

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053476.D
 Acq On : 6 May 2022 16:14
 Operator : CG/JU
 Sample : N2680-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-GW

Quant Time: May 06 22:52:49 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

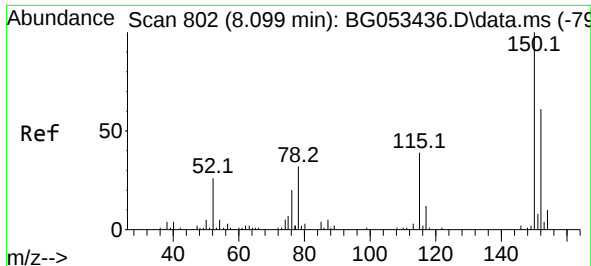
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	20528	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	81364	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	68213	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	186763	20.000	ng	0.00
76) Chrysene-d12	21.737	240	205660	20.000	ng	0.00
86) Perylene-d12	25.015	264	205084	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	67068	55.448	ng	-0.01
7) Phenol-d6	7.250	99	61847	33.691	ng	0.00
23) Nitrobenzene-d5	9.254	82	163125	85.345	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	132408	131.610	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	378700	81.126	ng	0.00
79) Terphenyl-d14	20.063	244	862110	78.073	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	21905	16.631	ng	# 81
51) 2,6-Dinitrotoluene	14.711	165	8923	8.449	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8923	5.829	ng	# 21
67) 4-Bromophenyl-phenylether	16.203	248	8989	4.121	ng	# 1

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

Quant Time: May 06 22:52:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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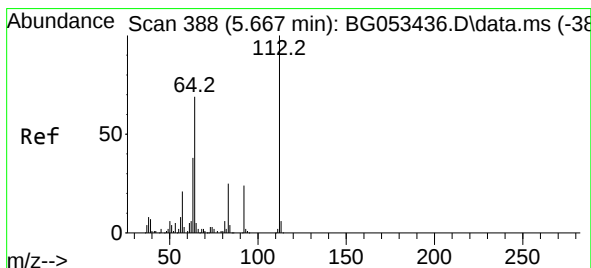
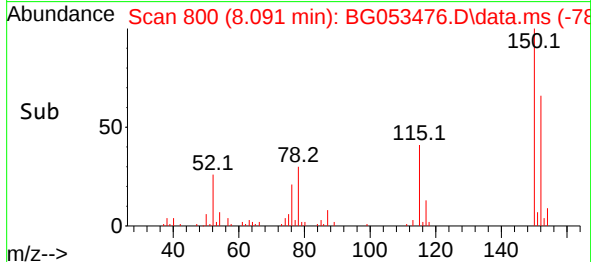
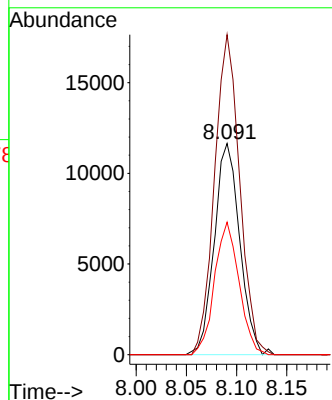
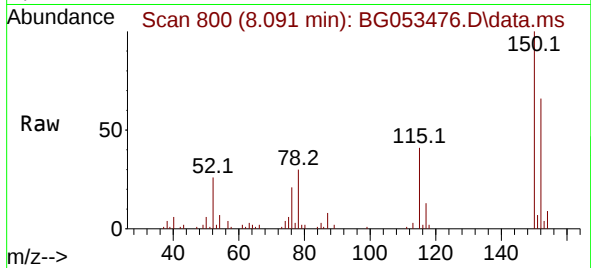




