

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041077.D
 Acq On : 5 Jun 2019 18:15
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOO-WATER-20PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: Jun 06 04:24:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36189	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	132035	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	90311	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	232628	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	278850	20.00	ng	-0.02
87) Perylene-d12	25.09	264	301074	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	173195	86.30	ng	-0.01
7) Phenol-d6	7.26	99	241083	77.78	ng	-0.01
23) Nitrobenzene-d5	9.29	82	156682	52.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	117324	87.51	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	343246	54.73	ng	-0.02
79) Terphenyl-d14	20.08	244	699060	53.21	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	21416	23.516	ng	96
3) Pyridine	3.93	79	48650	18.054	ng	91
4) n-Nitrosodimethylamine	3.85	42	22329	17.854	ng	# 73
6) Aniline	7.43	93	68655	16.595	ng	96
8) 2-Chlorophenol	7.67	128	44188	18.468	ng	94
9) Benzaldehyde	7.25	77	46513	25.157	ng	91
10) Phenol	7.28	94	56670	17.052	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	41121	17.057	ng	94
12) 1,3-Dichlorobenzene	8.00	146	51103	17.883	ng	92
13) 1,4-Dichlorobenzene	8.15	146	52346	18.097	ng	94
14) 1,2-Dichlorobenzene	8.47	146	48611	17.308	ng	94
15) Benzyl Alcohol	8.35	79	47447	16.549	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	66194	16.803	ng	96
17) 2-Methylphenol	8.54	107	39937	16.598	ng	95
18) Hexachloroethane	9.19	117	19478	17.471	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	38572	16.171	ng	94
20) 3+4-Methylphenols	8.87	107	53916	16.176	ng	96
22) Acetophenone	8.94	105	76309	20.603	ng	# 98
24) Nitrobenzene	9.33	77	60497	19.960	ng	99
25) Isophorone	9.84	82	105199	18.586	ng	99
26) 2-Nitrophenol	10.04	139	25233	20.194	ng	95
27) 2,4-Dimethylphenol	10.08	122	41147	19.939	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	54443	17.822	ng	98
29) 2,4-Dichlorophenol	10.57	162	47184	18.005	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	56436	18.931	ng	98
31) Naphthalene	10.98	128	137784	19.436	ng	97
32) Benzoic acid	10.15	122	4994	10.715	ng	# 74
33) 4-Chloroaniline	11.09	127	57078	17.353	ng	96
34) Hexachlorobutadiene	11.25	225	41849	18.347	ng	97
35) Caprolactam	11.86	113	15714	18.158	ng	96
36) 4-Chloro-3-methylphenol	12.20	107	53184	17.770	ng	97
37) 2-Methylnaphthalene	12.58	142	100162	18.345	ng	97
38) 1-Methylnaphthalene	12.80	142	94908	18.447	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	77202	21.209	ng	99

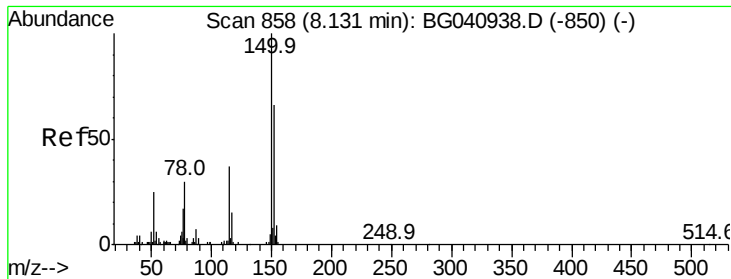
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	33560	23.621	ng	92
43) 2,4,6-Trichlorophenol	13.17	196	43345	18.407	ng	100
44) 2,4,5-Trichlorophenol	13.25	196	47614	19.173	ng	99
46) 1,1'-Biphenyl	13.58	154	137254	20.532	ng	97
47) 2-Chloronaphthalene	13.62	162	108235	18.860	ng	98
48) 2-Nitroaniline	13.83	65	39563	19.216	ng	87
49) Acenaphthylene	14.46	152	166828	19.314	ng	98
50) Dimethylphthalate	14.18	163	137768	18.021	ng	98
51) 2,6-Dinitrotoluene	14.32	165	30983	18.797	ng	93
52) Acenaphthene	14.81	154	95886	18.325	ng	94
53) 3-Nitroaniline	14.65	138	31091	18.863	ng	88
54) 2,4-Dinitrophenol	14.86	184	8330	19.797	ng	85
55) Dibenzofuran	15.13	168	173864	19.747	ng	98
56) 4-Nitrophenol	14.95	139	20621	18.240	ng	98
57) 2,4-Dinitrotoluene	15.10	165	43829	18.824	ng	93
58) Fluorene	15.79	166	133646	19.060	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	50842	20.832	ng	# 96
60) Diethylphthalate	15.53	149	141031	18.077	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	82052	18.004	ng	95
62) 4-Nitroaniline	15.81	138	34086	19.534	ng	95
63) Azobenzene	16.06	77	132956	18.750	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	21853	22.983	ng	91
66) n-Nitrosodiphenylamine	15.99	169	121164	18.528	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	54075	17.225	ng	92
68) Hexachlorobenzene	16.78	284	57864	17.309	ng	96
69) Atrazine	16.92	200	51229	20.303	ng	96
70) Pentachlorophenol	17.13	266	26100	18.055	ng	97
71) Phenanthrene	17.53	178	240438	19.843	ng	99
72) Anthracene	17.62	178	240529	20.127	ng	98
73) Carbazole	17.89	167	219626	21.418	ng	98
74) Di-n-butylphthalate	18.42	149	247301	19.404	ng	99
75) Fluoranthene	19.53	202	330958	22.113	ng	98
77) Benzidine	19.71	184	150396	22.609	ng	97
78) Pyrene	19.89	202	344450	19.002	ng	98
80) Butylbenzylphthalate	20.76	149	128992	18.286	ng	99
81) Benzo(a)anthracene	21.74	228	357726	19.272	ng	96
82) 3,3'-Dichlorobenzidine	21.66	252	137358	21.039	ng	96
83) Chrysene	21.81	228	351029	19.762	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	180698	18.196	ng	99
85) Di-n-octyl phthalate	22.86	149	317230	19.181	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	413029	18.982	ng	# 99
88) Benzo(b)fluoranthene	24.02	252	365619	20.022	ng	99
89) Benzo(k)fluoranthene	24.09	252	354827	19.636	ng	100
90) Benzo(a)pyrene	24.93	252	350848	20.138	ng	# 93
91) Dibenzo(a,h)anthracene	28.98	278	344814	19.807	ng	97
92) Benzo(g,h,i)perylene	30.12	276	342021	20.222	ng	98

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

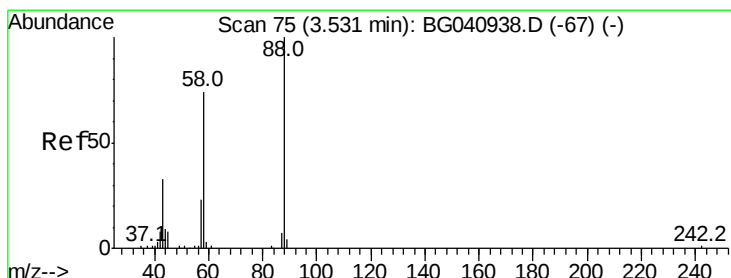
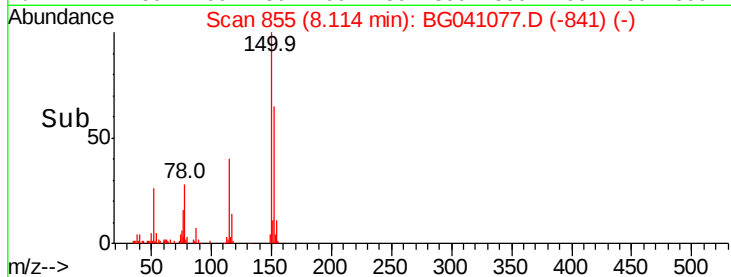
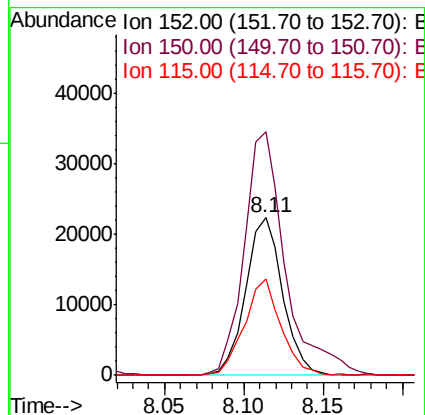
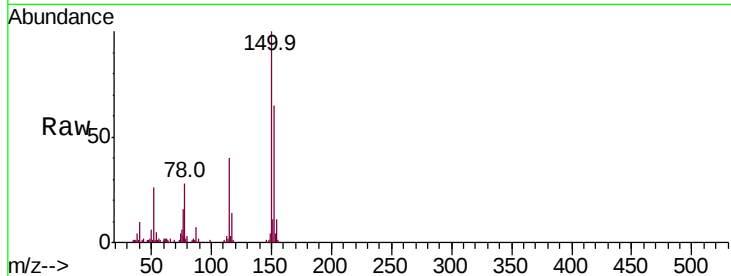


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

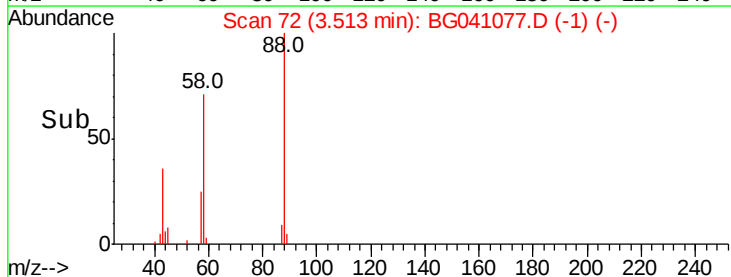
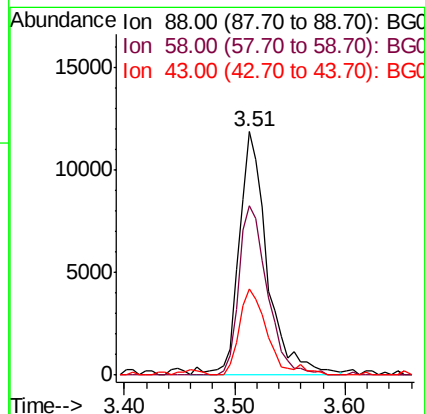
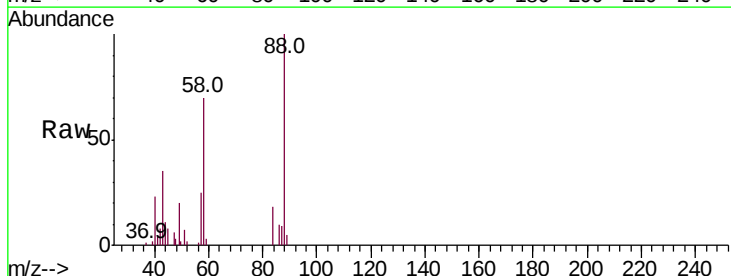
Tot Ion:152 Resp: 36189
Ion Ratio Lower Upper
152 100
150 154.5 120.6 180.8
115 61.5 45.1 67.7

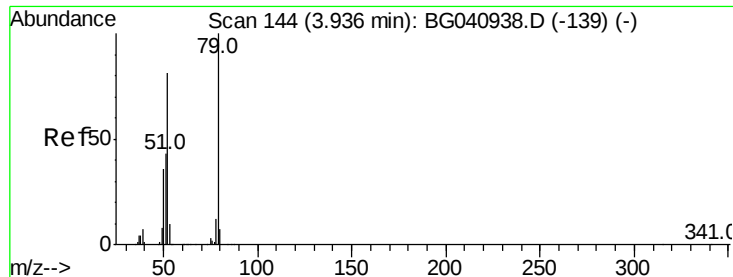


#2

1,4-Dioxane
Concen: 23.516 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion: 88 Resp: 21416
Ion Ratio Lower Upper
88 100
58 69.7 59.0 88.6
43 33.3 27.2 40.8





#3

Pvridine

Concen: 18.054 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

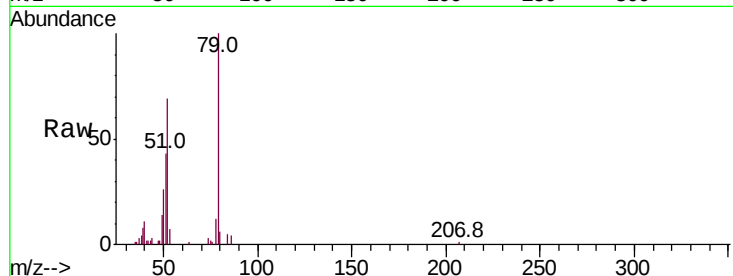
Tot Ion: 79 Resp: 48650

Ion Ratio Lower Upper

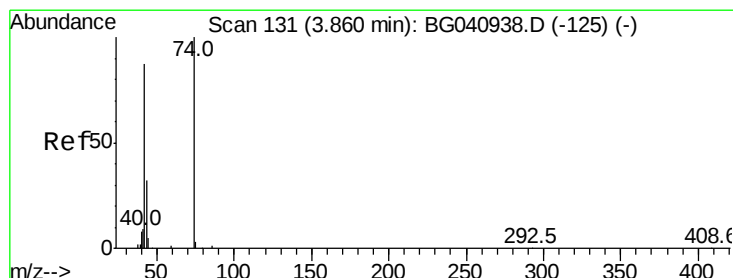
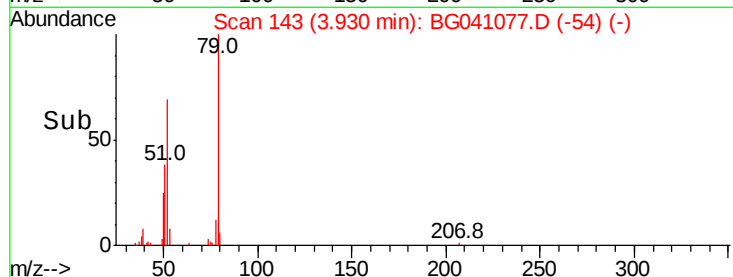
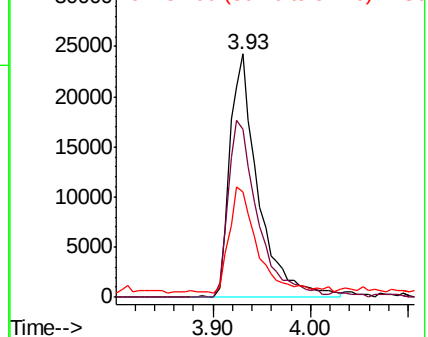
79 100

52 68.9 64.8 97.2

51 43.2 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 17.854 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

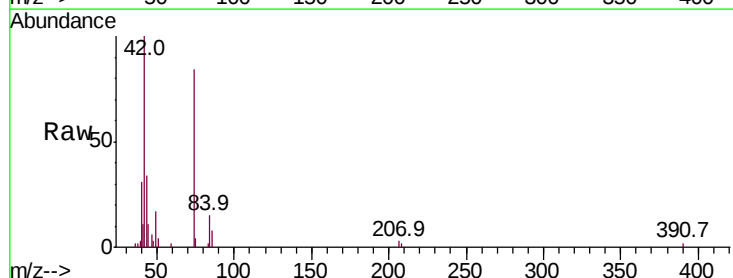
Tgt Ion: 42 Resp: 22329

Ion Ratio Lower Upper

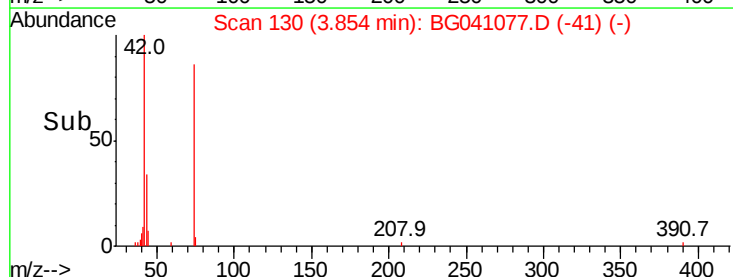
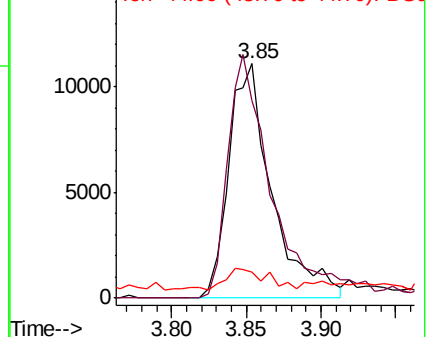
42 100

74 84.4 91.8 137.6#

44 11.1 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 86.299 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

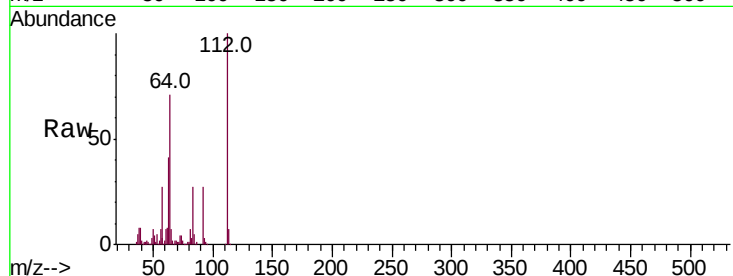
Tot Ion:112 Resp: 173195

Ion Ratio Lower Upper

112 100

64 70.6 56.2 84.2

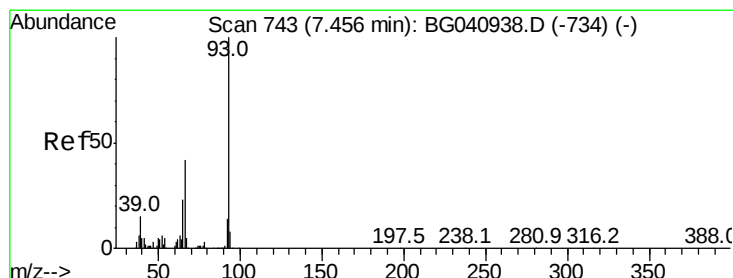
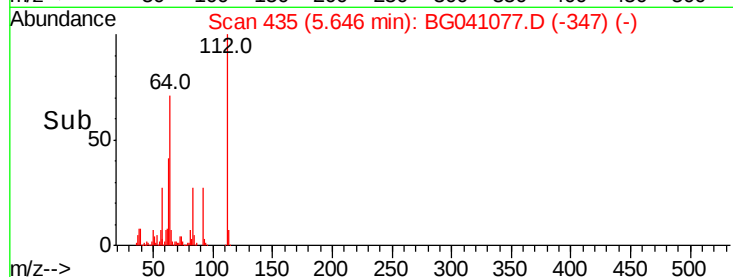
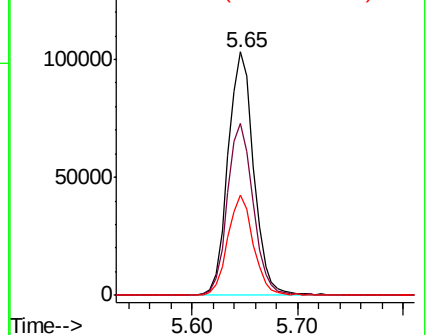
63 41.3 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.595 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

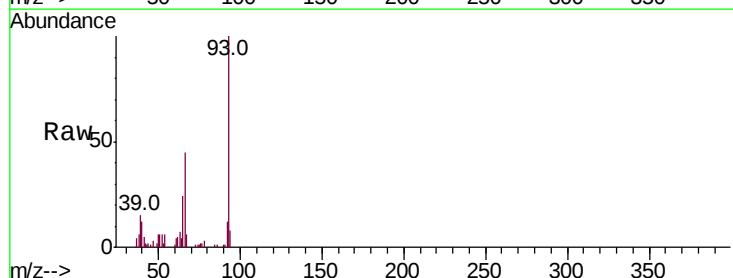
Tgt Ion: 93 Resp: 68655

Ion Ratio Lower Upper

93 100

66 44.9 33.8 50.8

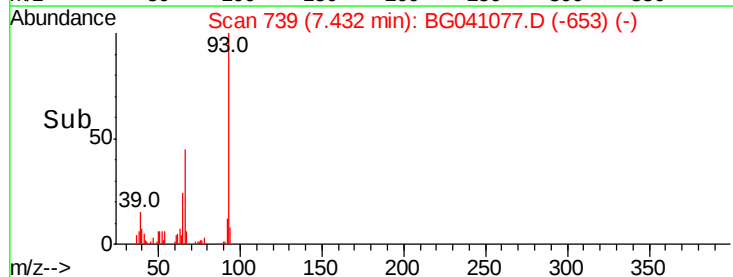
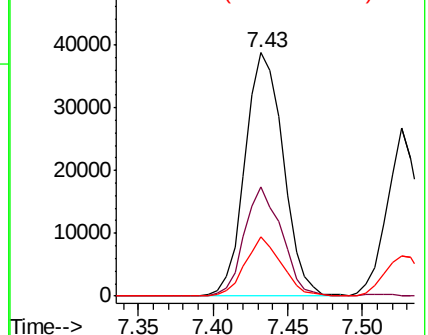
65 24.5 18.3 27.5

