

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057462.D
 Acq On : 19 May 2023 10:45
 Operator : CG/JU
 Sample : PB152410BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BL

Quant Time: May 20 04:27:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

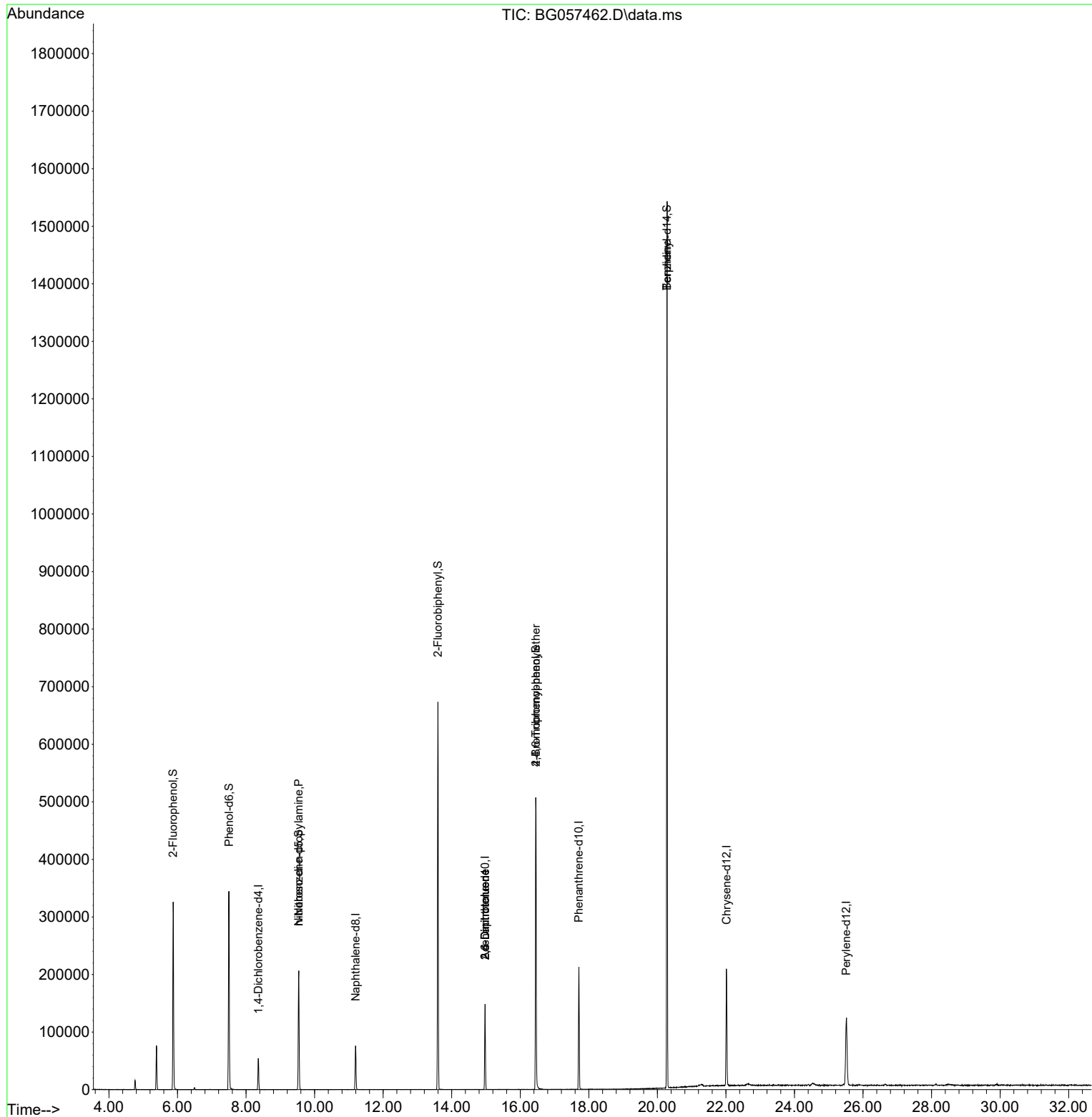
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	16165	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	66048	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	53528	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	145039	20.000	ng	0.00
76) Chrysene-d12	22.015	240	139675	20.000	ng	0.00
86) Perylene-d12	25.510	264	150844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	141509	149.747	ng	0.00
7) Phenol-d6	7.500	99	210604	146.763	ng	0.00
23) Nitrobenzene-d5	9.538	82	133258	84.680	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	115493	152.063	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	357342	89.909	ng	0.00
79) Terphenyl-d14	20.282	244	809174	94.541	ng	0.00
Target Compounds						
9) Benzaldehyde	7.511	77	382	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	9.538	70	18255	16.683	ng	# 76
51) 2,6-Dinitrotoluene	14.972	165	7416	8.257	ng	# 19
57) 2,4-Dinitrotoluene	14.972	165	7416	5.778	ng	# 23
67) 4-Bromophenyl-phenylether	16.458	248	7870	4.445	ng	# 1
77) Benzidine	20.282	184	11660	3.734	ng	# 91

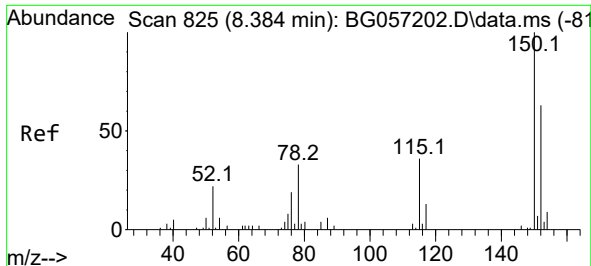
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057462.D
Acq On : 19 May 2023 10:45
Operator : CG/JU
Sample : PB152410BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152410BL

