

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053511.D
 Acq On : 10 May 2022 17:00
 Operator : CG/JU
 Sample : N2763-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509

Quant Time: May 11 06:03:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

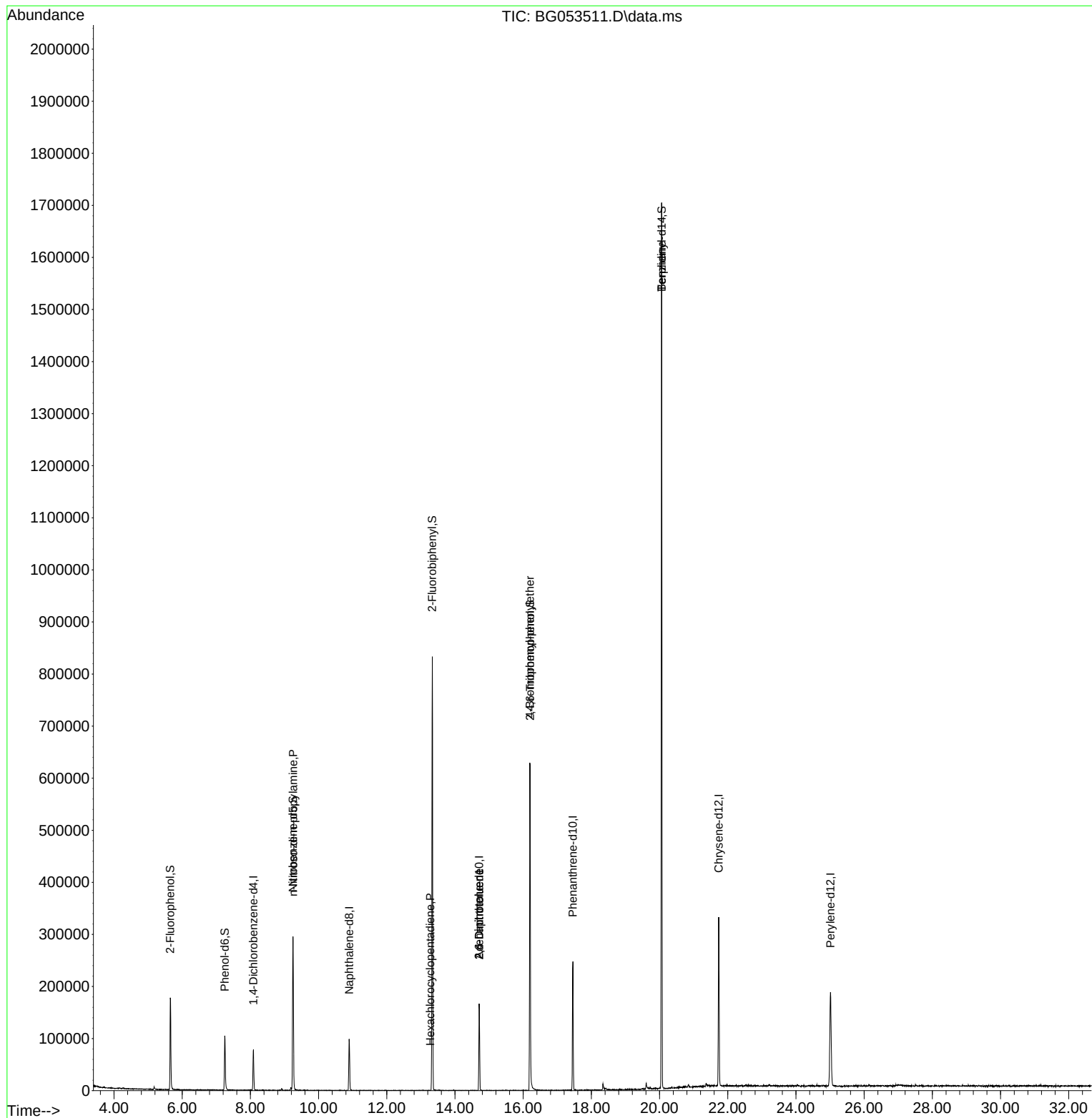
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	22136	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	85231	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	62714	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	162262	20.000	ng	0.00
76) Chrysene-d12	21.734	240	206183	20.000	ng	0.00
86) Perylene-d12	25.012	264	205318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	74569	57.171	ng	0.00
7) Phenol-d6	7.248	99	64263	32.464	ng	0.00
23) Nitrobenzene-d5	9.245	82	194407	97.096	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	136194	147.243	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	443932	103.439	ng	0.00
79) Terphenyl-d14	20.060	244	856596	77.377	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.251	70	28675	20.190	ng	# 75
41) Hexachlorocyclopentadiene	13.275	237	68	8.911	ng	# 26
51) 2,6-Dinitrotoluene	14.709	165	8314	8.563	ng	# 16
57) 2,4-Dinitrotoluene	14.709	165	8314	5.908	ng	# 21
67) 4-Bromophenyl-phenylether	16.195	248	8489	4.480	ng	# 1
77) Benzidine	20.060	184	14855	3.343	ng	# 93

