

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058561.D
 Acq On : 1 Aug 2023 13:58
 Operator : MA/JU
 Sample : 03769-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P40B

Quant Time: Aug 01 19:02:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

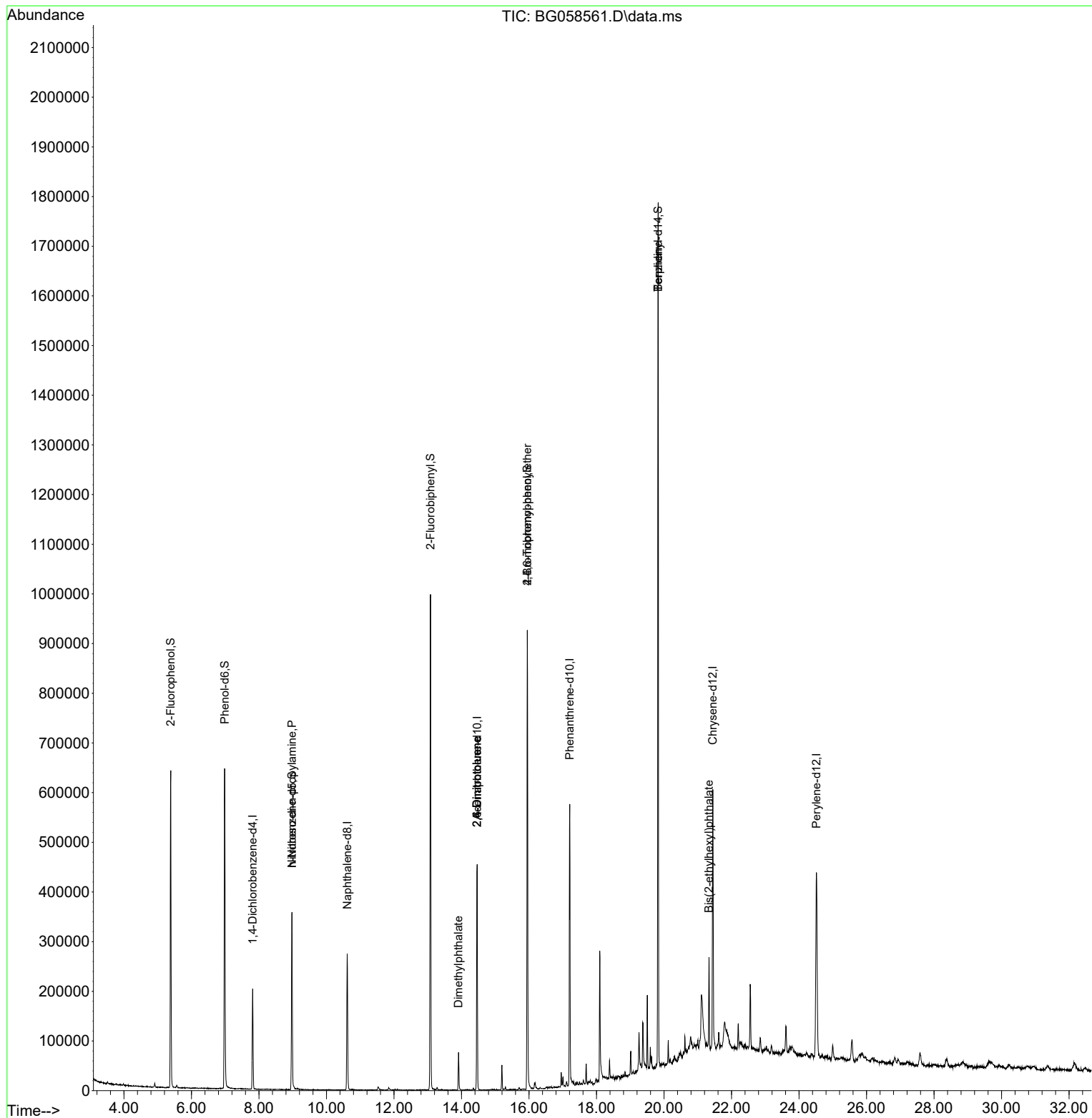
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	56209	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	241496	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	167326	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	368925	20.000	ng	0.00
76) Chrysene-d12	21.443	240	313507	20.000	ng	0.00
86) Perylene-d12	24.516	264	395784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	276439	75.170	ng	0.00
7) Phenol-d6	6.984	99	396922	77.567	ng	0.00
23) Nitrobenzene-d5	8.976	82	226521	46.079	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	208719	76.103	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	565331	50.632	ng	0.00
79) Terphenyl-d14	19.828	244	925816	55.534	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	27702	8.381	ng	# 80
50) Dimethylphthalate	13.911	163	53803	4.281	ng	99
51) 2,6-Dinitrotoluene	14.457	165	21972	7.969	ng	# 23
57) 2,4-Dinitrotoluene	14.457	165	21972	5.748	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	12842	3.069	ng	# 1
77) Benzidine	19.828	184	11466	2.412	ng	# 9
84) Bis(2-ethylhexyl)phtha...	21.332	149	71500	5.583	ng	95

