

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057179.D
 Acq On : 25 Apr 2023 16:42
 Operator : CG/JU
 Sample : 02423-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 00:23:23 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)

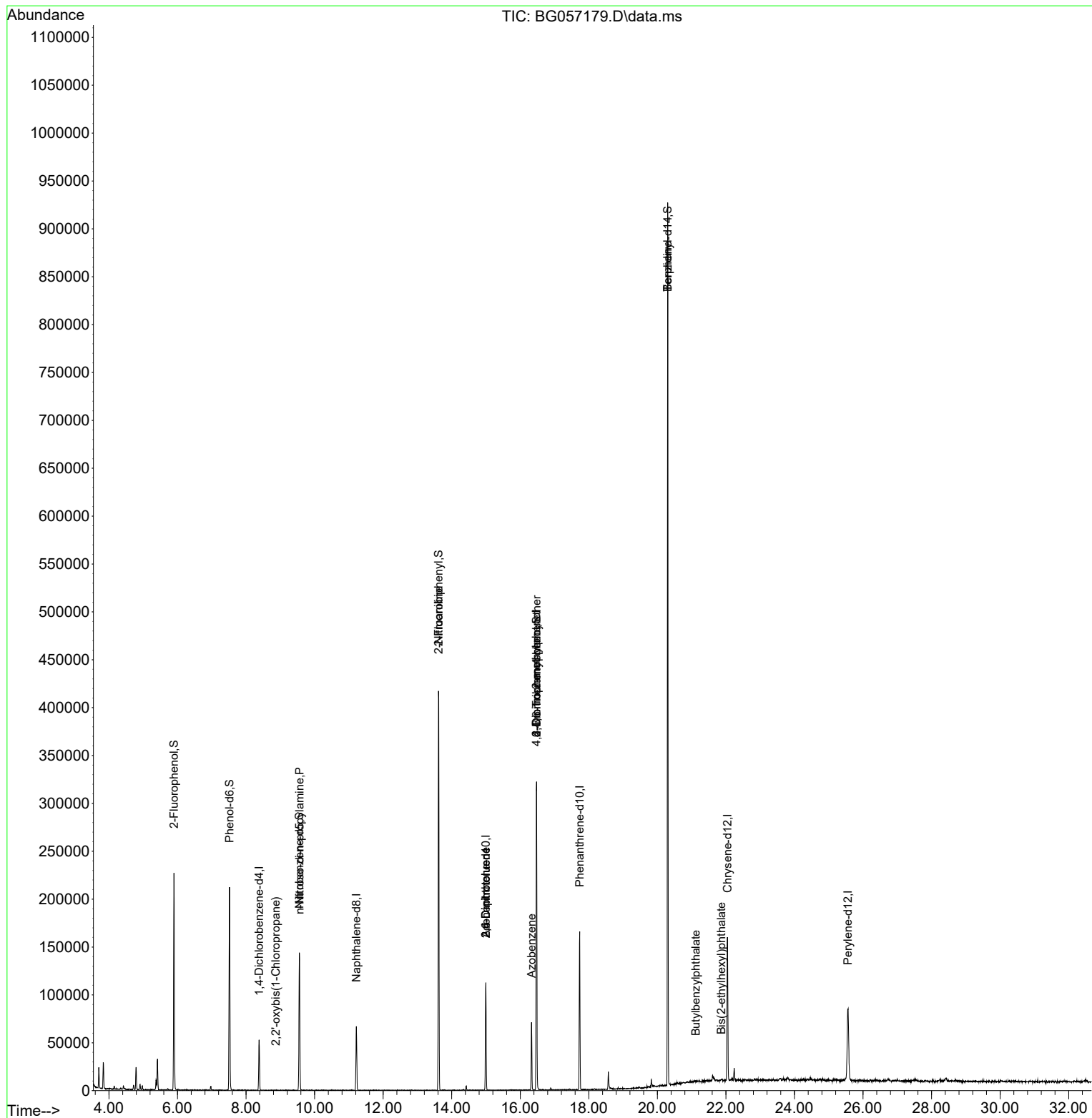
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	13583	20.000	ng	0.00
21) Naphthalene-d8	11.218	136	52880	20.000	ng	0.00
39) Acenaphthene-d10	14.995	164	40175	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	108638	20.000	ng	0.00
76) Chrysene-d12	22.045	240	99777	20.000	ng	#-0.02
86) Perylene-d12	25.558	264	96062	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	88813	118.490	ng	0.00
7) Phenol-d6	7.517	99	118007	108.814	ng	0.00
23) Nitrobenzene-d5	9.556	82	89861	84.009	ng	0.00
42) 2,4,6-Tribromophenol	16.476	330	63222	119.270	ng	0.00
45) 2-Fluorobiphenyl	13.615	172	215768	72.178	ng	-0.02
79) Terphenyl-d14	20.300	244	457569	80.213	ng	-0.02
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.868	45	118	5.539	ng	61
19) n-Nitroso-di-n-propyla...	9.562	70	12282	18.208	ng	# 83
48) 2-Nitroaniline	13.621	65	320	5.138	ng	# 1
51) 2,6-Dinitrotoluene	14.995	165	5079	8.630	ng	# 21
57) 2,4-Dinitrotoluene	14.995	165	5079	6.337	ng	# 21
63) Azobenzene	16.329	77	22103	7.645	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.470	198	58	4.970	ng	# 1
67) 4-Bromophenyl-phenylether	16.476	248	4165	3.188	ng	# 1
77) Benzidine	20.300	184	7705	5.125	ng	# 93
80) Butylbenzylphthalate	21.122	149	59	3.245	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.868	149	689	3.763	ng	# 53

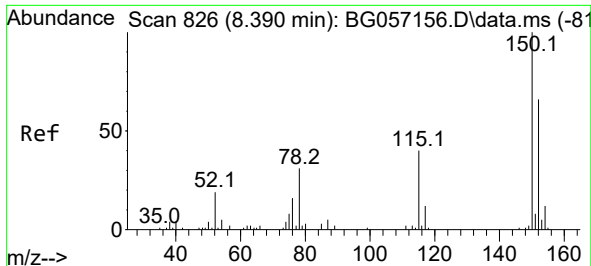
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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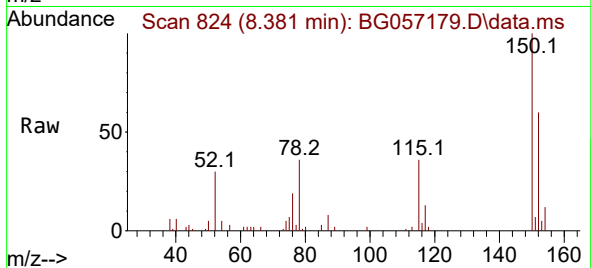
Quant Time: Apr 26 00:23:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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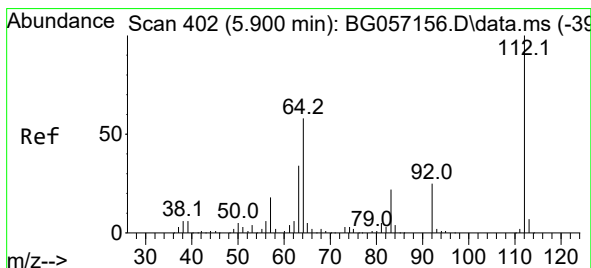
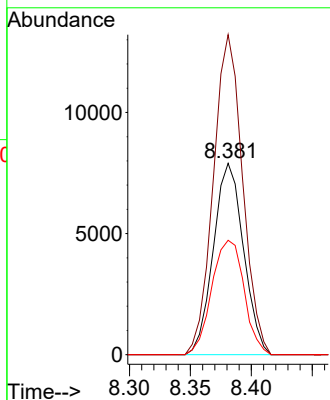
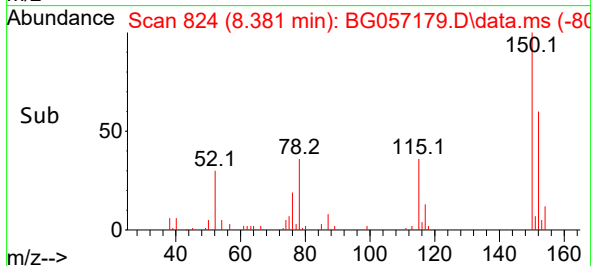


