

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
 Data File : BG038452.D
 Acq On : 10 Dec 2018 23:34
 Operator : JU/SJ
 Sample : J6309-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-WATER

Quant Time: Dec 11 03:52:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

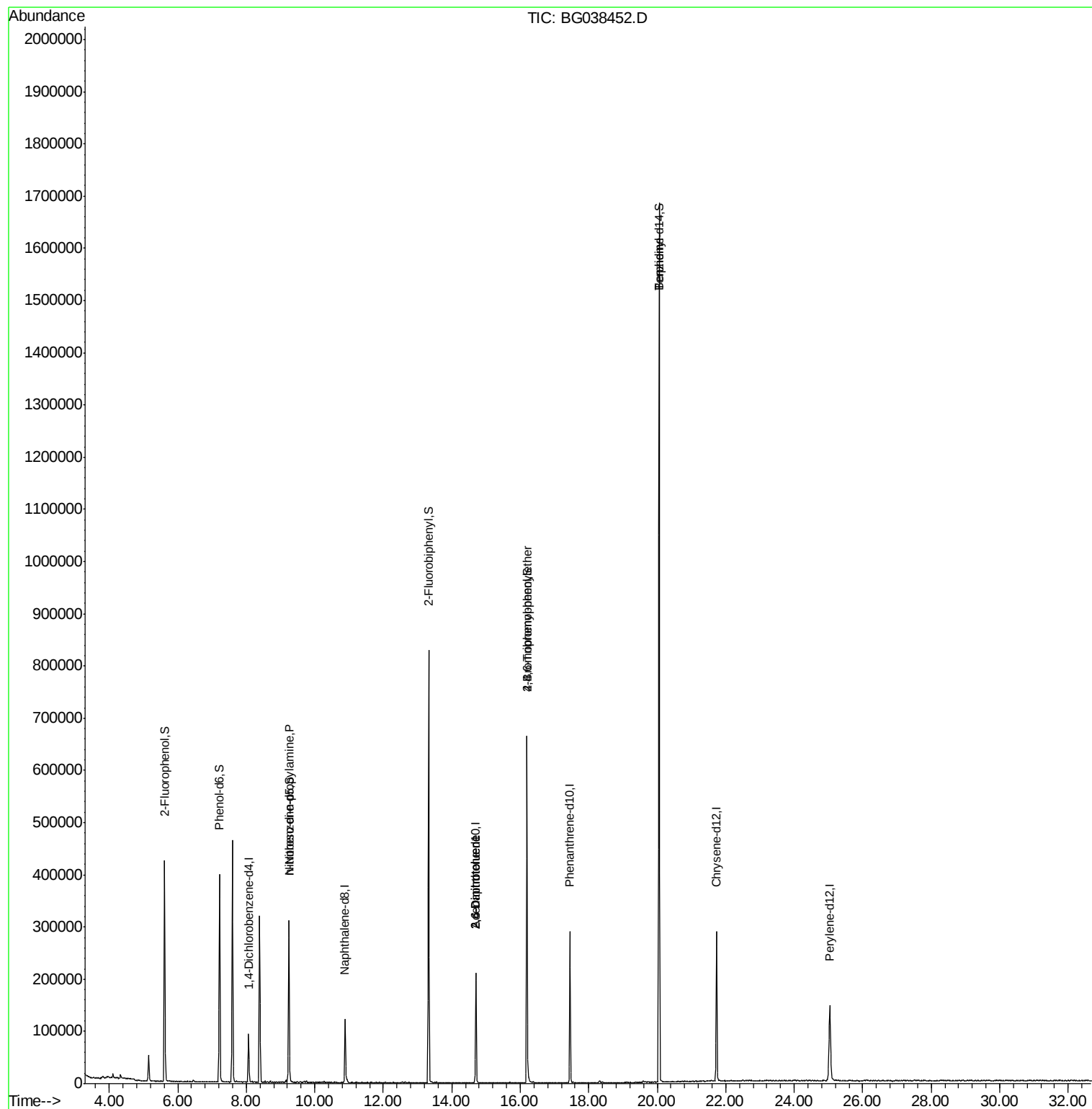
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25149	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	109552	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73823	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	189435	20.00	ng	0.00
76) Chrysene-d12	21.73	240	184399	20.00	ng	-0.01
87) Perylene-d12	25.04	264	190738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	179579	126.36	ng	0.00
7) Phenol-d6	7.22	99	229312	111.64	ng	0.00
23) Nitrobenzene-d5	9.25	82	190530	86.35	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	131976	145.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	441716	85.26	ng	0.00
79) Terphenyl-d14	20.06	244	845680	98.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	24541	15.033	ng	# 77
22) Acetophenone	8.93	105	53	Below Cal		# 48
51) 2,6-Dinitrotoluene	14.70	165	9343	6.907	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	9343	5.008	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	8738	4.271	ng	# 1
77) Benzidine	20.05	184	14569	2.341	ng	# 93

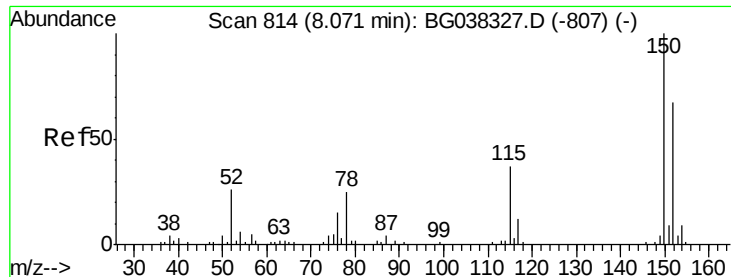
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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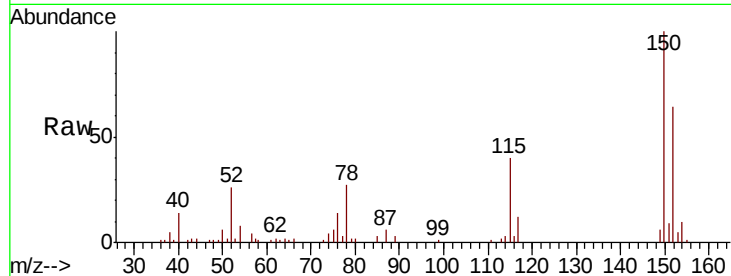