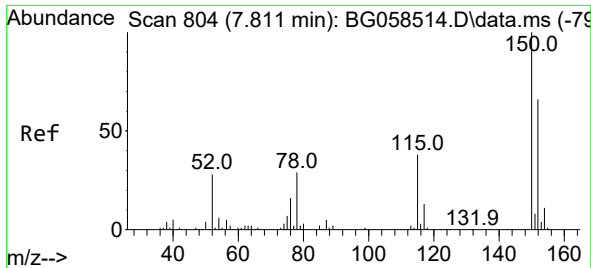
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
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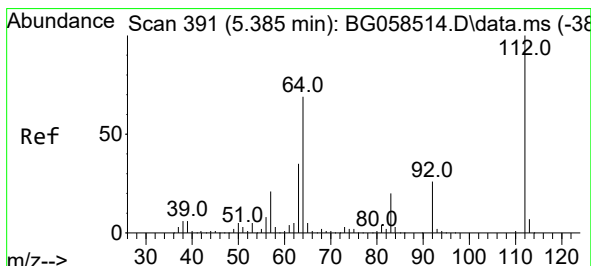
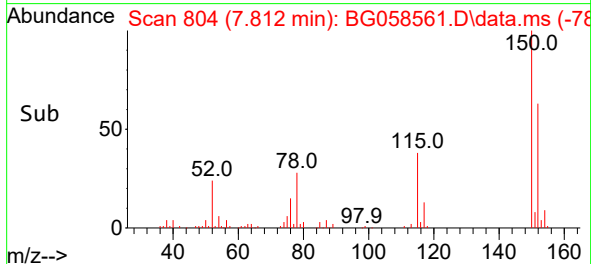
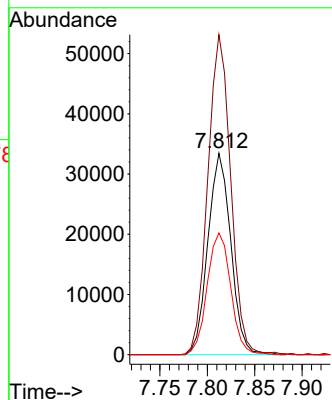
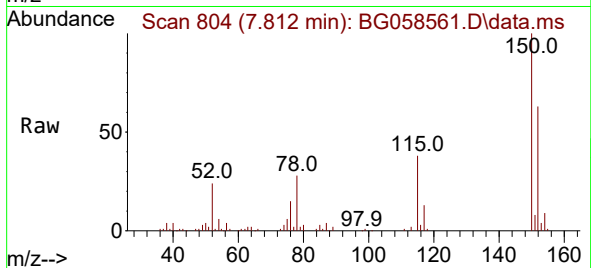




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

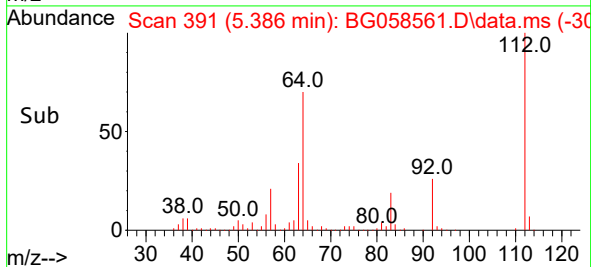
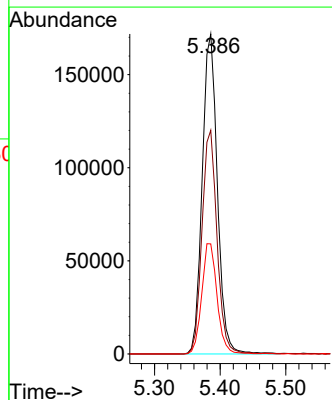
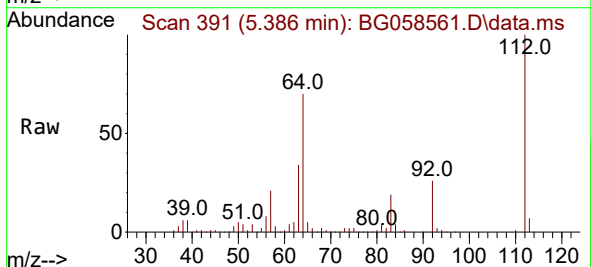
Instrument :
BNA_G
ClientSampleId :
B-P40B

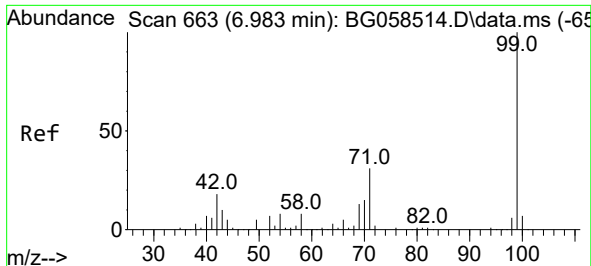
Tgt Ion:152 Resp: 56209
Ion Ratio Lower Upper
152 100
150 158.9 120.5 180.7
115 60.5 45.9 68.9



#5
2-Fluorophenol
Concen: 75.170 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Tgt Ion:112 Resp: 276439
Ion Ratio Lower Upper
112 100
64 69.9 55.3 82.9
63 34.4 28.3 42.5

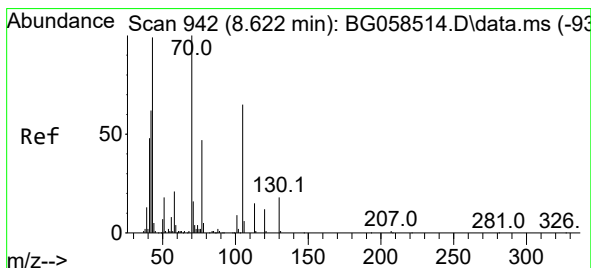
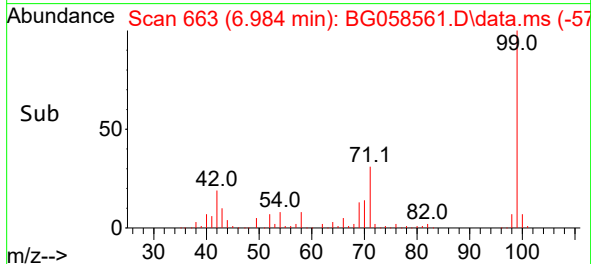
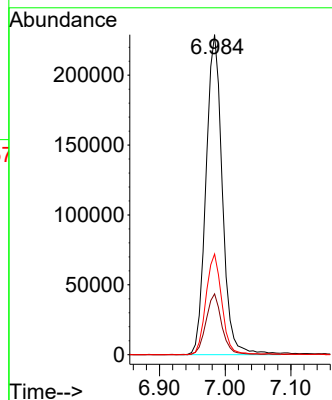
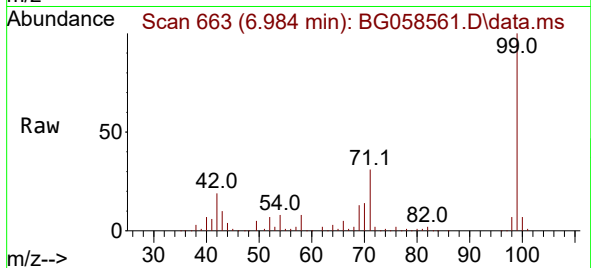




