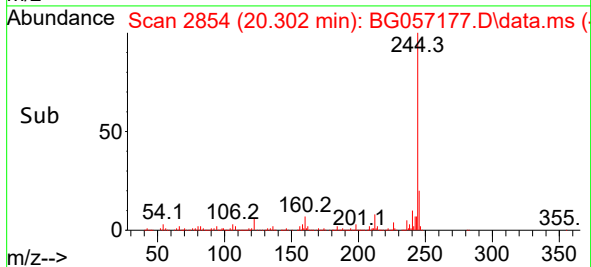
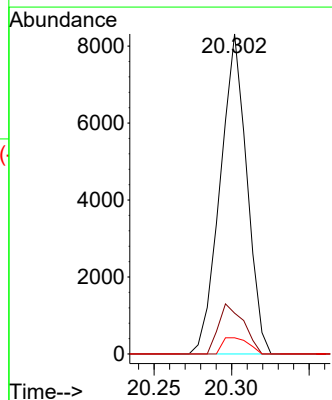
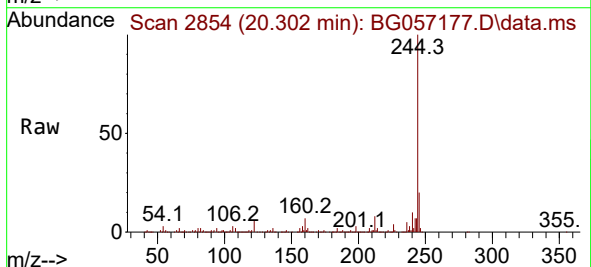


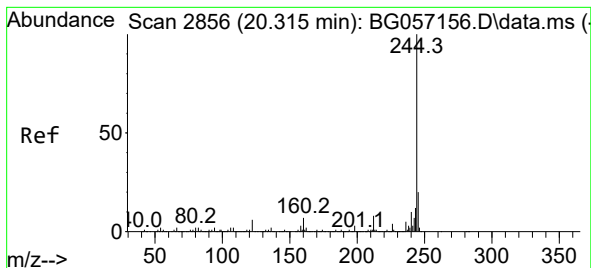
Tgt Ion:240 Resp: 115114
Ion Ratio Lower Upper
240 100
120 5.7 5.5 8.3
236 26.4 20.8 31.2



#77
Benzidine
Concen: 5.718 ng
RT: 20.302 min Scan# 2854
Delta R.T. 0.363 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion:184 Resp: 9918
Ion Ratio Lower Upper
184 100
185 12.8 11.3 16.9
183 5.1 9.4 14.0#





#79

Terphenyl-d14

Concen: 87.147 ng

RT: 20.302 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057177.D

Acq: 25 Apr 2023 15:20

Instrument :

BNA_G

ClientSampleId :

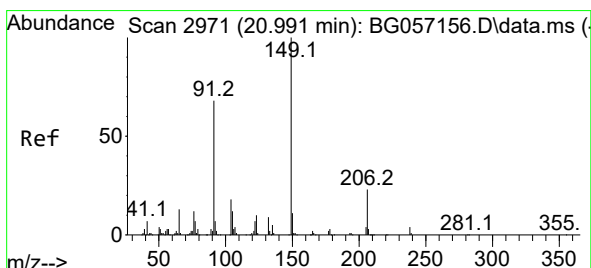
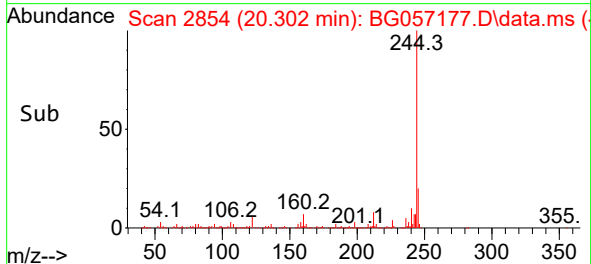
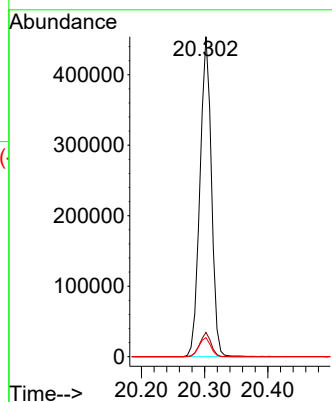
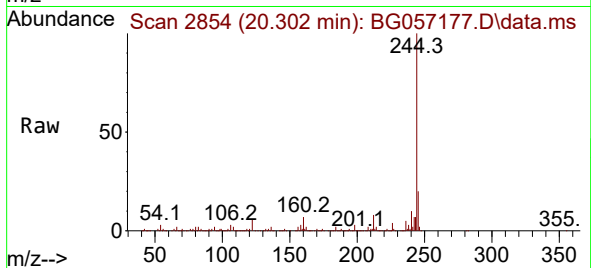
Tgt Ion:244 Resp: 573542