#1

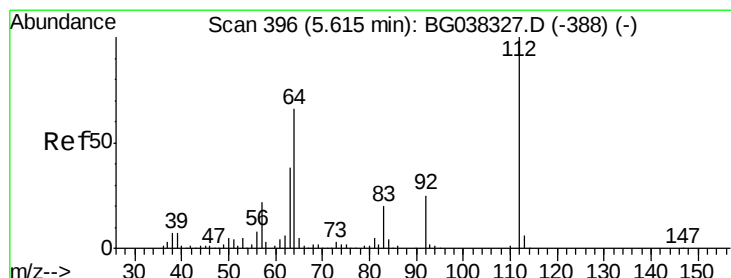
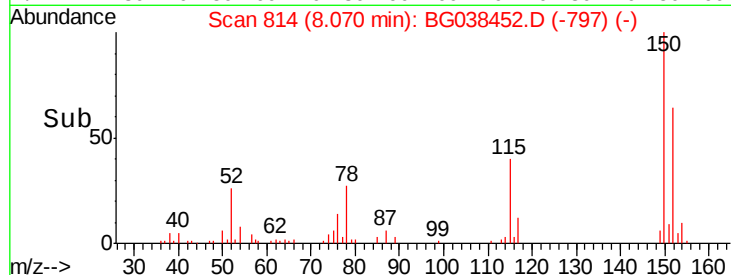
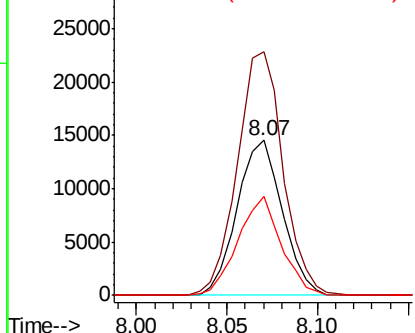
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

Instrument :
BNA_G
ClientSampleId :
WC-20181207-WATER

Tgt Ion:152 Resp: 25149
Ion Ratio Lower Upper
152 100
150 157.0 126.0 189.0
115 63.6 45.5 68.3



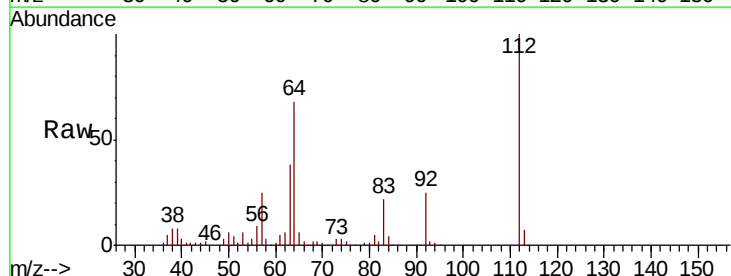
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



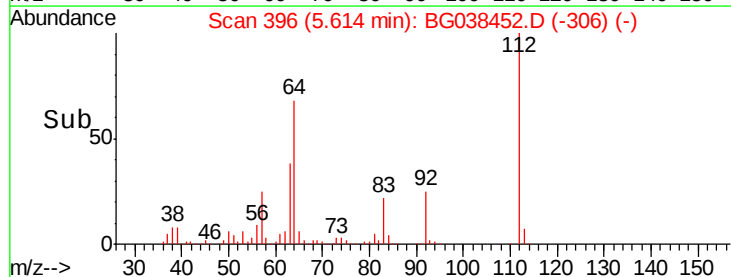
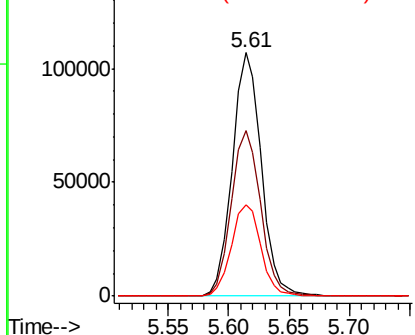
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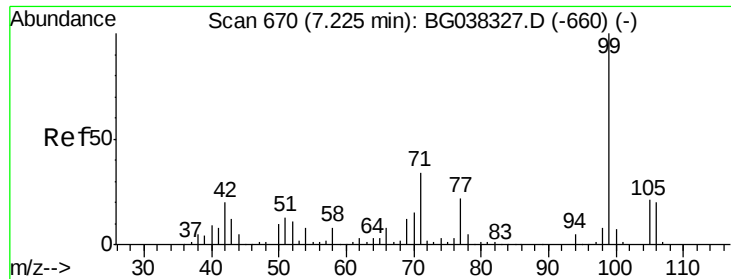
2-Fluorophenol
Concen: 126.363 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

Tgt Ion:112 Resp: 179579
Ion Ratio Lower Upper
112 100
64 68.2 53.1 79.7
63 37.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.641 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038452.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_G

ClientSampleId :

WC-20181207-WATER

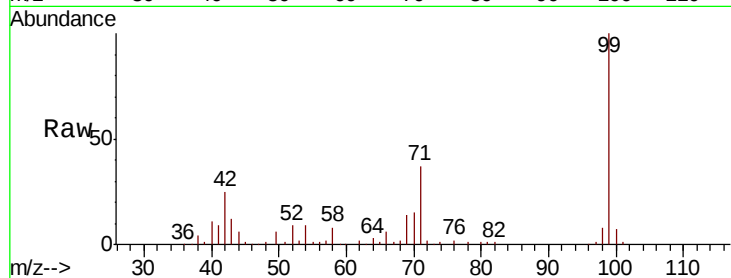
Tgt Ion: 99 Resp: 229312

Ion Ratio Lower Upper

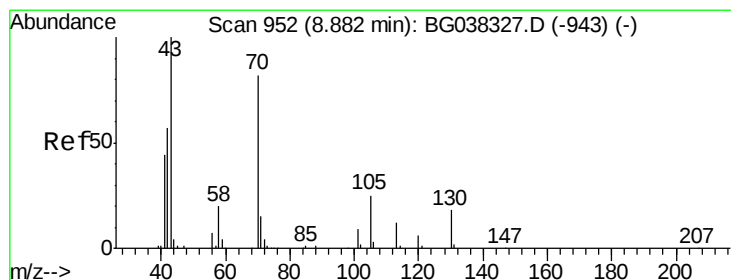
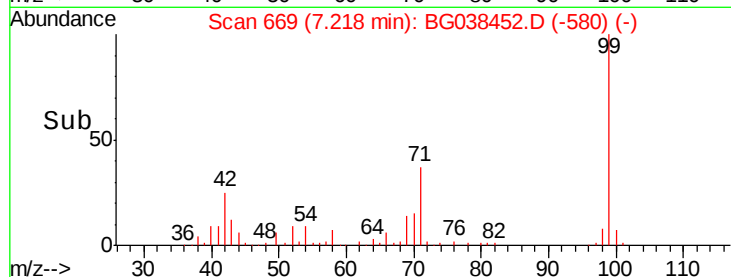
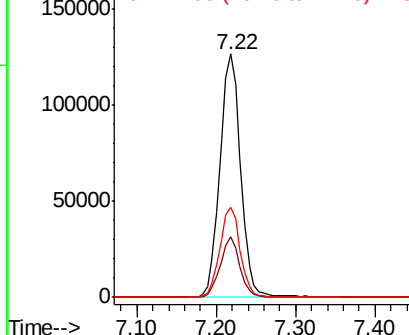
99 100