#7
Phenol-d6
Concen: 77.567 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

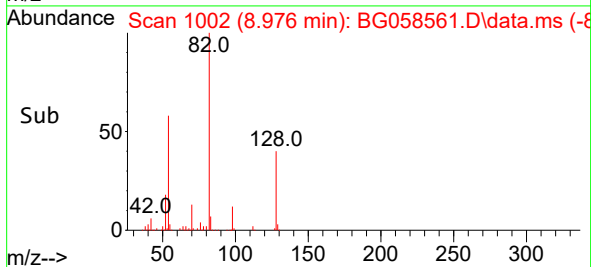
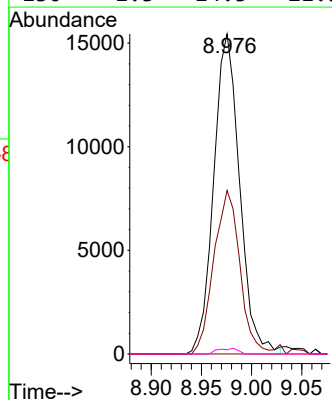
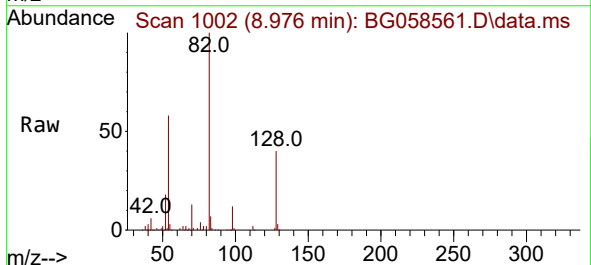
Instrument :
BNA_G
ClientSampleId :
B-P40B

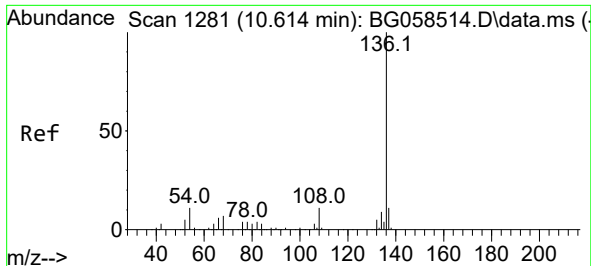
Tgt Ion: 99 Resp: 396922
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.381 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Tgt Ion: 70 Resp: 27702
Ion Ratio Lower Upper
70 100
42 51.1 49.7 74.5
101 0.0 7.0 10.4#
130 1.3 14.3 21.5#

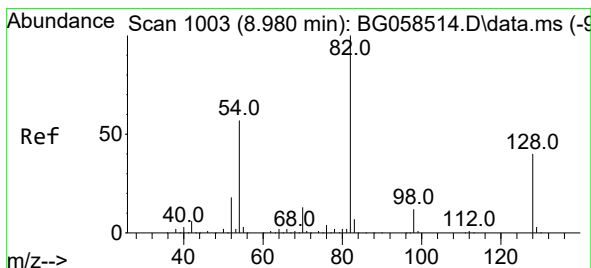
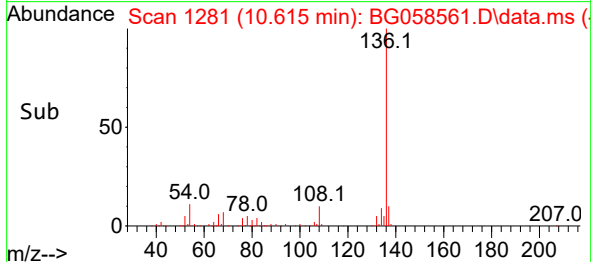
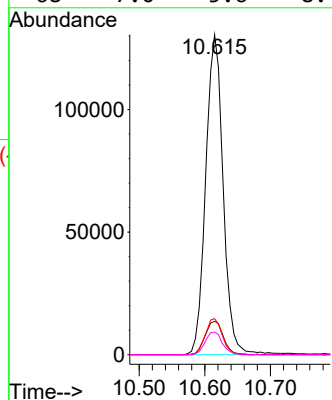
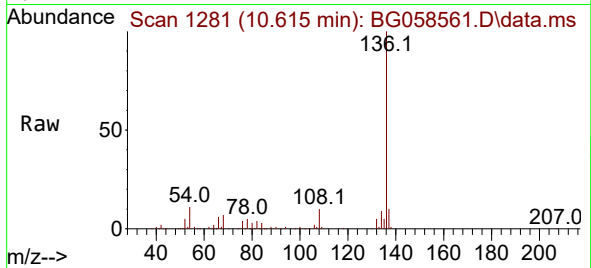




