

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057170.D
 Acq On : 25 Apr 2023 10:29
 Operator : CG/JU
 Sample : PB152346TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152346TB

Quant Time: Apr 25 23:56:44 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)

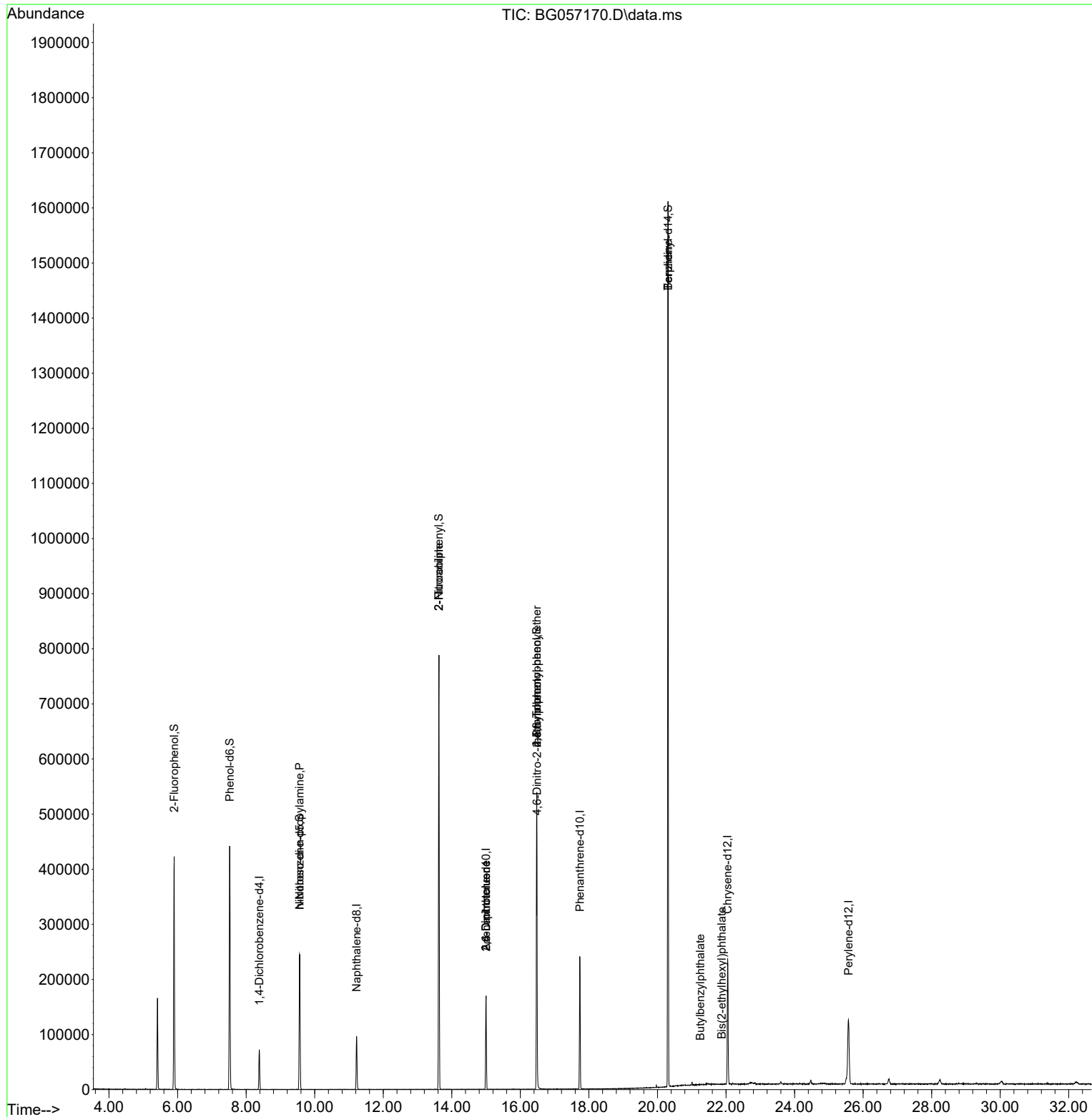
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	19314	20.000	ng	0.00
21) Naphthalene-d8	11.222	136	79737	20.000	ng	0.00
39) Acenaphthene-d10	14.999	164	60300	20.000	ng	0.00
64) Phenanthrene-d10	17.737	188	159309	20.000	ng	0.00
76) Chrysene-d12	22.049	240	150284	20.000	ng	-0.01
86) Perylene-d12	25.573	264	153338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	176874	165.956	ng	0.00
7) Phenol-d6	7.521	99	251358	163.002	ng	0.00
23) Nitrobenzene-d5	9.560	82	161074	99.865	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	105379	132.451	ng	0.00
45) 2-Fluorobiphenyl	13.625	172	396098	88.279	ng	0.00
79) Terphenyl-d14	20.310	244	818312	95.241	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.560	70	22084	23.025	ng	# 88
48) 2-Nitroaniline	13.625	65	575	5.239	ng	# 1
51) 2,6-Dinitrotoluene	14.999	165	8196	9.278	ng	# 23
57) 2,4-Dinitrotoluene	14.999	165	8196	6.813	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.485	198	244	5.143	ng	# 15
67) 4-Bromophenyl-phenylether	16.480	248	7239	3.779	ng	# 1
77) Benzidine	20.310	184	13607	6.009	ng	# 90
80) Butylbenzylphthalate	21.250	149	56	3.233	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.878	149	57	3.547	ng	# 53

