

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053685.D
 Acq On : 24 May 2022 16:47
 Operator : CG/JU
 Sample : N3002-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: May 25 02:37:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

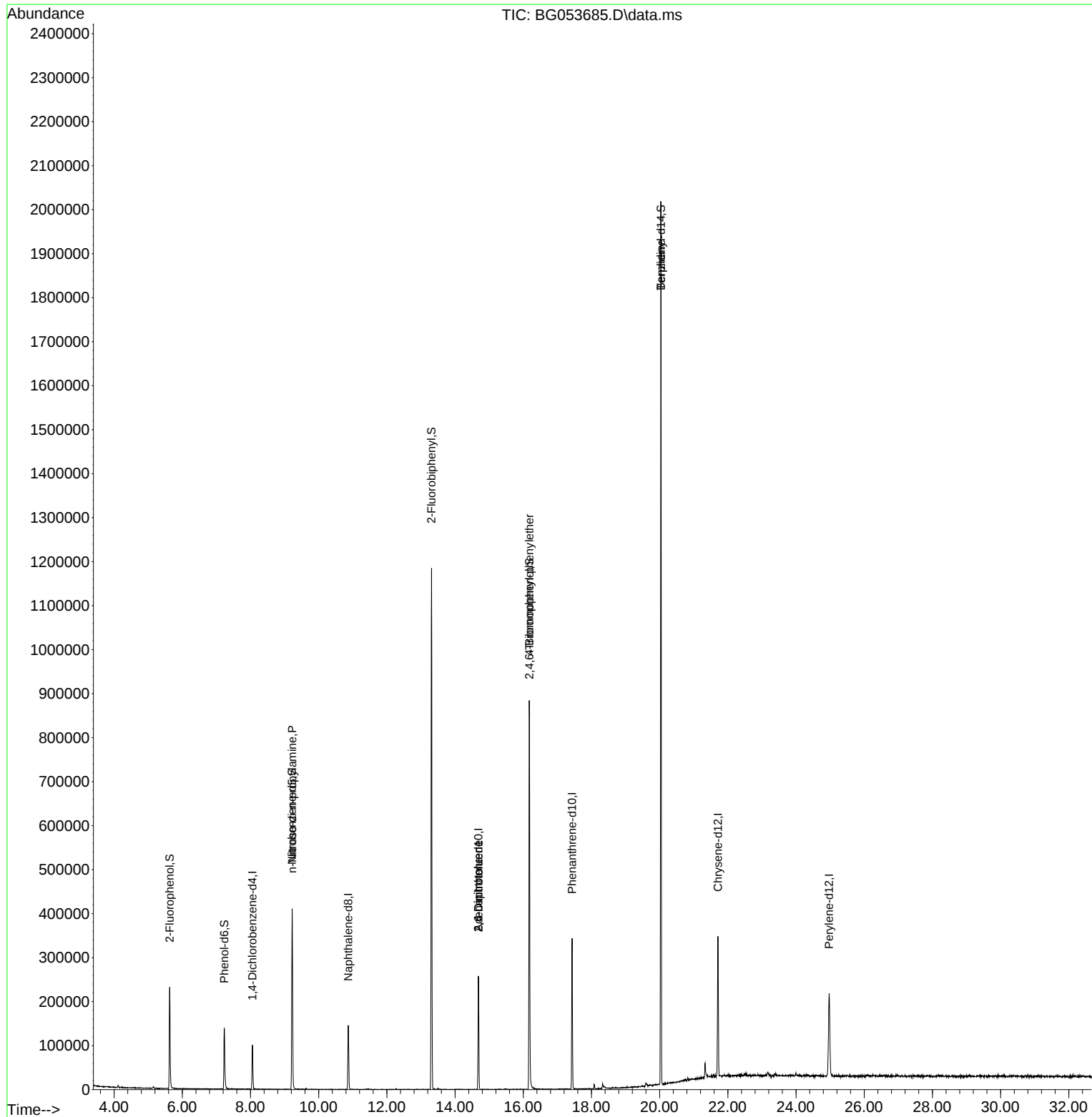
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	28296	20.000	ng	0.00
21) Naphthalene-d8	10.866	136	124573	20.000	ng	0.00
39) Acenaphthene-d10	14.684	164	94007	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	221749	20.000	ng	0.00
76) Chrysene-d12	21.710	240	205468	20.000	ng	0.00
86) Perylene-d12	24.970	264	207167	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	99878	59.905	ng	0.00
7) Phenol-d6	7.230	99	90167	35.634	ng	0.00
23) Nitrobenzene-d5	9.221	82	267604	91.444	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	186604	134.587	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	623917	96.984	ng	0.00
79) Terphenyl-d14	20.036	244	1005971	91.186	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.227	70	37233	20.508	ng	# 74
51) 2,6-Dinitrotoluene	14.684	165	12088	8.306	ng	# 16
57) 2,4-Dinitrotoluene	14.684	165	12088	5.730	ng	# 21
67) 4-Bromophenyl-phenylether	16.176	248	12420	4.796	ng	# 1
77) Benzidine	20.036	184	16977	3.833	ng	# 93