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

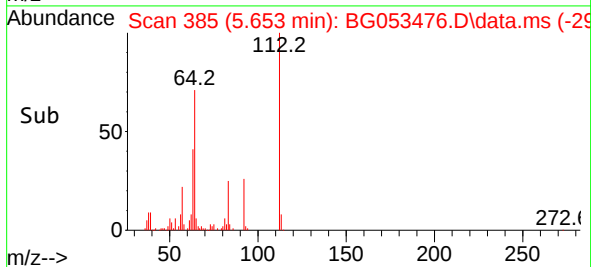
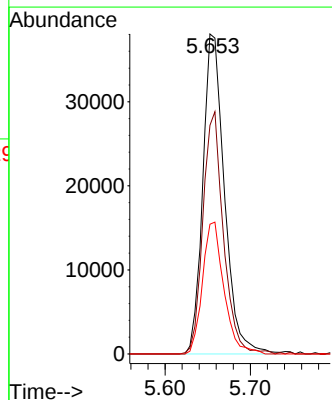
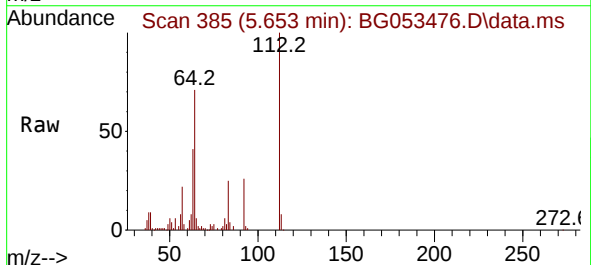
Instrument :
BNA_G
ClientSampleId :
B1-GW

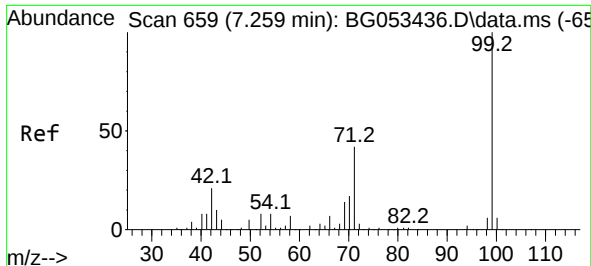
Tgt Ion:152 Resp: 20528
Ion Ratio Lower Upper
152 100
150 151.5 131.6 197.4
115 62.7 50.9 76.3



#5
2-Fluorophenol
Concen: 55.448 ng
RT: 5.653 min Scan# 385
Delta R.T. -0.014 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:112 Resp: 67068
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 40.5 30.4 45.6

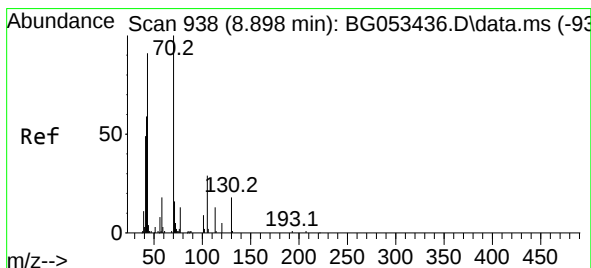
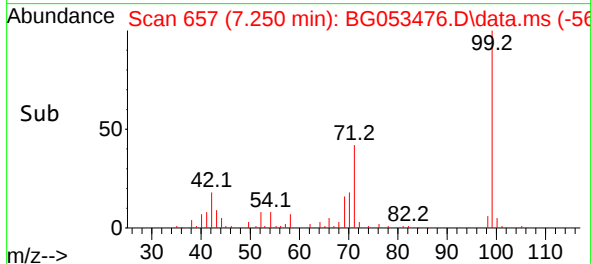
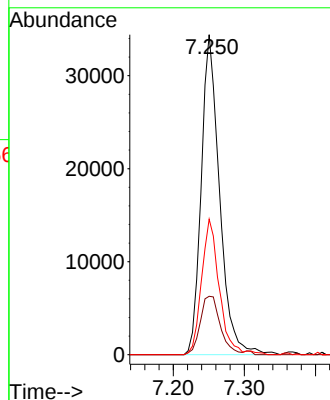
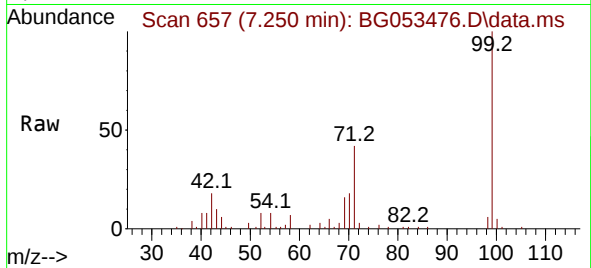




#7
Phenol-d6
Concen: 33.691 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

