

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053118.D
 Acq On : 12 Apr 2022 14:02
 Operator : CG/JU
 Sample : N2340-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Apr 13 06:13:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

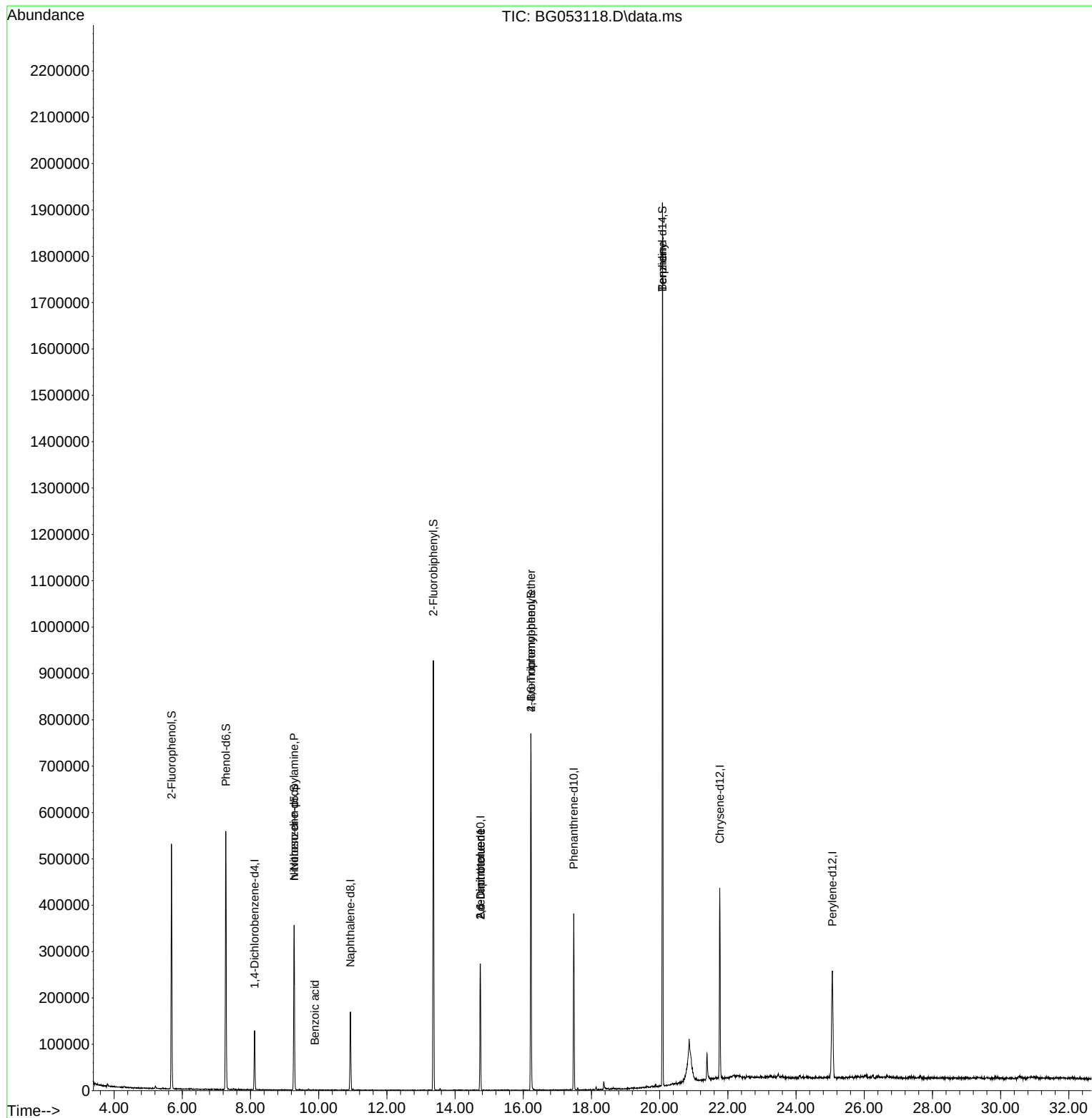
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	34648	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	139190	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	102711	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	244825	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	260521	20.000	ng	-0.01
86) Perylene-d12	25.065	264	256653	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	216381	107.053	ng	0.00
7) Phenol-d6	7.277	99	311719	100.007	ng	0.00
23) Nitrobenzene-d5	9.280	82	220918	64.445	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	158302	96.875	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	492756	66.153	ng	0.00
79) Terphenyl-d14	20.083	244	975980	63.271	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	31263	13.700	ng	# 77
32) Benzoic acid	9.891	122	57	3.670	ng	# 1
51) 2,6-Dinitrotoluene	14.743	165	13564	7.914	ng	# 28
57) 2,4-Dinitrotoluene	14.743	165	13564	5.559	ng	# 26
67) 4-Bromophenyl-phenylether	16.230	248	10397	3.314	ng	# 1
77) Benzidine	20.083	184	16364	2.202	ng	# 91

