

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053878.D
 Acq On : 10 Jun 2022 16:58
 Operator : CG/JU
 Sample : N3266-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OH-WATER-0608

Quant Time: Jun 10 17:36:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

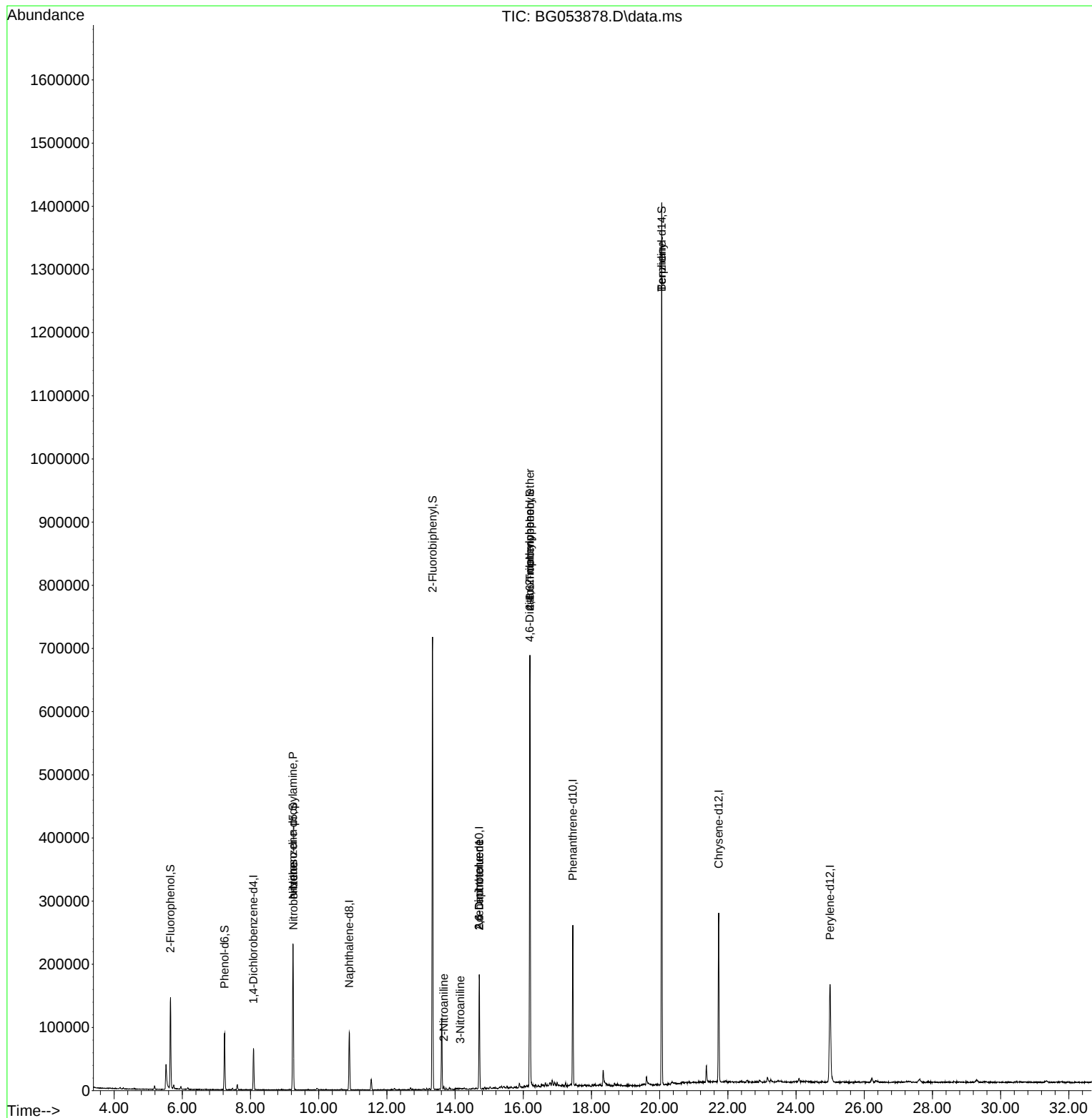
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	20961	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	86610	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	68692	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	176500	20.000	ng	0.00
76) Chrysene-d12	21.731	240	187195	20.000	ng	0.00
86) Perylene-d12	24.998	264	193565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	68218	59.764	ng	0.00
7) Phenol-d6	7.242	99	56502	36.542	ng	0.00
23) Nitrobenzene-d5	9.245	82	149903	113.657	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	168376	201.932	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	428925	93.413	ng	0.00
79) Terphenyl-d14	20.062	244	787994	83.744	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	20550	18.765	ng	# 80
24) Nitrobenzene	9.257	77	416	3.238	ng	# 48
48) 2-Nitroaniline	13.670	65	126	5.157	ng	# 10
51) 2,6-Dinitrotoluene	14.710	165	9331	13.508	ng	# 19
53) 3-Nitroaniline	14.151	138	1236	4.947	ng	# 1
57) 2,4-Dinitrotoluene	14.710	165	9331	11.290	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.190	198	323	6.025	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	10966	5.718	ng	# 1
77) Benzidine	20.062	184	10363	2.264	ng	# 95