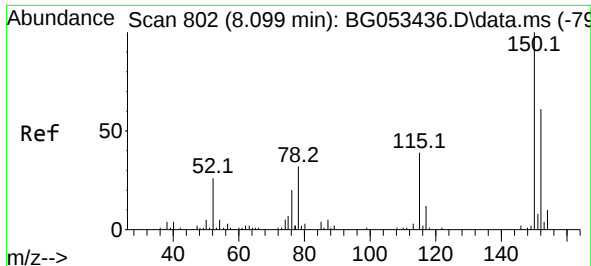
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
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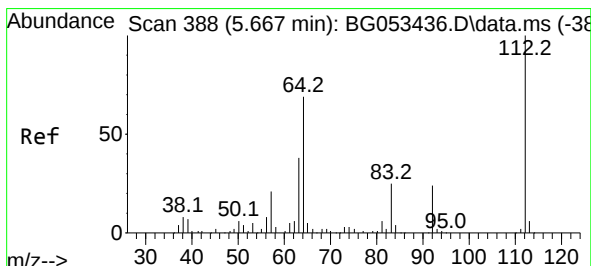
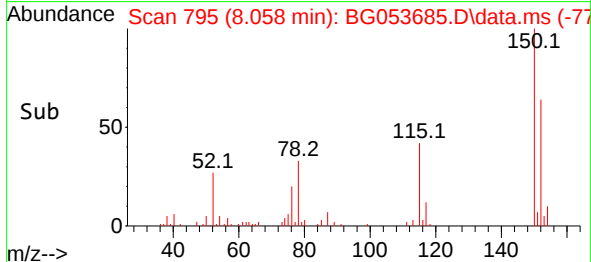
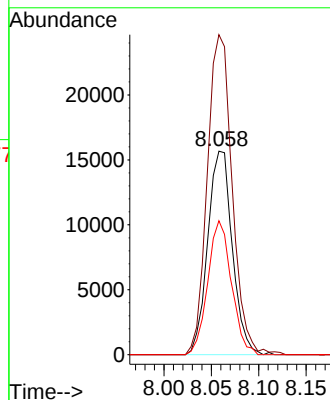
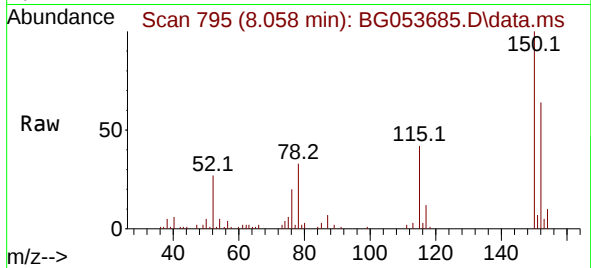




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

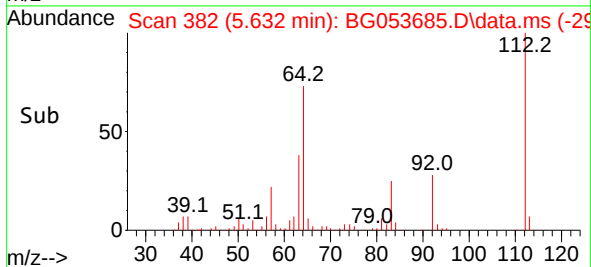
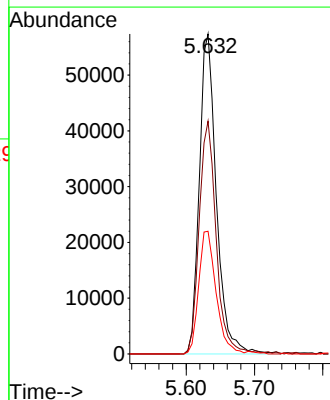
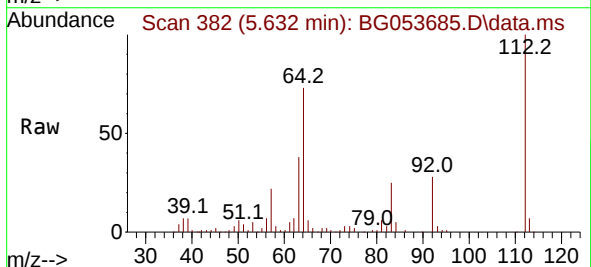
Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 28296
Ion Ratio Lower Upper
152 100
150 157.3 131.6 197.4
115 65.8 50.9 76.3



#5
2-Fluorophenol
Concen: 59.905 ng
RT: 5.632 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Tgt Ion:112 Resp: 99878
Ion Ratio Lower Upper
112 100
64 72.7 55.1 82.7
63 38.4 30.4 45.6