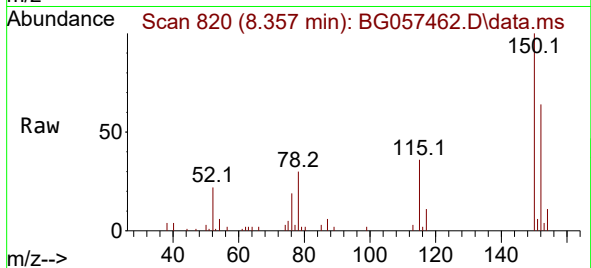
Quant Time: May 20 04:27:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration



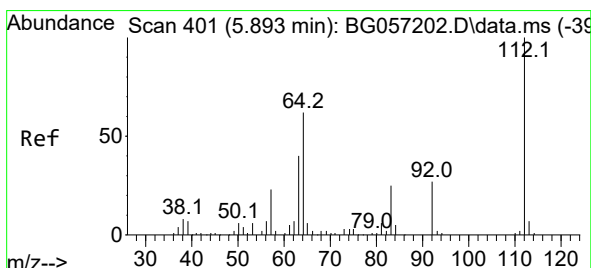
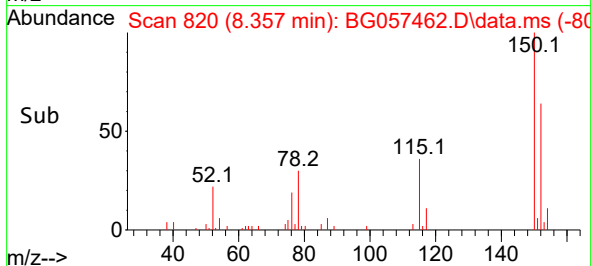
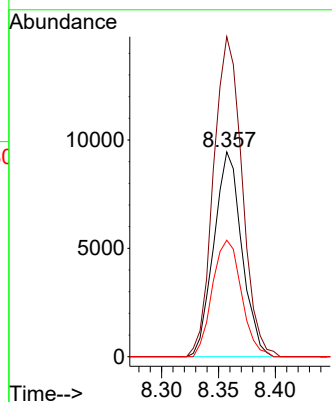


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Instrument :
BNA_G
ClientSampleId :
PB152410BL

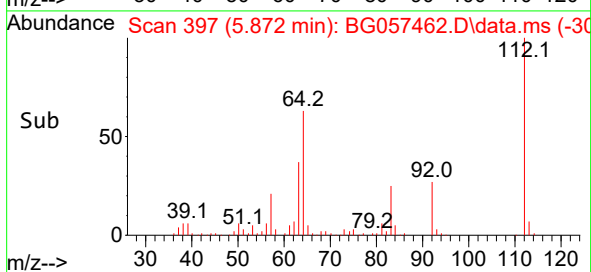
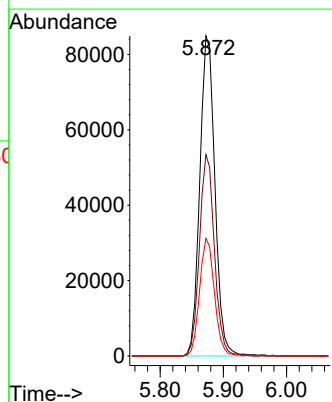
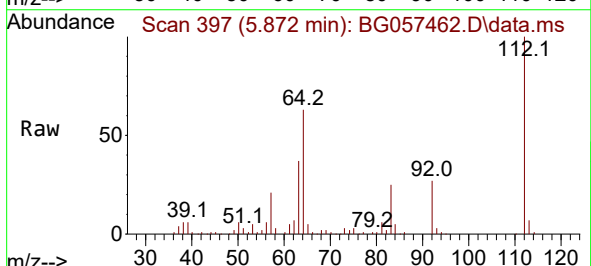


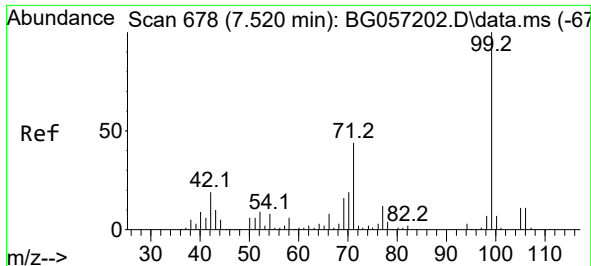
Tgt Ion:152 Resp: 16165
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.4
115 56.9 45.0 67.4



#5
2-Fluorophenol
Concen: 149.747 ng
RT: 5.872 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion:112 Resp: 141509
Ion Ratio Lower Upper
112 100
64 62.9 49.4 74.2
63 36.7 31.6 47.4