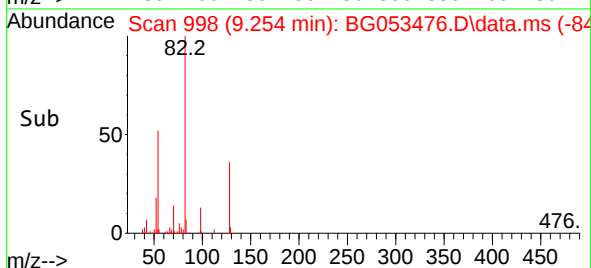
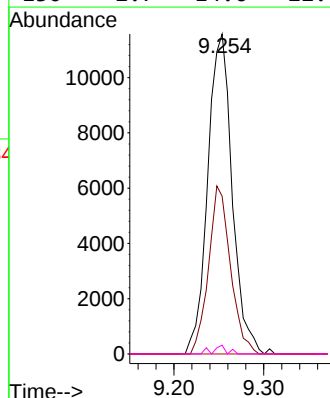
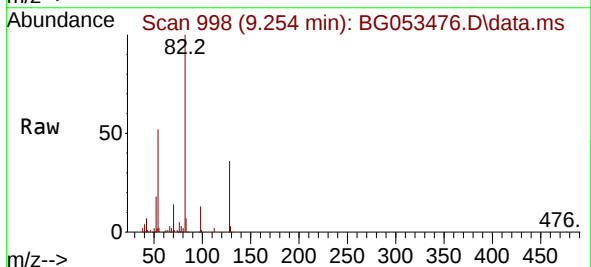
Instrument :
BNA_G
ClientSampleId :
B1-GW

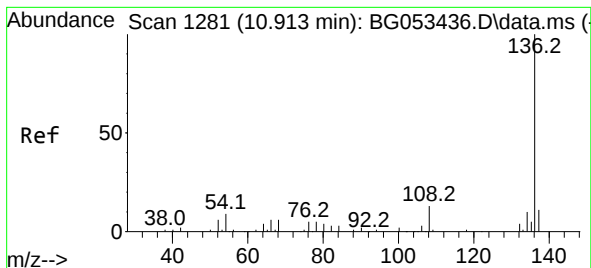
Tgt Ion: 99 Resp: 61847
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 42.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.631 ng
RT: 9.254 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion: 70 Resp: 21905
Ion Ratio Lower Upper
70 100
42 49.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.898 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG053476.D

Acq: 6 May 2022 16:14

Instrument :

BNA_G

ClientSampleId :

B1-GW

Tgt Ion:136 Resp: 81364

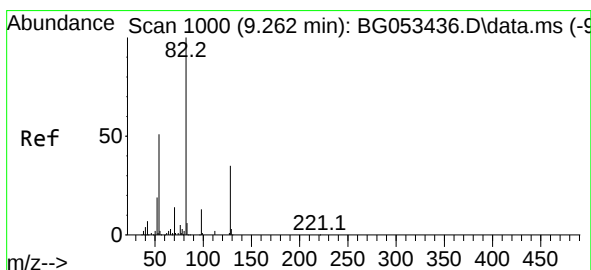
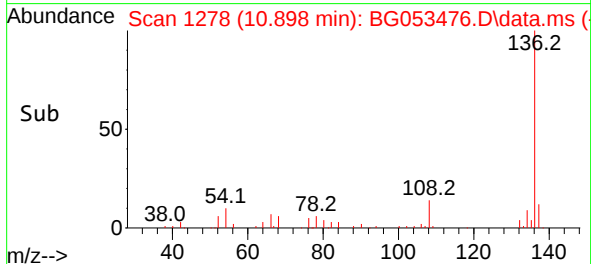
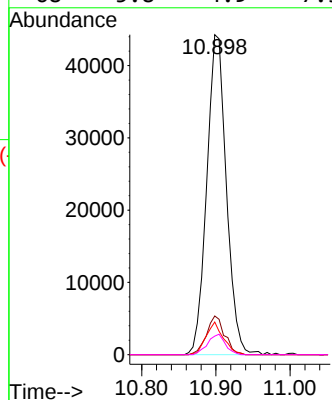
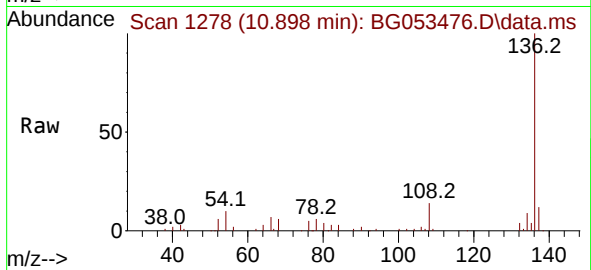
Ion Ratio Lower Upper

