

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057408.D
 Acq On : 12 May 2023 13:57
 Operator : CG/JU
 Sample : PB152612TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152612TB

Quant Time: May 12 23:18:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

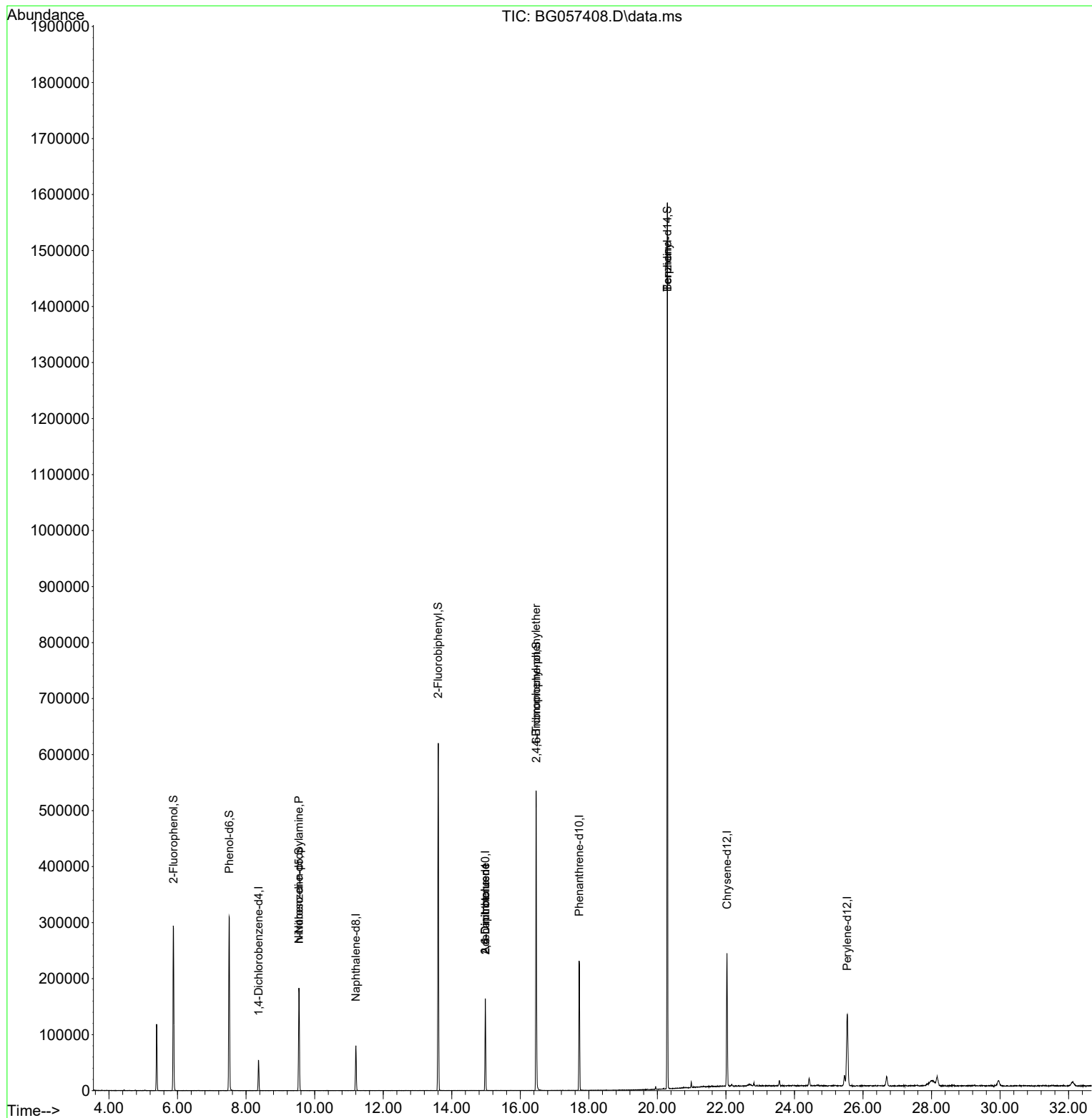
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	16087	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	67734	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	58555	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	164228	20.000	ng	0.00
76) Chrysene-d12	22.031	240	161932	20.000	ng	0.00
86) Perylene-d12	25.538	264	162956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	128618	136.766	ng	0.00
7) Phenol-d6	7.509	99	189383	132.615	ng	0.00
23) Nitrobenzene-d5	9.542	82	118349	73.334	ng	0.00
42) 2,4,6-Tribromophenol	16.468	330	113785	136.953	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	335639	77.199	ng	0.00
79) Terphenyl-d14	20.292	244	796129	80.232	ng	0.00
Target Compounds						
9) Benzaldehyde	7.497	77	347	Below Cal	Qvalue	
19) n-Nitroso-di-n-propyla...	9.542	70	16654	15.294 ng	#	4
51) 2,6-Dinitrotoluene	14.981	165	7652	7.789 ng	#	80
57) 2,4-Dinitrotoluene	14.981	165	7652	5.450 ng	#	17
67) 4-Bromophenyl-phenylether	16.462	248	7630	3.806 ng	#	20
77) Benzidine	20.292	184	11731	3.240 ng	#	1

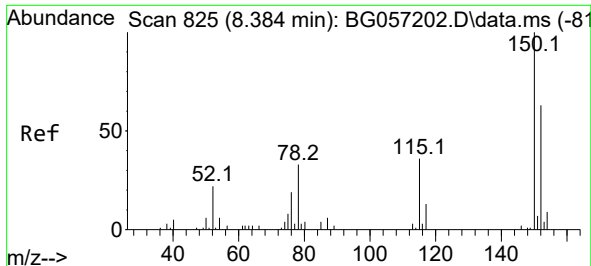
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057408.D
Acq On : 12 May 2023 13:57
Operator : CG/JU
Sample : PB152612TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152612TB

