

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052818.D
 Acq On : 24 Mar 2022 20:57
 Operator : CG/JU
 Sample : N2090-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-57

Quant Time: Mar 25 03:20:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

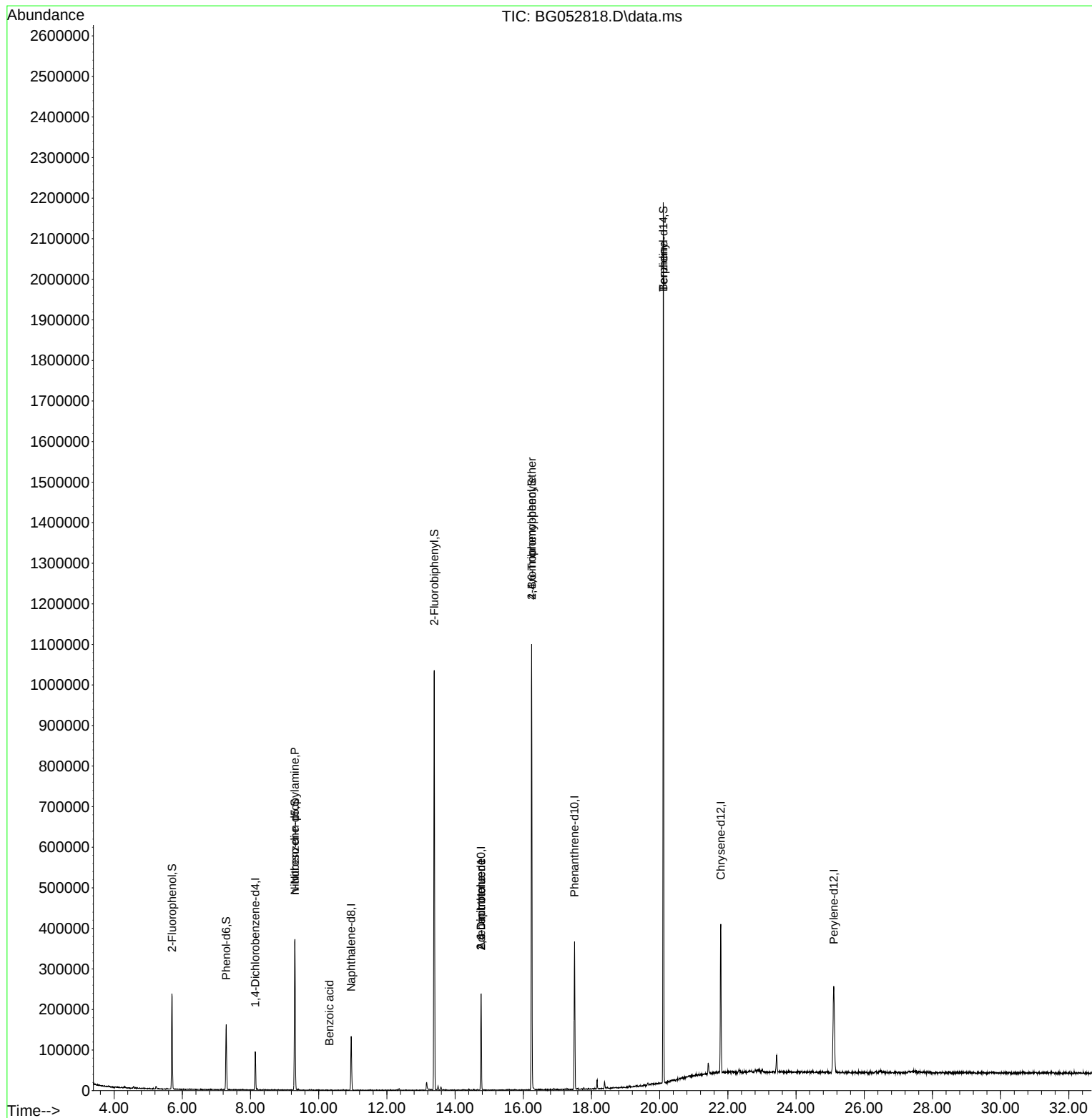
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	25694	20.000	ng	0.00
21) Naphthalene-d8	10.954	136	107872	20.000	ng	0.00
39) Acenaphthene-d10	14.761	164	88559	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	229482	20.000	ng	0.00
76) Chrysene-d12	21.792	240	238448	20.000	ng	0.00
86) Perylene-d12	25.111	264	246597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	96817	65.622	ng	0.00
7) Phenol-d6	7.288	99	89795	40.370	ng	0.00
23) Nitrobenzene-d5	9.303	82	236241	109.917	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	207385	174.274	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	554484	92.343	ng	0.00
79) Terphenyl-d14	20.112	244	1119163	83.491	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.277	77	62	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.303	70	33686	21.383	ng	# 78
32) Benzoic acid	10.314	122	55	5.716	ng	# 1
51) 2,6-Dinitrotoluene	14.761	165	11217	10.094	ng	# 24
57) 2,4-Dinitrotoluene	14.761	165	11217	7.275	ng	# 22
67) 4-Bromophenyl-phenylether	16.247	248	14032	5.072	ng	# 1
77) Benzidine	20.112	184	19962	3.246	ng	# 91