42 24.7 15.0 22.4#

71 37.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.033 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038452.D

Acq: 10 Dec 2018 23:34

Tgt Ion: 70 Resp: 24541

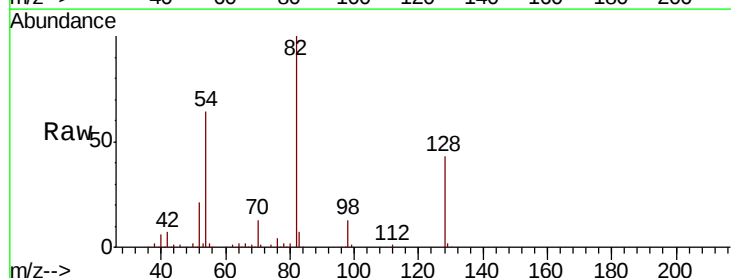
Ion Ratio Lower Upper

70 100

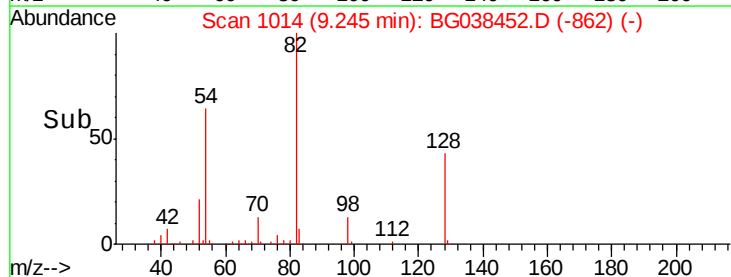
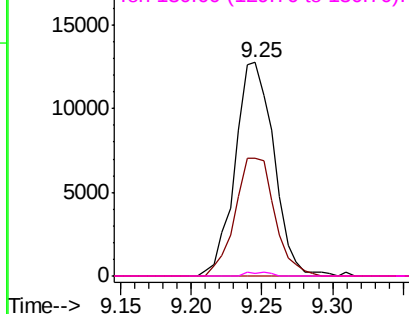
42 55.0 53.9 80.9

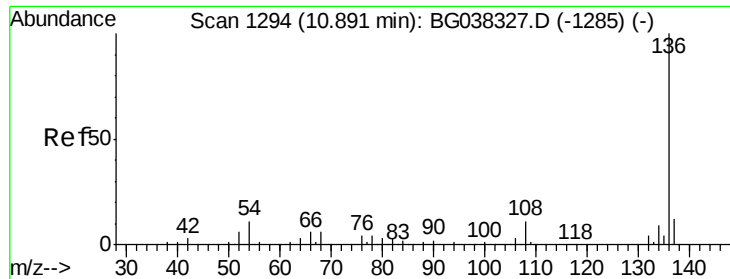
101 0.0 8.2 12.2#

130 1.3 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

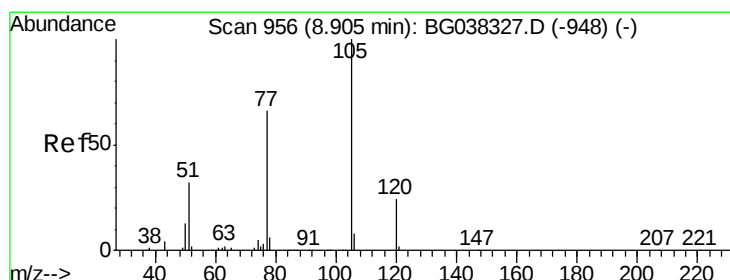
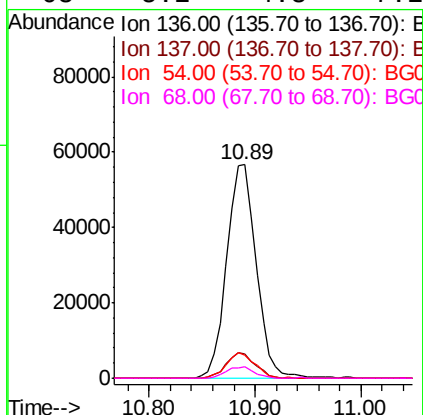
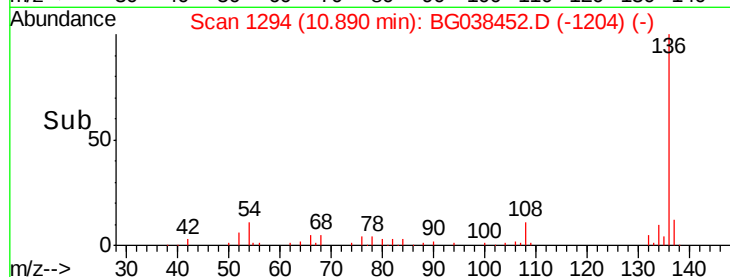
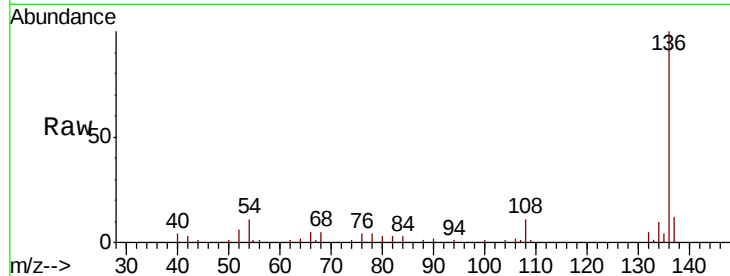




