

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057423.D
 Acq On : 13 May 2023 1:55
 Operator : CG/JU
 Sample : PB152676TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152676TB

Quant Time: May 13 03:14:08 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)

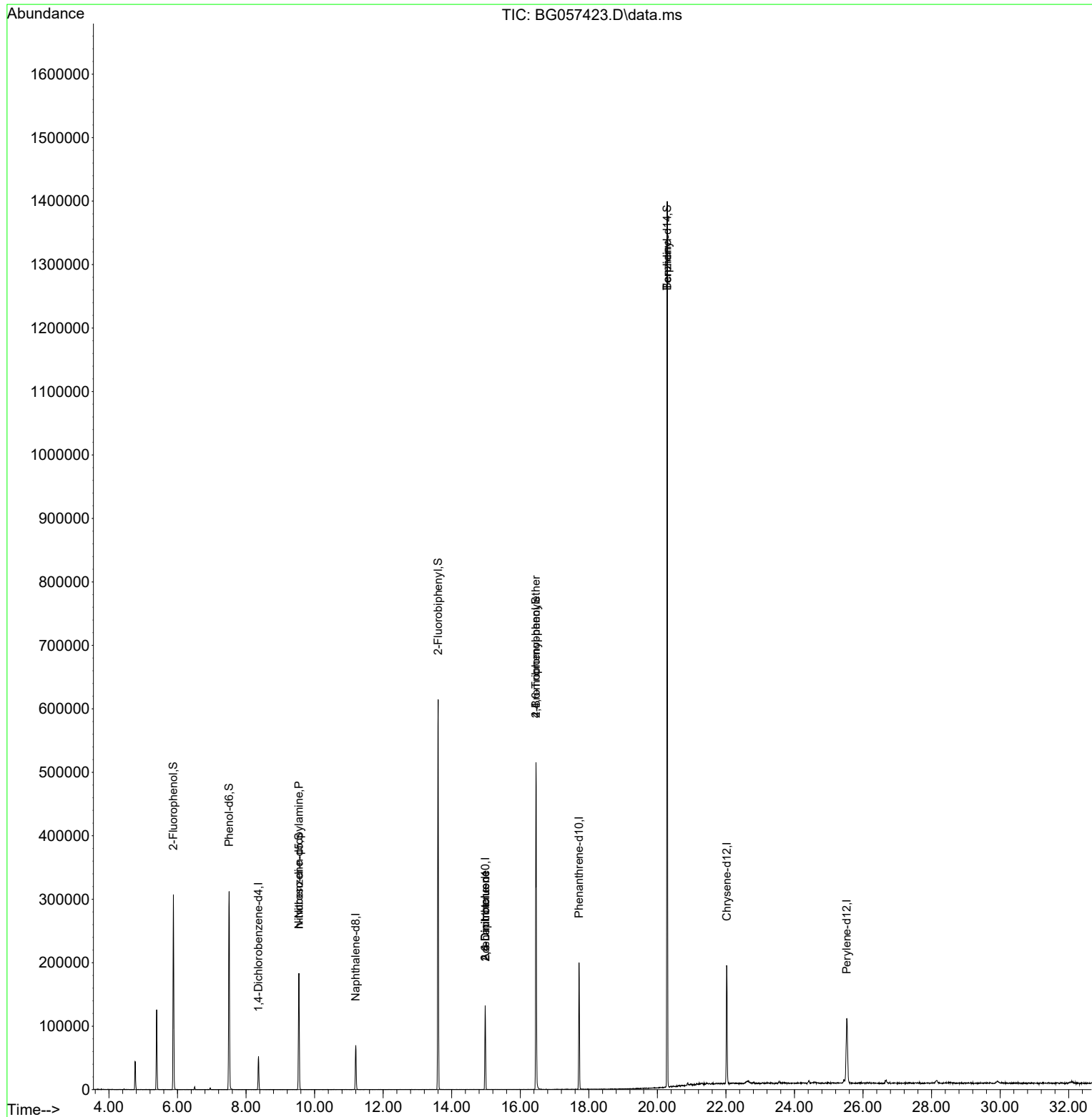
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	14543	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	60603	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	50449	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	137276	20.000	ng	0.00
76) Chrysene-d12	22.021	240	127714	20.000	ng	-0.01
86) Perylene-d12	25.522	264	133032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	129085	151.835	ng	0.00
7) Phenol-d6	7.505	99	187997	145.620	ng	0.00
23) Nitrobenzene-d5	9.544	82	119555	82.798	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	109808	153.402	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	327527	87.437	ng	0.00
79) Terphenyl-d14	20.288	244	721855	92.238	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.505	77	292	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.544	70	16533	16.795	ng	# 80
51) 2,6-Dinitrotoluene	14.978	165	6754	7.979	ng	# 17
57) 2,4-Dinitrotoluene	14.978	165	6754	5.583	ng	# 20
67) 4-Bromophenyl-phenylether	16.458	248	7699	4.594	ng	# 1
77) Benzidine	20.288	184	10851	3.800	ng	# 86

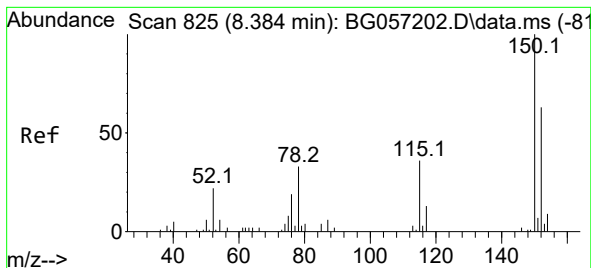
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057423.D
Acq On : 13 May 2023 1:55
Operator : CG/JU
Sample : PB152676TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152676TB

