

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053645.D
 Acq On : 20 May 2022 15:47
 Operator : CG/JU
 Sample : N2939-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-WATER

Quant Time: May 23 01:31:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

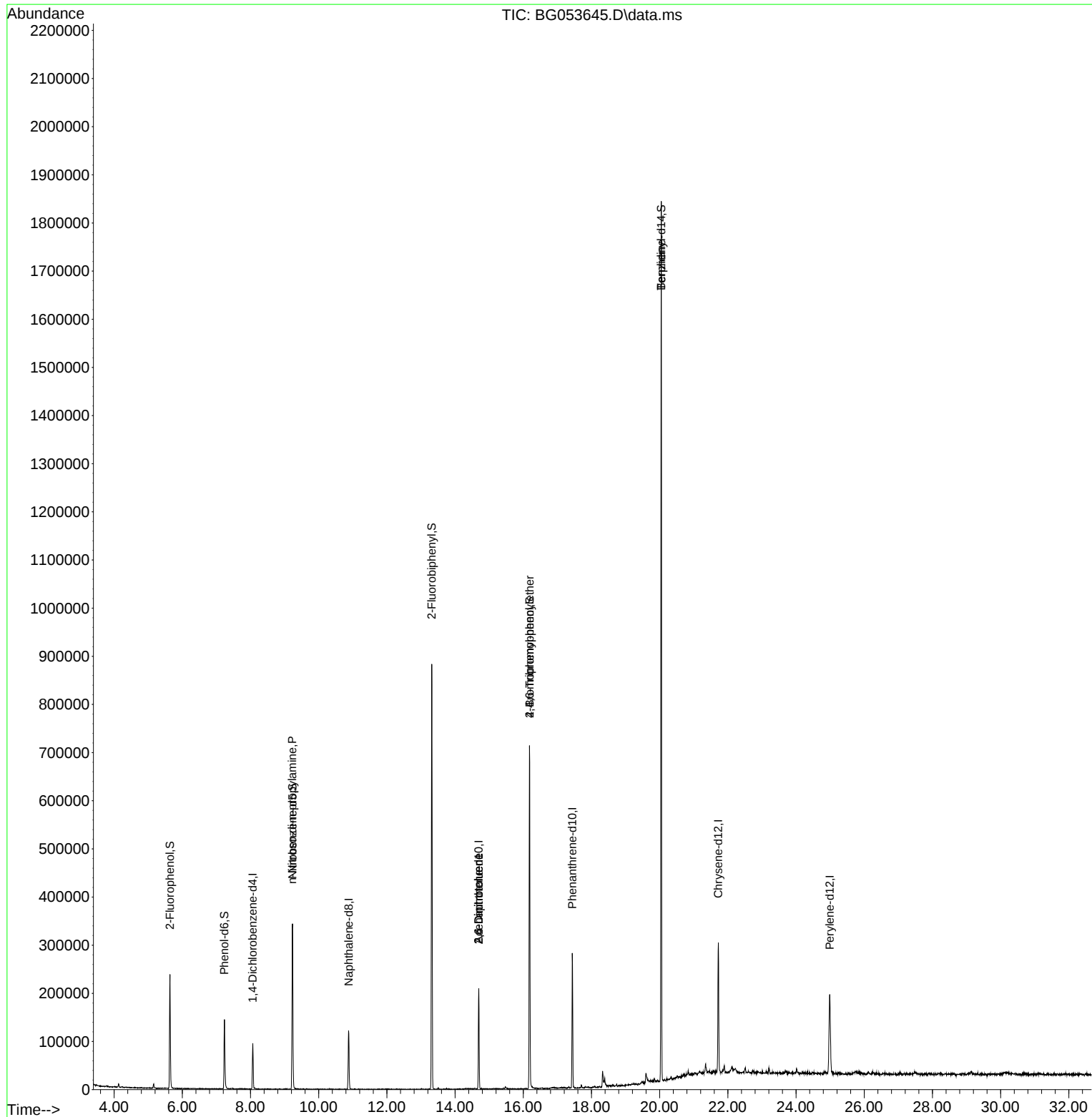
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	26938	20.000	ng	-0.01
21) Naphthalene-d8	10.877	136	102408	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	72676	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	175023	20.000	ng	-0.01
76) Chrysene-d12	21.721	240	175846	20.000	ng	#-0.01
86) Perylene-d12	24.987	264	178287	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	100173	63.110	ng	0.00
7) Phenol-d6	7.235	99	89603	37.196	ng	0.00
23) Nitrobenzene-d5	9.232	82	225750	93.839	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	145037	135.310	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	476488	95.806	ng	-0.01
79) Terphenyl-d14	20.047	244	879542	93.157	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.226	70	31751	18.370	ng	# 76
51) 2,6-Dinitrotoluene	14.695	165	9220	8.194	ng	# 16
57) 2,4-Dinitrotoluene	14.695	165	9220	5.653	ng	# 21
67) 4-Bromophenyl-phenylether	16.187	248	9506	4.651	ng	# 1
77) Benzidine	20.047	184	14776	3.899	ng	# 92

