

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053484.D
 Acq On : 6 May 2022 21:27
 Operator : CG/JU
 Sample : N2680-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4-GW

Quant Time: May 06 22:53:49 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

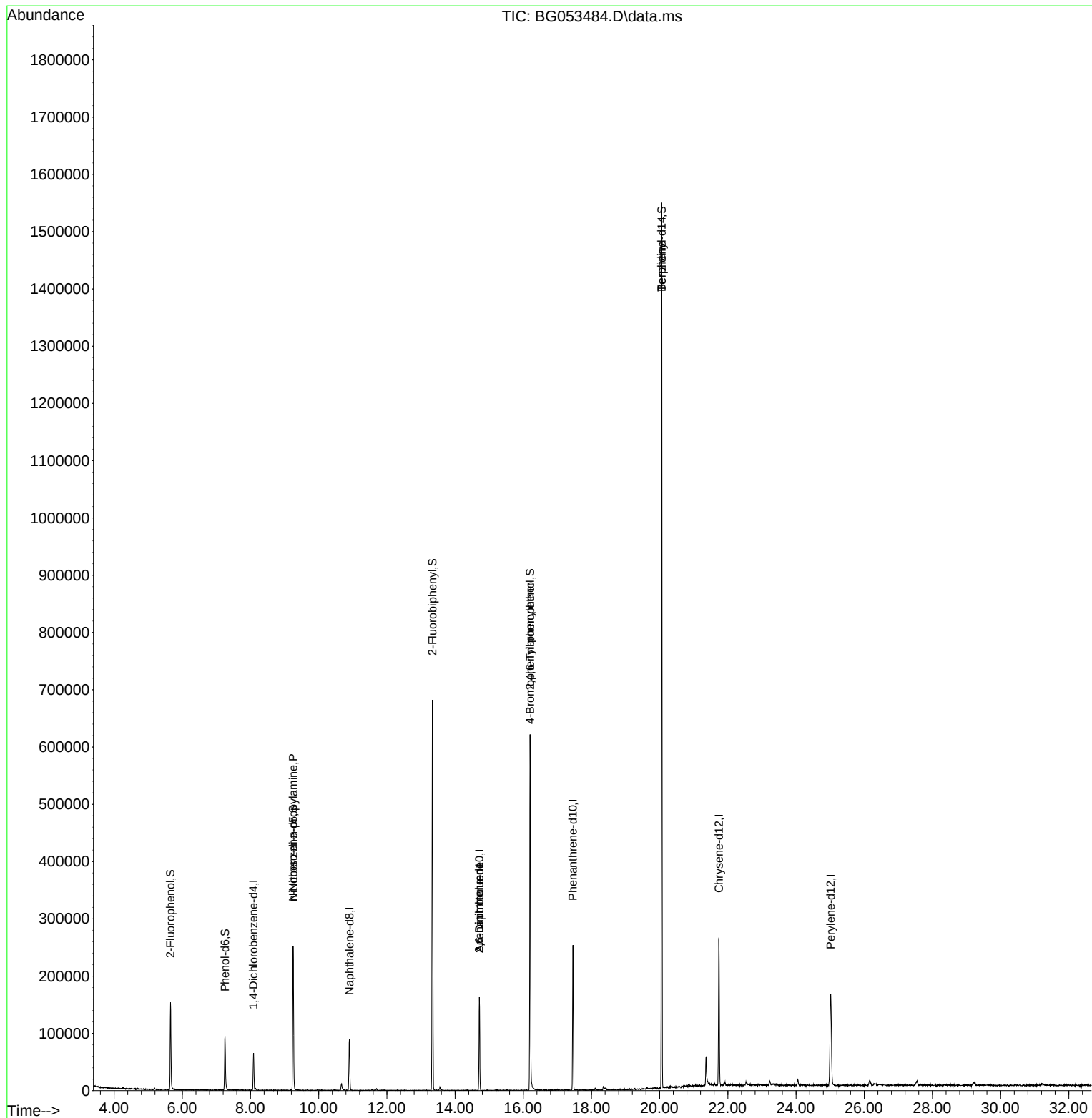
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	18130	20.000	ng	-0.01
21) Naphthalene-d8	10.901	136	73353	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	59323	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	160384	20.000	ng	-0.01
76) Chrysene-d12	21.739	240	174909	20.000	ng	# 0.00
86) Perylene-d12	25.017	264	181796	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	65616	61.423	ng	-0.01
7) Phenol-d6	7.253	99	57203	35.283	ng	0.00
23) Nitrobenzene-d5	9.250	82	164893	95.691	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	128077	146.383	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	370750	91.325	ng	0.00
79) Terphenyl-d14	20.059	244	758241	80.739	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.250	70	23215	19.957	ng	# 78
51) 2,6-Dinitrotoluene	14.714	165	7994	8.704	ng	# 16
57) 2,4-Dinitrotoluene	14.714	165	7994	6.005	ng	# 21
67) 4-Bromophenyl-phenylether	16.206	248	8205	4.380	ng	# 1
77) Benzidine	20.059	184	12378	3.283	ng	# 88