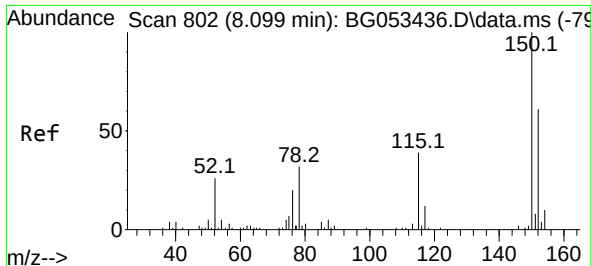
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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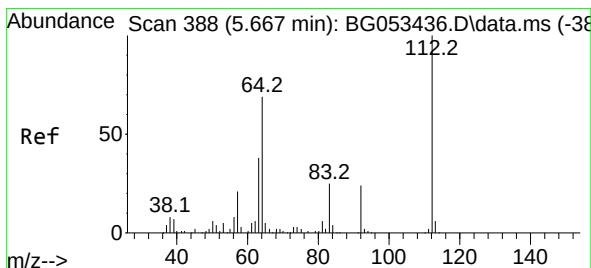
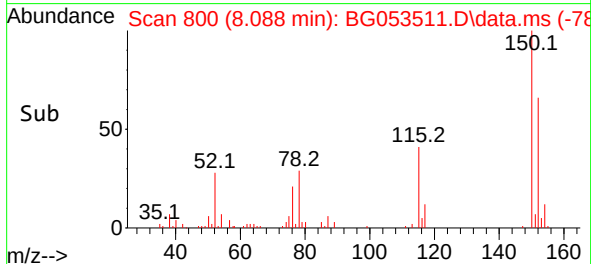
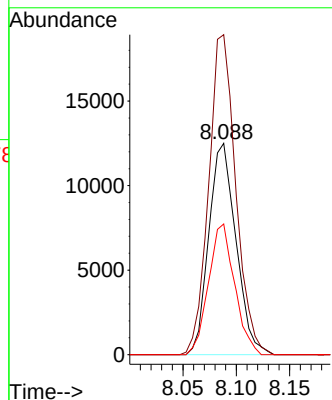
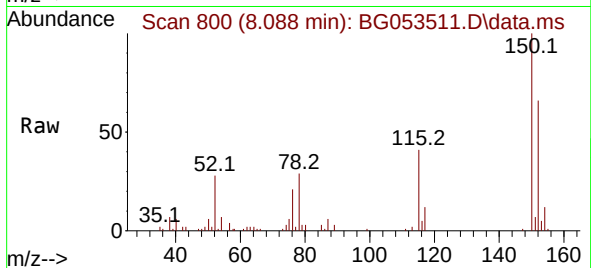




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

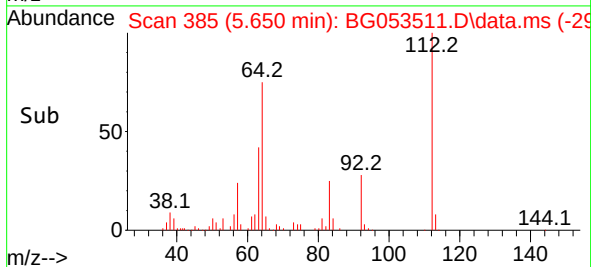
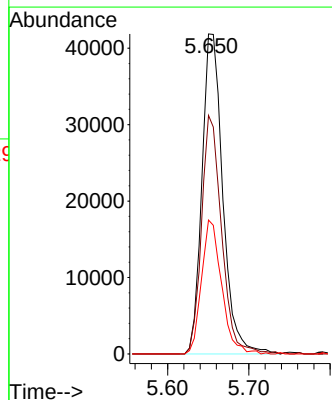
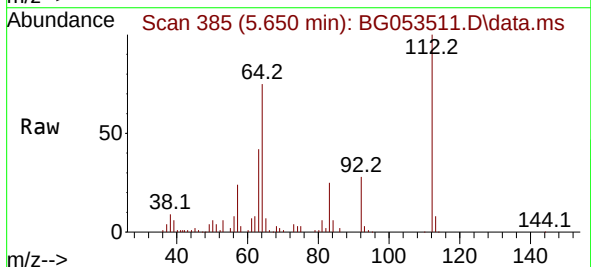
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509

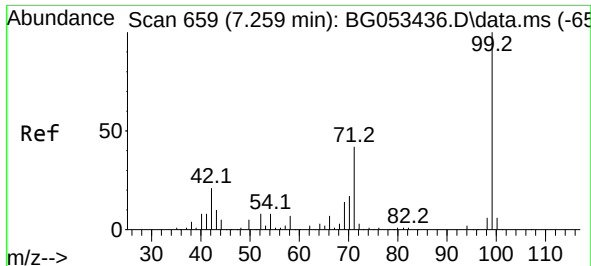
Tgt Ion:152 Resp: 22136
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 61.8 50.9 76.3



#5
2-Fluorophenol
Concen: 57.171 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

Tgt Ion:112 Resp: 74569
Ion Ratio Lower Upper
112 100
64 74.5 55.1 82.7
63 41.8 30.4 45.6