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

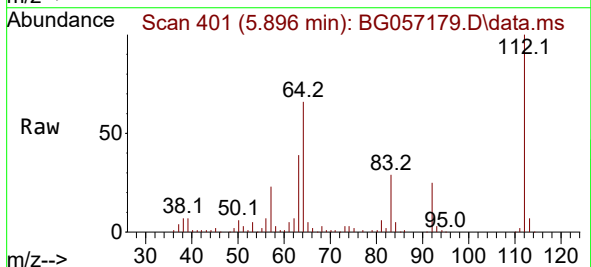
Instrument :
BNA_G
ClientSampleId :



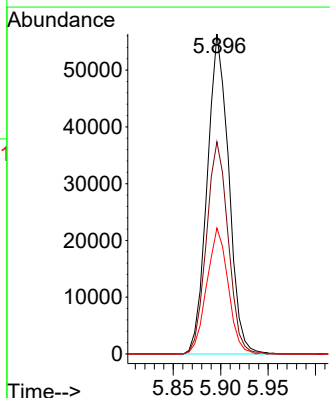
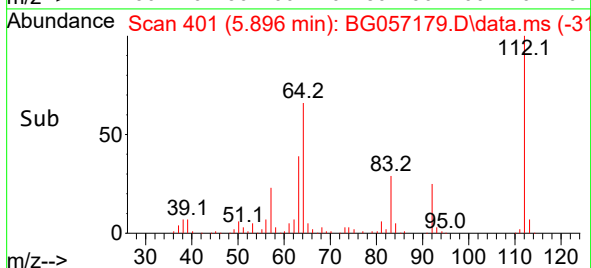
Tgt Ion:152 Resp: 13583
Ion Ratio Lower Upper
152 100
150 167.2 121.4 182.2
115 59.8 48.1 72.1

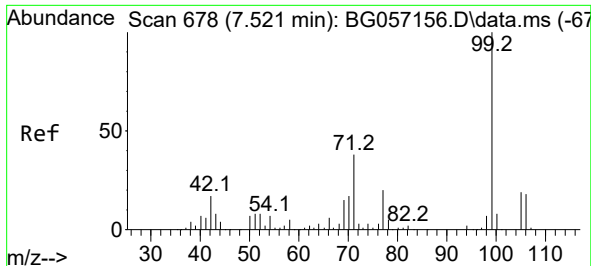


#5
2-Fluorophenol
Concen: 118.490 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42



Tgt Ion:112 Resp: 88813
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 39.3 26.9 40.3

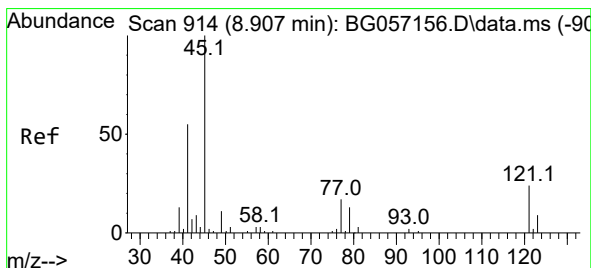
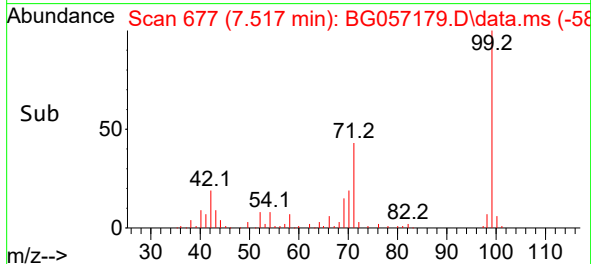
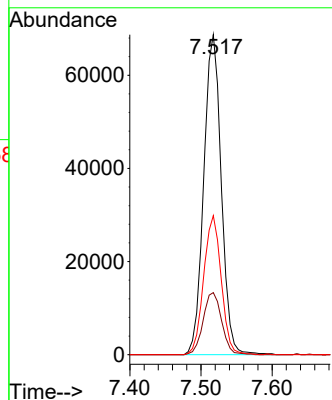
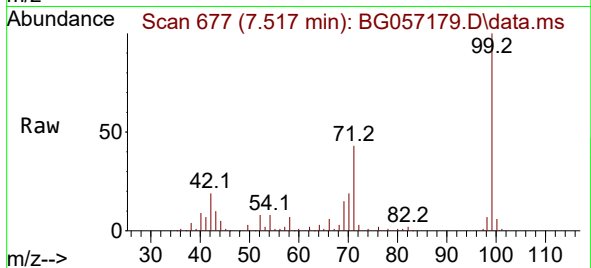




#7
Phenol-d6
Concen: 108.814 ng
RT: 7.517 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

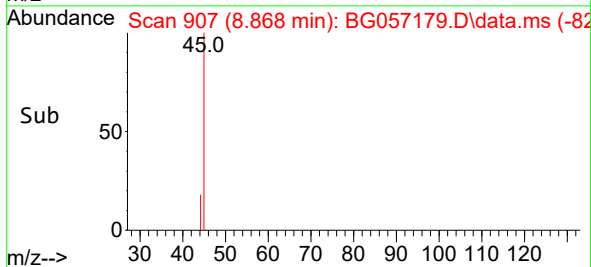
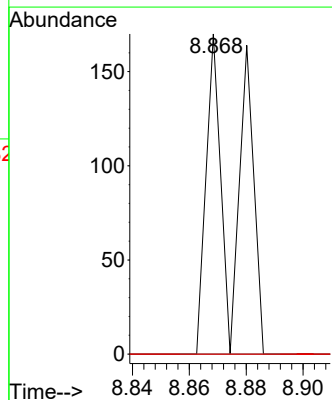
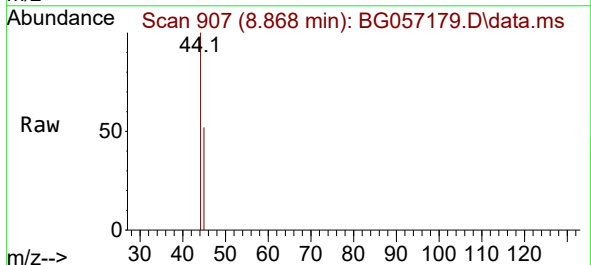
Instrument :
BNA_G
ClientSampleId :