136 100

137 12.1 8.5 12.7

54 10.2 7.4 11.2

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 85.345 ng

RT: 9.254 min Scan# 998

Delta R.T. -0.008 min

Lab File: BG053476.D

Acq: 6 May 2022 16:14

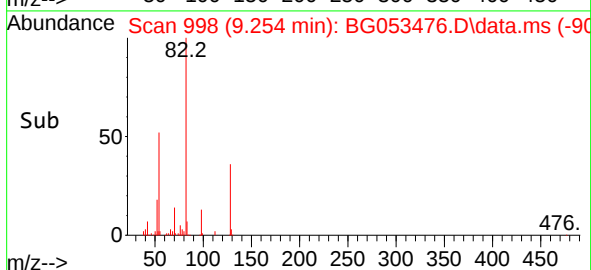
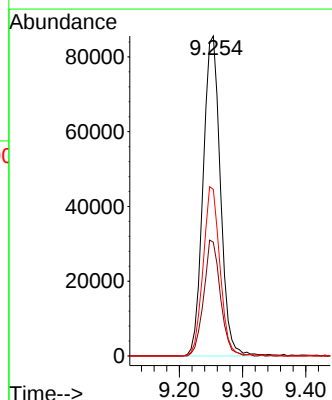
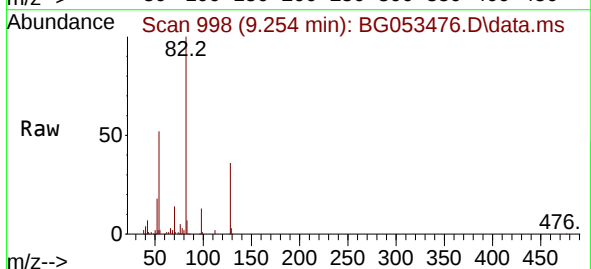
Tgt Ion: 82 Resp: 163125

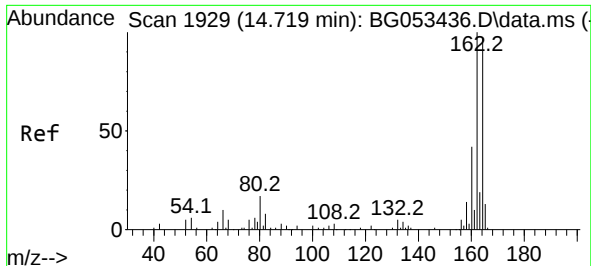
Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

54 52.1 41.2 61.8

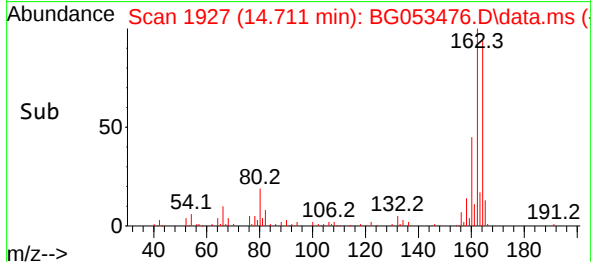
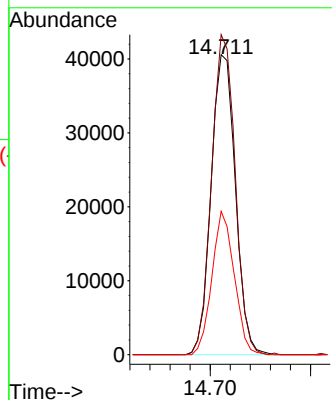
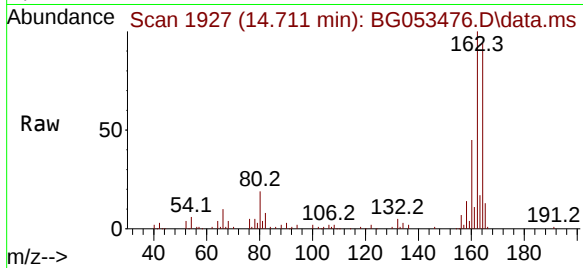