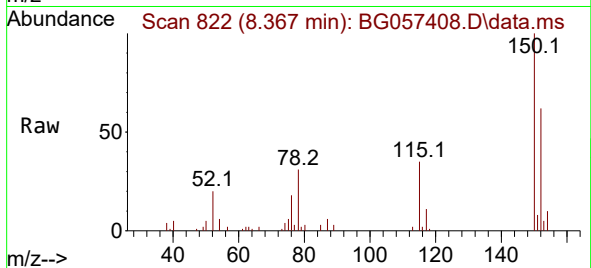
Quant Time: May 12 23:18:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration



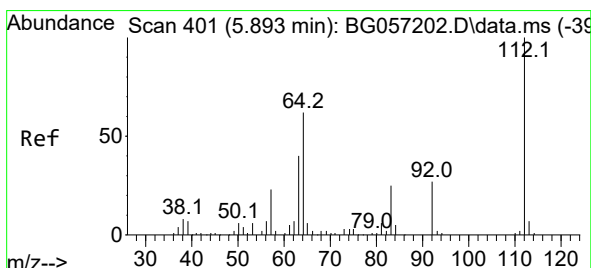
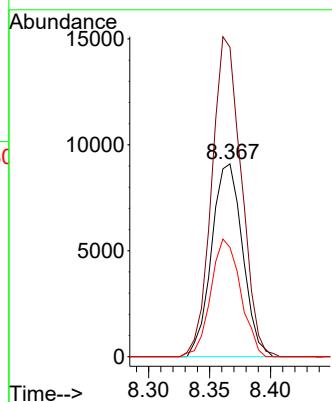
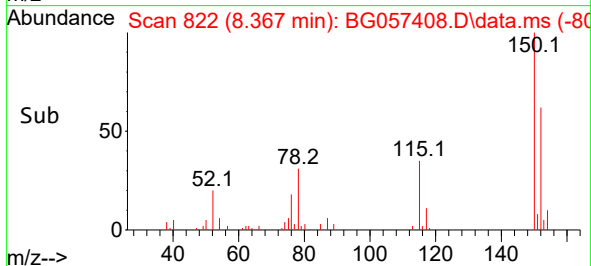


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.367 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

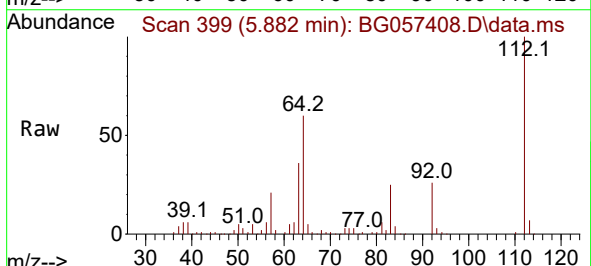
Instrument :
BNA_G
ClientSampleId :
PB152612TB



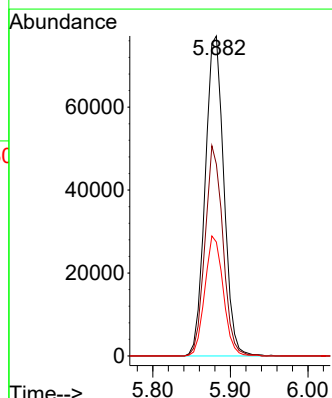
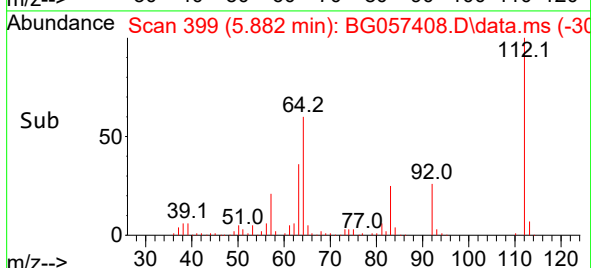
Tgt Ion:152 Resp: 16087
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.4
115 56.7 45.0 67.4

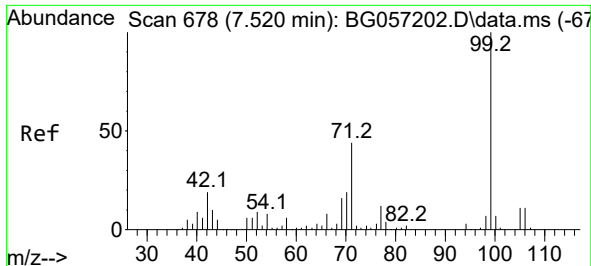


#5
2-Fluorophenol
Concen: 136.766 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.003 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57



Tgt Ion:112 Resp: 128618
Ion Ratio Lower Upper
112 100
64 60.0 49.4 74.2
63 35.6 31.6 47.4