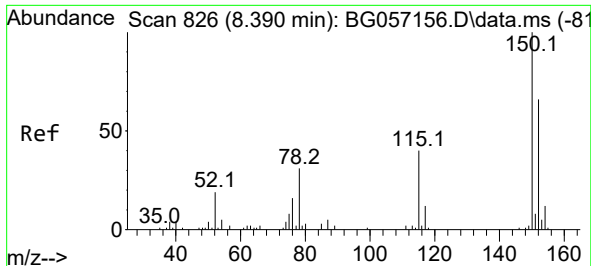
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
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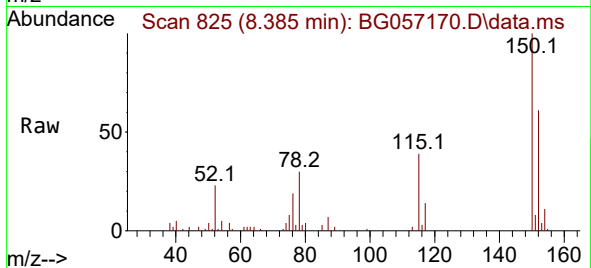
Quant Time: Apr 25 23:56:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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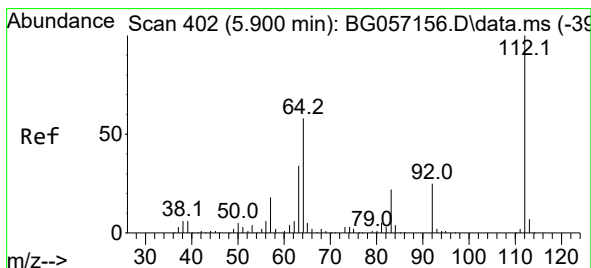
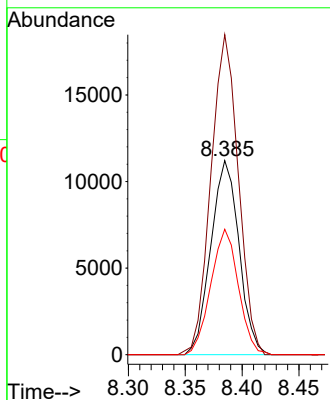
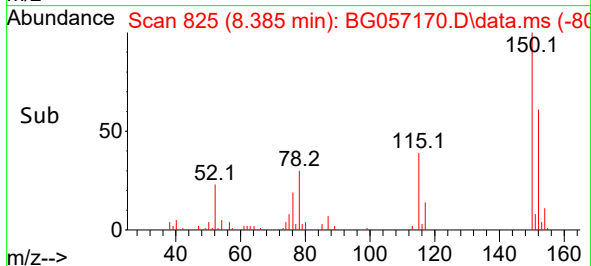


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.385 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

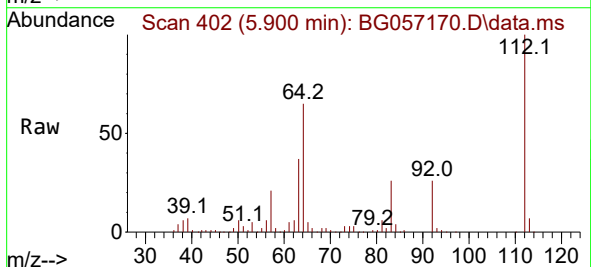
Instrument :
BNA_G
ClientSampleId :
PB152346TB



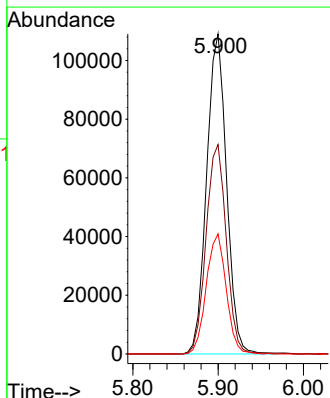
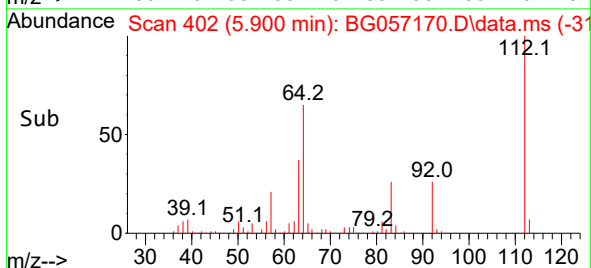
Tgt Ion:152 Resp: 19314
Ion Ratio Lower Upper
152 100
150 164.9 121.4 182.2
115 64.6 48.1 72.1

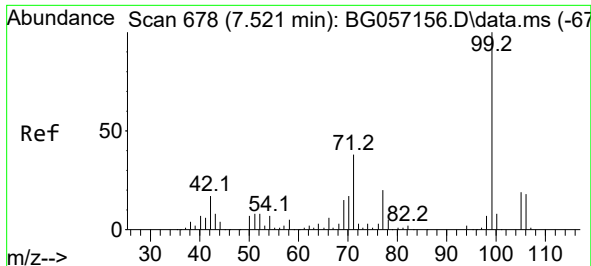


#5
2-Fluorophenol
Concen: 165.956 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29



Tgt Ion:112 Resp: 176874
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 37.5 26.9 40.3

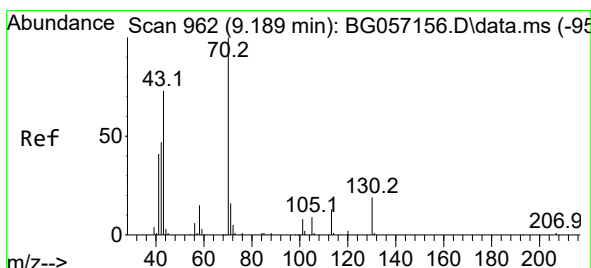
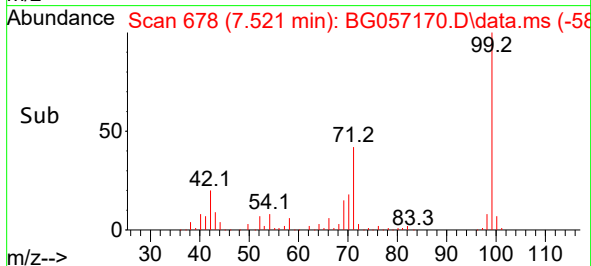
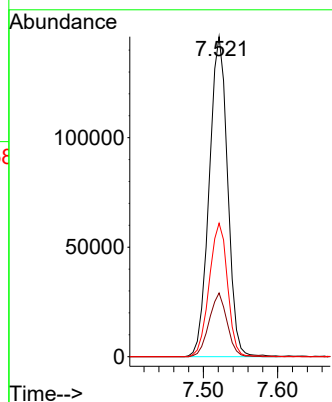
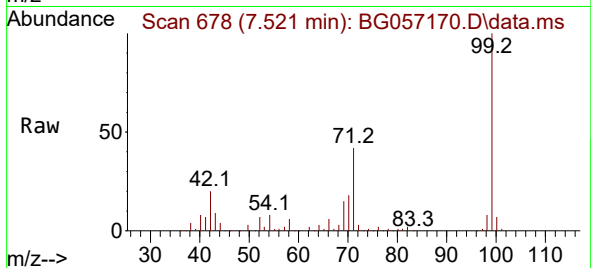




#7
Phenol-d6
Concen: 163.002 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