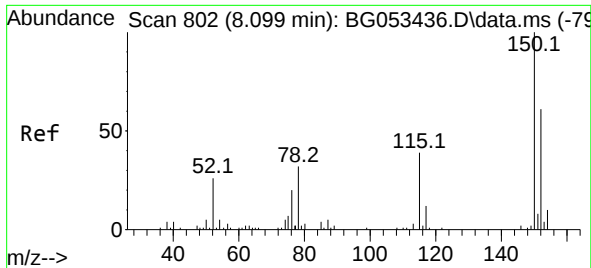
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
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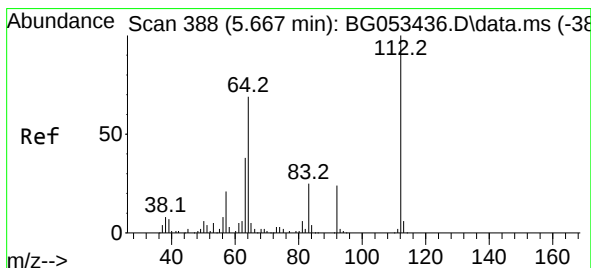
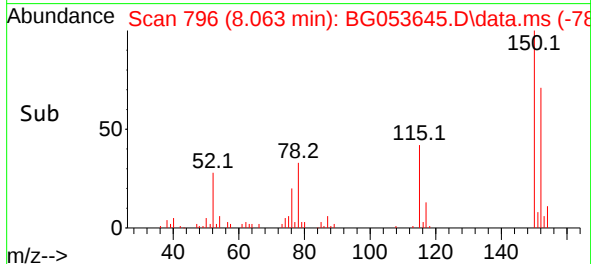
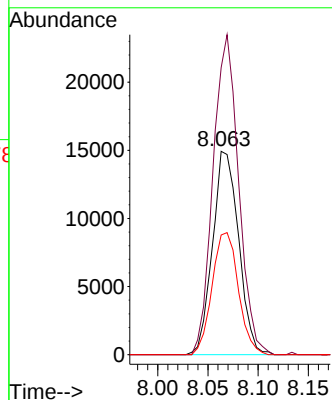
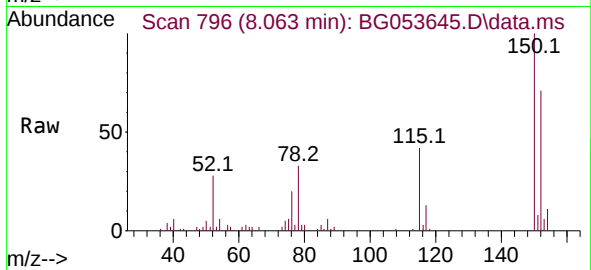




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 796
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

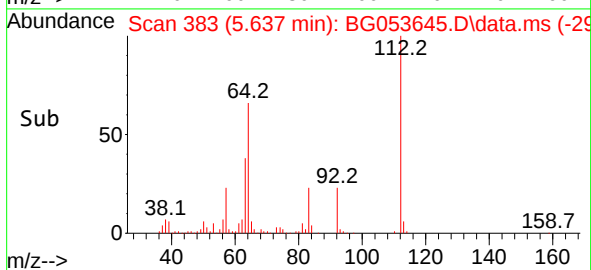
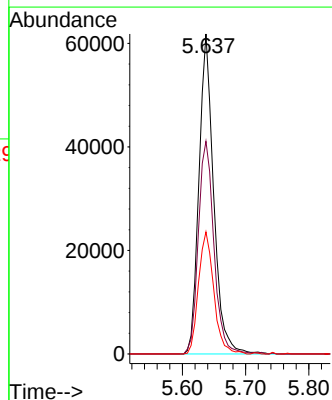
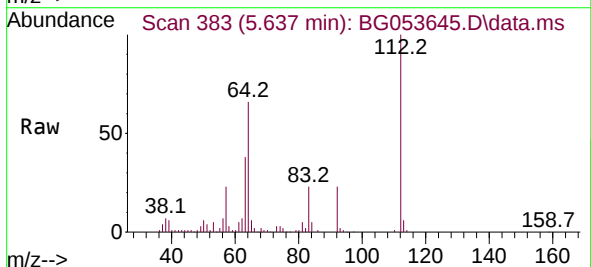
Instrument :
BNA_G
ClientSampleId :
B2-WATER

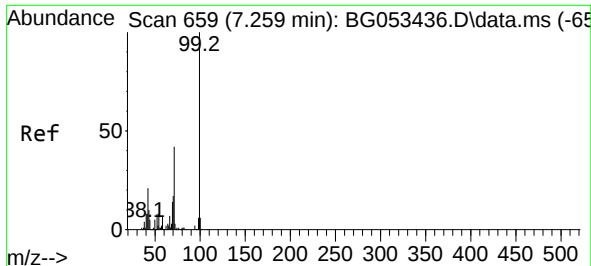
Tgt Ion:152 Resp: 26938
Ion Ratio Lower Upper
152 100
150 141.2 131.6 197.4
115 58.9 50.9 76.3