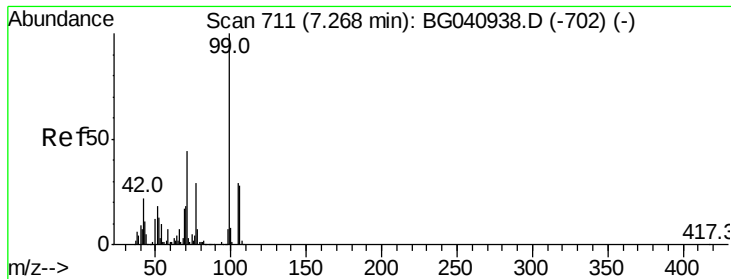


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.782 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

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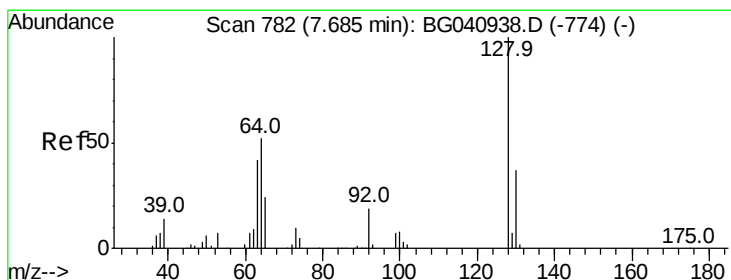
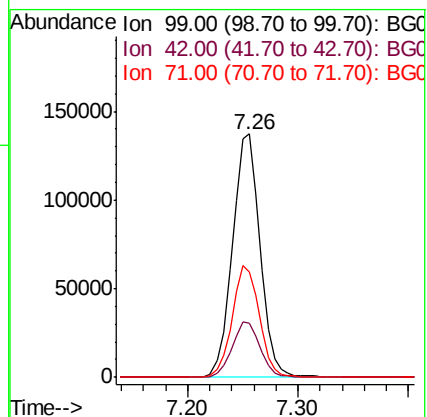
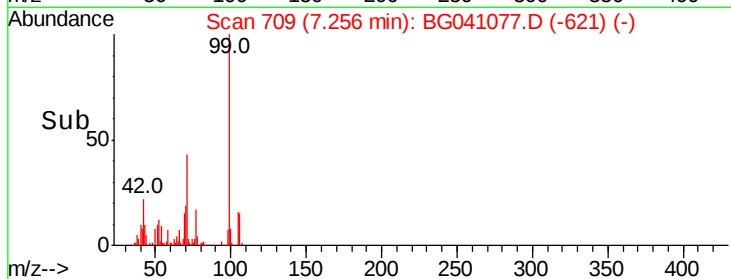
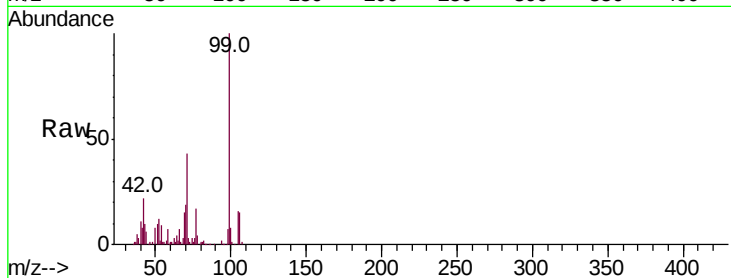
Tot Ion: 99 Resp: 241083

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

71 43.3 35.4 53.0



#8

2-Chlorophenol

Concen: 18.468 ng

RT: 7.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

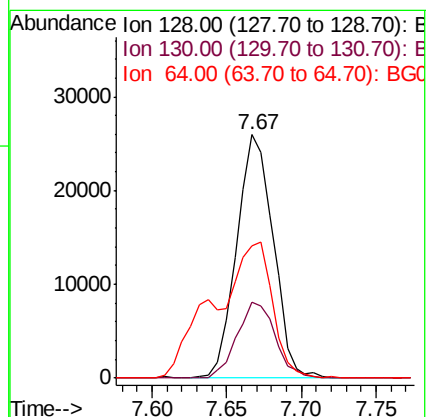
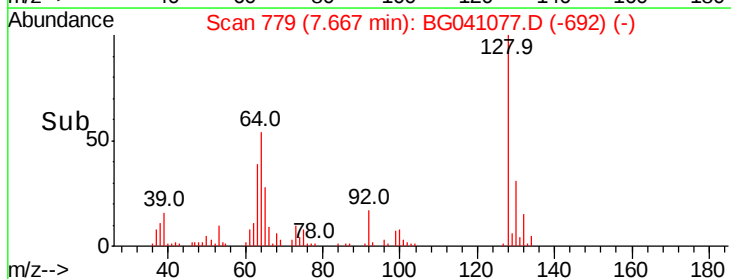
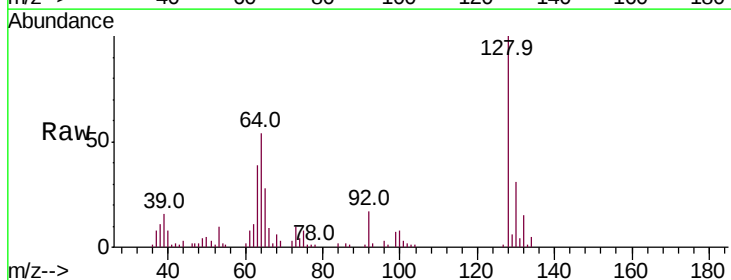
Tgt Ion: 128 Resp: 44188

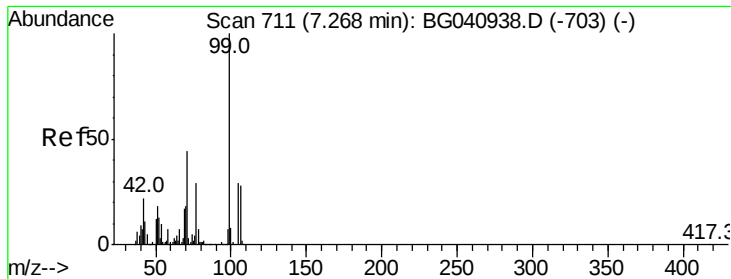
Ion Ratio Lower Upper

128 100

130 31.4 16.6 56.6

64 54.3 37.8 77.8





#9

Benzaldehyde

Concen: 25.157 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

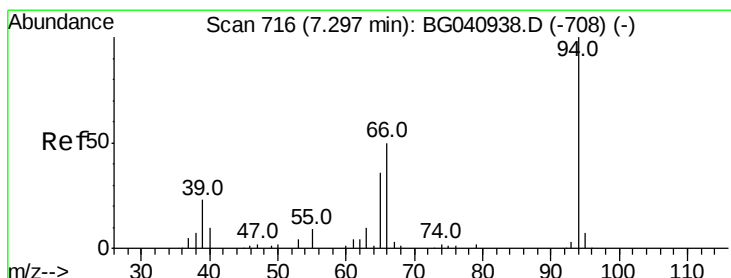
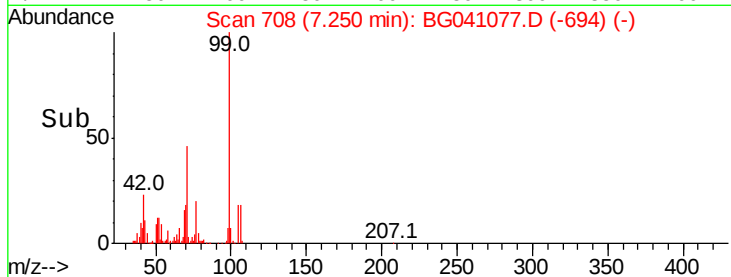
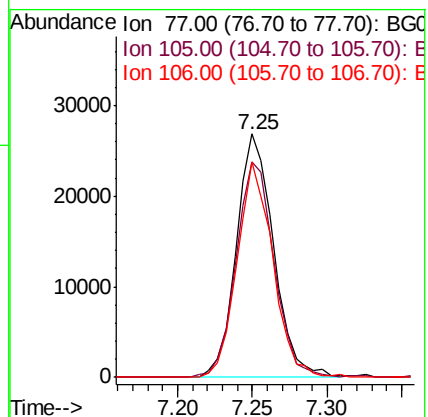
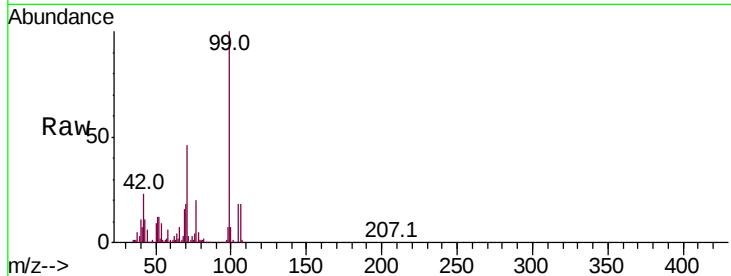
Tot Ion: 77 Resp: 46513

Ion Ratio Lower Upper

77 100

105 88.7 78.9 118.9

106 88.5 76.7 116.7



#10

Phenol

Concen: 17.052 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

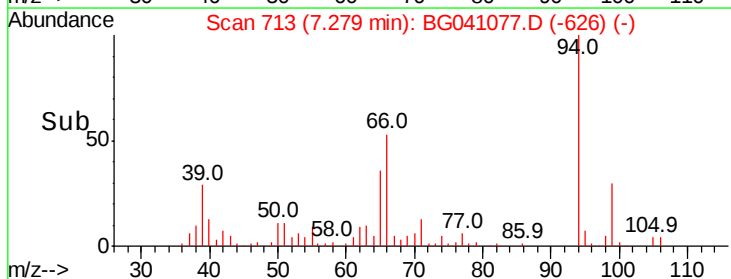
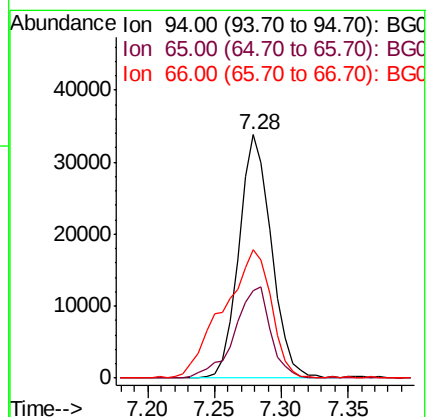
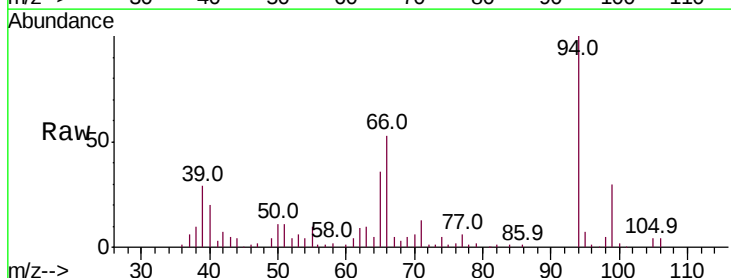
Tgt Ion: 94 Resp: 56670

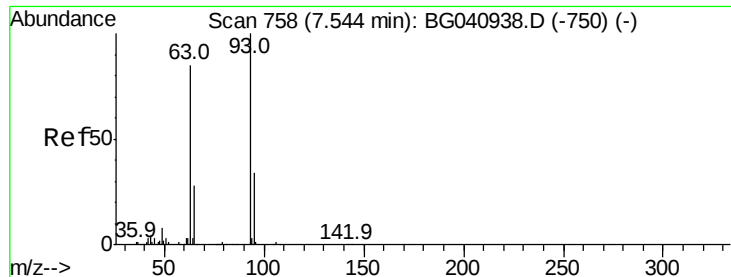
Ion Ratio Lower Upper

94 100

65 36.1 17.0 57.0

66 52.5 32.4 72.4

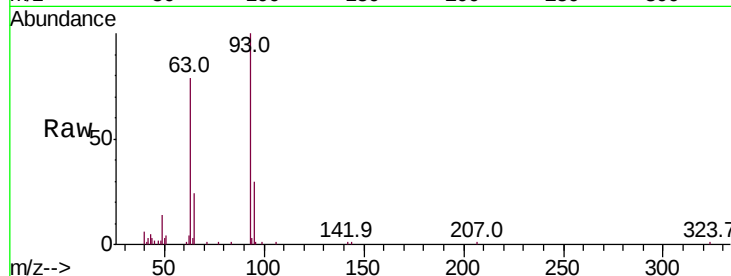




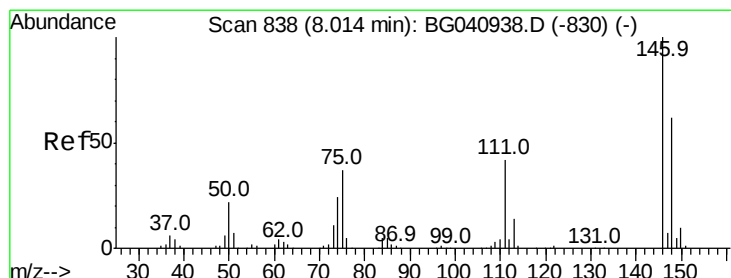
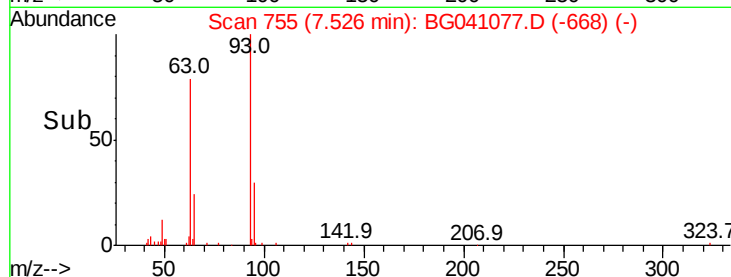
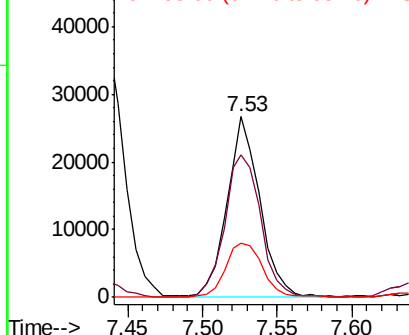
#11
bis(2-Chloroethyl)ether
Concen: 17.057 ng
RT: 7.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion: 93 Resp: 41121
Ion Ratio Lower Upper
93 100
63 78.6 64.5 104.5
95 30.1 13.3 53.3

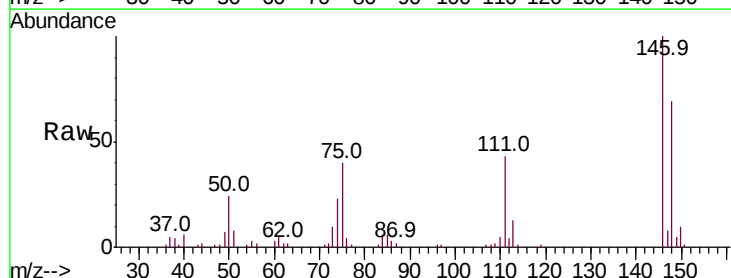


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

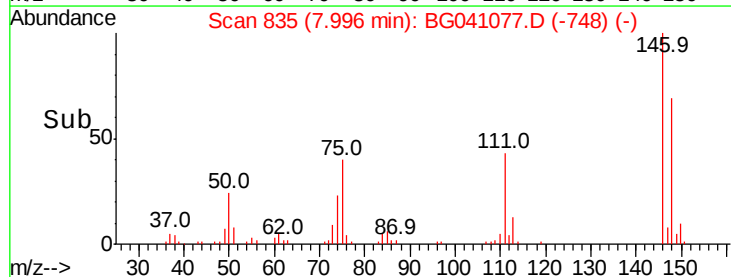
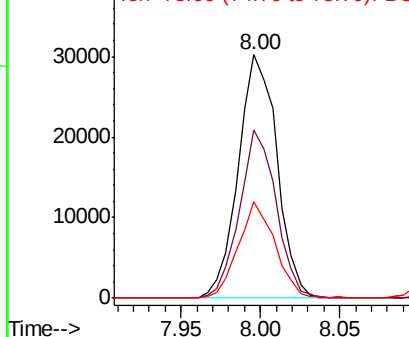


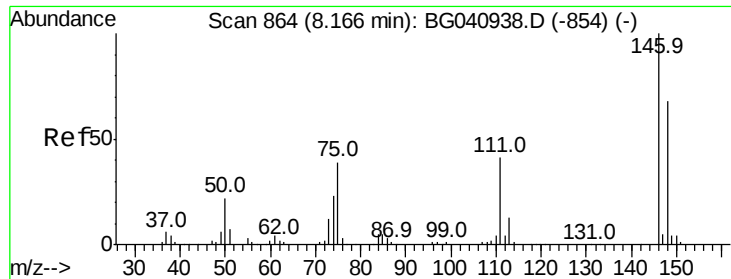
#12
1,3-Dichlorobenzene
Concen: 17.883 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion: 146 Resp: 51103
Ion Ratio Lower Upper
146 100
148 68.9 49.2 73.8
75 39.5 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

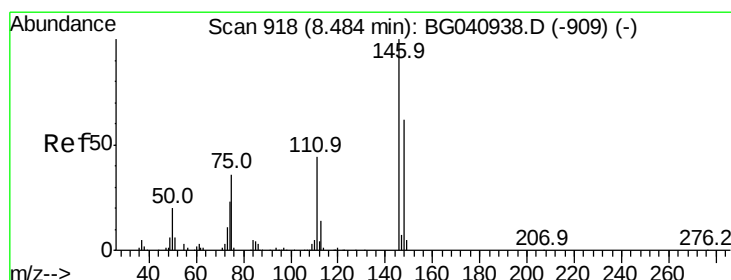
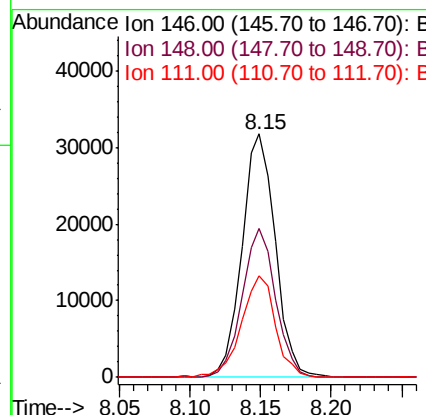
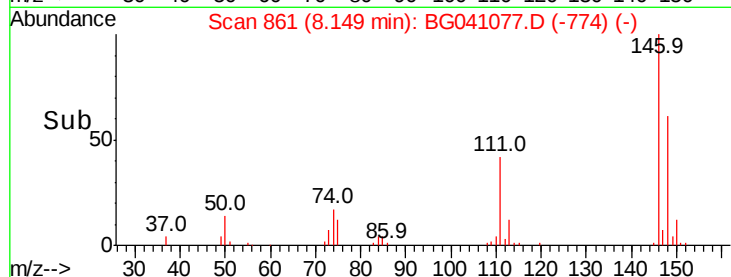
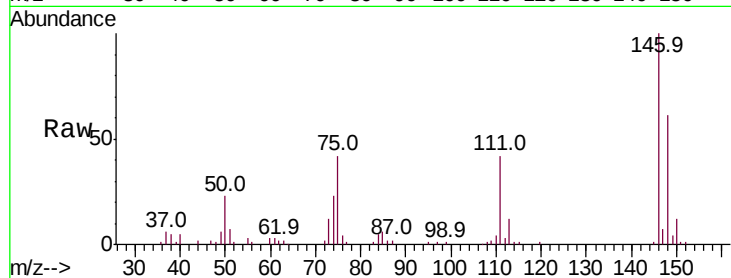




#13
 1,4-Dichlorobenzene
 Concen: 18.097 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

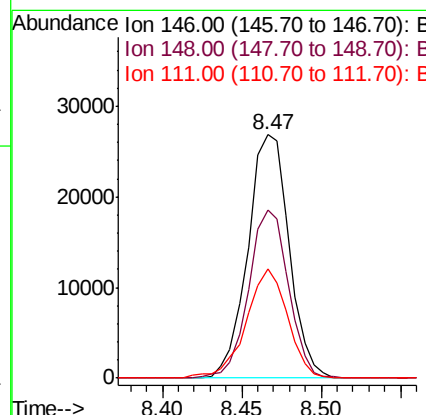
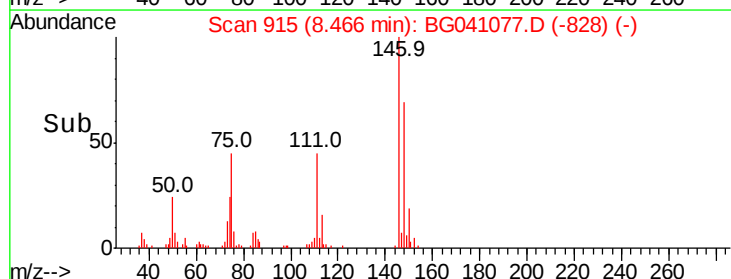
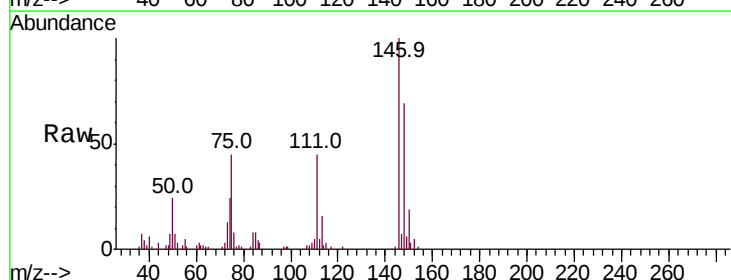
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