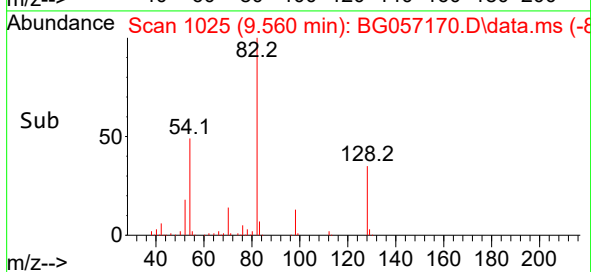
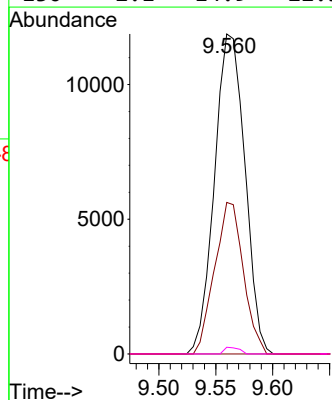
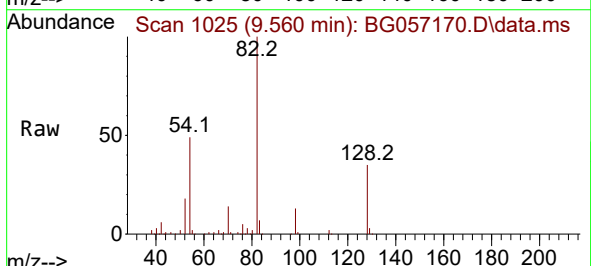
Instrument :
BNA_G
ClientSampleId :
PB152346TB

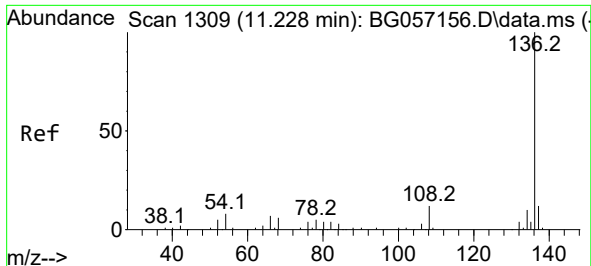
Tgt Ion: 99 Resp: 251358
Ion Ratio Lower Upper
99 100
42 19.9 13.4 20.0
71 41.7 30.2 45.2



#19
n-Nitroso-di-n-propylamine
Concen: 23.025 ng
RT: 9.560 min Scan# 1025
Delta R.T. 0.371 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion: 70 Resp: 22084
Ion Ratio Lower Upper
70 100
42 47.4 38.0 57.0
101 0.0 6.6 9.8#
130 2.1 14.9 22.3#

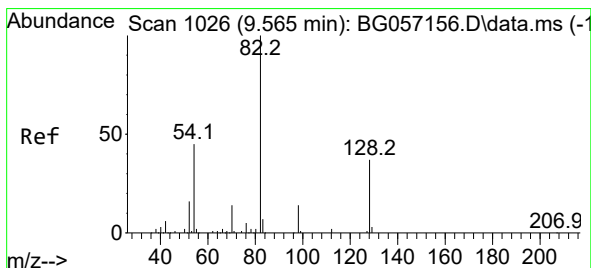
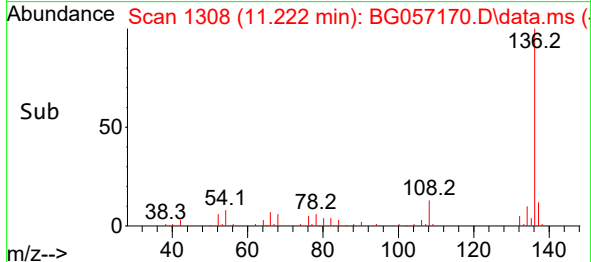
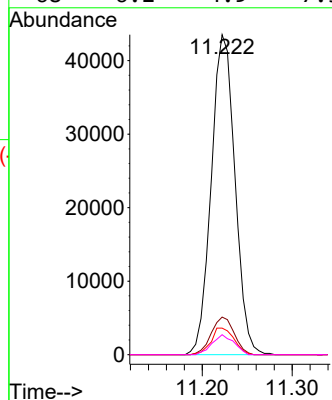
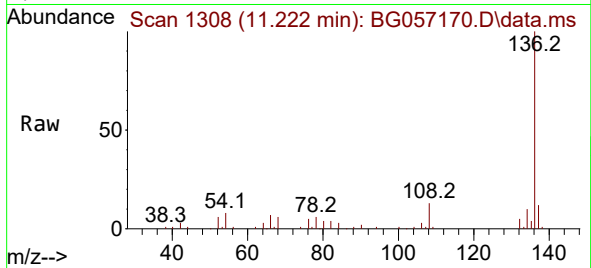




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

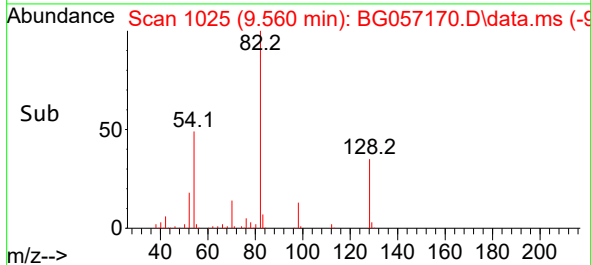
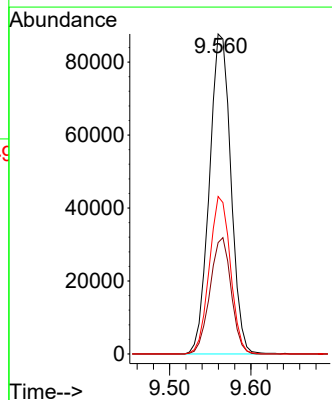
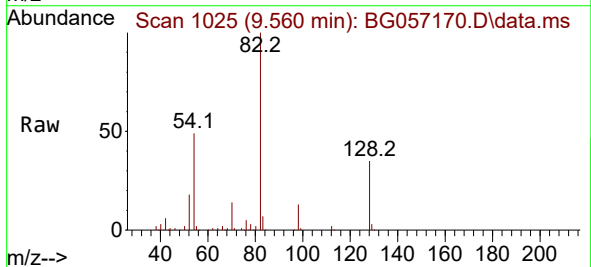
Instrument :
BNA_G
ClientSampleId :
PB152346TB

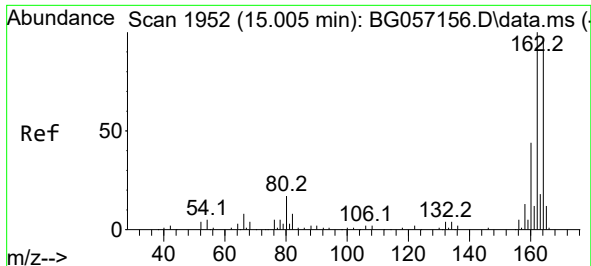
Tgt Ion:	136	Resp:	79737
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.5	14.3
54	8.3	6.4	9.6
68	6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 99.865 ng
RT: 9.560 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