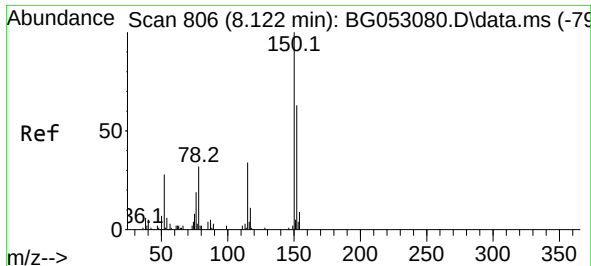
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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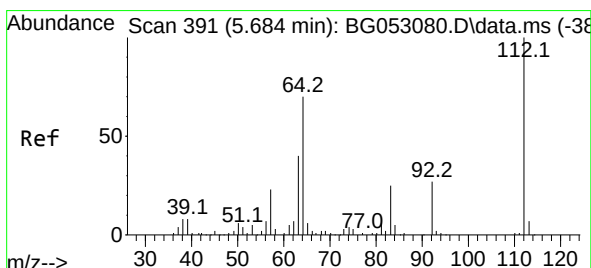
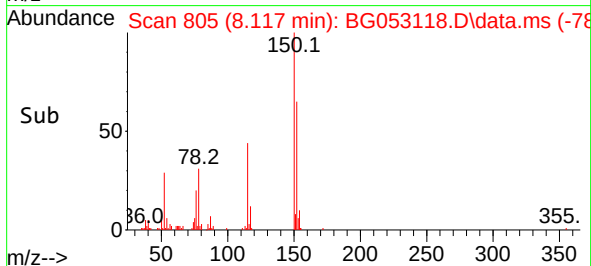
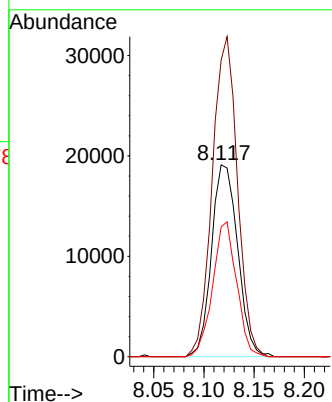
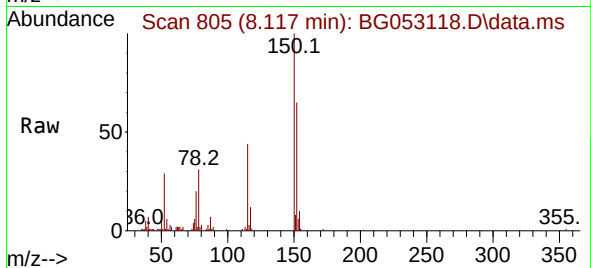




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.117 min Scan# 806
 Delta R.T. -0.005 min
 Lab File: BG053118.D
 Acq: 12 Apr 2022 14:02

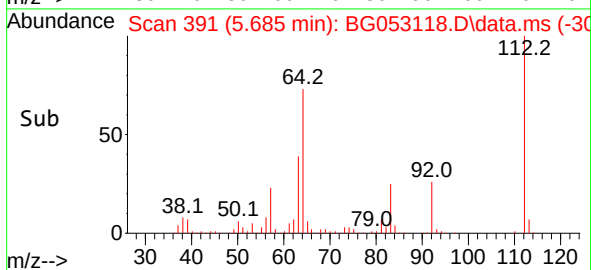
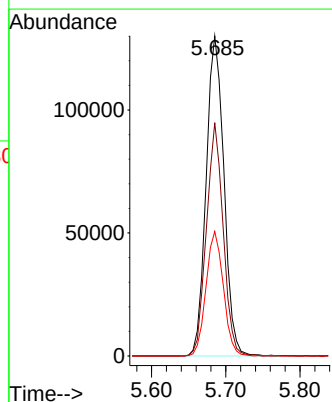
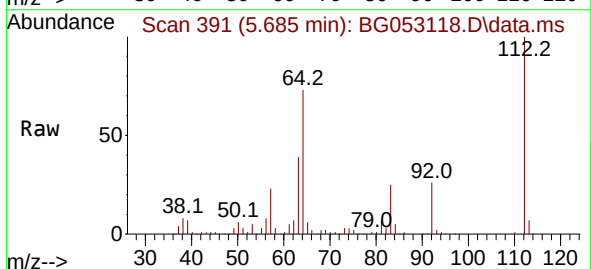
Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

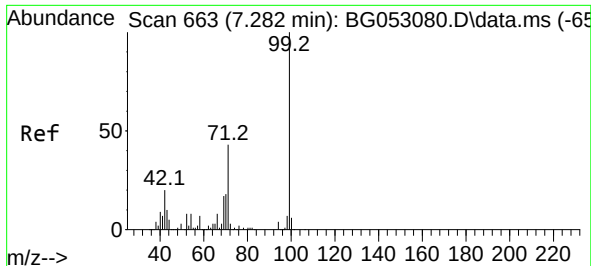
Tgt Ion:152 Resp: 34648
 Ion Ratio Lower Upper
 152 100
 150 154.7 114.6 172.0
 115 67.6 45.9 68.9



#5
 2-Fluorophenol
 Concen: 107.053 ng
 RT: 5.685 min Scan# 391
 Delta R.T. 0.001 min
 Lab File: BG053118.D
 Acq: 12 Apr 2022 14:02

Tgt Ion:112 Resp: 216381
 Ion Ratio Lower Upper
 112 100
 64 72.9 48.0 72.0#
 63 38.9 26.5 39.7