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

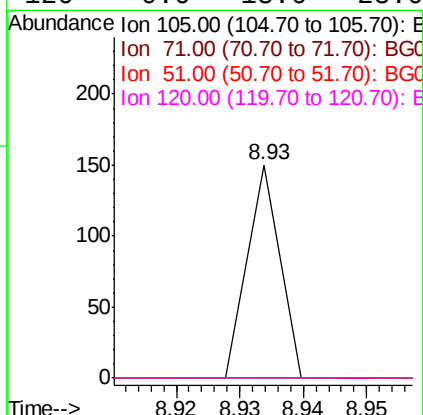
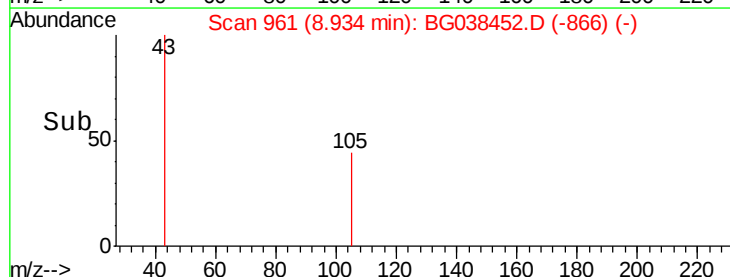
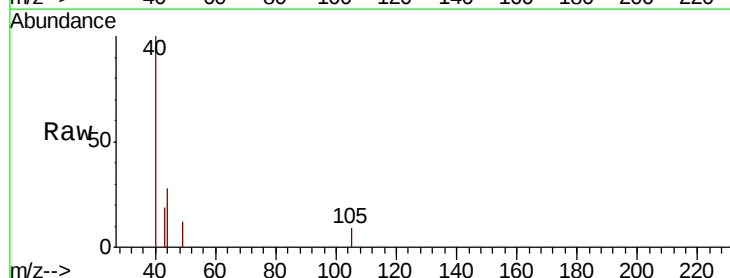
Instrument :
BNA_G
ClientSampleId :
WC-20181207-WATER

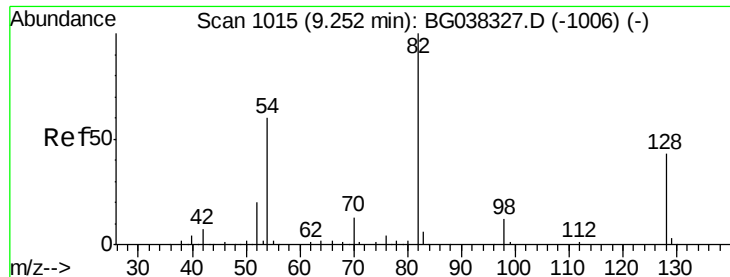
Tgt Ion:	136	Resp:	109552
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.6	7.9	11.9
68	5.2	4.8	7.2



#22
Acetophenone
Concen: Below Cal
RT: 8.93 min Scan# 961
Delta R.T. 0.03 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

Tgt Ion:	105	Resp:	53
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#

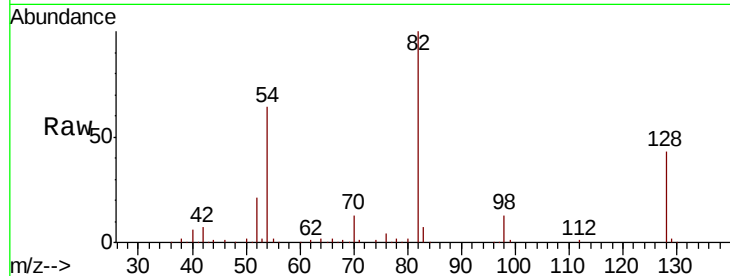




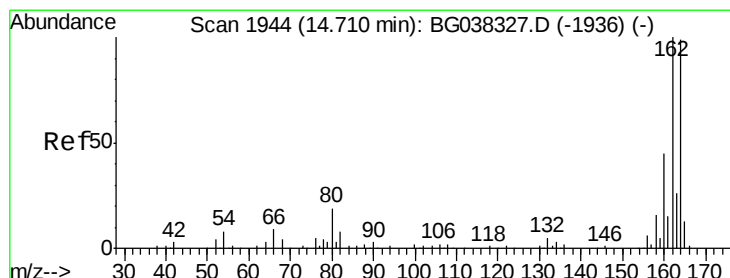
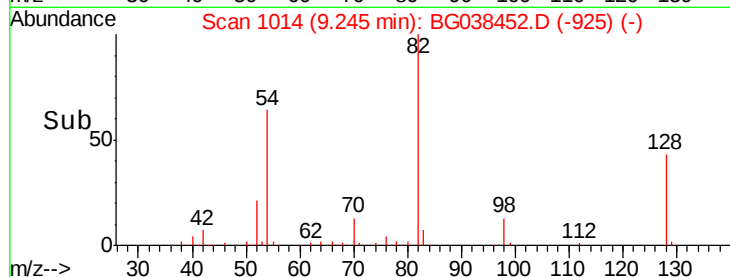
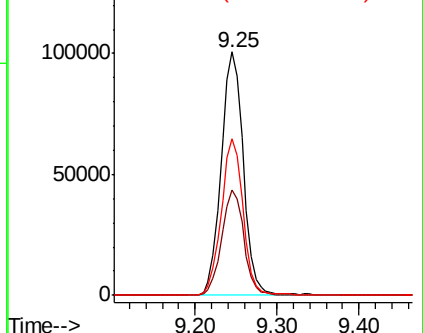
#23
Nitrobenzene-d5
Concen: 86.346 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

Instrument :
BNA_G
ClientSampleId :
WC-20181207-WATER

Tgt Ion: 82 Resp: 190530
Ion Ratio Lower Upper
82 100
128 43.3 34.6 51.8
54 64.3 45.3 67.9

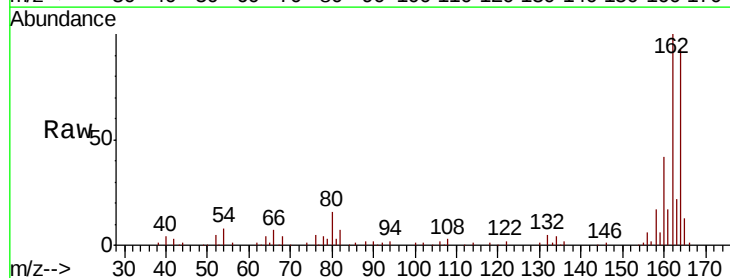


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

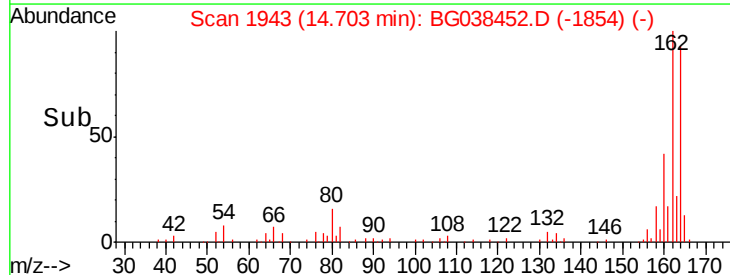
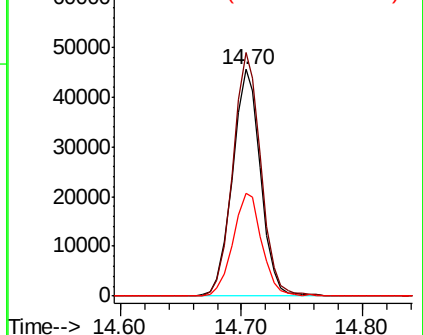