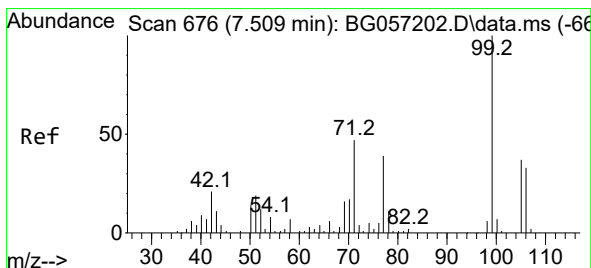
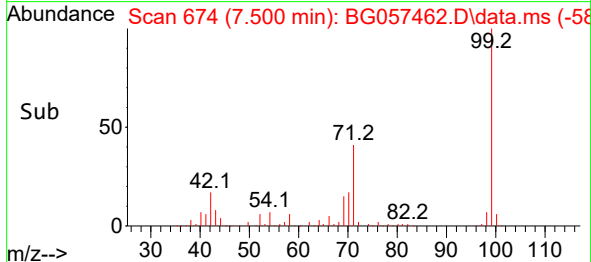
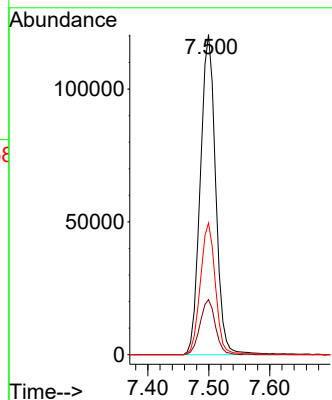
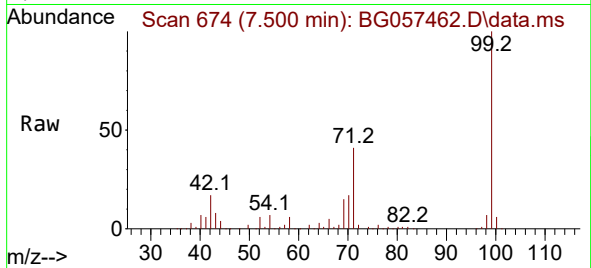




#7
Phenol-d6
Concen: 146.763 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

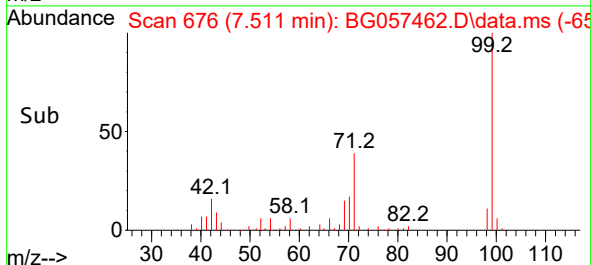
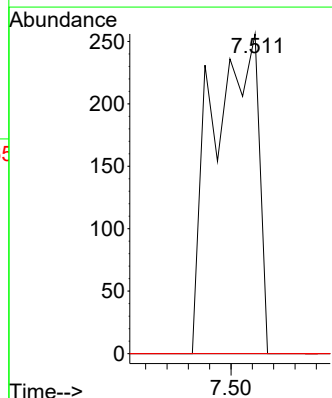
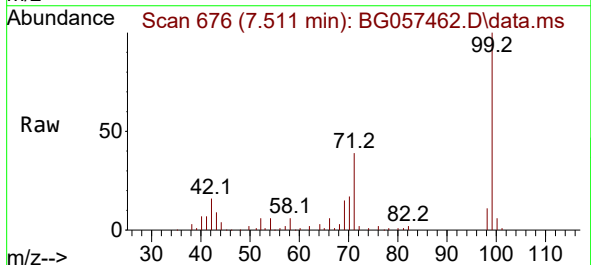
Instrument :
BNA_G
ClientSampleId :
PB152410BL

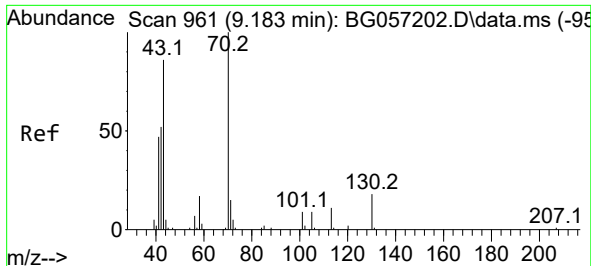
Tgt Ion: 99 Resp: 210604
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 41.2 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.511 min Scan# 676
Delta R.T. 0.025 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion: 77 Resp: 382
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

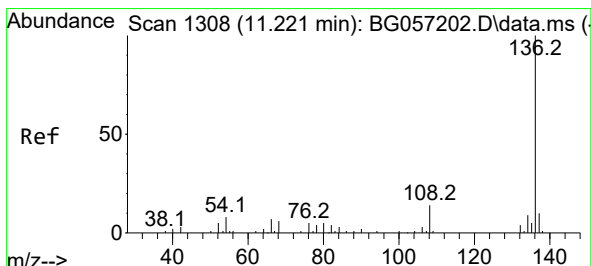
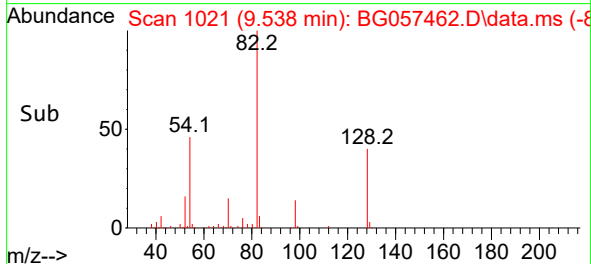
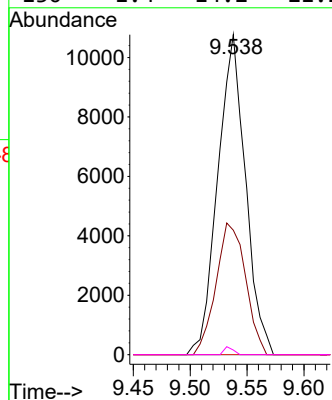
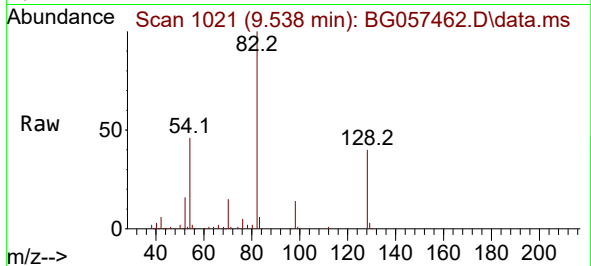