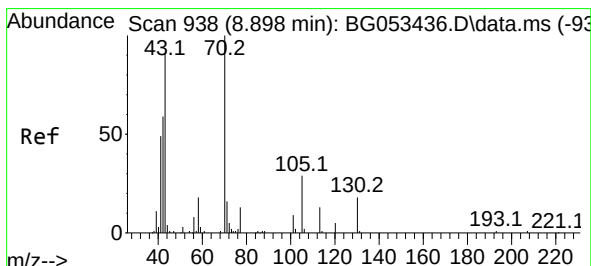
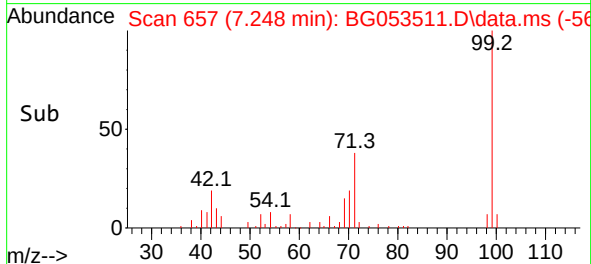
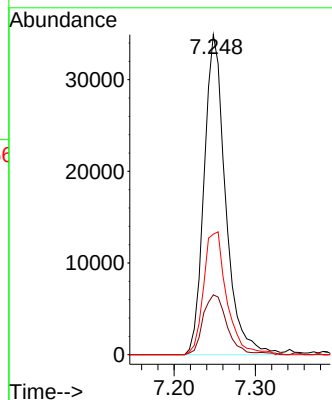
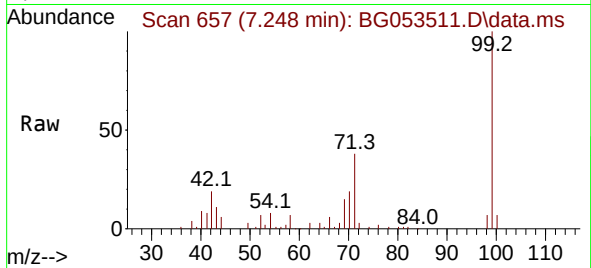




#7
Phenol-d6
Concen: 32.464 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

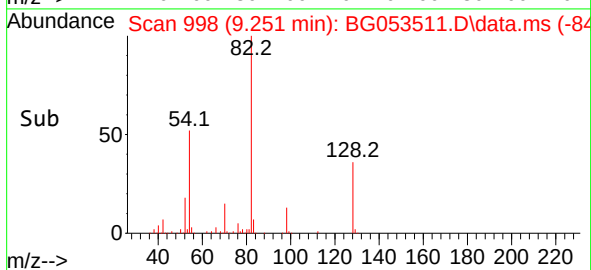
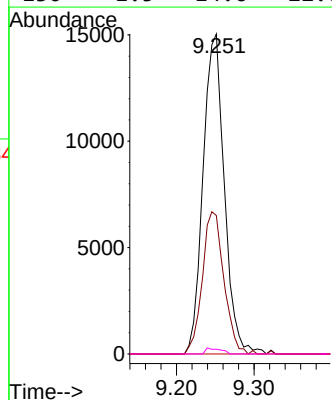
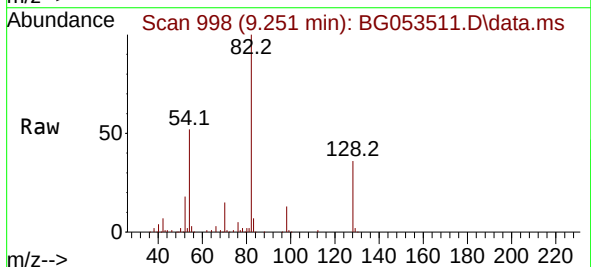
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509

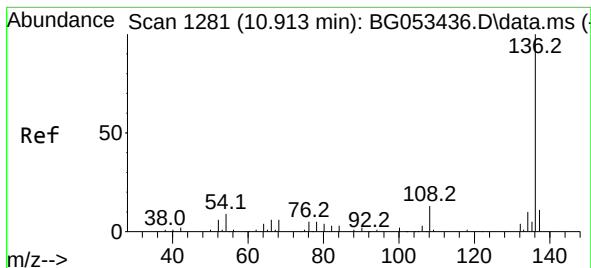
Tgt Ion: 99 Resp: 64263
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 37.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.190 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.363 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

Tgt Ion: 70 Resp: 28675
Ion Ratio Lower Upper
70 100
42 43.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.896 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509

Tgt Ion:136 Resp: 85231

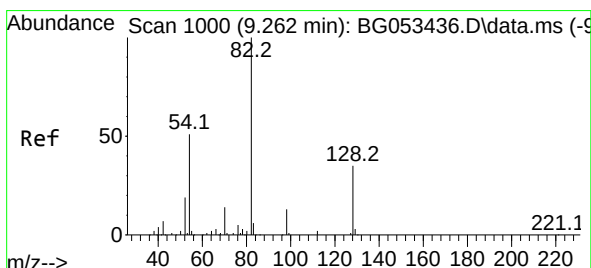
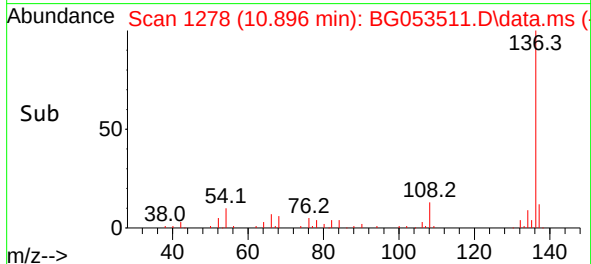
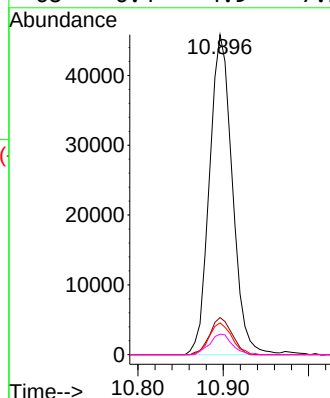
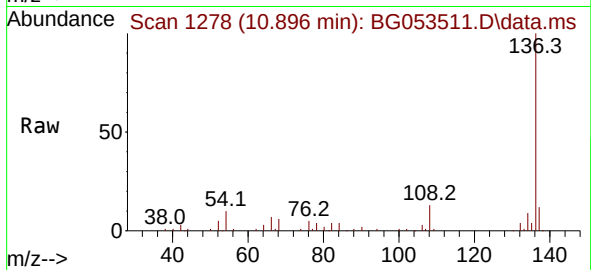
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 10.0 7.4 11.2