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 5.9 5.0 7.4



#80

Butylbenzylphthalate

Concen: 3.240 ng

RT: 20.960 min Scan# 2966

Delta R.T. -0.031 min

Lab File: BG057177.D

Acq: 25 Apr 2023 15:20

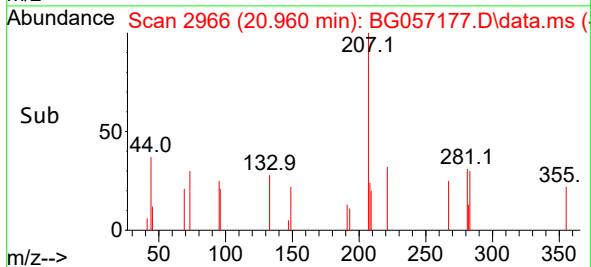
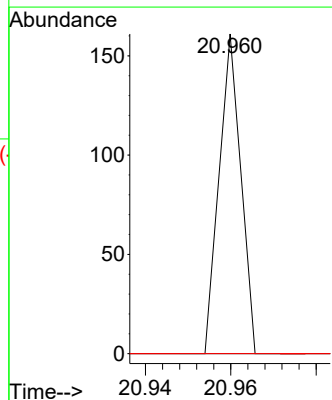
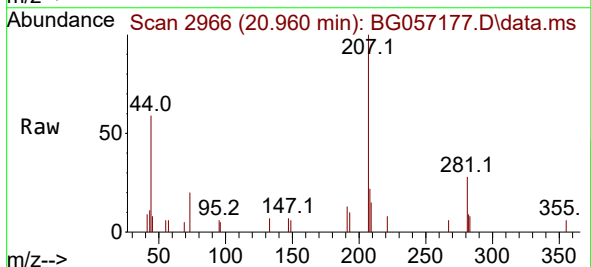
Tgt Ion:149 Resp: 57

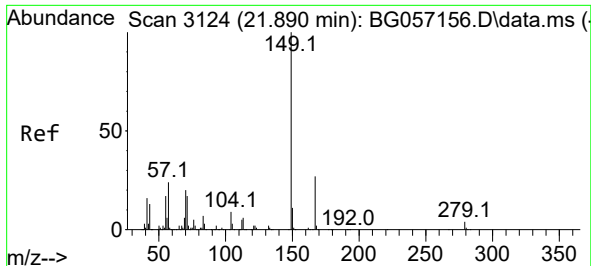
Ion Ratio Lower Upper

149 100

91 0.0 54.1 81.1#

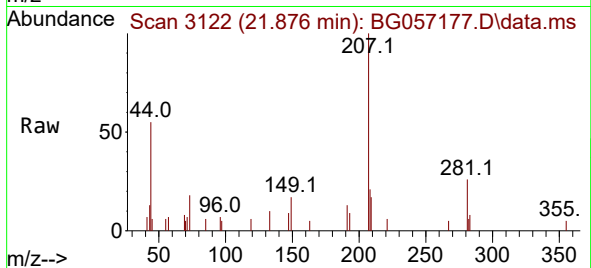
206 0.0 18.2 27.2#



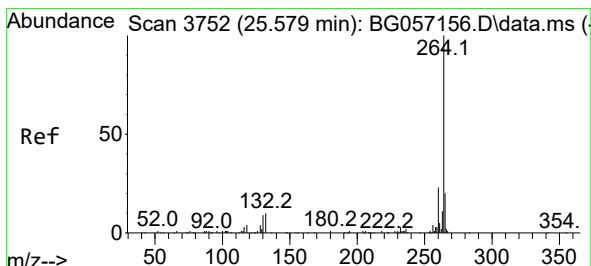
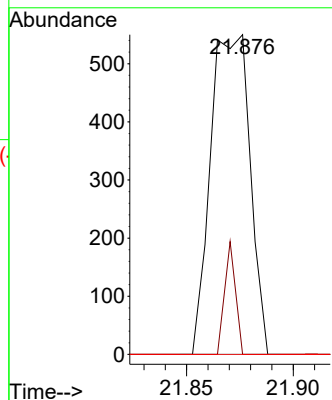
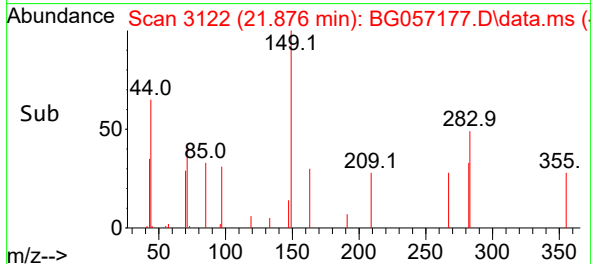


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.737 ng
 RT: 21.876 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG057177.D
 Acq: 25 Apr 2023 15:20

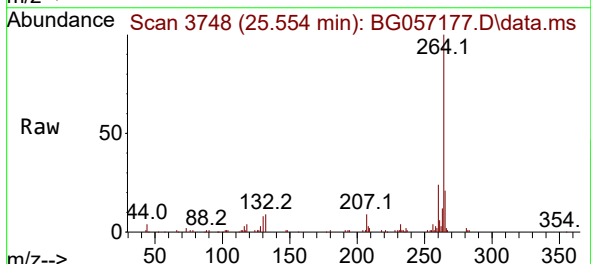
Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:149 Resp: 705
 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: 25.554 min Scan# 3748
 Delta R.T. -0.025 min
 Lab File: BG057177.D
 Acq: 25 Apr 2023 15:20



Tgt Ion:264 Resp: 117800
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.0 16.4 24.6