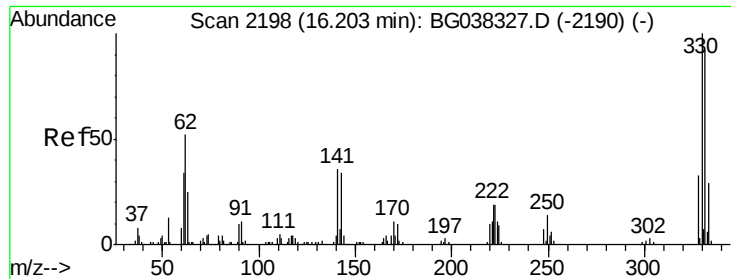
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

Tgt Ion: 164 Resp: 73823
Ion Ratio Lower Upper
164 100
162 107.4 81.3 121.9
160 45.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

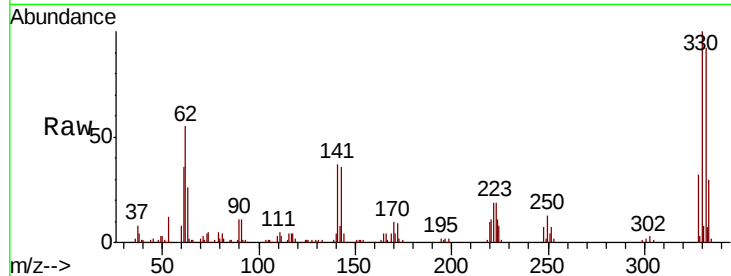




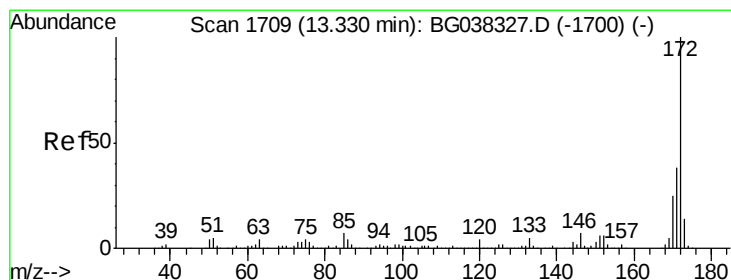
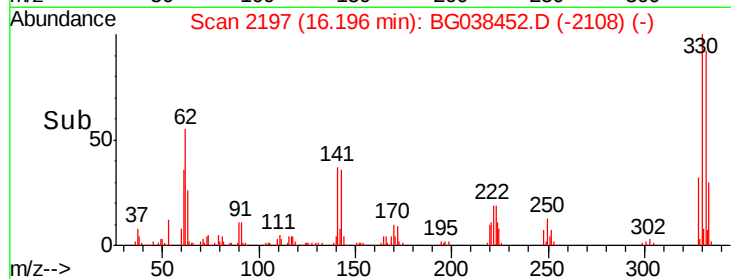
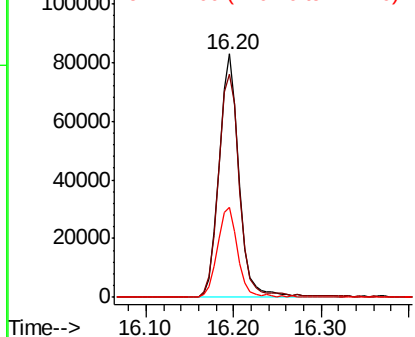
#42
 2,4,6-Tribromophenol
 Concen: 145.626 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038452.D
 Acq: 10 Dec 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-WATER

Tgt Ion:330 Resp: 131976
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.4 117.6
 141 37.2 32.2 48.2

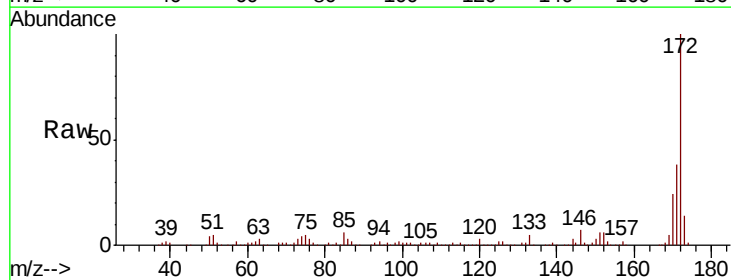


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

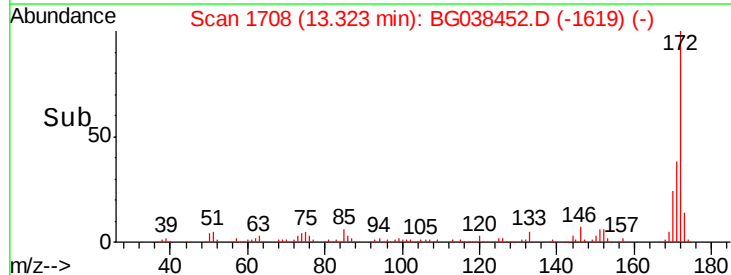
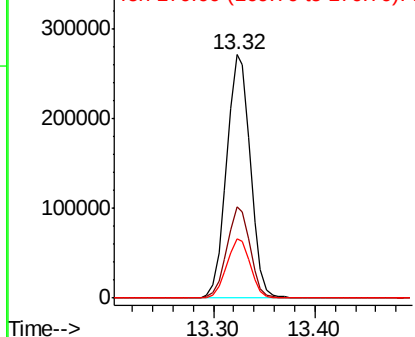


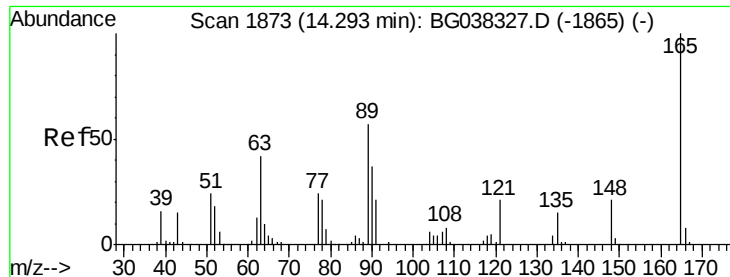
#45
 2-Fluorobiphenyl
 Concen: 85.259 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038452.D
 Acq: 10 Dec 2018 23:34

Tgt Ion:172 Resp: 441716
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 24.5 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