68 6.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 97.096 ng

RT: 9.245 min Scan# 997

Delta R.T. -0.007 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

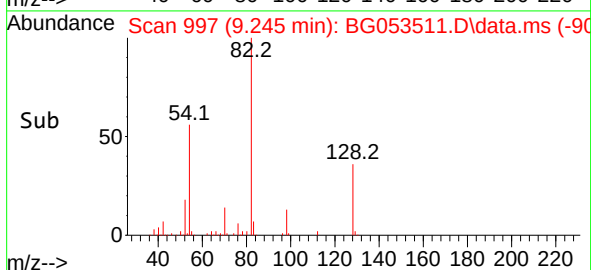
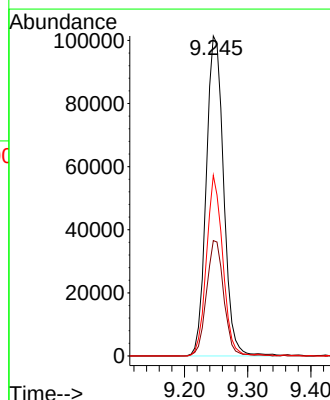
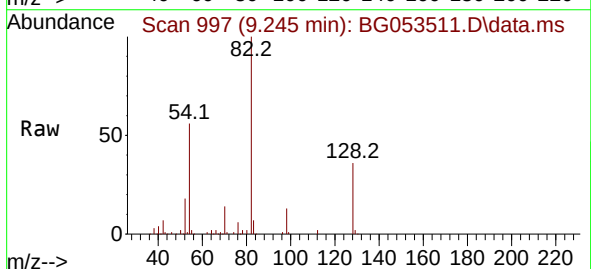
Tgt Ion: 82 Resp: 194407

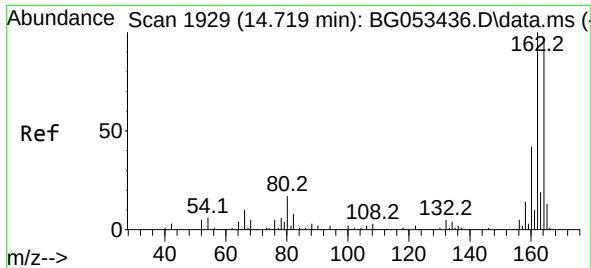
Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

54 56.4 41.2 61.8

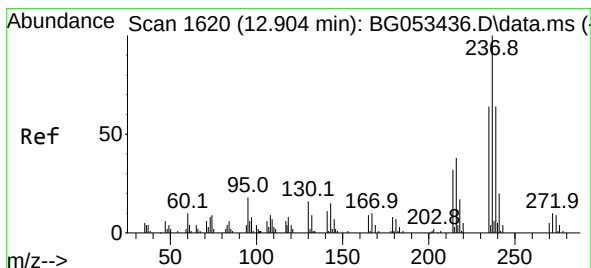
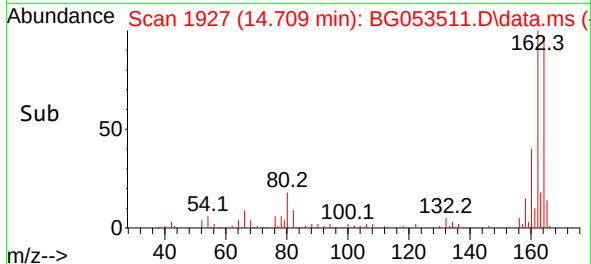
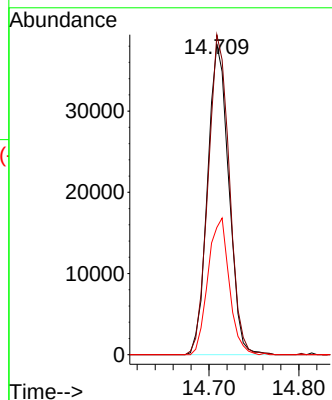
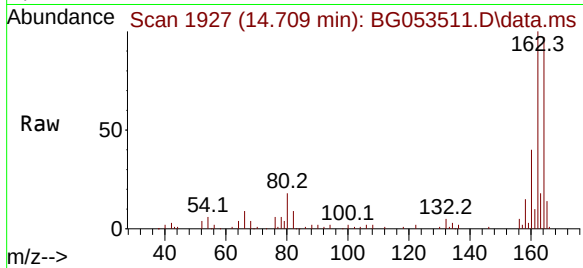




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1929
Delta R.T. -0.007 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

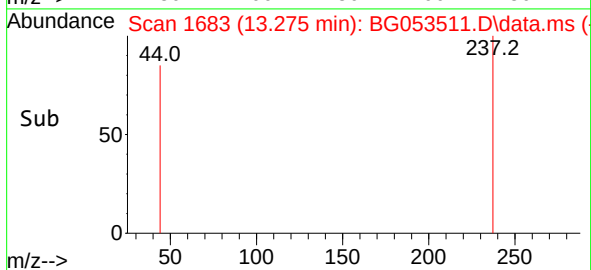
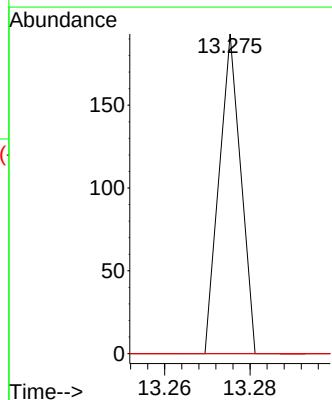
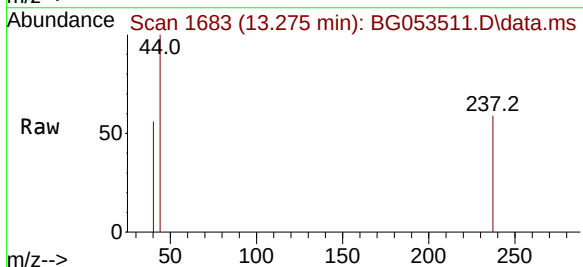
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509

