

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053483.D
 Acq On : 6 May 2022 20:48
 Operator : CG/JU
 Sample : N2680-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-GW

Quant Time: May 06 22:53:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

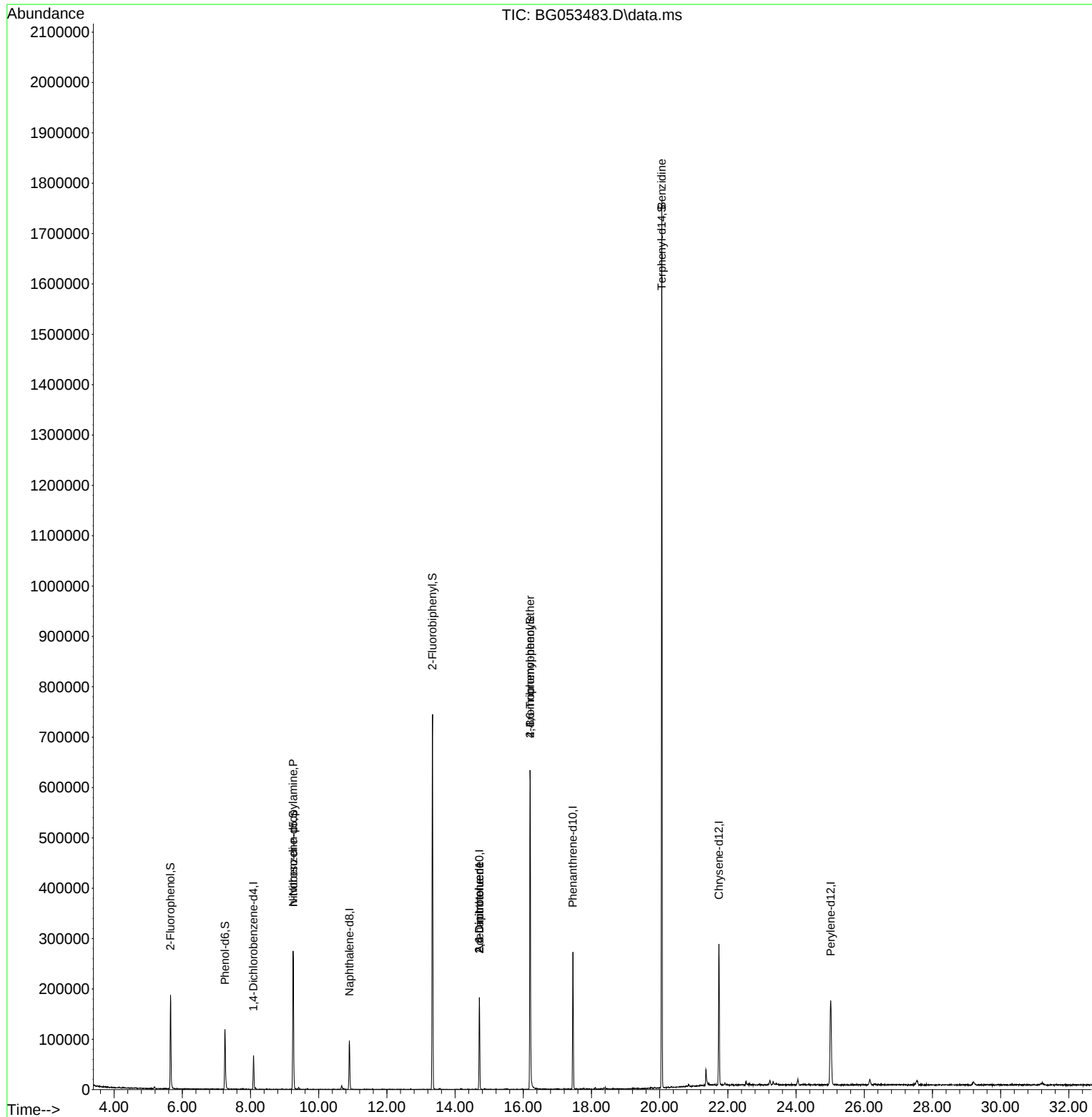
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	18809	20.000	ng	-0.01
21) Naphthalene-d8	10.900	136	78097	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	64519	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	170313	20.000	ng	-0.01
76) Chrysene-d12	21.738	240	185862	20.000	ng	0.00
86) Perylene-d12	25.016	264	187944	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	78737	71.044	ng	-0.01
7) Phenol-d6	7.252	99	71512	42.516	ng	0.00
23) Nitrobenzene-d5	9.250	82	174624	95.183	ng	-0.01
42) 2,4,6-Tribromophenol	16.205	330	133060	139.831	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	402269	91.109	ng	0.00
79) Terphenyl-d14	20.064	244	901297	90.316	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.250	70	24496	20.298	ng	# 80
51) 2,6-Dinitrotoluene	14.713	165	8427	8.437	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	8427	5.820	ng	# 21
67) 4-Bromophenyl-phenylether	16.205	248	8669	4.358	ng	# 1
77) Benzidine	20.058	184	15826	3.951	ng	# 92