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

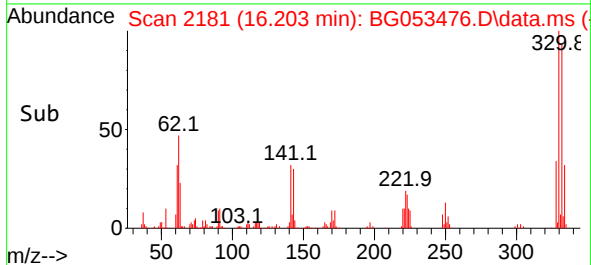
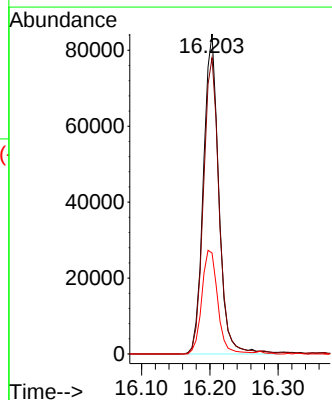
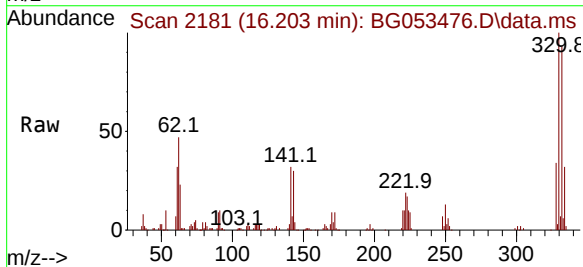
Instrument :
BNA_G
ClientSampleId :
B1-GW

Tgt Ion:164 Resp: 68213
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 47.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 131.610 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:330 Resp: 132408
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 33.5 27.1 40.7

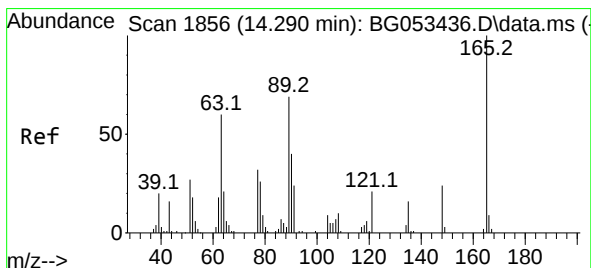
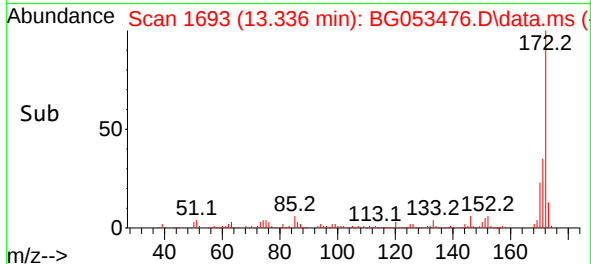
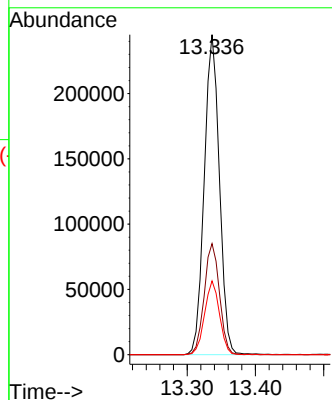
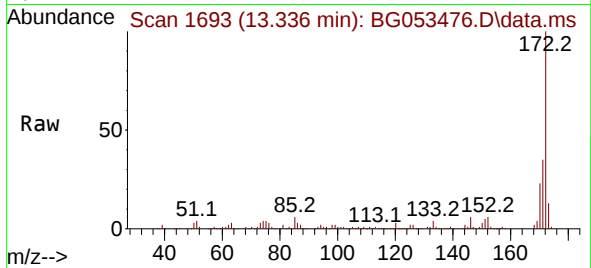




#45
2-Fluorobiphenyl
Concen: 81.126 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