Quant Time: May 13 03:14:08 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

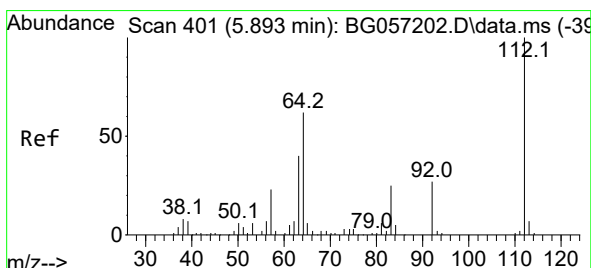
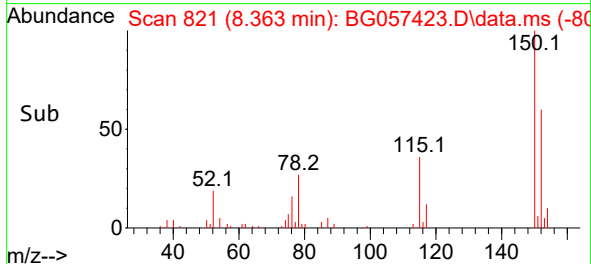
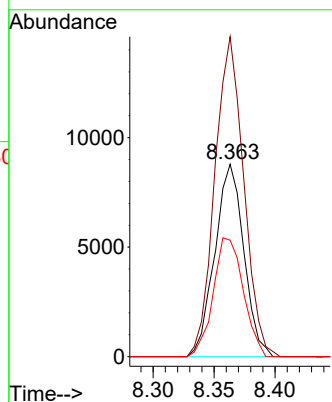
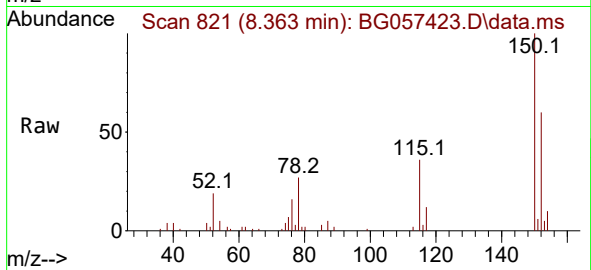




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

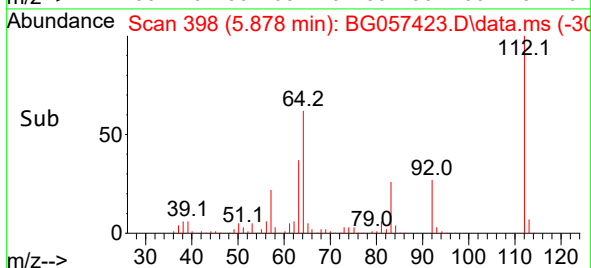
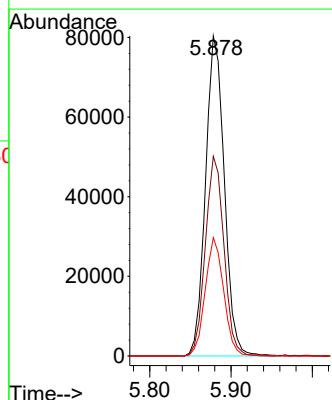
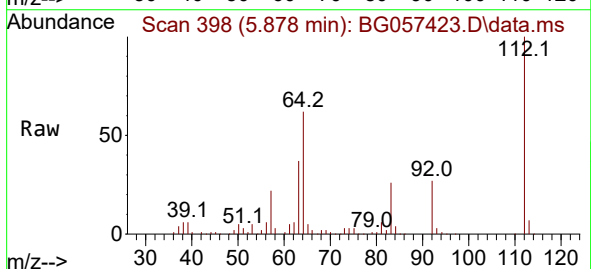
Instrument :
BNA_G
ClientSampleId :
PB152676TB

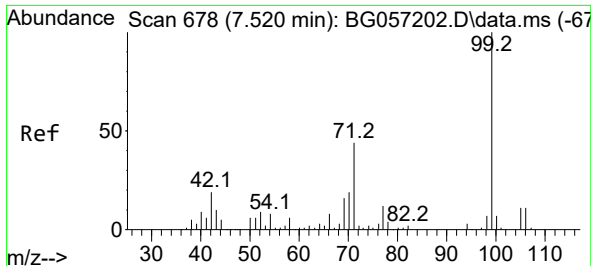
Tgt Ion:152 Resp: 14543
Ion Ratio Lower Upper
152 100
150 166.3 126.2 189.4
115 60.5 45.0 67.4



#5
2-Fluorophenol
Concen: 151.835 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:112 Resp: 129085
Ion Ratio Lower Upper
112 100
64 62.4 49.4 74.2
63 36.9 31.6 47.4