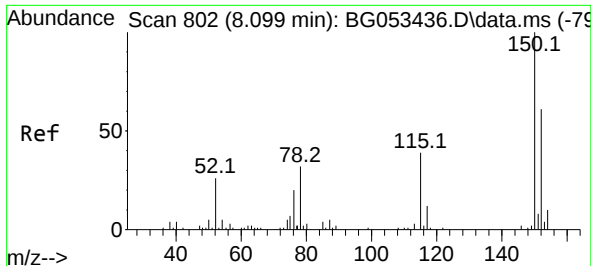
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
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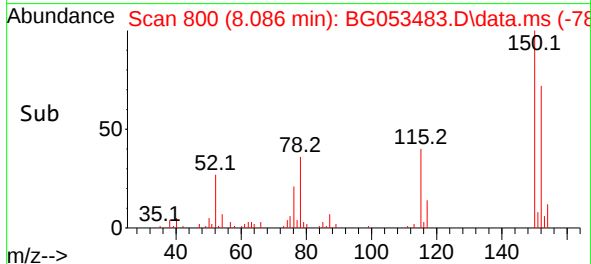
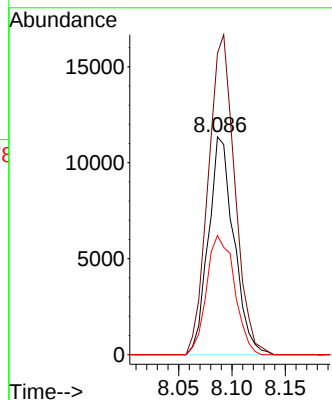
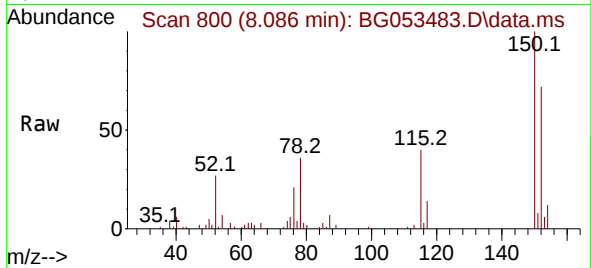




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

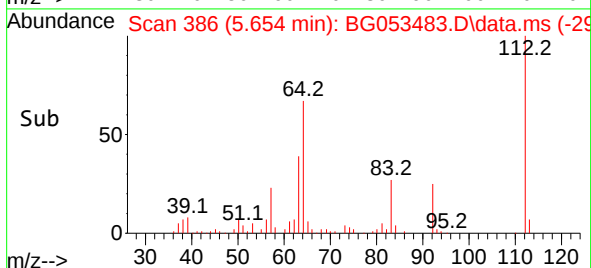
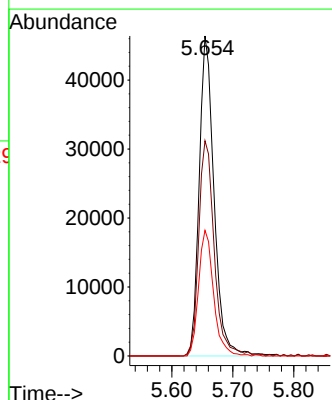
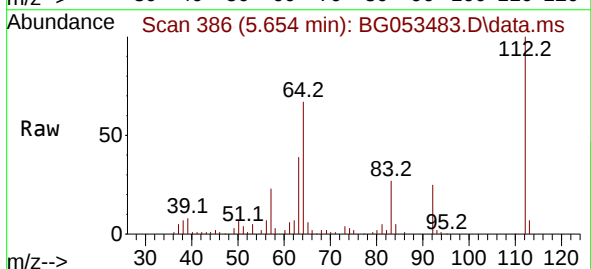
Instrument :
BNA_G
ClientSampleId :
B3-GW

Tgt Ion:152 Resp: 18809
Ion Ratio Lower Upper
152 100
150 138.4 131.6 197.4
115 54.7 50.9 76.3



#5
2-Fluorophenol
Concen: 71.044 ng
RT: 5.654 min Scan# 386
Delta R.T. -0.013 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion:112 Resp: 78737
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 39.3 30.4 45.6