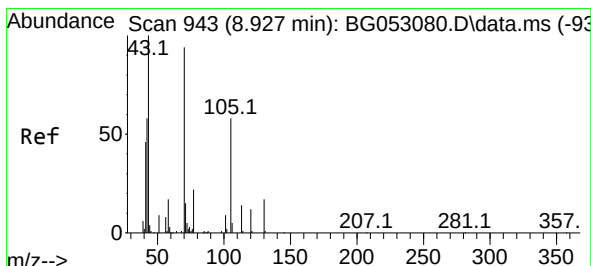
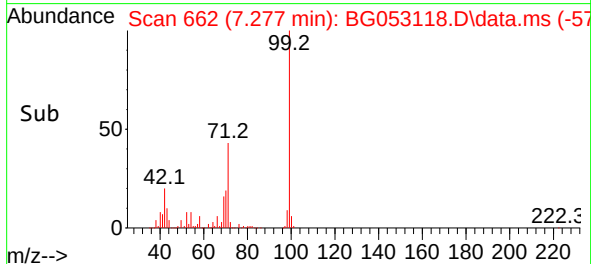
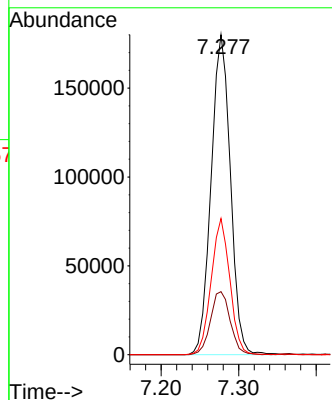
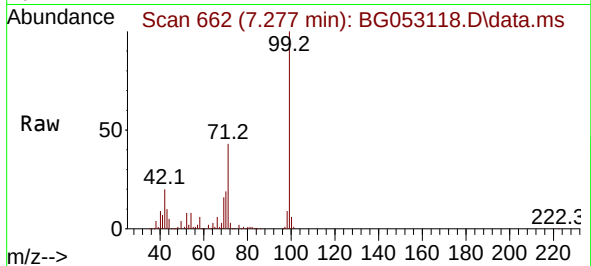




#7
Phenol-d6
Concen: 100.007 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

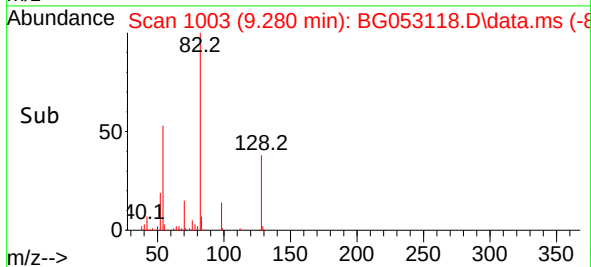
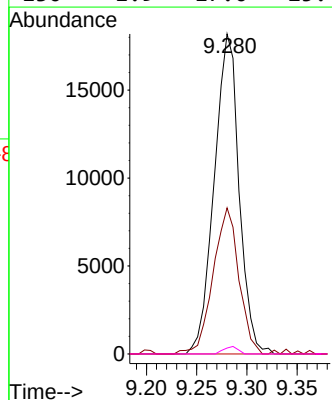
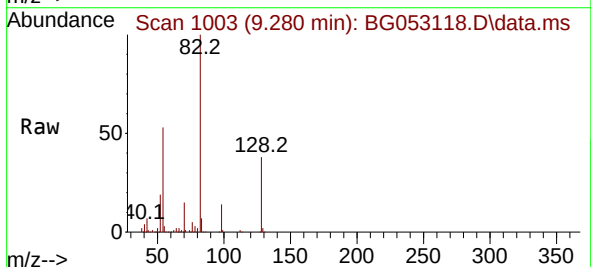
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

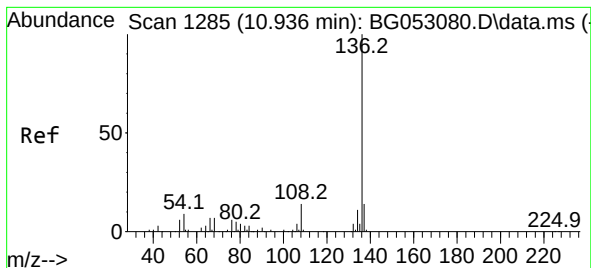
Tgt Ion: 99 Resp: 311719
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.700 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.354 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion: 70 Resp: 31263
Ion Ratio Lower Upper
70 100
42 45.7 46.0 69.0#
101 0.0 6.2 9.4#
130 1.9 17.0 25.4#

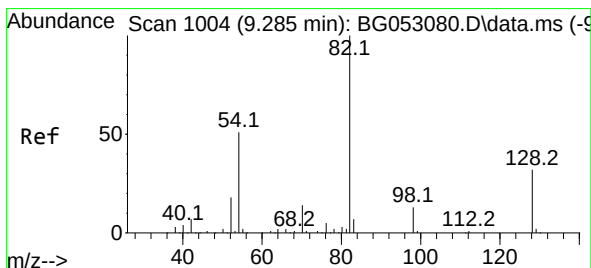
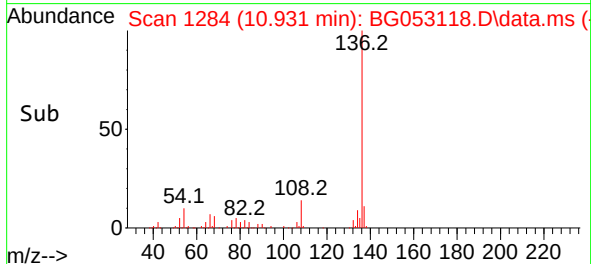
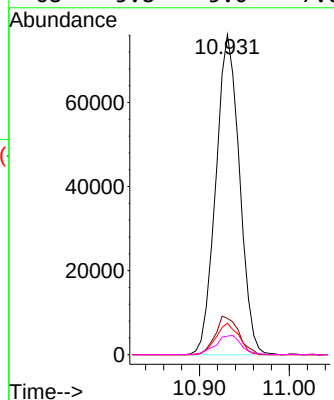
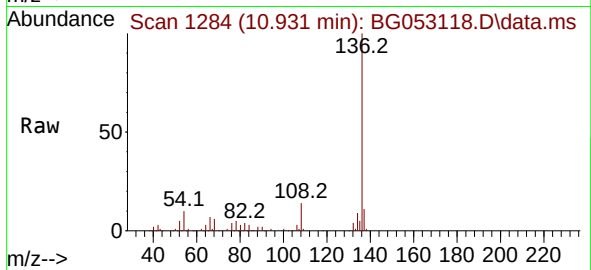