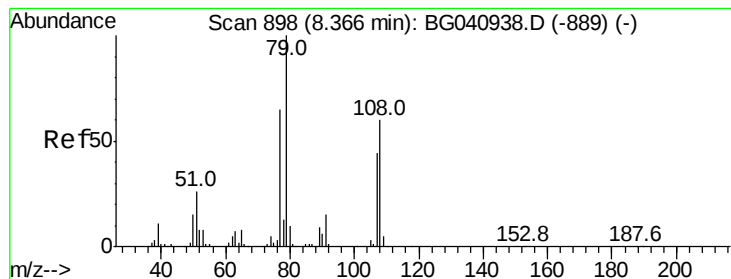
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	54.2	81.4
111	41.8	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 17.308 ng
 RT: 8.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	49.8	74.6
111	44.8	35.0	52.4





#15

Benzyl Alcohol

Concen: 16.549 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

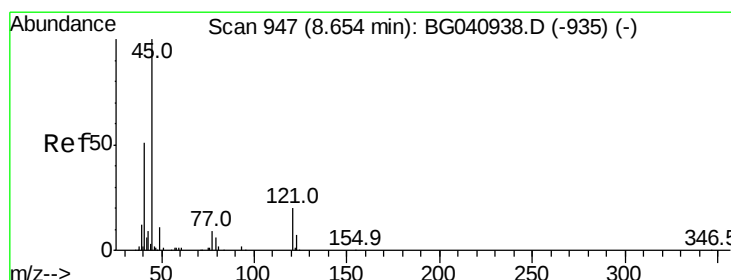
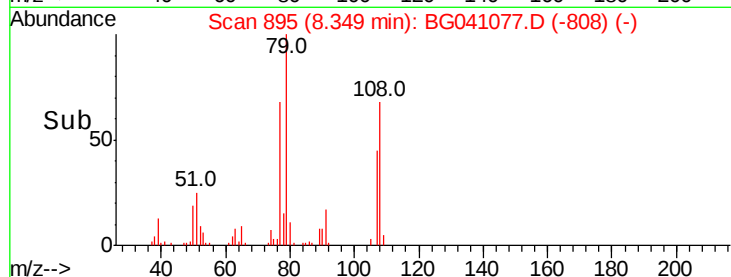
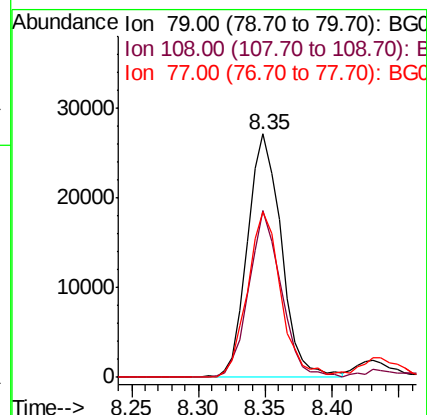
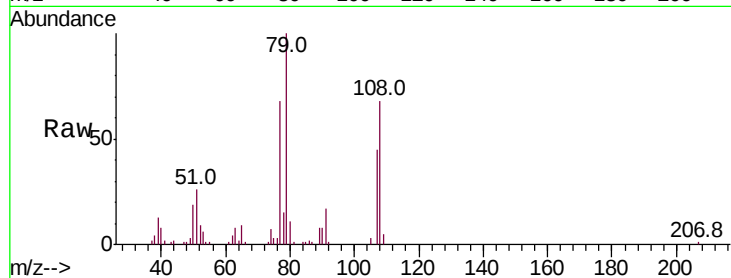
Tot Ion: 79 Resp: 47447

Ion Ratio Lower Upper

79 100

108 68.4 48.3 72.5

77 68.1 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.803 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

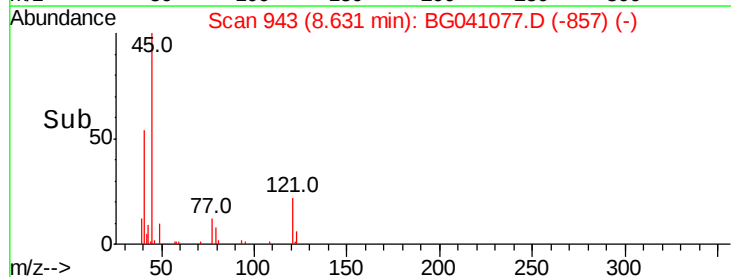
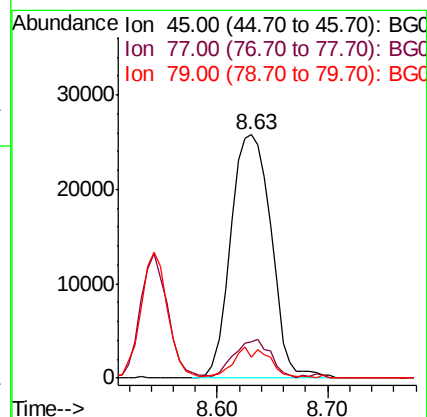
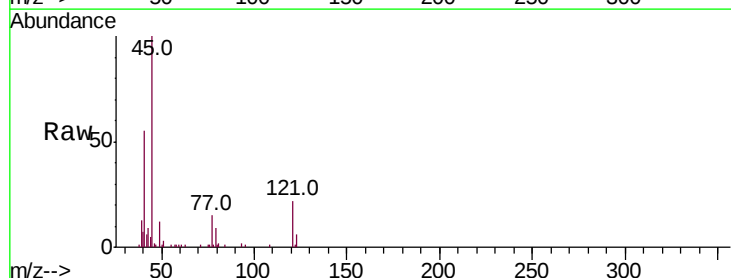
Tgt Ion: 45 Resp: 66194

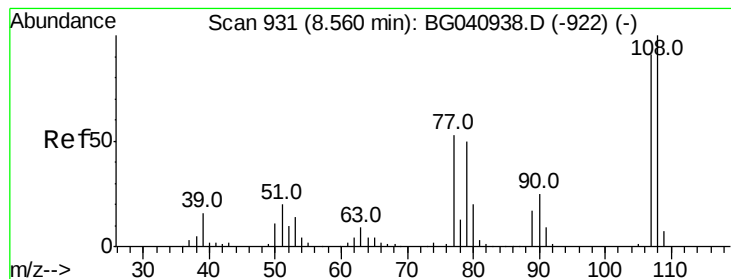
Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.7

79 8.7 0.0 30.2





#17

2-Methylphenol

Concen: 16.598 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:107 Resp: 39937

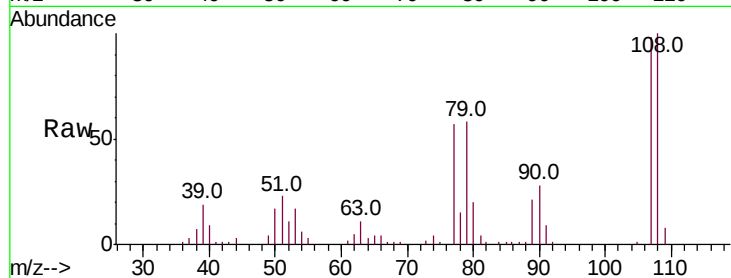
Ion Ratio Lower Upper

107 100

108 101.8 87.7 131.5

77 57.9 46.6 70.0

79 58.9 44.6 66.8

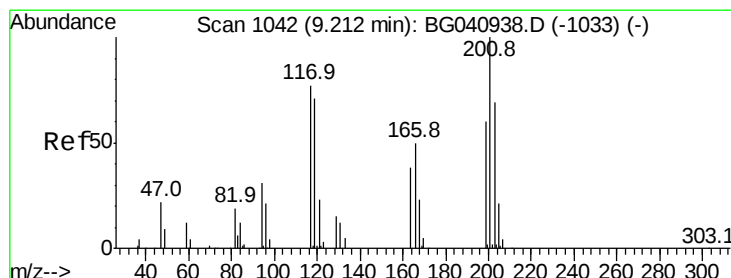
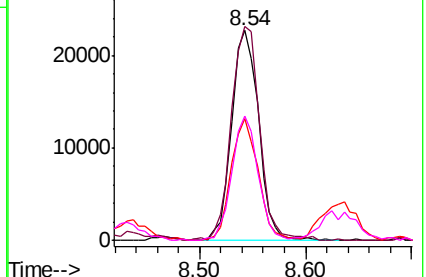
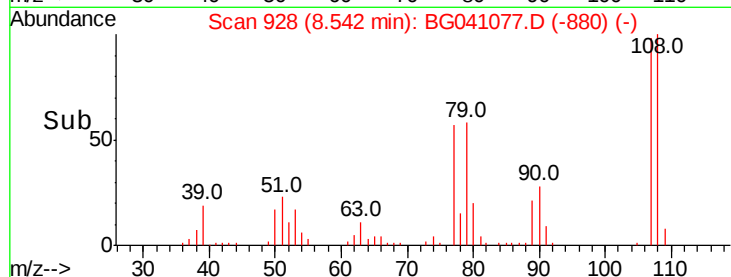


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 17.471 ng

RT: 9.19 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

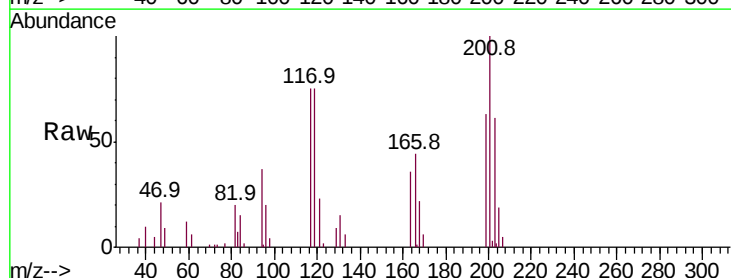
Tgt Ion:117 Resp: 19478

Ion Ratio Lower Upper

117 100

119 100.6 75.0 112.6

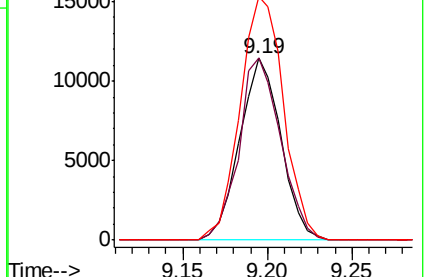
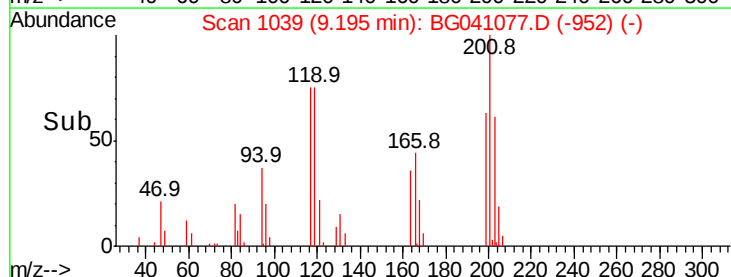
201 137.8 103.5 155.3

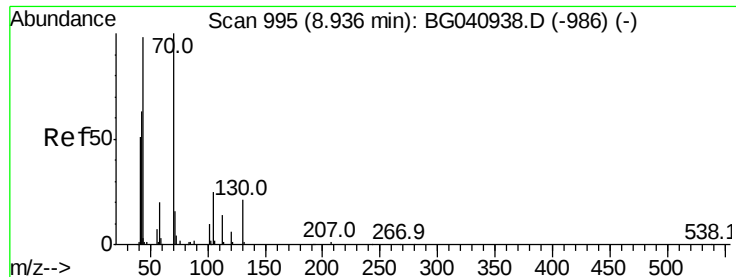


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.171 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion: 70 Resp: 38572

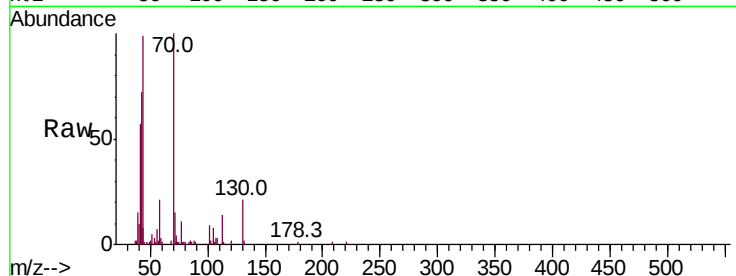
Ion Ratio Lower Upper

70 100

42 71.5 51.5 77.3

101 9.2 8.1 12.1

130 20.8 16.6 24.8

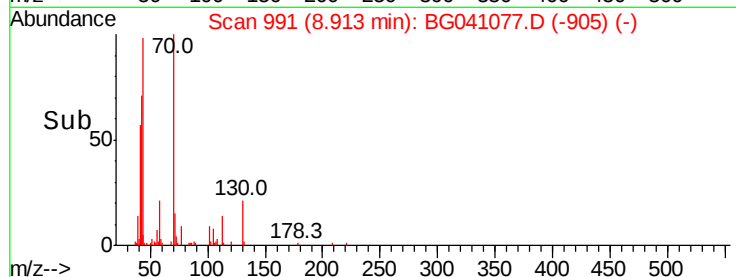
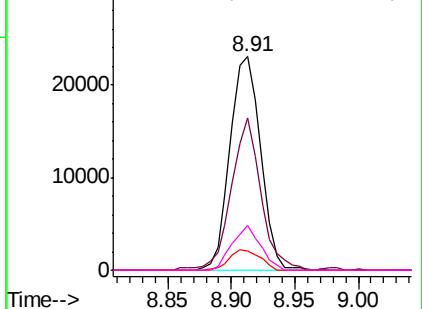


Abundance Ion 70.00 (69.70 to 70.70): BGC

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



#20

3+4-Methylphenols

Concen: 16.176 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:107 Resp: 53916

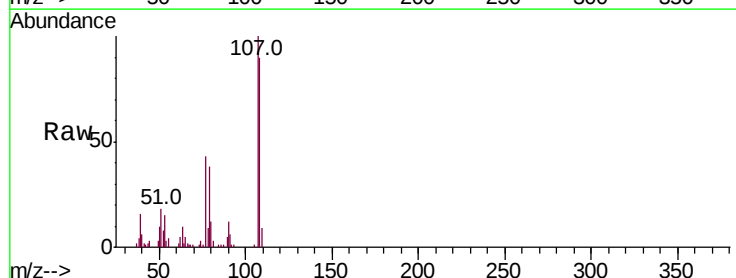
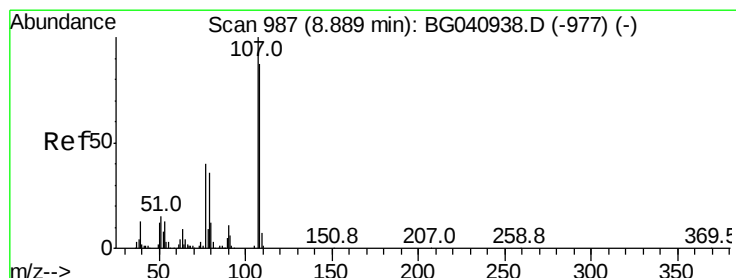
Ion Ratio Lower Upper

107 100

108 90.0 66.8 106.8

77 43.0 20.5 60.5

79 37.9 15.8 55.8

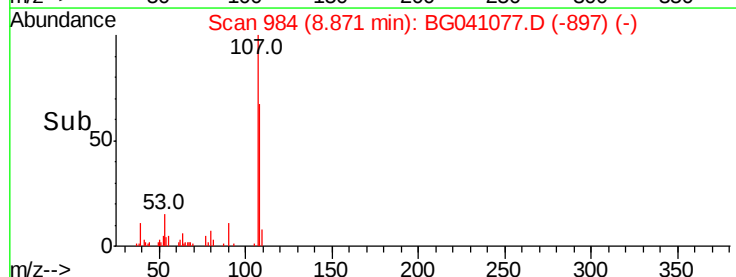
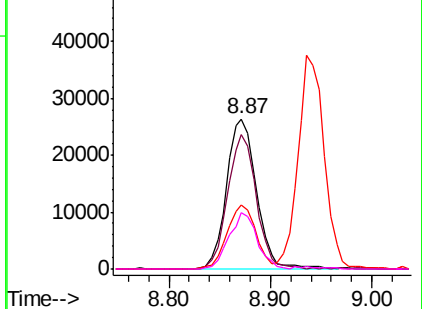


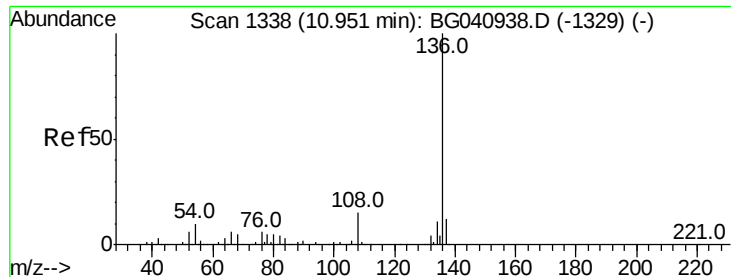
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

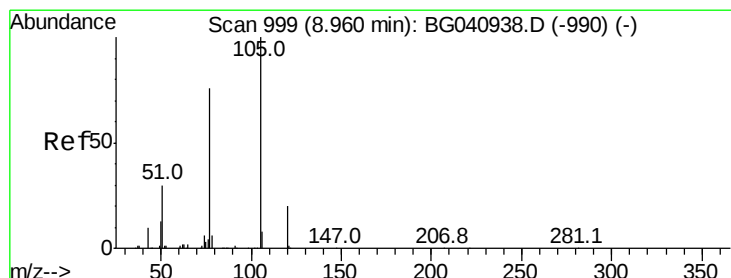
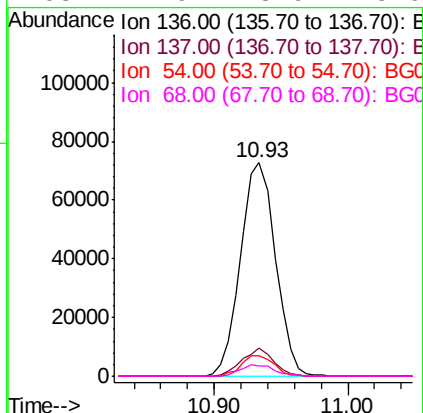
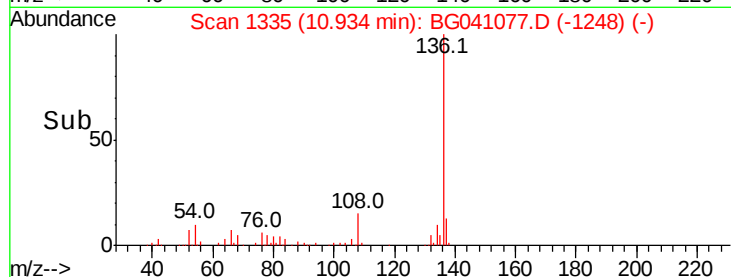
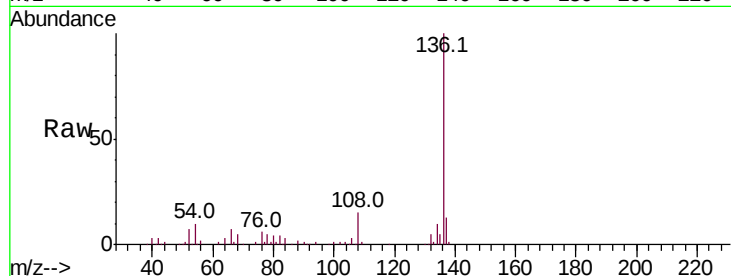




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

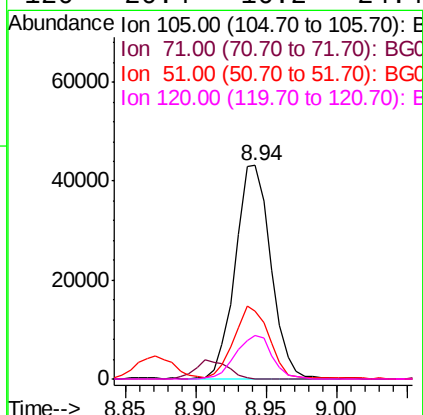
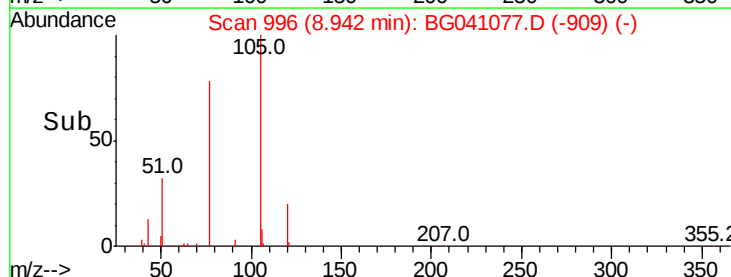
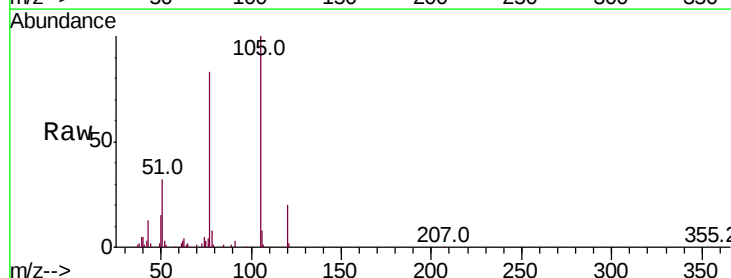
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:136	Resp:	132035
Ion Ratio	Lower	Upper
136	100	
137	13.0	9.5 14.3
54	10.1	7.6 11.4
68	4.9	3.9 5.9