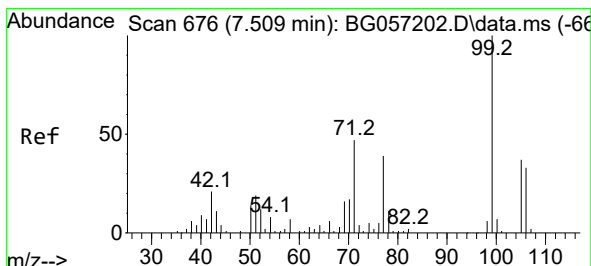
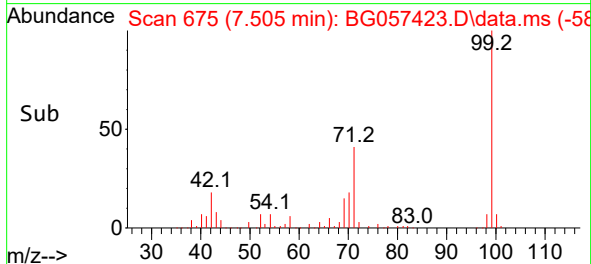
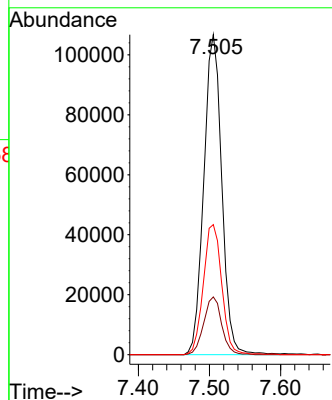
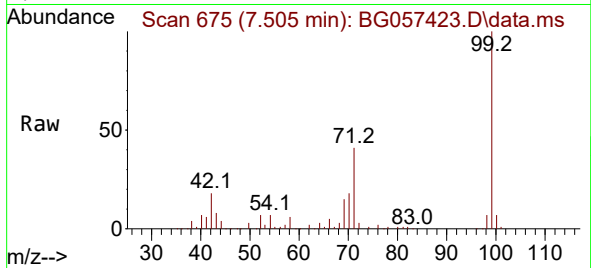




#7
Phenol-d6
Concen: 145.620 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

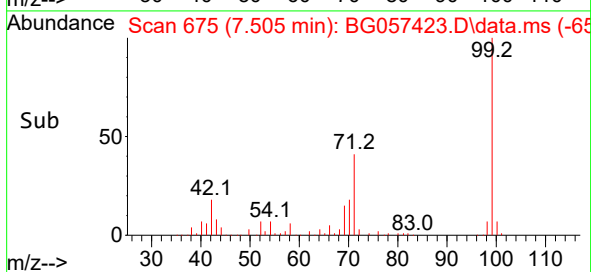
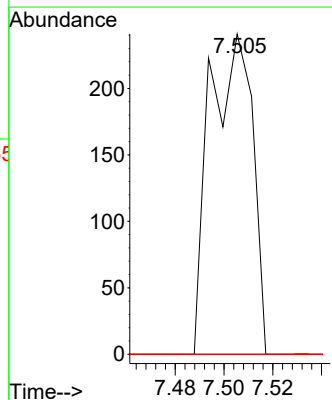
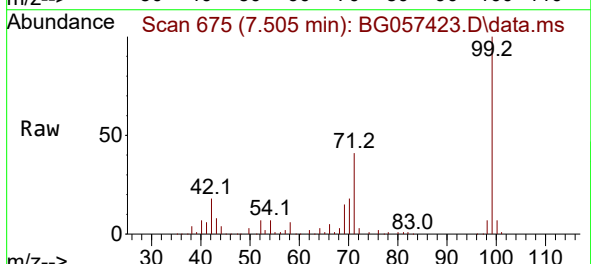
Instrument :
BNA_G
ClientSampleId :
PB152676TB

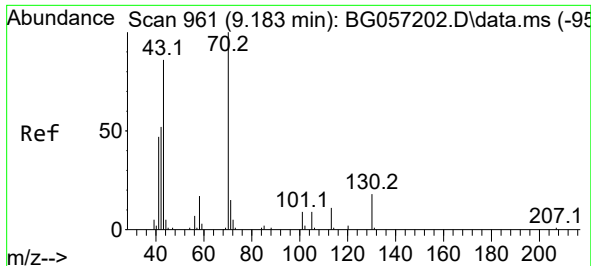
Tgt Ion: 99 Resp: 187997
Ion Ratio Lower Upper
99 100
42 18.0 15.1 22.7
71 40.7 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.505 min Scan# 675
Delta R.T. 0.017 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion: 77 Resp: 292
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

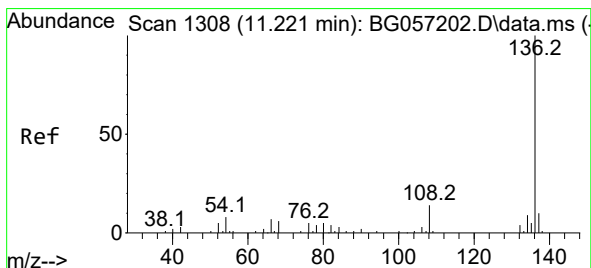
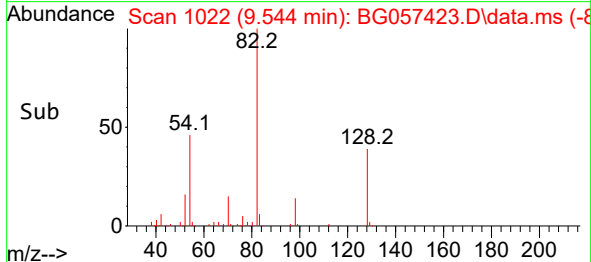
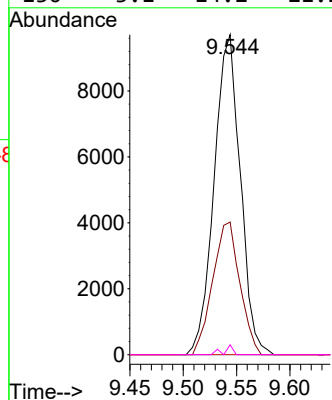
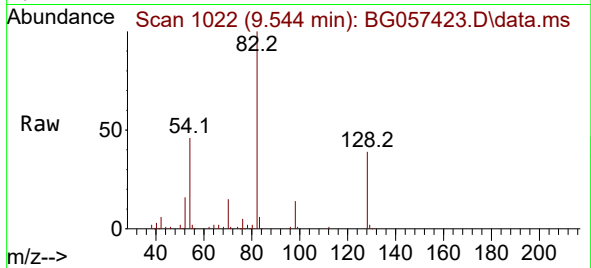