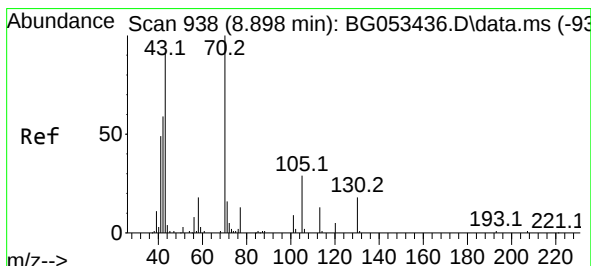
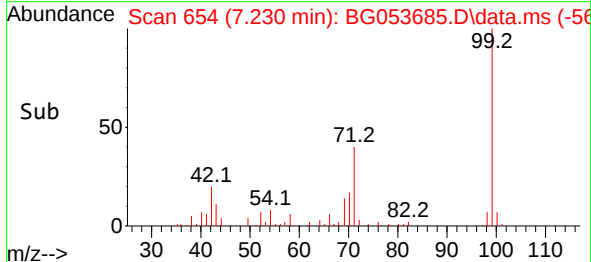
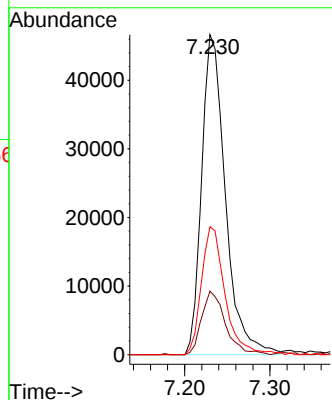
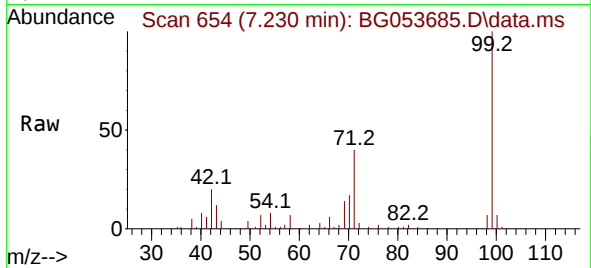




#7
Phenol-d6
Concen: 35.634 ng
RT: 7.230 min Scan# 611
Delta R.T. 0.000 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

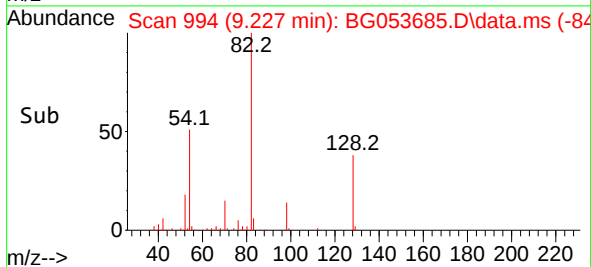
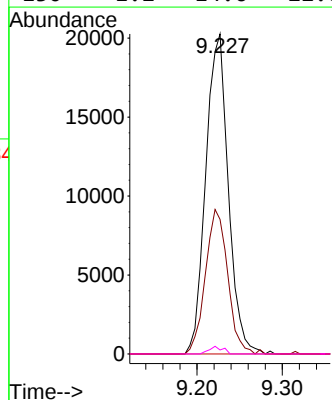
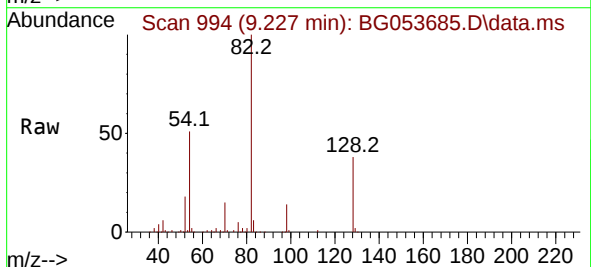
Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 90167
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 40.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.508 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.364 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Tgt Ion: 70 Resp: 37233
Ion Ratio Lower Upper
70 100
42 42.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.866 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053685.D

Acq: 24 May 2022 16:47

Instrument :

BNA_G

ClientSampleId :

MW-11

Tgt Ion:136 Resp: 124573

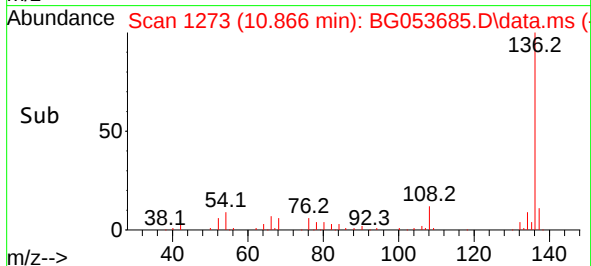
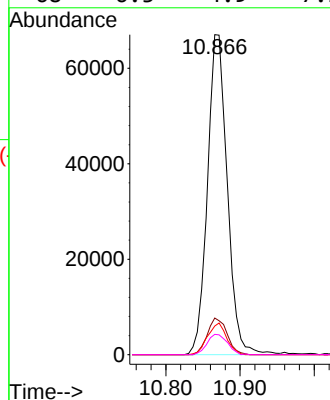
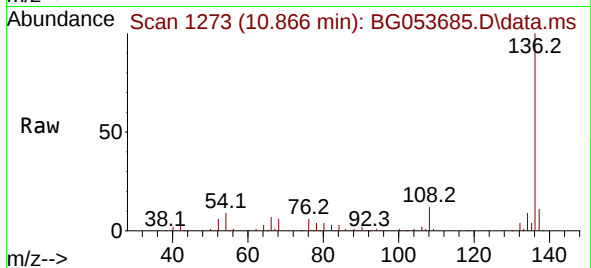
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 8.9 7.4 11.2