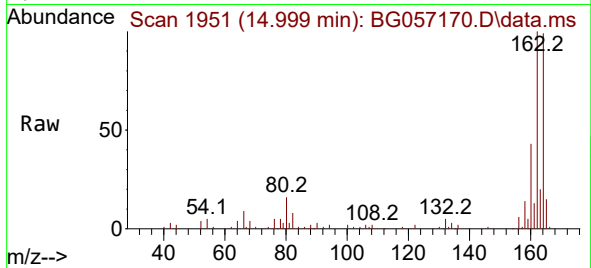
Tgt Ion:	82	Resp:	161074
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.4	44.2
54	49.2	36.2	54.2



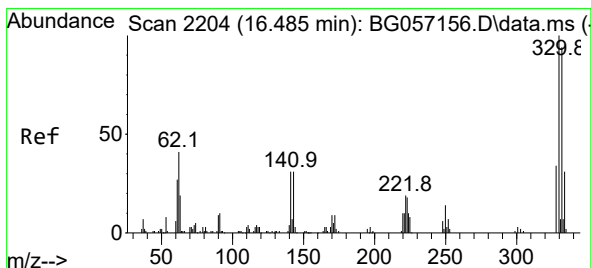
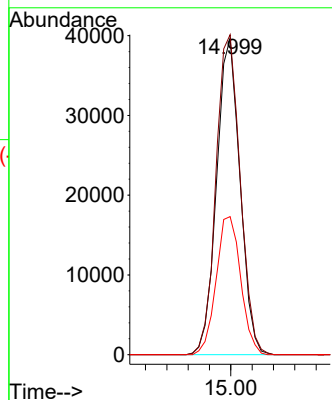
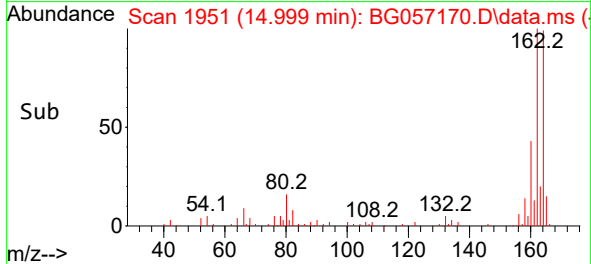


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

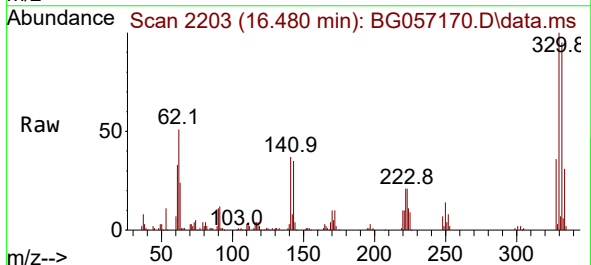
Instrument :
BNA_G
ClientSampleId :
PB152346TB



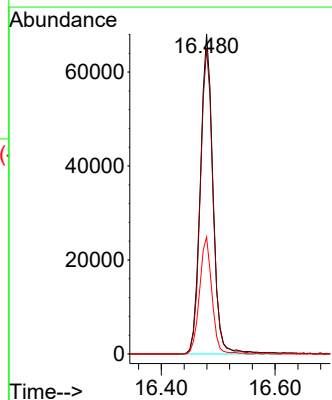
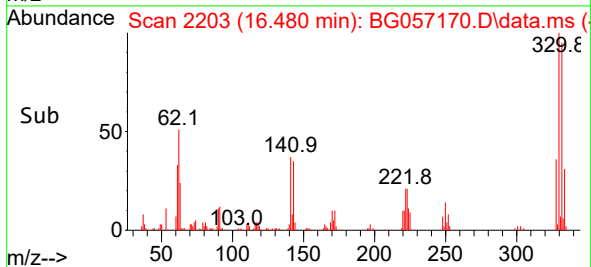
Tgt Ion:164 Resp: 60300
Ion Ratio Lower Upper
164 100
162 101.2 82.4 123.6
160 43.6 36.2 54.2

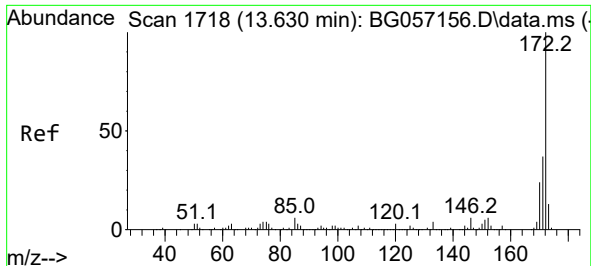


#42
2,4,6-Tribromophenol
Concen: 132.451 ng
RT: 16.480 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29



Tgt Ion:330 Resp: 105379
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 35.5 26.0 39.0

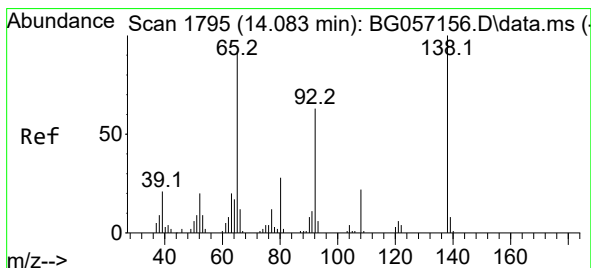
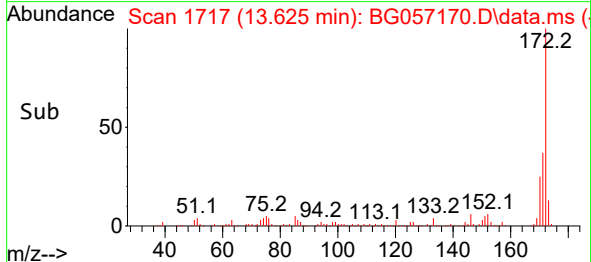
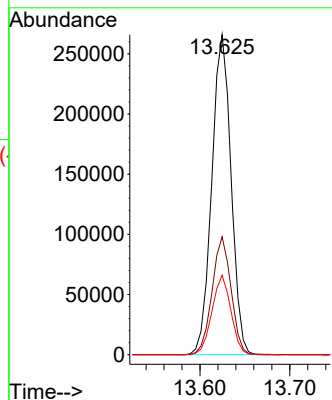
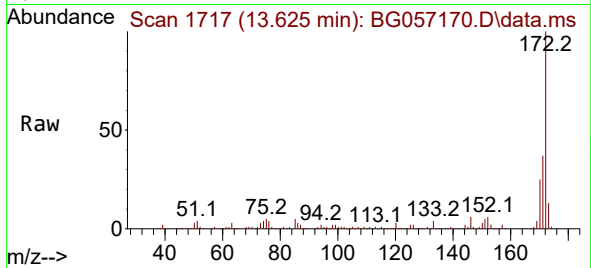