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

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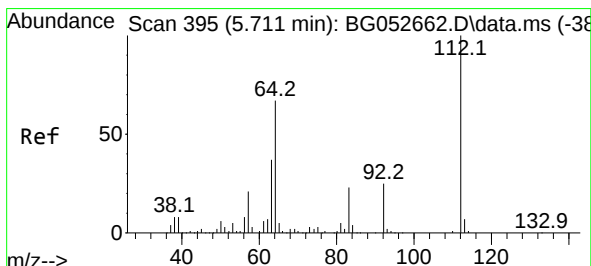
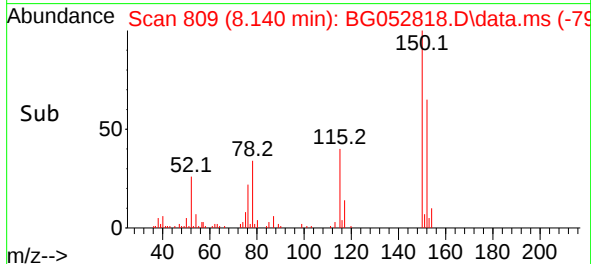
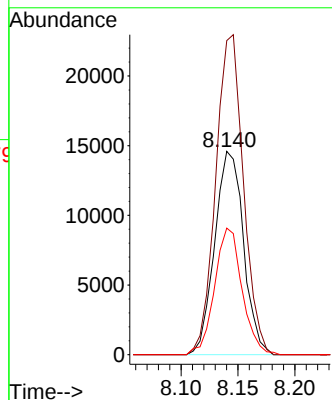
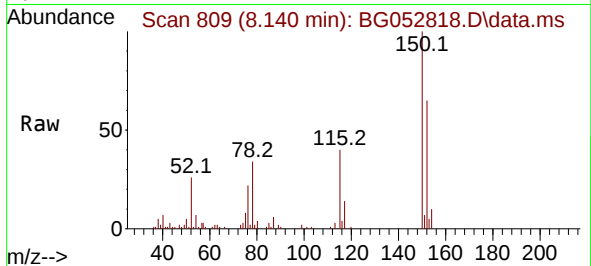




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

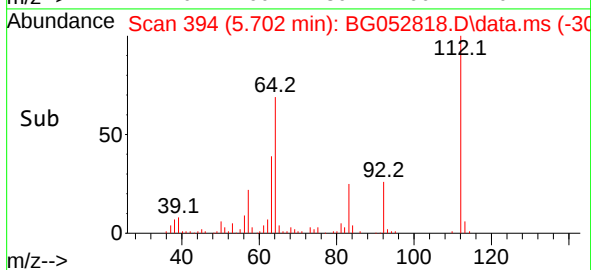
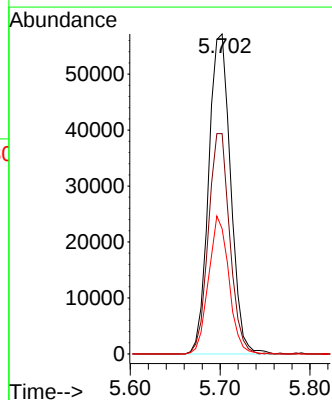
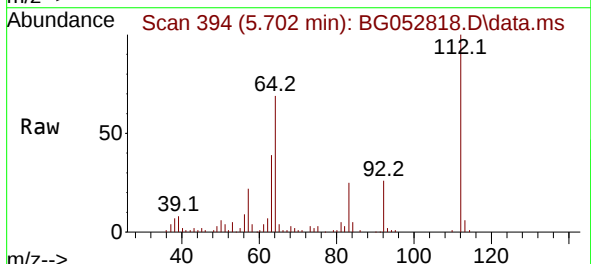
Instrument :
BNA_G
ClientSampleId :
MW-57

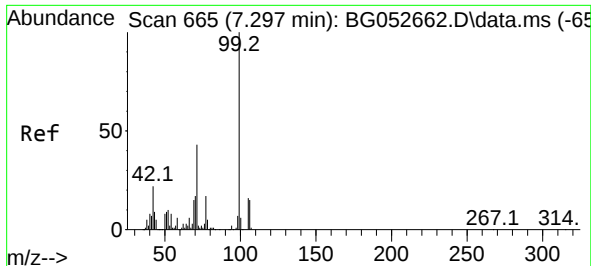
Tgt Ion:152 Resp: 25694
Ion Ratio Lower Upper
152 100
150 154.5 114.6 172.0
115 62.2 45.9 68.9



#5
2-Fluorophenol
Concen: 65.622 ng
RT: 5.702 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

Tgt Ion:112 Resp: 96817
Ion Ratio Lower Upper
112 100
64 68.8 48.0 72.0
63 39.1 26.5 39.7

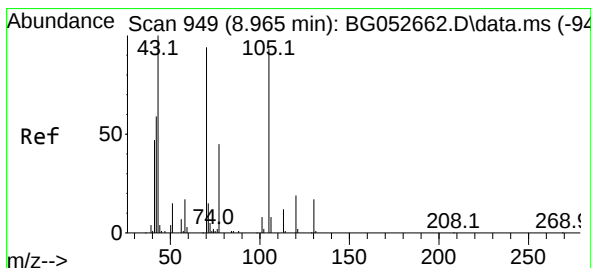
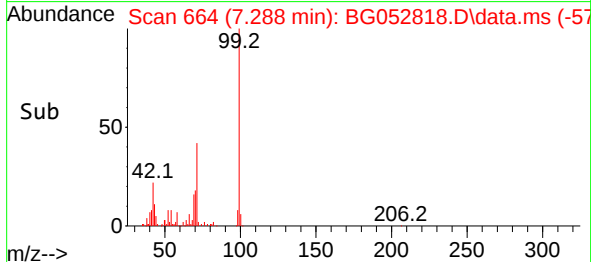
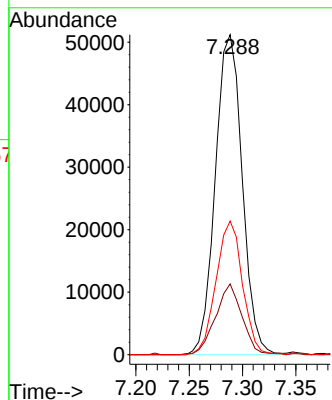
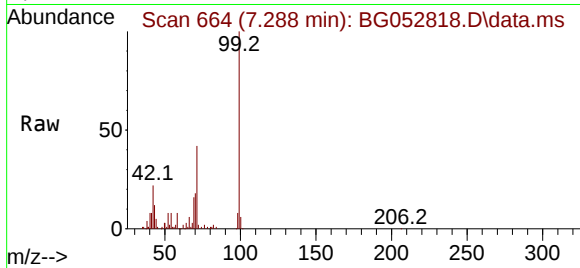