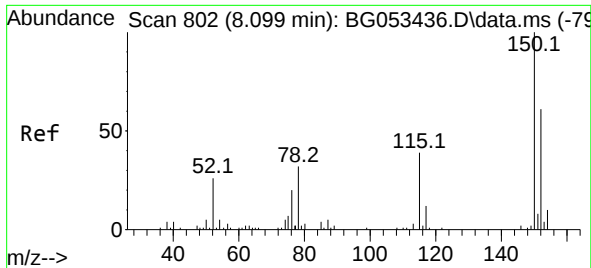
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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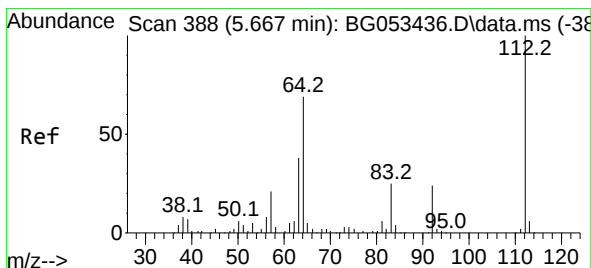
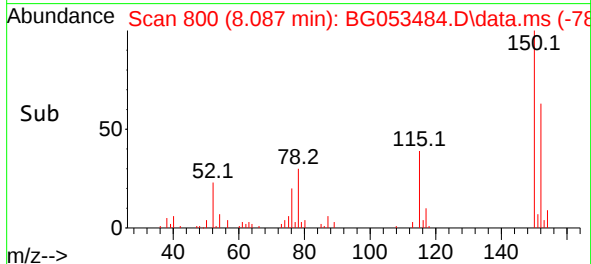
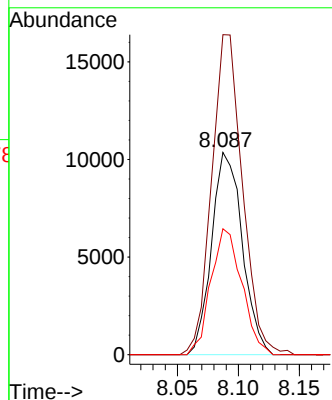
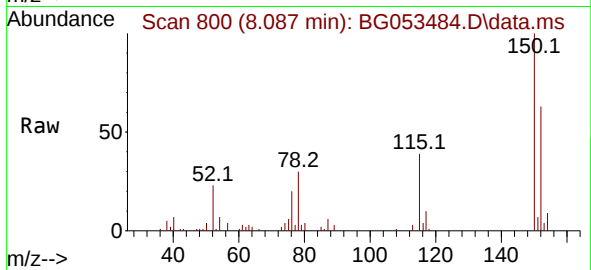




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

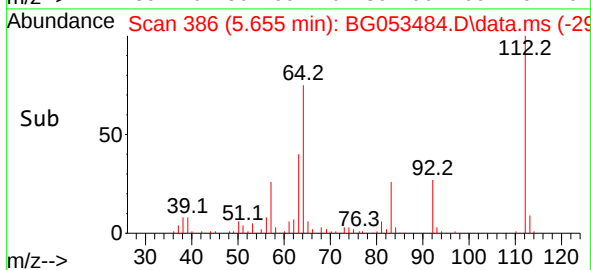
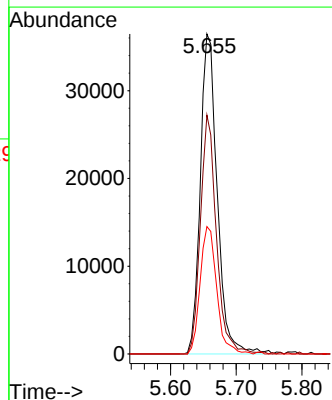
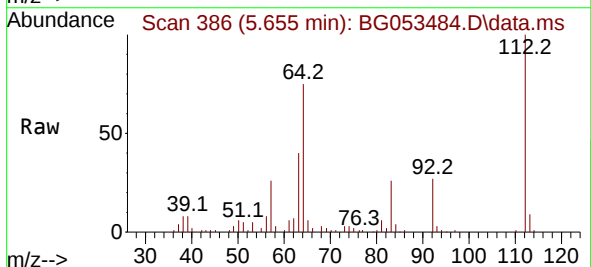
Instrument :
BNA_G
ClientSampleId :
B4-GW

Tgt Ion:152 Resp: 18130
Ion Ratio Lower Upper
152 100
150 158.2 131.6 197.4
115 62.2 50.9 76.3



#5
2-Fluorophenol
Concen: 61.423 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion:112 Resp: 65616
Ion Ratio Lower Upper
112 100
64 74.7 55.1 82.7
63 39.8 30.4 45.6