#19
n-Nitroso-di-n-propylamine
Concen: 16.795 ng
RT: 9.544 min Scan# 1022
Delta R.T. 0.376 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

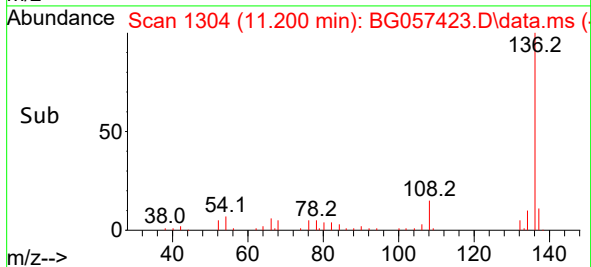
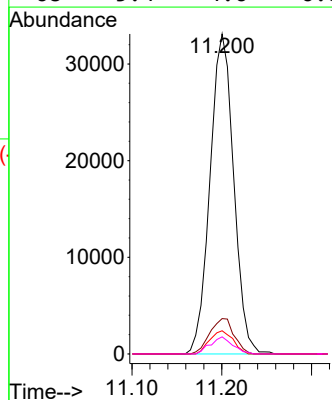
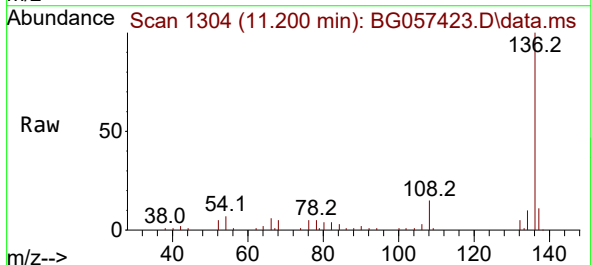
Instrument :
BNA_G
ClientSampleId :
PB152676TB

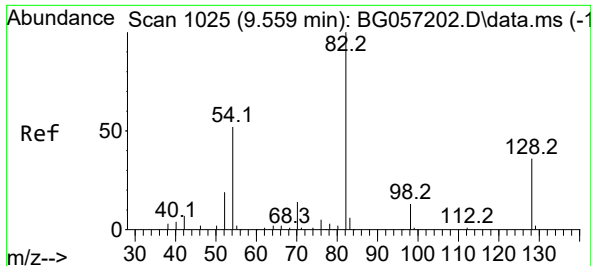
Tgt Ion: 70 Resp: 16533
Ion Ratio Lower Upper
70 100
42 41.5 41.8 62.8#
101 0.0 6.8 10.2#
130 3.1 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion: 136 Resp: 60603
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 7.3 6.7 10.1
68 5.4 4.6 6.8





#23
Nitrobenzene-d5
Concen: 82.798 ng
RT: 9.544 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

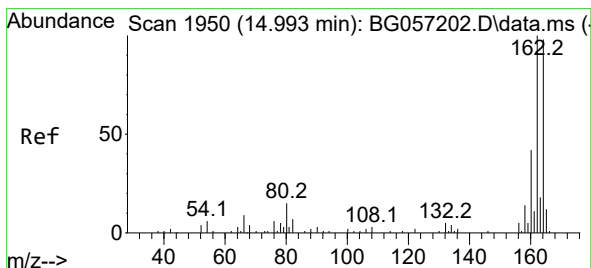
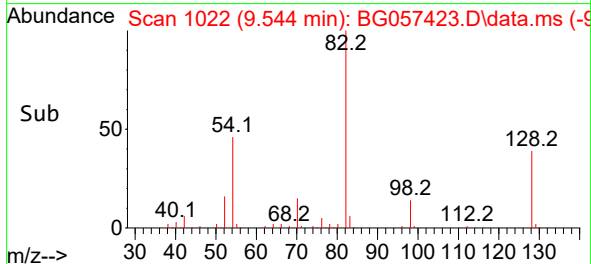
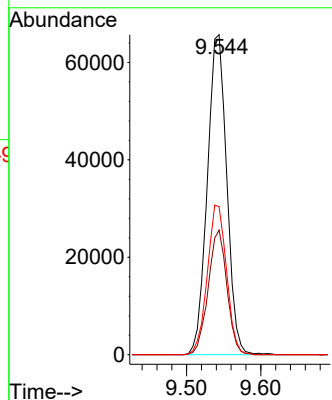
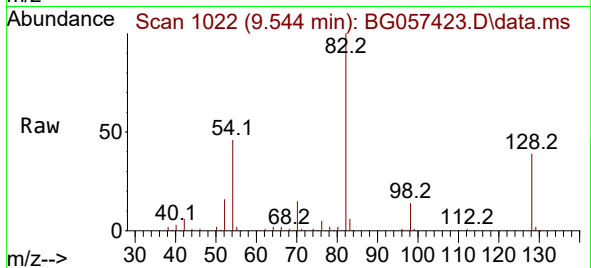
Instrument :

BNA_G

ClientSampleId :