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

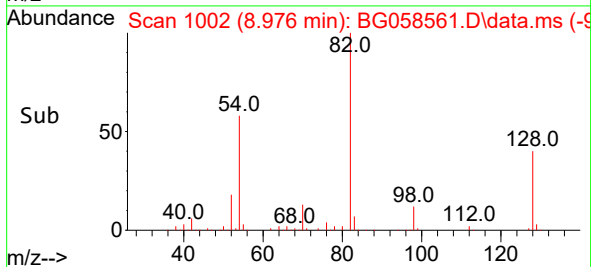
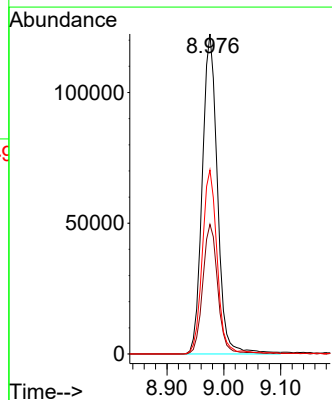
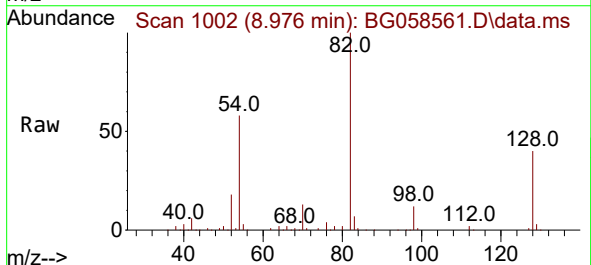
Instrument :
BNA_G
ClientSampleId :
B-P40B

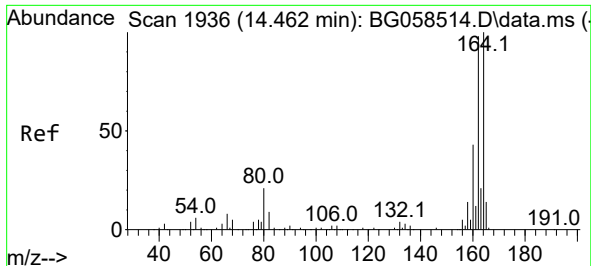
Tgt Ion:136 Resp: 241496
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.2 8.9 13.3
68 7.0 5.6 8.4



#23
Nitrobenzene-d5
Concen: 46.079 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Tgt Ion: 82 Resp: 226521
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 57.5 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058561.D

Acq: 1 Aug 2023 13:58

Instrument :

BNA_G

ClientSampleId :

B-P40B

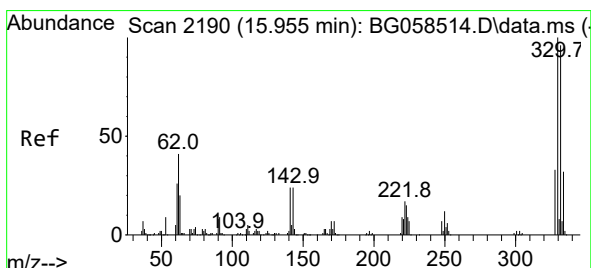
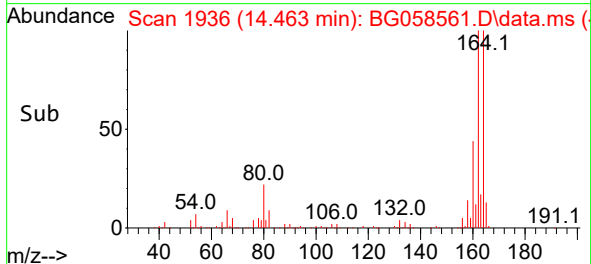
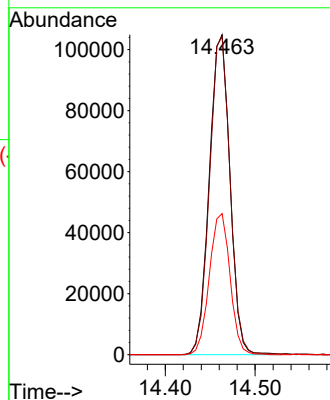
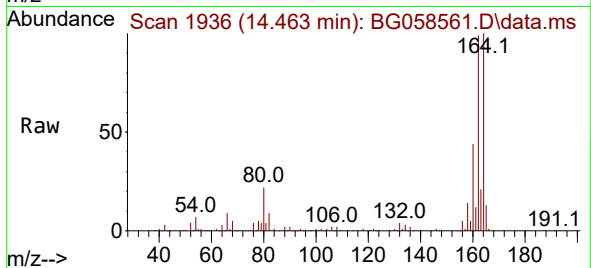
Tgt Ion:164 Resp: 167326

Ion Ratio Lower Upper

164 100

162 99.4 78.3 117.5

160 44.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 76.103 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058561.D

Acq: 1 Aug 2023 13:58

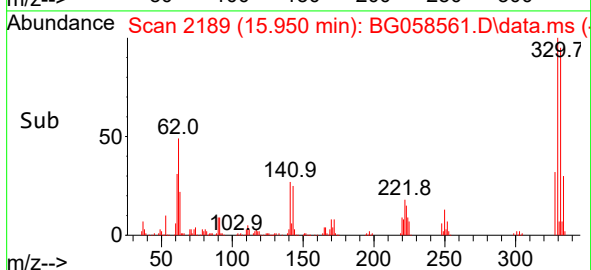
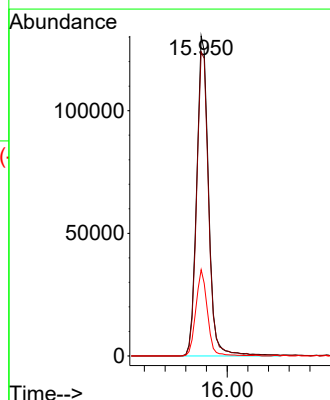
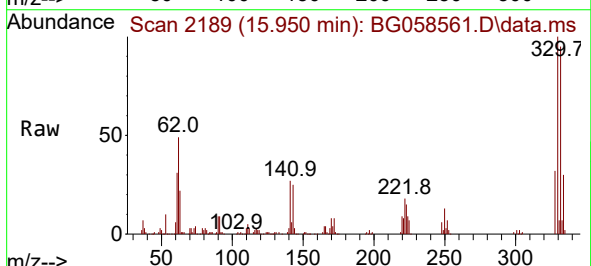
Tgt Ion:330 Resp: 208719