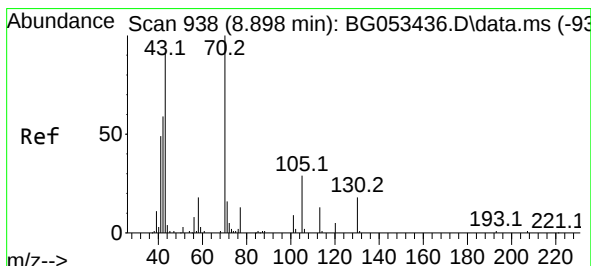
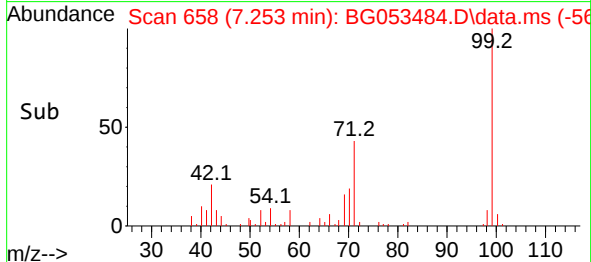
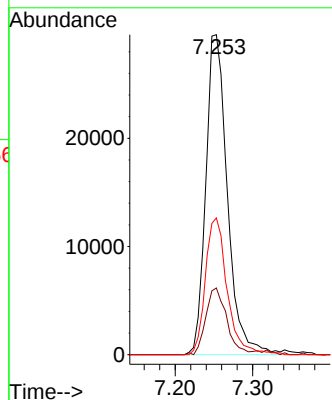
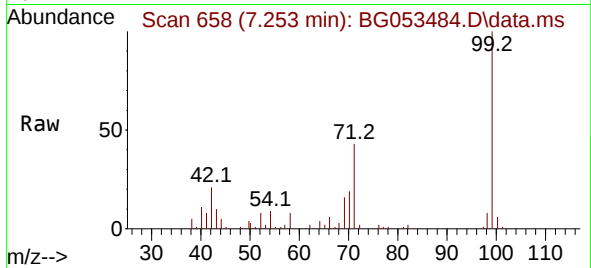




#7
Phenol-d6
Concen: 35.283 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

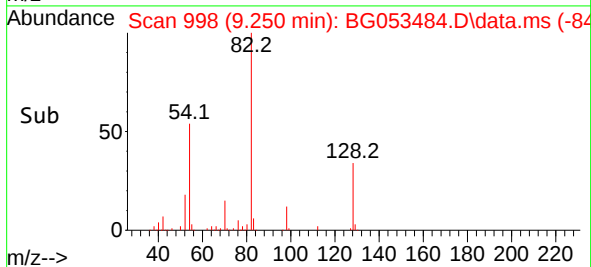
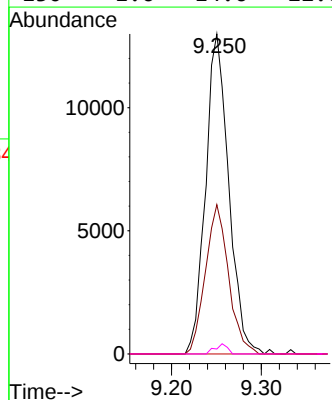
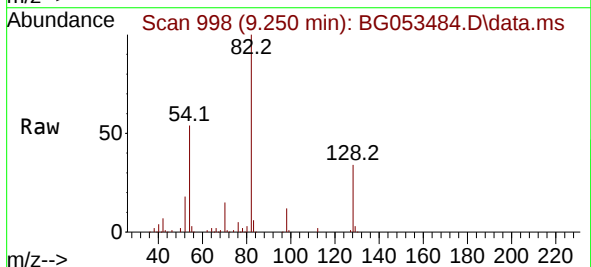
Instrument :
BNA_G
ClientSampleId :
B4-GW

Tgt Ion: 99 Resp: 57203
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.957 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.353 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion: 70 Resp: 23215
Ion Ratio Lower Upper
70 100
42 46.6 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.901 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG053484.D

Acq: 6 May 2022 21:27

Instrument :

BNA_G

ClientSampleId :

B4-GW

Tgt Ion:136 Resp: 73353

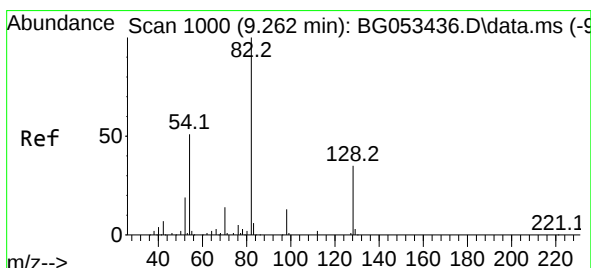
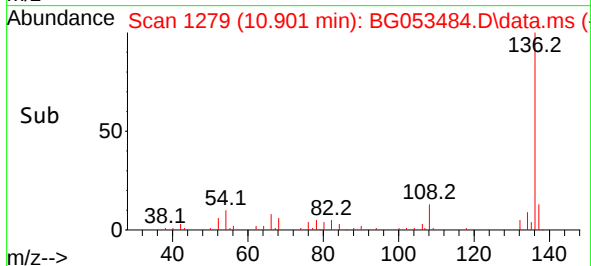
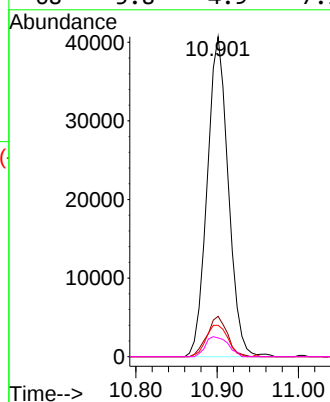
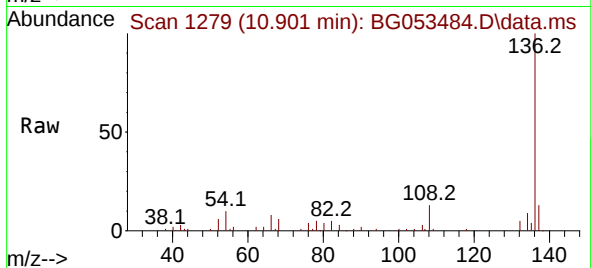
Ion Ratio Lower Upper