#19
n-Nitroso-di-n-propylamine
Concen: 16.683 ng
RT: 9.538 min Scan# 1021
Delta R.T. 0.377 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

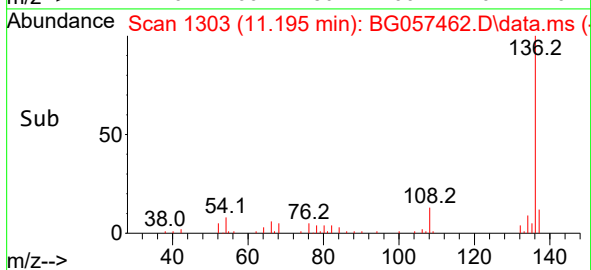
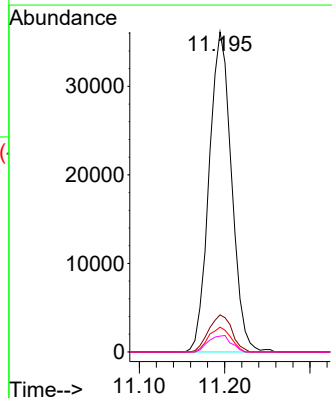
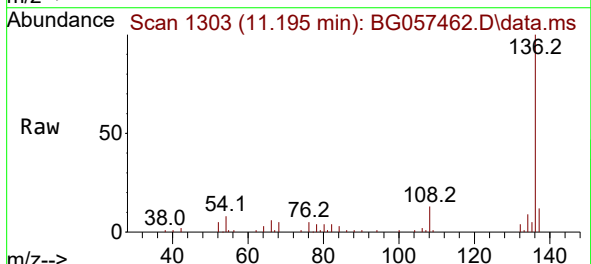
Instrument :
BNA_G
ClientSampleId :
PB152410BL

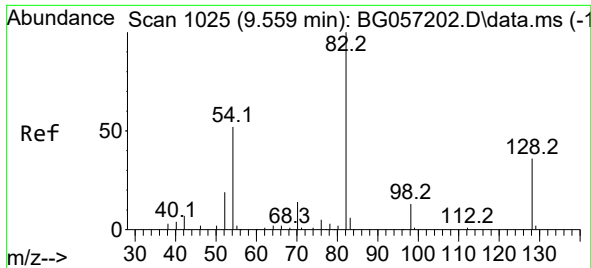
Tgt Ion: 70 Resp: 18255
Ion Ratio Lower Upper
70 100
42 38.9 41.8 62.8#
101 0.0 6.8 10.2#
130 1.4 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion: 136 Resp: 66048
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 7.8 6.7 10.1
68 4.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.680 ng

RT: 9.538 min Scan# 1021

Delta R.T. 0.001 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

Instrument :

BNA_G

ClientSampleId :

PB152410BL

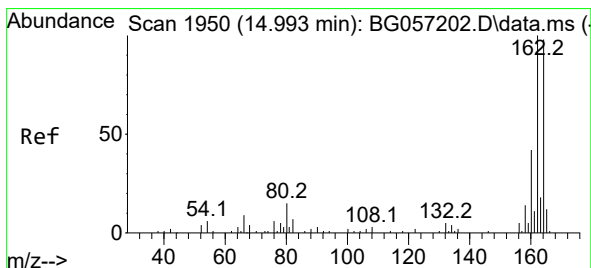
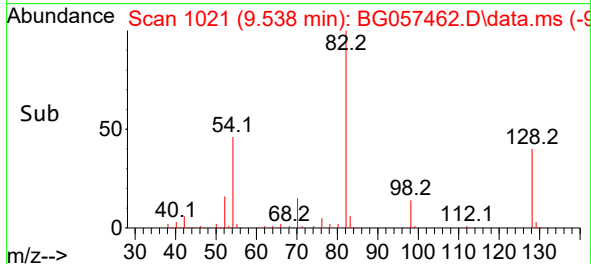
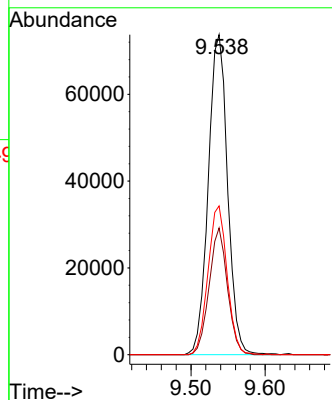
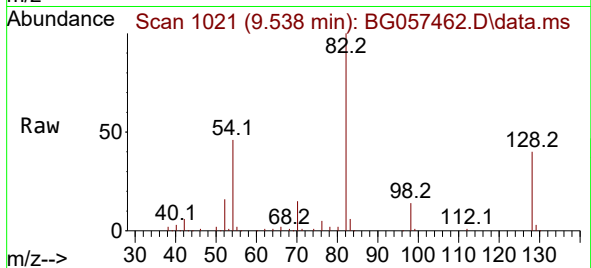
Tgt Ion: 82 Resp: 133258