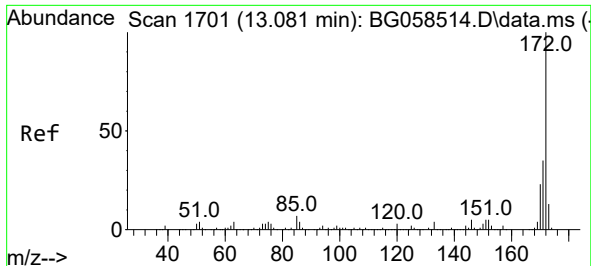
Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

141 26.1 20.7 31.1

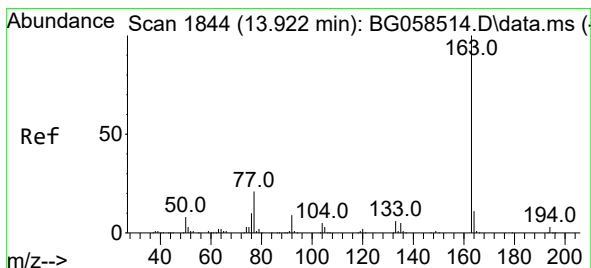
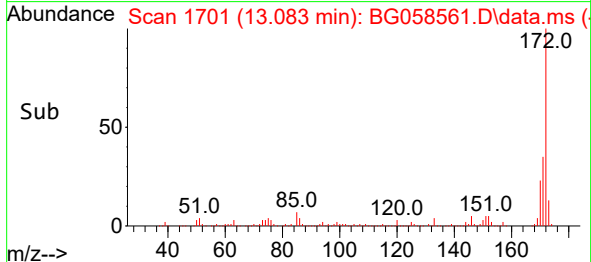
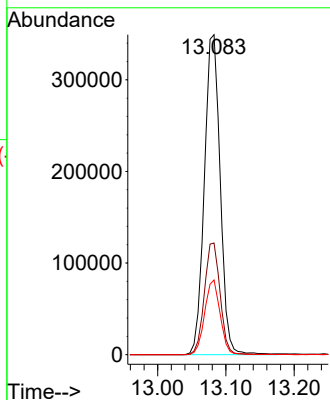
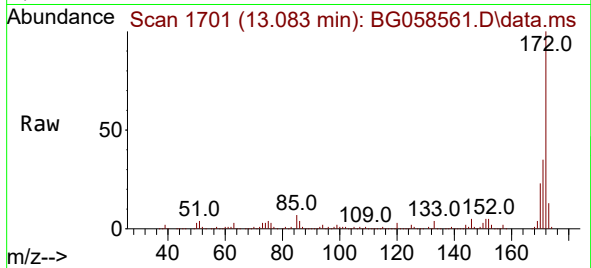




#45
2-Fluorobiphenyl
Concen: 50.632 ng
RT: 13.083 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

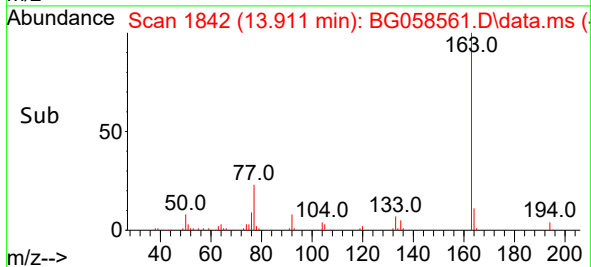
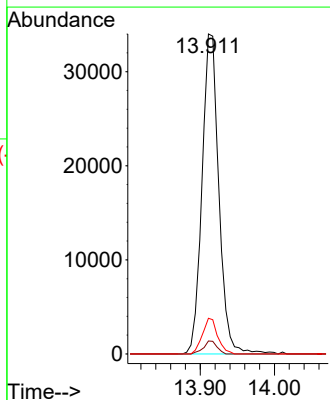
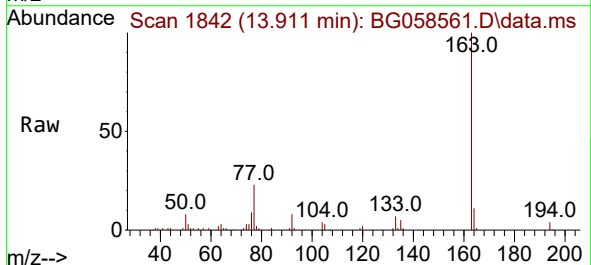
Instrument :
BNA_G
ClientSampleId :
B-P40B

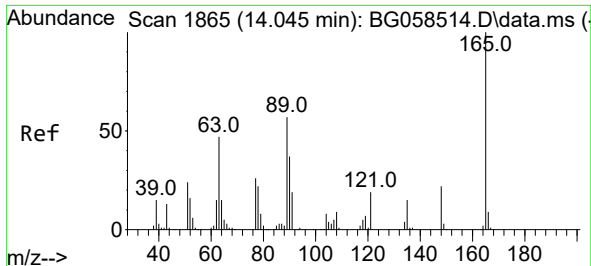
Tgt Ion:172 Resp: 565331
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 18.4 27.6



#50
Dimethylphthalate
Concen: 4.281 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Tgt Ion:163 Resp: 53803
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.1 8.6 12.8