136 100

137 12.6 8.5 12.7

54 9.8 7.4 11.2

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 95.691 ng

RT: 9.250 min Scan# 998

Delta R.T. -0.012 min

Lab File: BG053484.D

Acq: 6 May 2022 21:27

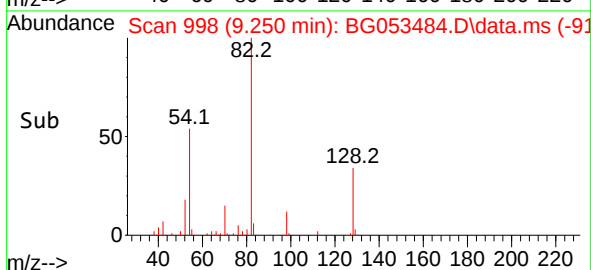
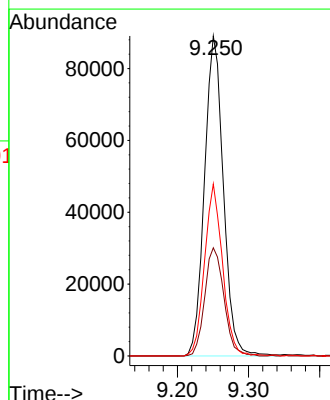
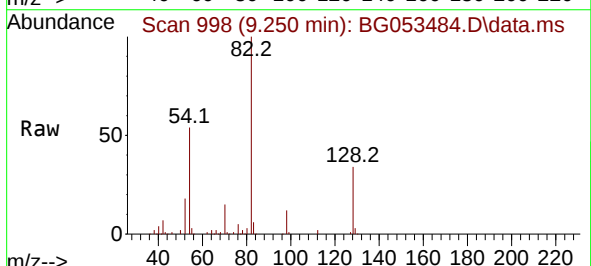
Tgt Ion: 82 Resp: 164893

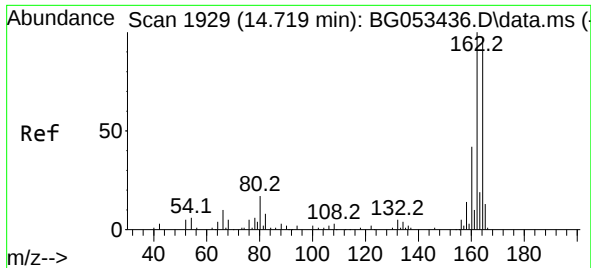
Ion Ratio Lower Upper

82 100

128 33.8 27.9 41.9

54 53.7 41.2 61.8

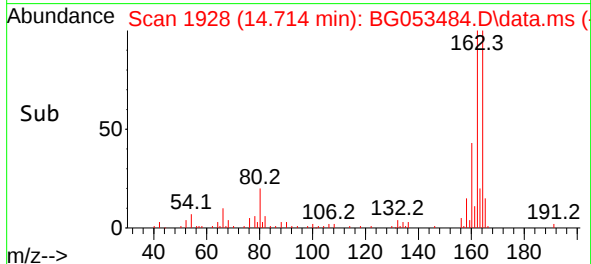
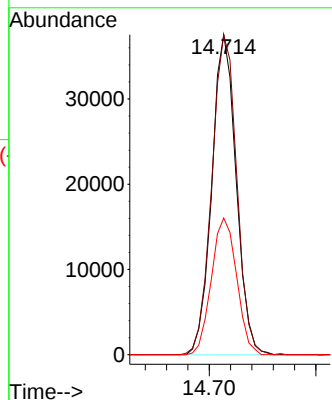
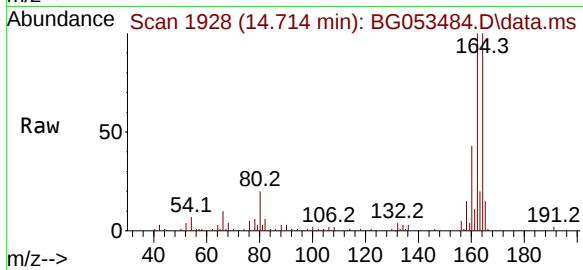