#5
2-Fluorophenol
Concen: 63.110 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:112 Resp: 100173
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 38.1 30.4 45.6

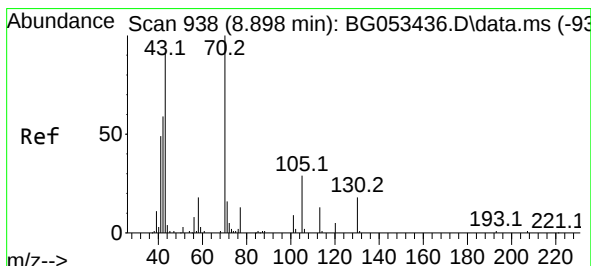
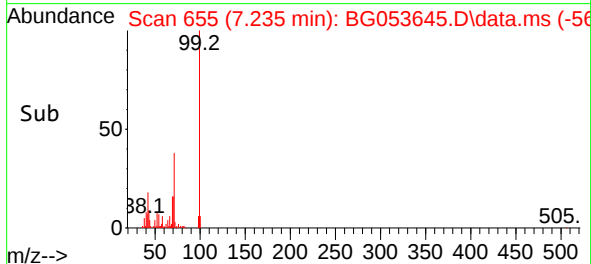
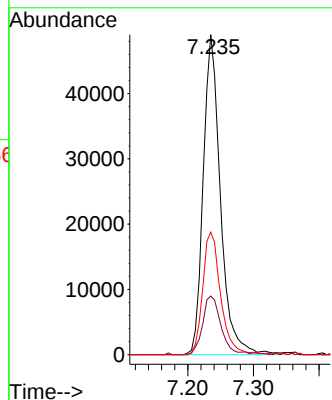
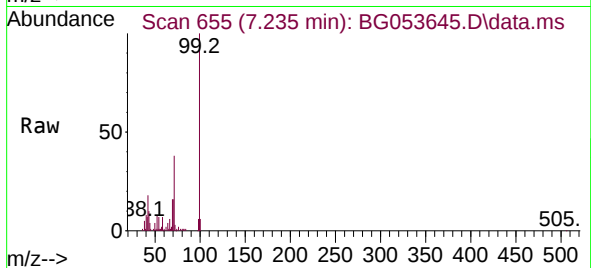




#7
Phenol-d6
Concen: 37.196 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

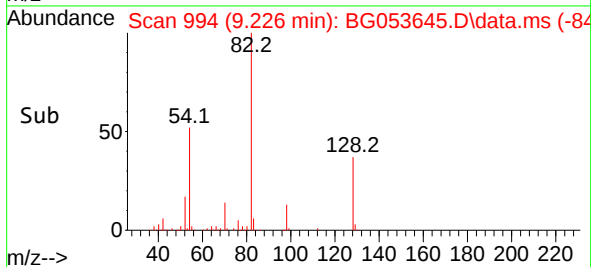
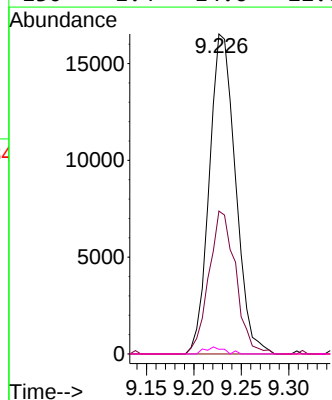
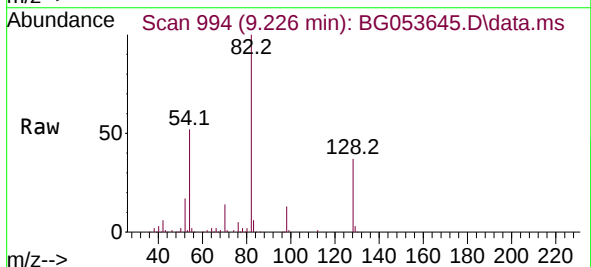
Instrument :
BNA_G
ClientSampleId :
B2-WATER

Tgt Ion: 99 Resp: 89603
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 38.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.370 ng
RT: 9.226 min Scan# 994
Delta R.T. 0.347 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion: 70 Resp: 31751
Ion Ratio Lower Upper
70 100
42 44.6 47.3 70.9#
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.877 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053645.D

Acq: 20 May 2022 15:47

Instrument :

BNA_G

ClientSampleId :