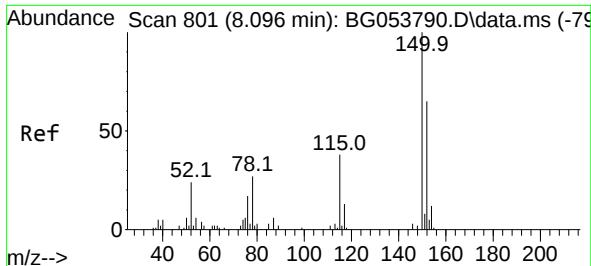
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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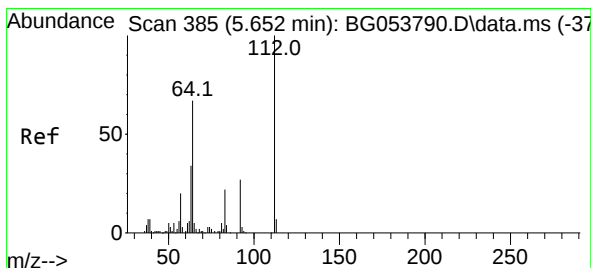
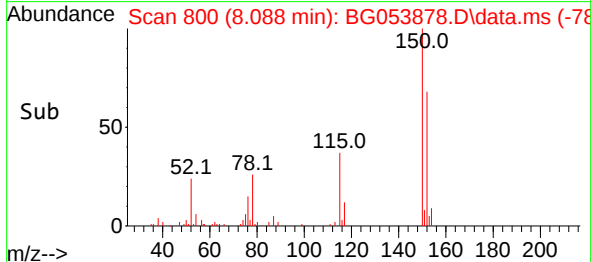
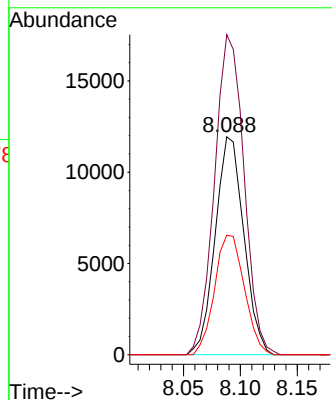
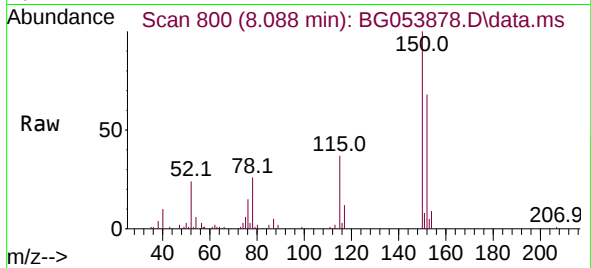




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

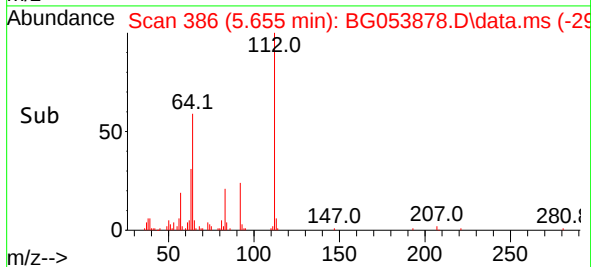
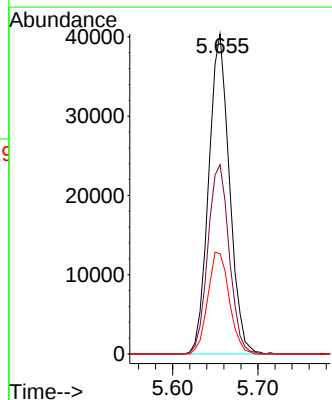
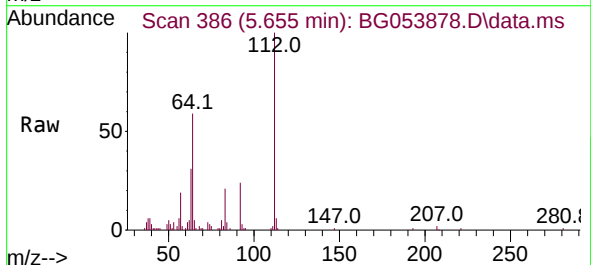
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

Tgt Ion:152 Resp: 20961
Ion Ratio Lower Upper
152 100
150 146.9 131.6 197.4
115 54.9 50.9 76.3



#5
2-Fluorophenol
Concen: 59.764 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:112 Resp: 68218
Ion Ratio Lower Upper
112 100
64 59.2 55.1 82.7
63 31.3 30.4 45.6

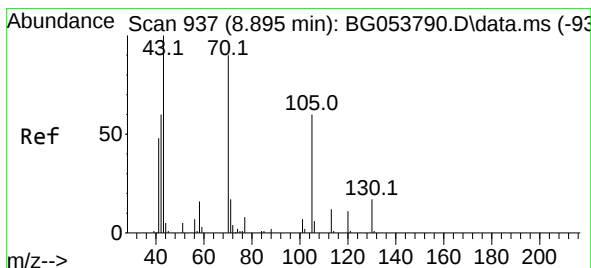
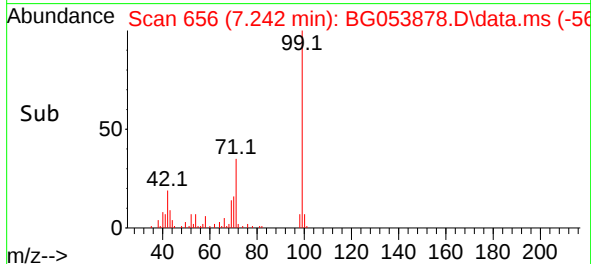
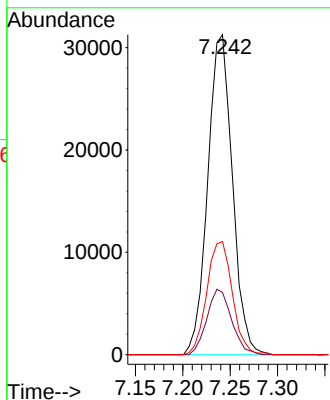
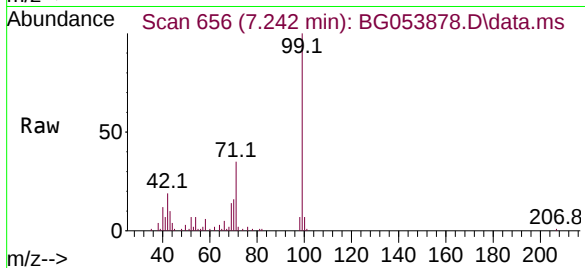




#7
Phenol-d6
Concen: 36.542 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

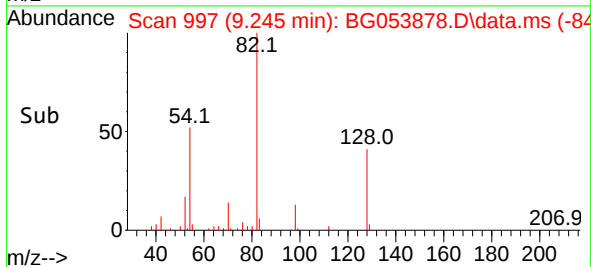
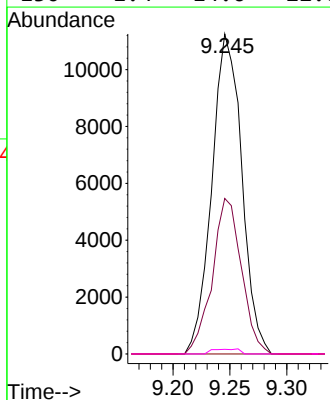
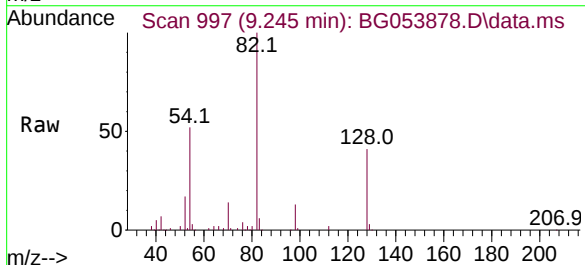
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