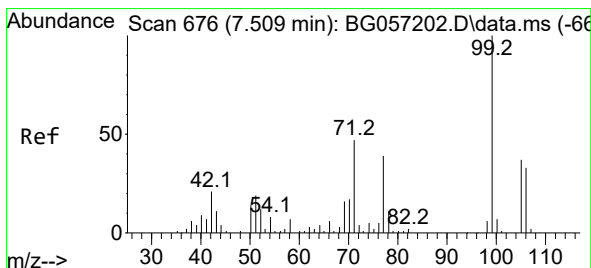
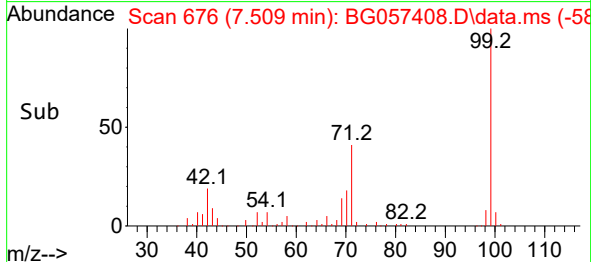
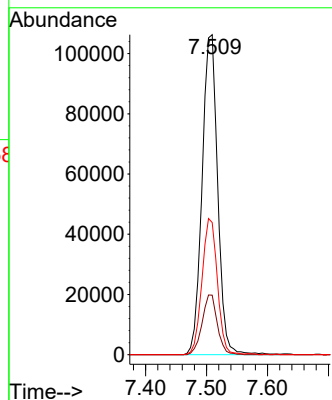
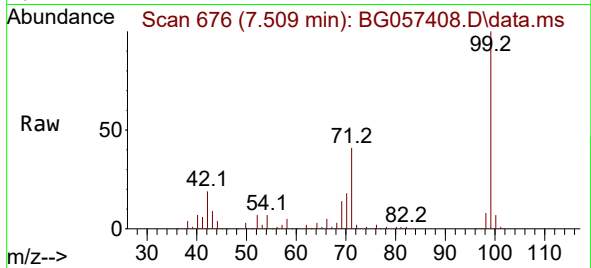




#7
Phenol-d6
Concen: 132.615 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

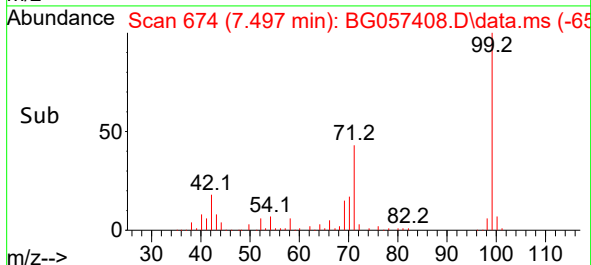
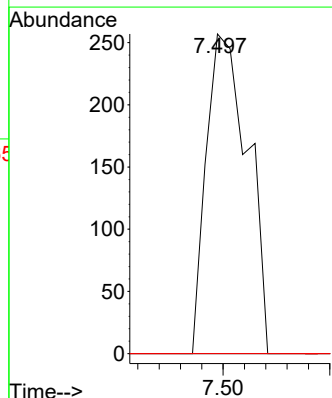
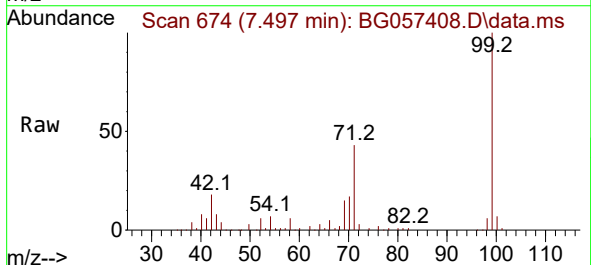
Instrument :
BNA_G
ClientSampleId :
PB152612TB

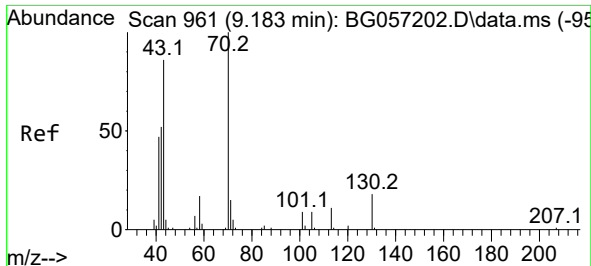
Tgt Ion: 99 Resp: 189383
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 41.3 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.497 min Scan# 674
Delta R.T. 0.009 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

Tgt Ion: 77 Resp: 347
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

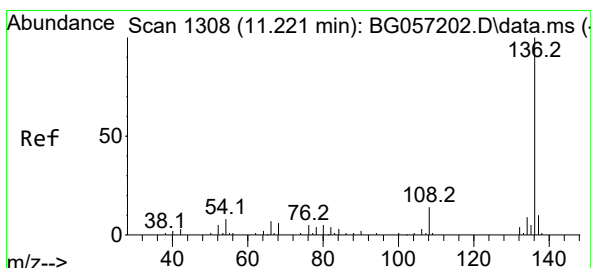
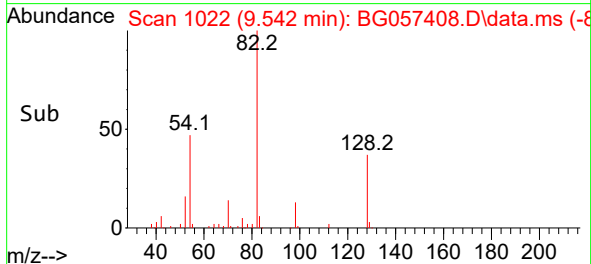
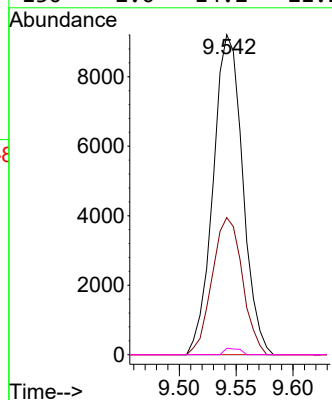
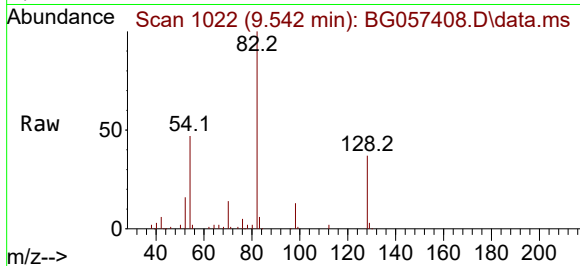




#19
n-Nitroso-di-n-propylamine
Concen: 15.294 ng
RT: 9.542 min Scan# 1022
Delta R.T. 0.373 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