#45
2-Fluorobiphenyl
Concen: 88.279 ng
RT: 13.625 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

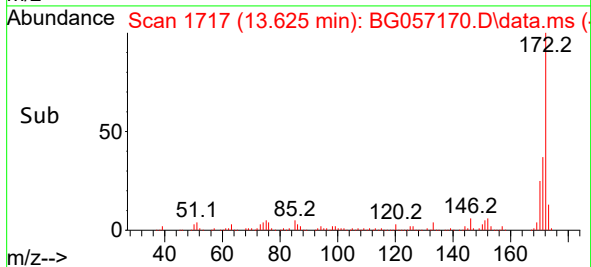
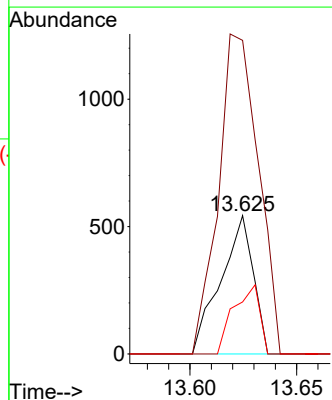
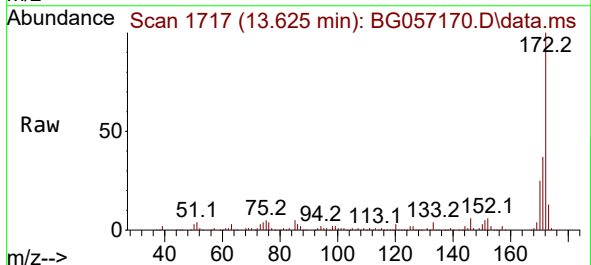
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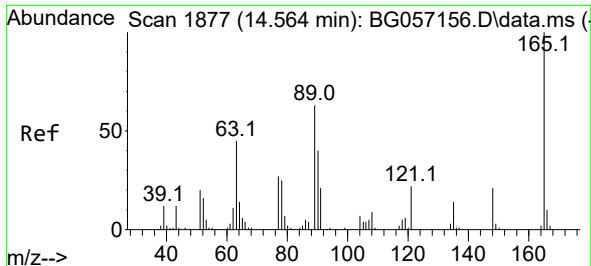
Tgt Ion:172 Resp: 396098
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.8 19.4 29.2



#48
2-Nitroaniline
Concen: 5.239 ng
RT: 13.625 min Scan# 1717
Delta R.T. -0.458 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion: 65 Resp: 575
Ion Ratio Lower Upper
65 100
92 226.7 54.9 82.3#
138 37.6 86.6 129.8#

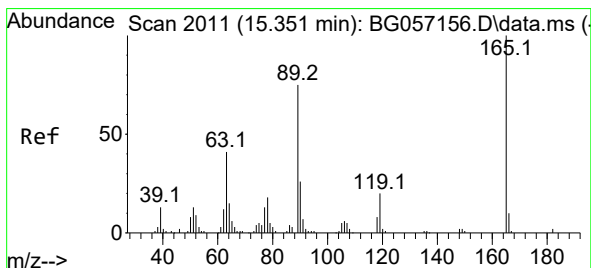
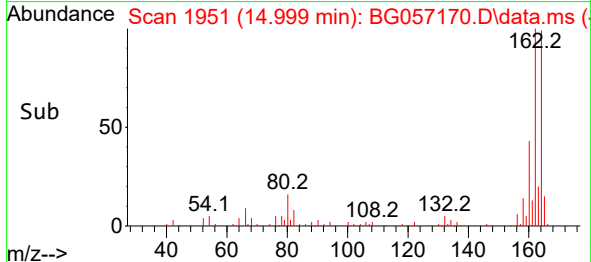
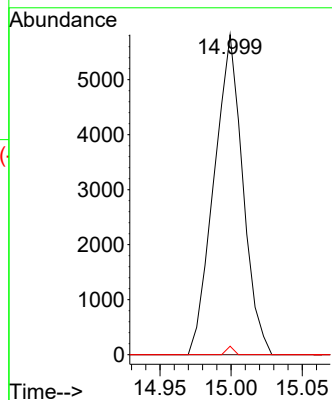
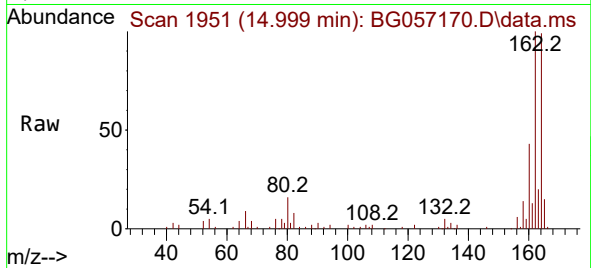




#51
2,6-Dinitrotoluene
Concen: 9.278 ng
RT: 14.999 min Scan# 1951
Delta R.T. 0.435 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

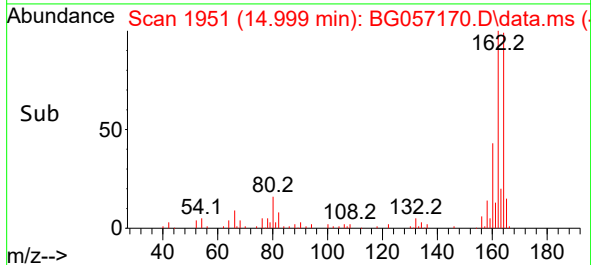
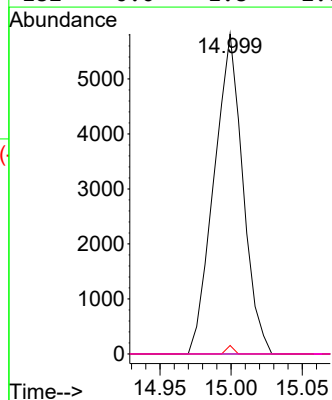
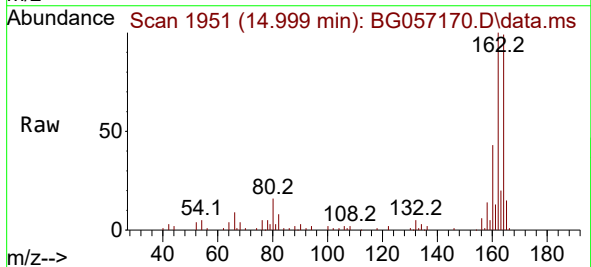
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ClientSampleId :
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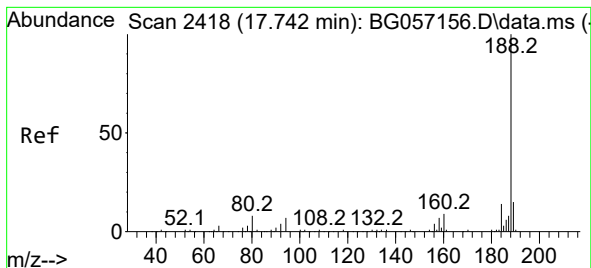
Tgt Ion:165 Resp: 8196
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 2.6 50.1 75.1#