#22
Acetophenone
Concen: 20.603 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion:105	Resp:	76309
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.4 0.6#
51	31.8	27.0 40.6
120	20.4	16.2 24.4

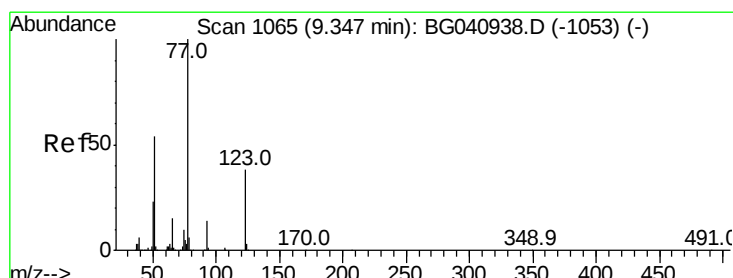
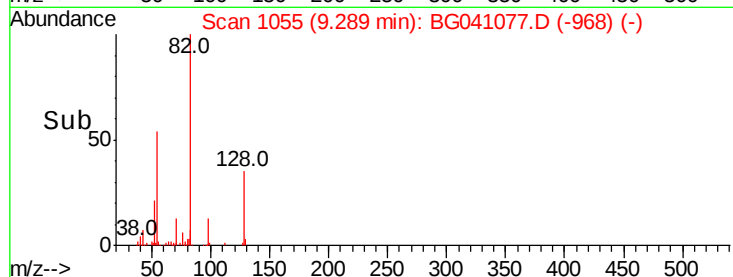
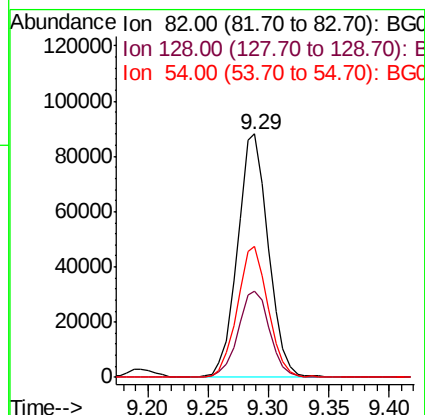
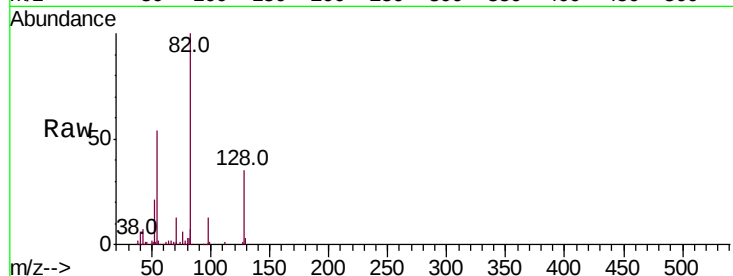




#23
 Nitrobenzene-d5
 Concen: 52.681 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

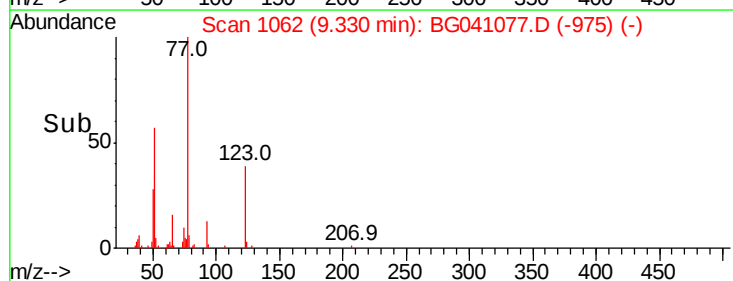
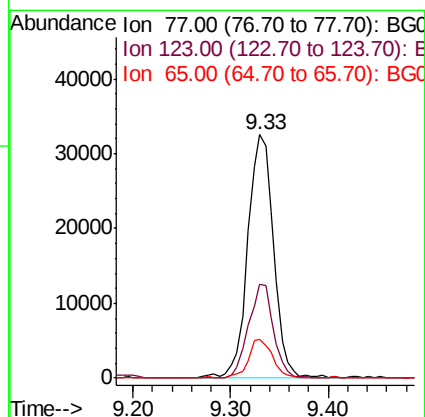
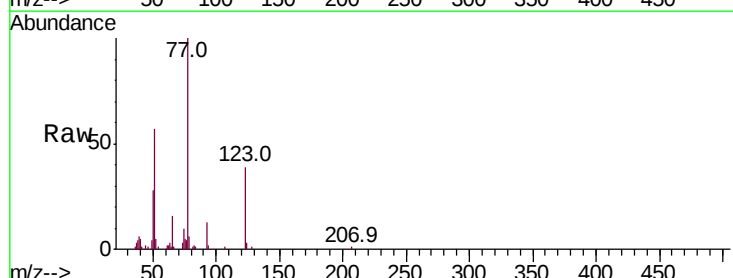
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

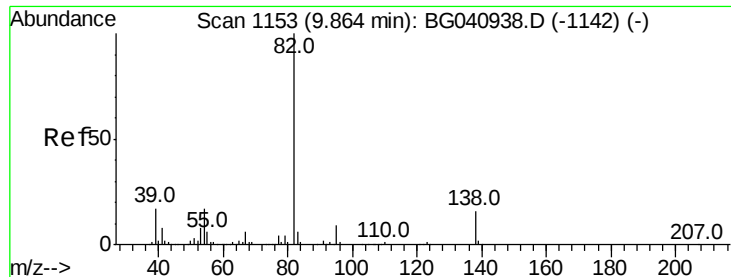
Tot Ion	82	Resp	156682
Ion Ratio	100	Lower	Upper
128	35.3	30.5	45.7
54	53.9	44.6	66.8



#24
 Nitrobenzene
 Concen: 19.960 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	77	Resp	60497
Ion Ratio	100	Lower	Upper
123	38.8	30.6	46.0
65	15.7	12.3	18.5





#25

Isophorone

Concen: 18.586 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

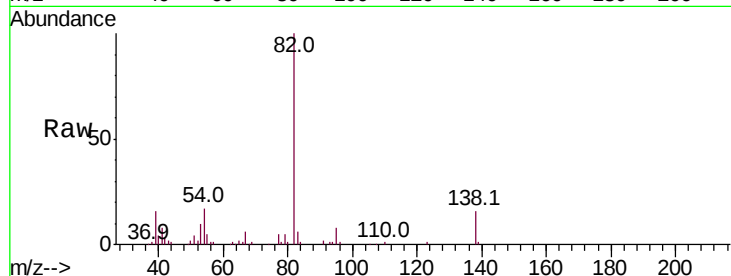
Tot Ion: 82 Resp: 105199

Ion Ratio Lower Upper

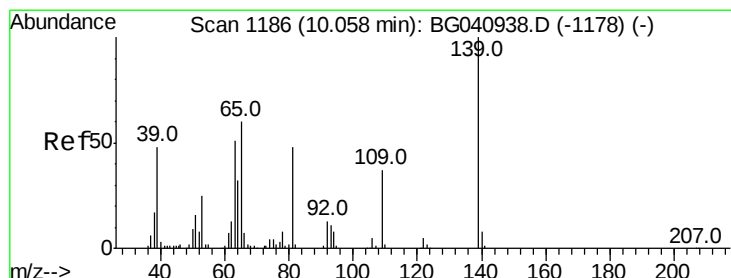
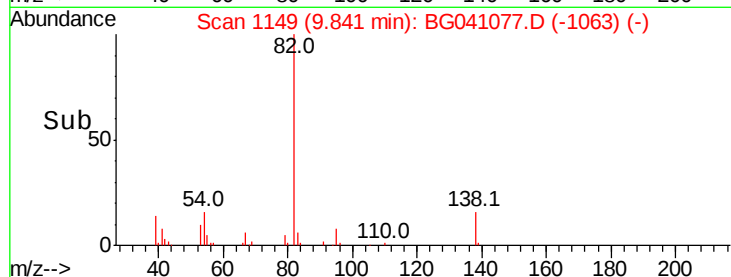
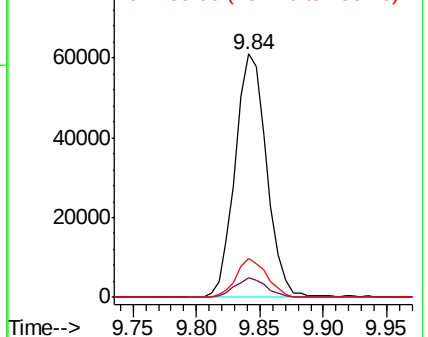
82 100

95 8.0 7.0 10.4

138 15.8 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 20.194 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

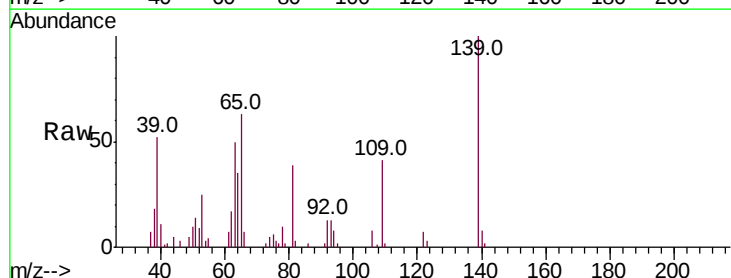
Tgt Ion: 139 Resp: 25233

Ion Ratio Lower Upper

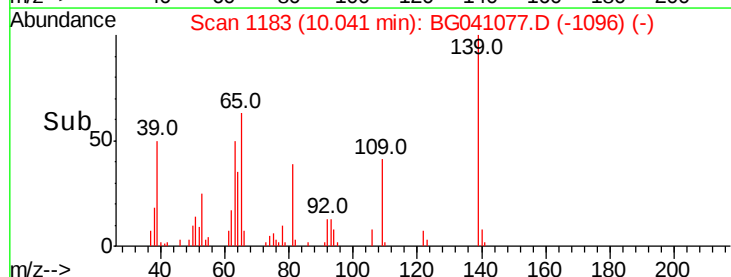
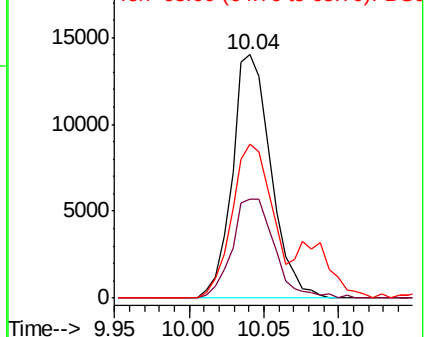
139 100

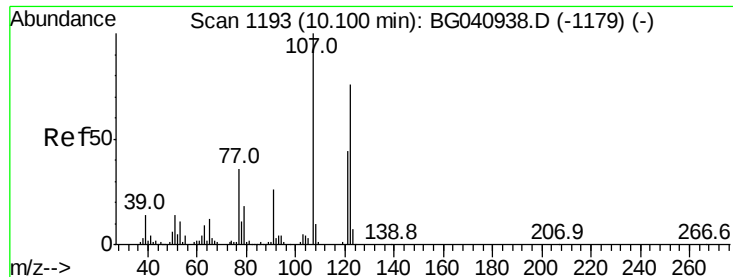
109 40.6 29.8 44.6

65 63.0 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

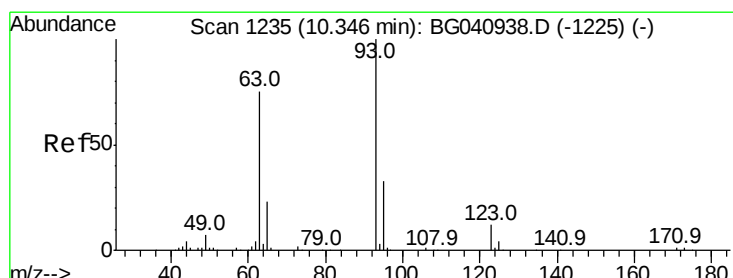
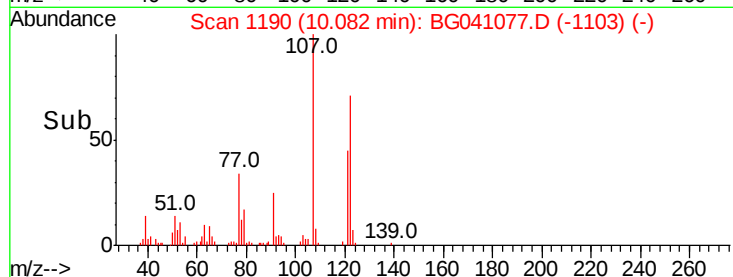
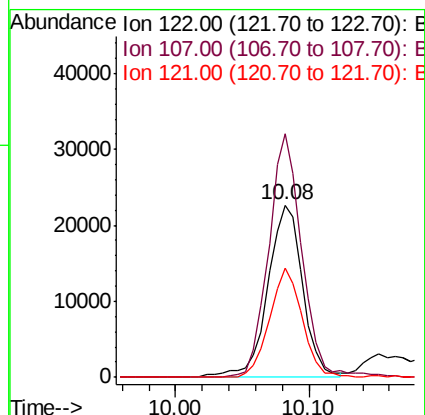
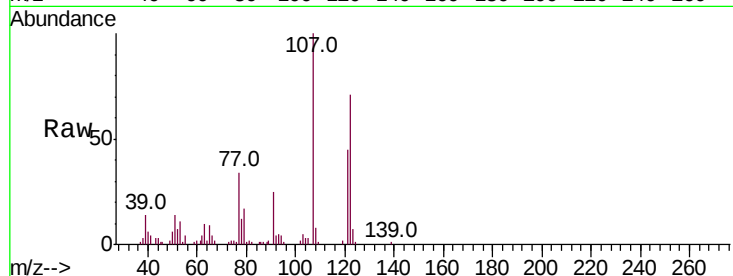




#27
2,4-Dimethylphenol
Concen: 19.939 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

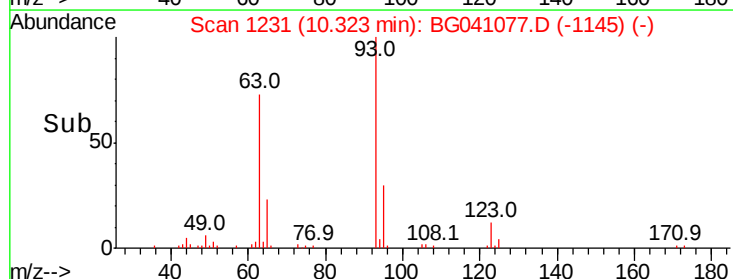
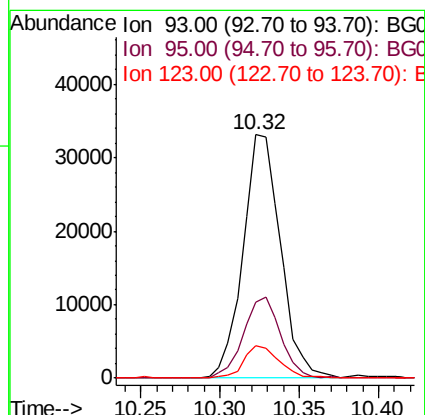
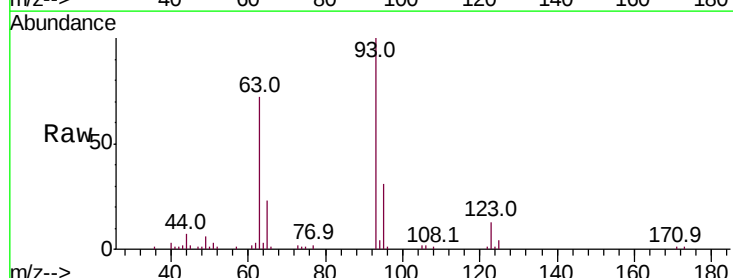
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

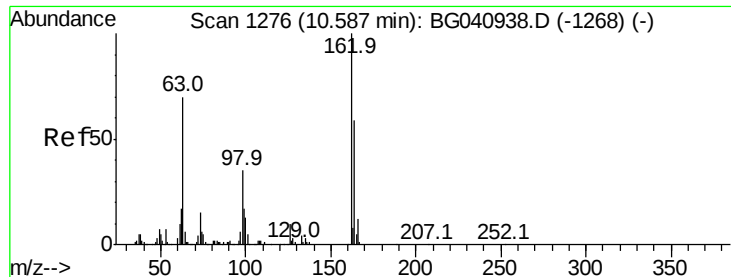
Tot Ion:122 Resp: 41147
Ion Ratio Lower Upper
122 100
107 141.4 105.9 158.9
121 63.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 17.822 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion: 93 Resp: 54443
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.2
123 13.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 18.005 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

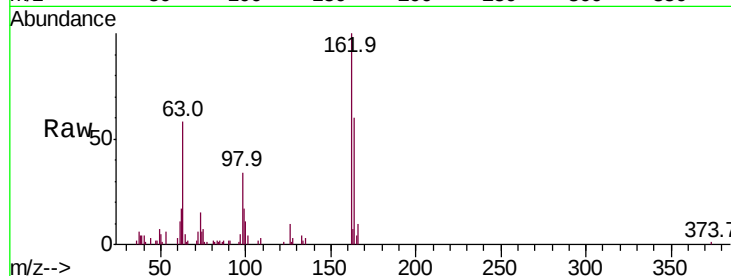
Tot Ion:162 Resp: 47184

Ion Ratio Lower Upper

162 100

164 59.7 39.4 79.4

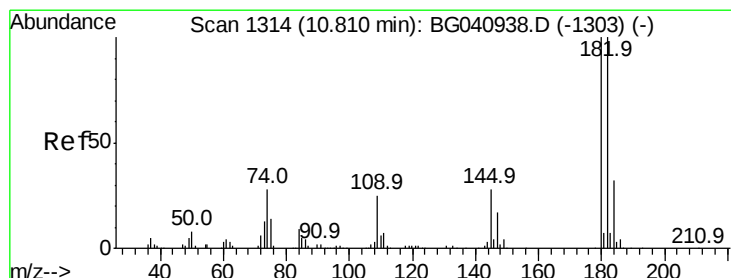
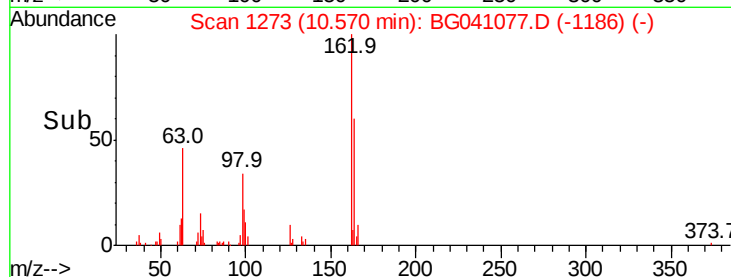
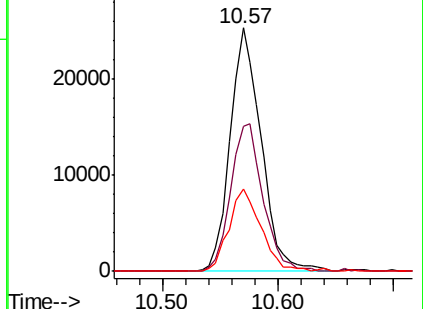
98 33.7 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 18.931 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

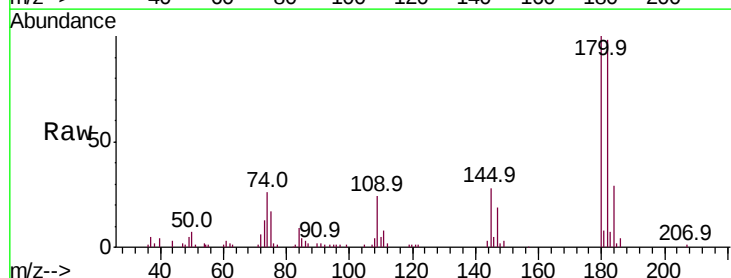
Tgt Ion:180 Resp: 56436

Ion Ratio Lower Upper

180 100

182 97.6 79.7 119.5

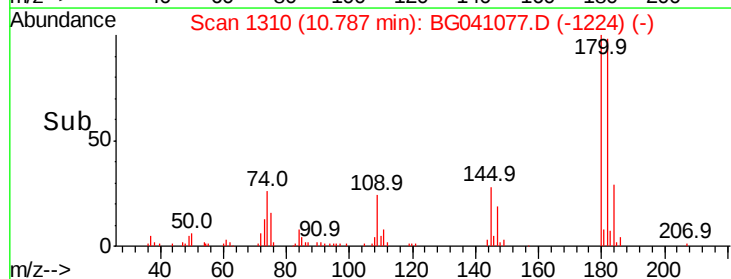
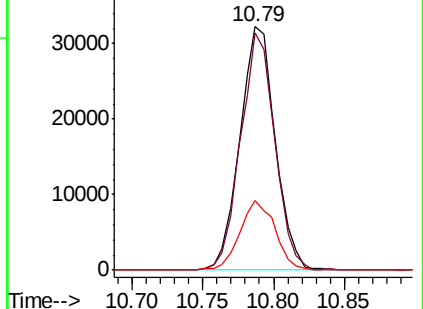
145 28.4 22.6 34.0