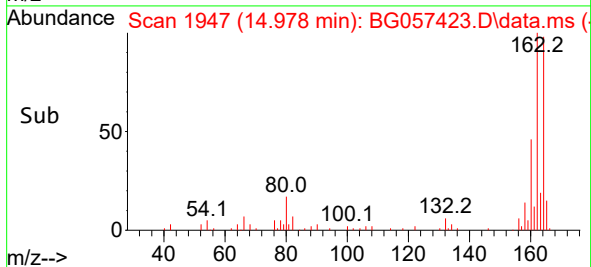
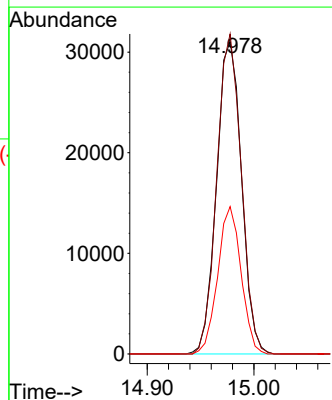
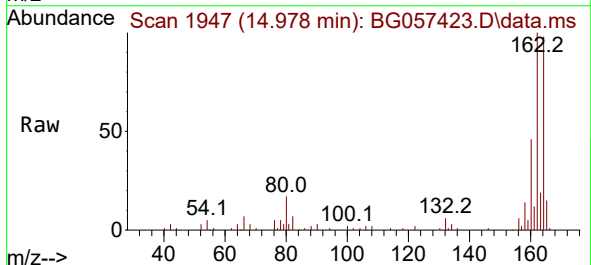
PB152676TB

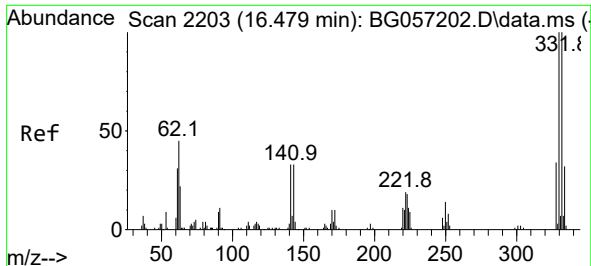
Tgt Ion: 82 Resp: 119555
Ion Ratio Lower Upper
82 100
128 38.9 29.0 43.4
54 46.2 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:164 Resp: 50449
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 47.2 34.6 52.0

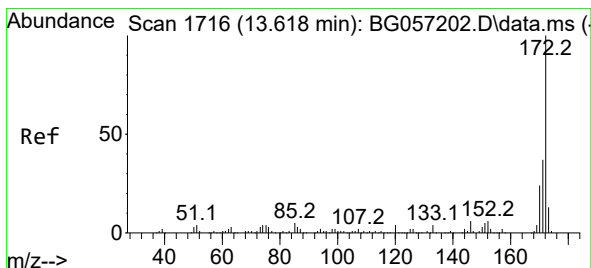
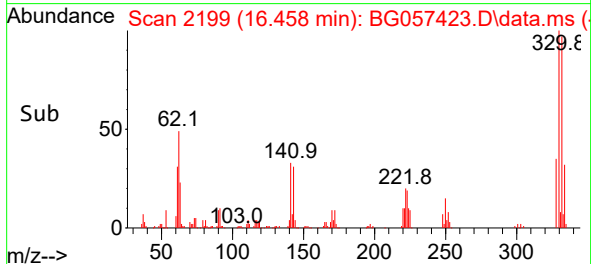
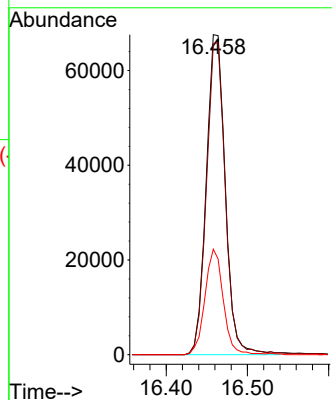
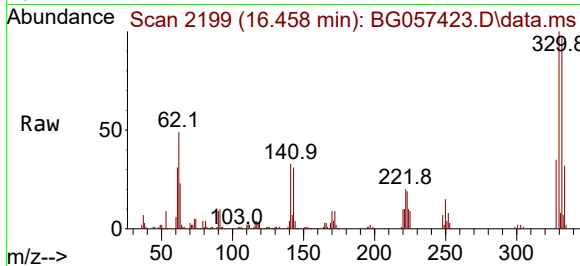




#42
2,4,6-Tribromophenol
Concen: 153.402 ng
RT: 16.458 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

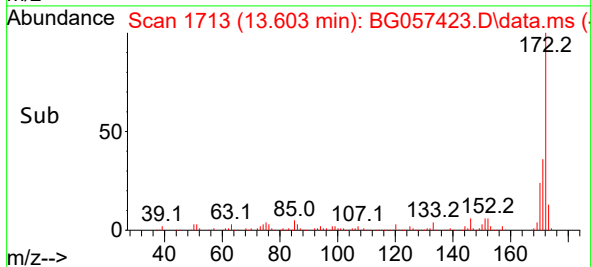
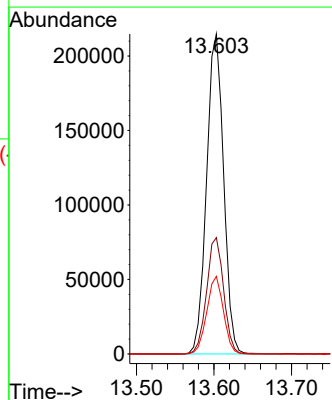
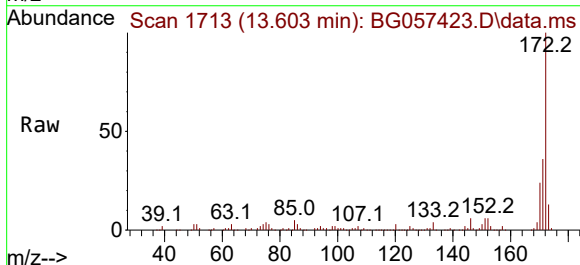
Instrument :
BNA_G
ClientSampleId :
PB152676TB