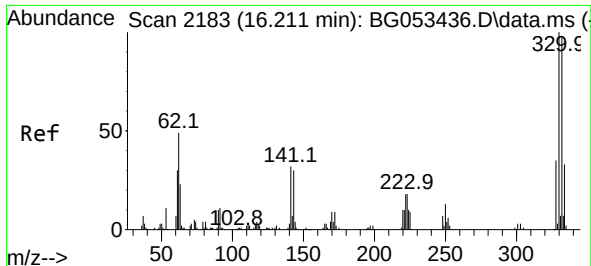
Tgt Ion:164 Resp: 62714
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 41.0 34.2 51.2



#41
Hexachlorocyclopentadiene
Concen: 8.911 ng
RT: 13.275 min Scan# 1683
Delta R.T. 0.375 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

Tgt Ion:237 Resp: 68
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1





#42

2,4,6-Tribromophenol

Concen: 147.243 ng

RT: 16.201 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053511.D

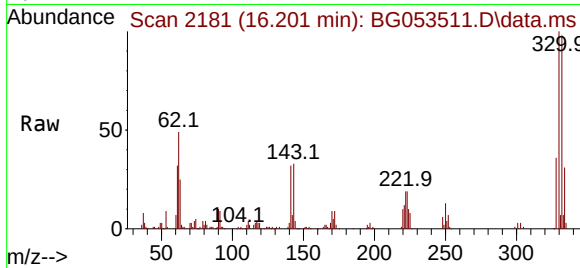
Acq: 10 May 2022 17:00

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509



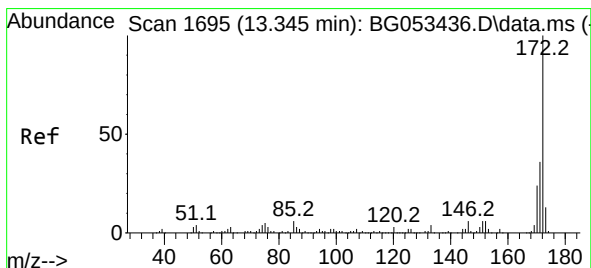
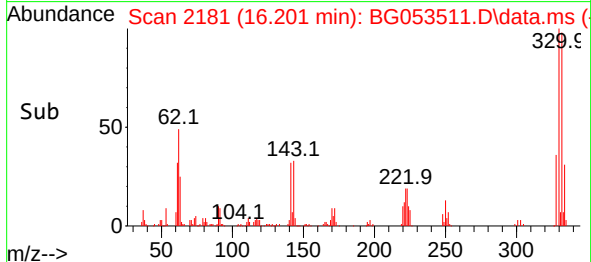
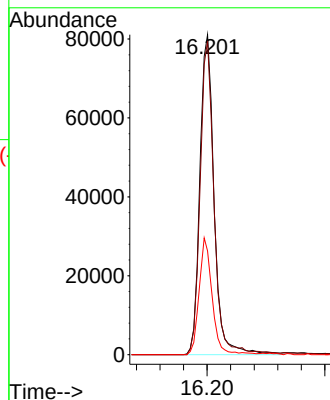
Tgt Ion:330 Resp: 136194

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 33.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 103.439 ng

RT: 13.334 min Scan# 1693

Delta R.T. -0.001 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

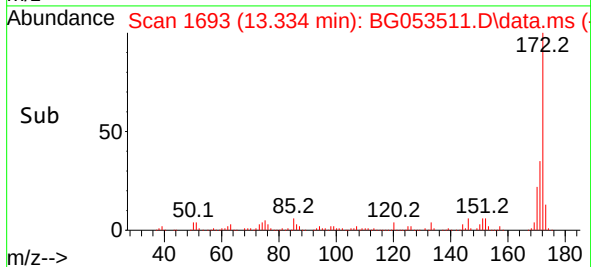
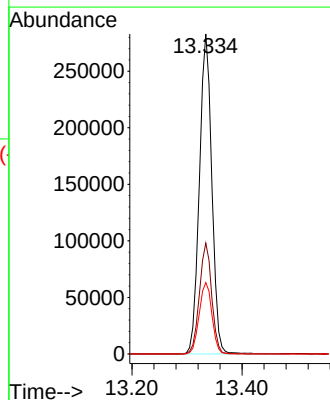
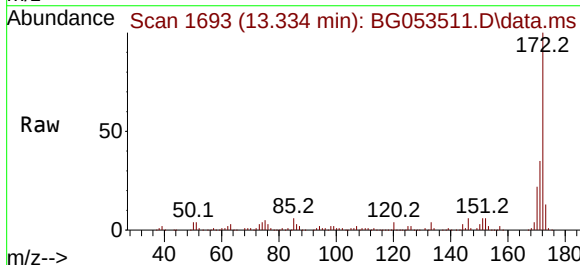
Tgt Ion:172 Resp: 443932