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

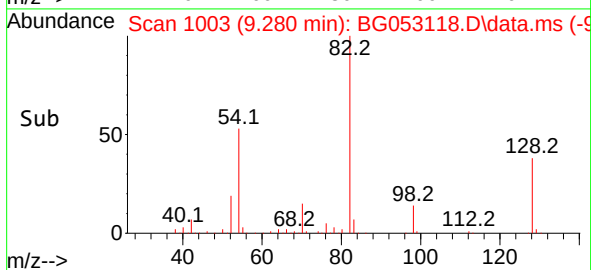
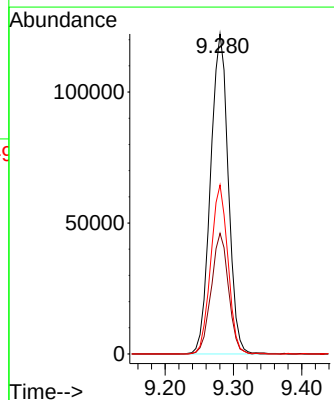
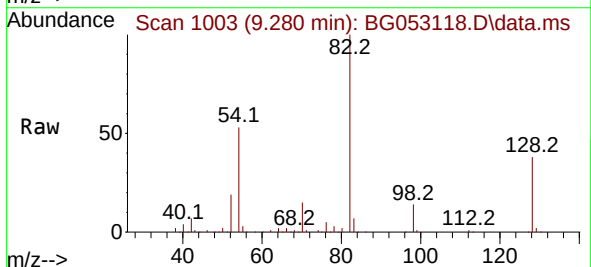
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

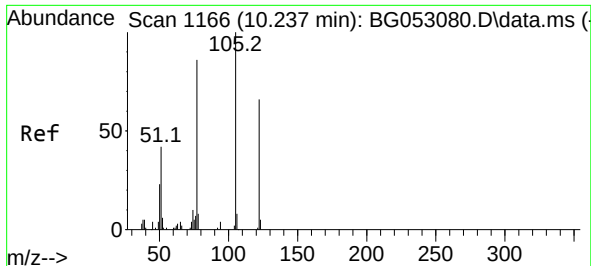
Tgt Ion:136 Resp: 139190
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 9.9 6.4 9.6#
68 5.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 64.445 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion: 82 Resp: 220918
Ion Ratio Lower Upper
82 100
128 37.7 31.3 46.9
54 52.8 37.8 56.8

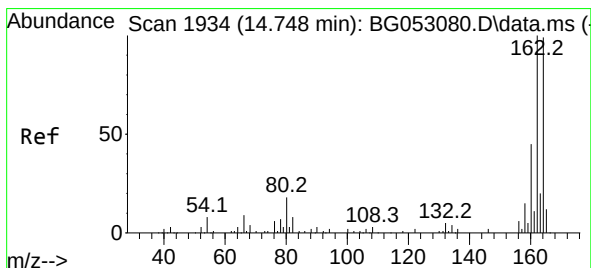
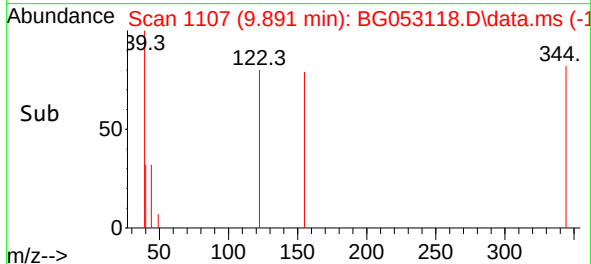
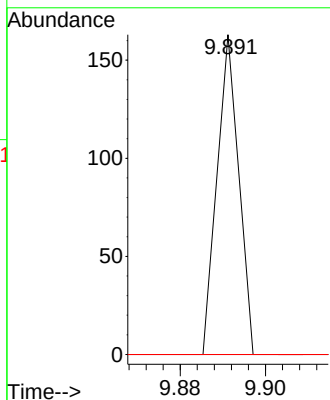
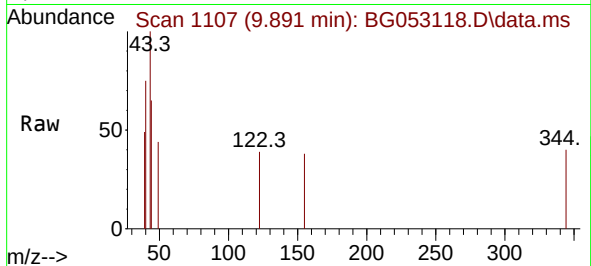




#32
Benzoic acid
Concen: 3.670 ng
RT: 9.891 min Scan# 1166
Delta R.T. -0.346 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