#7
Phenol-d6
Concen: 40.370 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

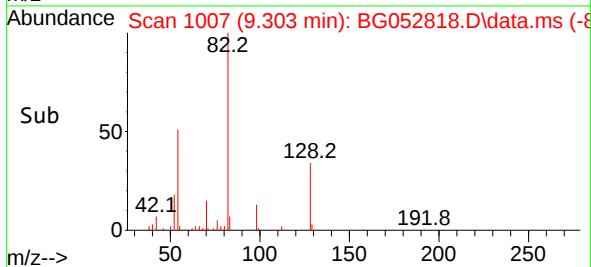
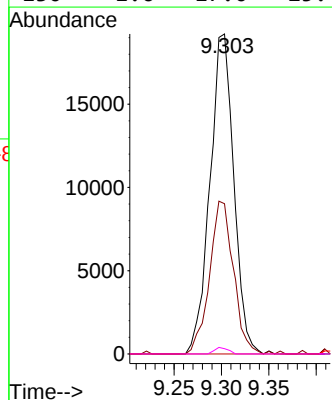
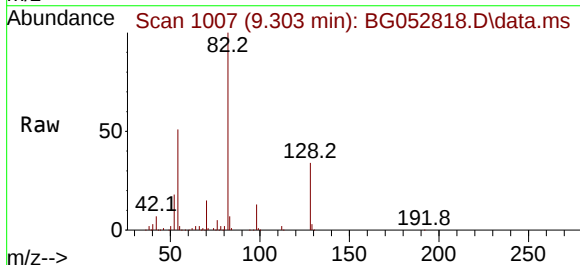
Instrument :
BNA_G
ClientSampleId :
MW-57

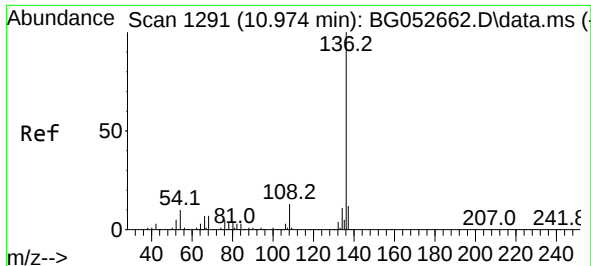
Tgt Ion: 99 Resp: 89795
Ion Ratio Lower Upper
99 100
42 22.1 14.7 22.1#
71 41.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.383 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.358 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

Tgt Ion: 70 Resp: 33686
Ion Ratio Lower Upper
70 100
42 46.9 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



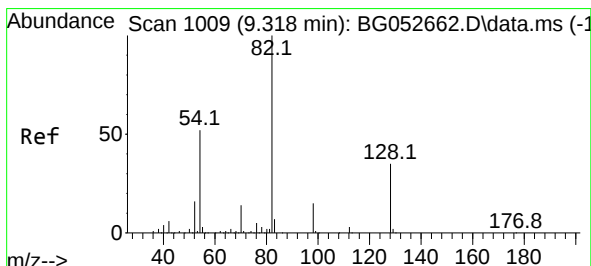
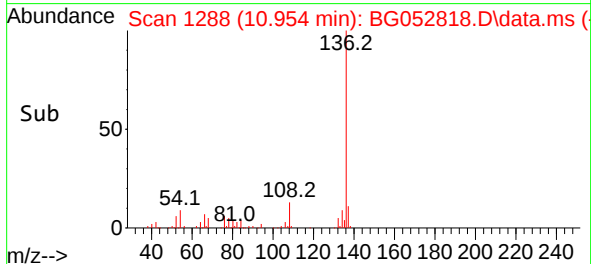
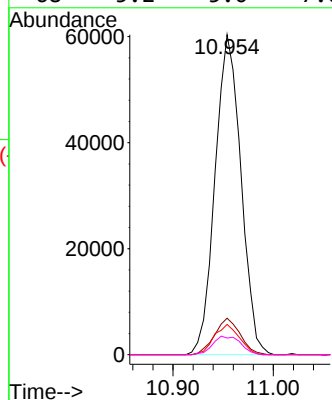
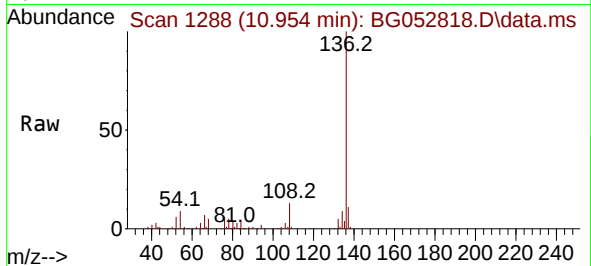