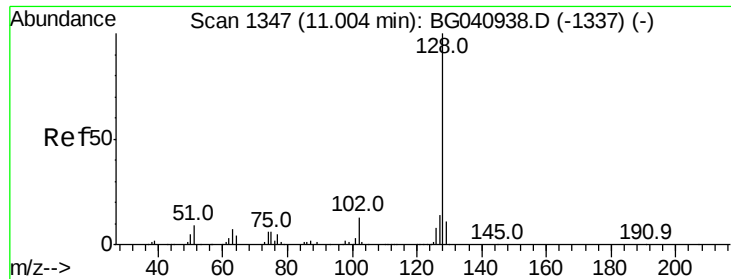


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

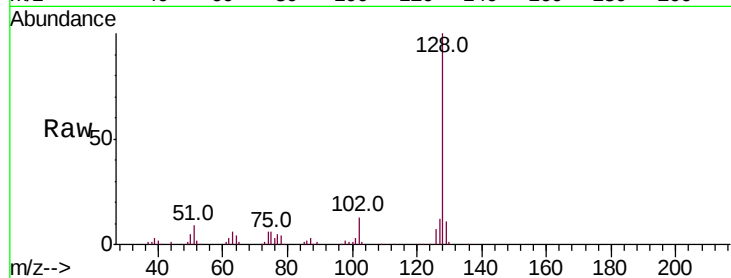




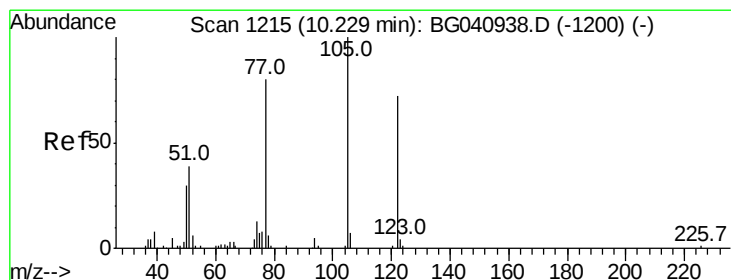
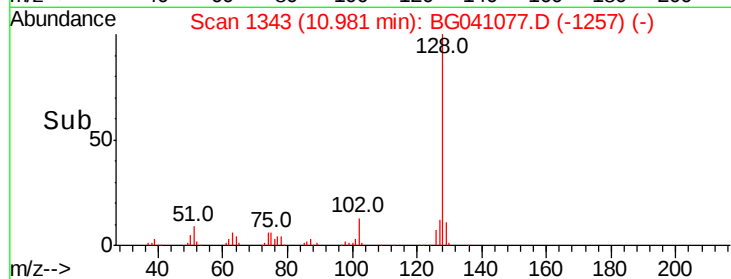
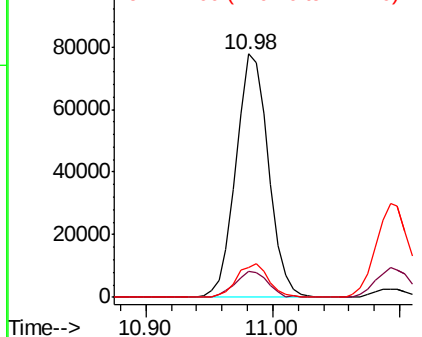
#31
Naphthalene
Concen: 19.436 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:128 Resp: 137784
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.4 11.4 17.2

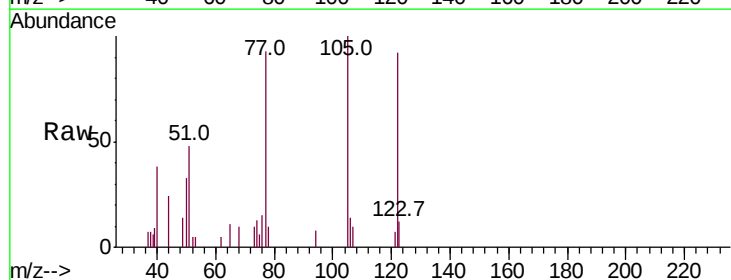


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

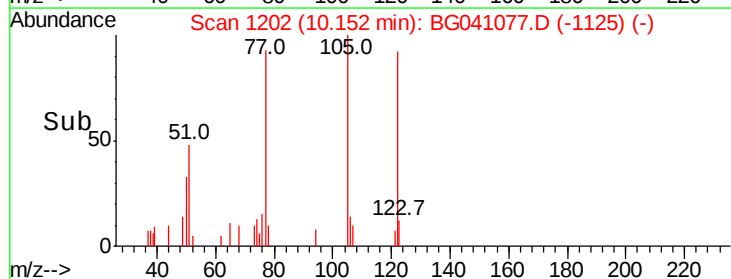
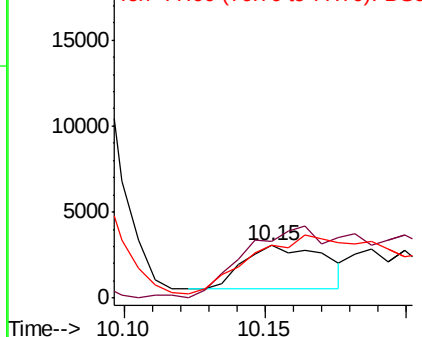


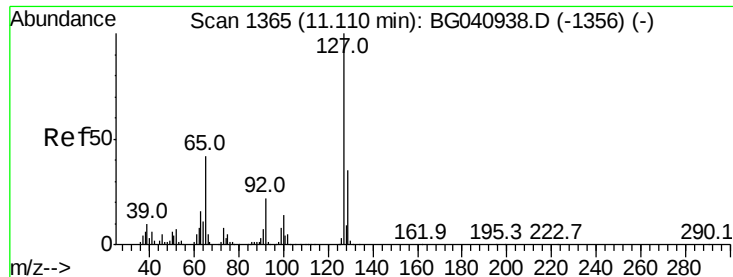
#32
Benzoic acid
Concen: 10.715 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.08 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion:122 Resp: 4994
Ion Ratio Lower Upper
122 100
105 96.3 114.8 154.8#
77 89.8 89.9 129.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

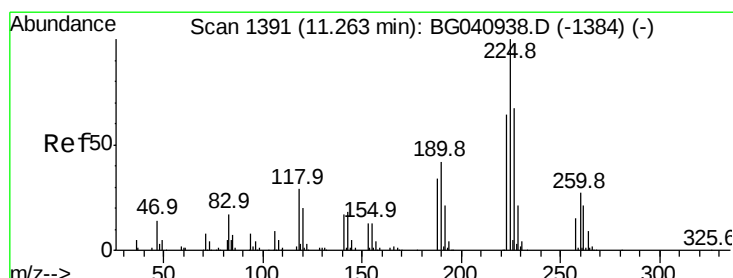
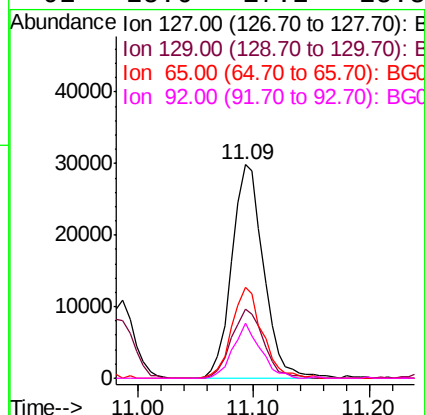
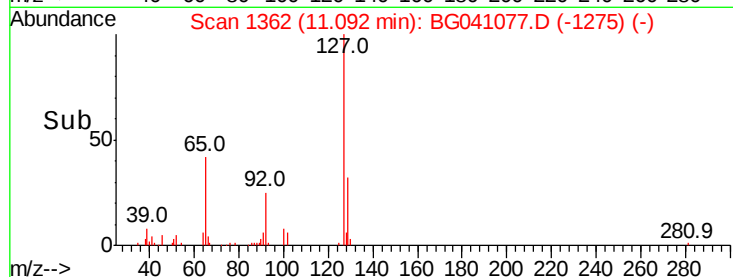
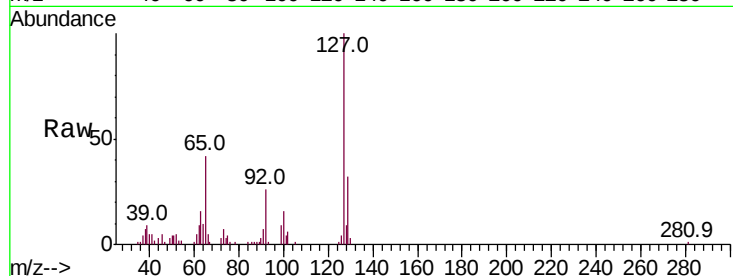




#33
4-Chloroaniline
Concen: 17.353 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

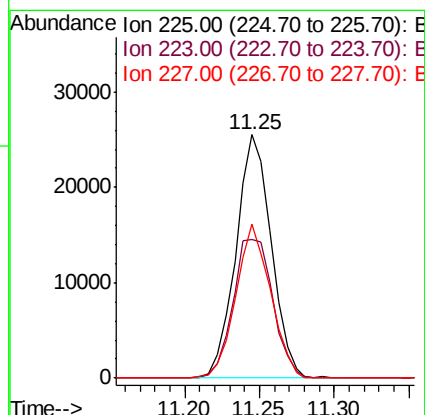
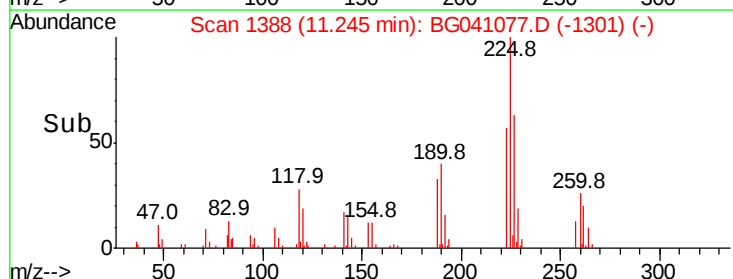
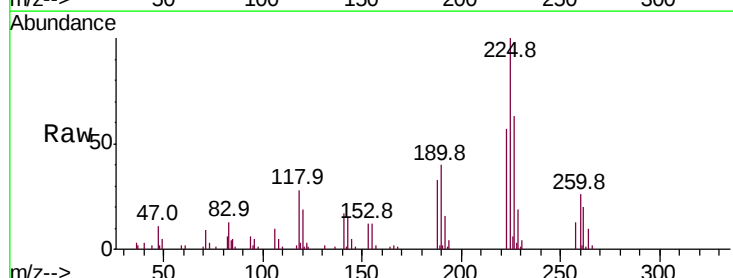
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

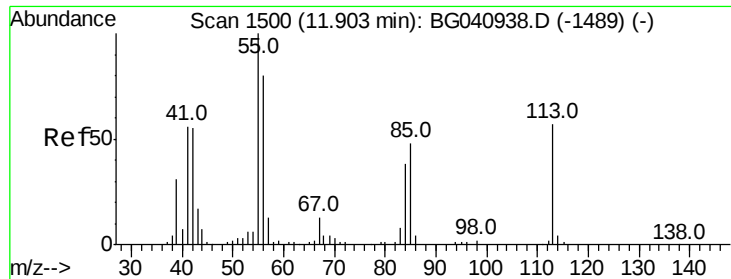
Tot Ion:127	Resp:	57078	
Ion Ratio	Lower	Upper	
127 100			
129 32.2	27.7	41.5	
65 42.4	33.2	49.8	
92 25.6	17.2	25.8	



#34
Hexachlorobutadiene
Concen: 18.347 ng
RT: 11.25 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion:225	Resp: 41849
Ion Ratio	Lower Upper
225 100	
223 56.8	48.8 73.2
227 63.3	51.4 77.0

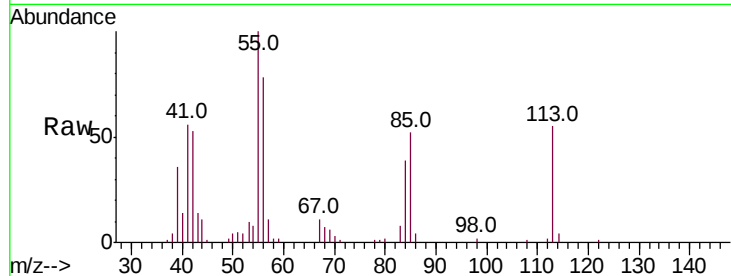




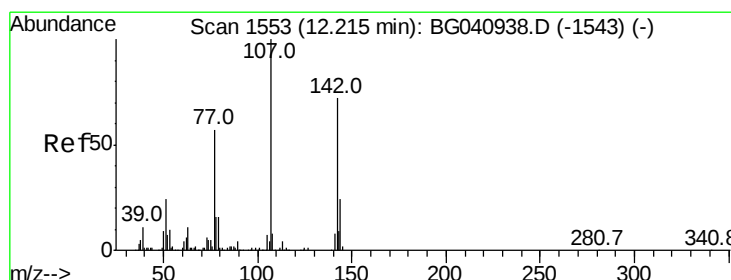
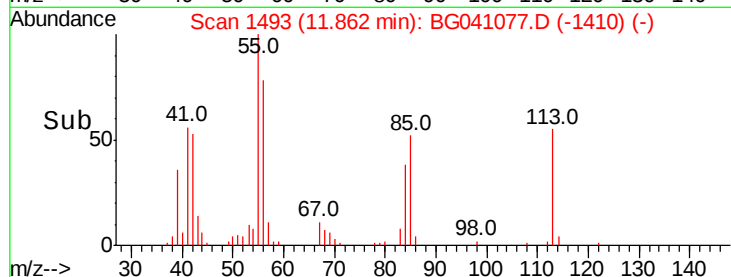
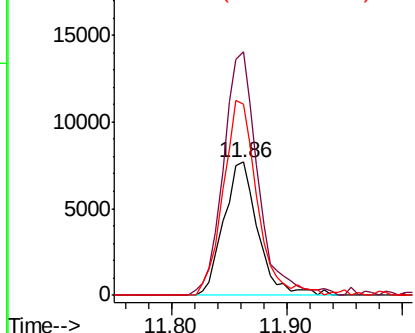
#35
 Caprolactam
 Concen: 18.158 ng
 RT: 11.86 min Scan# 1493
 Delta R.T. -0.04 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:113 Resp: 15714
 Ion Ratio Lower Upper
 113 100
 55 182.9 155.9 195.9
 56 143.1 119.9 159.9

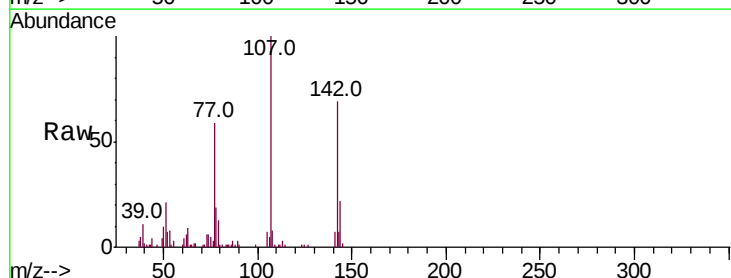


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

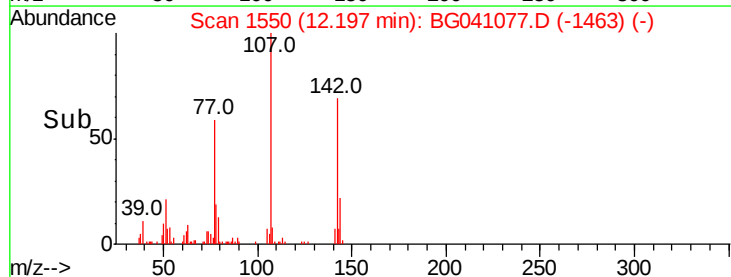
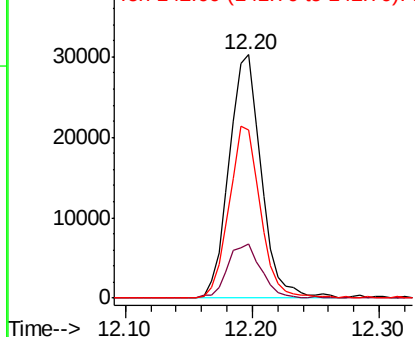


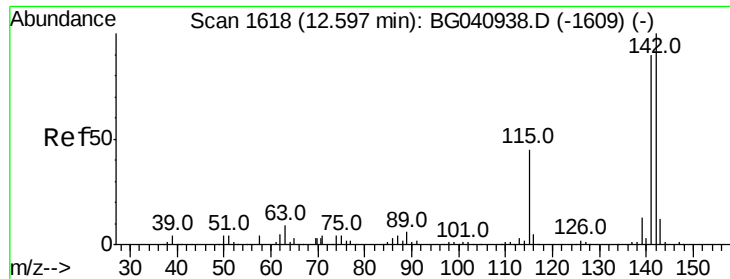
#36
 4-Chloro-3-methylphenol
 Concen: 17.770 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:107 Resp: 53184
 Ion Ratio Lower Upper
 107 100
 144 22.0 19.4 29.0
 142 69.3 57.3 85.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

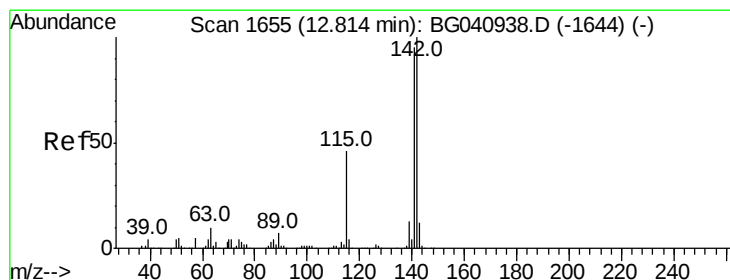
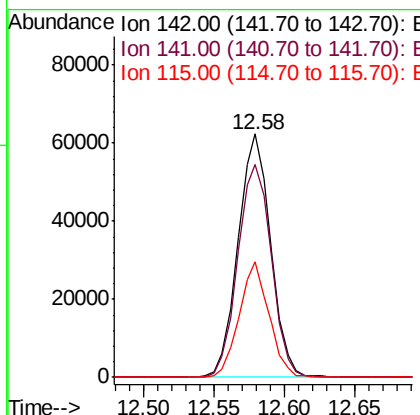
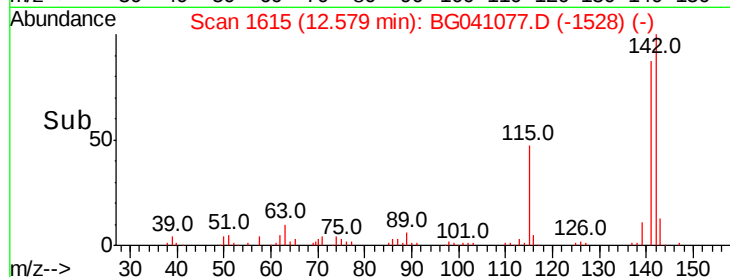
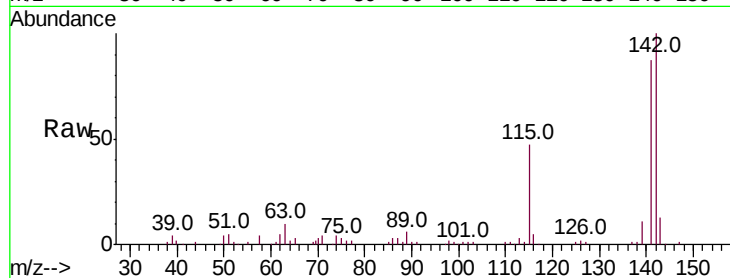




#37
2-Methylnaphthalene
Concen: 18.345 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

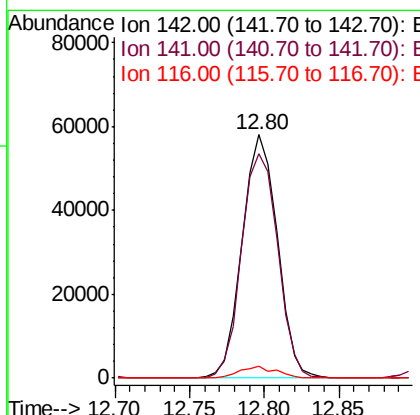
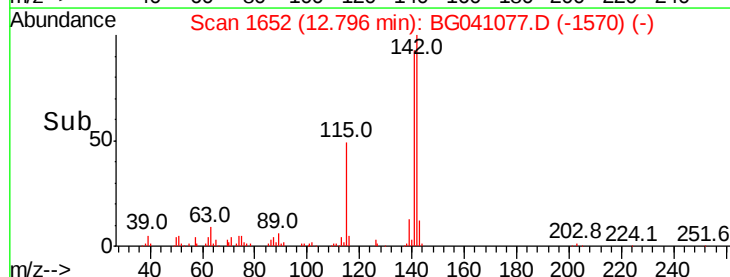
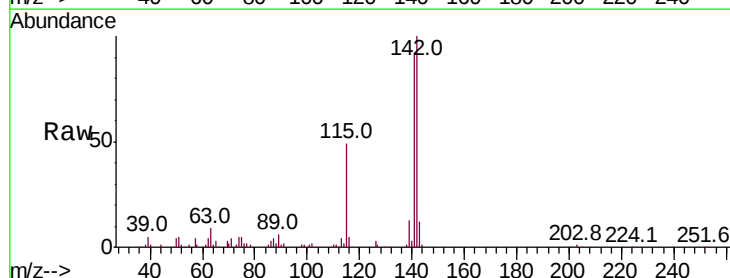
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