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

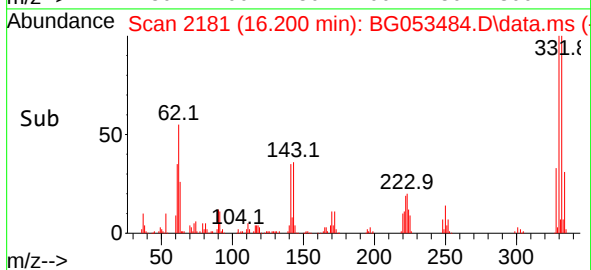
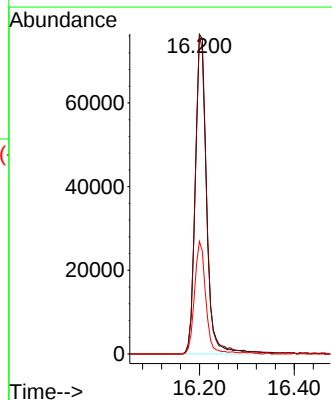
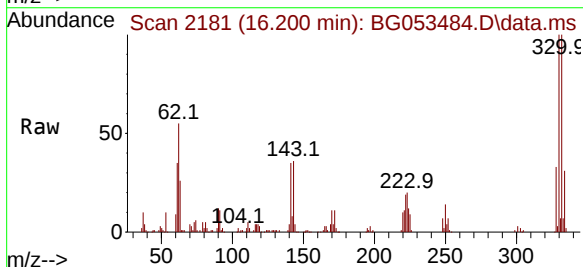
Instrument :
BNA_G
ClientSampleId :
B4-GW

Tgt Ion:164 Resp: 59323
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 42.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 146.383 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion:330 Resp: 128077
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 34.7 27.1 40.7

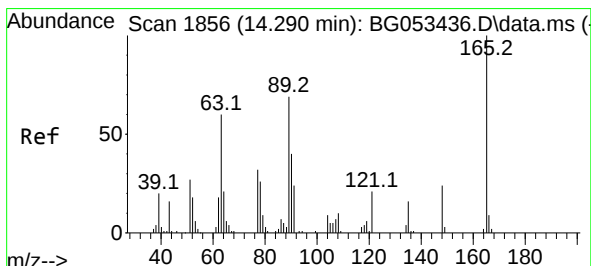
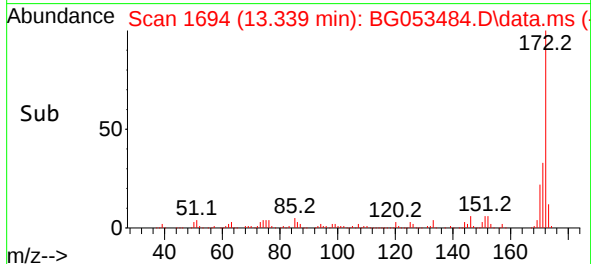
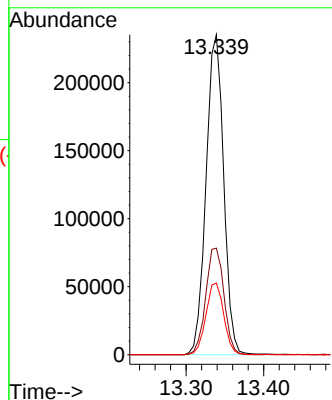
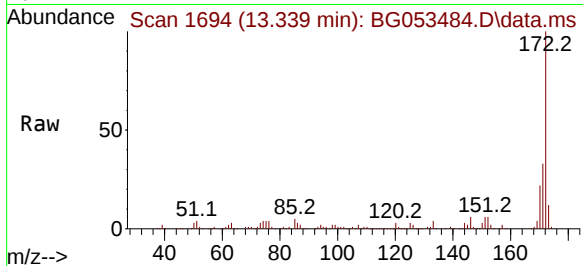




#45
2-Fluorobiphenyl
Concen: 91.325 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

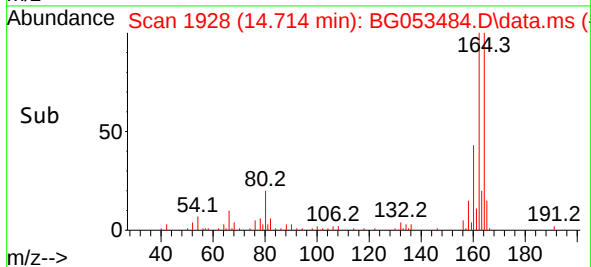
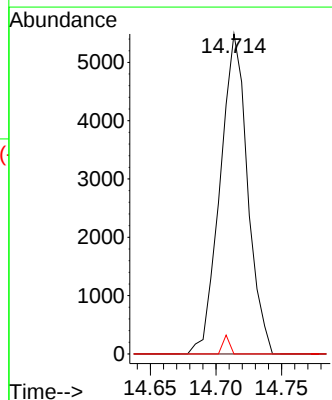
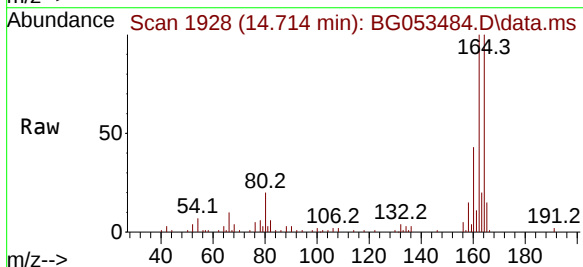
Instrument :
BNA_G
ClientSampleId :
B4-GW