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

Instrument :
BNA_G
ClientSampleId :
MW-57

Tgt Ion:136 Resp: 107872

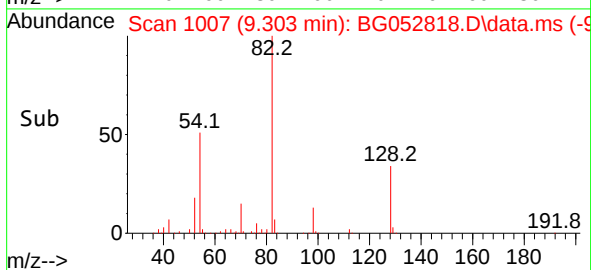
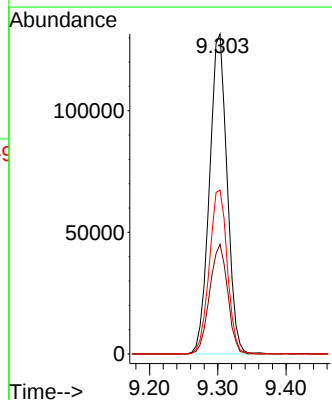
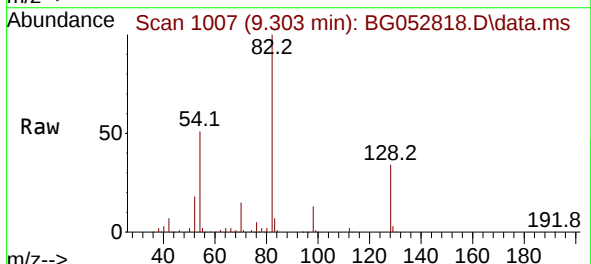
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	9.4	6.4	9.6
68	5.2	5.0	7.6

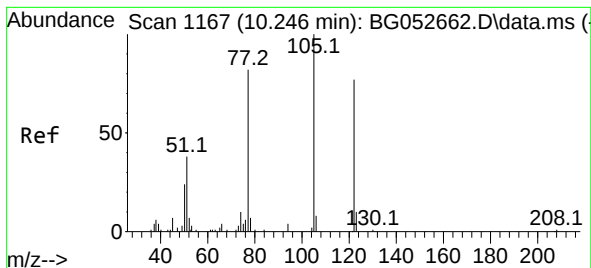


#23
Nitrobenzene-d5
Concen: 109.917 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

Tgt Ion: 82 Resp: 236241

Ion	Ratio	Lower	Upper
82	100		
128	34.3	31.3	46.9
54	51.2	37.8	56.8





#32

Benzoic acid

Concen: 5.716 ng

RT: 10.314 min Scan# 1167

Delta R.T. 0.076 min

Lab File: BG052818.D

Acq: 24 Mar 2022 20:57

Instrument :

BNA_G

ClientSampleId :

MW-57

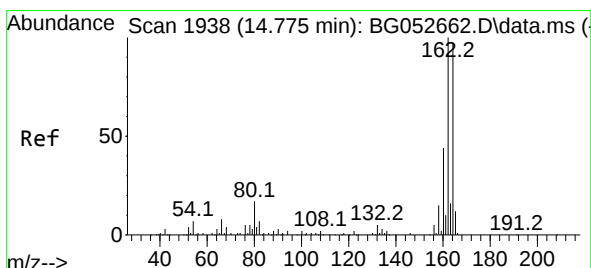
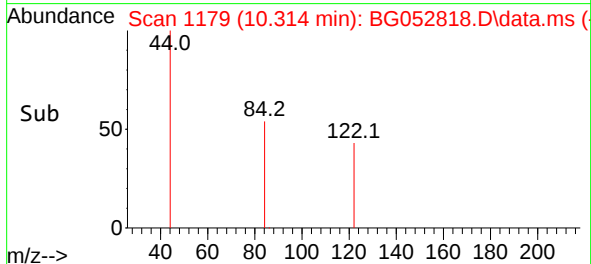
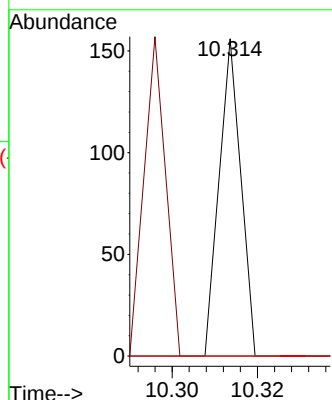
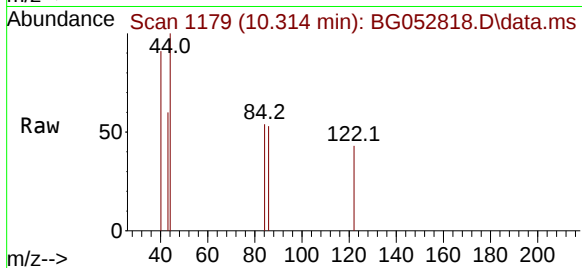
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.761 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BG052818.D

Acq: 24 Mar 2022 20:57

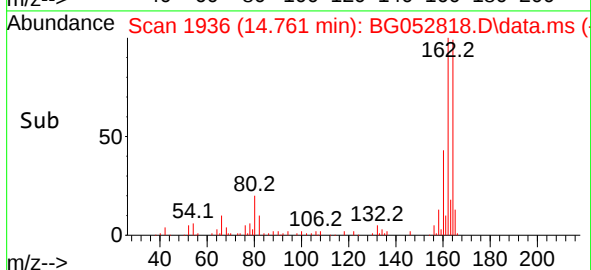
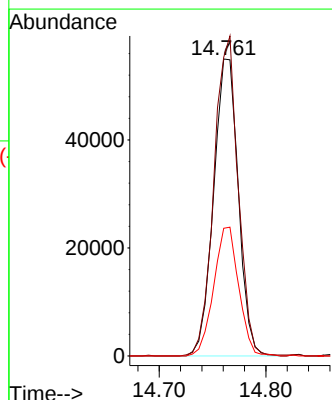
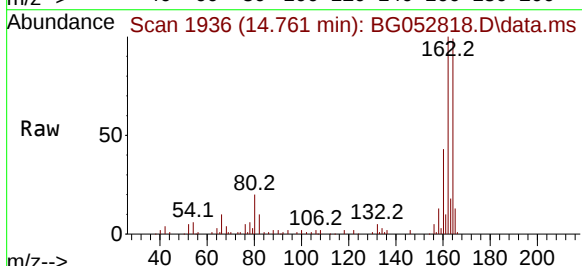
Tgt Ion:164 Resp: 88559