68 6.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 91.444 ng

RT: 9.221 min Scan# 993

Delta R.T. -0.006 min

Lab File: BG053685.D

Acq: 24 May 2022 16:47

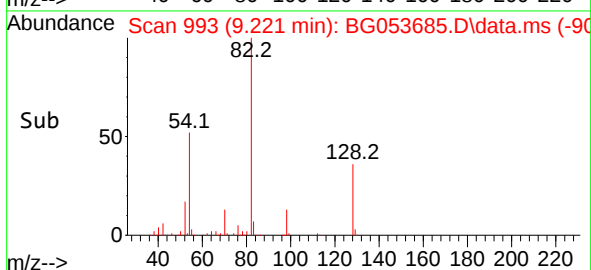
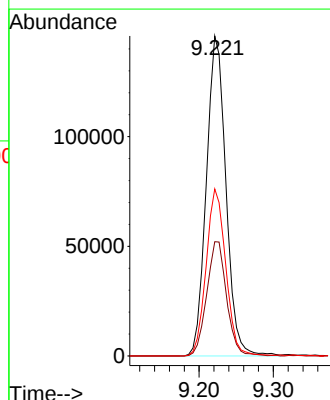
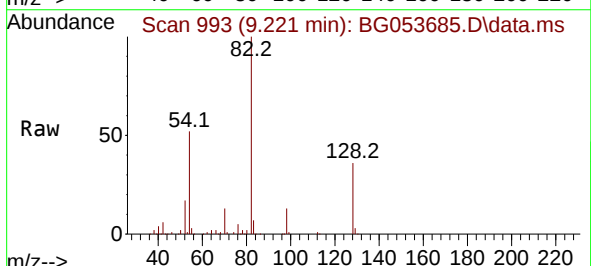
Tgt Ion: 82 Resp: 267604

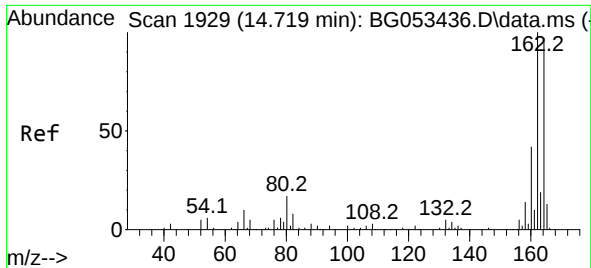
Ion Ratio Lower Upper

82 100

128 35.7 27.9 41.9

54 52.2 41.2 61.8

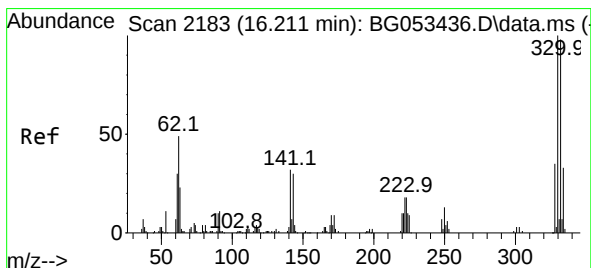
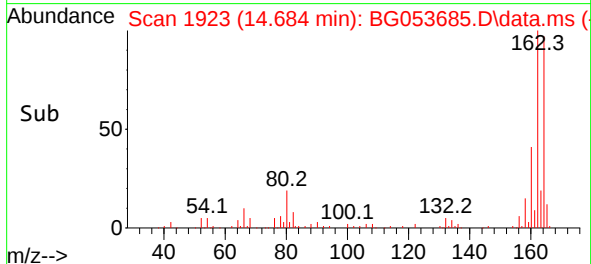
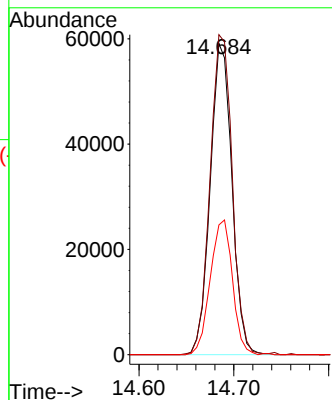
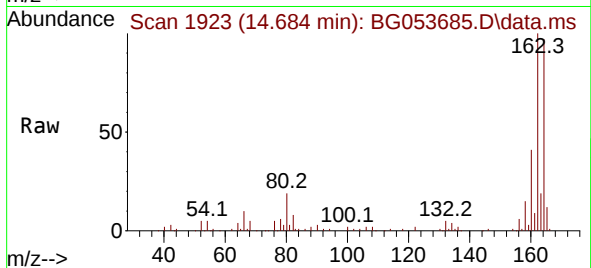