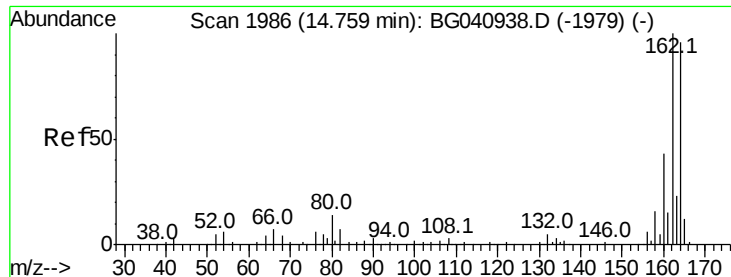
Tot Ion:142 Resp: 100162
Ion Ratio Lower Upper
142 100
141 87.4 72.2 108.4
115 47.4 36.2 54.4



#38
1-Methylnaphthalene
Concen: 18.447 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion:142 Resp: 94908
Ion Ratio Lower Upper
142 100
141 92.3 75.7 113.5
116 5.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

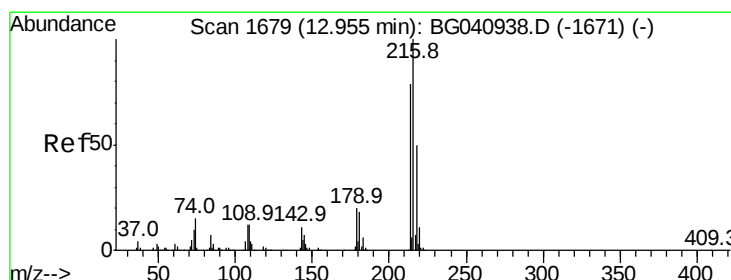
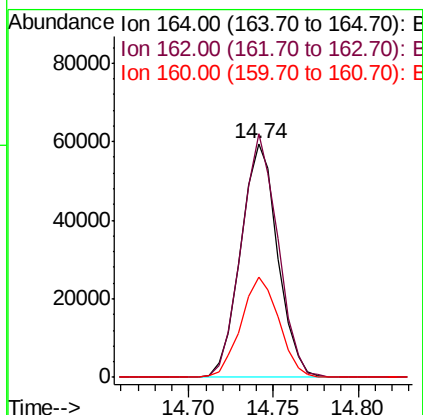
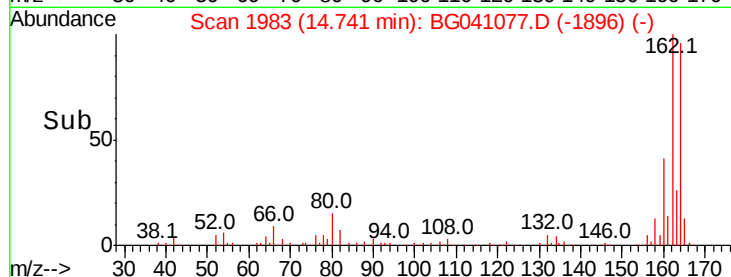
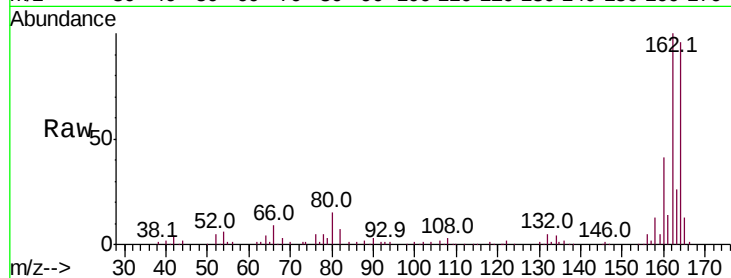
Tot Ion:164 Resp: 90311

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

160 42.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.209 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:216 Resp: 77202

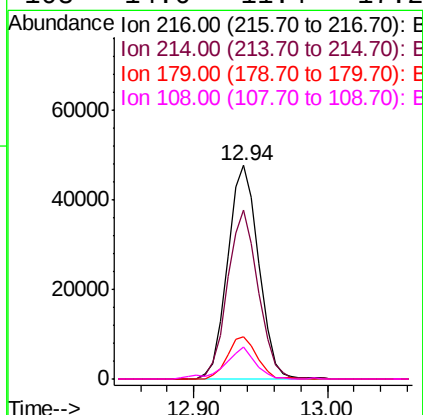
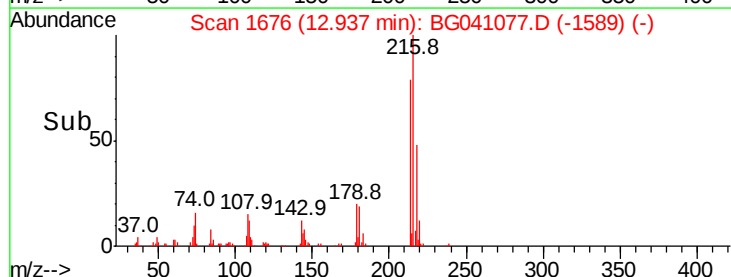
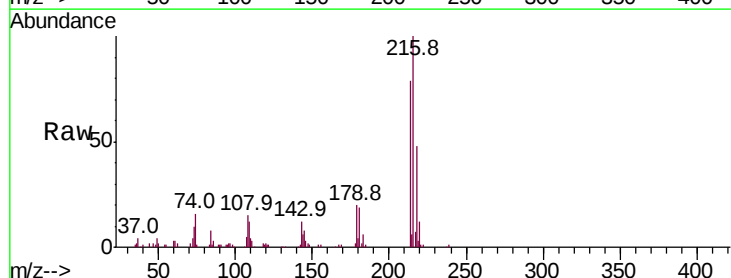
Ion Ratio Lower Upper

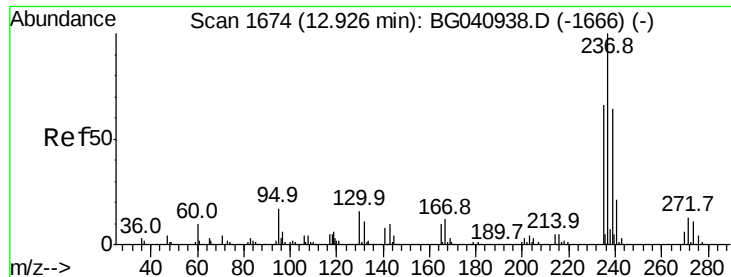
216 100

214 78.1 63.4 95.2

179 18.9 15.2 22.8

108 14.6 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 23.621 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

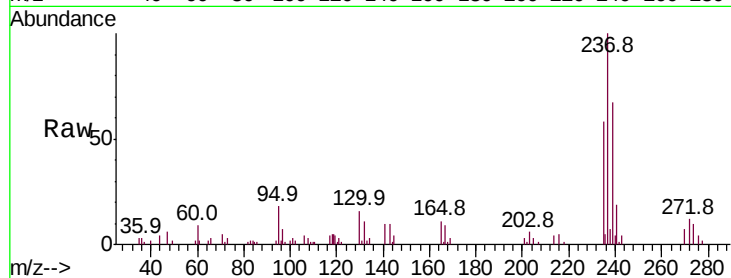
Tot Ion:237 Resp: 33560

Ion Ratio Lower Upper

237 100

235 58.1 45.5 85.5

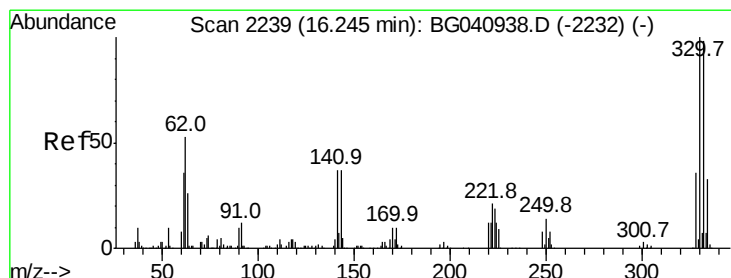
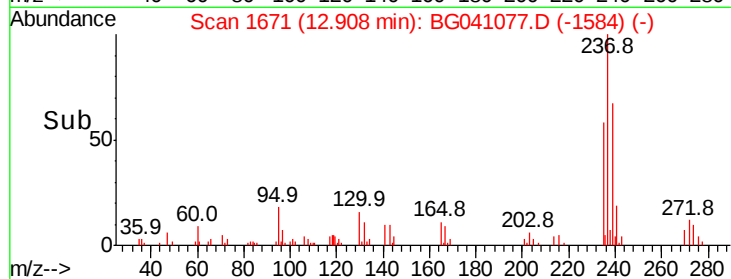
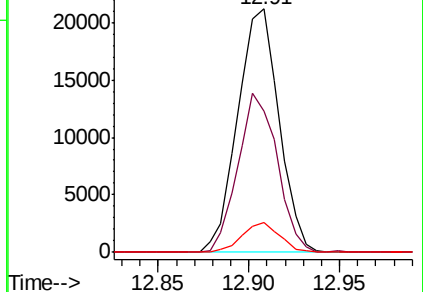
272 12.0 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.508 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

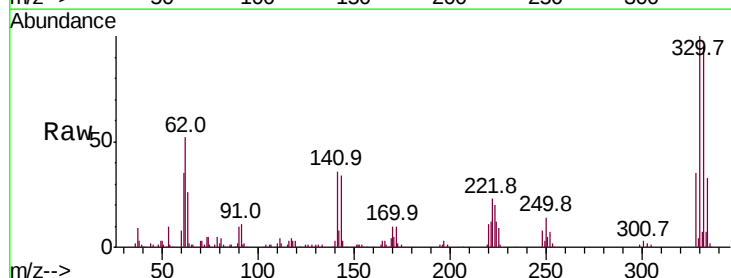
Tgt Ion:330 Resp: 117324

Ion Ratio Lower Upper

330 100

332 95.5 78.5 117.7

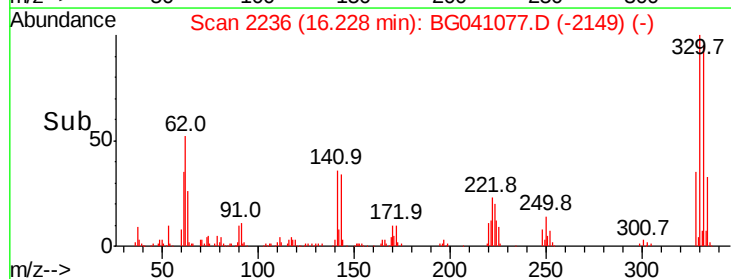
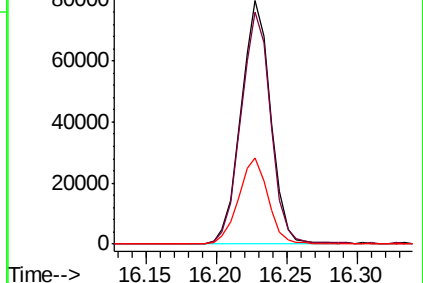
141 34.9 28.7 43.1

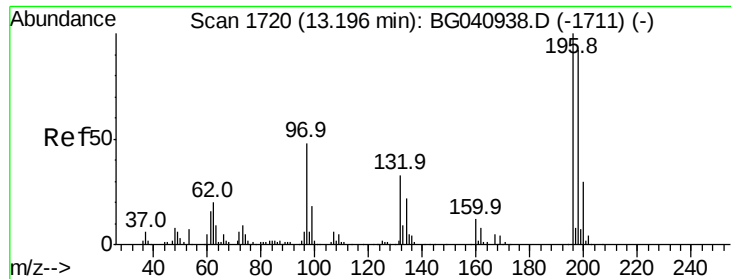


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

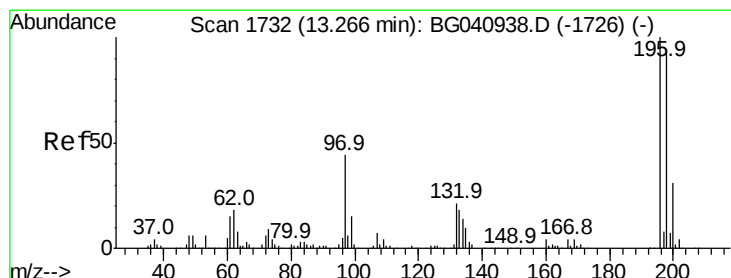
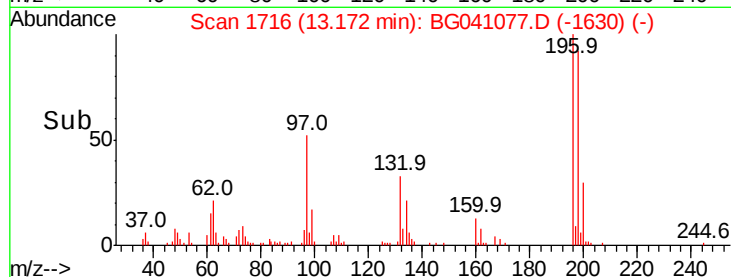
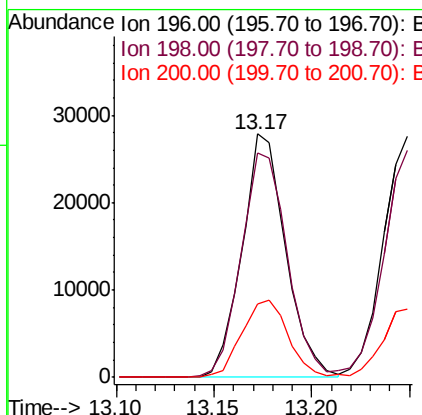
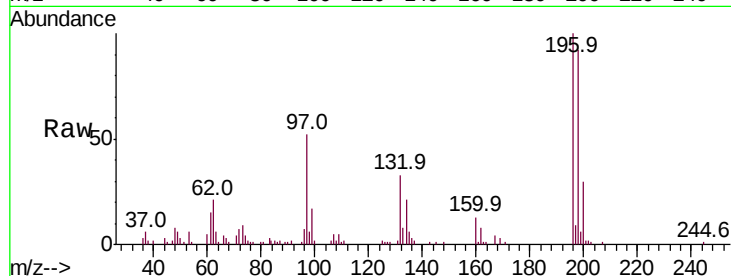




#43
 2,4,6-Trichlorophenol
 Concen: 18.407 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

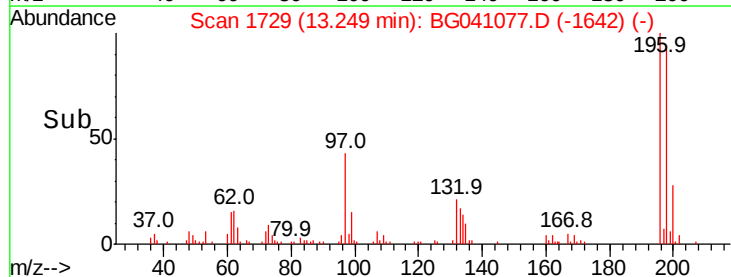
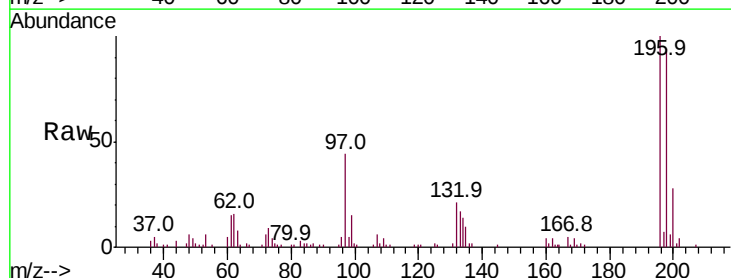
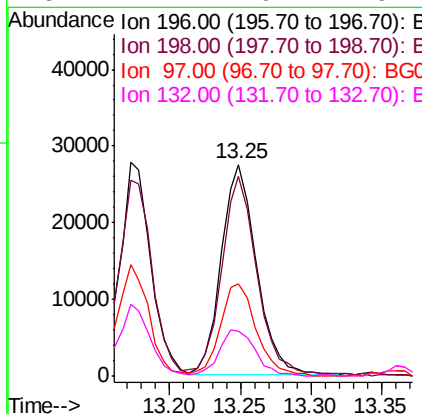
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

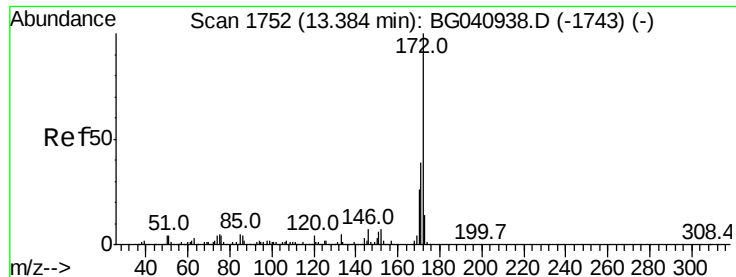
Tot Ion:196 Resp: 43345
 Ion Ratio Lower Upper
 196 100
 198 92.0 73.8 110.6
 200 29.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 19.173 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:196 Resp: 47614
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.1 112.7
 97 43.7 35.6 53.4
 132 21.2 16.7 25.1

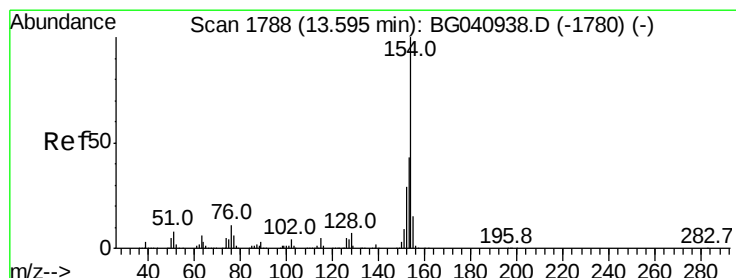
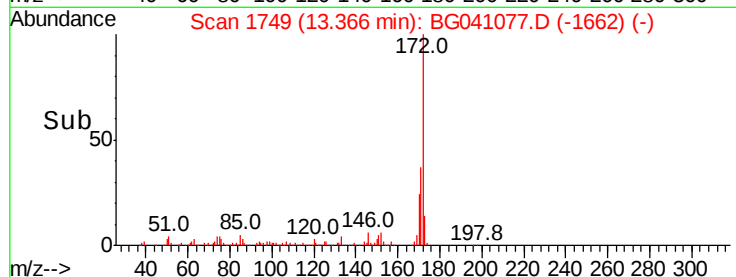
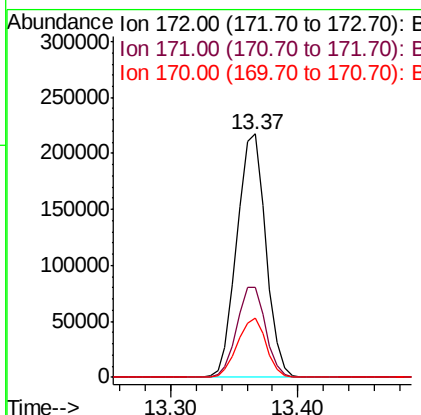
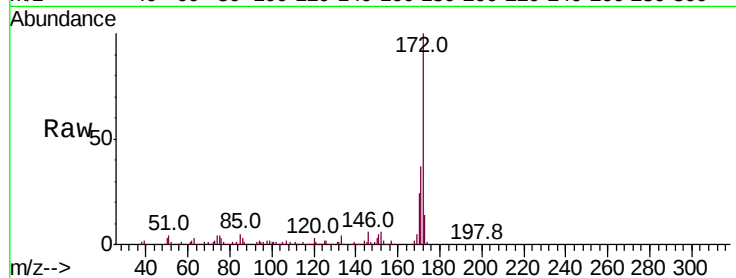




#45
2-Fluorobiphenyl
Concen: 54.734 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

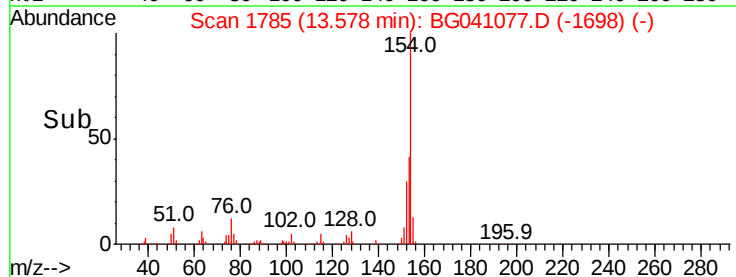
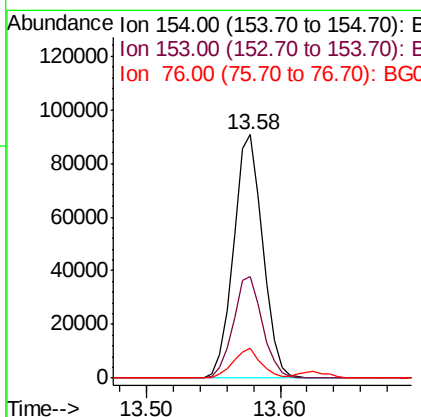
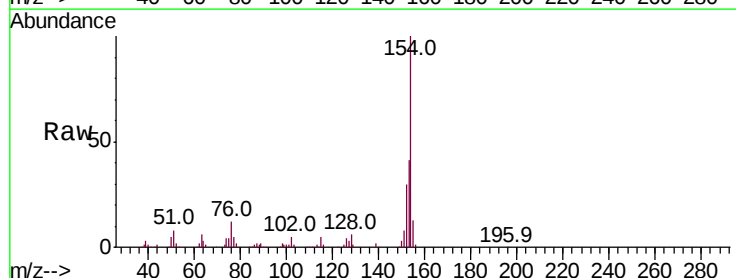
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