B2-WATER

Tgt Ion:136 Resp: 102408

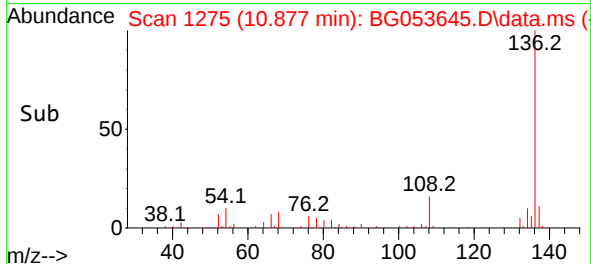
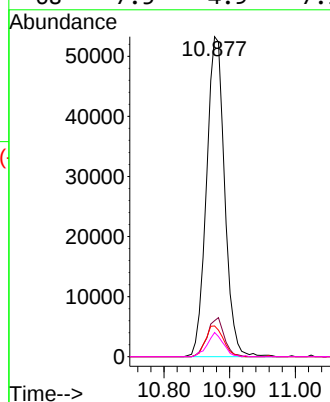
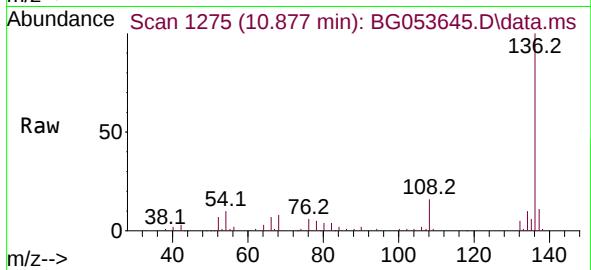
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.6 7.4 11.2

68 7.5 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 93.839 ng

RT: 9.232 min Scan# 995

Delta R.T. -0.006 min

Lab File: BG053645.D

Acq: 20 May 2022 15:47

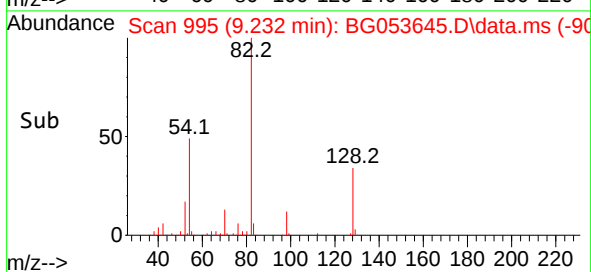
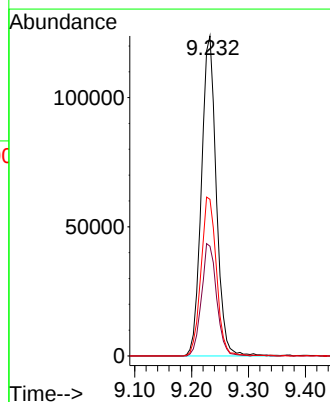
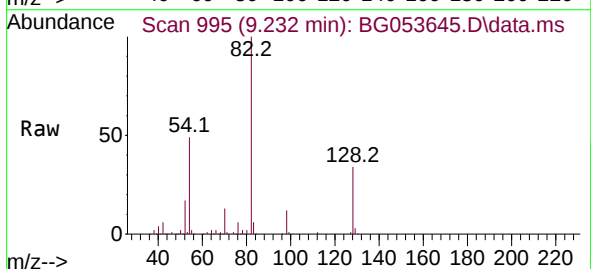
Tgt Ion: 82 Resp: 225750

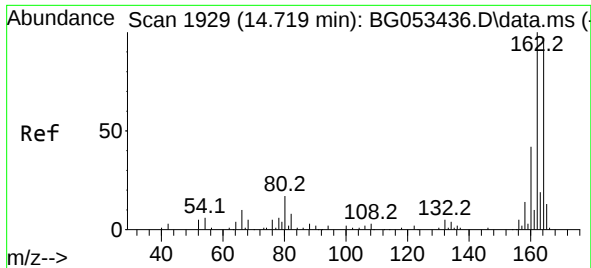
Ion Ratio Lower Upper

82 100

128 34.3 27.9 41.9

54 48.9 41.2 61.8

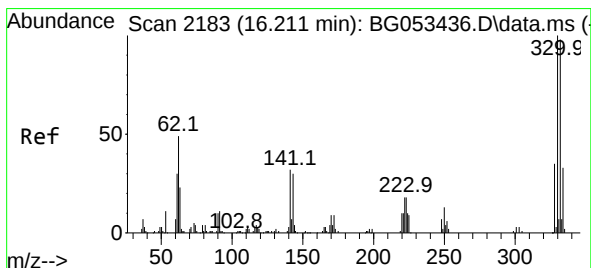
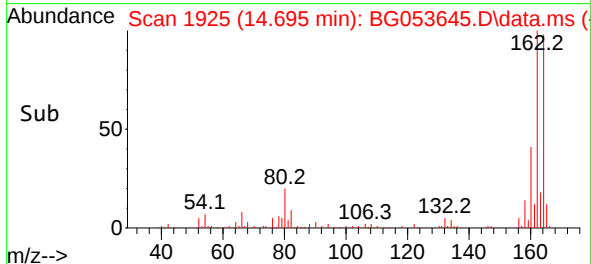
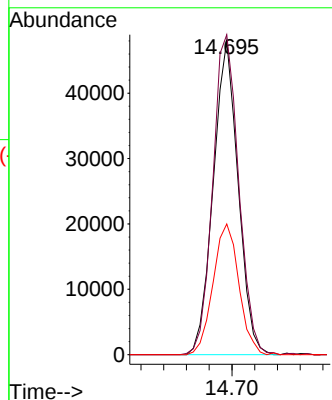
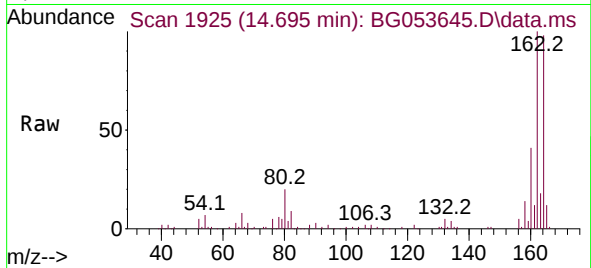