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

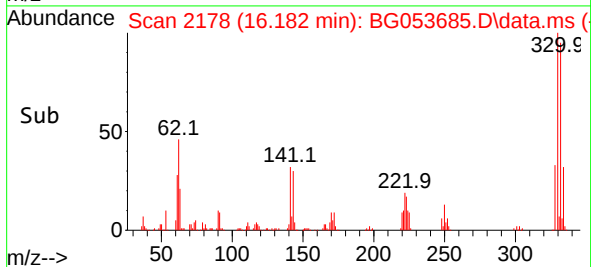
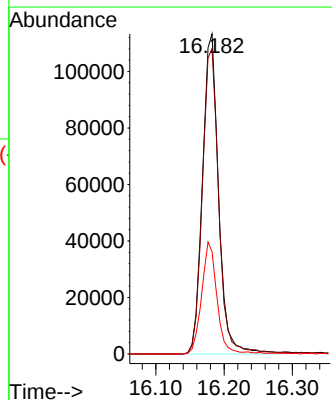
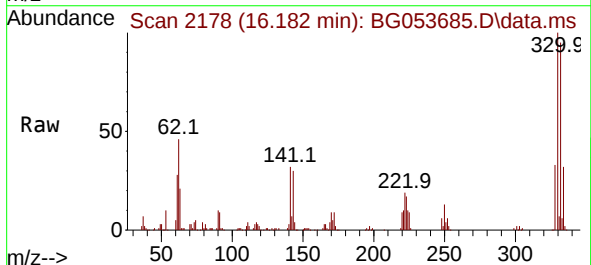
Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 94007
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 41.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 134.587 ng
RT: 16.182 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Tgt Ion:330 Resp: 186604
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.4 27.1 40.7

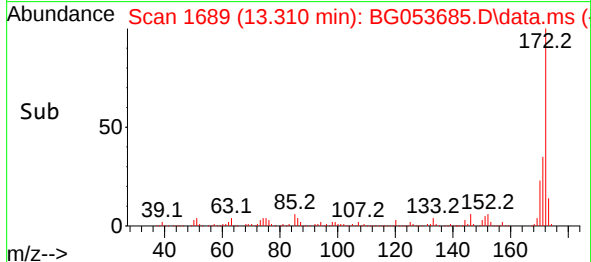
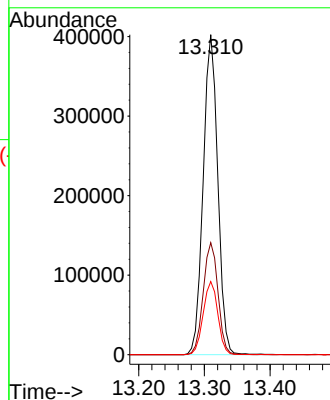
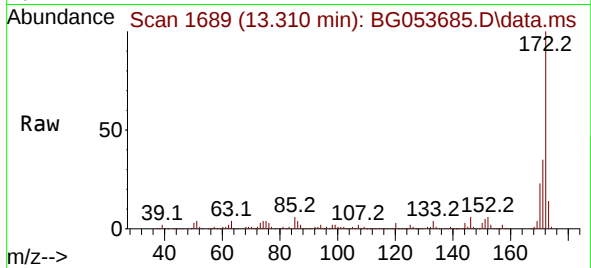




#45
 2-Fluorobiphenyl
 Concen: 96.984 ng
 RT: 13.310 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BG053685.D
 Acq: 24 May 2022 16:47

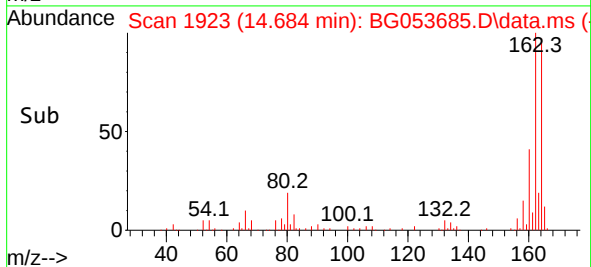
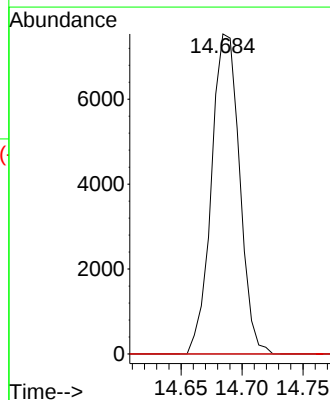
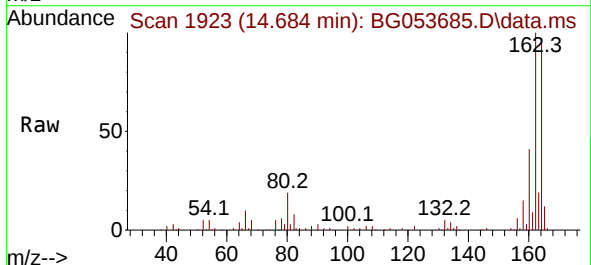
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tgt Ion:172 Resp: 623917
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.8 18.9 28.3