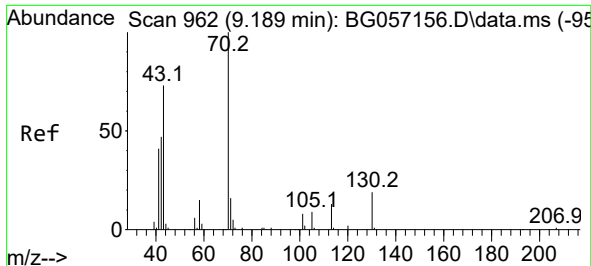
Tgt Ion: 99 Resp: 118007
Ion Ratio Lower Upper
99 100
42 19.4 13.4 20.0
71 43.4 30.2 45.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.539 ng
RT: 8.868 min Scan# 907
Delta R.T. -0.039 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

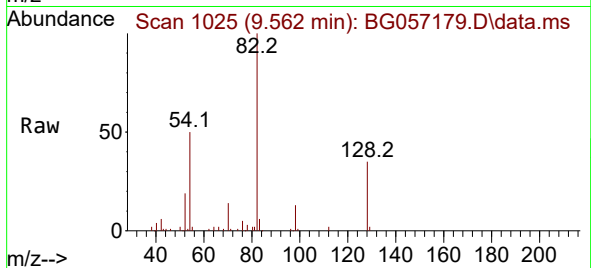
Tgt Ion: 45 Resp: 118
Ion Ratio Lower Upper
45 100
77 0.0 0.0 38.7
79 0.0 0.0 34.9



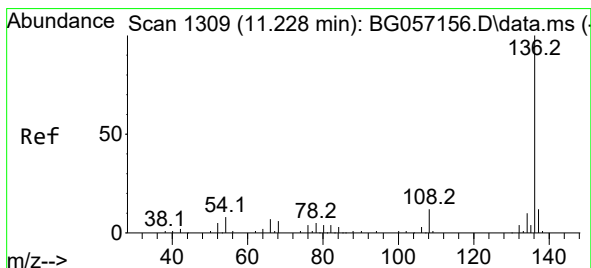
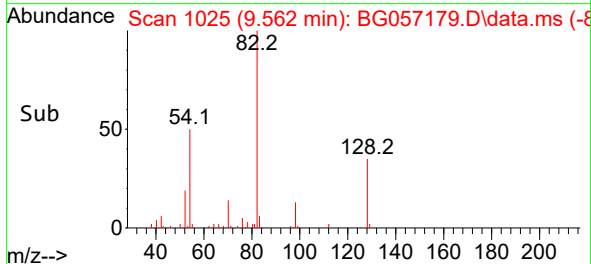
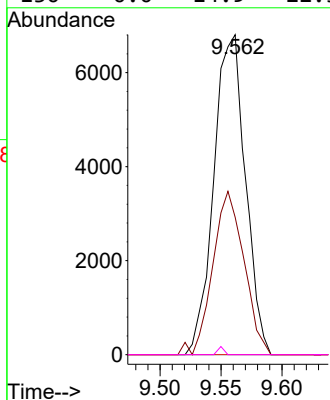


#19
n-Nitroso-di-n-propylamine
Concen: 18.208 ng
RT: 9.562 min Scan# 1025
Delta R.T. 0.373 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :

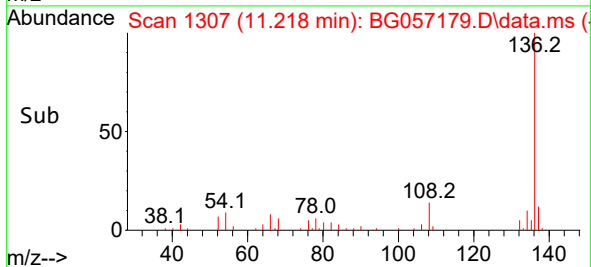
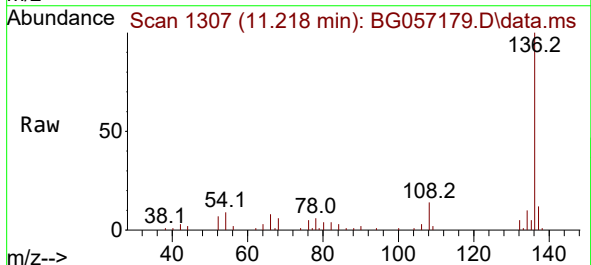
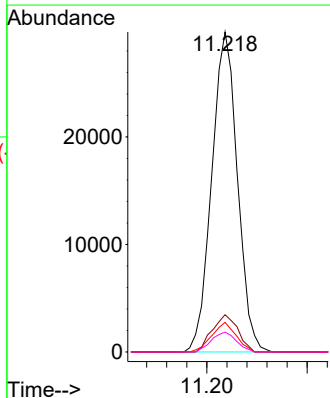


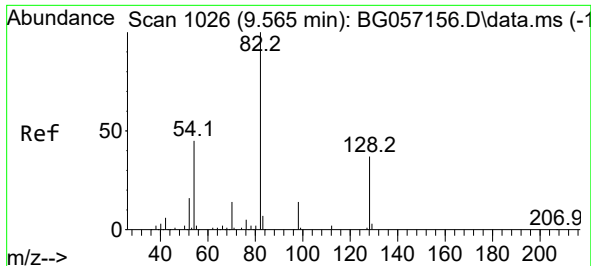
Tgt Ion:	70	Resp:	12282
Ion	Ratio	Lower	Upper
70	100		
42	43.0	38.0	57.0
101	0.0	6.6	9.8#
130	0.0	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.218 min Scan# 1307
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Tgt Ion:	136	Resp:	52880
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	9.3	6.4	9.6
68	6.2	4.9	7.3



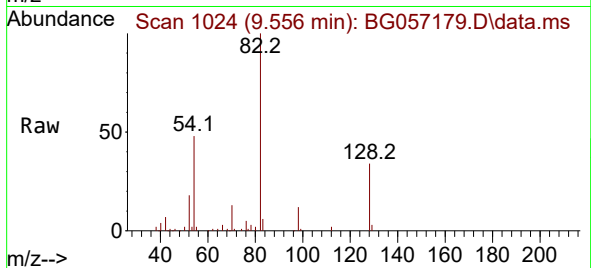


#23
Nitrobenzene-d5
Concen: 84.009 ng
RT: 9.556 min Scan# 1024
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

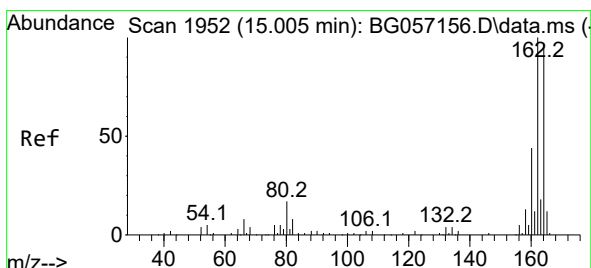
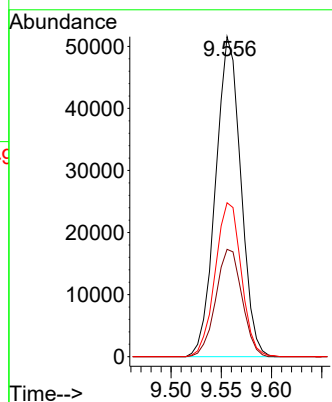
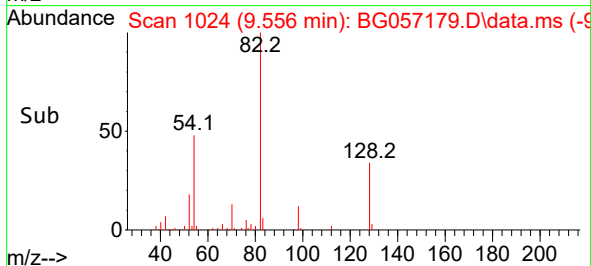
Instrument :