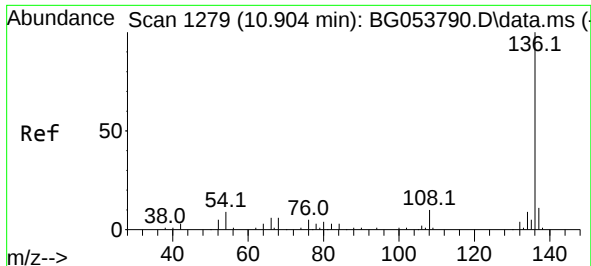
Tgt Ion:	99	Resp:	56502
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.0	25.6
71	35.4	33.8	50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.765 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:	70	Resp:	20550
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.3	70.9
101	0.0	7.0	10.4#
130	1.4	14.6	22.0#

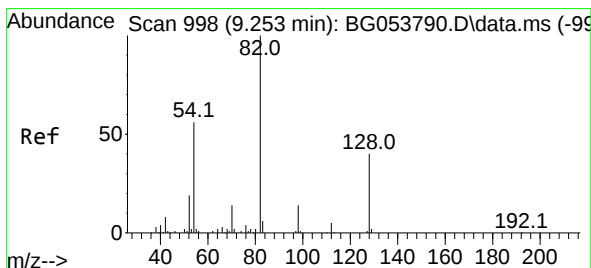
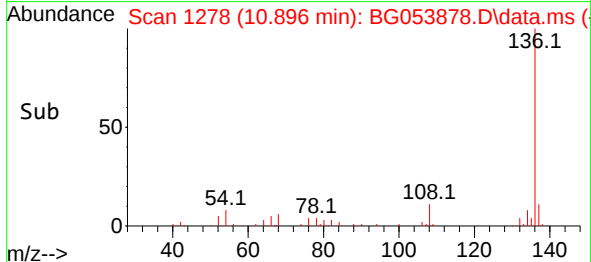
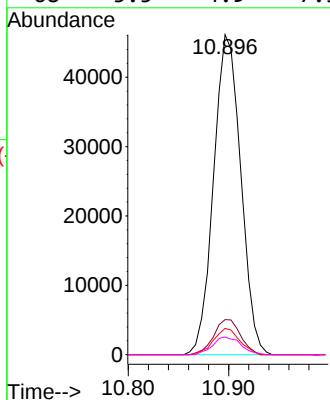
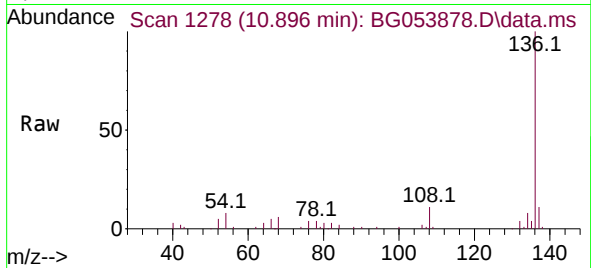




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

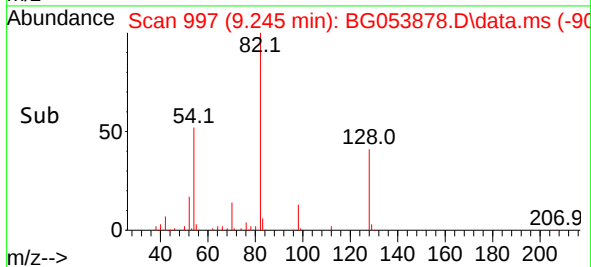
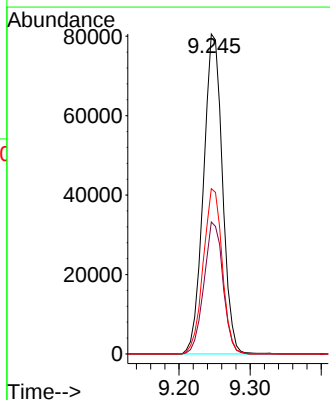
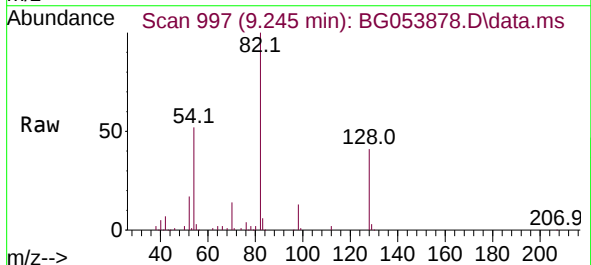
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

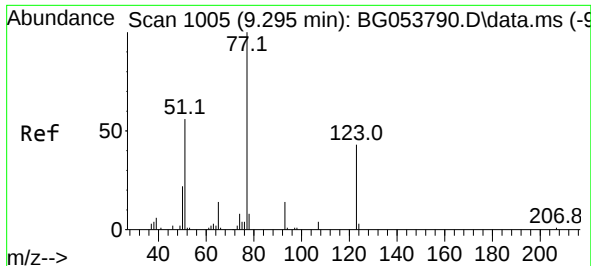
Tgt Ion:	136	Resp:	86610
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.2	7.4	11.2
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 113.657 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:	82	Resp:	149903
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	51.7	41.2	61.8