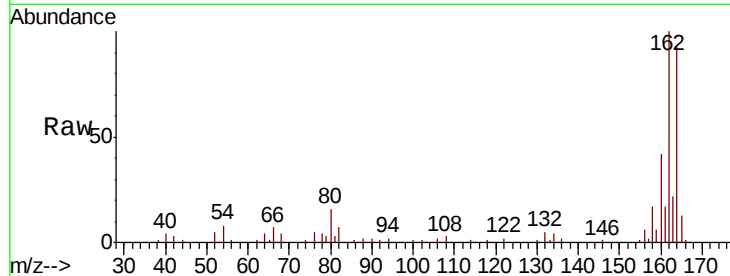




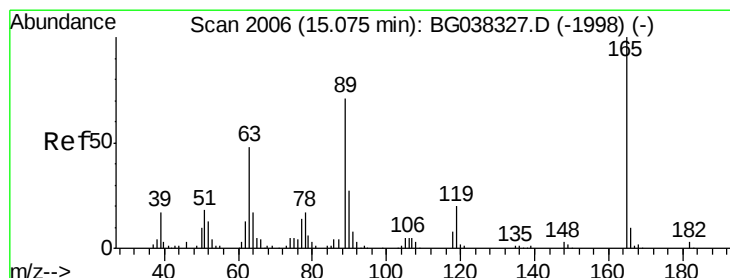
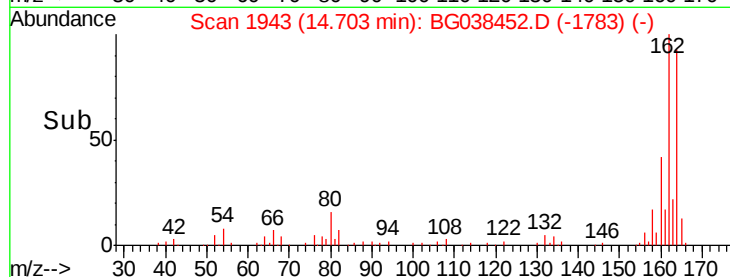
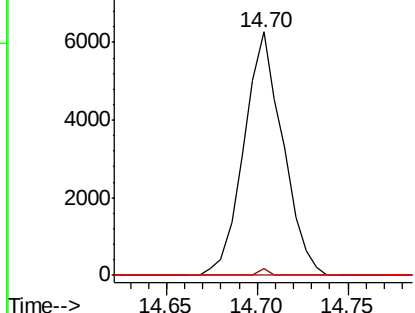
#51
 2,6-Dinitrotoluene
 Concen: 6.907 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038452.D
 Acq: 10 Dec 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-WATER

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	43.4	65.2#
89	0.0	45.8	68.6#



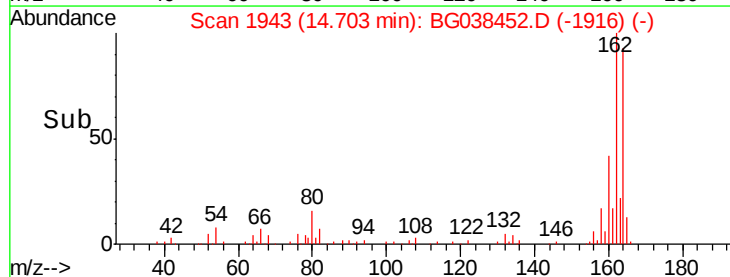
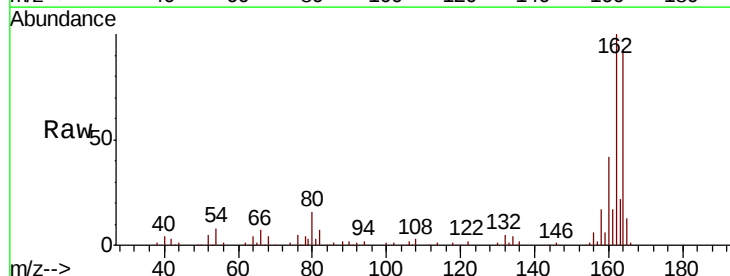
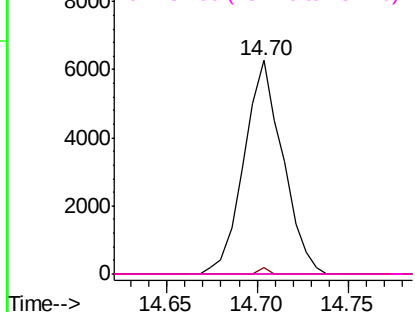
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

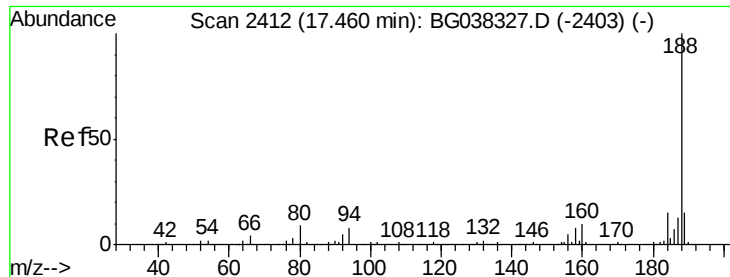


#57
 2,4-Dinitrotoluene
 Concen: 5.008 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038452.D
 Acq: 10 Dec 2018 23:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038452.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_G

ClientSampleId :