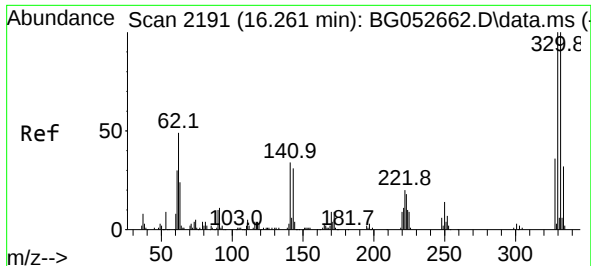
Ion Ratio Lower Upper

164 100

162 100.6 80.0 120.0

160 43.0 38.8 58.2

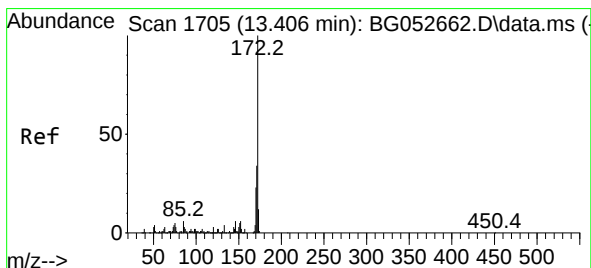
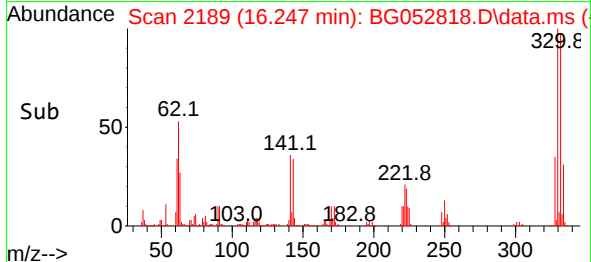
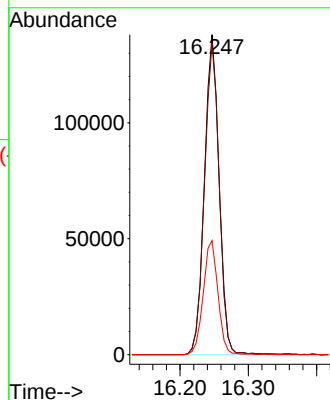
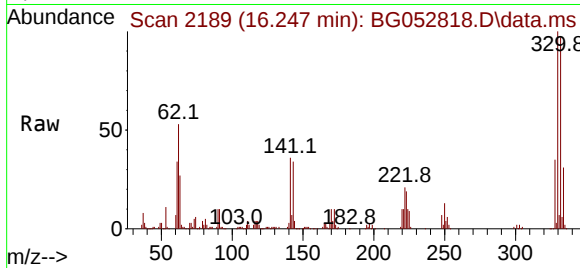




#42
 2,4,6-Tribromophenol
 Concen: 174.274 ng
 RT: 16.247 min Scan# 2191
 Delta R.T. -0.000 min
 Lab File: BG052818.D
 Acq: 24 Mar 2022 20:57

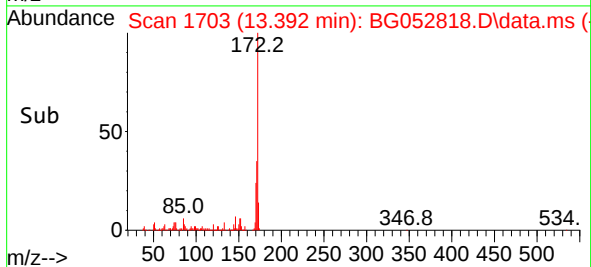
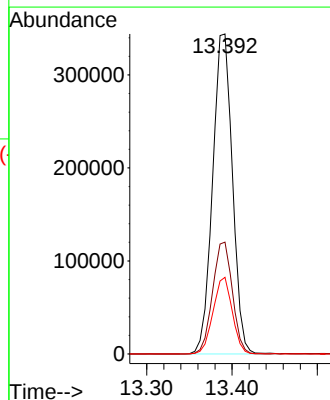
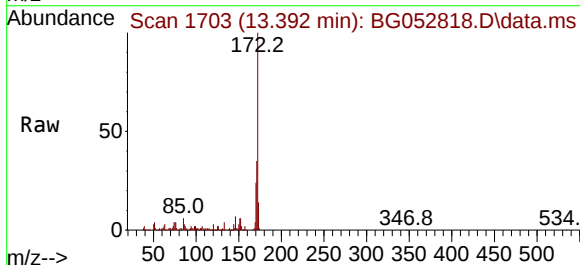
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 ClientSampleId :
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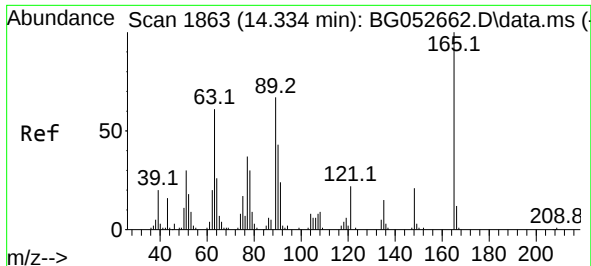
Tgt Ion:330 Resp: 207385
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.8 113.6
 141 35.6 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 92.343 ng
 RT: 13.392 min Scan# 1703
 Delta R.T. -0.000 min
 Lab File: BG052818.D
 Acq: 24 Mar 2022 20:57