Ion Ratio Lower Upper

82 100

128 39.6 29.0 43.4

54 46.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.972 min Scan# 1946

Delta R.T. -0.004 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

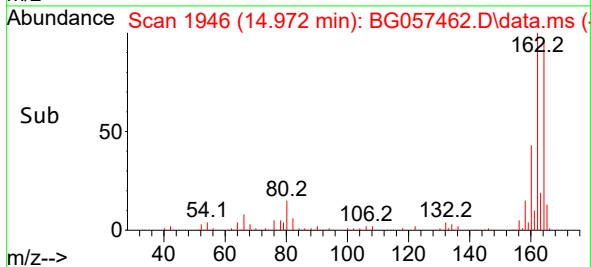
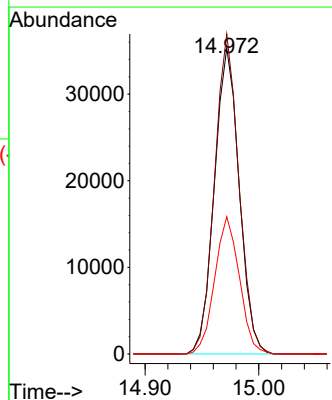
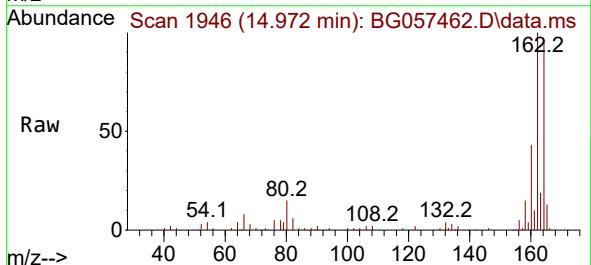
Tgt Ion:164 Resp: 53528

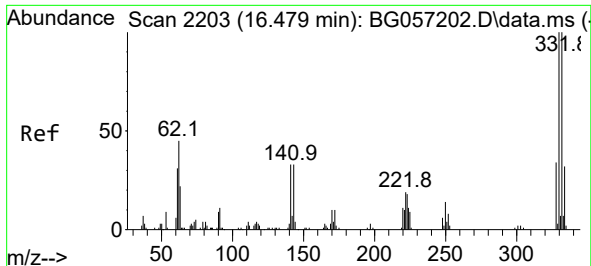
Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.6

160 44.9 34.6 52.0

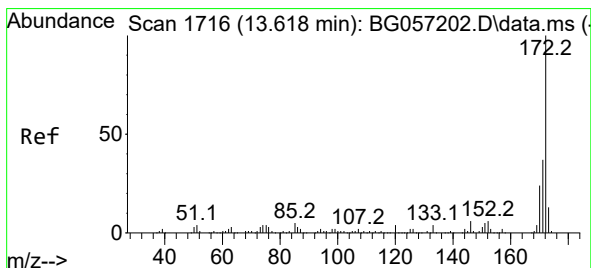
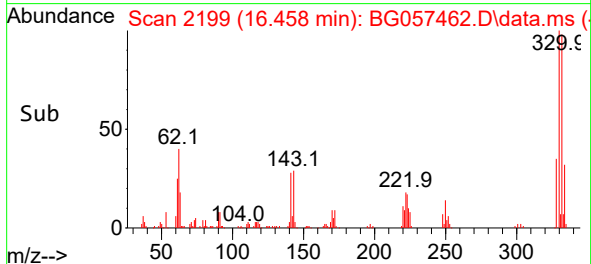
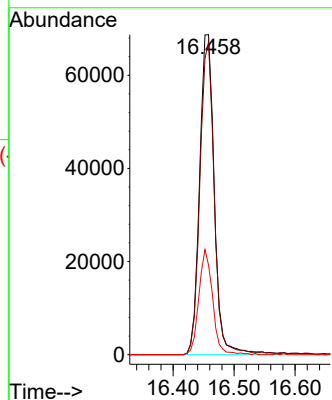
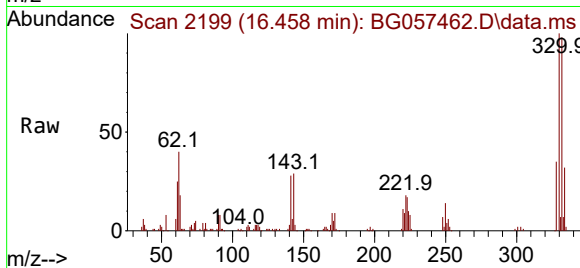




#42
2,4,6-Tribromophenol
Concen: 152.063 ng
RT: 16.458 min Scan# 21199
Delta R.T. 0.001 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

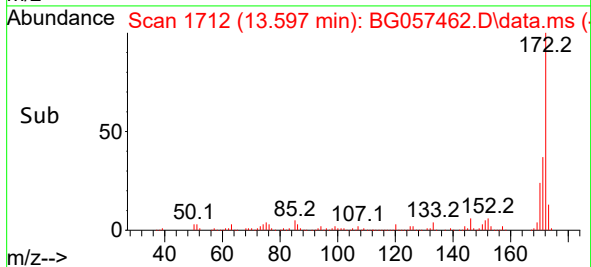
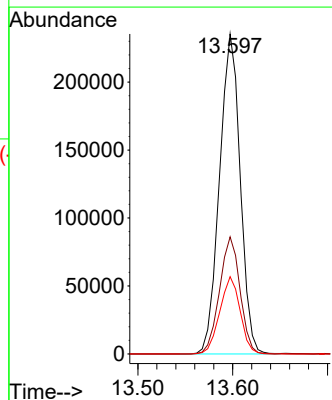
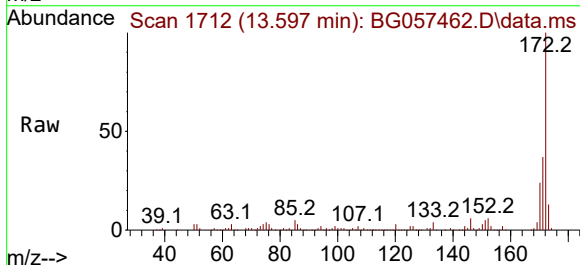
Instrument :
BNA_G
ClientSampleId :
PB152410BL