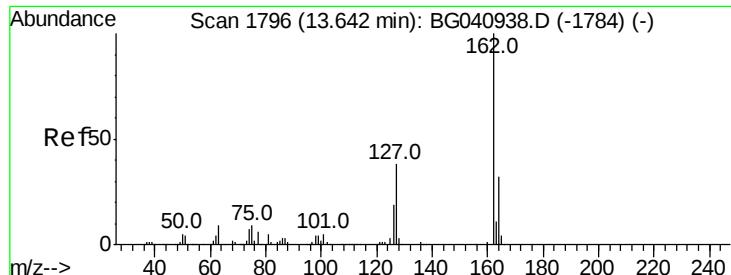
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.1	46.7
170	24.1	20.5	30.7



#46
1,1'-Biphenyl
Concen: 20.532 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	23.3	63.3
76	12.2	0.0	31.1





#47

2-Chloronaphthalene

Concen: 18.860 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

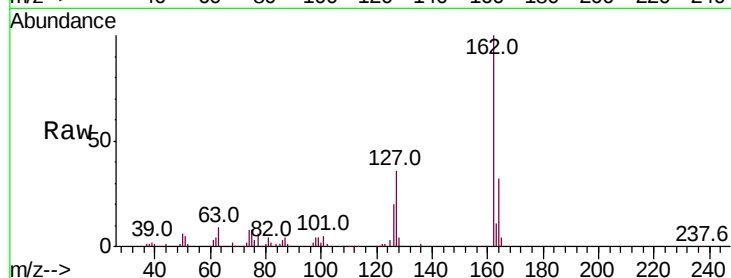
Tot Ion:162 Resp: 108235

Ion Ratio Lower Upper

162 100

127 35.9 30.5 45.7

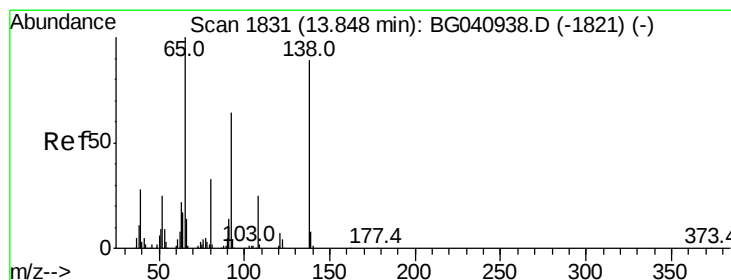
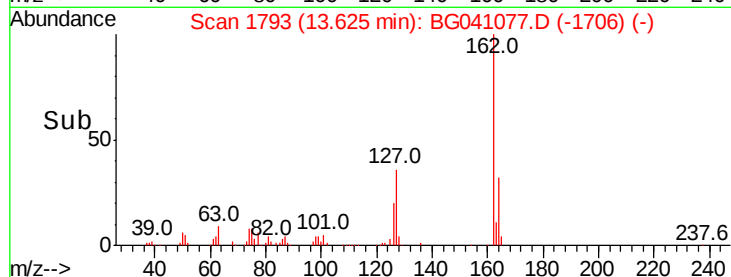
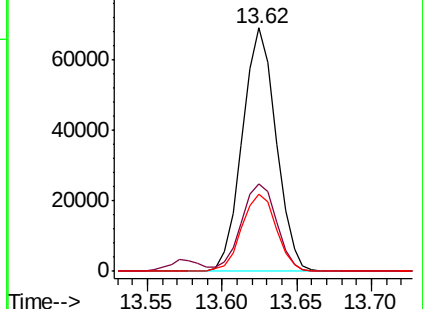
164 31.7 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 19.216 ng

RT: 13.83 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

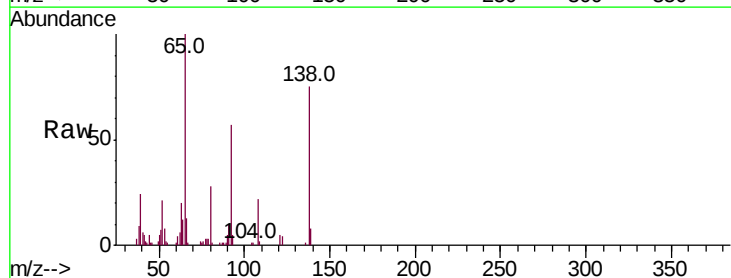
Tgt Ion: 65 Resp: 39563

Ion Ratio Lower Upper

65 100

92 56.5 51.0 76.6

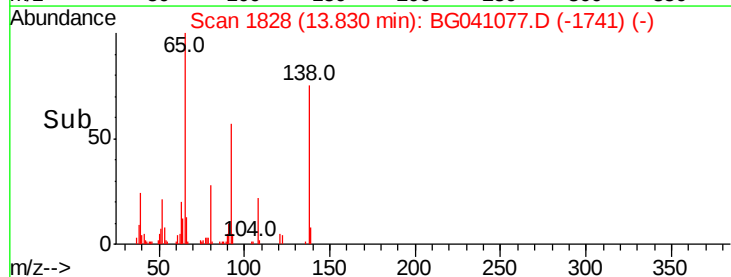
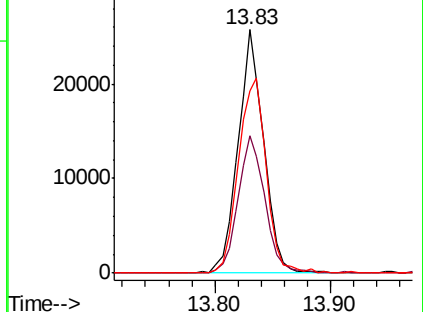
138 74.8 71.2 106.8

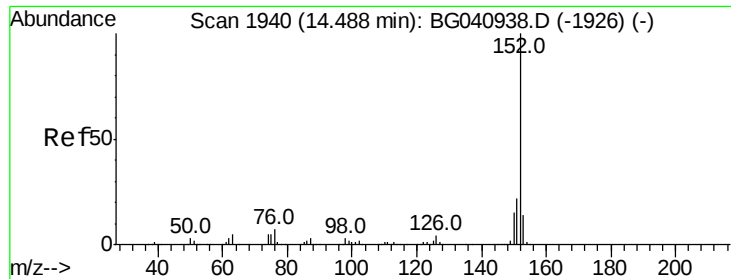


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 19.314 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

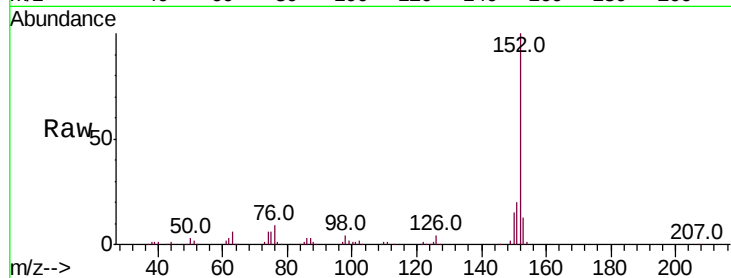
Tot Ion:152 Resp: 166828

Ion Ratio Lower Upper

152 100

151 20.1 17.4 26.0

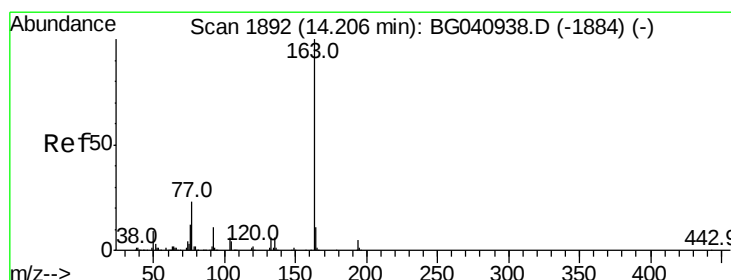
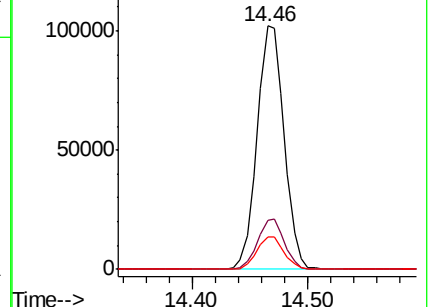
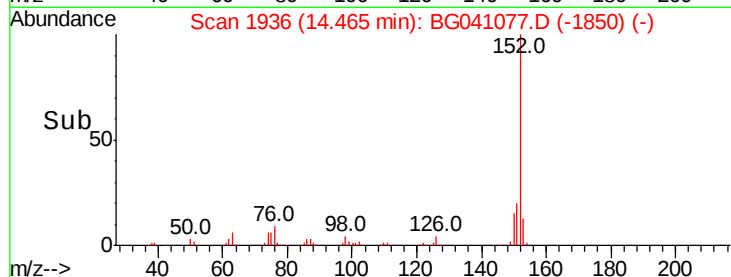
153 13.5 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 18.021 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

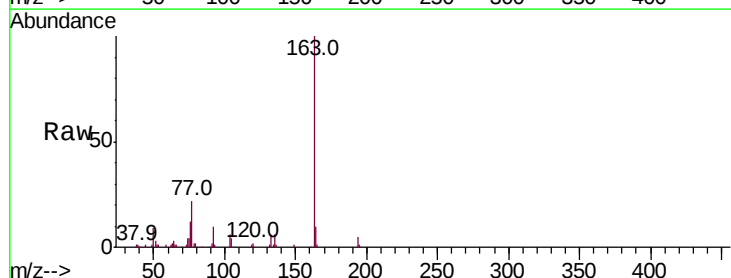
Tgt Ion:163 Resp: 137768

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

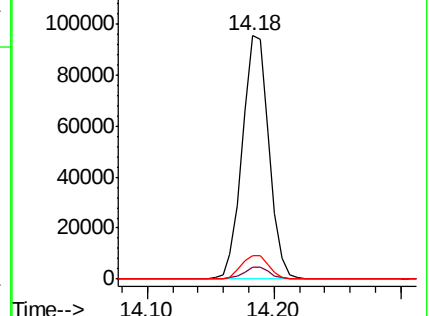
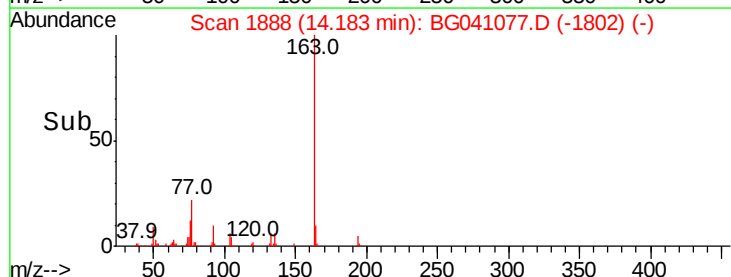
164 9.9 8.7 13.1

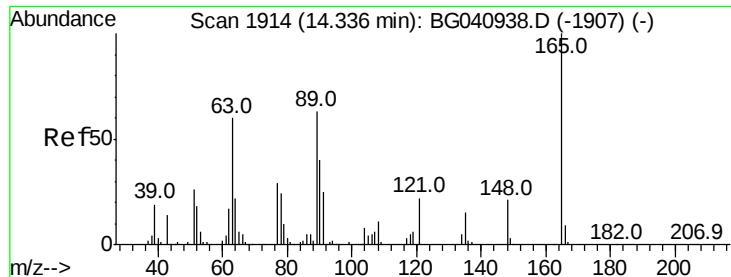


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

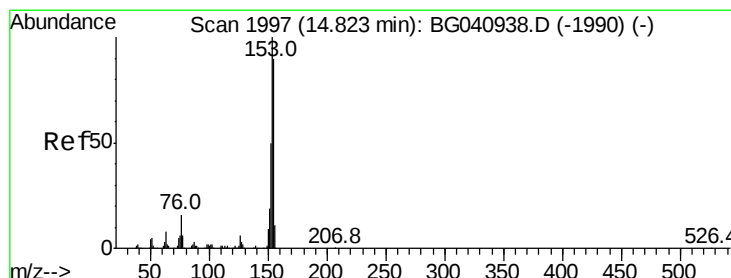
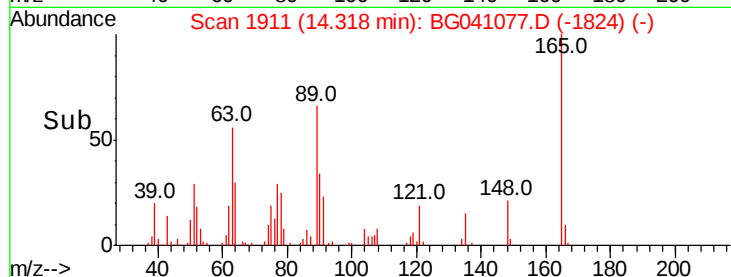
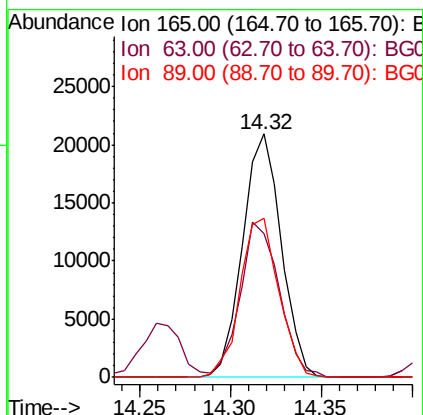
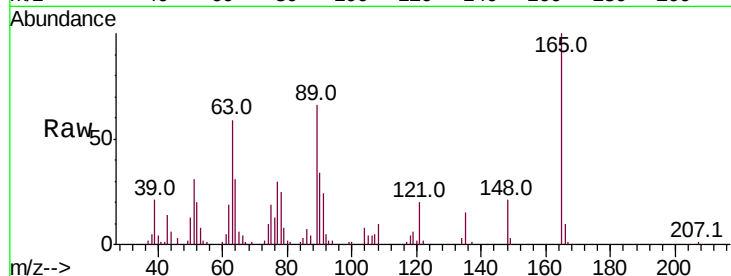




#51
 2,6-Dinitrotoluene
 Concen: 18.797 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

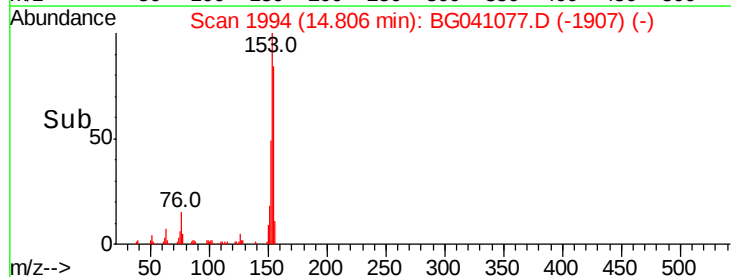
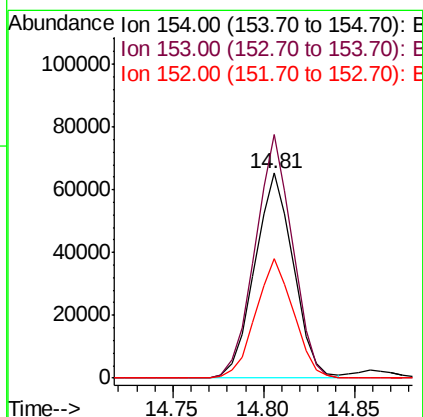
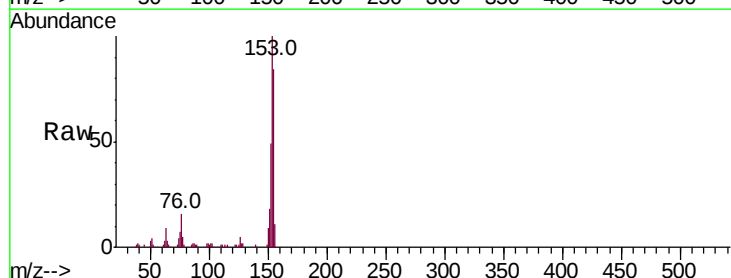
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

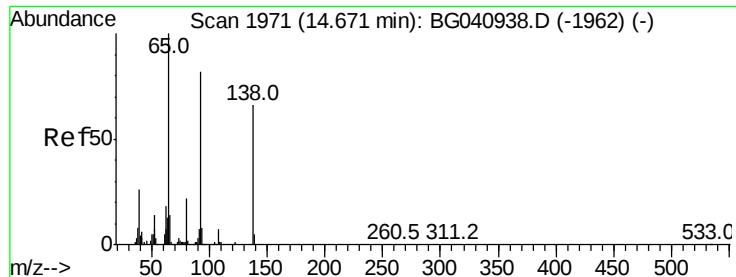
Tot Ion:165 Resp: 30983
 Ion Ratio Lower Upper
 165 100
 63 58.9 53.6 80.4
 89 65.6 50.4 75.6



#52
 Acenaphthene
 Concen: 18.325 ng
 RT: 14.81 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:154 Resp: 95886
 Ion Ratio Lower Upper
 154 100
 153 118.8 88.6 133.0
 152 58.1 44.2 66.4





#53

3-Nitroaniline

Concen: 18.863 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

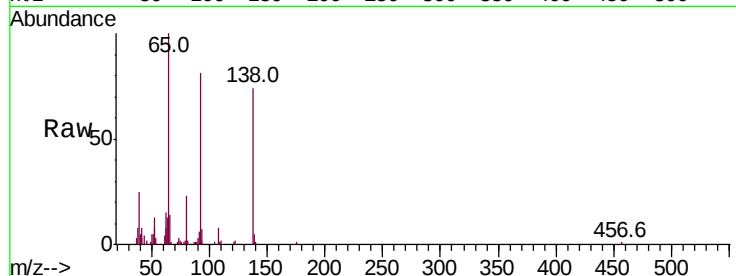
Tot Ion:138 Resp: 31091

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

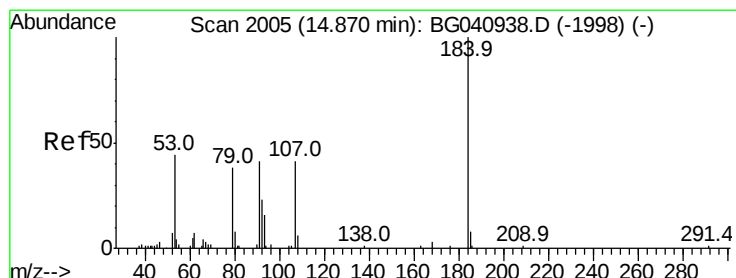
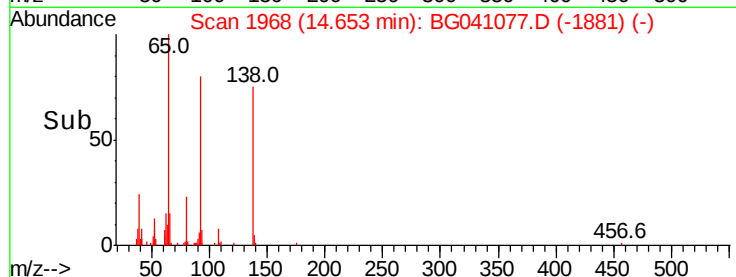
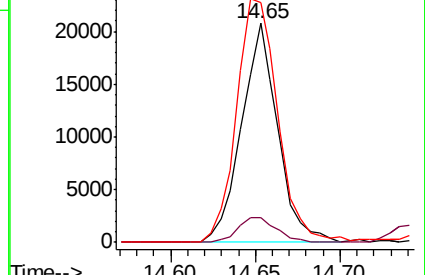
92 109.5 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 19.797 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

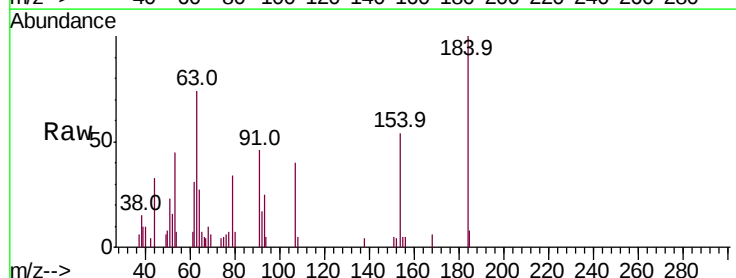
Tgt Ion:184 Resp: 8330

Ion Ratio Lower Upper

184 100

63 73.8 49.8 74.6

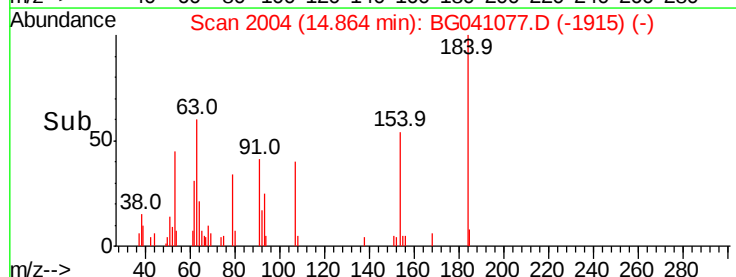
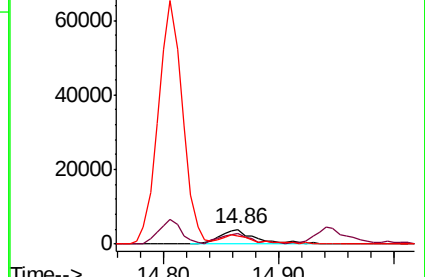
154 53.8 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 19.747 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