BNA_G

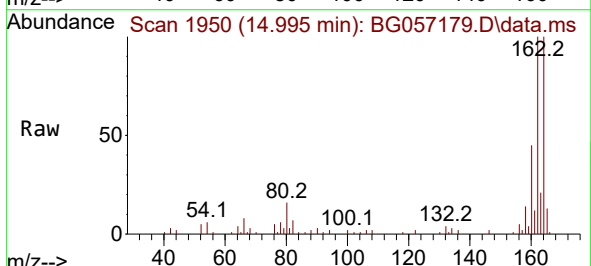
ClientSampleId :



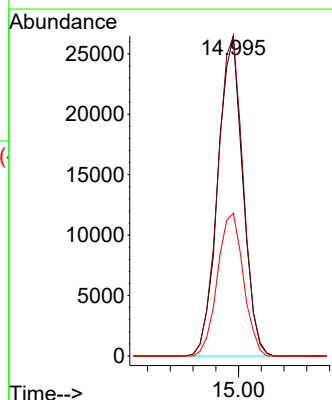
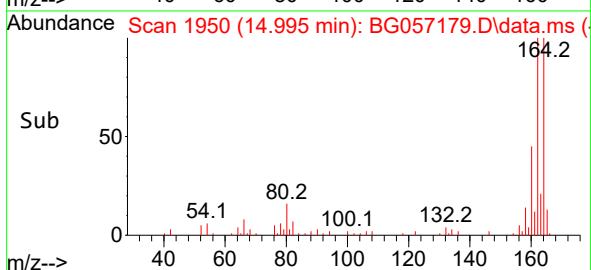
Tgt Ion: 82 Resp: 89861
Ion Ratio Lower Upper
82 100
128 33.5 29.4 44.2
54 48.1 36.2 54.2

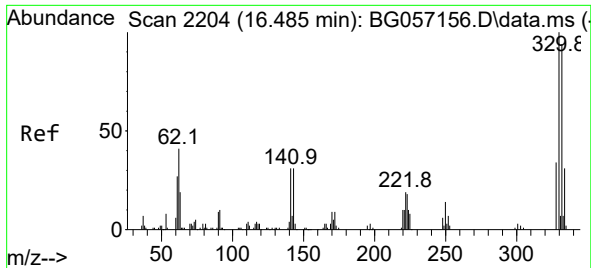


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.995 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42



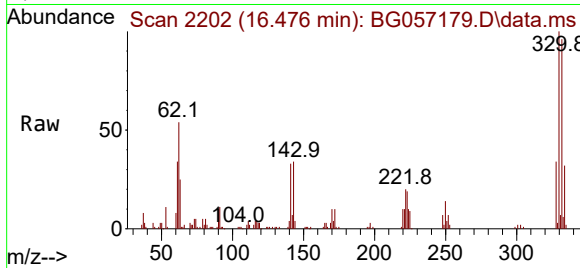
Tgt Ion: 164 Resp: 40175
Ion Ratio Lower Upper
164 100
162 99.9 82.4 123.6
160 44.6 36.2 54.2



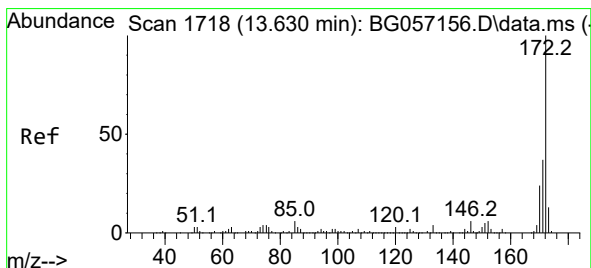
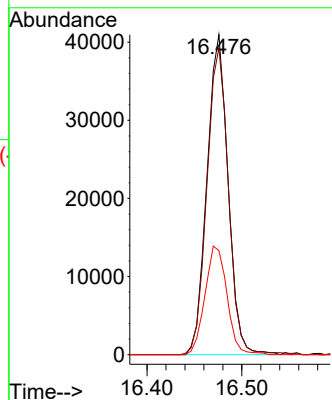
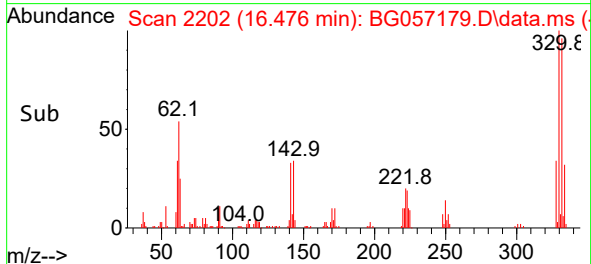


#42
2,4,6-Tribromophenol
Concen: 119.270 ng
RT: 16.476 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

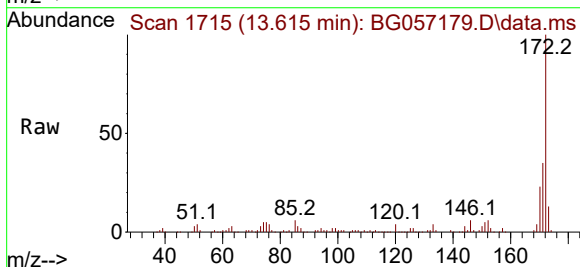
Instrument :
BNA_G
ClientSampleId :



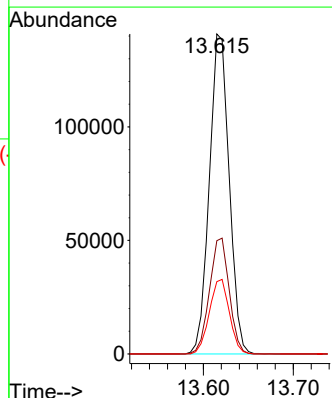
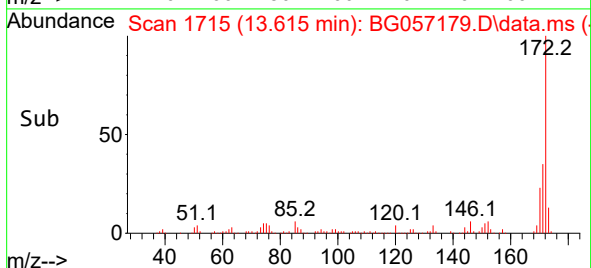
Tgt Ion:330 Resp: 63222
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 35.4 26.0 39.0

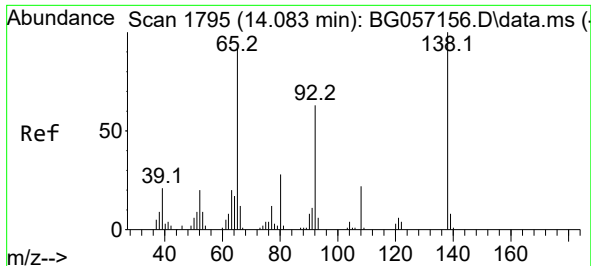


#45
2-Fluorobiphenyl
Concen: 72.178 ng
RT: 13.615 min Scan# 1715
Delta R.T. -0.015 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42