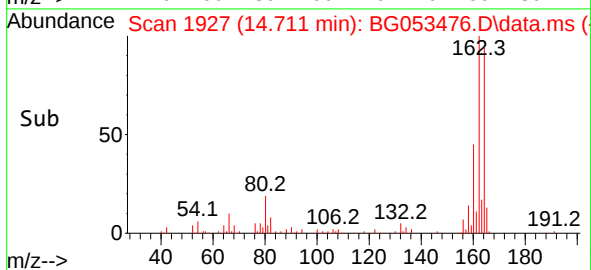
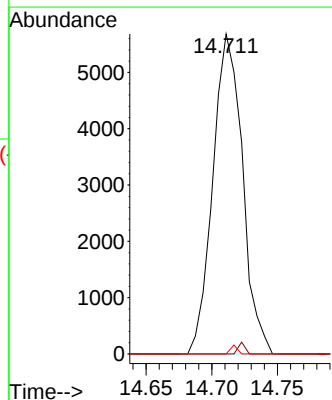
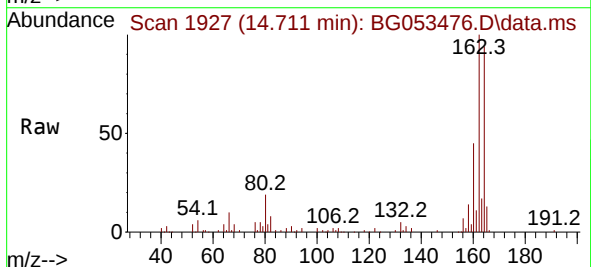
Instrument :
BNA_G
ClientSampleId :
B1-GW

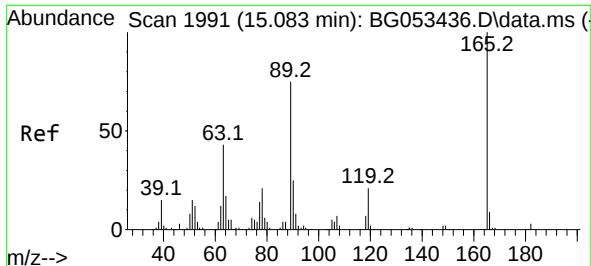
Tgt Ion:172 Resp: 378700
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.421 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:165 Resp: 8923
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

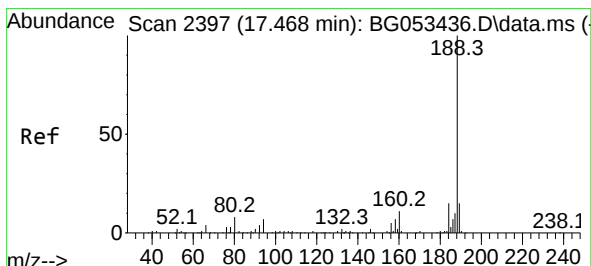
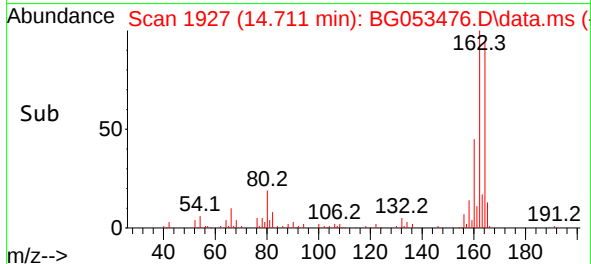
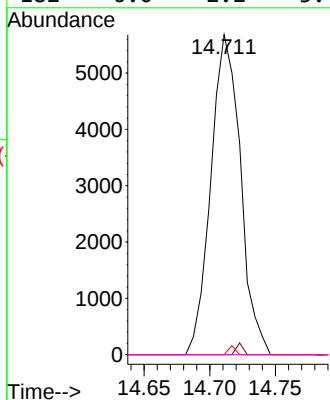
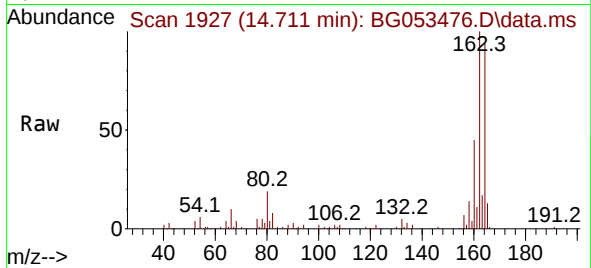




#57
2,4-Dinitrotoluene
Concen: 5.829 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.372 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