#51
 2,6-Dinitrotoluene
 Concen: 8.306 ng
 RT: 14.684 min Scan# 1923
 Delta R.T. 0.423 min
 Lab File: BG053685.D
 Acq: 24 May 2022 16:47

Tgt Ion:165 Resp: 12088
 Ion Ratio Lower Upper
 165 100
 63 0.0 54.1 81.1#
 89 0.0 54.8 82.2#

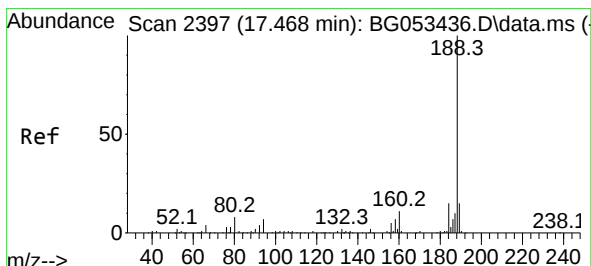
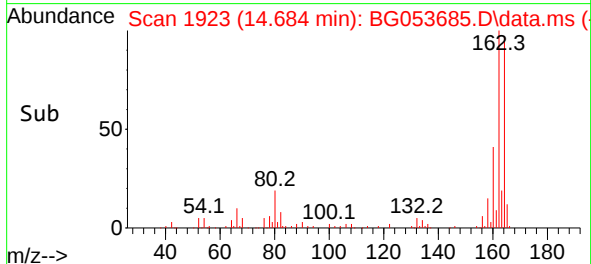
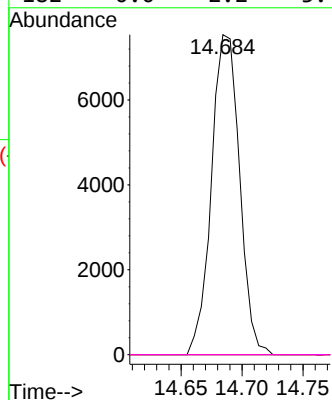
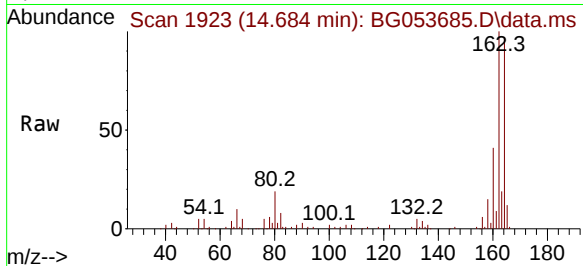




#57
2,4-Dinitrotoluene
Concen: 5.730 ng
RT: 14.684 min Scan# 1991
Delta R.T. -0.370 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

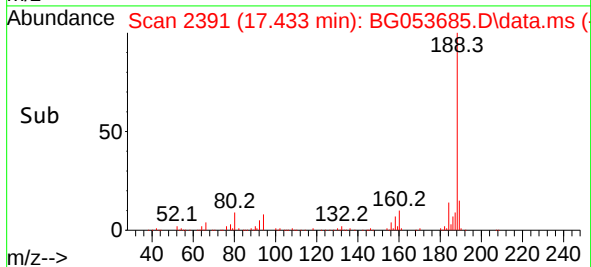
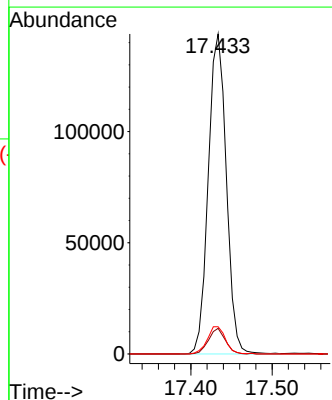
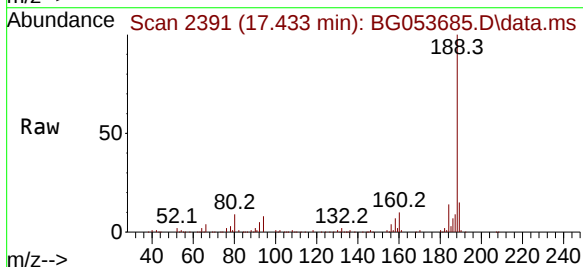
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BNA_G
ClientSampleId :
MW-11