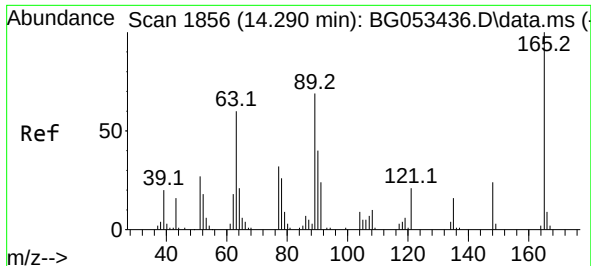
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 22.3 18.9 28.3

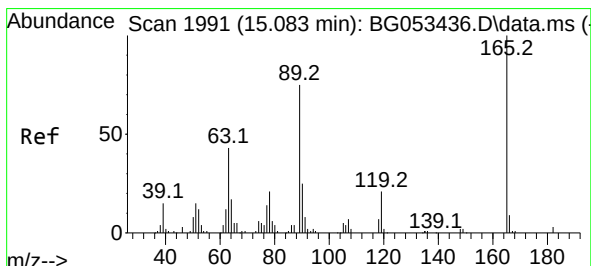
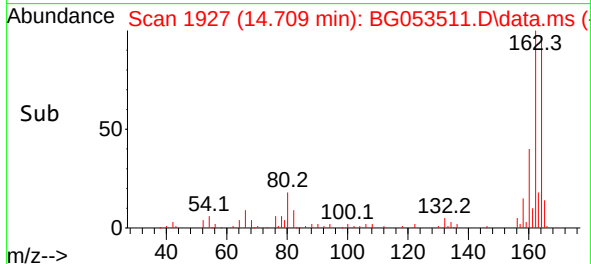
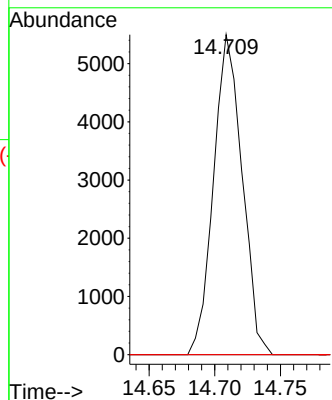
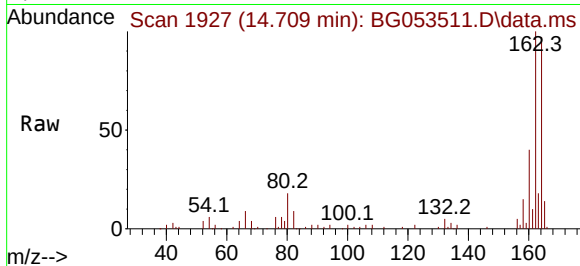




#51
2,6-Dinitrotoluene
Concen: 8.563 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.428 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

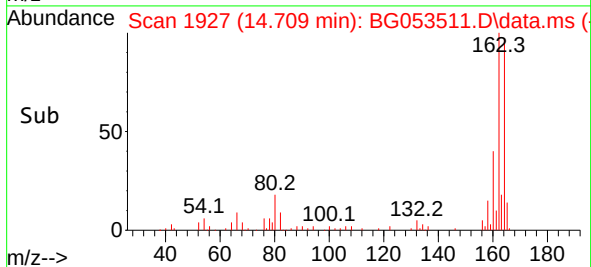
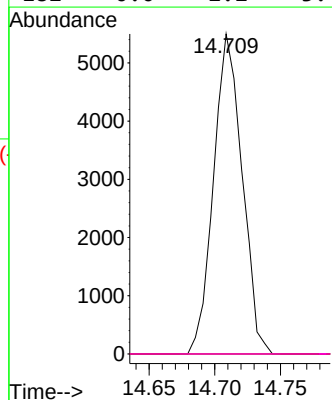
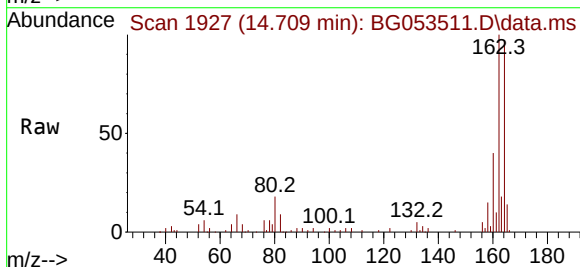
Instrument :
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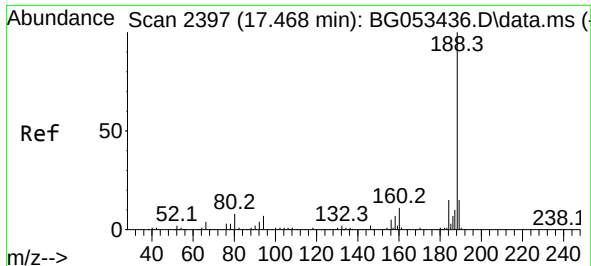
Tgt Ion:165 Resp: 8314
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.908 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.365 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