#57
2,4-Dinitrotoluene
Concen: 6.813 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.352 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion:165 Resp: 8196
Ion Ratio Lower Upper
165 100
63 0.0 33.0 49.4#
89 2.6 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: BG057170.D

Acq: 25 Apr 2023 10:29

Instrument :

BNA_G

ClientSampleId :

PB152346TB

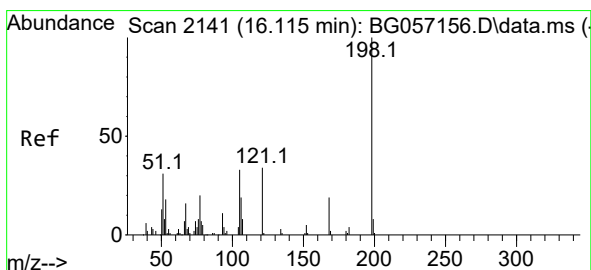
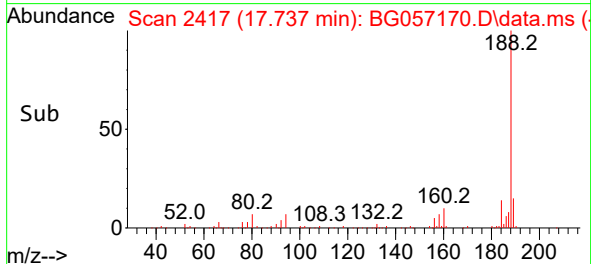
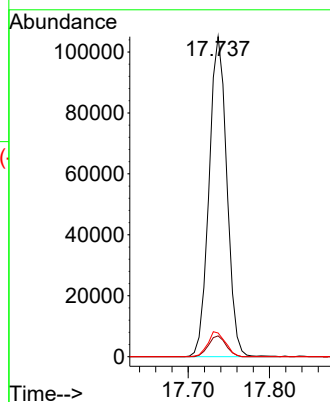
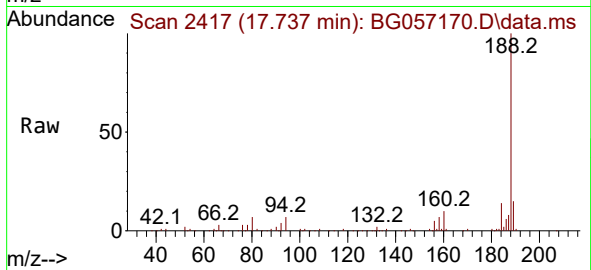
Tgt Ion:188 Resp: 159309

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.4 6.2 9.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.143 ng

RT: 16.485 min Scan# 2204

Delta R.T. 0.370 min

Lab File: BG057170.D

Acq: 25 Apr 2023 10:29

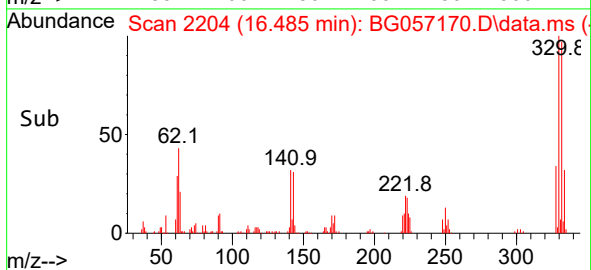
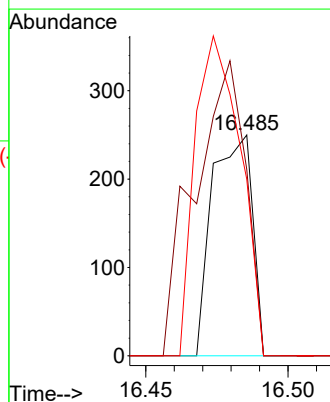
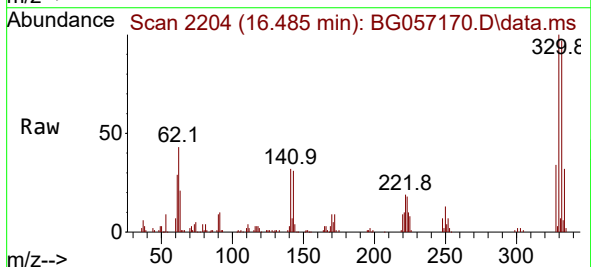
Tgt Ion:198 Resp: 244

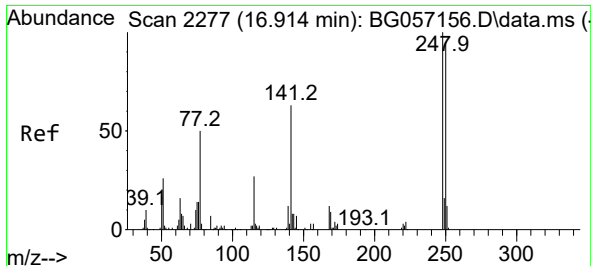
Ion Ratio Lower Upper

198 100

51 84.4 13.1 53.1#

105 80.0 14.1 54.1#

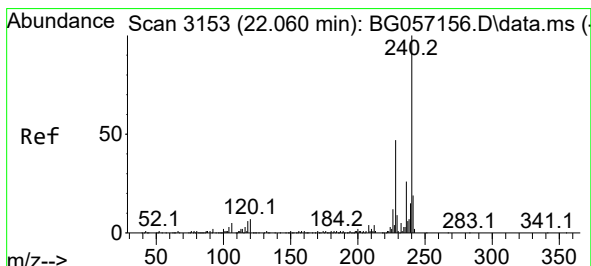
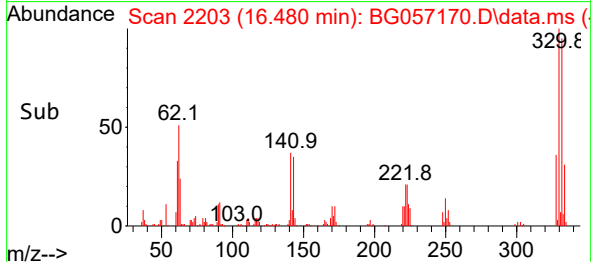
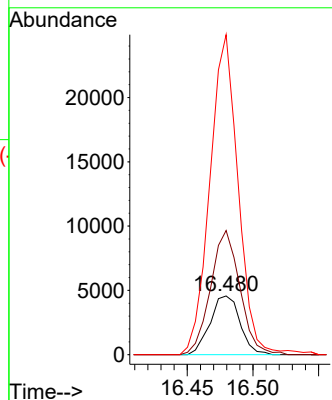
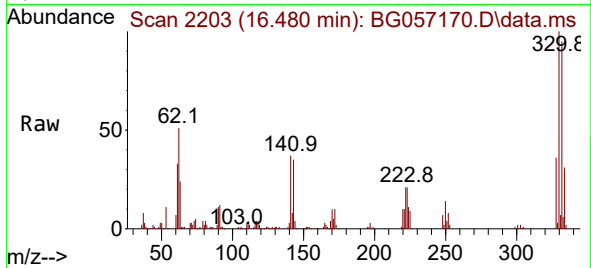