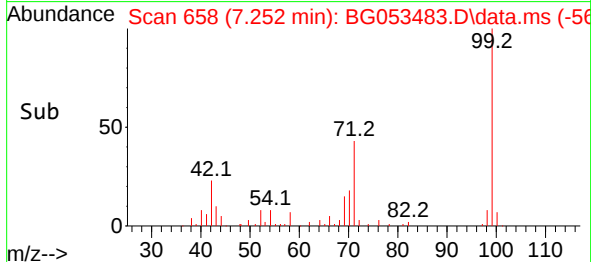
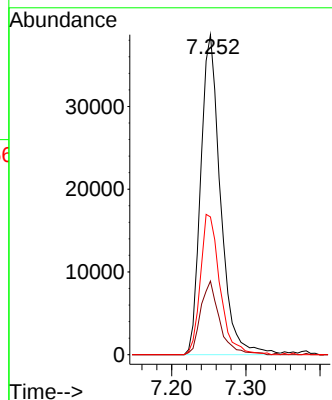
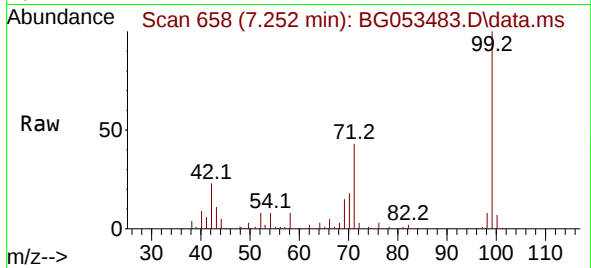




#7
Phenol-d6
Concen: 42.516 ng
RT: 7.252 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

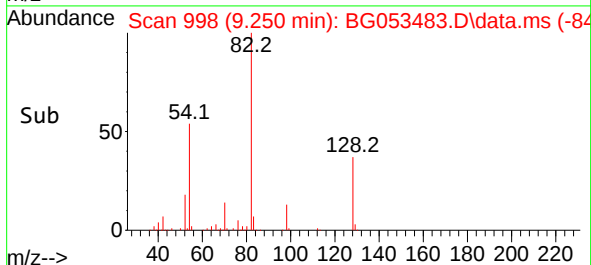
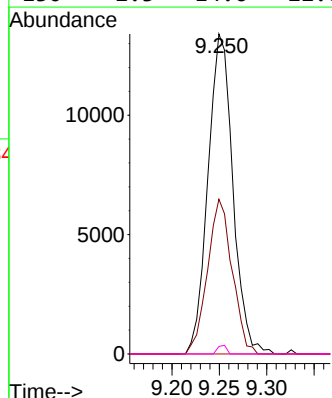
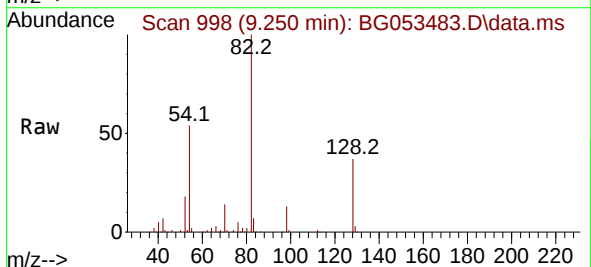
Instrument :
BNA_G
ClientSampleId :
B3-GW

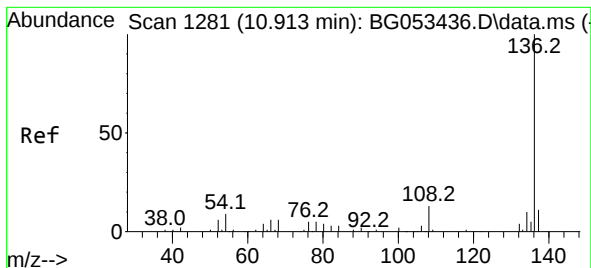
Tgt Ion: 99 Resp: 71512
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 43.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.298 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.352 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion: 70 Resp: 24496
Ion Ratio Lower Upper
70 100
42 48.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.900 min Scan# 11

Delta R.T. -0.013 min

Lab File: BG053483.D

Acq: 6 May 2022 20:48

Instrument :

BNA_G

ClientSampleId :

B3-GW

Tgt Ion:136 Resp: 78097

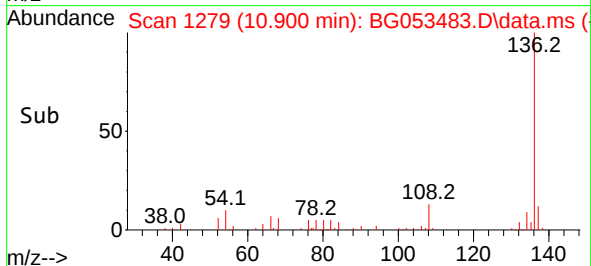
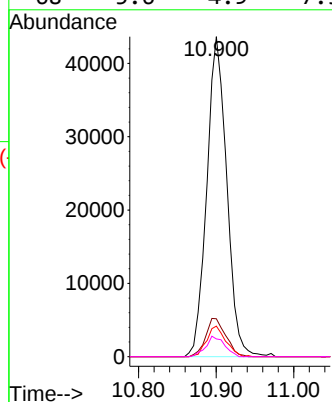
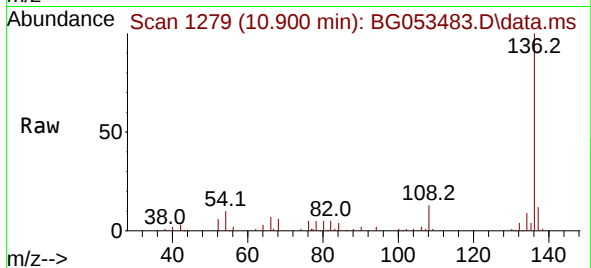
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 9.6 7.4 11.2