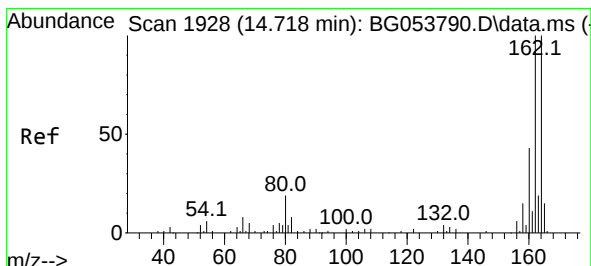
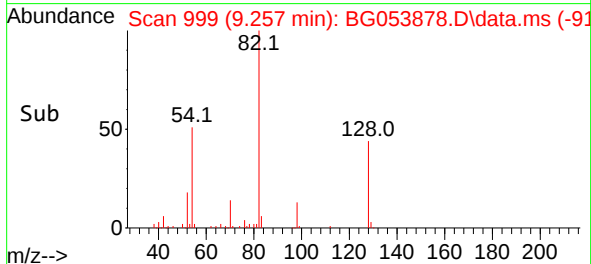
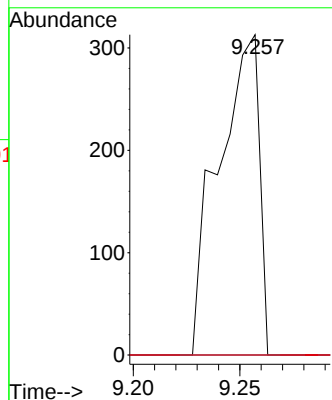
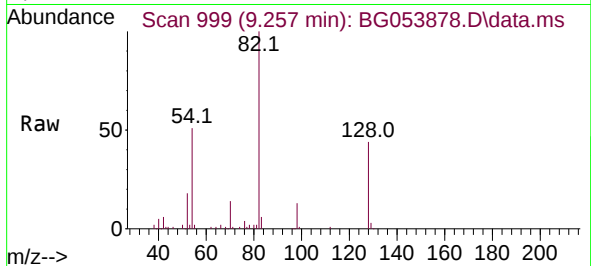




#24
Nitrobenzene
Concen: 3.238 ng
RT: 9.257 min Scan# 91
Delta R.T. -0.038 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

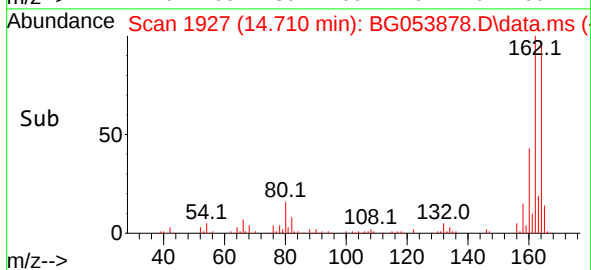
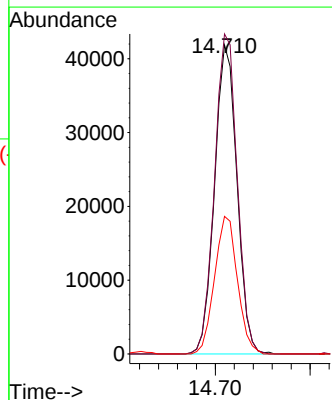
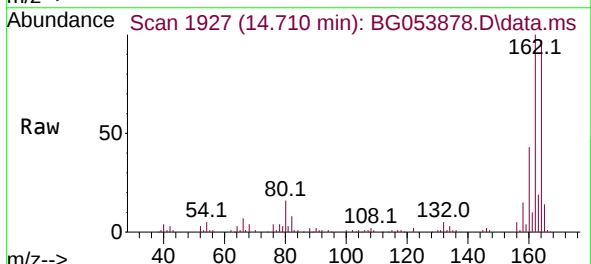
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

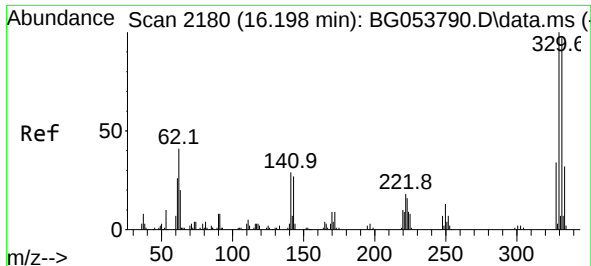
Tgt Ion: 77 Resp: 416
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

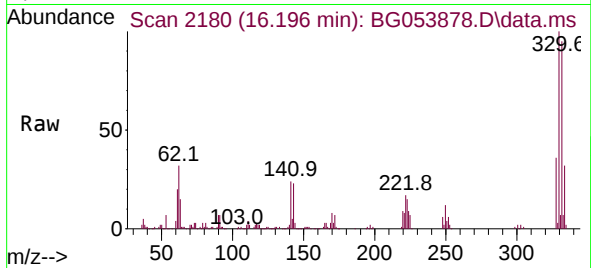
Tgt Ion: 164 Resp: 68692
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 44.5 34.2 51.2



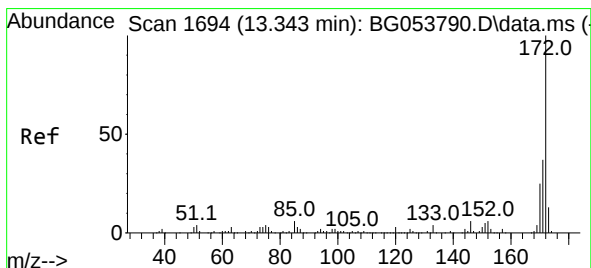
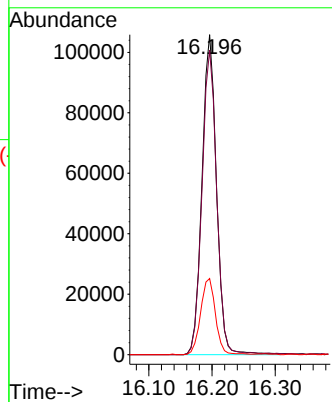
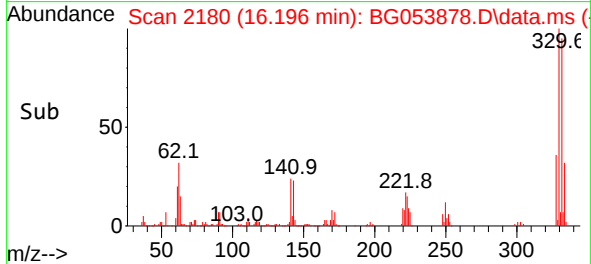


#42
2,4,6-Tribromophenol
Concen: 201.932 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

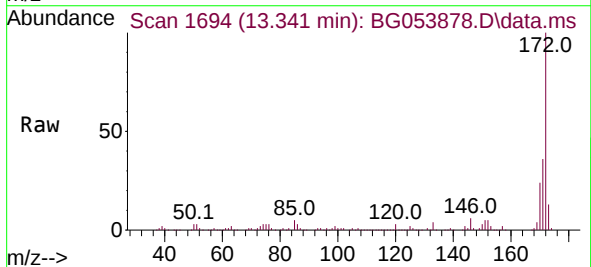
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BNA_G
ClientSampleId :
OH-WATER-0608