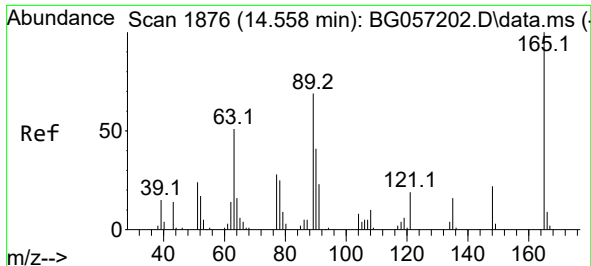
Tgt Ion:330 Resp: 109808
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 31.6 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 87.437 ng
RT: 13.603 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:172 Resp: 327527
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 19.0 28.6

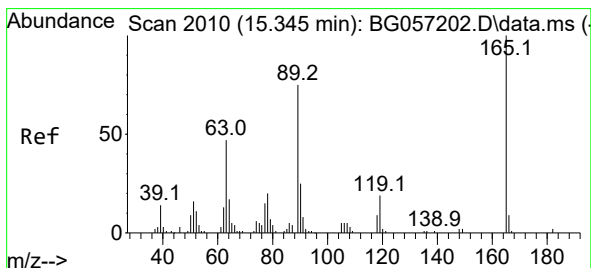
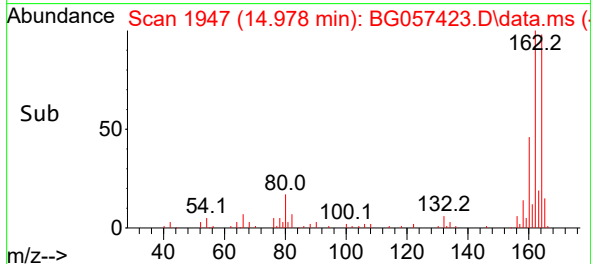
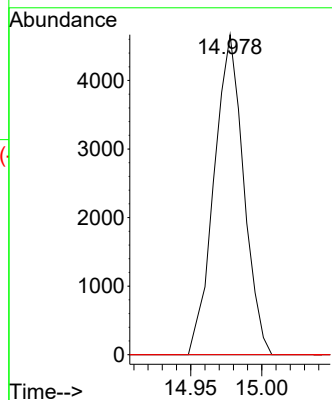
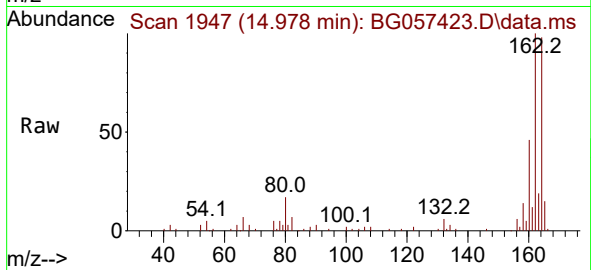




#51
2,6-Dinitrotoluene
Concen: 7.979 ng
RT: 14.978 min Scan# 1947
Delta R.T. 0.428 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

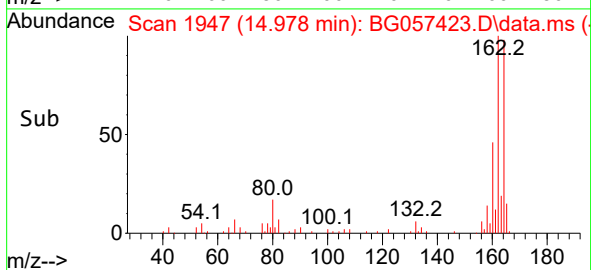
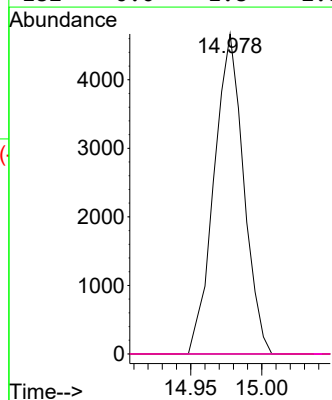
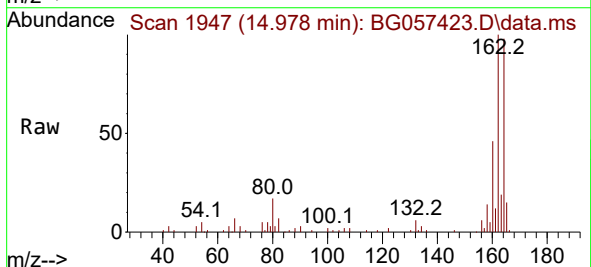
Instrument :
BNA_G
ClientSampleId :
PB152676TB

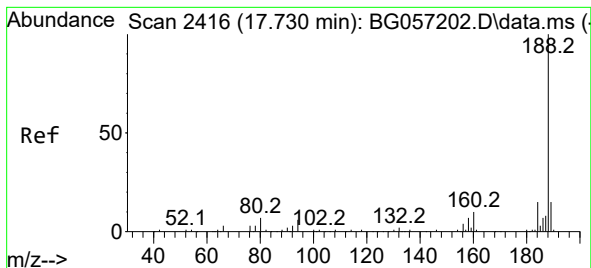
Tgt Ion:165 Resp: 6754
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.583 ng
RT: 14.978 min Scan# 1947
Delta R.T. -0.359 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:165 Resp: 6754
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: 17.715 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

Instrument :

BNA_G

ClientSampleId :