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 95.183 ng

RT: 9.250 min Scan# 998

Delta R.T. -0.012 min

Lab File: BG053483.D

Acq: 6 May 2022 20:48

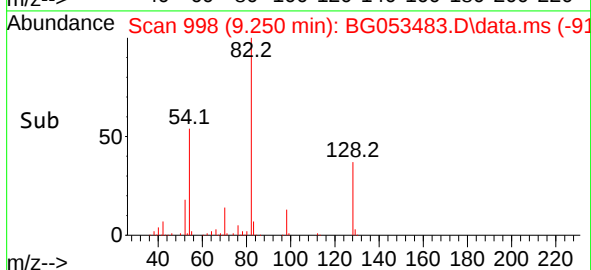
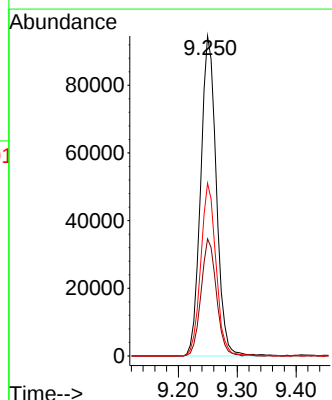
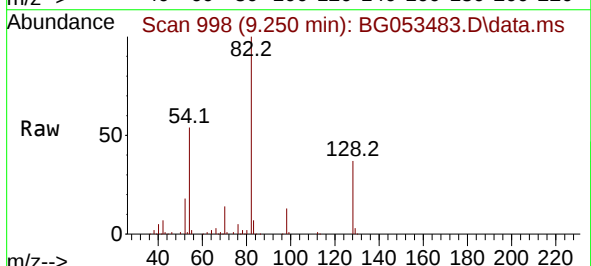
Tgt Ion: 82 Resp: 174624

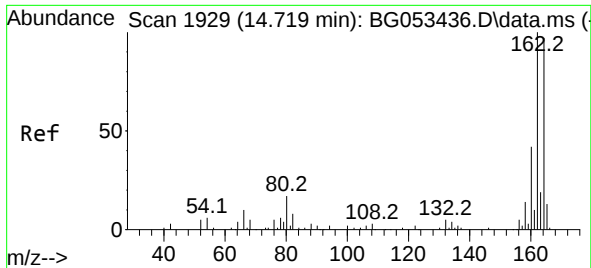
Ion Ratio Lower Upper

82 100

128 36.6 27.9 41.9

54 54.0 41.2 61.8

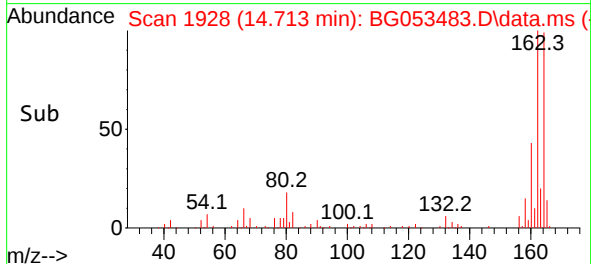
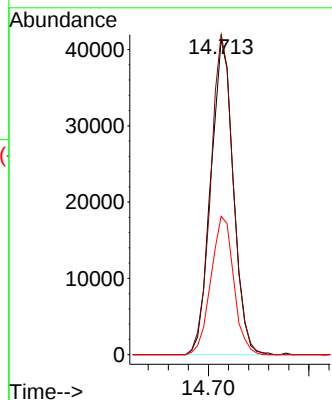
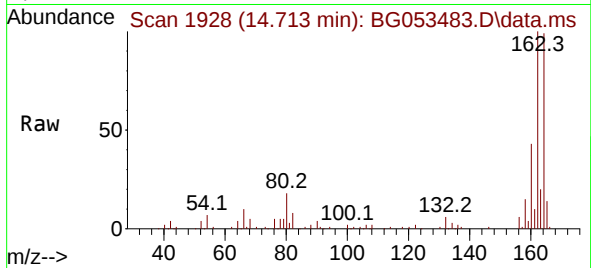