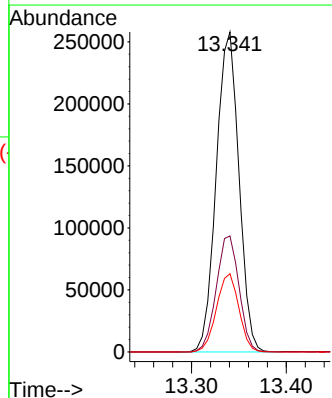
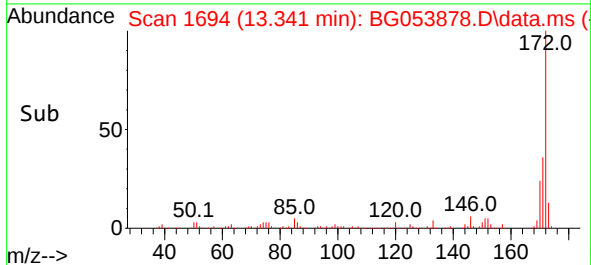
Tgt Ion:330 Resp: 168376
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 24.4 27.1 40.7#

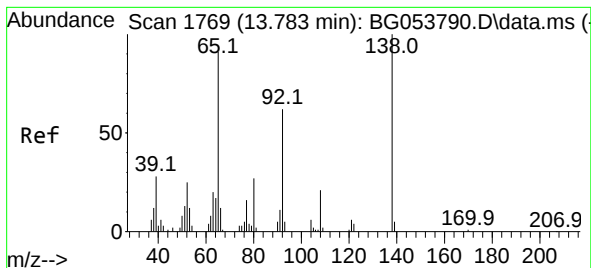


#45
2-Fluorobiphenyl
Concen: 93.413 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58



Tgt Ion:172 Resp: 428925
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.5 18.9 28.3





#48

2-Nitroaniline

Concen: 5.157 ng

RT: 13.670 min Scan# 1

Delta R.T. -0.113 min

Lab File: BG053878.D

Acq: 10 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

OH-WATER-0608

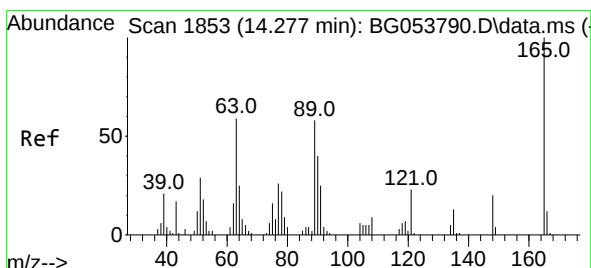
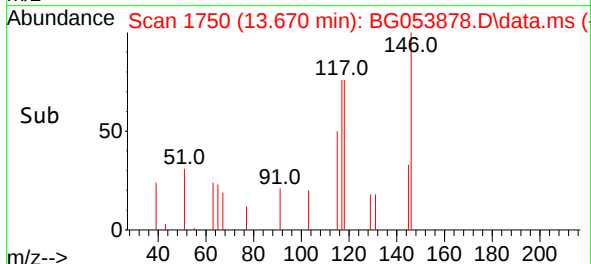
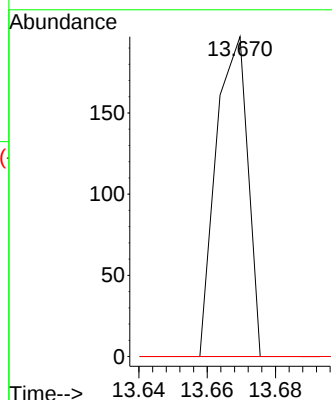
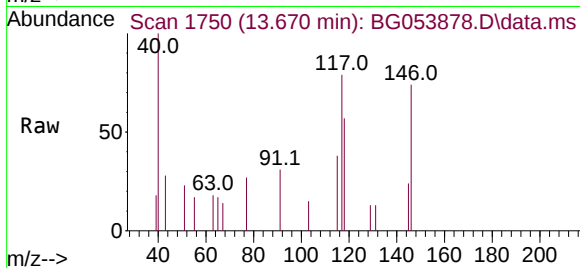
Tgt Ion: 65 Resp: 126

Ion Ratio Lower Upper

65 100

92 0.0 51.5 77.3#

138 0.0 71.3 106.9#



#51

2,6-Dinitrotoluene

Concen: 13.508 ng

RT: 14.710 min Scan# 1927

Delta R.T. 0.433 min

Lab File: BG053878.D

Acq: 10 Jun 2022 16:58

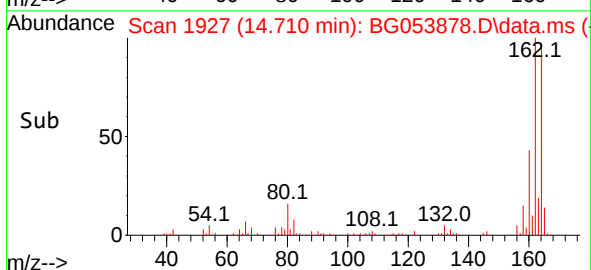
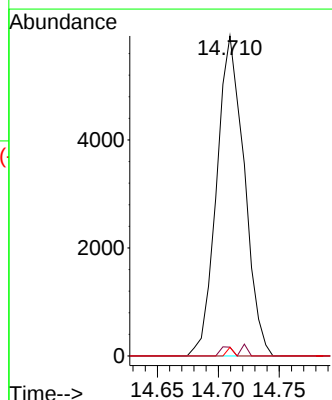
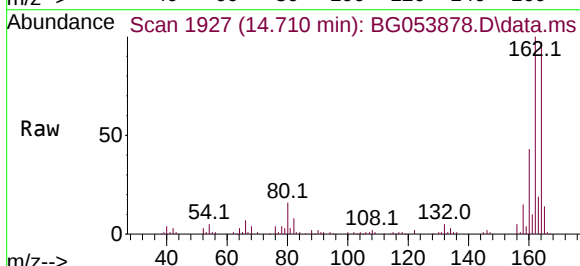
Tgt Ion: 165 Resp: 9331