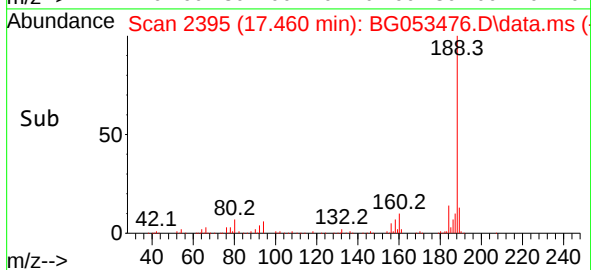
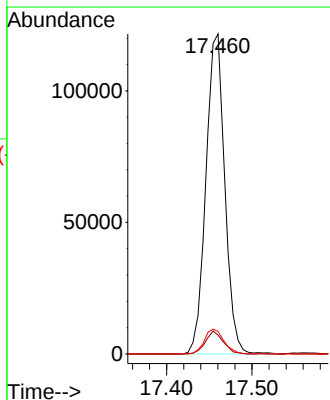
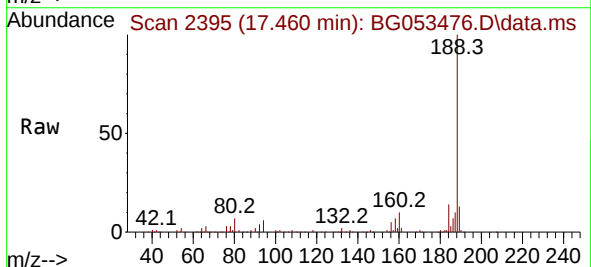
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BNA_G
ClientSampleId :
B1-GW

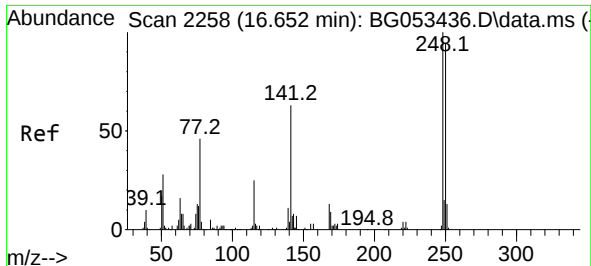
Tgt Ion:165 Resp: 8923
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:188 Resp: 186763
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.0 6.8 10.2

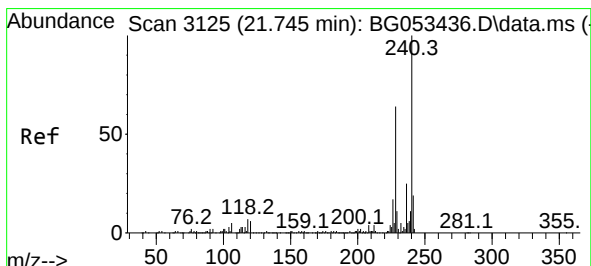
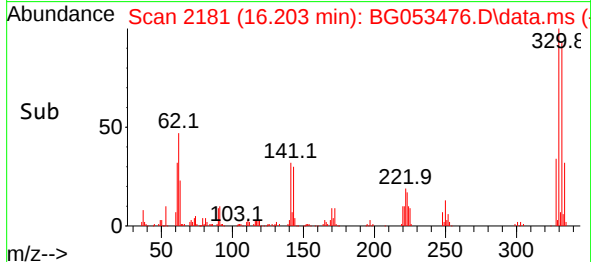
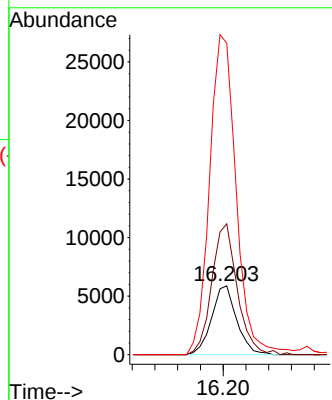
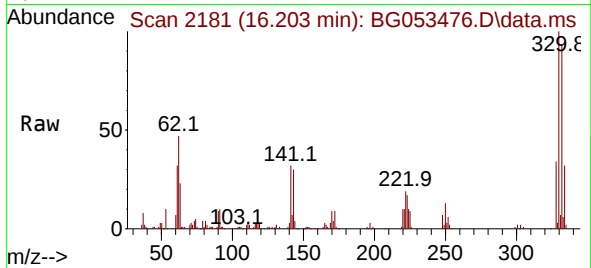




#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.449 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