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

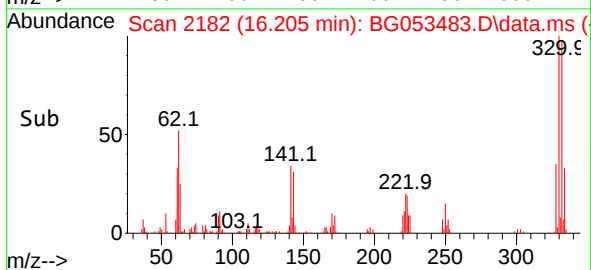
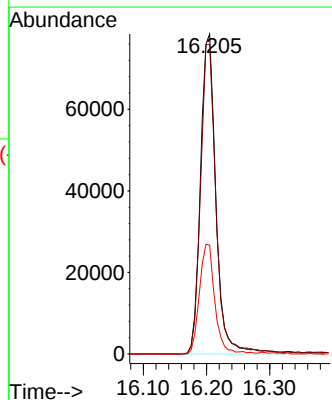
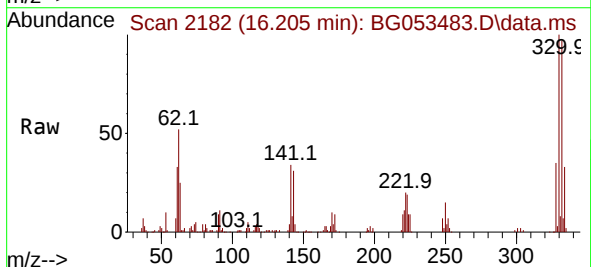
Instrument :
BNA_G
ClientSampleId :
B3-GW

Tgt Ion:164 Resp: 64519
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 43.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 139.831 ng
RT: 16.205 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion:330 Resp: 133060
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 34.3 27.1 40.7

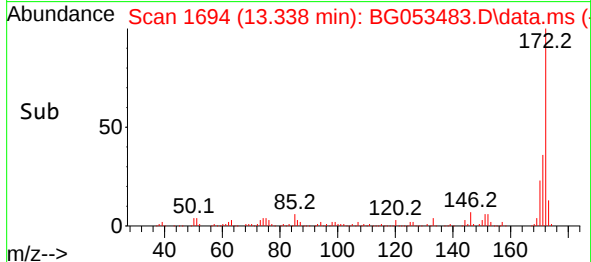
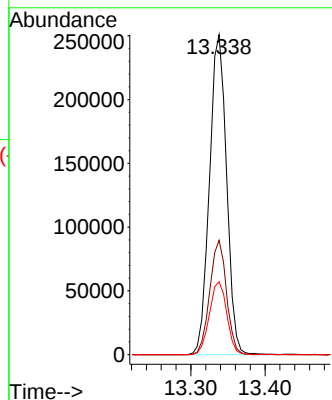
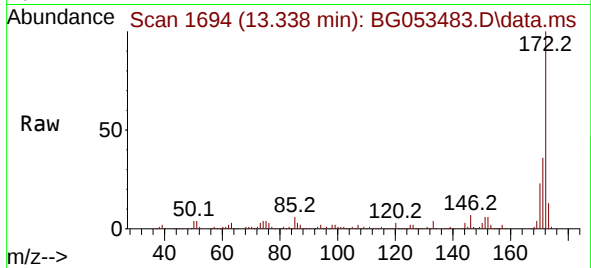




#45
2-Fluorobiphenyl
Concen: 91.109 ng
RT: 13.338 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

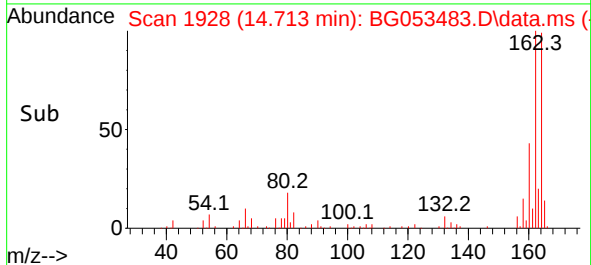
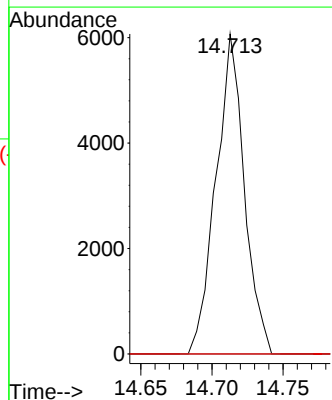
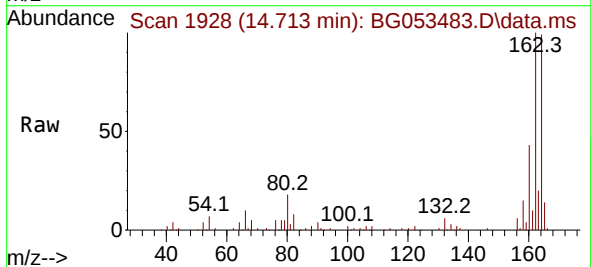
Instrument :
BNA_G
ClientSampleId :
B3-GW