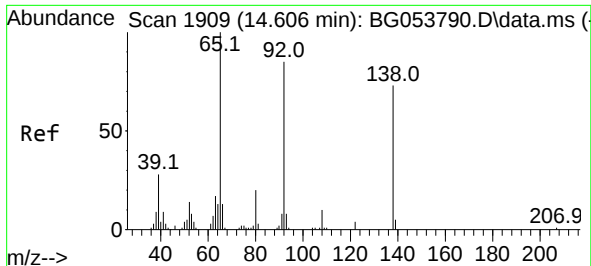
Ion Ratio Lower Upper

165 100

63 2.8 54.1 81.1#

89 2.7 54.8 82.2#

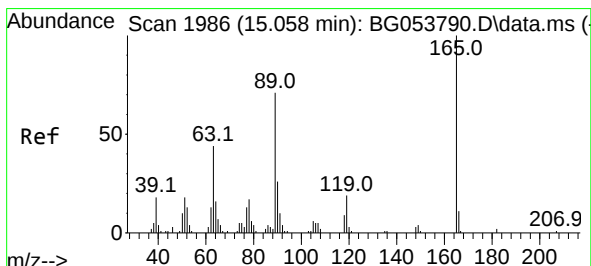
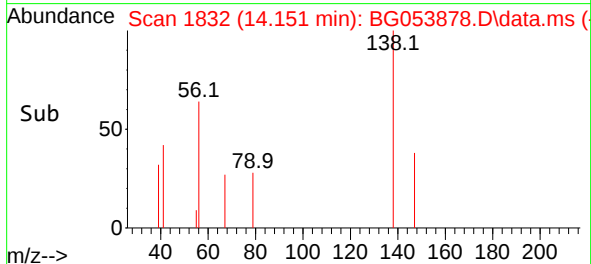
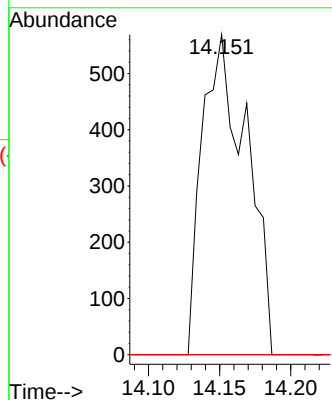
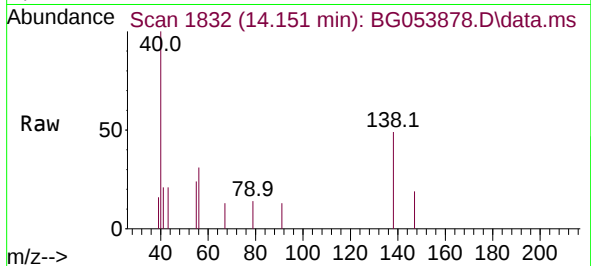




#53
3-Nitroaniline
Concen: 4.947 ng
RT: 14.151 min Scan# 11
Delta R.T. -0.455 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

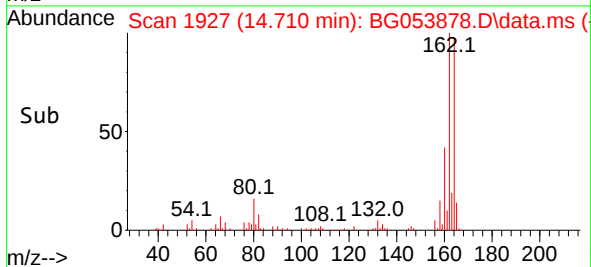
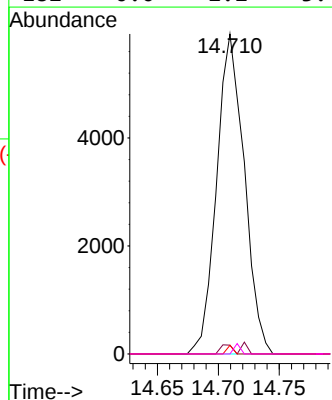
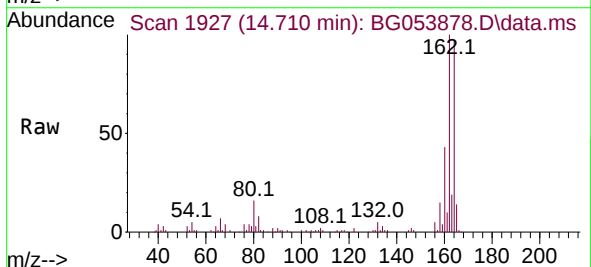
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

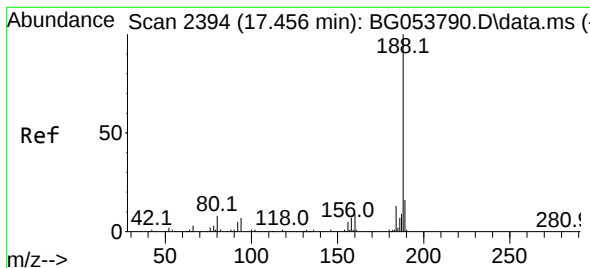
Tgt Ion:138 Resp: 1236
Ion Ratio Lower Upper
138 100
108 0.0 9.2 13.8#
92 0.0 101.9 152.9#



#57
2,4-Dinitrotoluene
Concen: 11.290 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.348 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:165 Resp: 9331
Ion Ratio Lower Upper
165 100
63 2.8 34.6 52.0#
89 2.7 60.3 90.5#
182 0.0 2.2 3.4#