Tgt Ion:172 Resp: 215768
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 22.6 19.4 29.2

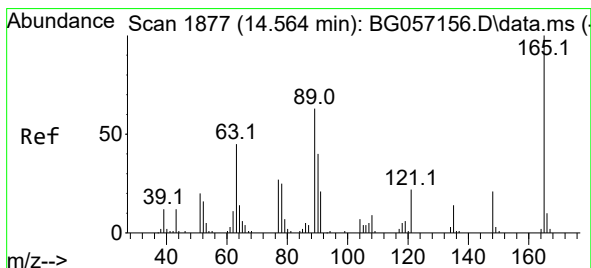
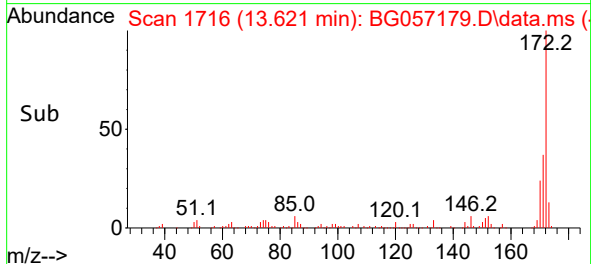
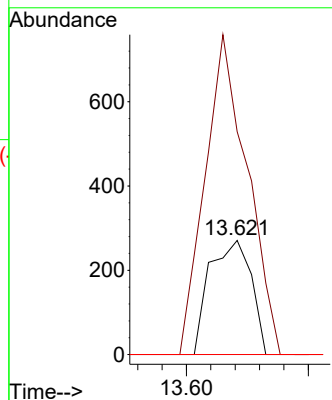
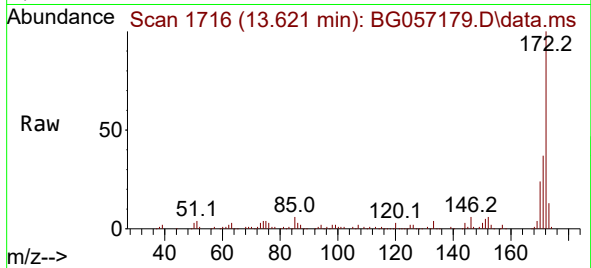




#48
2-Nitroaniline
Concen: 5.138 ng
RT: 13.621 min Scan# 11
Delta R.T. -0.462 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

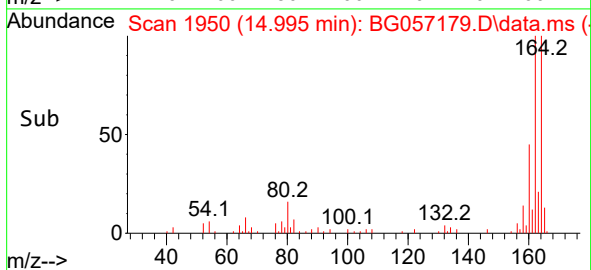
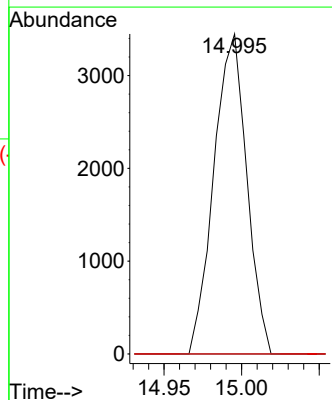
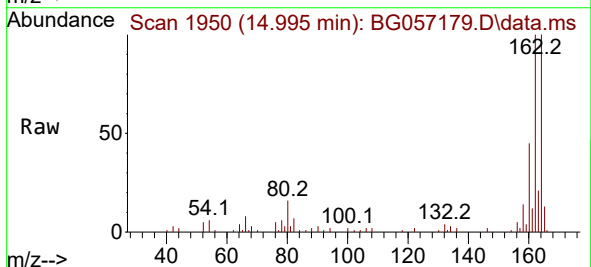
Instrument :
BNA_G
ClientSampleId :

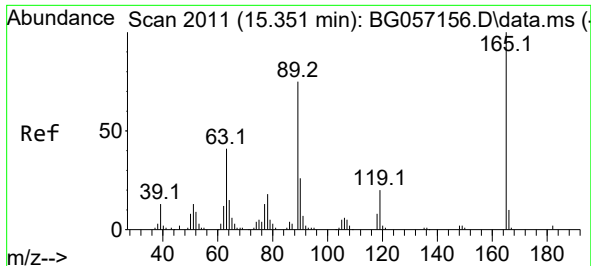
Tgt Ion: 65 Resp: 320
Ion Ratio Lower Upper
65 100
92 195.2 54.9 82.3#
138 0.0 86.6 129.8#



#51
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 14.995 min Scan# 1950
Delta R.T. 0.431 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Tgt Ion:165 Resp: 5079
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: 6.337 ng

RT: 14.995 min Scan# 1950

Delta R.T. -0.356 min

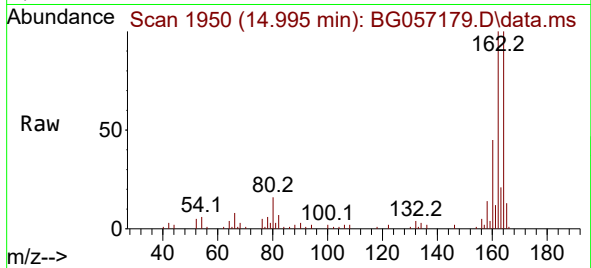
Lab File: BG057179.D

Acq: 25 Apr 2023 16:42

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 5079

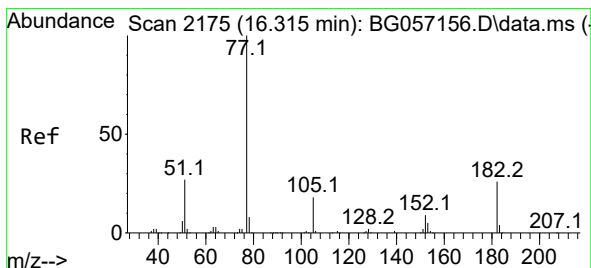
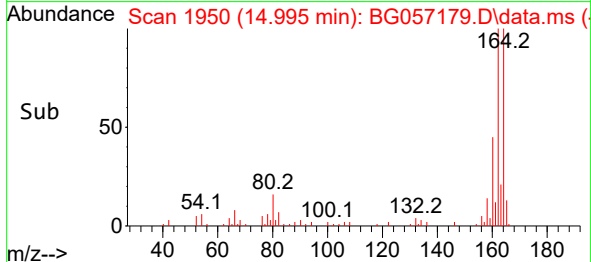
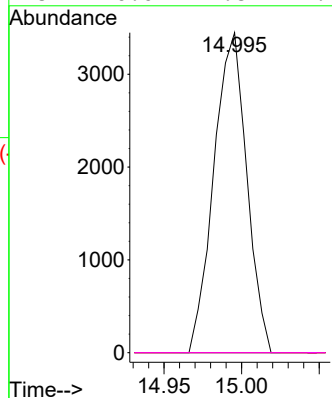
Ion Ratio Lower Upper