Tgt Ion:165 Resp: 8314
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

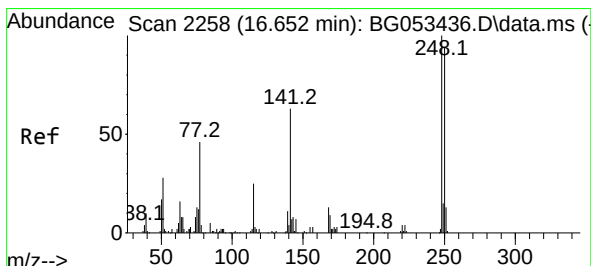
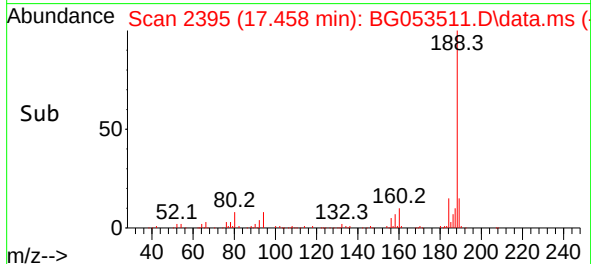
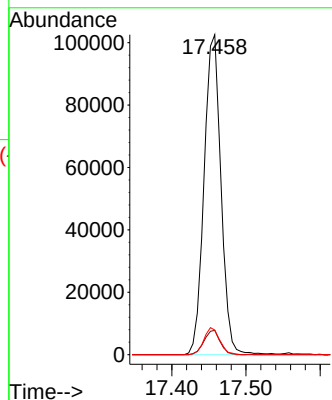
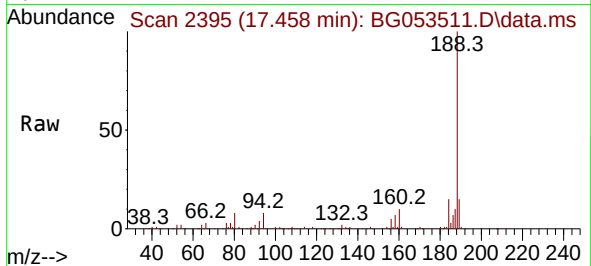




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.458 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

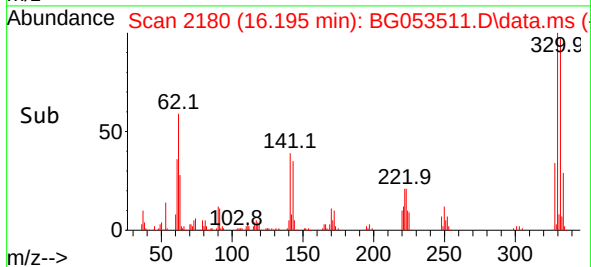
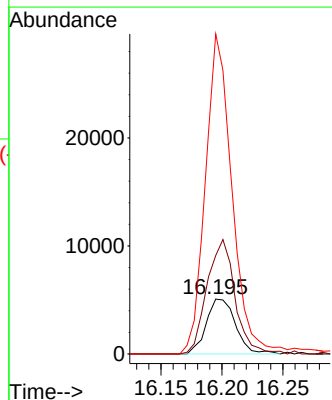
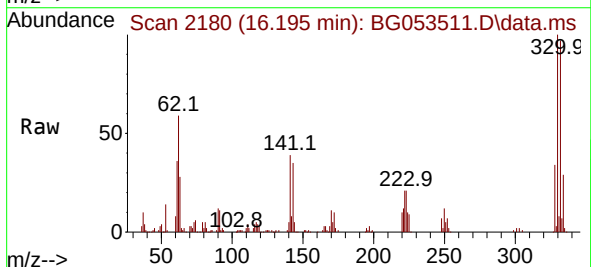
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509

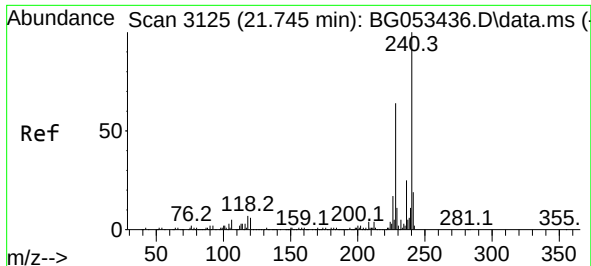
Tgt Ion:188 Resp: 162262
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.7 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 4.480 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

Tgt Ion:248 Resp: 8489
Ion Ratio Lower Upper
248 100
250 179.1 75.2 112.8#
141 582.6 50.0 75.0#

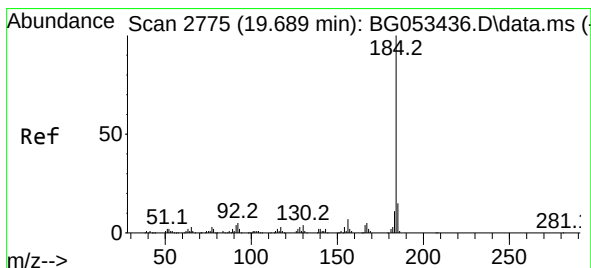
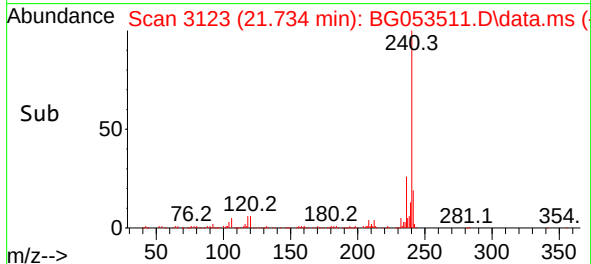
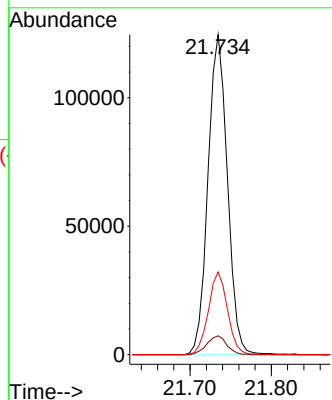
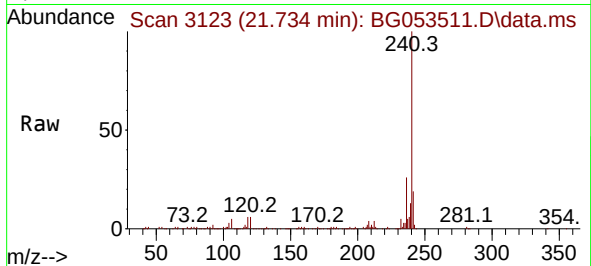