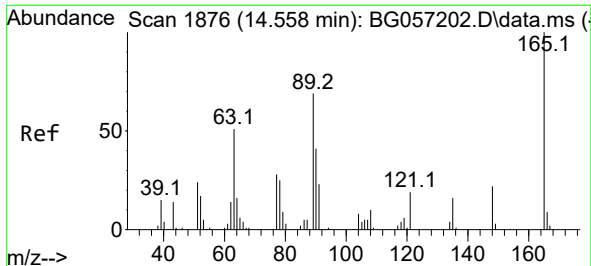
Tgt Ion:330 Resp: 115493
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.2
141 30.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 89.909 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

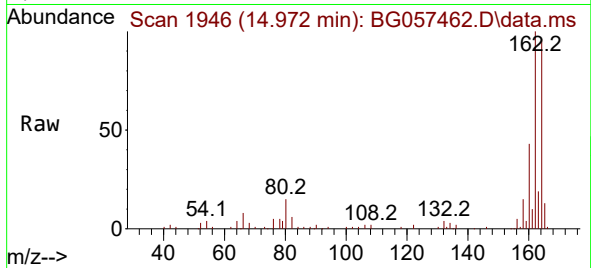
Tgt Ion:172 Resp: 357342
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.1 19.0 28.6



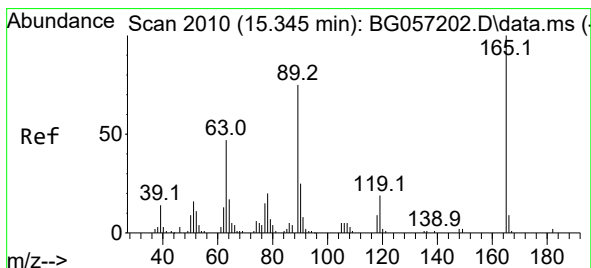
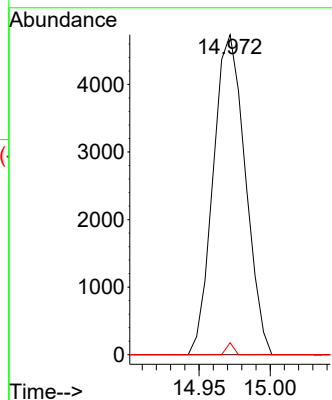
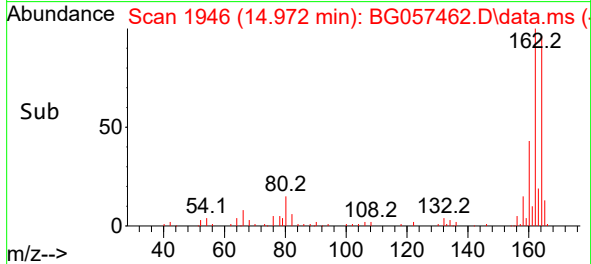


#51
2,6-Dinitrotoluene
Concen: 8.257 ng
RT: 14.972 min Scan# 1946
Delta R.T. 0.430 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

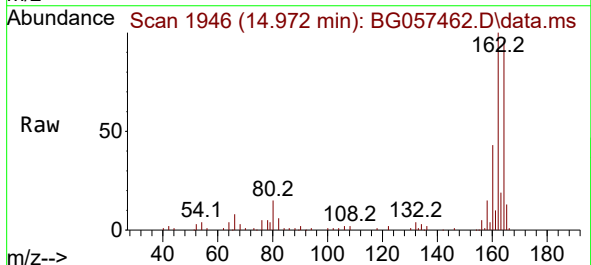
Instrument :
BNA_G
ClientSampleId :
PB152410BL



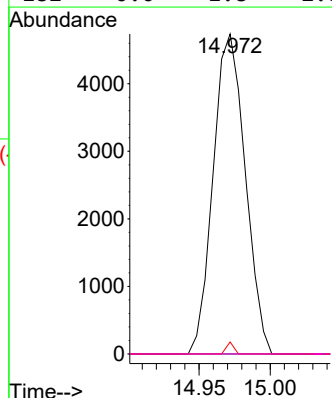
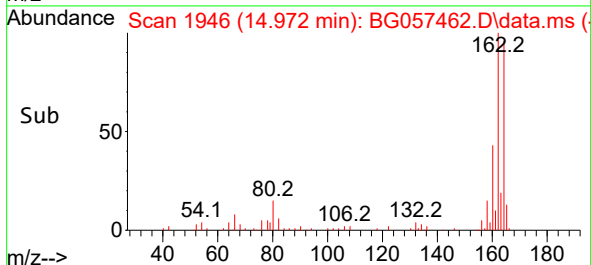
Tgt Ion:165 Resp: 7416
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 3.8 55.2 82.8#

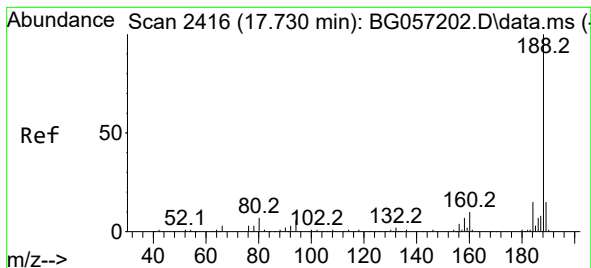


#57
2,4-Dinitrotoluene
Concen: 5.778 ng
RT: 14.972 min Scan# 1946
Delta R.T. -0.357 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45



Tgt Ion:165 Resp: 7416
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 3.8 60.2 90.4#
182 0.0 1.8 2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.709 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

Instrument :

BNA_G

ClientSampleId :