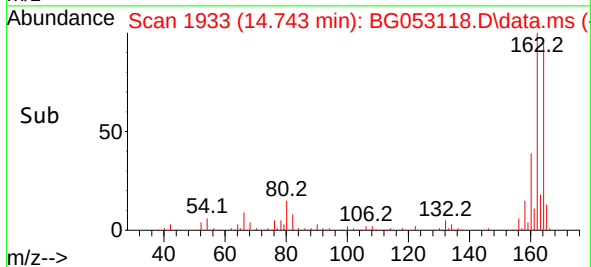
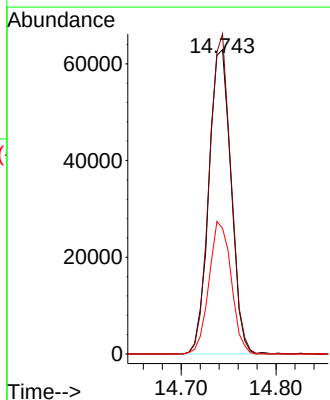
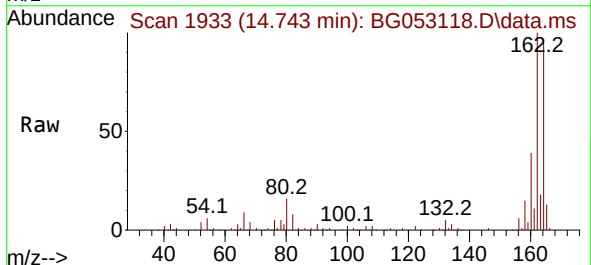
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

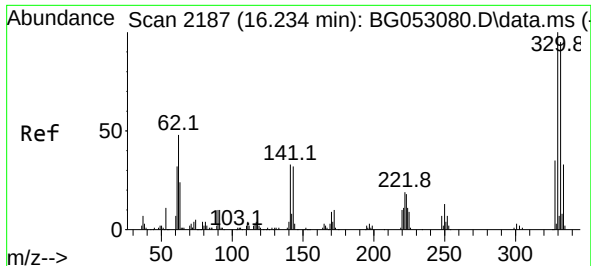
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion:164 Resp: 102711
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 41.3 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 96.875 ng

RT: 16.230 min Scan# 2187

Delta R.T. -0.005 min

Lab File: BG053118.D

Acq: 12 Apr 2022 14:02

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

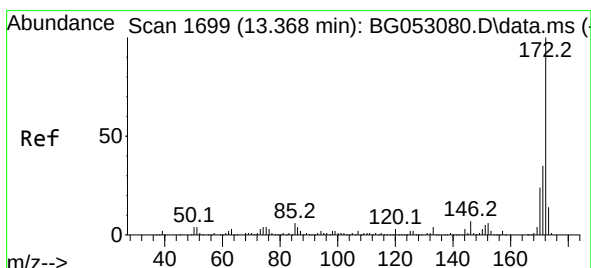
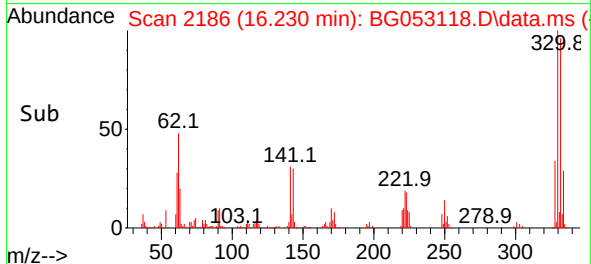
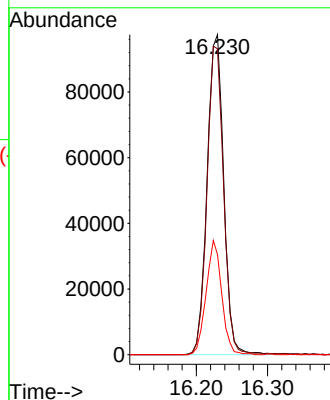
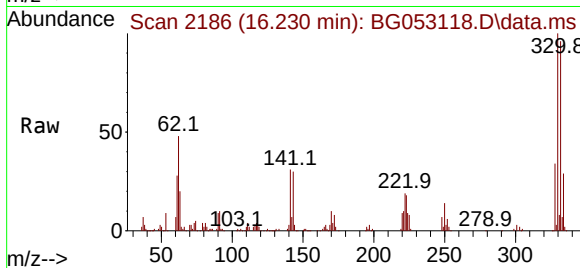
Tgt Ion:330 Resp: 158302

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

141 33.6 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 66.153 ng

RT: 13.363 min Scan# 1698

Delta R.T. -0.005 min

Lab File: BG053118.D

Acq: 12 Apr 2022 14:02

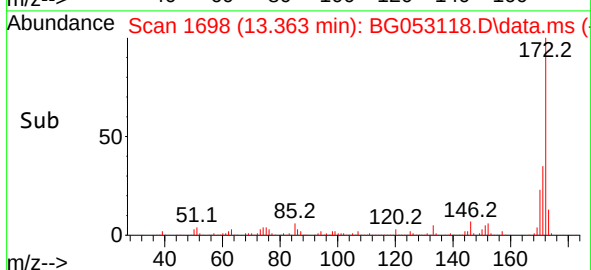
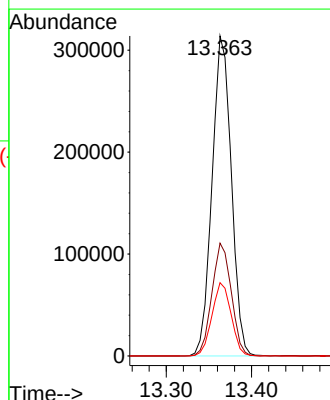
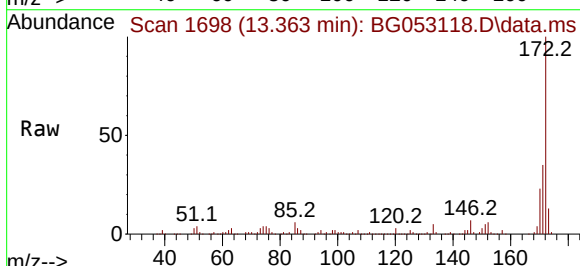
Tgt Ion:172 Resp: 492756