#67
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 16.480 min Scan# 211
Delta R.T. -0.434 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

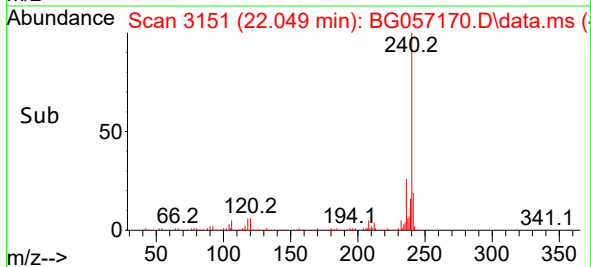
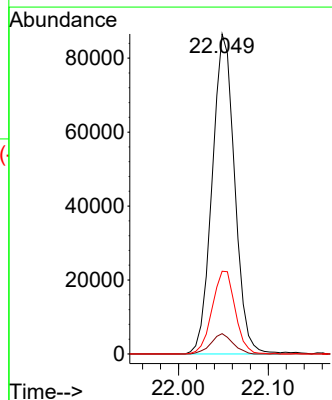
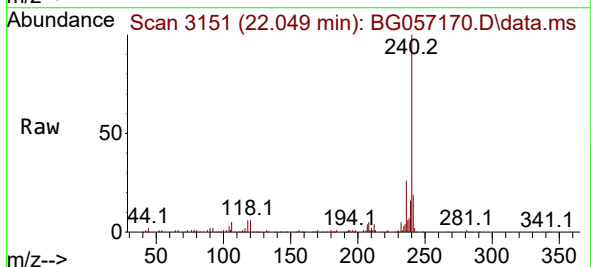
Instrument :
BNA_G
ClientSampleId :
PB152346TB

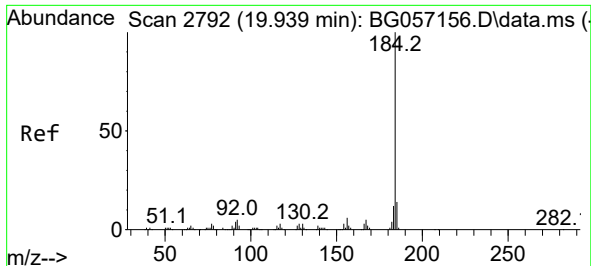
Tgt Ion:248 Resp: 7239
Ion Ratio Lower Upper
248 100
250 211.8 75.8 113.8#
141 545.7 50.1 75.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3151
Delta R.T. -0.011 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion:240 Resp: 150284
Ion Ratio Lower Upper
240 100
120 6.4 5.5 8.3
236 25.8 20.8 31.2

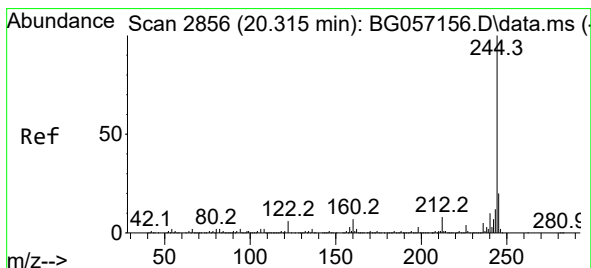
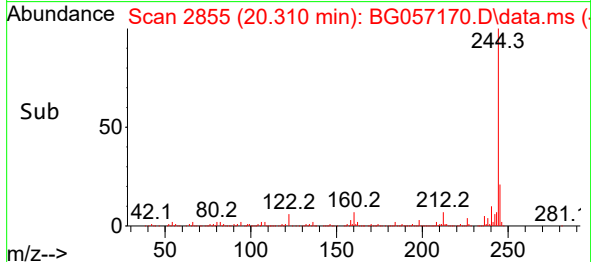
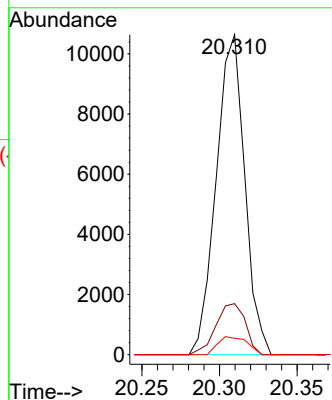
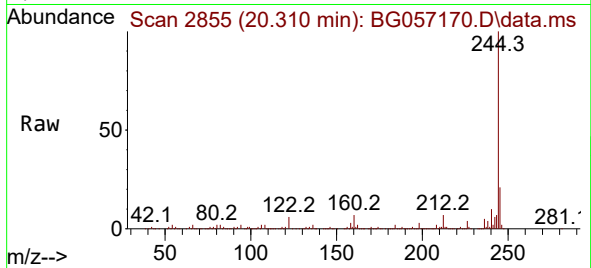




#77
Benzidine
Concen: 6.009 ng
RT: 20.310 min Scan# 2855
Delta R.T. 0.370 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

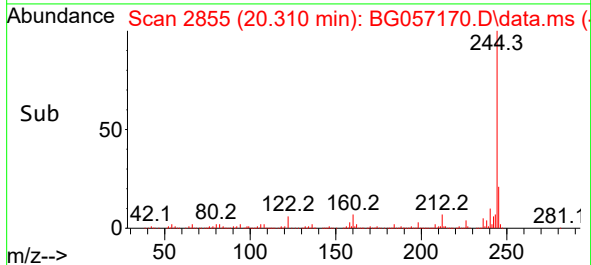
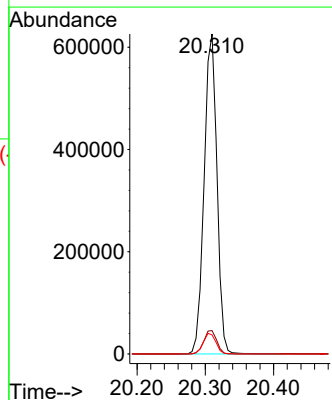
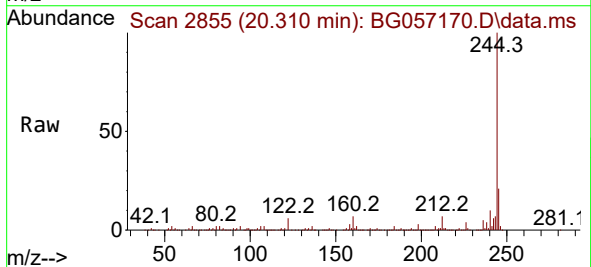
Instrument :
BNA_G
ClientSampleId :
PB152346TB