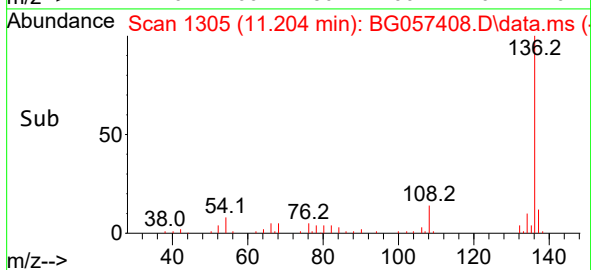
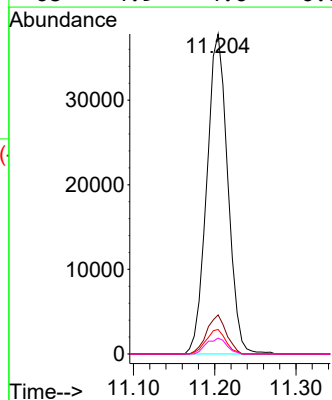
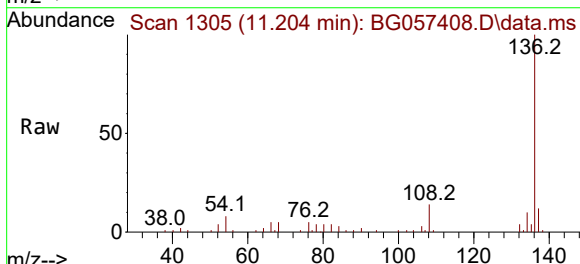
Instrument :
BNA_G
ClientSampleId :
PB152612TB

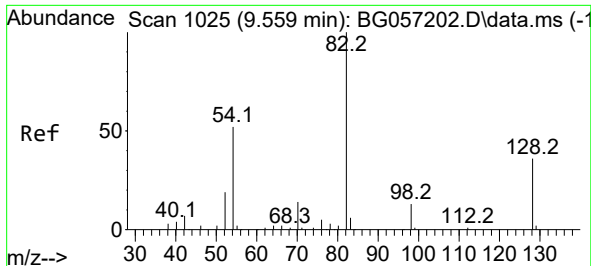
Tgt Ion: 70	Resp: 16654
Ion Ratio	Lower Upper
70 100	
42 42.8	41.8 62.8
101 0.0	6.8 10.2#
130 2.0	14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 1305
Delta R.T. 0.003 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

Tgt Ion: 136	Resp: 67734
Ion Ratio	Lower Upper
136 100	
137 12.2	8.3 12.5
54 7.7	6.7 10.1
68 4.9	4.6 6.8





#23
 Nitrobenzene-d5
 Concen: 73.334 ng
 RT: 9.542 min Scan# 1022
 Delta R.T. -0.003 min
 Lab File: BG057408.D
 Acq: 12 May 2023 13:57

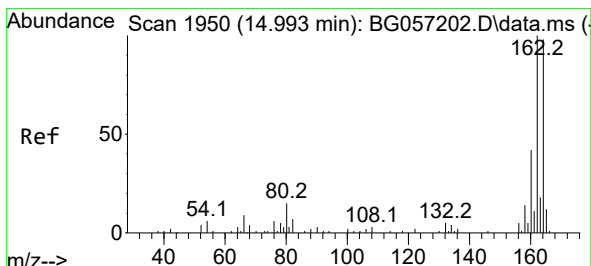
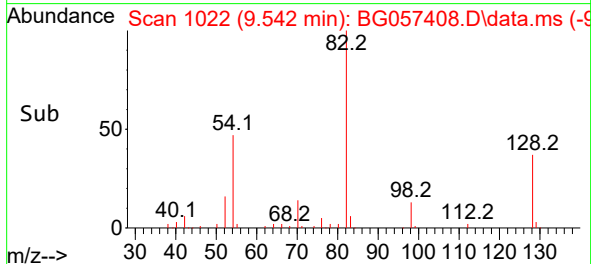
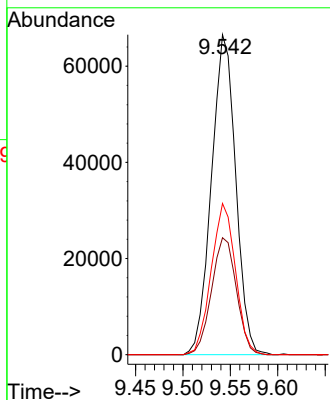
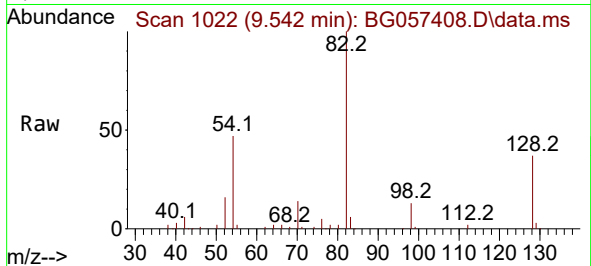
Instrument :

BNA_G

ClientSampleId :