Tgt Ion:172 Resp: 554484
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 23.9 18.0 27.0

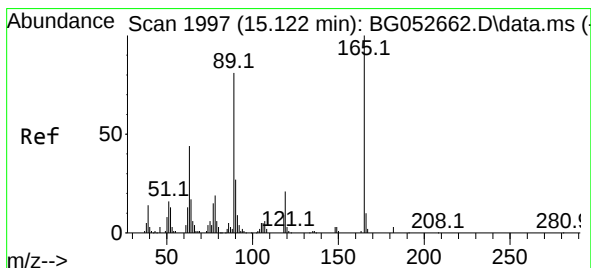
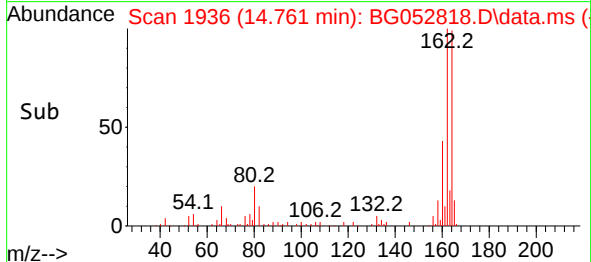
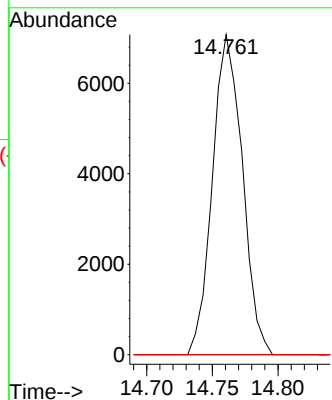
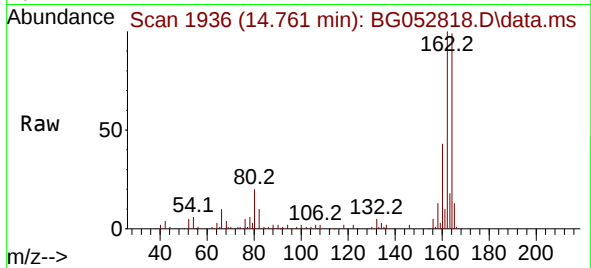




#51
2,6-Dinitrotoluene
Concen: 10.094 ng
RT: 14.761 min Scan# 1936
Delta R.T. 0.435 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

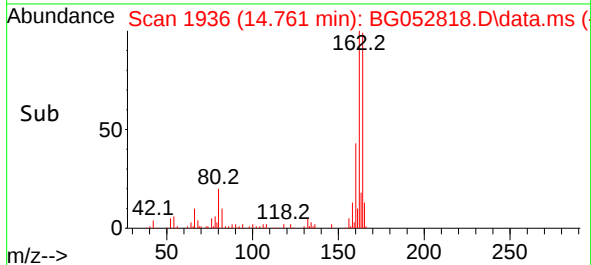
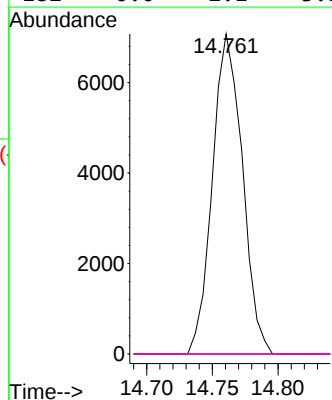
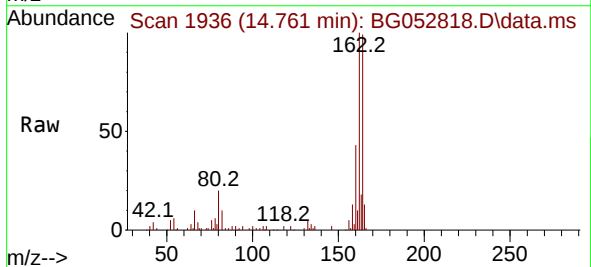
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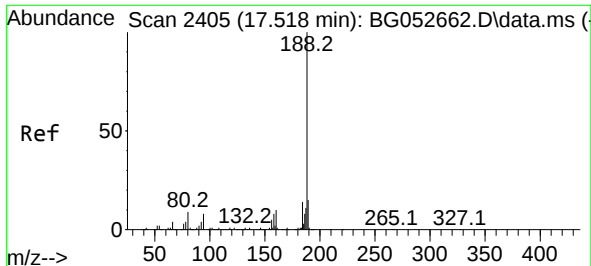
Tgt Ion:165 Resp: 11217
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.275 ng
RT: 14.761 min Scan# 1936
Delta R.T. -0.353 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