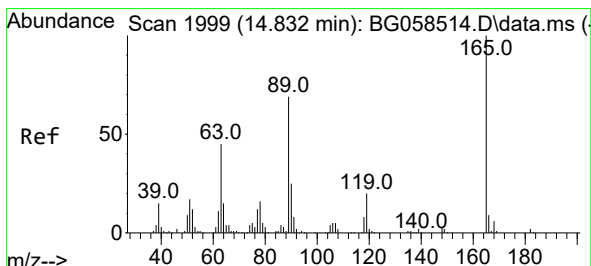
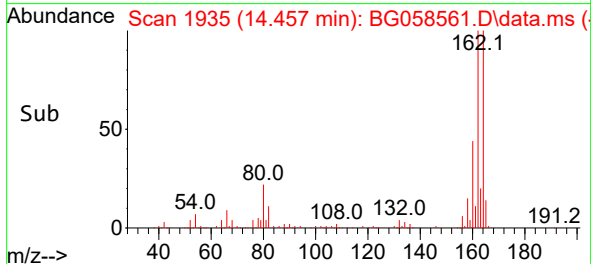
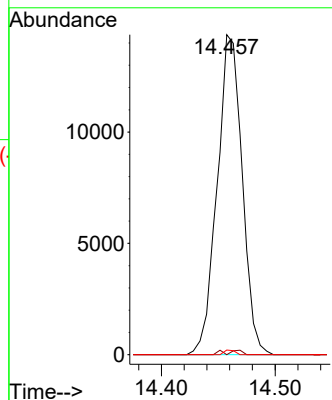
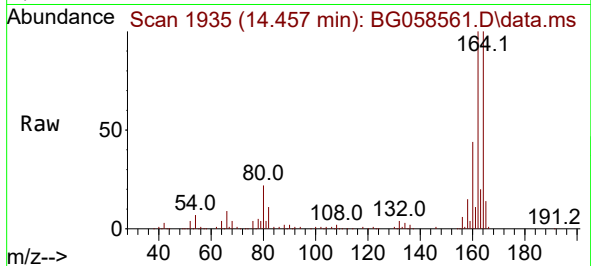




#51
2,6-Dinitrotoluene
Concen: 7.969 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

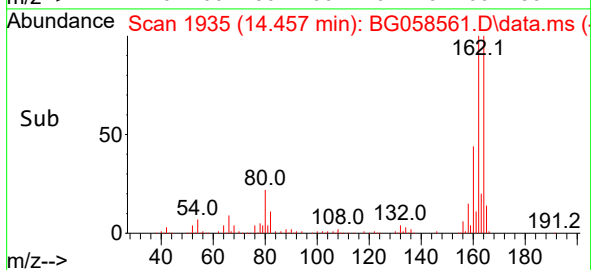
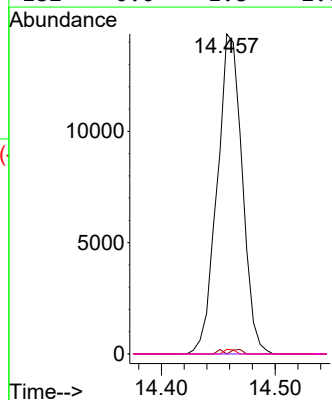
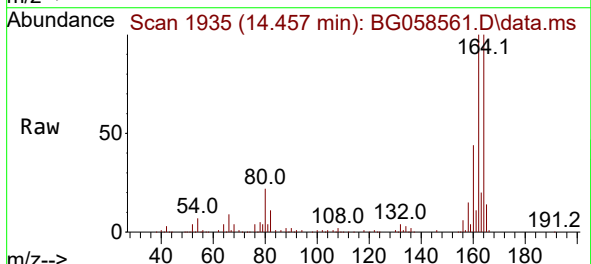
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BNA_G
ClientSampleId :
B-P40B

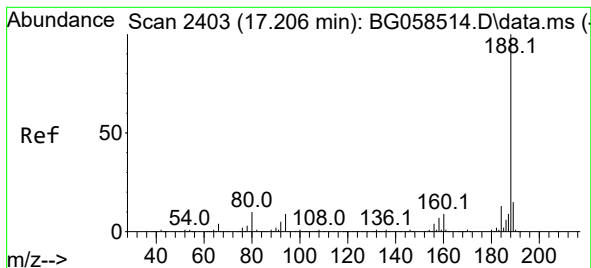
Tgt Ion:165 Resp: 21972
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.5 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.748 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.375 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Tgt Ion:165 Resp: 21972
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 1.5 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG058561.D

Acq: 1 Aug 2023 13:58

Instrument :

BNA_G

ClientSampleId :

B-P40B

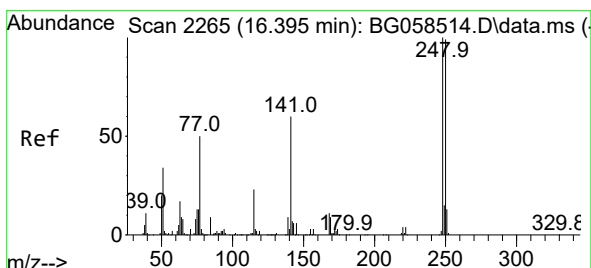
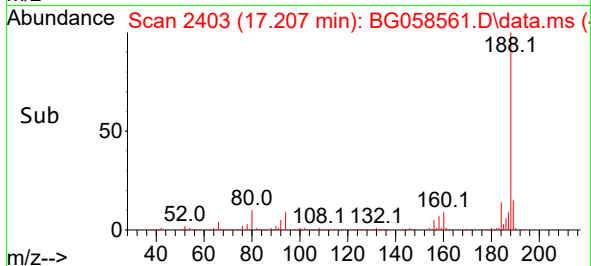
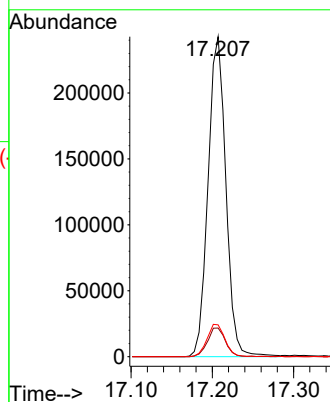
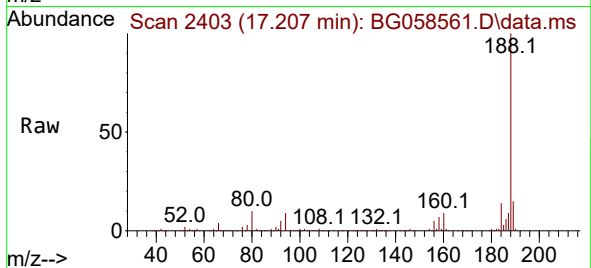
Tgt Ion:188 Resp: 368925

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.9 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.069 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.446 min