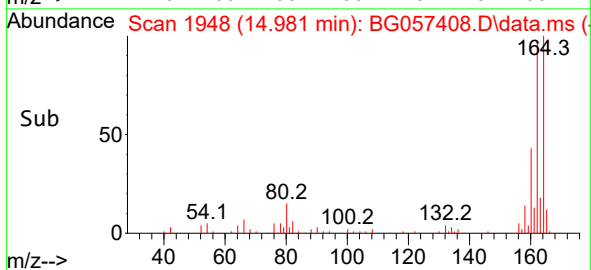
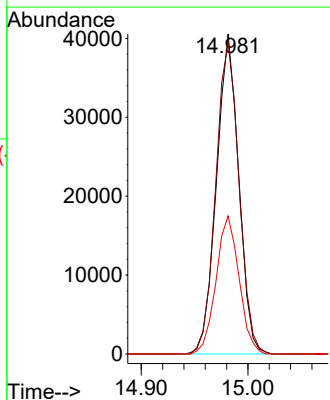
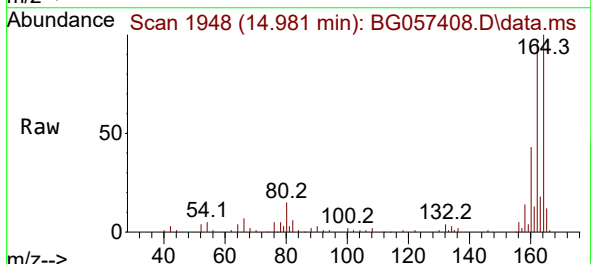
PB152612TB

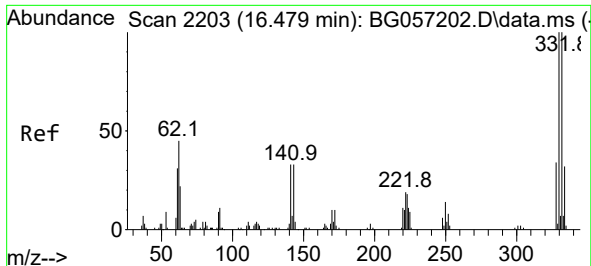
Tgt Ion: 82 Resp: 118349
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.0 43.4
 54 47.3 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.981 min Scan# 1948
 Delta R.T. 0.003 min
 Lab File: BG057408.D
 Acq: 12 May 2023 13:57

Tgt Ion:164 Resp: 58555
 Ion Ratio Lower Upper
 164 100
 162 97.1 81.8 122.6
 160 43.2 34.6 52.0

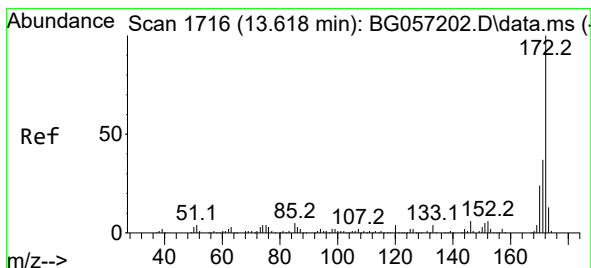
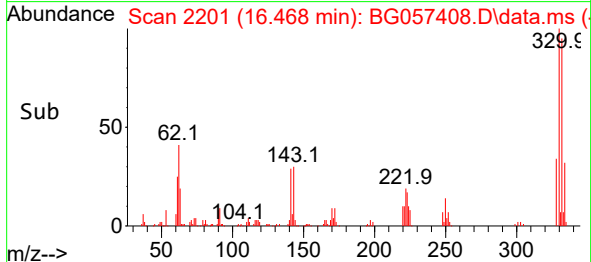
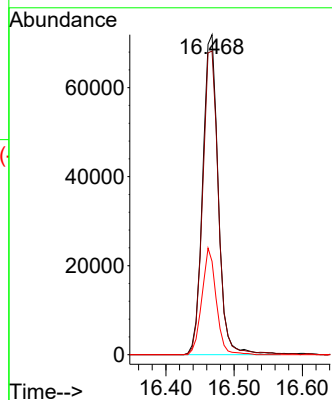
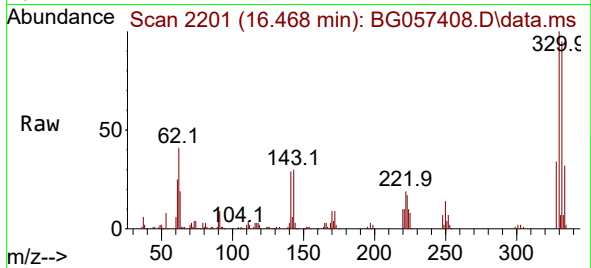




#42
2,4,6-Tribromophenol
Concen: 136.953 ng
RT: 16.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

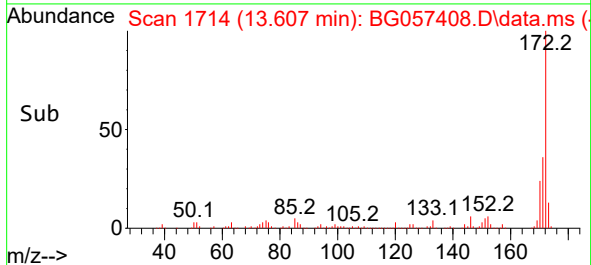
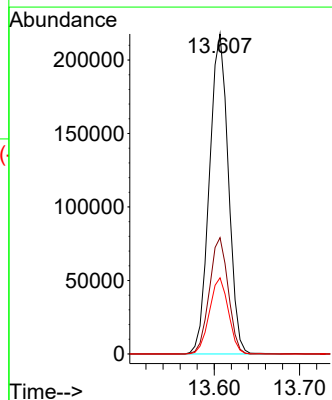
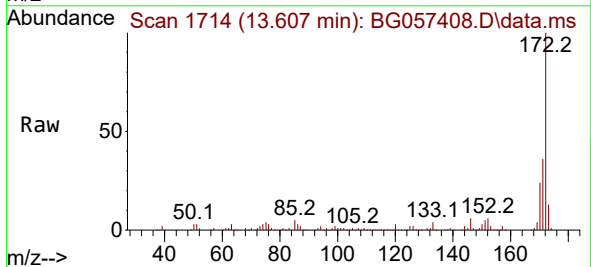
Instrument :
BNA_G
ClientSampleId :
PB152612TB