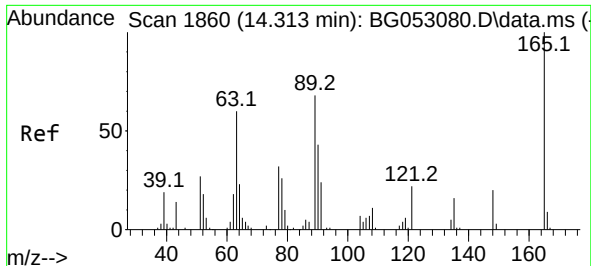
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 22.9 18.0 27.0

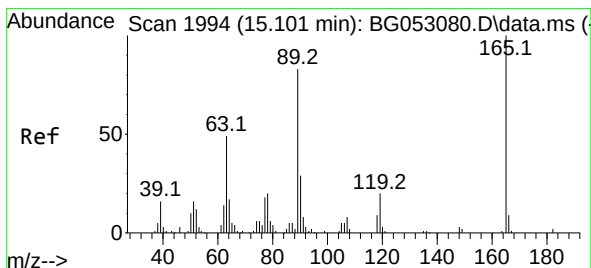
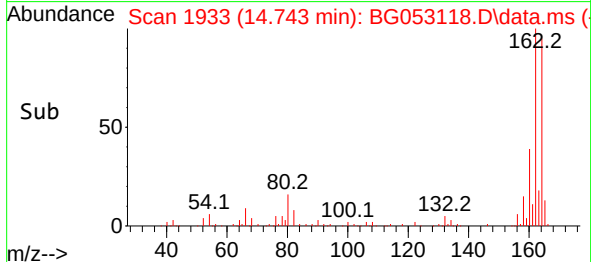
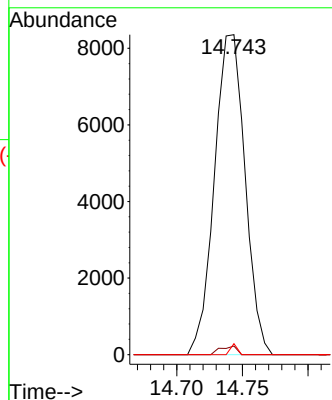
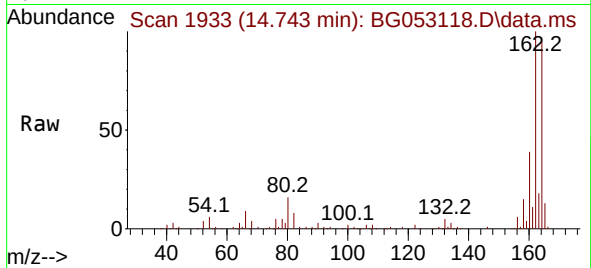




#51
2,6-Dinitrotoluene
Concen: 7.914 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.430 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

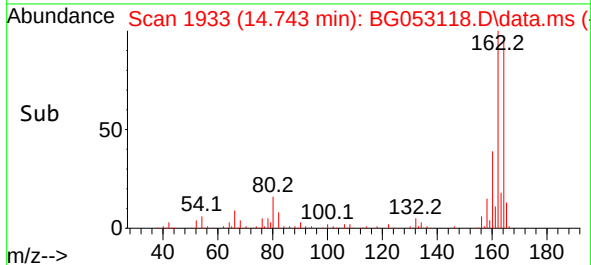
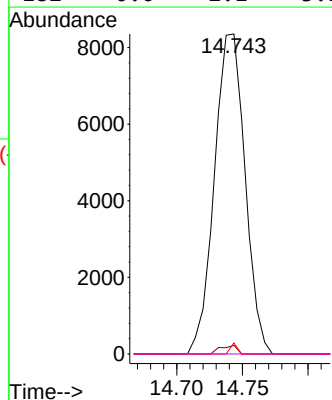
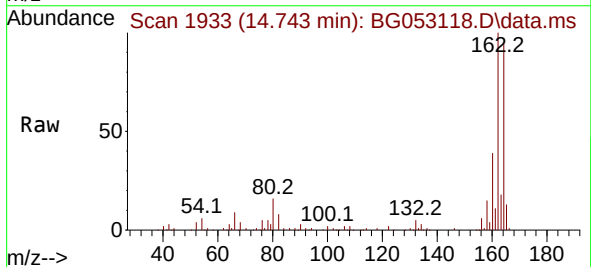
Instrument :
BNA_G
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SB-08-COMP

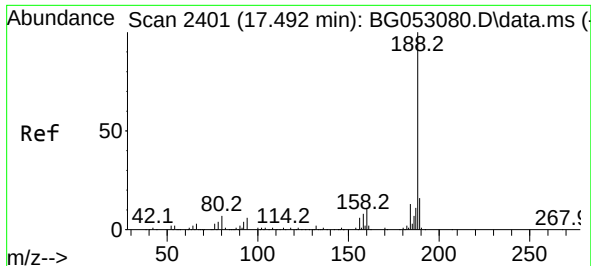
Tgt Ion:165 Resp: 13564
Ion Ratio Lower Upper
165 100
63 2.7 43.7 65.5#
89 3.5 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.559 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.357 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion:165 Resp: 13564
Ion Ratio Lower Upper
165 100
63 2.7 34.8 52.2#
89 3.5 57.4 86.0#
182 0.0 2.1 3.1#