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

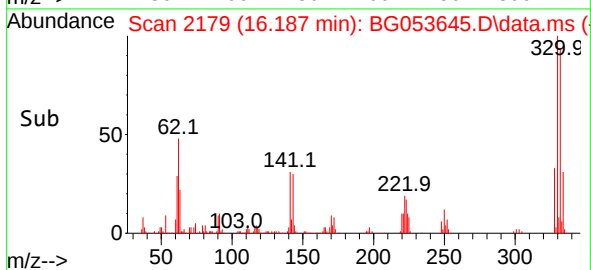
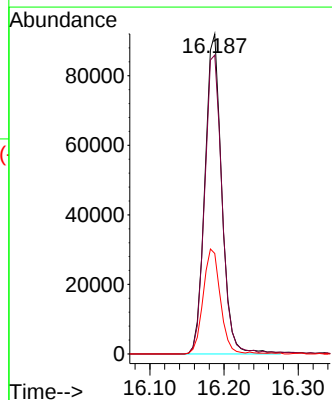
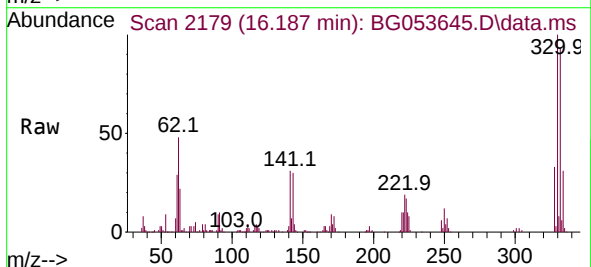
Instrument :
BNA_G
ClientSampleId :
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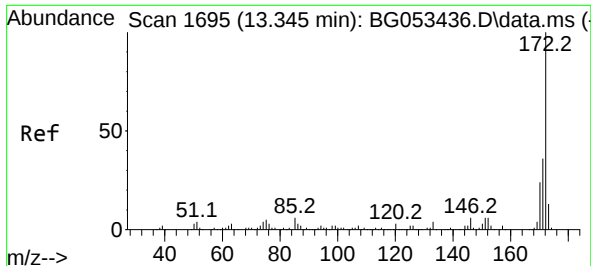
Tgt Ion:164 Resp: 72676
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 41.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 135.310 ng
RT: 16.187 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:330 Resp: 145037
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.4 27.1 40.7

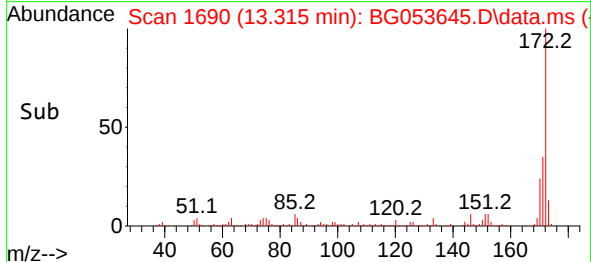
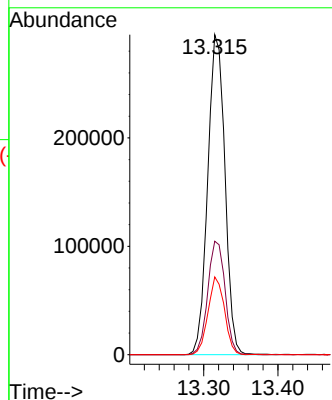
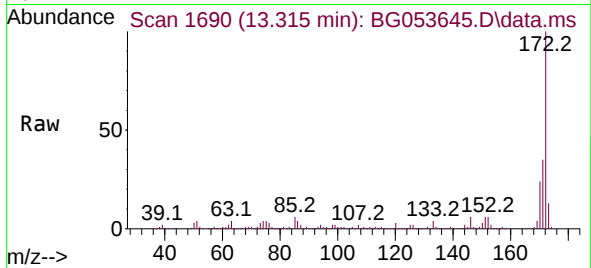




#45
2-Fluorobiphenyl
Concen: 95.806 ng
RT: 13.315 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