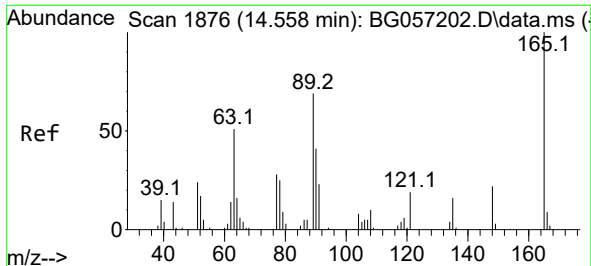
Tgt Ion:330 Resp: 113785
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.2
141 30.7 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 77.199 ng
RT: 13.607 min Scan# 1714
Delta R.T. 0.003 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

Tgt Ion:172 Resp: 335639
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.8 19.0 28.6

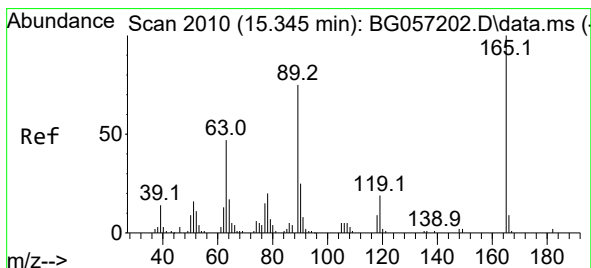
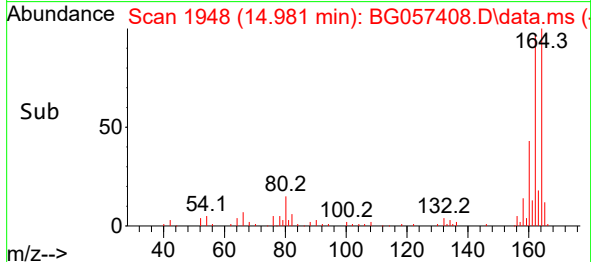
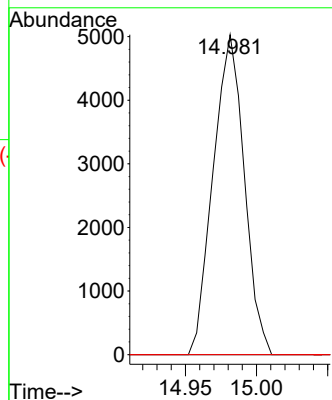
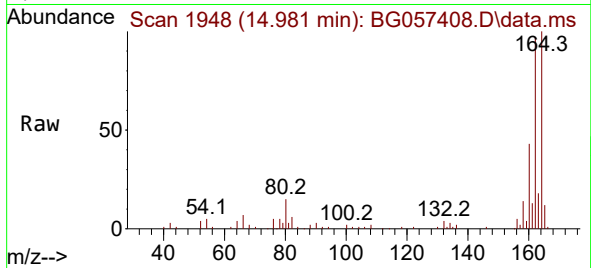




#51
2,6-Dinitrotoluene
Concen: 7.789 ng
RT: 14.981 min Scan# 1948
Delta R.T. 0.432 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

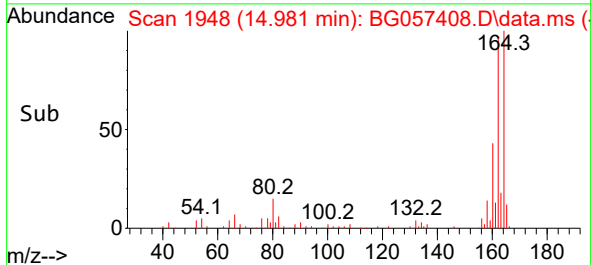
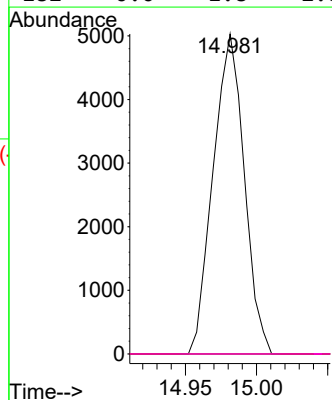
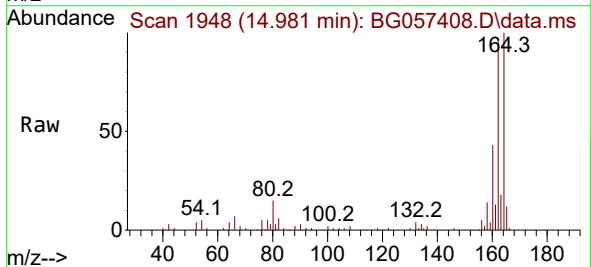
Instrument :
BNA_G
ClientSampleId :
PB152612TB

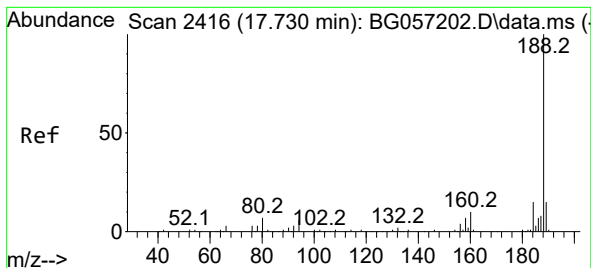
Tgt Ion:165 Resp: 7652
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.450 ng
RT: 14.981 min Scan# 1948
Delta R.T. -0.355 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

Tgt Ion:165 Resp: 7652
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.719 min Scan# 2416