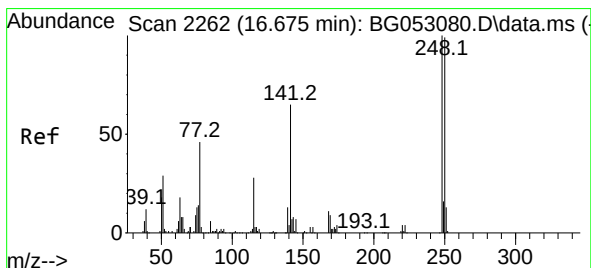
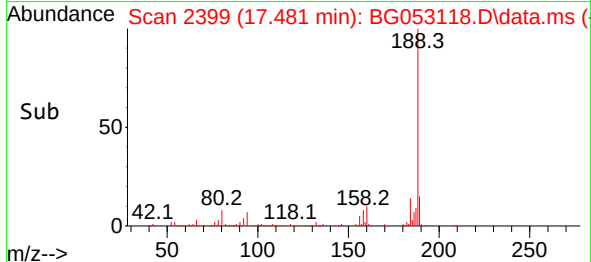
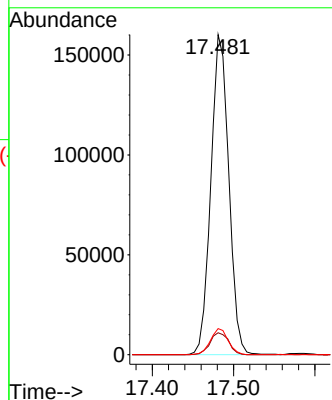
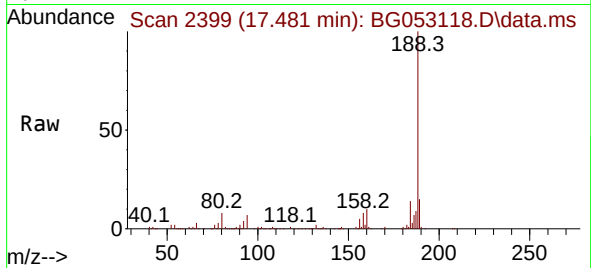




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

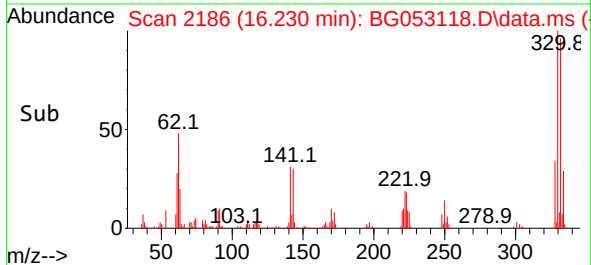
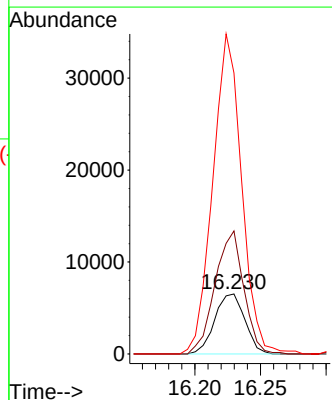
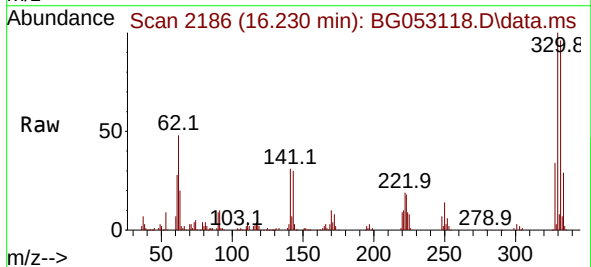
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

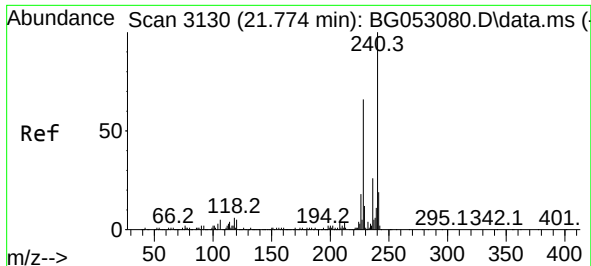
Tgt Ion:188 Resp: 244825
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.445 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion:248 Resp: 10397
Ion Ratio Lower Upper
248 100
250 205.4 77.9 116.9#
141 468.8 49.2 73.8#

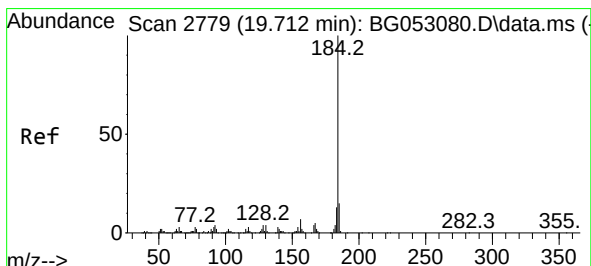
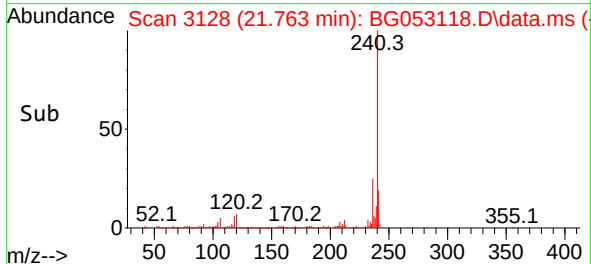
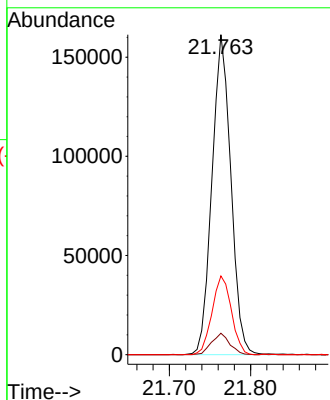
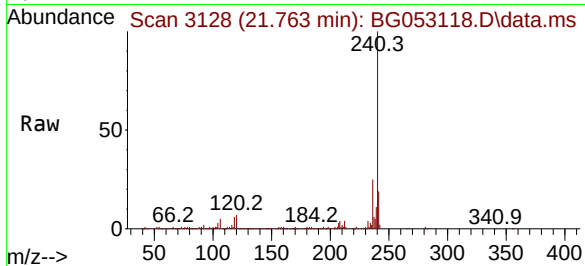