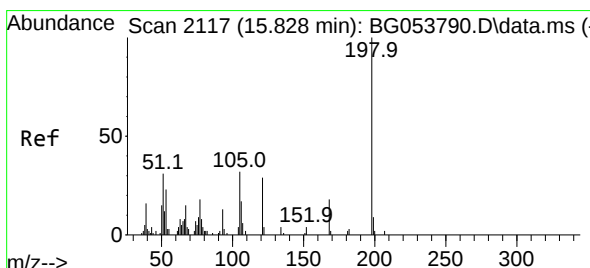
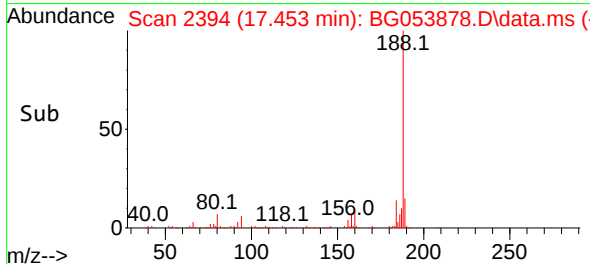
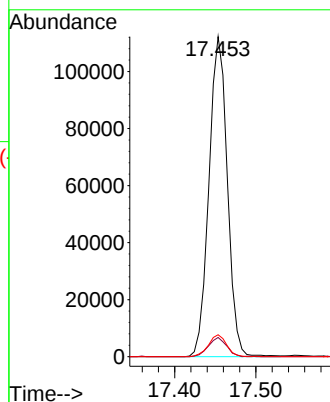
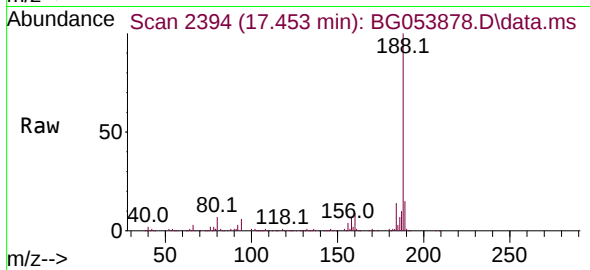




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

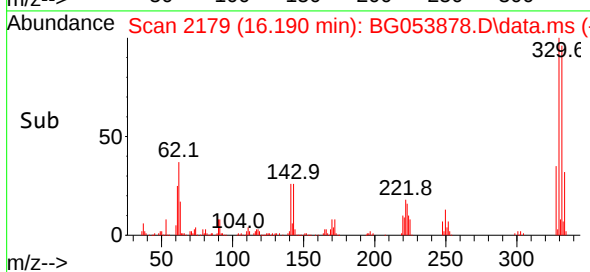
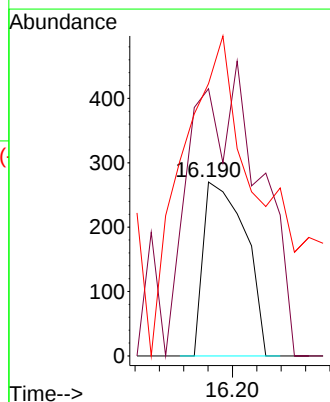
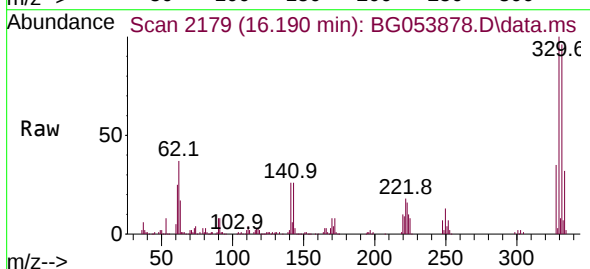
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

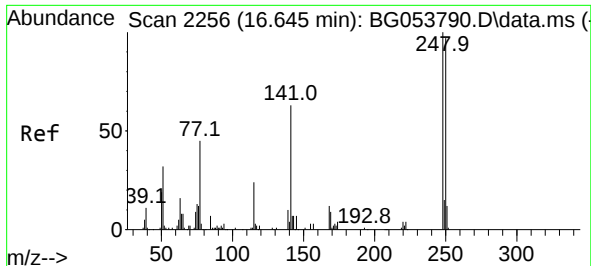
Tgt Ion:188 Resp: 176500
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.9 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.025 ng
RT: 16.190 min Scan# 2179
Delta R.T. 0.362 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:198 Resp: 323
Ion Ratio Lower Upper
198 100
51 153.7 28.1 68.1#
105 156.7 20.3 60.3#

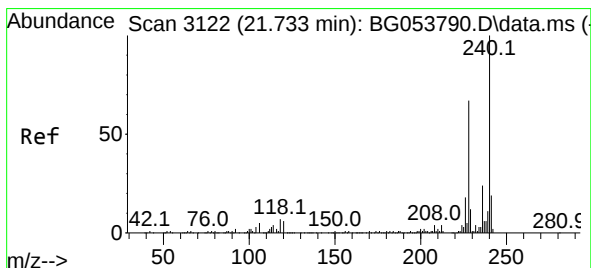
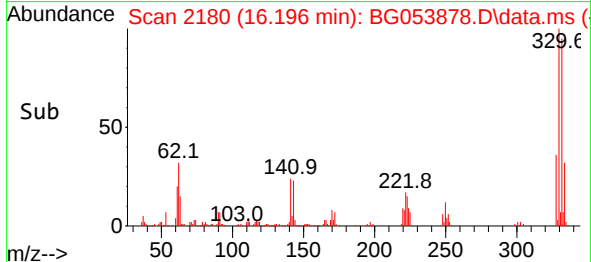
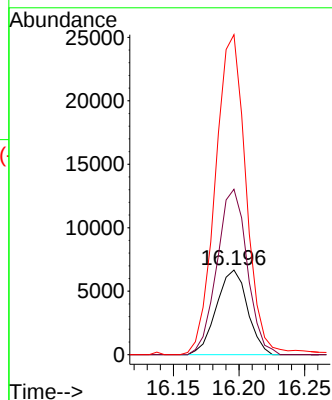
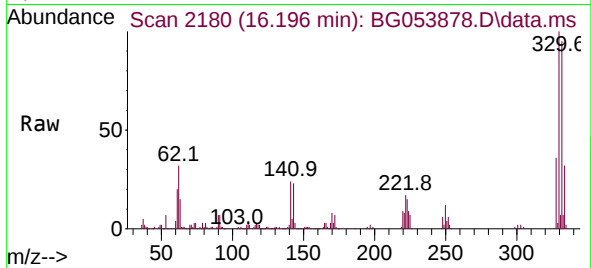




#67
4-Bromophenyl-phenylether
Concen: 5.718 ng
RT: 16.196 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