Delta R.T. -0.003 min

Lab File: BG057408.D

Acq: 12 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB152612TB

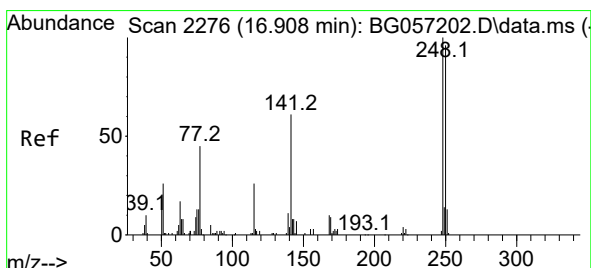
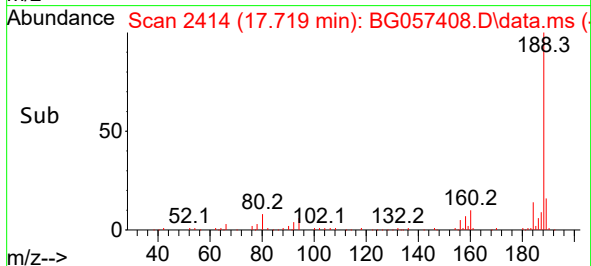
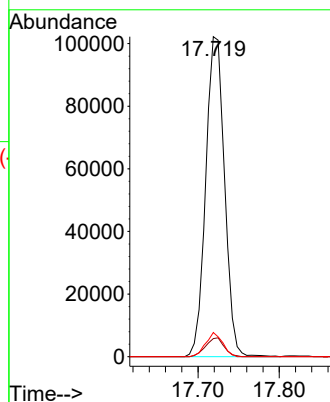
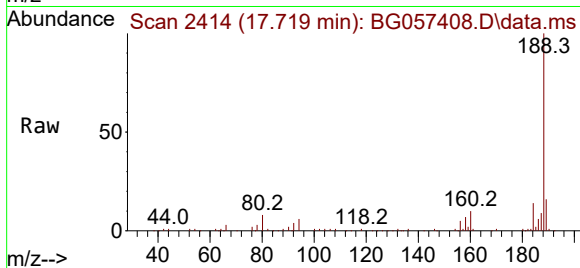
Tgt Ion:188 Resp: 164228

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

80 7.5 5.7 8.5



#67

4-Bromophenyl-phenylether

Concen: 3.806 ng

RT: 16.462 min Scan# 2200

Delta R.T. -0.431 min

Lab File: BG057408.D

Acq: 12 May 2023 13:57

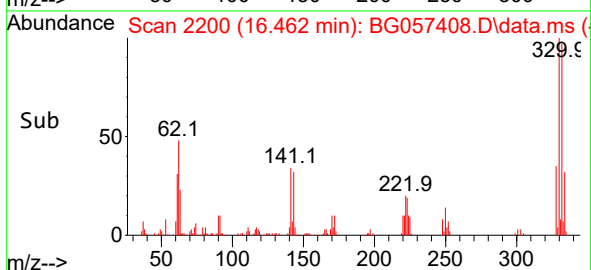
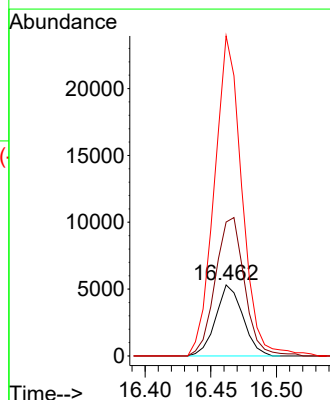
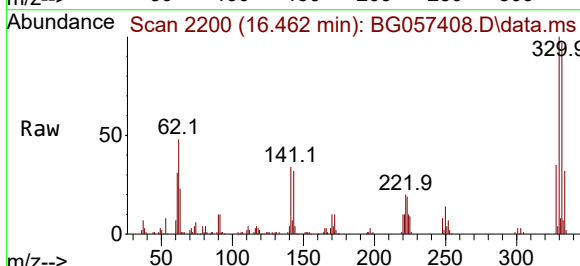
Tgt Ion:248 Resp: 7630

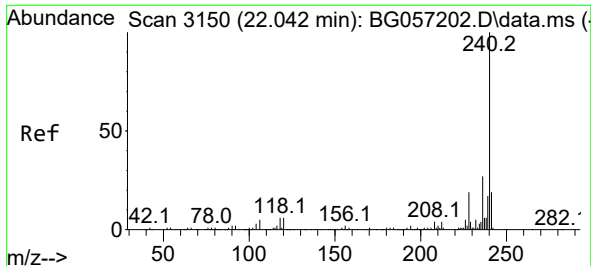
Ion Ratio Lower Upper

248 100

250 188.6 77.0 115.6#

141 450.6 48.6 72.8#

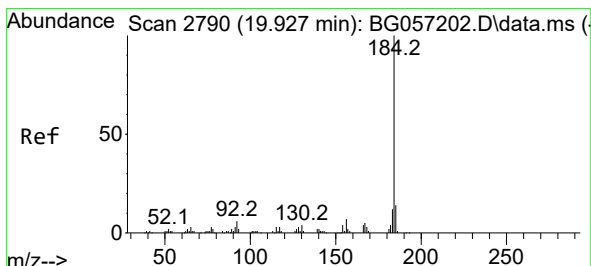
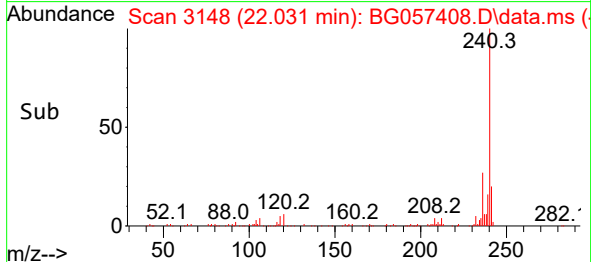
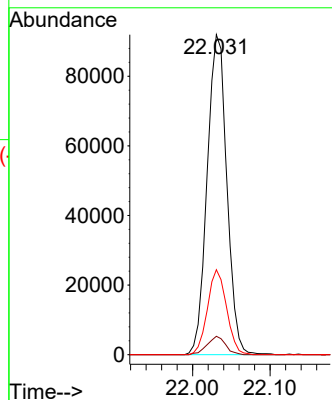
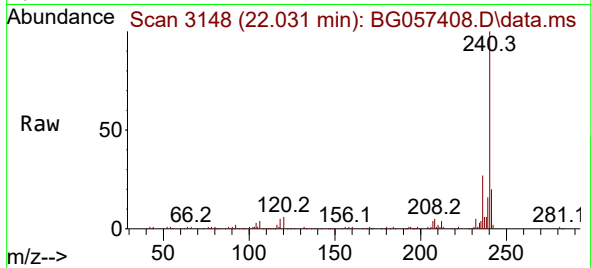