Tgt Ion:172 Resp: 402269
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.437 ng
RT: 14.713 min Scan# 1928
Delta R.T. 0.422 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion:165 Resp: 8427
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

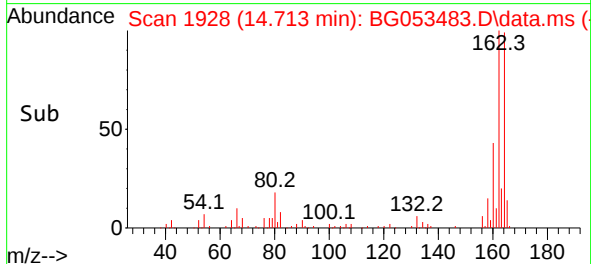
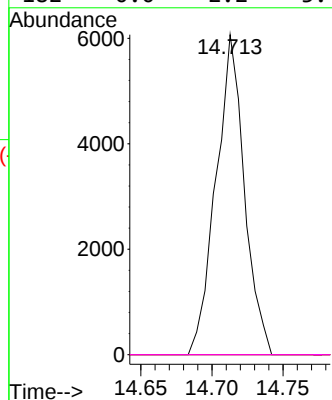
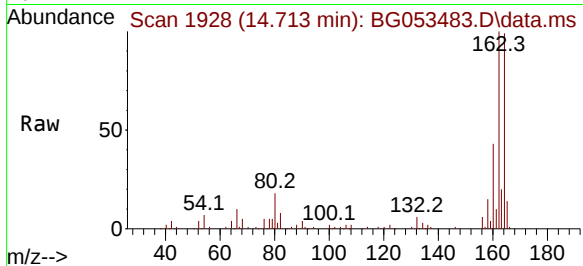




#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 14.713 min Scan# 1991
Delta R.T. -0.371 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

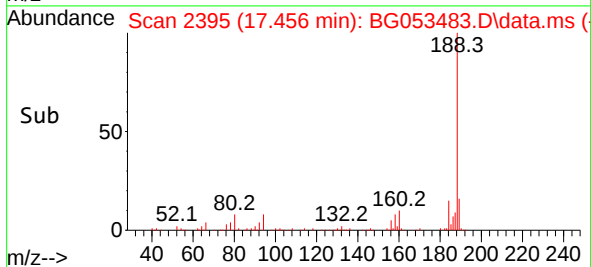
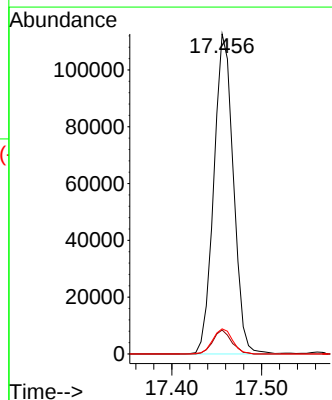
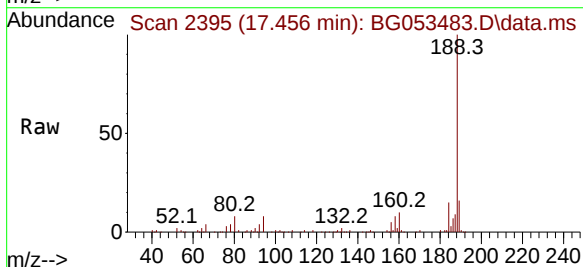
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BNA_G
ClientSampleId :
B3-GW

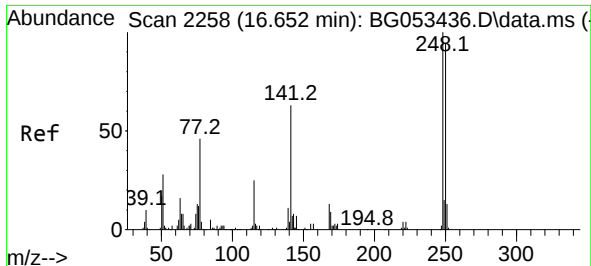
Tgt Ion:165 Resp: 8427
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion:188 Resp: 170313
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.9 6.8 10.2