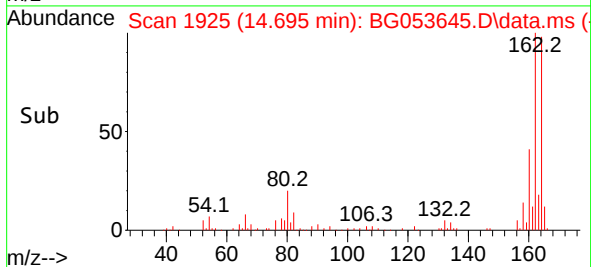
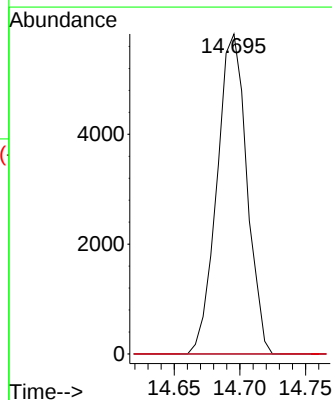
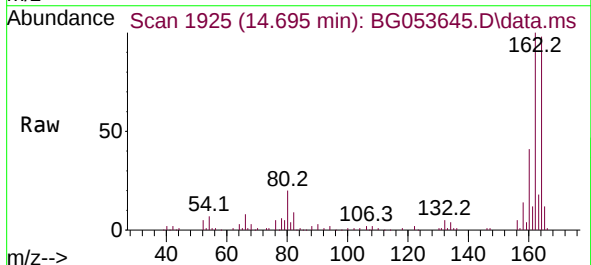
Instrument :
BNA_G
ClientSampleId :
B2-WATER

Tgt Ion:172 Resp: 476488
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 14.695 min Scan# 1925
Delta R.T. 0.423 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:165 Resp: 9220
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: 5.653 ng

RT: 14.695 min Scan# 1991

Delta R.T. -0.370 min

Lab File: BG053645.D

Acq: 20 May 2022 15:47

Instrument :

BNA_G

ClientSampleId :

B2-WATER

Tgt Ion:165 Resp: 9220

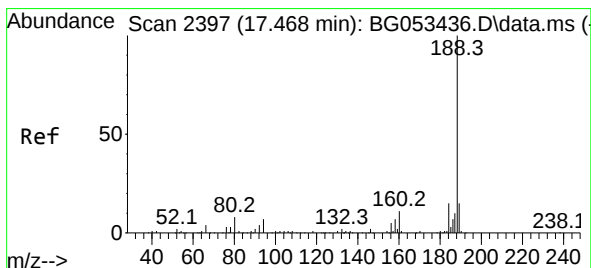
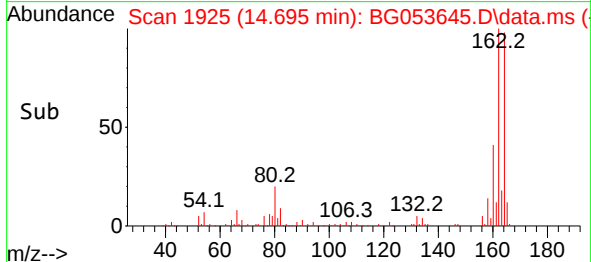
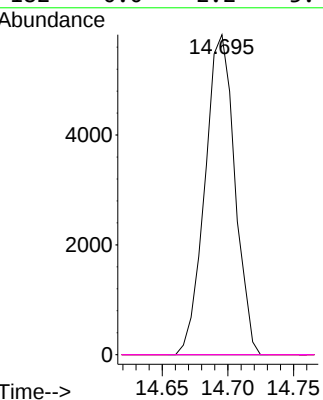
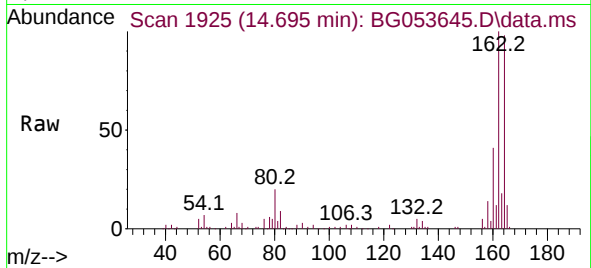
Ion Ratio Lower Upper

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: 17.439 min Scan# 2392

Delta R.T. -0.012 min

Lab File: BG053645.D

Acq: 20 May 2022 15:47

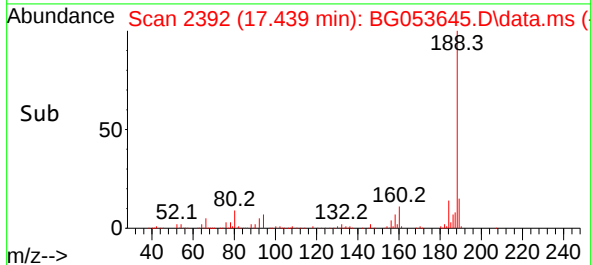
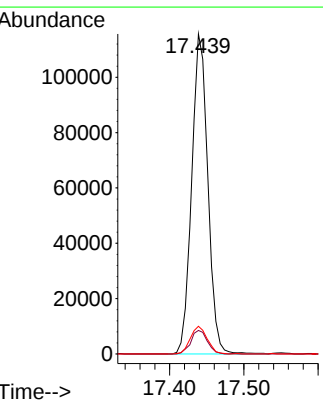
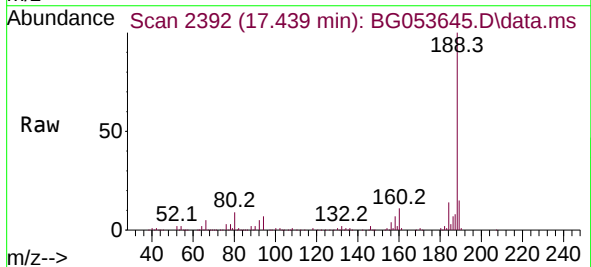
Tgt Ion:188 Resp: 175023