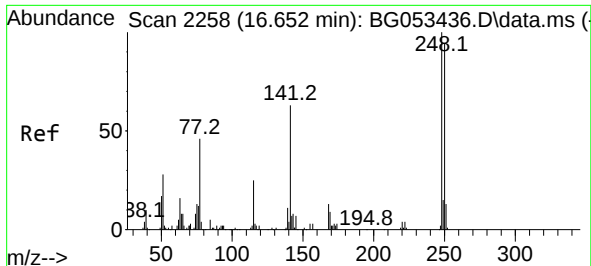
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Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Tgt Ion:188 Resp: 221749
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.0
80 8.5 6.8 10.2

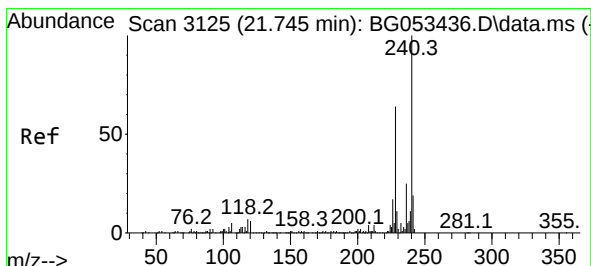
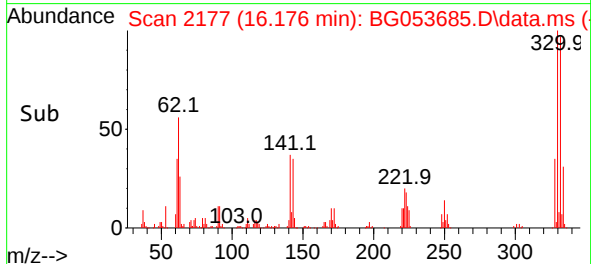
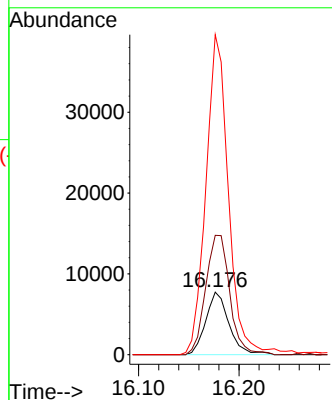
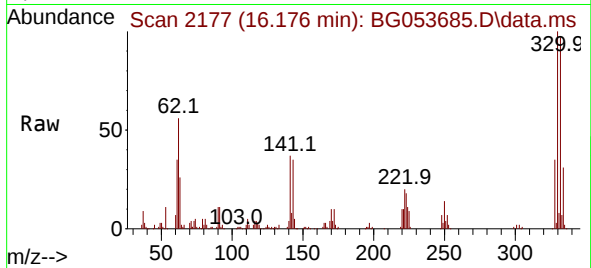




#67
4-Bromophenyl-phenylether
Concen: 4.796 ng
RT: 16.176 min Scan# 2177
Delta R.T. -0.440 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

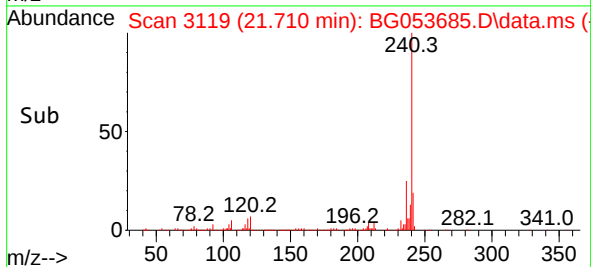
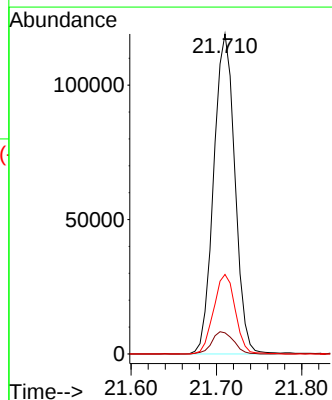
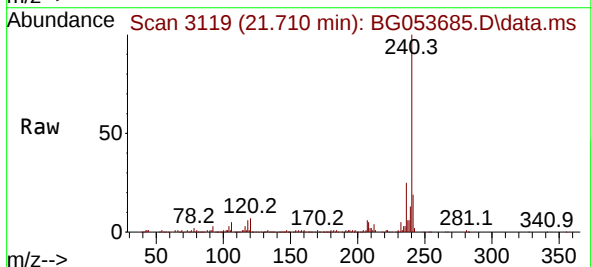
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ClientSampleId :
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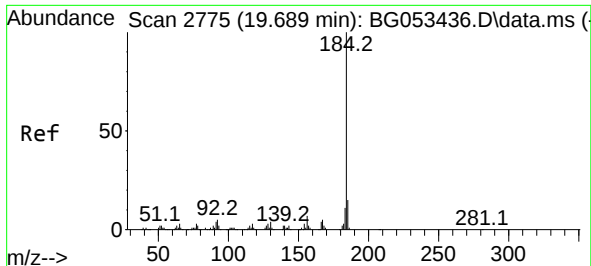
Tgt Ion:248 Resp: 12420
Ion Ratio Lower Upper
248 100
250 190.8 75.2 112.8#
141 511.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Tgt Ion:240 Resp: 205468
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 24.8 20.2 30.4