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

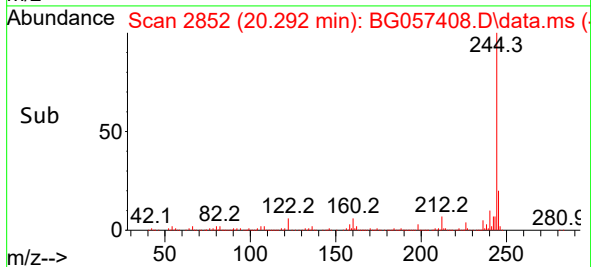
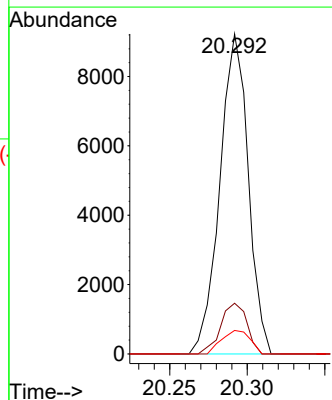
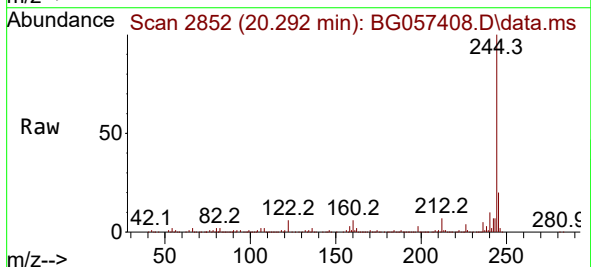
Instrument :
BNA_G
ClientSampleId :
PB152612TB

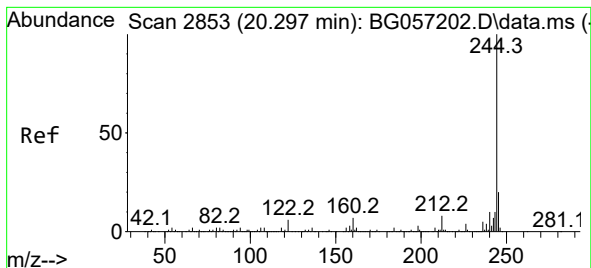
Tgt Ion:240 Resp: 161932
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 26.5 21.4 32.2



#77
Benzidine
Concen: 3.240 ng
RT: 20.292 min Scan# 2852
Delta R.T. 0.373 min
Lab File: BG057408.D
Acq: 12 May 2023 13:57

Tgt Ion:184 Resp: 11731
Ion Ratio Lower Upper
184 100
185 15.8 11.1 16.7
183 7.3 9.9 14.9#





#79

Terphenyl-d14

Concen: 80.232 ng

RT: 20.292 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057408.D

Acq: 12 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB152612TB

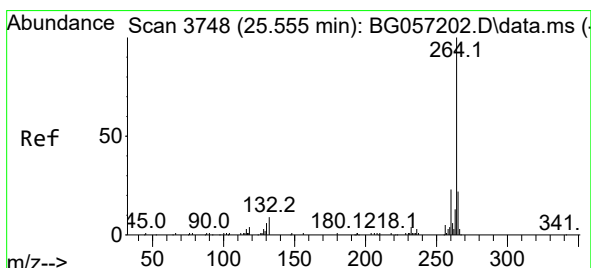
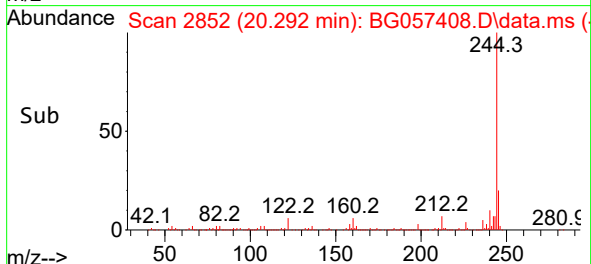
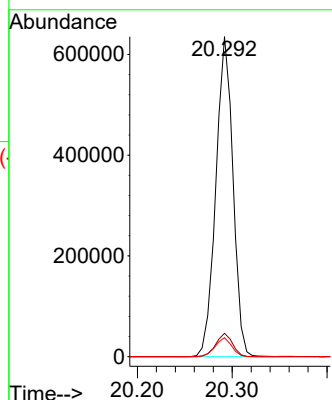
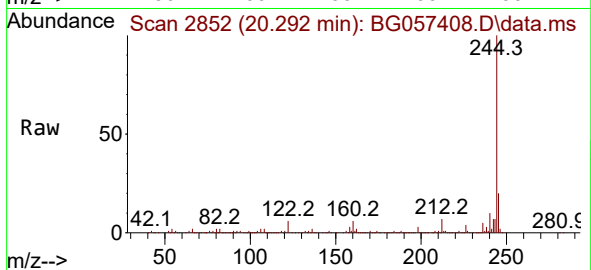
Tgt Ion:244 Resp: 796129

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.0 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.538 min Scan# 3745

Delta R.T. 0.003 min

Lab File: BG057408.D

Acq: 12 May 2023 13:57

Tgt Ion:264 Resp: 162956

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.8 17.9 26.9