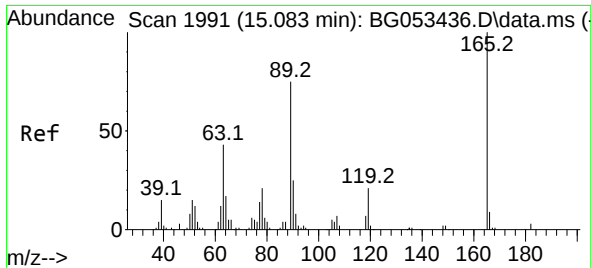
Tgt Ion:172 Resp: 370750
Ion Ratio Lower Upper
172 100
171 33.3 28.5 42.7
170 22.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.704 ng
RT: 14.714 min Scan# 1928
Delta R.T. 0.423 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion:165 Resp: 7994
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

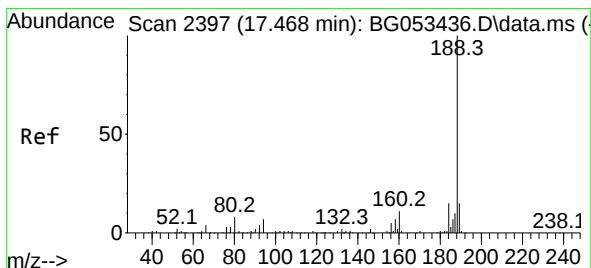
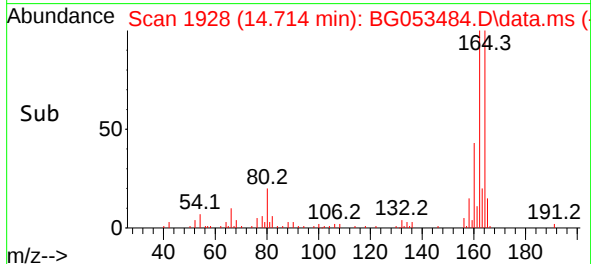
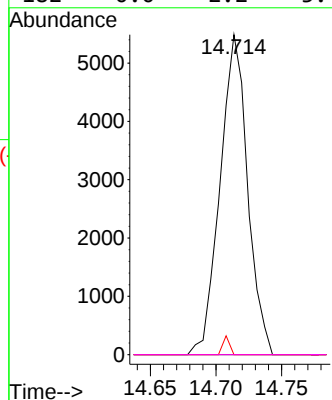
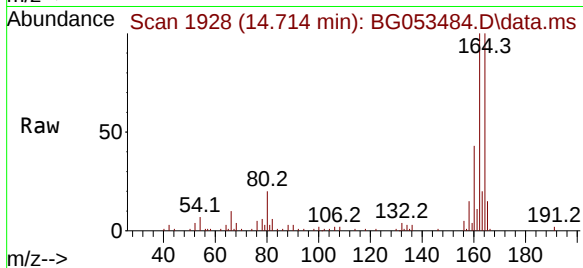




#57
2,4-Dinitrotoluene
Concen: 6.005 ng
RT: 14.714 min Scan# 1991
Delta R.T. -0.370 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

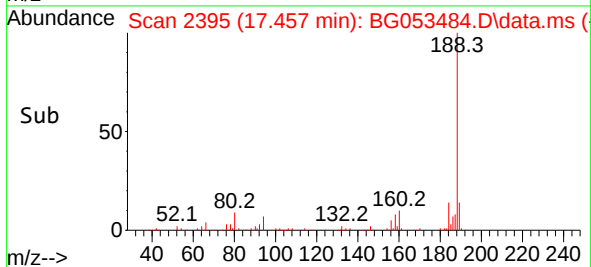
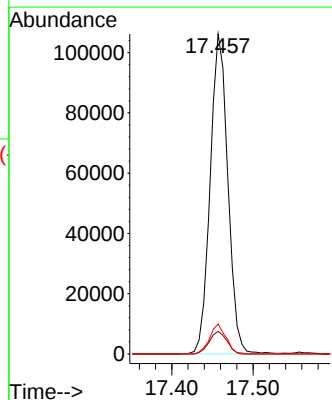
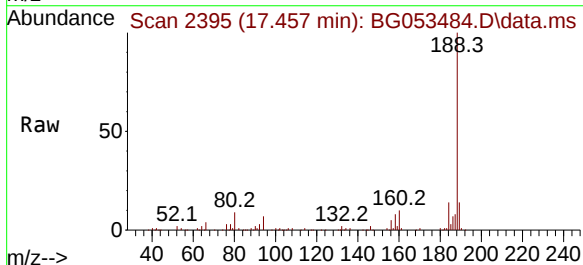
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ClientSampleId :
B4-GW