PB152676TB

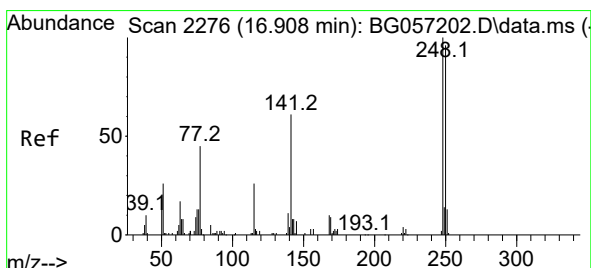
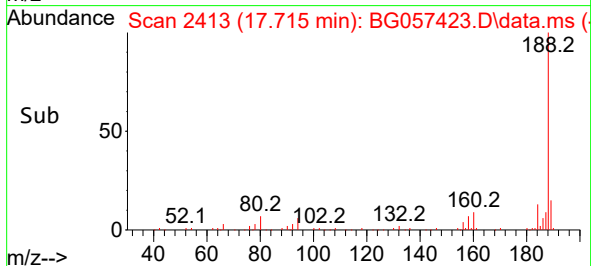
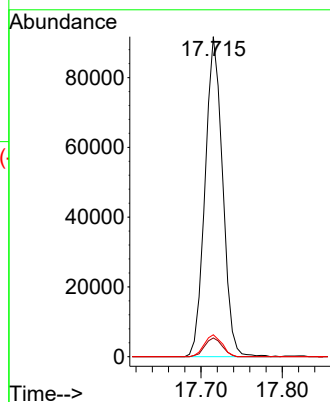
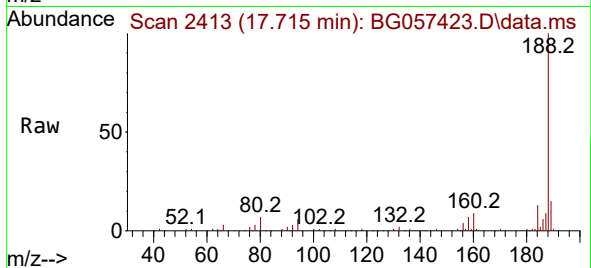
Tgt Ion:188 Resp: 137276

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

80 6.9 5.7 8.5



#67

4-Bromophenyl-phenylether

Concen: 4.594 ng

RT: 16.458 min Scan# 2199

Delta R.T. -0.435 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

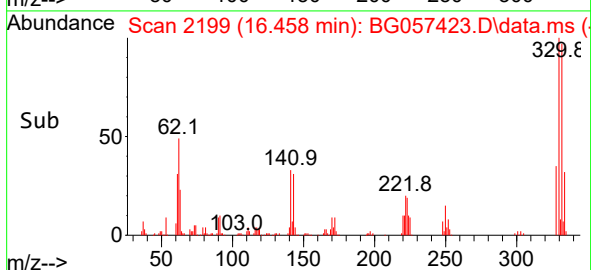
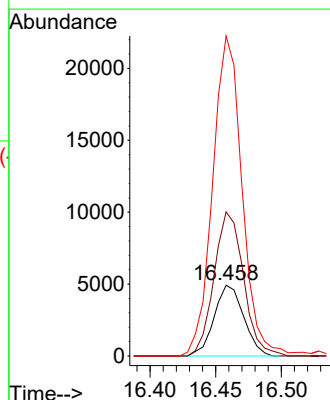
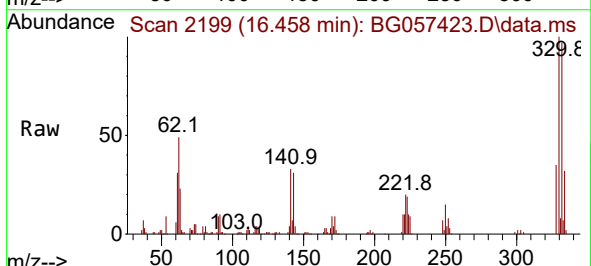
Tgt Ion:248 Resp: 7699

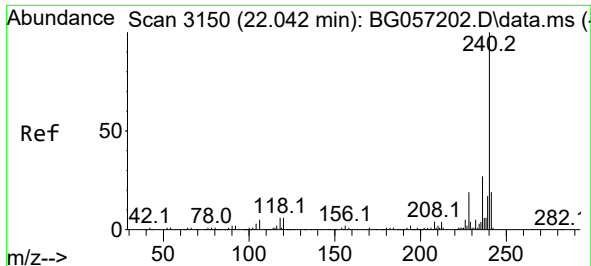
Ion Ratio Lower Upper

248 100

250 203.8 77.0 115.6#

141 452.2 48.6 72.8#

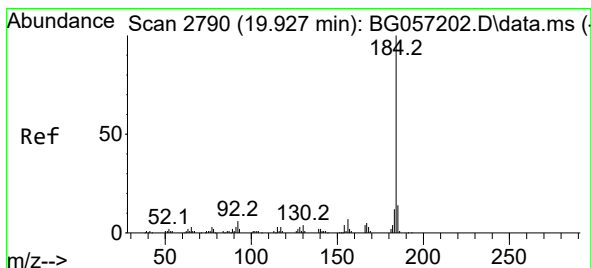
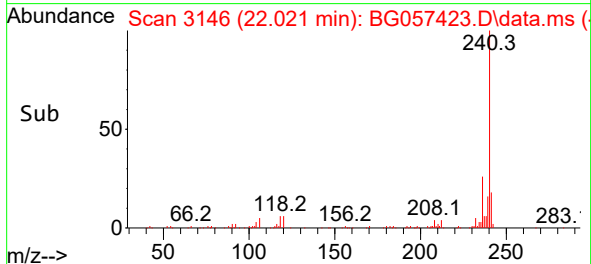
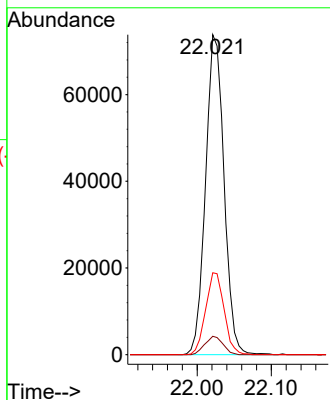
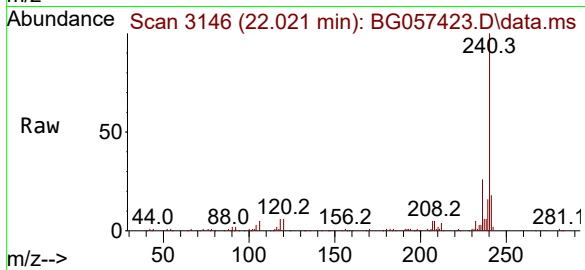