PB152410BL

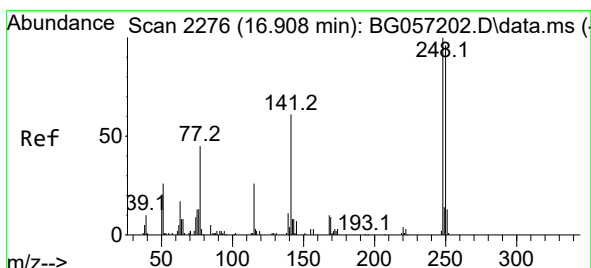
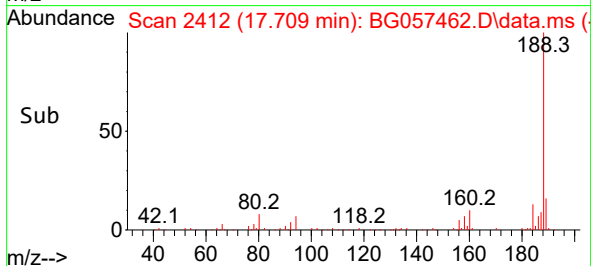
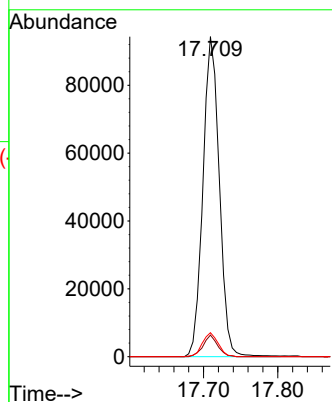
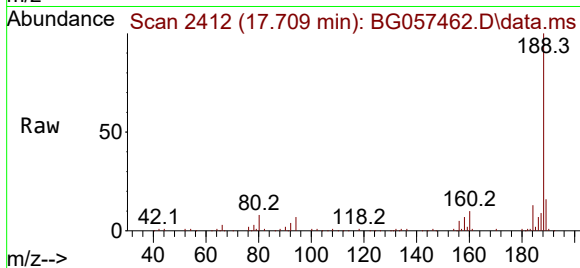
Tgt Ion:188 Resp: 145039

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

80 7.5 5.7 8.5



#67

4-Bromophenyl-phenylether

Concen: 4.445 ng

RT: 16.458 min Scan# 2199

Delta R.T. -0.427 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

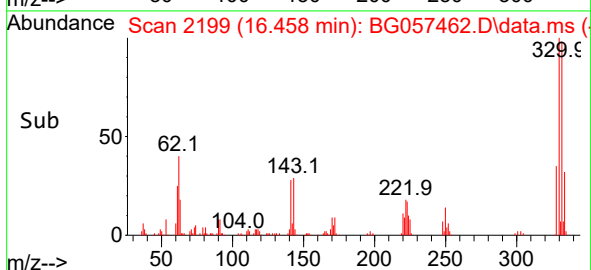
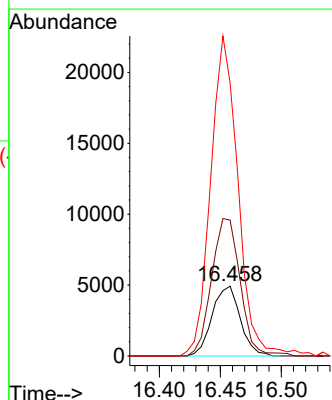
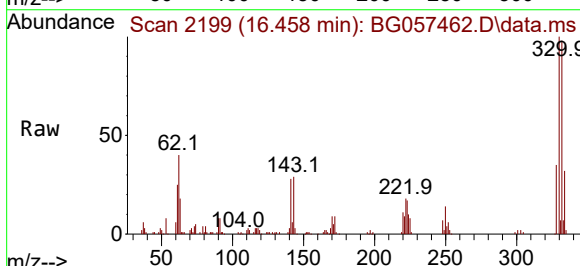
Tgt Ion:248 Resp: 7870

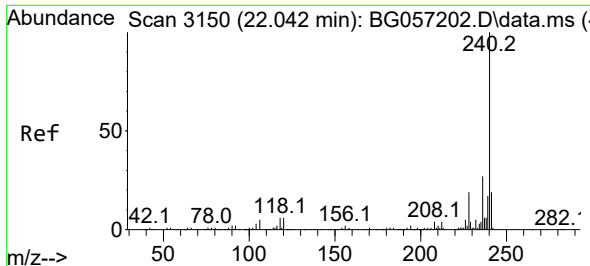
Ion Ratio Lower Upper

248 100

250 194.7 77.0 115.6#

141 391.0 48.6 72.8#

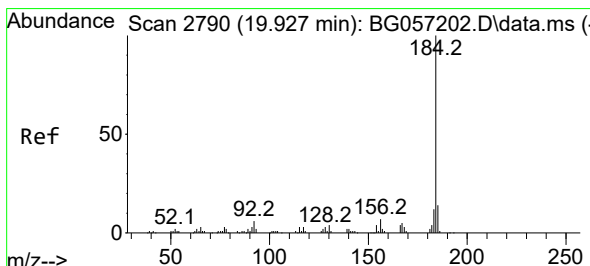
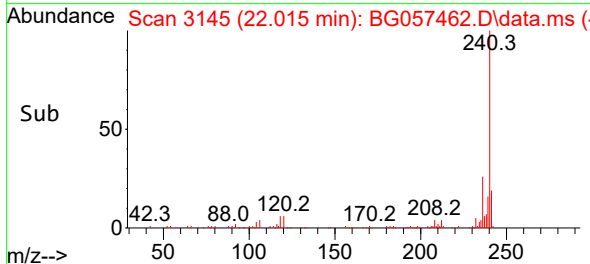
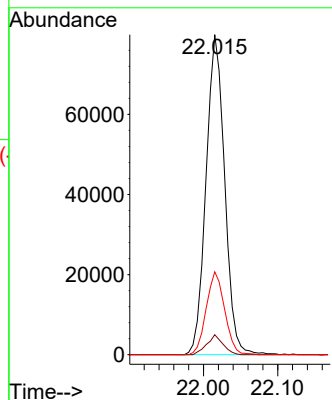
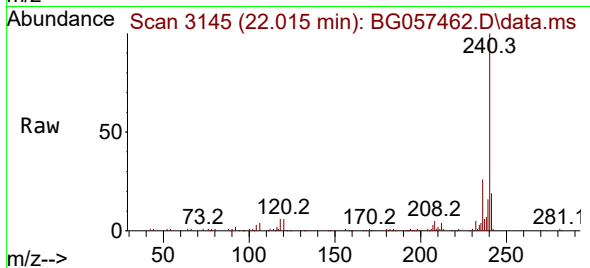