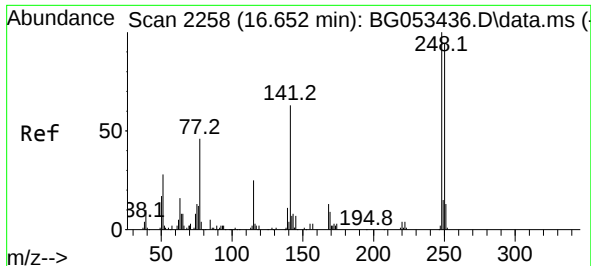
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

80 8.7 6.8 10.2

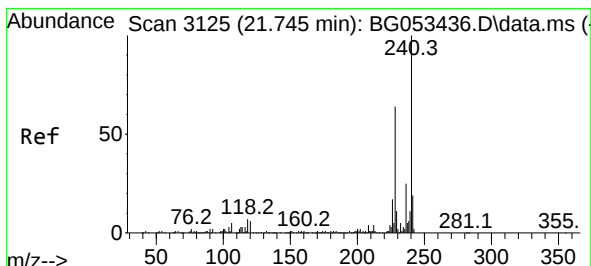
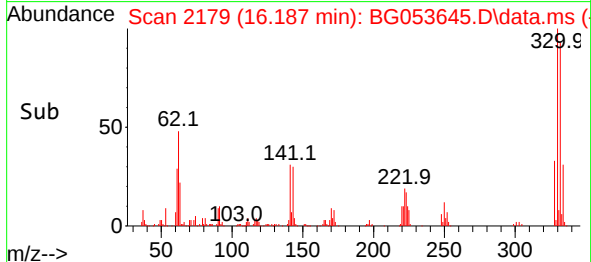
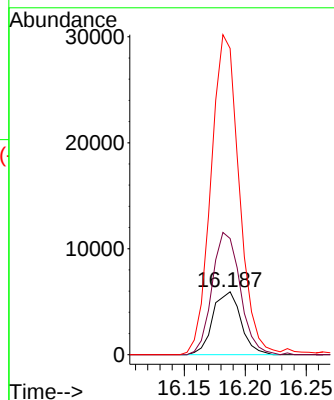
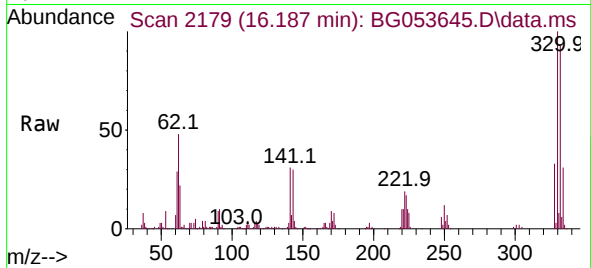




#67
4-Bromophenyl-phenylether
Concen: 4.651 ng
RT: 16.187 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

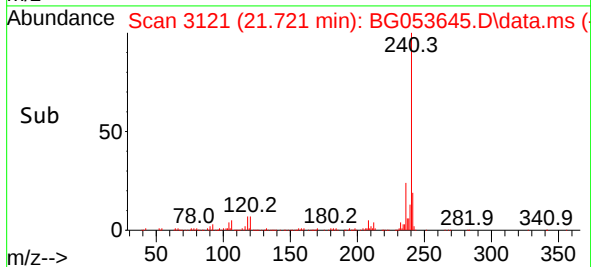
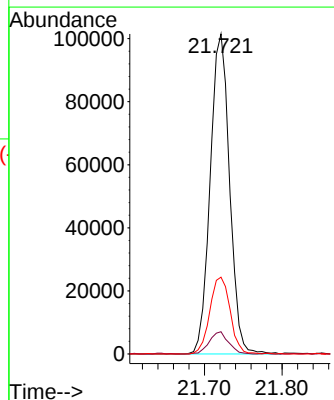
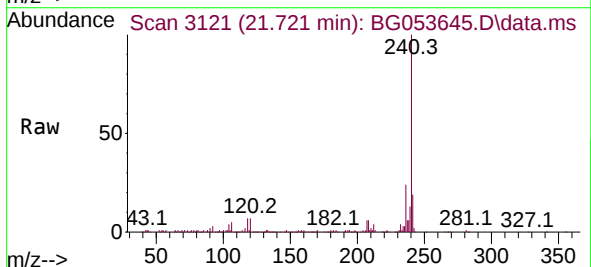
Instrument :
BNA_G
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B2-WATER

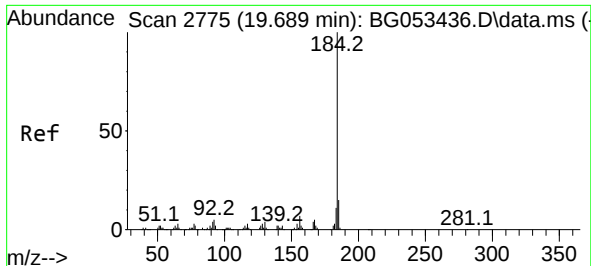
Tgt Ion:248 Resp: 9506
Ion Ratio Lower Upper
248 100
250 184.5 75.2 112.8#
141 486.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:240 Resp: 175846
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 24.0 20.2 30.4