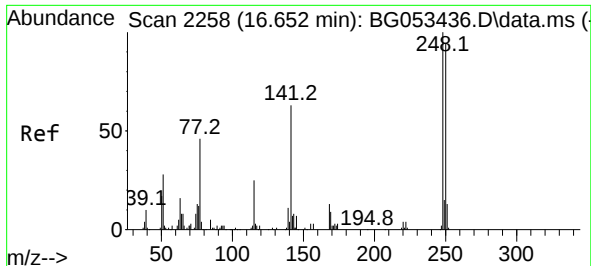
Tgt Ion:165 Resp: 7994
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion:188 Resp: 160384
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 9.4 6.8 10.2

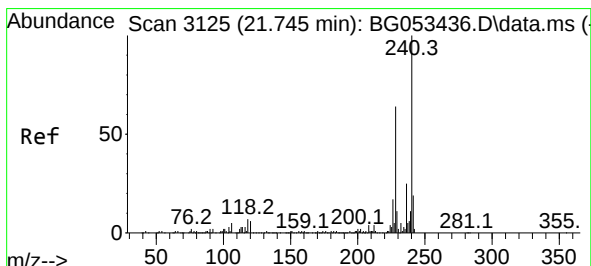
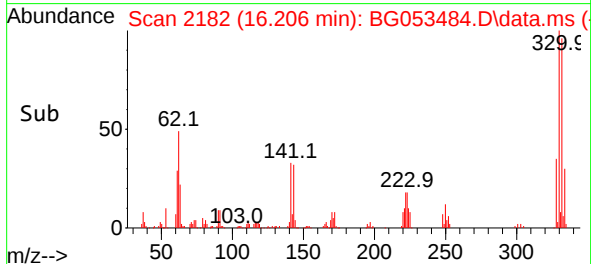
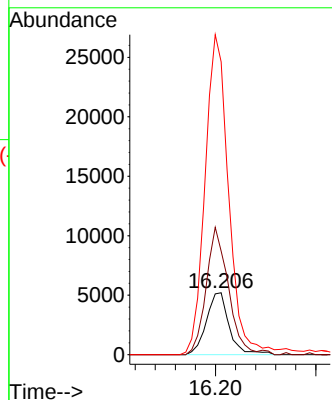
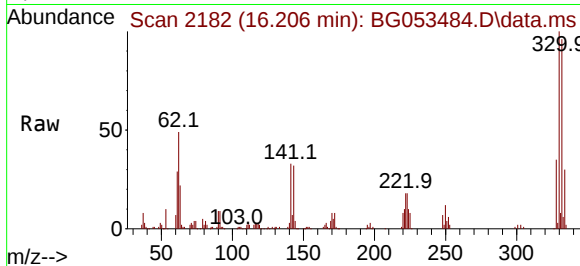




#67
4-Bromophenyl-phenylether
Concen: 4.380 ng
RT: 16.206 min Scan# 2182
Delta R.T. -0.446 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

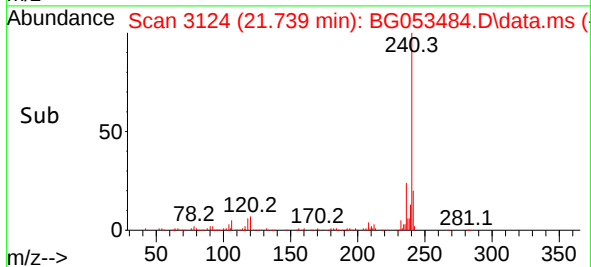
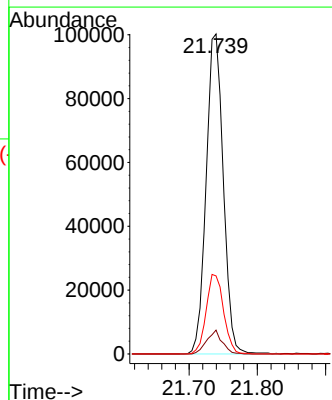
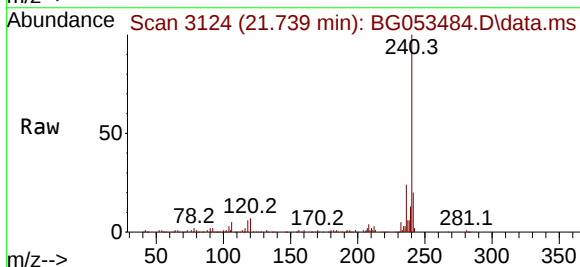
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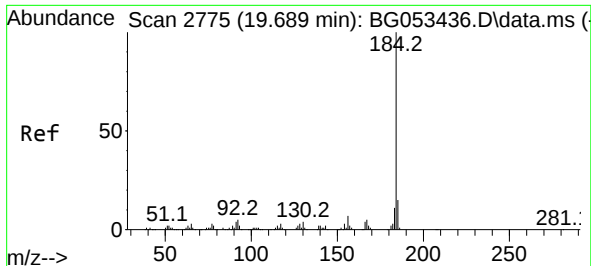
Tgt Ion:248 Resp: 8205
Ion Ratio Lower Upper
248 100
250 167.1 75.2 112.8#
141 472.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion:240 Resp: 174909
Ion Ratio Lower Upper
240 100
120 7.5 4.6 7.0#
236 24.4 20.2 30.4