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

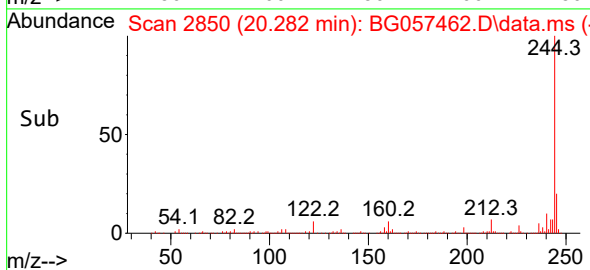
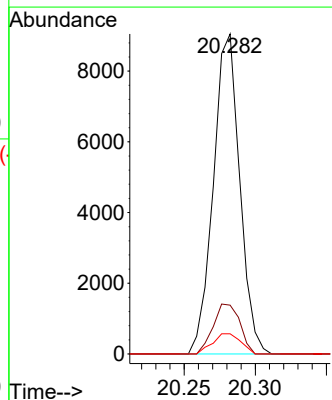
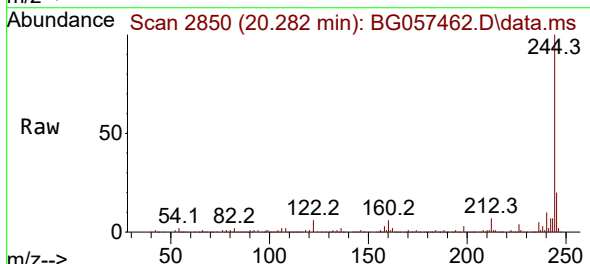
Instrument :
BNA_G
ClientSampleId :
PB152410BL

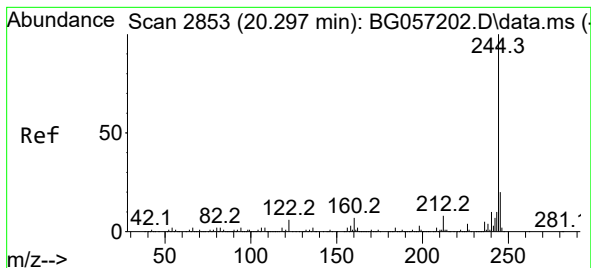
Tgt Ion:240 Resp: 139675
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 25.9 21.4 32.2



#77
Benzidine
Concen: 3.734 ng
RT: 20.282 min Scan# 2850
Delta R.T. 0.372 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion:184 Resp: 11660
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 6.3 9.9 14.9#





#79

Terphenyl-d14

Concen: 94.541 ng

RT: 20.282 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

Instrument :

BNA_G

ClientSampleId :

PB152410BL

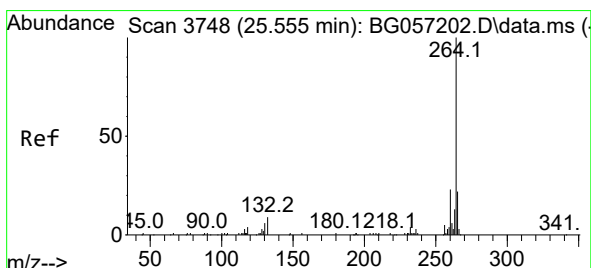
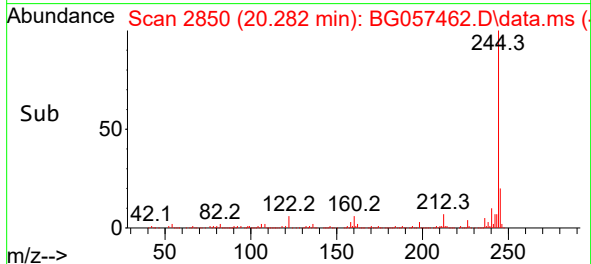
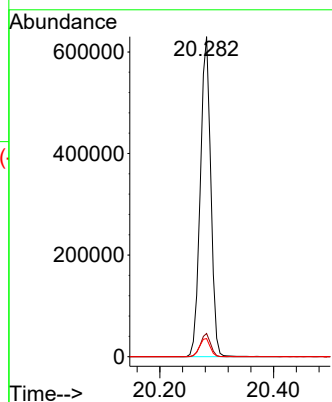
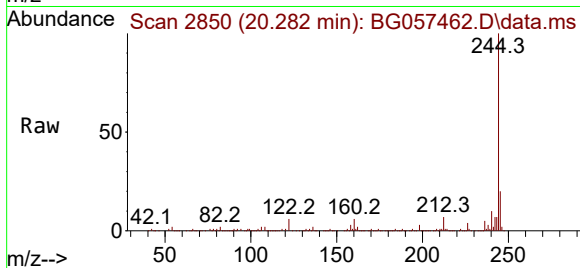
Tgt Ion:244 Resp: 809174

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 5.6 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.510 min Scan# 3740

Delta R.T. -0.004 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

Tgt Ion:264 Resp: 150844

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.1 17.9 26.9