Lab File: BG058561.D

Acq: 1 Aug 2023 13:58

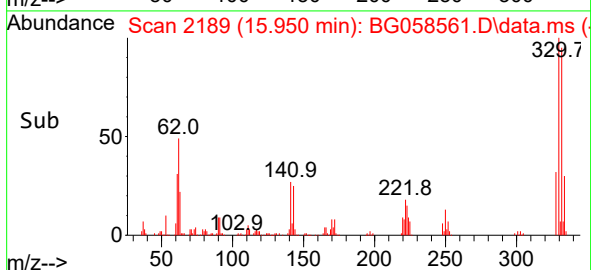
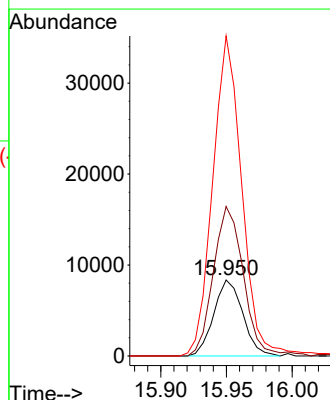
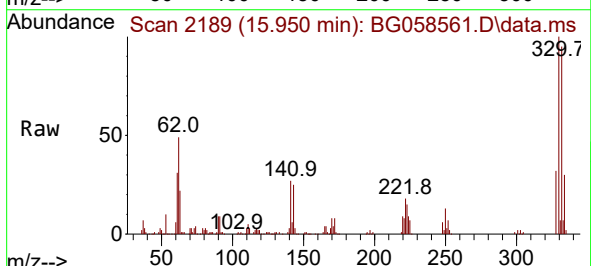
Tgt Ion:248 Resp: 12842

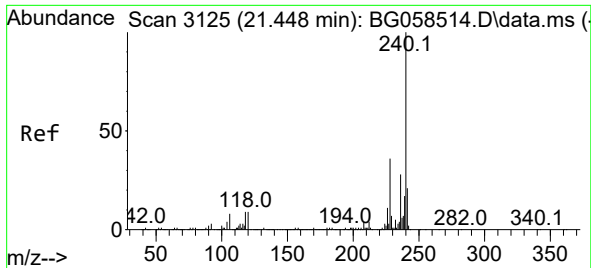
Ion Ratio Lower Upper

248 100

250 196.7 79.5 119.3#

141 420.9 48.2 72.2#

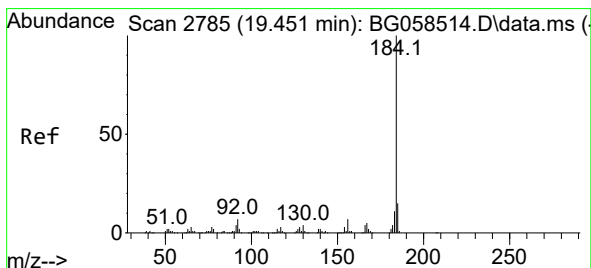
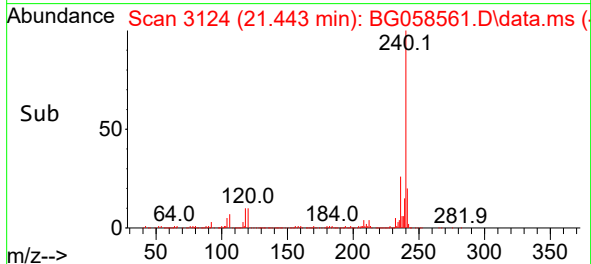
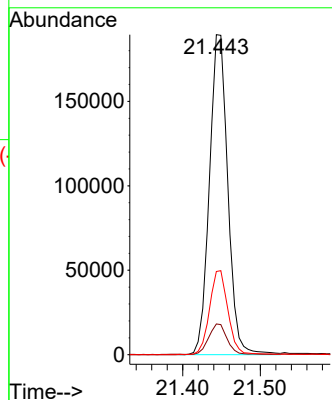
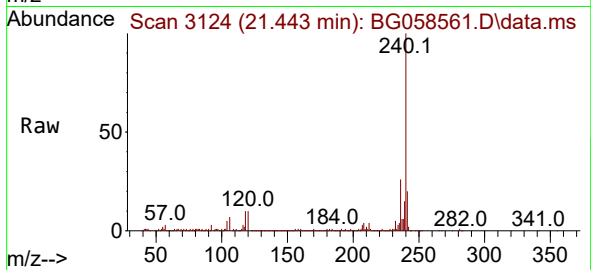




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

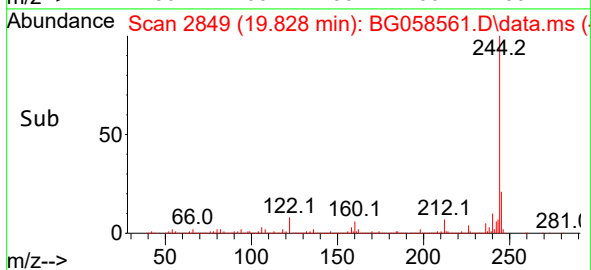
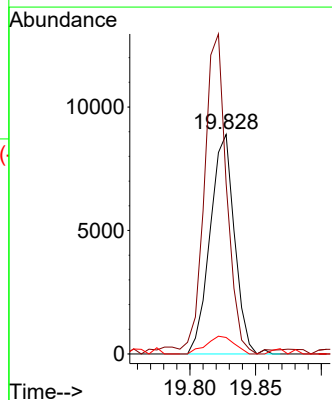
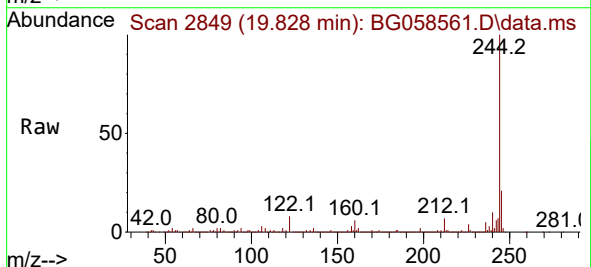
Instrument :
BNA_G
ClientSampleId :
B-P40B