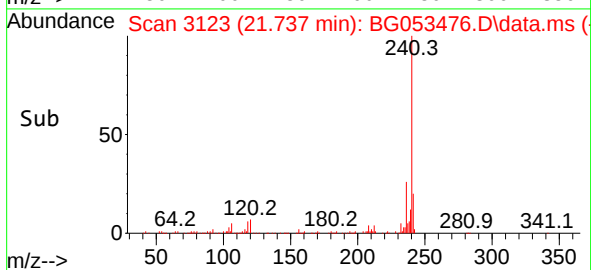
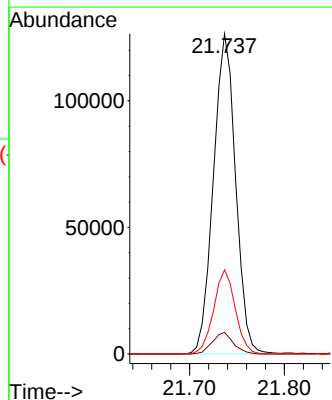
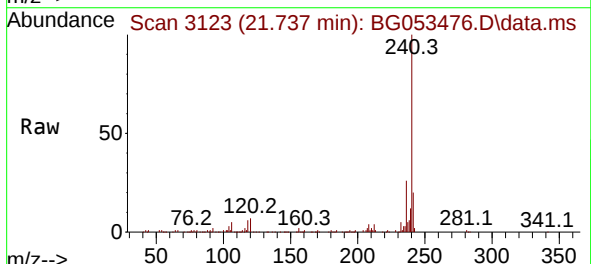
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B1-GW

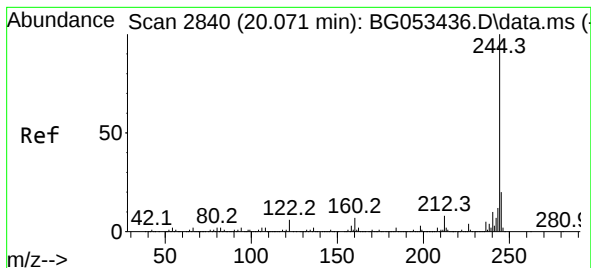
Tgt Ion:248 Resp: 8989
Ion Ratio Lower Upper
248 100
250 190.2 75.2 112.8#
141 452.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:240 Resp: 205660
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.3 20.2 30.4





#79

Terphenyl-d14

Concen: 78.073 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053476.D

Acq: 6 May 2022 16:14

Instrument :

BNA_G

ClientSampleId :

B1-GW

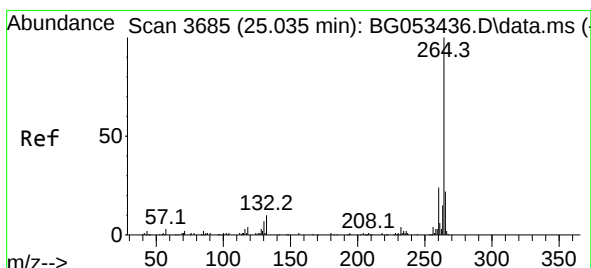
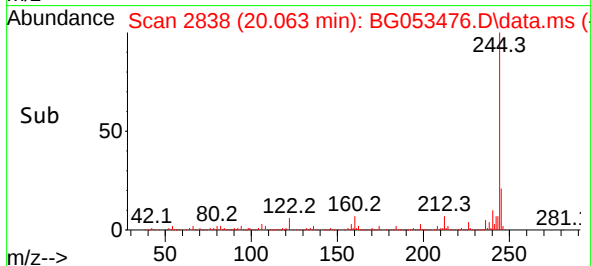
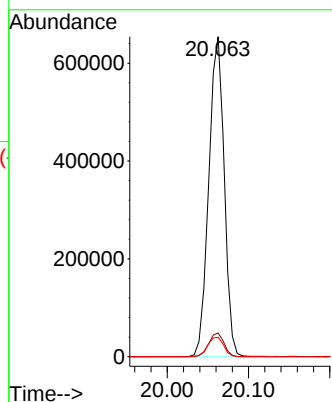
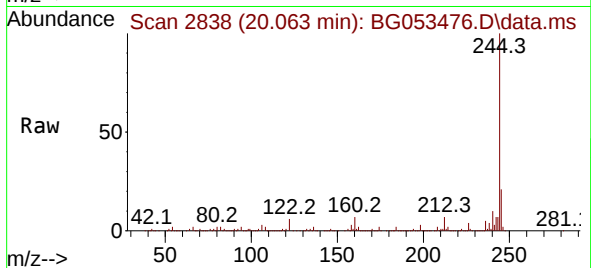
Tgt Ion:244 Resp: 862110

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 6.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3681

Delta R.T. -0.020 min

Lab File: BG053476.D

Acq: 6 May 2022 16:14

Tgt Ion:264 Resp: 205084

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.6

265 21.2 17.4 26.2