Tgt Ion:165 Resp: 11217
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

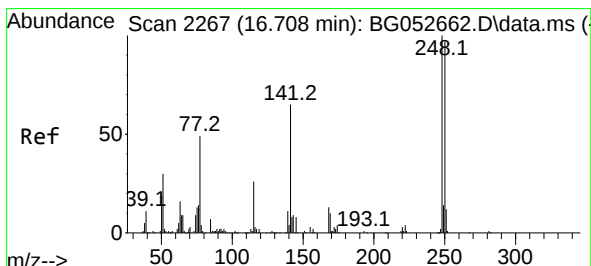
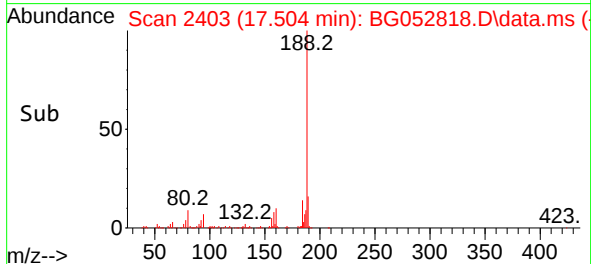
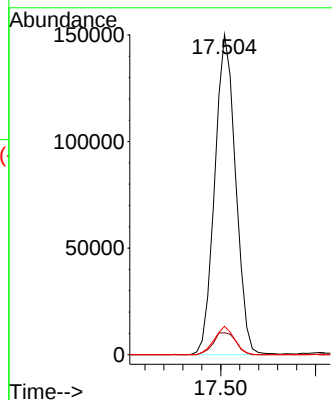
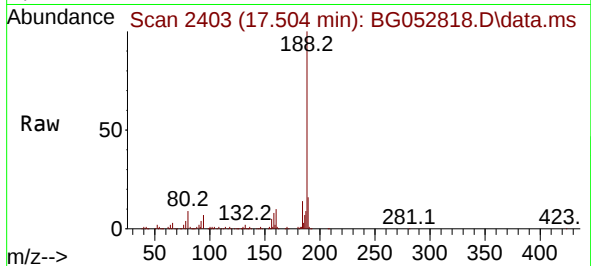




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

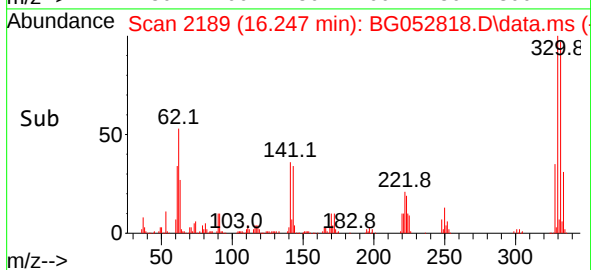
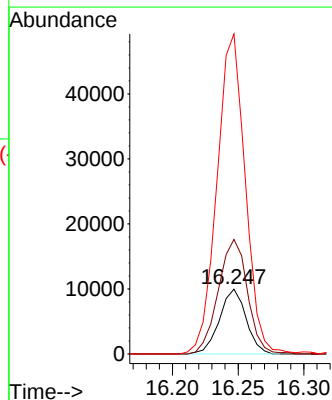
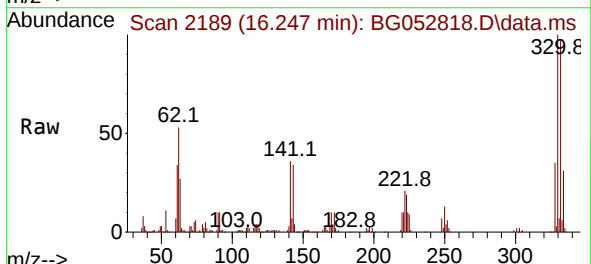
Instrument :
BNA_G
ClientSampleId :
MW-57

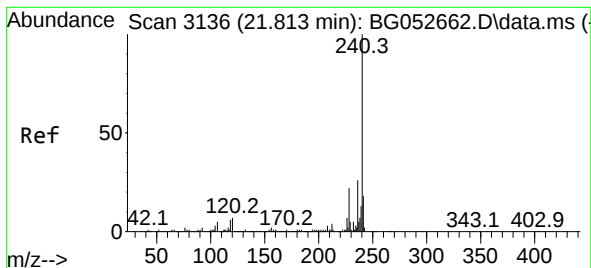
Tgt Ion:188 Resp: 229482
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.072 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG052818.D
Acq: 24 Mar 2022 20:57

Tgt Ion:248 Resp: 14032
Ion Ratio Lower Upper
248 100
250 176.7 77.9 116.9#
141 493.8 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.792 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG052818.D

Acq: 24 Mar 2022 20:57

Instrument :

BNA_G

ClientSampleId :

MW-57

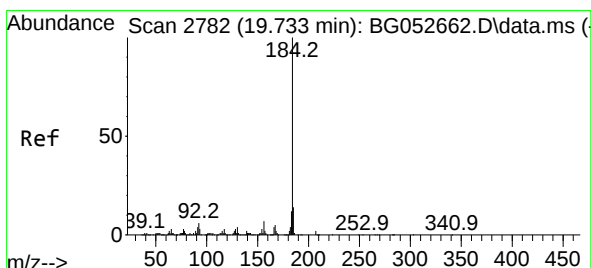
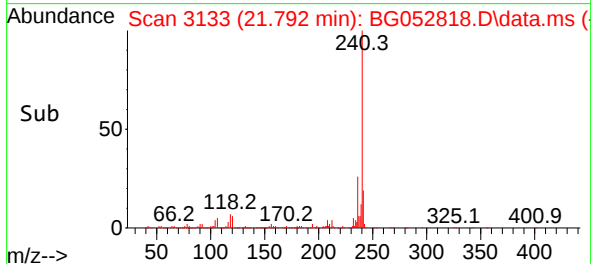
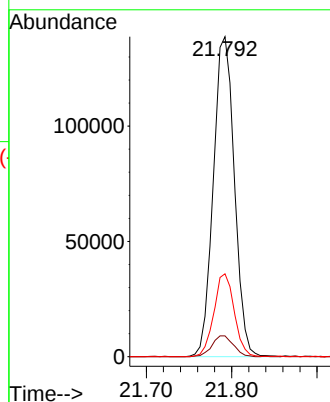
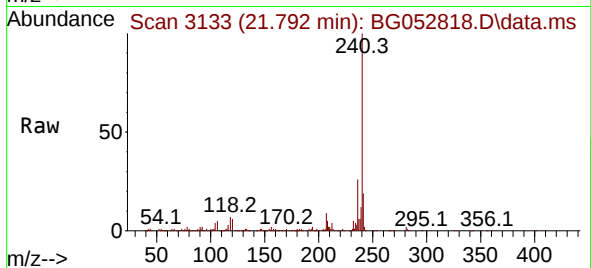
Tgt Ion:240 Resp: 238448