WC-20181207-WATER

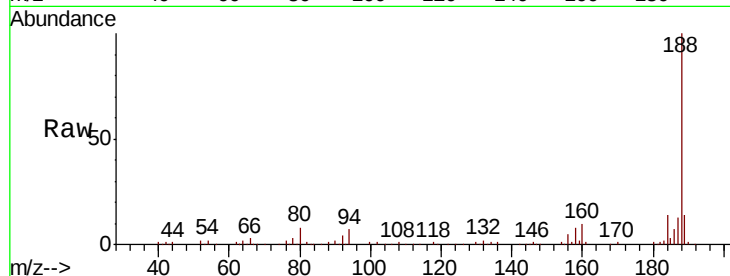
Tgt Ion:188 Resp: 189435

Ion Ratio Lower Upper

188 100

94 6.7 7.2 10.8#

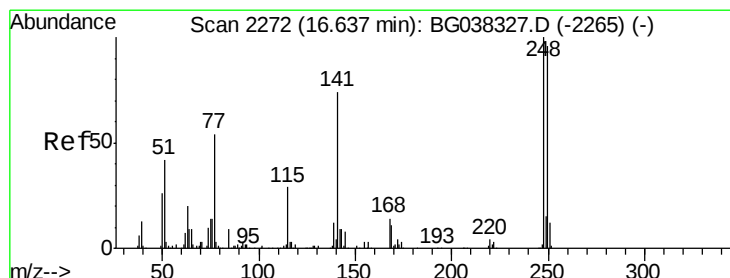
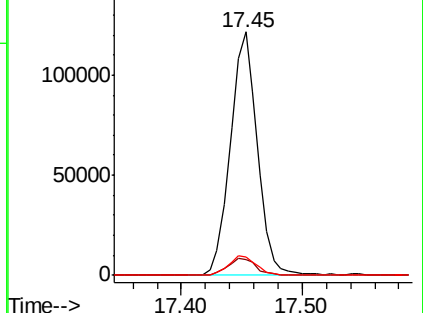
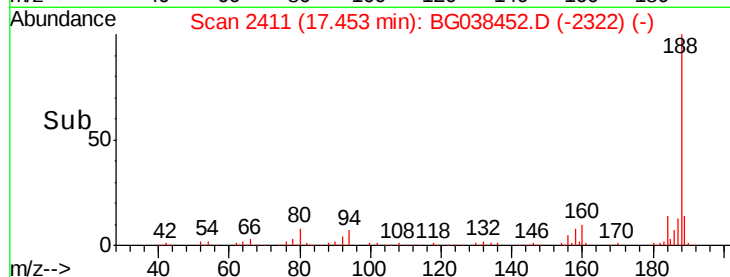
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 4.271 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.44 min

Lab File: BG038452.D

Acq: 10 Dec 2018 23:34

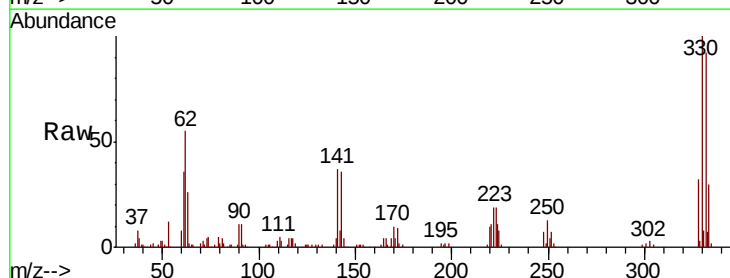
Tgt Ion:248 Resp: 8738

Ion Ratio Lower Upper

248 100

250 188.9 77.0 115.6#

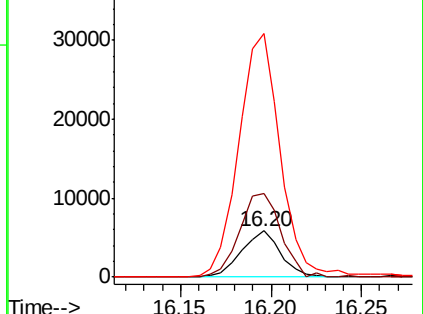
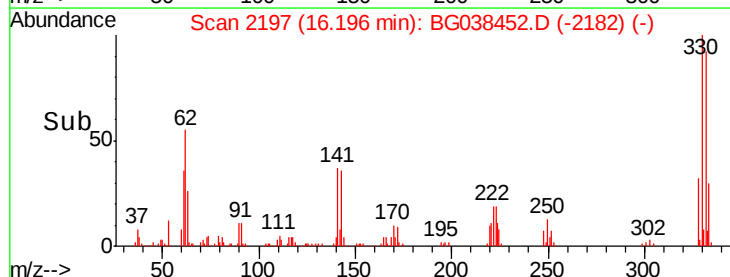
141 424.9 55.5 83.3#

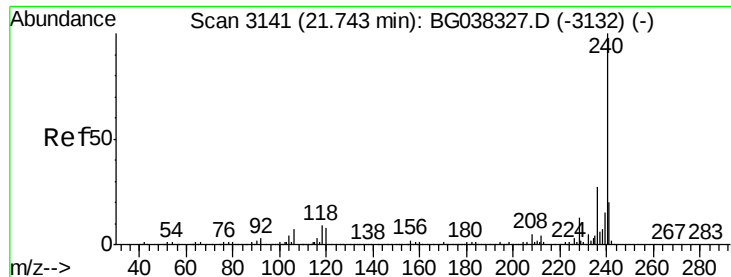


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

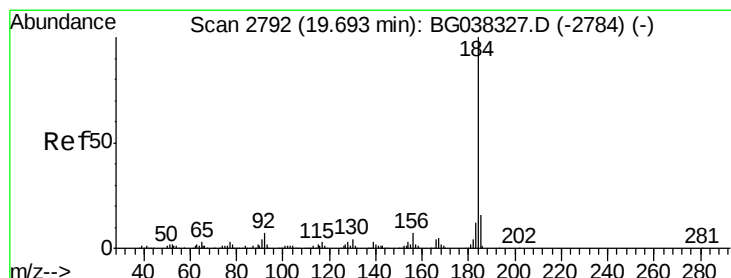
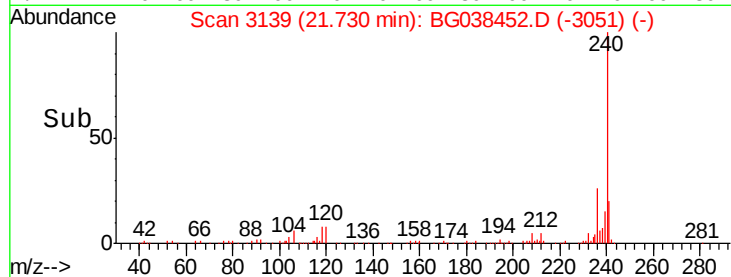
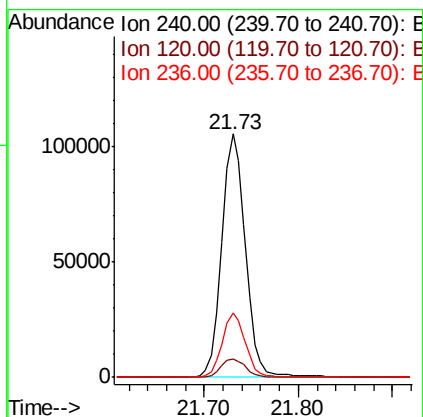
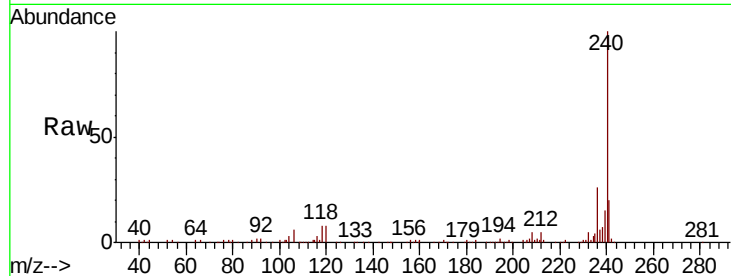