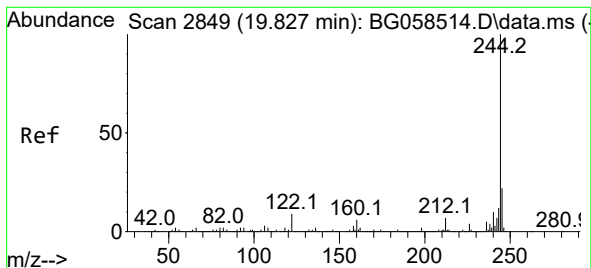
Tgt Ion:240 Resp: 313507
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.0 22.2 33.4



#77
Benzidine
Concen: 2.412 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Tgt Ion:184 Resp: 11466
Ion Ratio Lower Upper
184 100
185 77.7 11.9 17.9#
183 7.5 8.7 13.1#





#79

Terphenyl-d14

Concen: 55.534 ng

RT: 19.828 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058561.D

Acq: 1 Aug 2023 13:58

Instrument :

BNA_G

ClientSampleId :

B-P40B

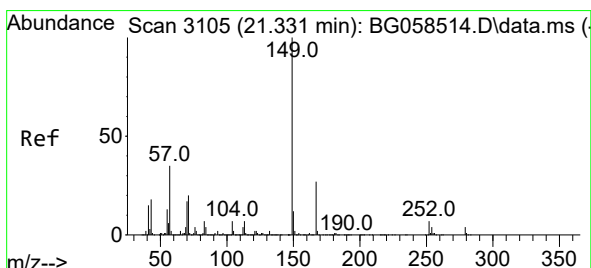
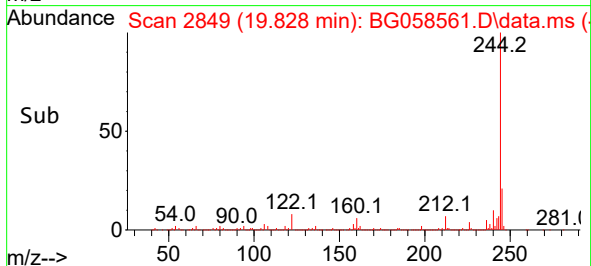
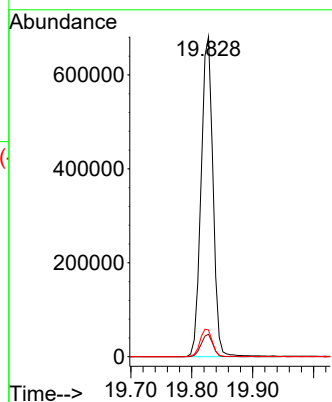
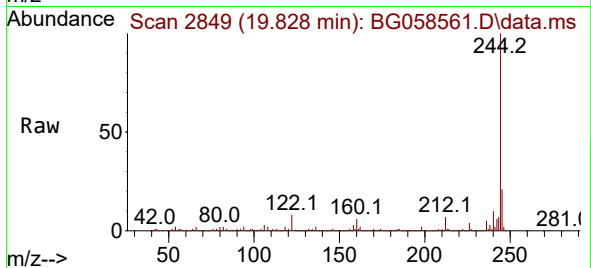
Tgt Ion:244 Resp: 925816

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.3 6.8 10.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.583 ng

RT: 21.332 min Scan# 3105

Delta R.T. 0.001 min

Lab File: BG058561.D

Acq: 1 Aug 2023 13:58

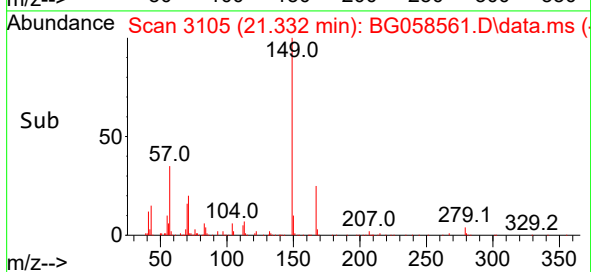
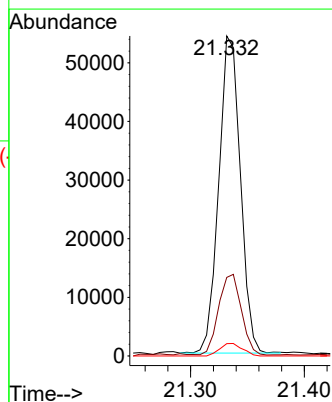
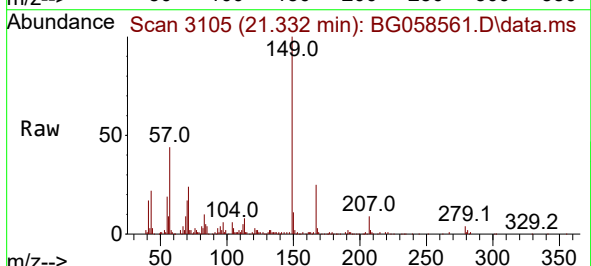
Tgt Ion:149 Resp: 71500

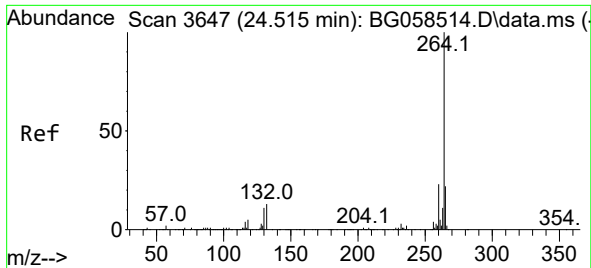
Ion Ratio Lower Upper

149 100

167 24.6 21.8 32.8

279 3.9 2.9 4.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG058561.D
Acq: 1 Aug 2023 13:58

Instrument :
BNA_G
ClientSampleId :
B-P40B

Tgt Ion:264 Resp: 395784

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.7	17.9	26.9