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 25.9 19.8 29.6



#77

Benzidine

Concen: 3.246 ng

RT: 20.112 min Scan# 2847

Delta R.T. 0.388 min

Lab File: BG052818.D

Acq: 24 Mar 2022 20:57

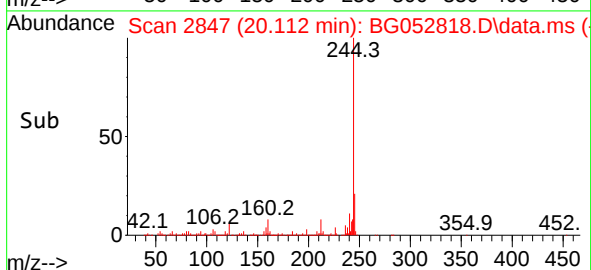
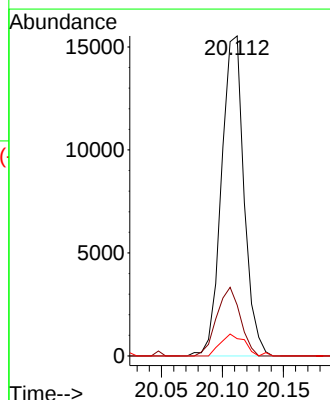
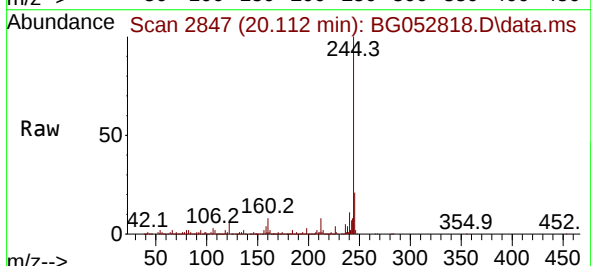
Tgt Ion:184 Resp: 19962

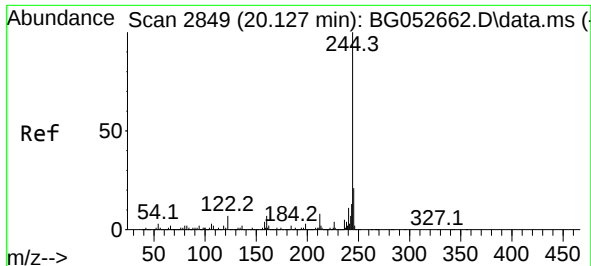
Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

183 5.4 9.4 14.2#

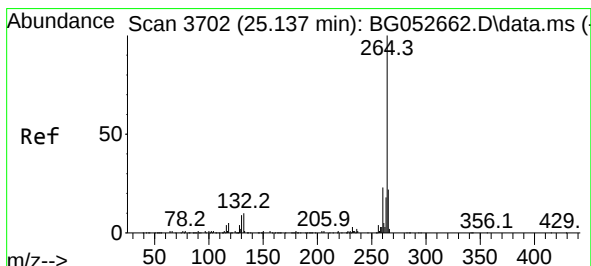
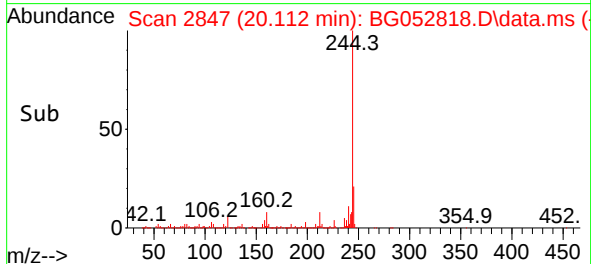
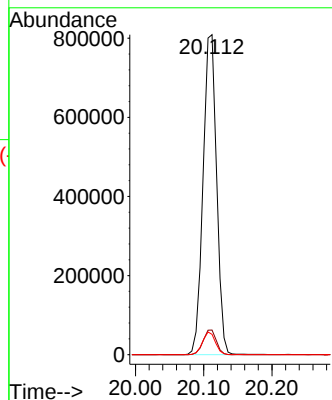
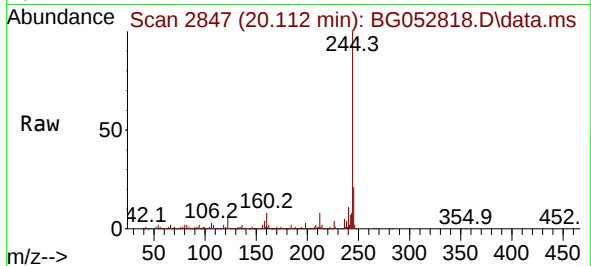




#79
 Terphenyl-d14
 Concen: 83.491 ng
 RT: 20.112 min Scan# 2119
 Delta R.T. -0.000 min
 Lab File: BG052818.D
 Acq: 24 Mar 2022 20:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-57

Tgt Ion:244 Resp: 1119163
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.000 min
 Lab File: BG052818.D
 Acq: 24 Mar 2022 20:57

Tgt Ion:264 Resp: 246597
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 19.8 15.1 22.7