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

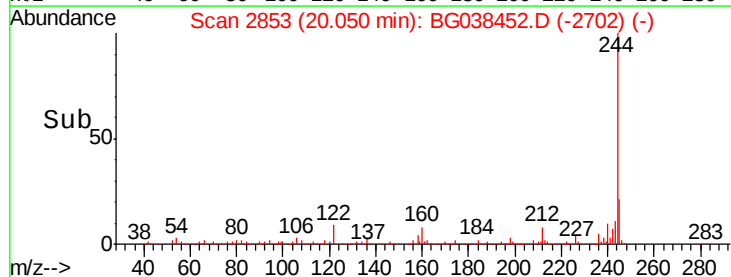
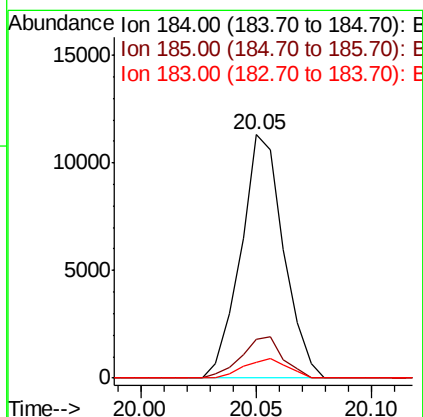
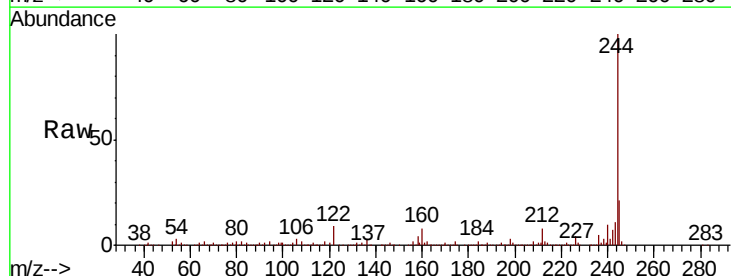
Instrument :
BNA_G
ClientSampleId :
WC-20181207-WATER

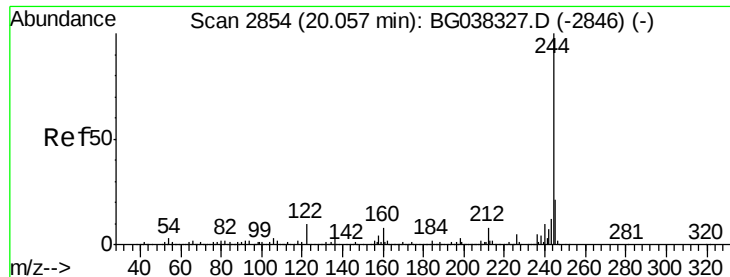
Tgt Ion:240 Resp: 184399
Ion Ratio Lower Upper
240 100
120 7.8 8.1 12.1#
236 26.4 21.4 32.0



#77
Benzidine
Concen: 2.341 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038452.D
Acq: 10 Dec 2018 23:34

Tgt Ion:184 Resp: 14569
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 6.4 10.2 15.2#





#79

Terphenyl-d14

Concen: 98.247 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038452.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_G

ClientSampleId :

WC-20181207-WATER

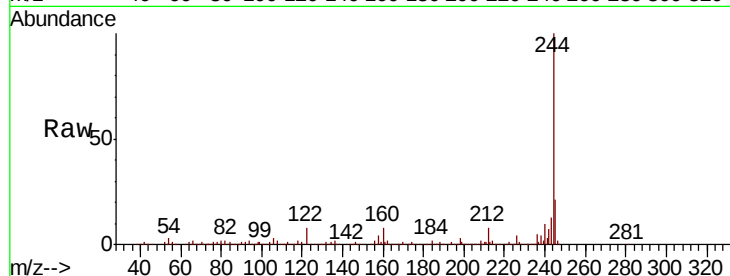
Tgt Ion:244 Resp: 845680

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

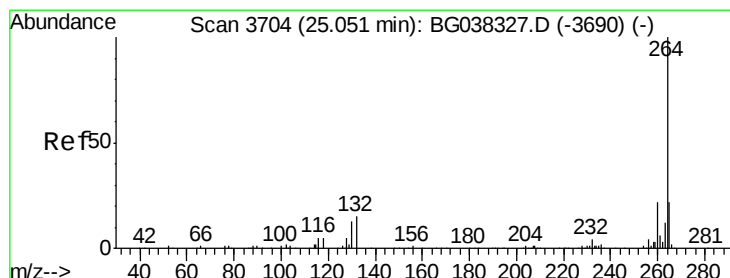
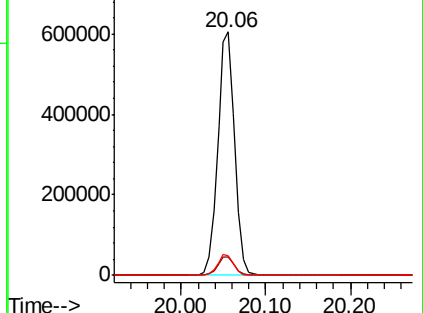
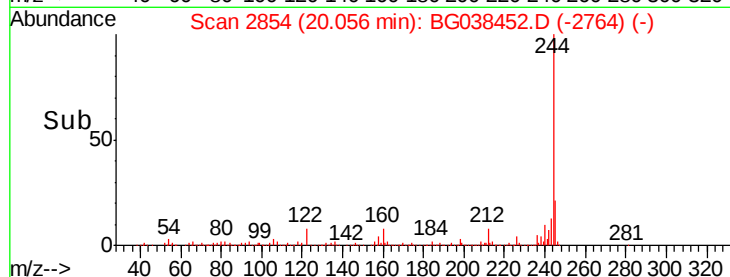
122 8.2 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038452.D

Acq: 10 Dec 2018 23:34

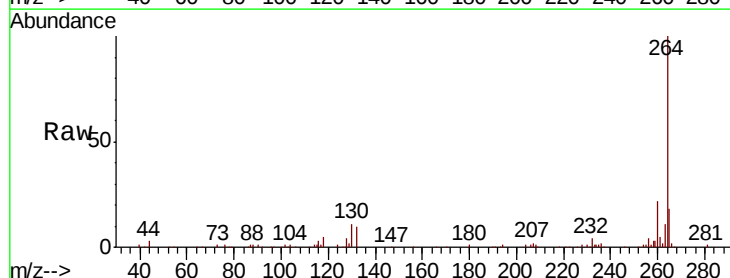
Tgt Ion:264 Resp: 190738

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 18.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