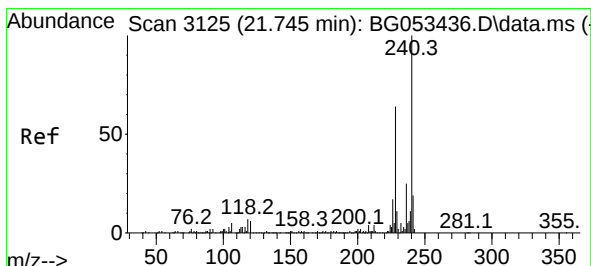
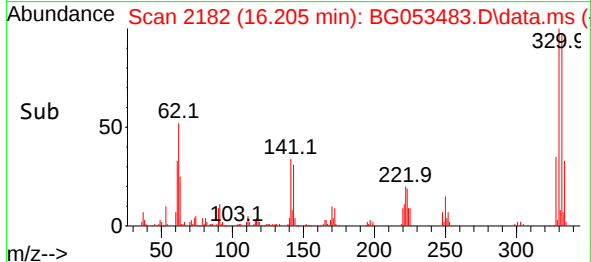
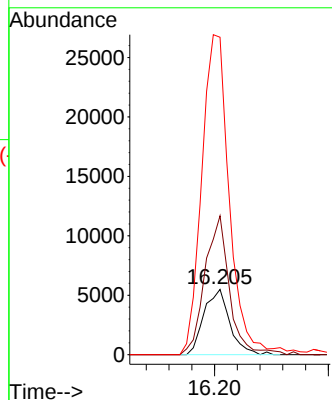
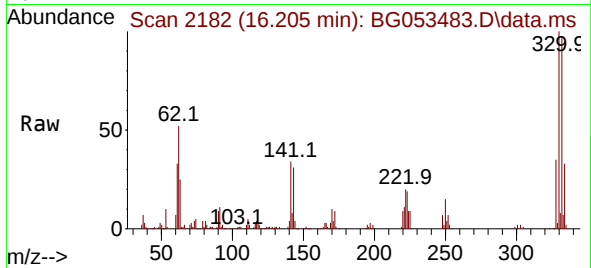




#67
4-Bromophenyl-phenylether
Concen: 4.358 ng
RT: 16.205 min Scan# 2182
Delta R.T. -0.447 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

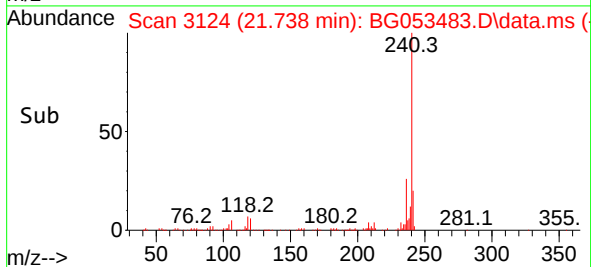
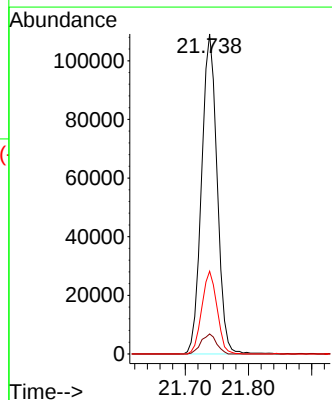
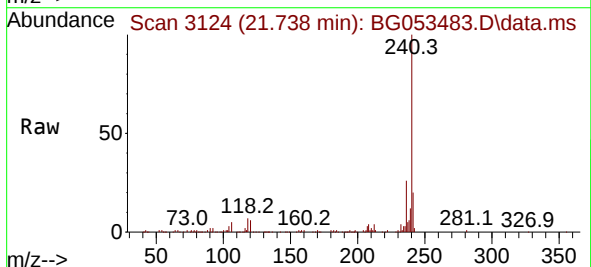
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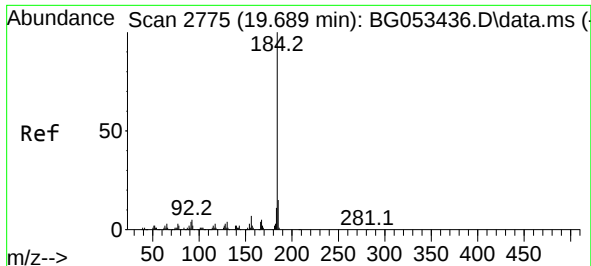
Tgt Ion:248 Resp: 8669
Ion Ratio Lower Upper
248 100
250 212.7 75.2 112.8#
141 486.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion:240 Resp: 185862
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.8 20.2 30.4