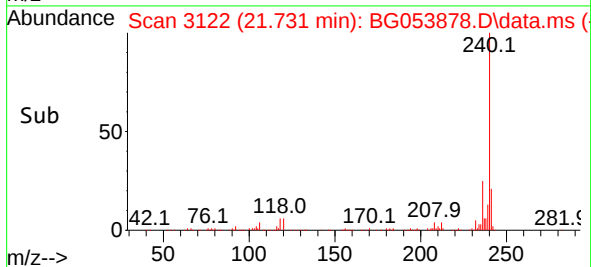
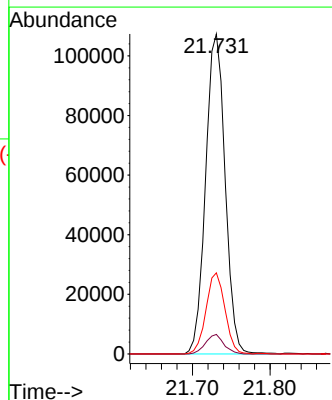
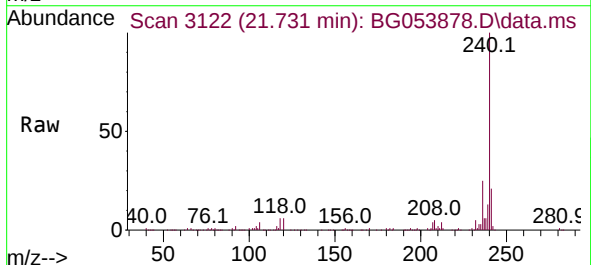
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

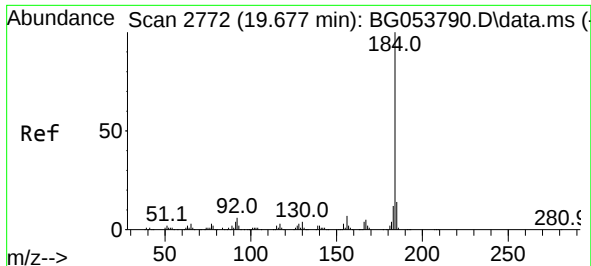
Tgt Ion:248 Resp: 10966
Ion Ratio Lower Upper
248 100
250 194.8 75.2 112.8#
141 286.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:240 Resp: 187195
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.4 20.2 30.4

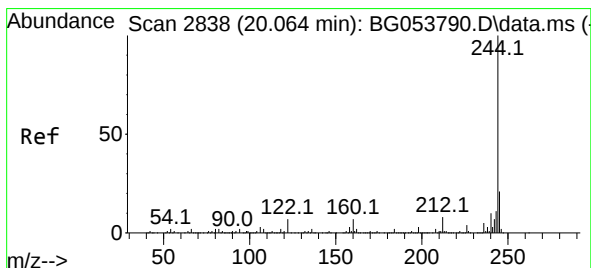
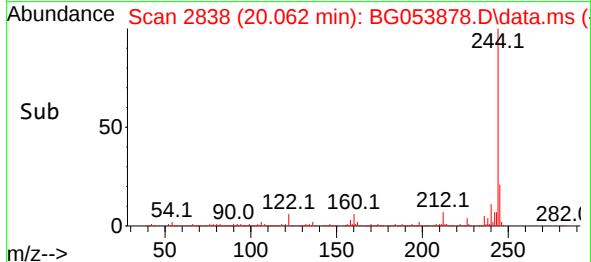
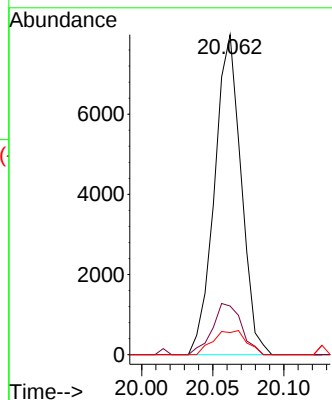
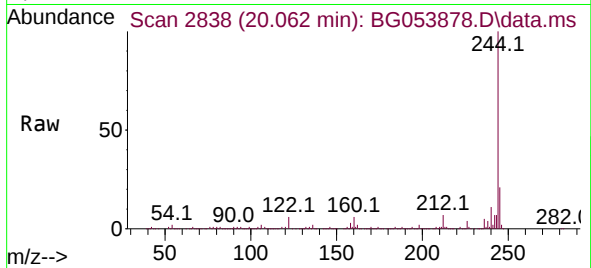




#77
Benzidine
Concen: 2.264 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.386 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

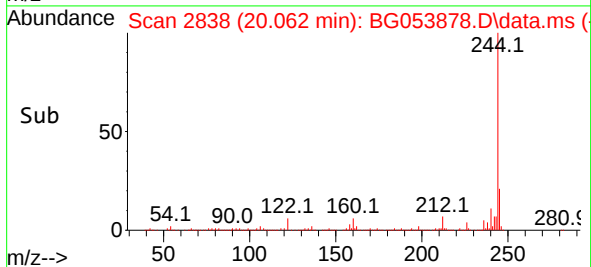
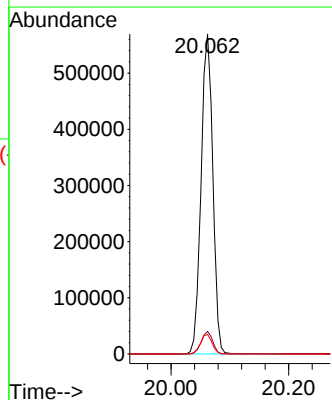
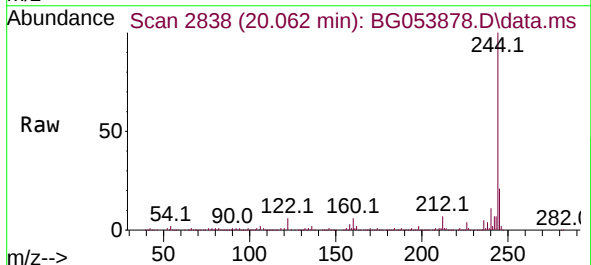
Instrument :
BNA_G
ClientSampleId :
OH-WATER-0608

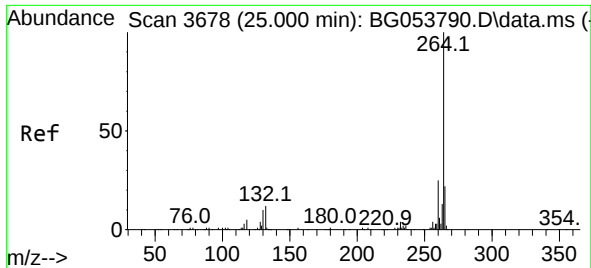
Tgt Ion:184 Resp: 10363
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 6.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 83.744 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053878.D
Acq: 10 Jun 2022 16:58

Tgt Ion:244 Resp: 787994
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 6.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 30
 Delta R.T. -0.002 min
 Lab File: BG053878.D
 Acq: 10 Jun 2022 16:58

Instrument :
 BNA_G
 ClientSampleId :
 OH-WATER-0608

Tgt Ion:264 Resp: 193565
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.6 17.4 26.2