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

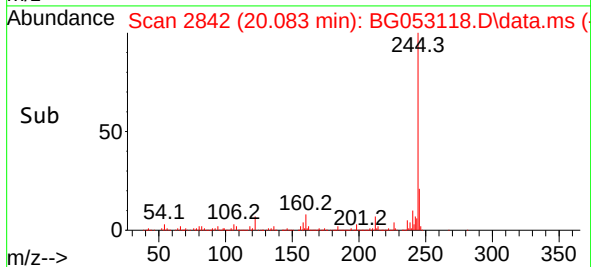
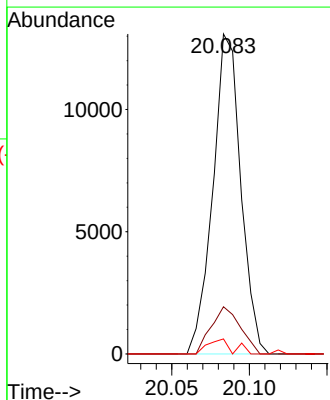
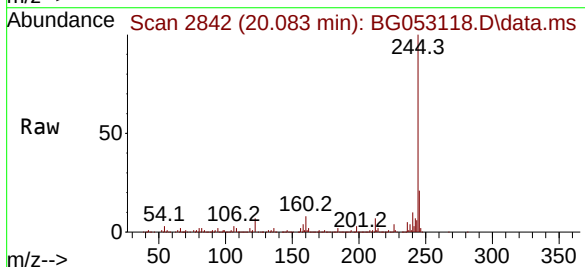
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

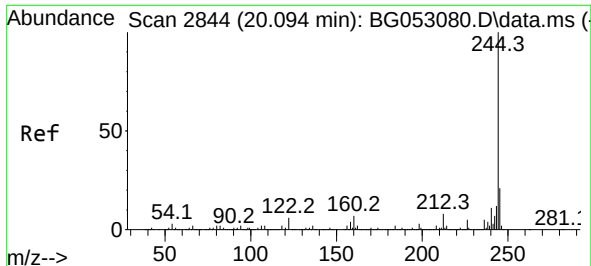
Tgt Ion:240 Resp: 260521
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 24.6 19.8 29.6



#77
Benzidine
Concen: 2.202 ng
RT: 20.083 min Scan# 2842
Delta R.T. 0.371 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion:184 Resp: 16364
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 4.7 9.4 14.2#

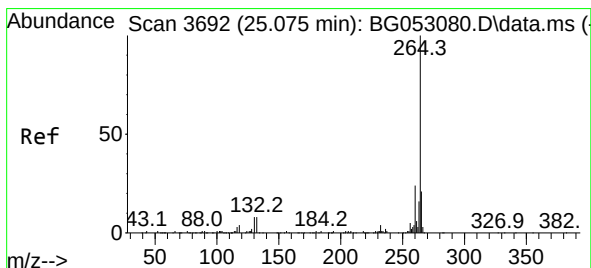
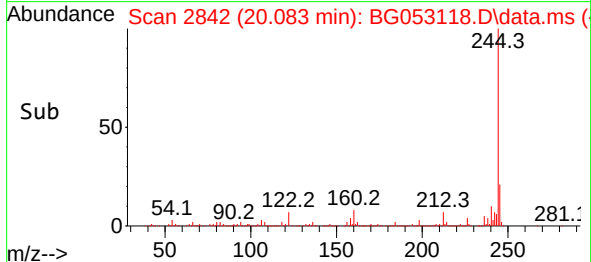
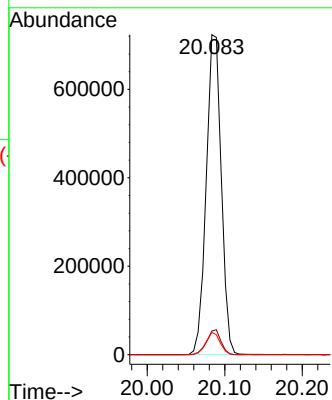
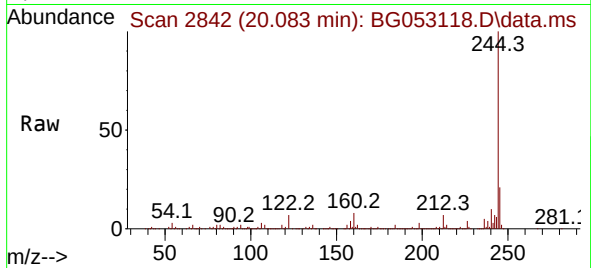




#79
 Terphenyl-d14
 Concen: 63.271 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053118.D
 Acq: 12 Apr 2022 14:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Tgt Ion:244 Resp: 975980
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053118.D
 Acq: 12 Apr 2022 14:02

Tgt Ion:264 Resp: 256653
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 22.2 15.1 22.7