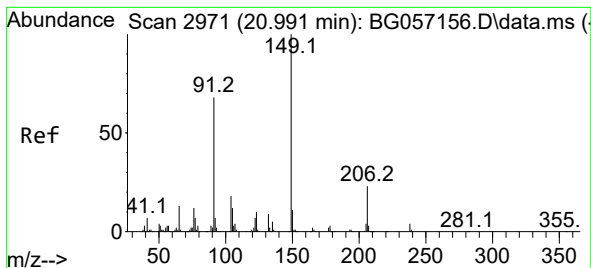
Tgt Ion:184 Resp: 13607
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 5.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 95.241 ng
RT: 20.310 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion:244 Resp: 818312
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 6.0 5.0 7.4





#80

Butylbenzylphthalate

Concen: 3.233 ng

RT: 21.250 min Scan# 3015

Delta R.T. 0.259 min

Lab File: BG057170.D

Acq: 25 Apr 2023 10:29

Instrument :

BNA_G

ClientSampleId :

PB152346TB

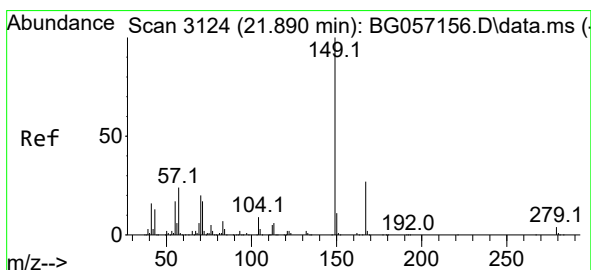
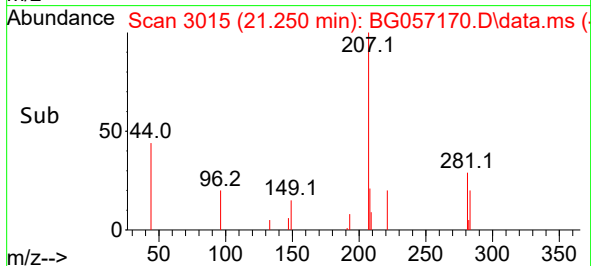
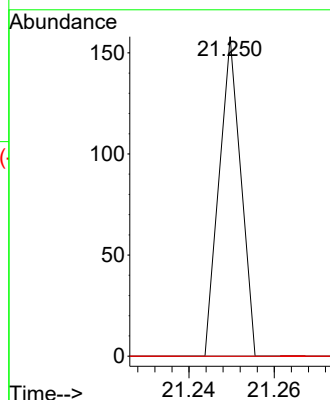
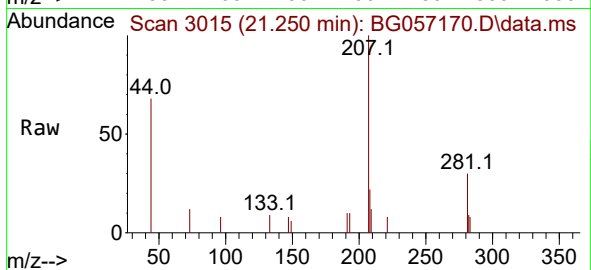
Tgt Ion:149 Resp: 56

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: 3.547 ng

RT: 21.878 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BG057170.D

Acq: 25 Apr 2023 10:29

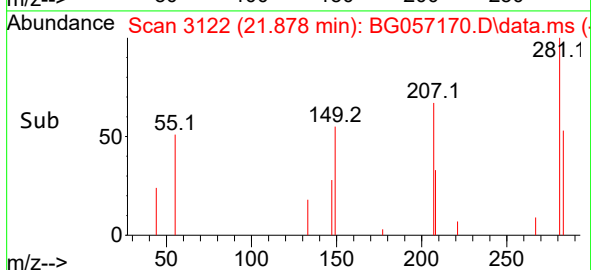
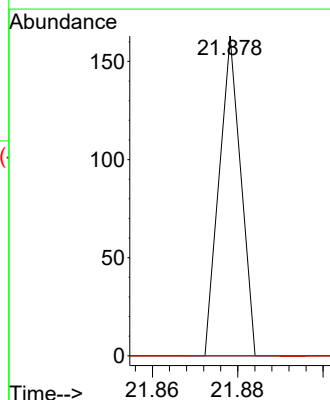
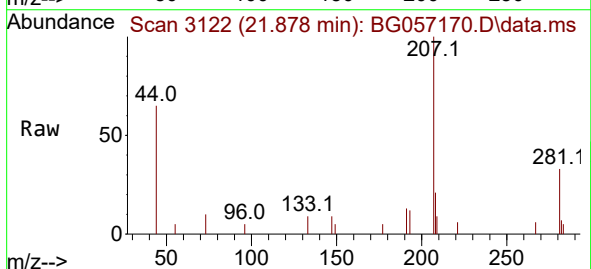
Tgt Ion:149 Resp: 57

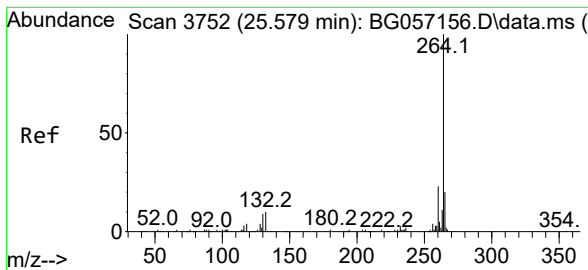
Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

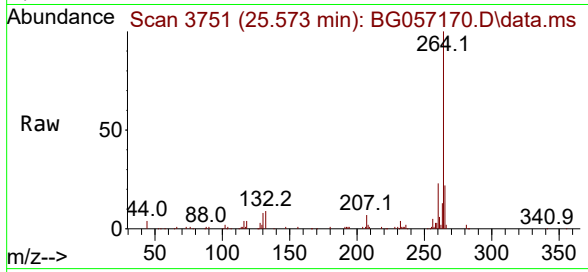
279 0.0 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.573 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG057170.D
 Acq: 25 Apr 2023 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB152346TB



Tgt Ion: 264 Resp: 153338

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.7	16.4	24.6