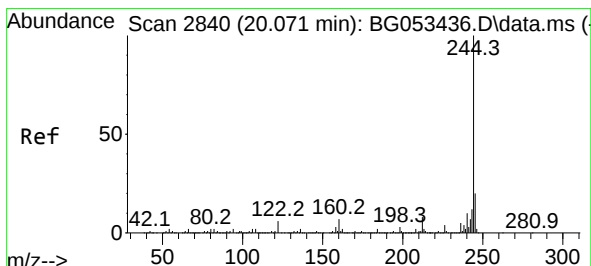
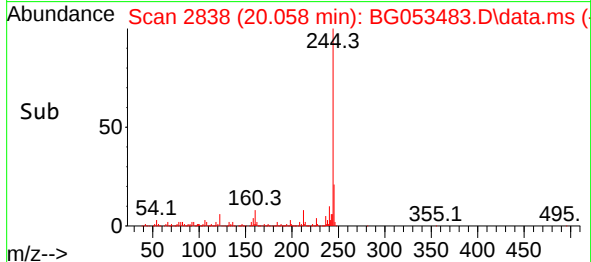
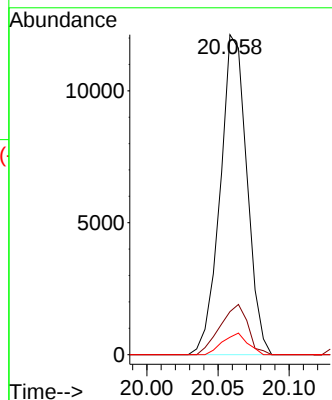
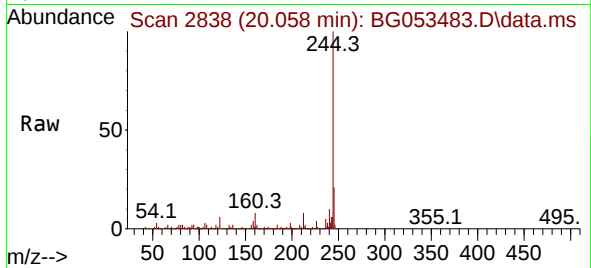




#77
Benzidine
Concen: 3.951 ng
RT: 20.058 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

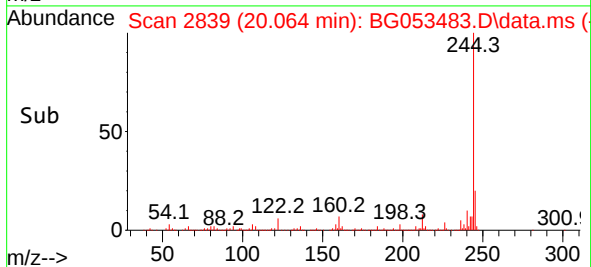
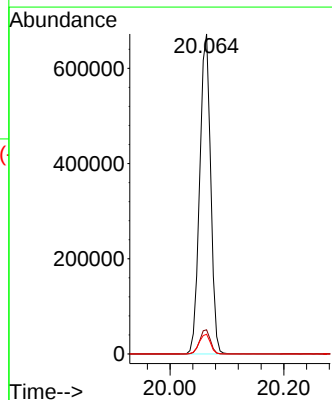
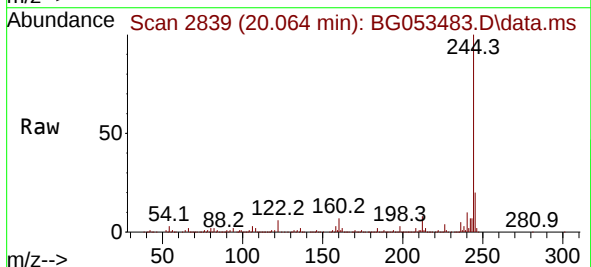
Instrument :
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ClientSampleId :
B3-GW

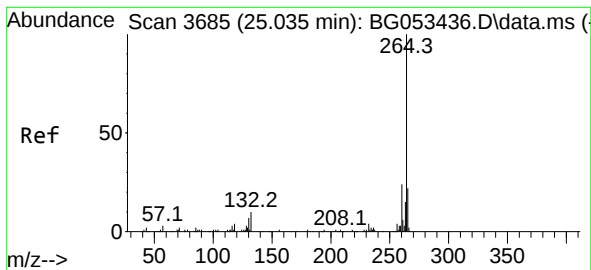
Tgt Ion:184 Resp: 15826
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.6
183 5.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 90.316 ng
RT: 20.064 min Scan# 2839
Delta R.T. -0.007 min
Lab File: BG053483.D
Acq: 6 May 2022 20:48

Tgt Ion:244 Resp: 901297
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.2 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.016 min Scan# 30

Delta R.T. -0.018 min

Lab File: BG053483.D

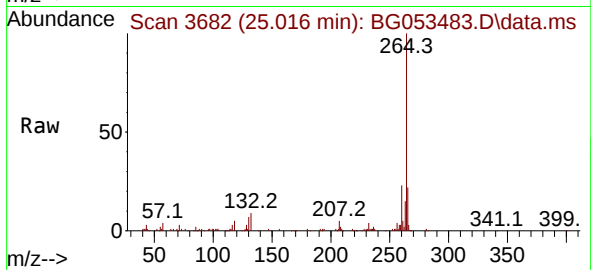
Acq: 6 May 2022 20:48

Instrument :

BNA_G

ClientSampleId :

B3-GW



Tgt Ion:264 Resp: 187944

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.1 17.4 26.2