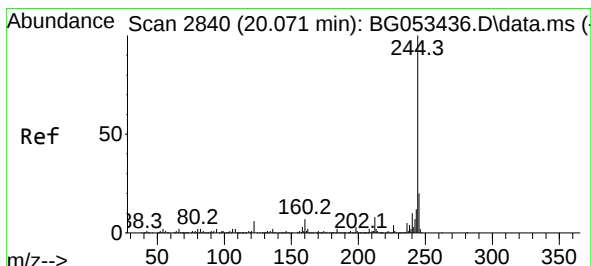
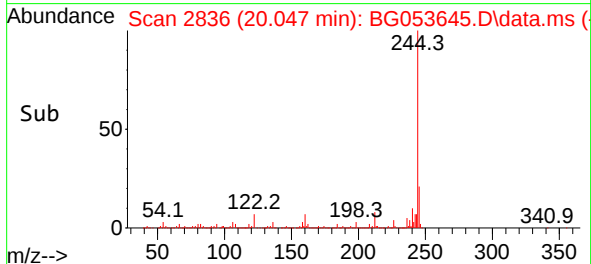
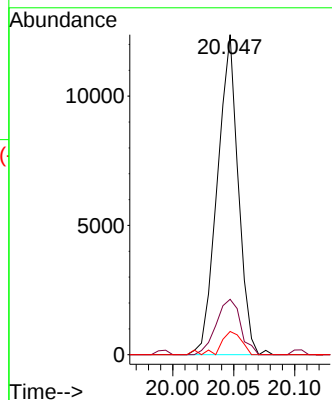
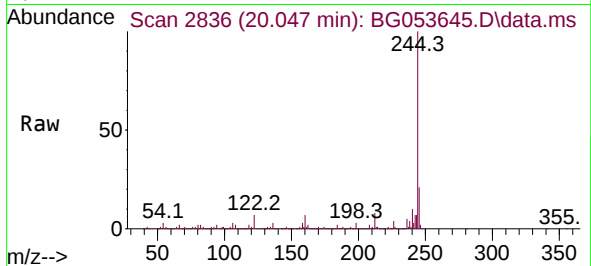




#77
Benzidine
Concen: 3.899 ng
RT: 20.047 min Scan# 2836
Delta R.T. 0.376 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

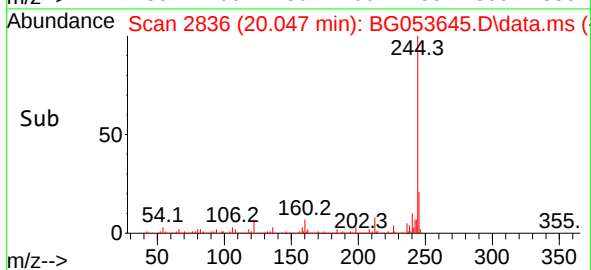
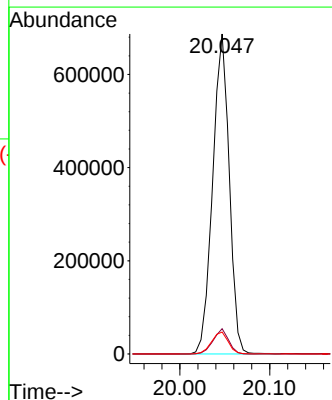
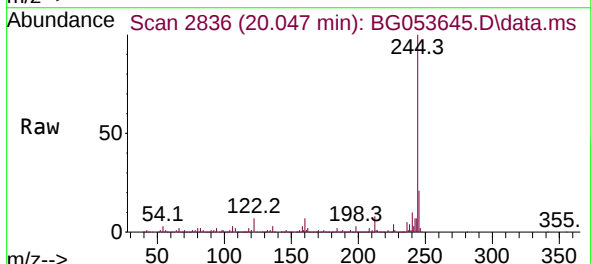
Instrument :
BNA_G
ClientSampleId :
B2-WATER

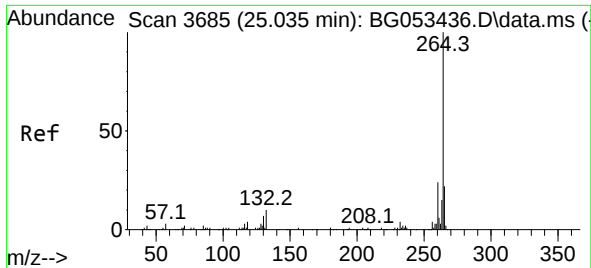
Tgt Ion:184 Resp: 14776
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 7.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 93.157 ng
RT: 20.047 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:244 Resp: 879542
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.987 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Instrument :
BNA_G
ClientSampleId :
B2-WATER

Tgt Ion:264 Resp: 178287
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.7 17.4 26.2