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: 7.645 ng

RT: 16.329 min Scan# 2177

Delta R.T. 0.014 min

Lab File: BG057179.D

Acq: 25 Apr 2023 16:42

Tgt Ion: 77 Resp: 22103

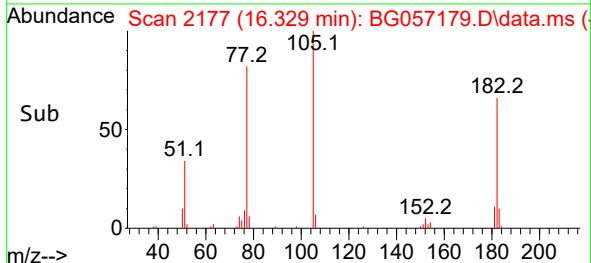
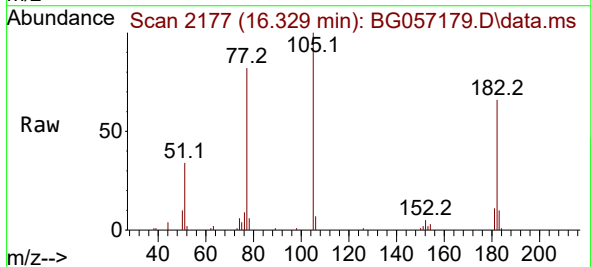
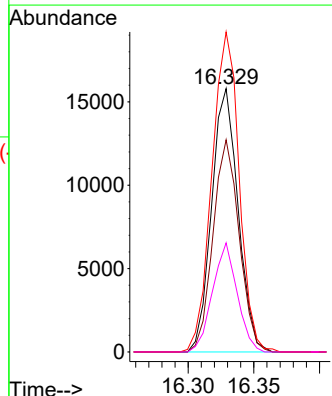
Ion Ratio Lower Upper

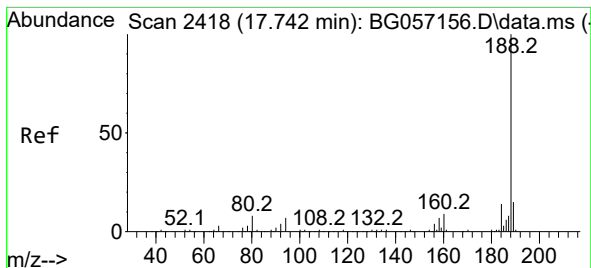
77 100

182 80.6 6.1 46.1#

105 121.5 0.0 38.4#

51 41.5 6.9 46.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.733 min Scan# 2418

Delta R.T. -0.009 min

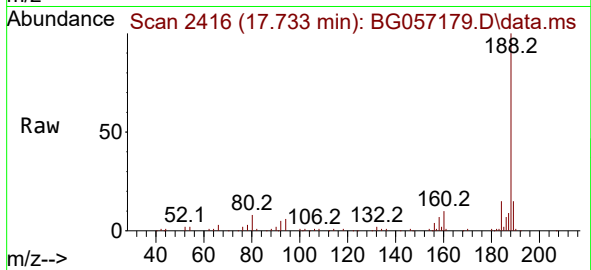
Lab File: BG057179.D

Acq: 25 Apr 2023 16:42

Instrument :

BNA_G

ClientSampleId :



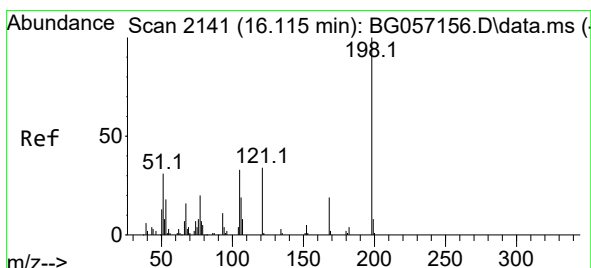
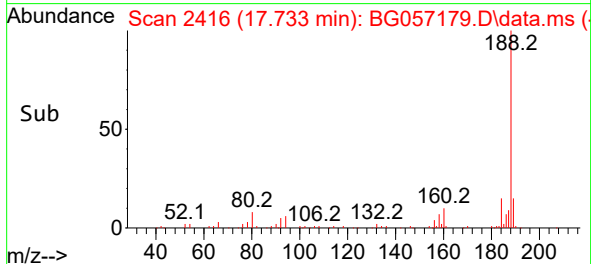
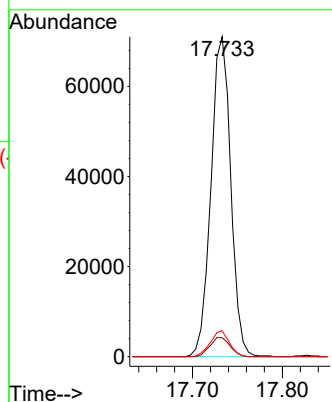
Tgt Ion:188 Resp: 108638

Ion Ratio Lower Upper

188 100

94 5.9 5.4 8.0

80 8.1 6.2 9.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.970 ng

RT: 16.470 min Scan# 2201

Delta R.T. 0.355 min

Lab File: BG057179.D

Acq: 25 Apr 2023 16:42

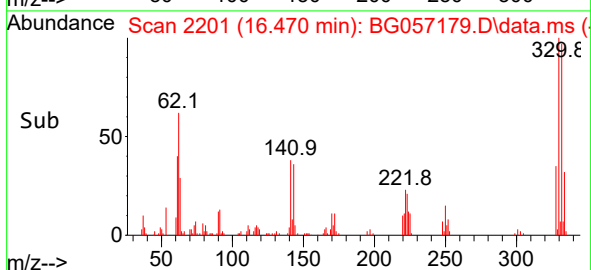
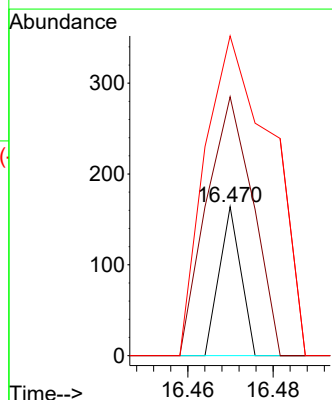
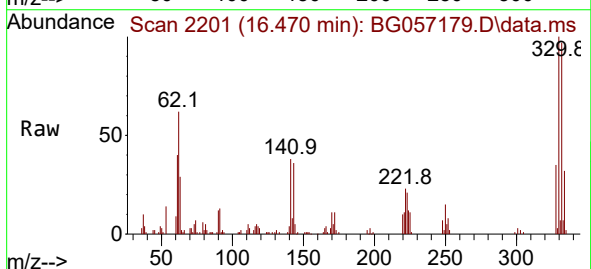
Tgt Ion:198 Resp: 58