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

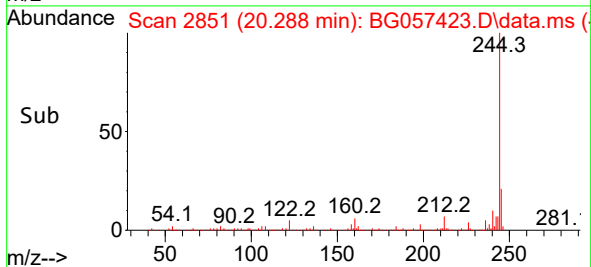
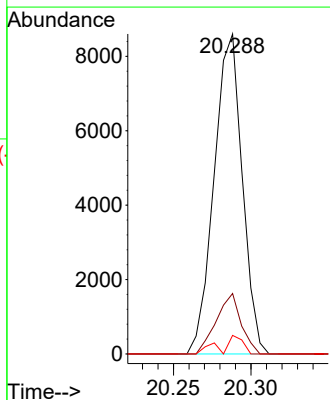
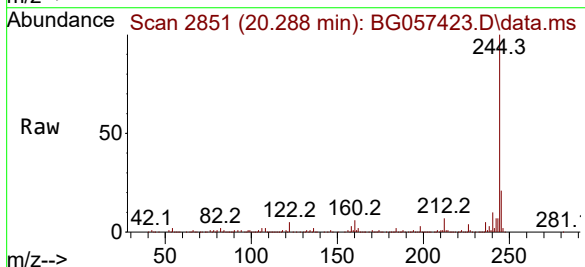
Instrument :
BNA_G
ClientSampleId :
PB152676TB

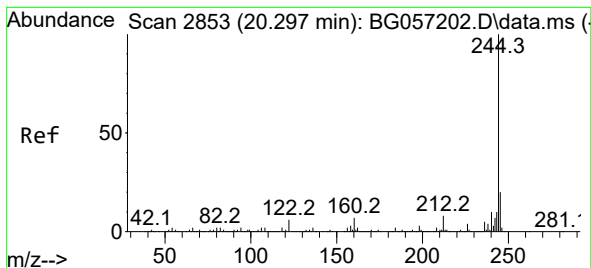
Tgt Ion:240 Resp: 127714
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 25.6 21.4 32.2



#77
Benzidine
Concen: 3.800 ng
RT: 20.288 min Scan# 2851
Delta R.T. 0.370 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:184 Resp: 10851
Ion Ratio Lower Upper
184 100
185 18.9 11.1 16.7#
183 5.8 9.9 14.9#





#79

Terphenyl-d14

Concen: 92.238 ng

RT: 20.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

Instrument :

BNA_G

ClientSampleId :

PB152676TB

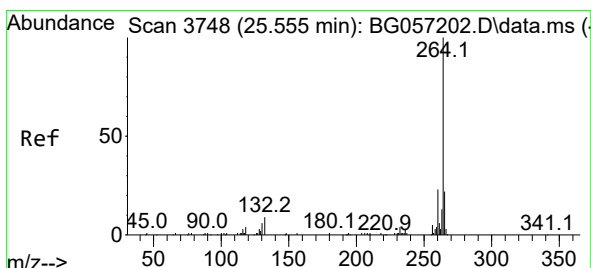
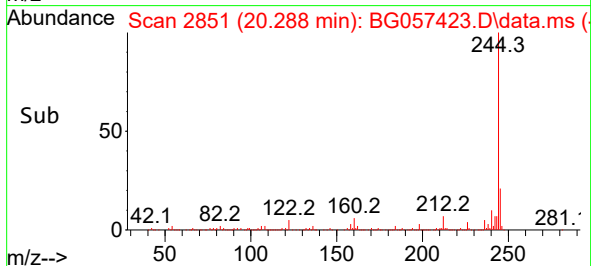
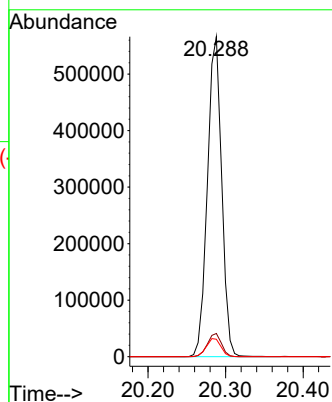
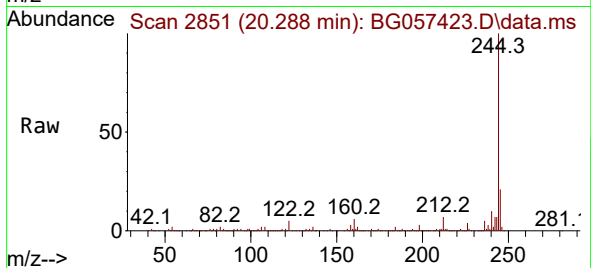
Tgt Ion:244 Resp: 721855

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.4 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.522 min Scan# 3742

Delta R.T. -0.012 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

Tgt Ion:264 Resp: 133032

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 22.2 17.9 26.9