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

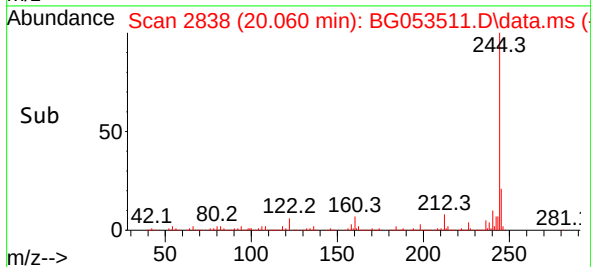
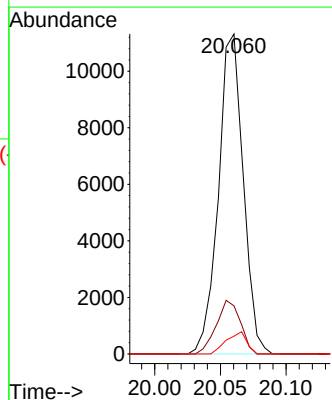
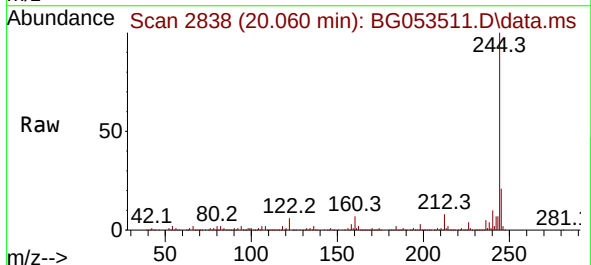
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509

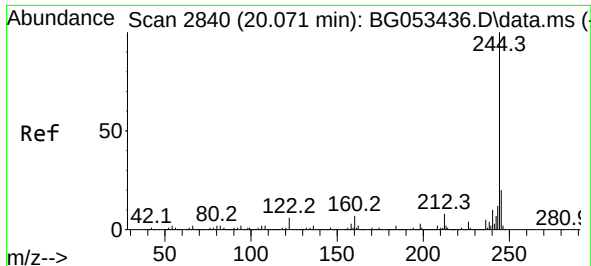
Tgt Ion:240 Resp: 206183
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.8 20.2 30.4



#77
Benzidine
Concen: 3.343 ng
RT: 20.060 min Scan# 2838
Delta R.T. 0.381 min
Lab File: BG053511.D
Acq: 10 May 2022 17:00

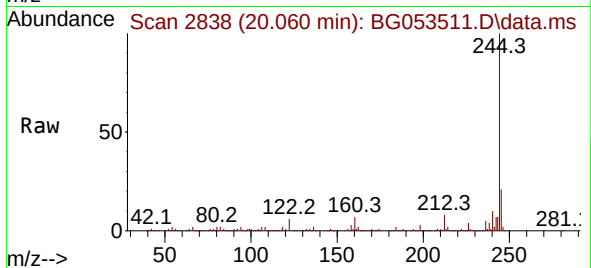
Tgt Ion:184 Resp: 14855
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 5.6 8.9 13.3#



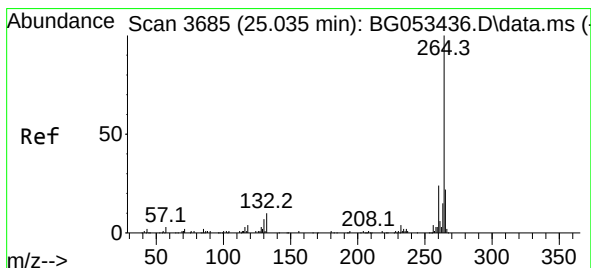
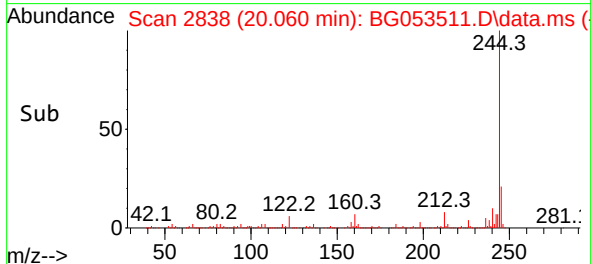
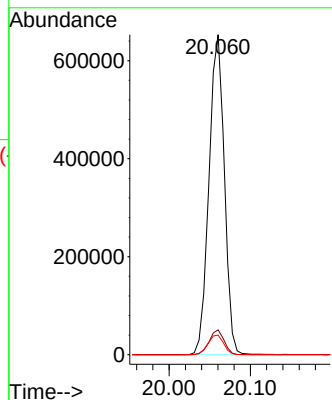


#79
 Terphenyl-d14
 Concen: 77.377 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053511.D
 Acq: 10 May 2022 17:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509



Tgt Ion:244 Resp: 856596
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.007 min
 Lab File: BG053511.D
 Acq: 10 May 2022 17:00

Tgt Ion:264 Resp: 205318
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 22.7 17.4 26.2