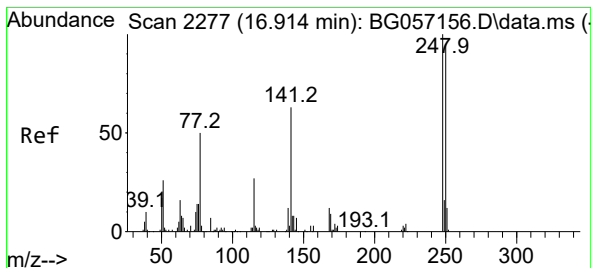
Ion Ratio Lower Upper

198 100

51 173.8 13.1 53.1#

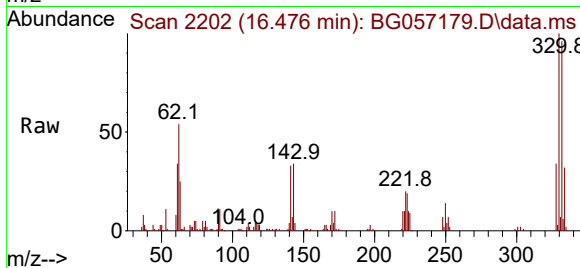
105 214.6 14.1 54.1#



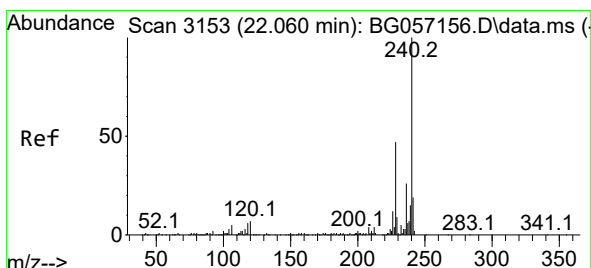
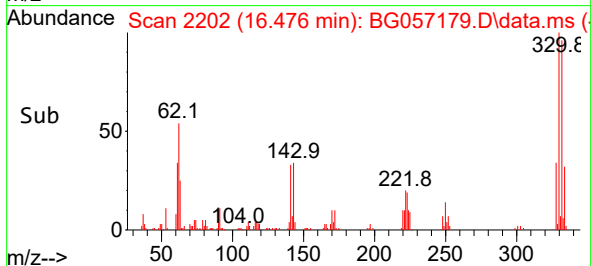
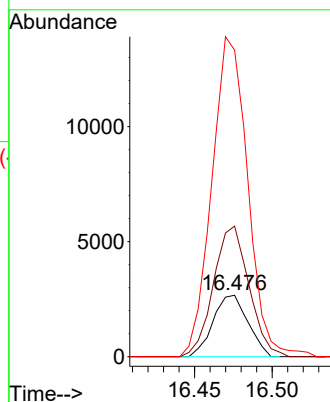


#67
4-Bromophenyl-phenylether
Concen: 3.188 ng
RT: 16.476 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :

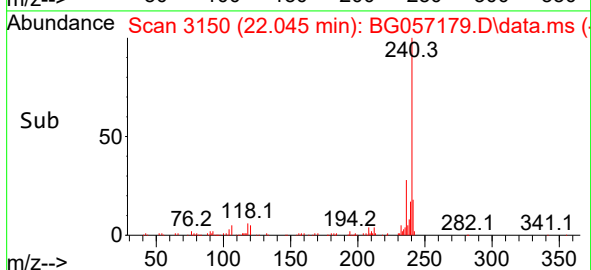
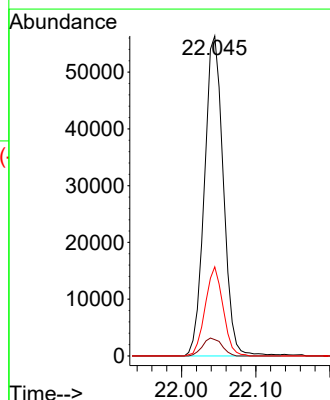
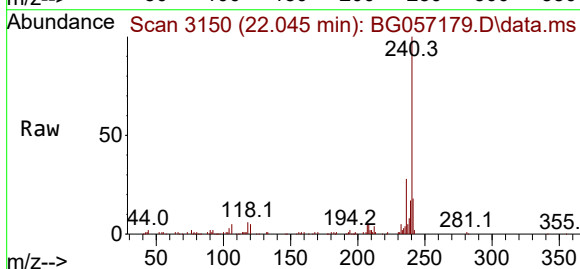


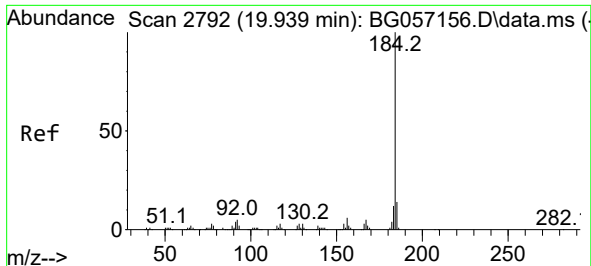
Tgt Ion:248 Resp: 4165
Ion Ratio Lower Upper
248 100
250 212.5 75.8 113.8#
141 499.1 50.1 75.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3150
Delta R.T. -0.015 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

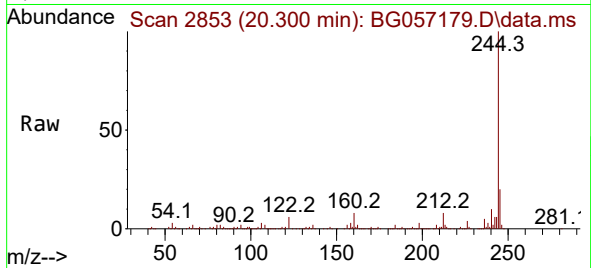
Tgt Ion:240 Resp: 99777
Ion Ratio Lower Upper
240 100
120 5.1 5.5 8.3#
236 27.9 20.8 31.2



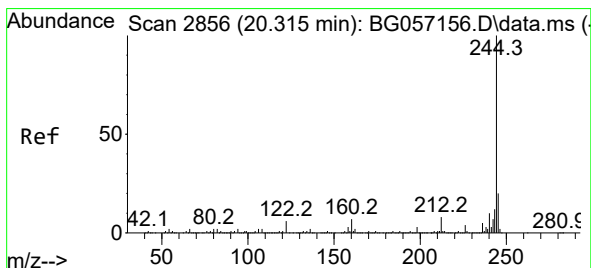
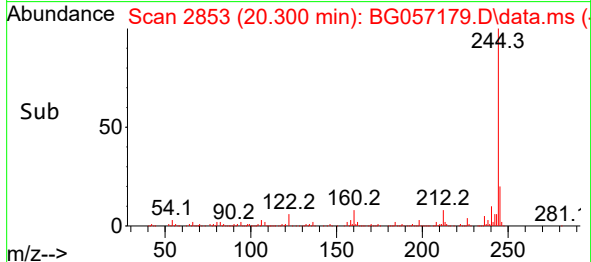
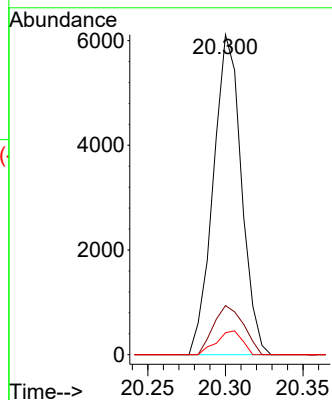


#77
Benzidine
Concen: 5.125 ng
RT: 20.300 min Scan# 21
Delta R.T. 0.361 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :