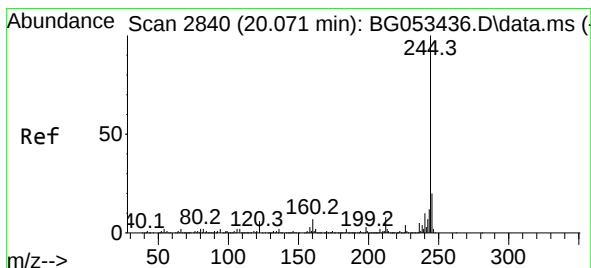
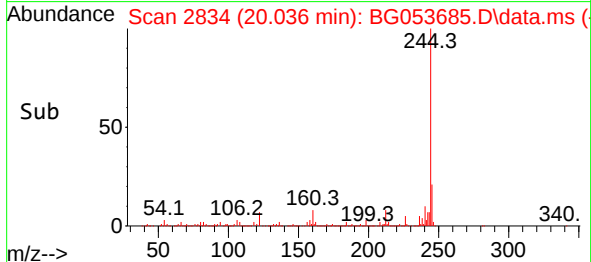
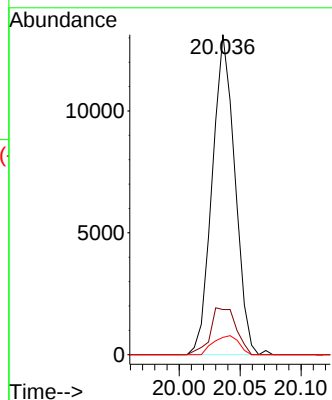
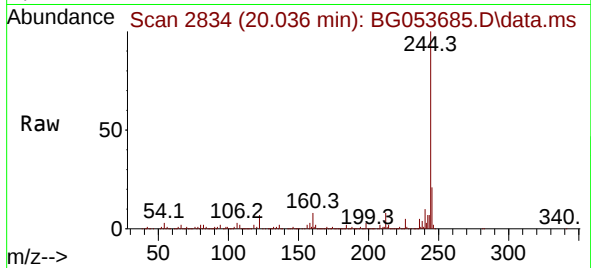




#77
Benzidine
Concen: 3.833 ng
RT: 20.036 min Scan# 2834
Delta R.T. 0.376 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

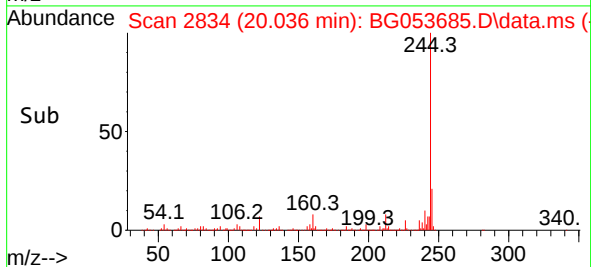
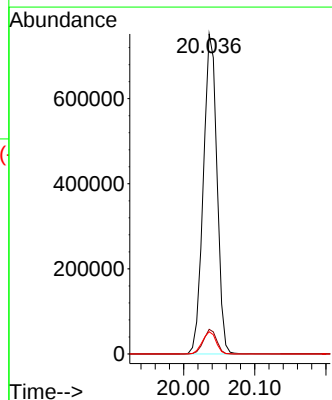
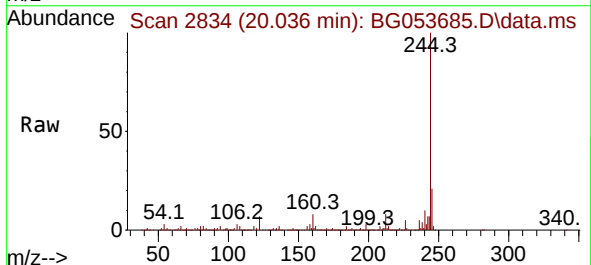
Instrument :
BNA_G
ClientSampleId :
MW-11

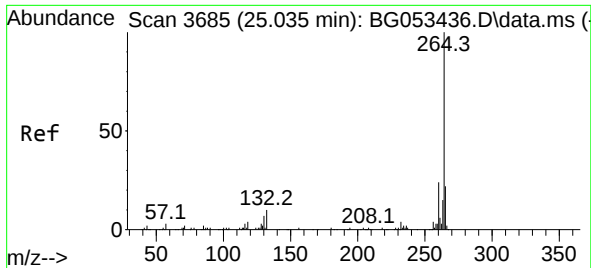
Tgt Ion:184 Resp: 16977
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 5.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.186 ng
RT: 20.036 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Tgt Ion:244 Resp: 1005971
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.970 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG053685.D
Acq: 24 May 2022 16:47

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 207167
Ion Ratio Lower Upper
264 100
260 25.4 19.0 28.6
265 21.4 17.4 26.2