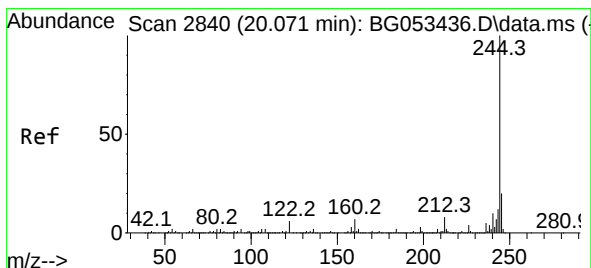
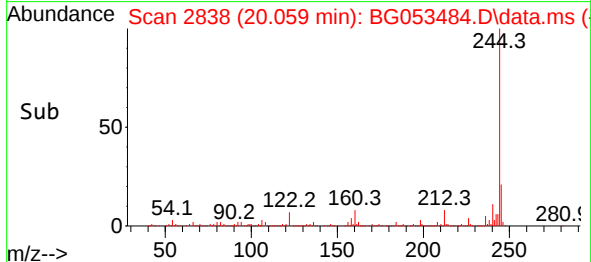
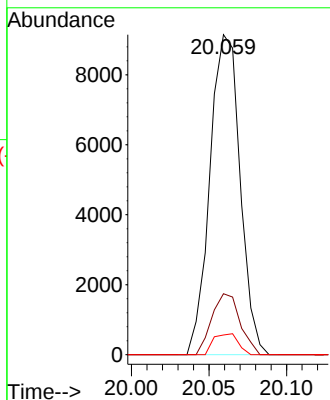
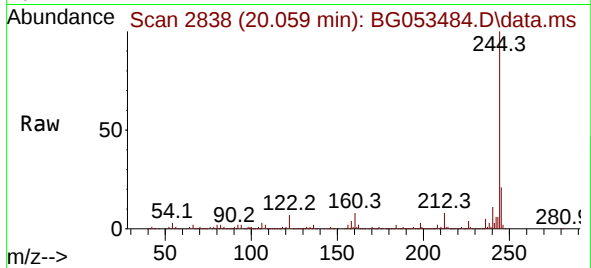




#77
Benzidine
Concen: 3.283 ng
RT: 20.059 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

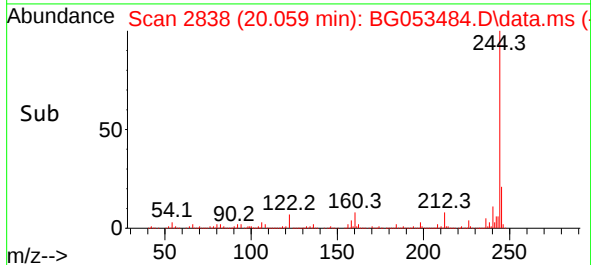
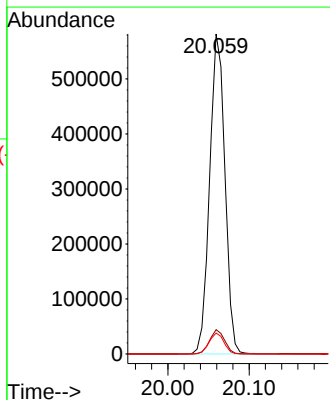
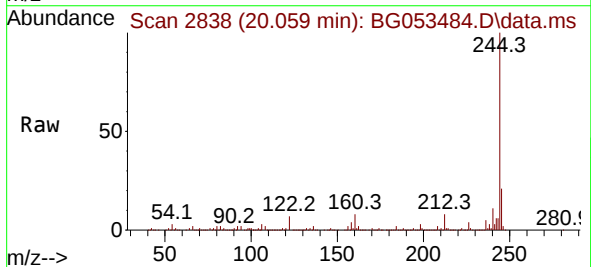
Instrument :
BNA_G
ClientSampleId :
B4-GW

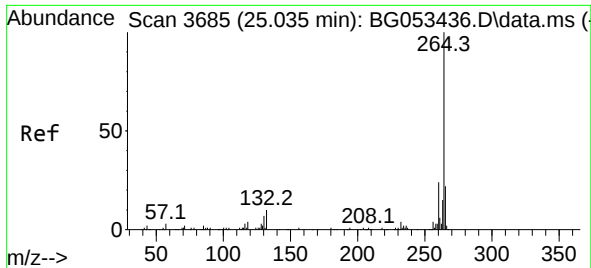
Tgt Ion:184 Resp: 12378
Ion Ratio Lower Upper
184 100
185 19.1 11.8 17.6#
183 6.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 80.739 ng
RT: 20.059 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BG053484.D
Acq: 6 May 2022 21:27

Tgt Ion:244 Resp: 758241
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 30
 Delta R.T. -0.017 min
 Lab File: BG053484.D
 Acq: 6 May 2022 21:27

Instrument :
 BNA_G
 ClientSampleId :
 B4-GW

Tgt Ion:264 Resp: 181796
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.5 17.4 26.2