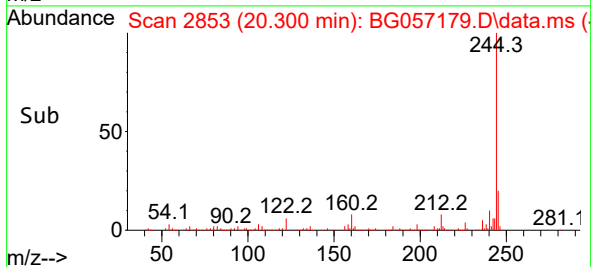
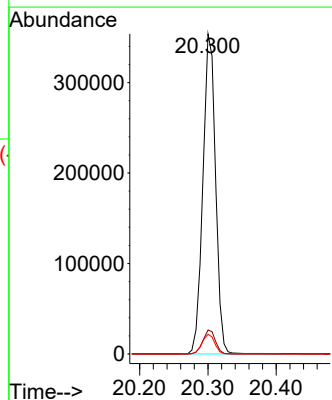
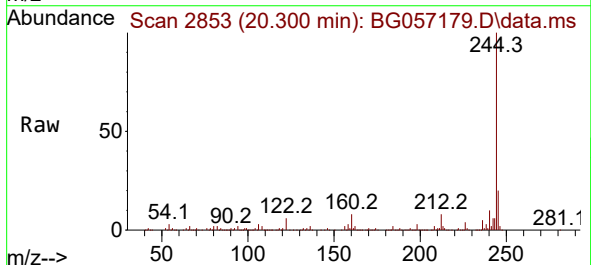


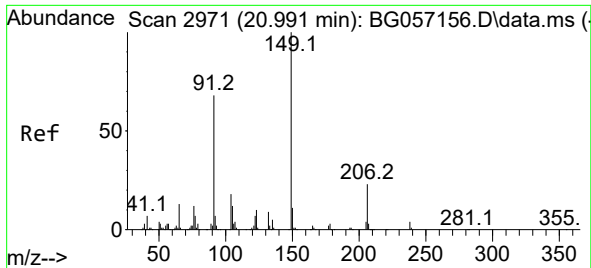
Tgt Ion:184 Resp: 7705
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.213 ng
RT: 20.300 min Scan# 2853
Delta R.T. -0.015 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

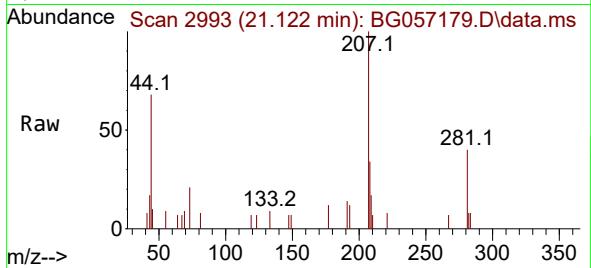
Tgt Ion:244 Resp: 457569
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 6.1 5.0 7.4



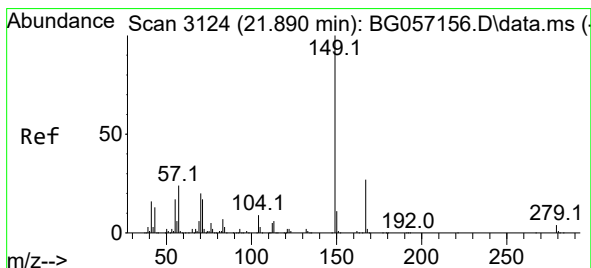
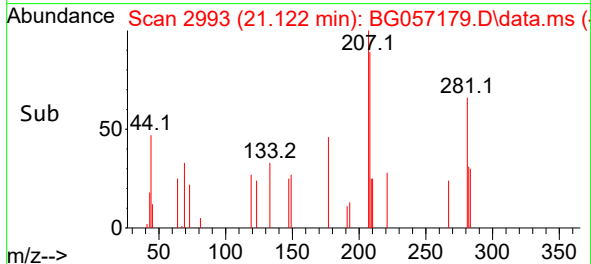
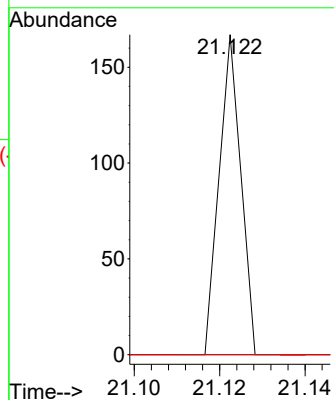


#80
 Butylbenzylphthalate
 Concen: 3.245 ng
 RT: 21.122 min Scan# 21
 Delta R.T. 0.131 min
 Lab File: BG057179.D
 Acq: 25 Apr 2023 16:42

Instrument :
 BNA_G
 ClientSampleId :

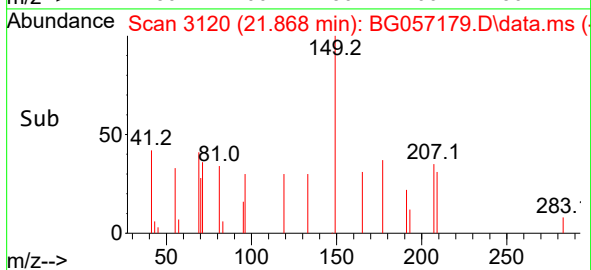
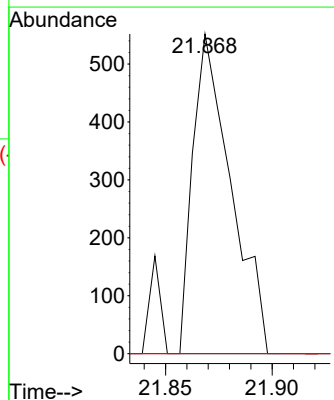
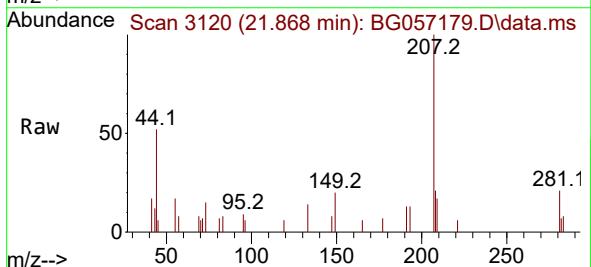


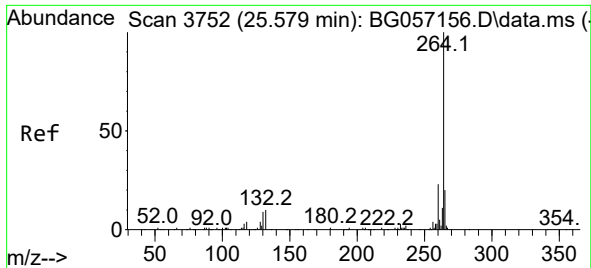
Tgt Ion:149 Resp: 59
 Ion Ratio Lower Upper
 149 100
 91 0.0 54.1 81.1#
 206 0.0 18.2 27.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.763 ng
 RT: 21.868 min Scan# 3120
 Delta R.T. -0.022 min
 Lab File: BG057179.D
 Acq: 25 Apr 2023 16:42

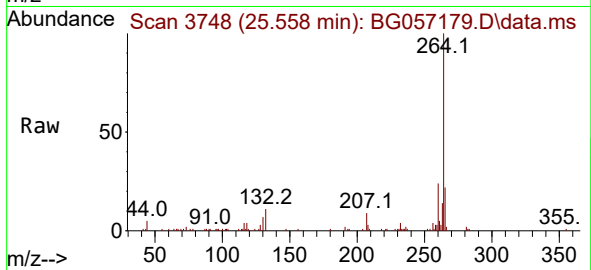
Tgt Ion:149 Resp: 689
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.558 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG057179.D
Acq: 25 Apr 2023 16:42

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	264	Resp:	96062
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.8	28.2
265	21.7	16.4	24.6