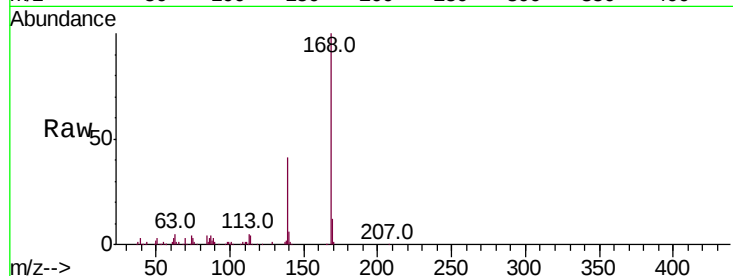
Tot Ion:168 Resp: 173864

Ion Ratio Lower Upper

168 100

139 40.9 32.8 49.2

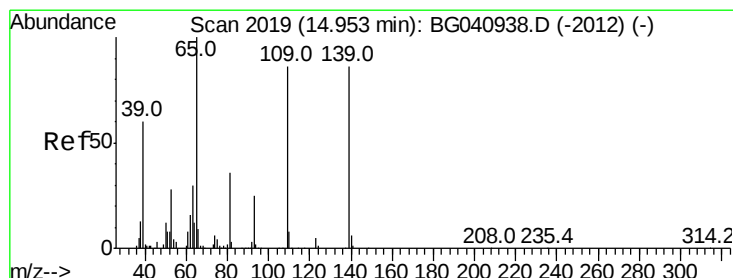
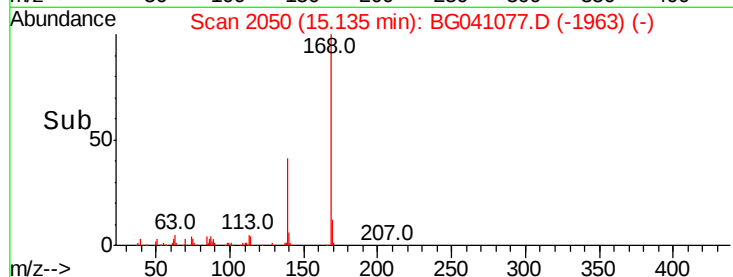
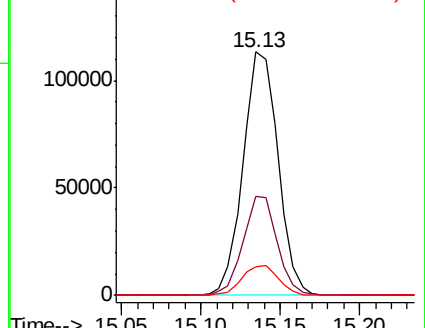
169 11.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 18.240 ng

RT: 14.95 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

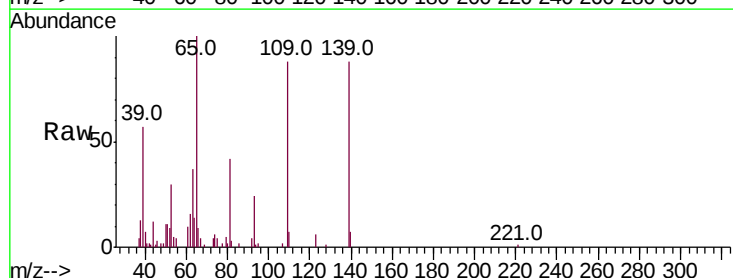
Tgt Ion:139 Resp: 20621

Ion Ratio Lower Upper

139 100

109 99.7 79.6 119.6

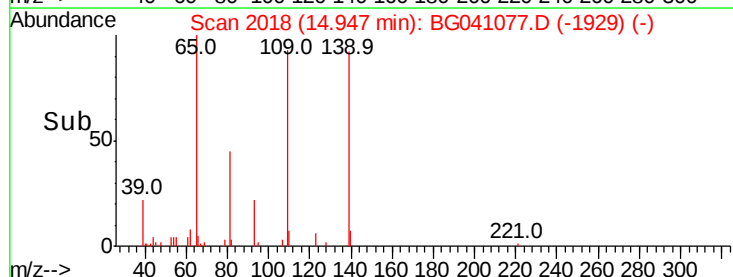
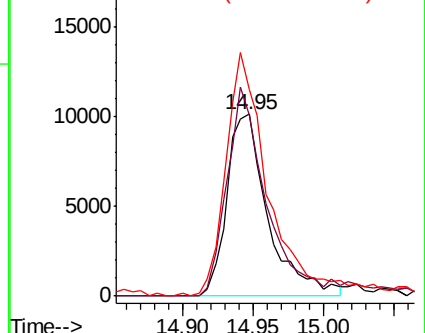
65 113.2 96.9 136.9

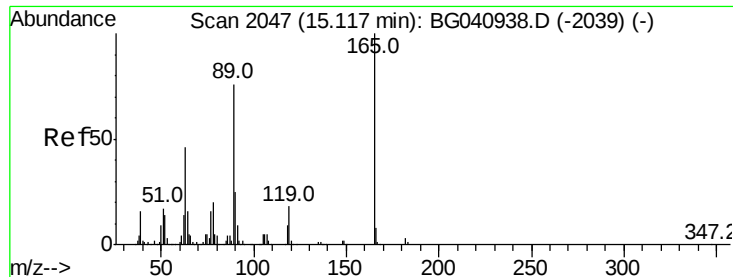


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

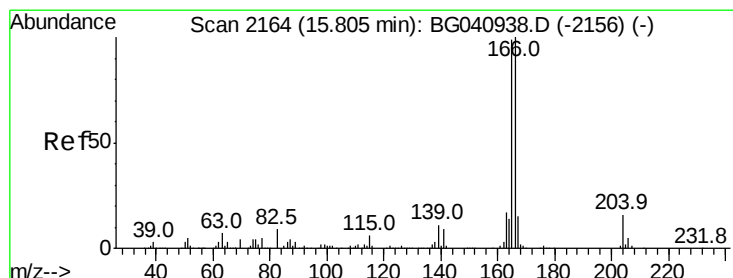
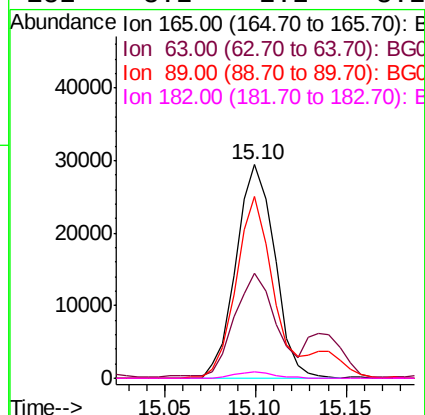
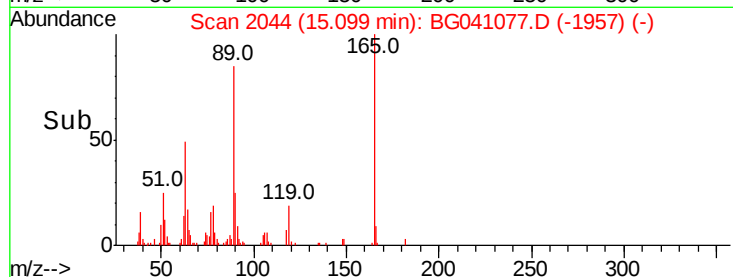
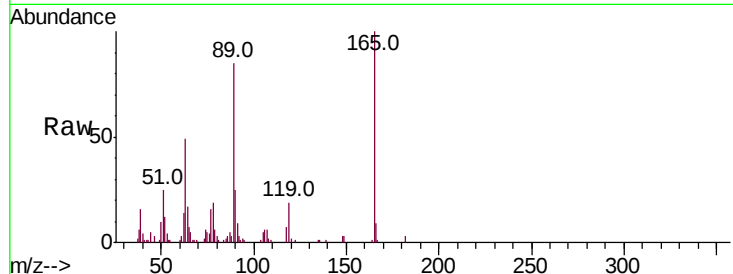




#57
2,4-Dinitrotoluene
Concen: 18.824 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

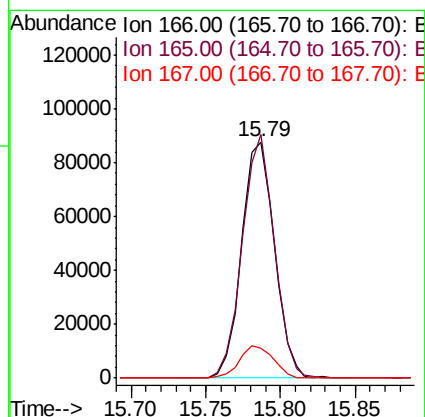
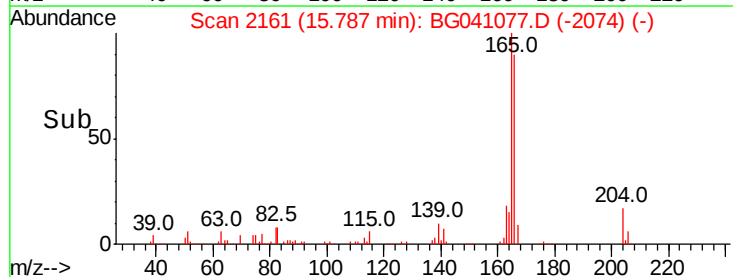
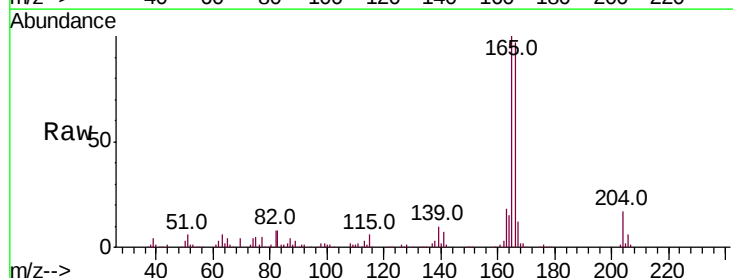
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

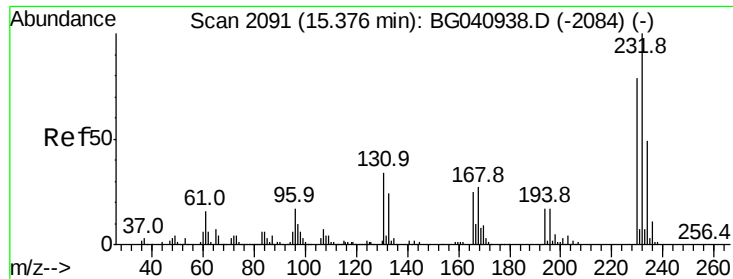
Tot Ion:165 Resp: 43829
Ion Ratio Lower Upper
165 100
63 48.9 37.3 55.9
89 85.0 61.0 91.6
182 3.2 2.2 3.2



#58
Fluorene
Concen: 19.060 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion:166 Resp: 133646
Ion Ratio Lower Upper
166 100
165 103.1 79.2 118.8
167 12.6 11.8 17.6

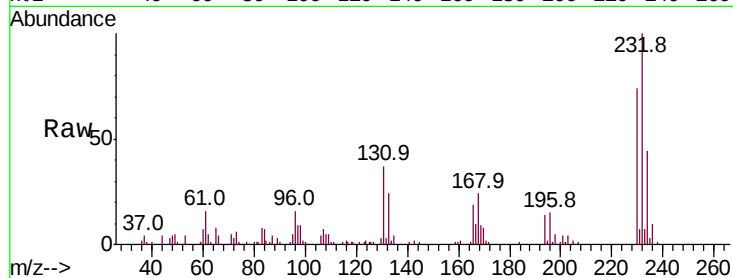




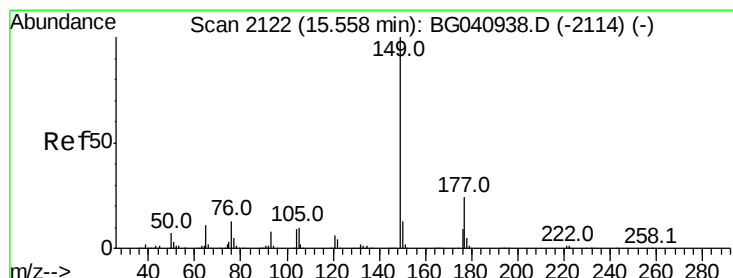
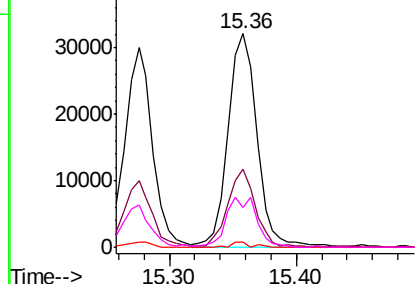
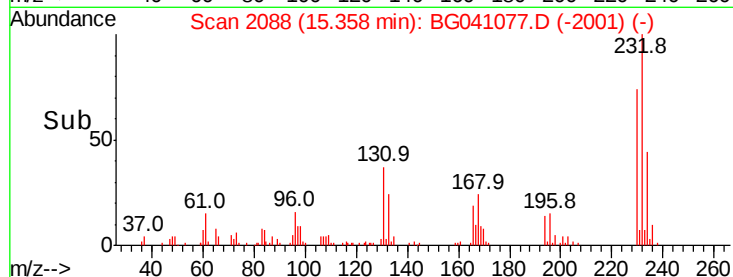
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.832 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:	232	Resp:	50842
Ion	Ratio	Lower	Upper
232	100		
131	35.1	30.3	45.5
130	1.7	1.8	2.8#
166	24.6	21.3	31.9

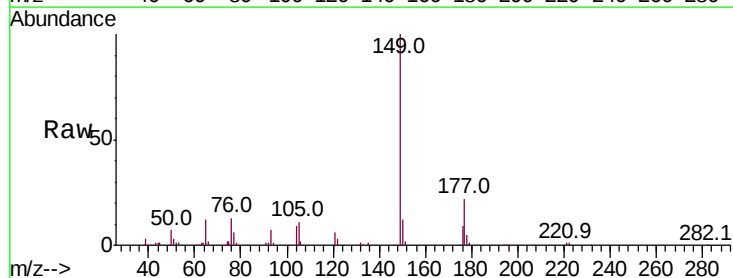


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

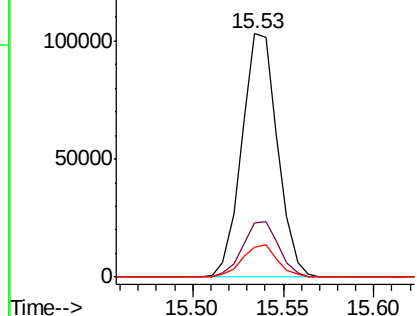
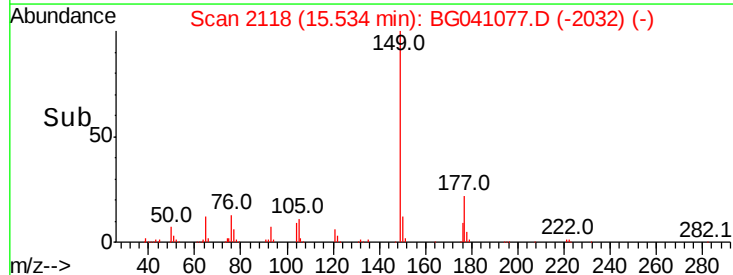


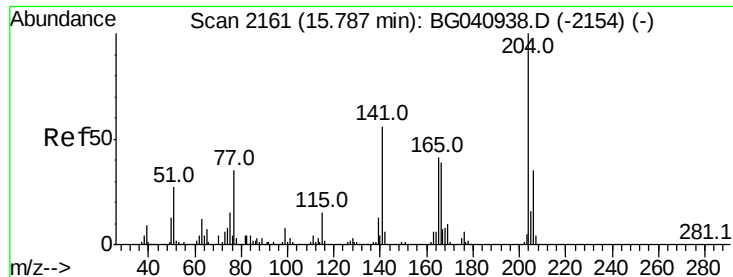
#60
 Diethylphthalate
 Concen: 18.077 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:	149	Resp:	141031
Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.4	29.0
150	12.2	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

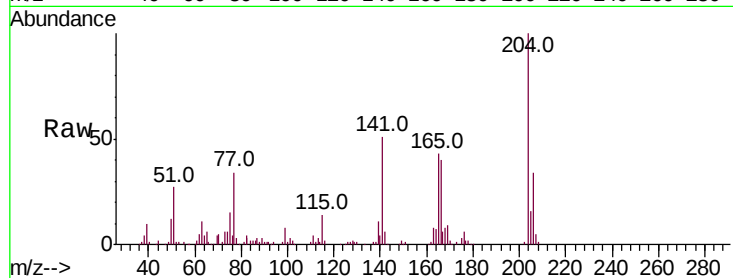




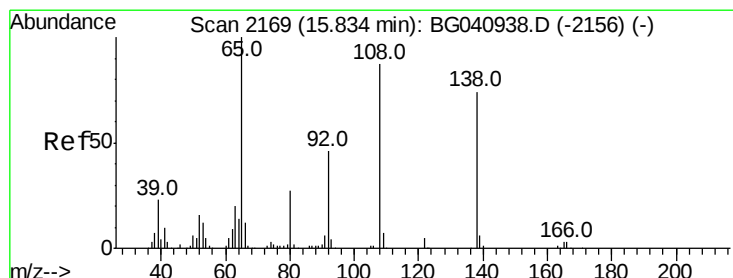
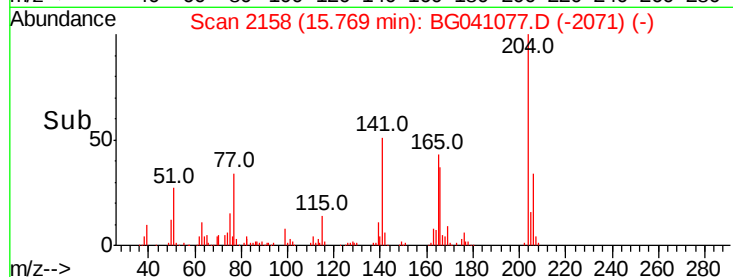
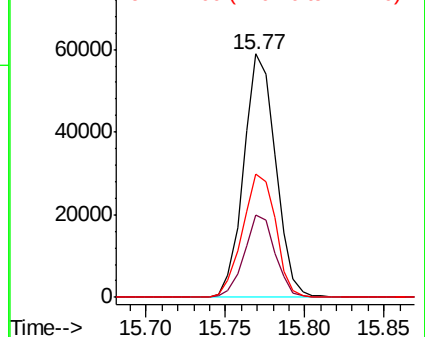
#61
4-Chlorophenyl-phenylether
Concen: 18.004 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:204 Resp: 82052
Ion Ratio Lower Upper
204 100
206 33.7 27.6 41.4
141 50.5 45.1 67.7

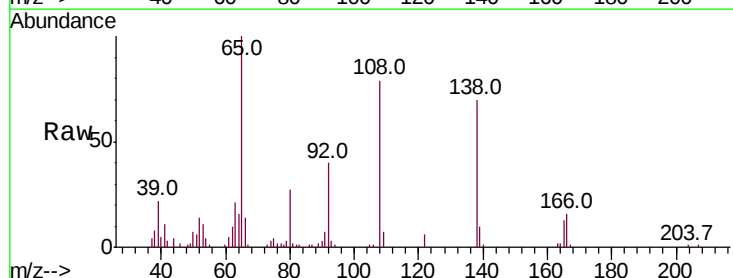


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

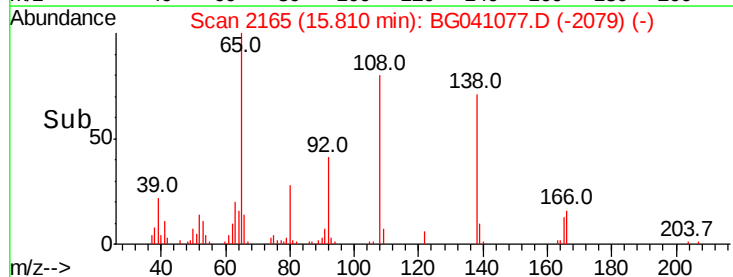
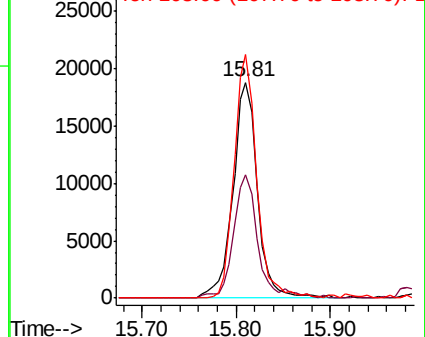


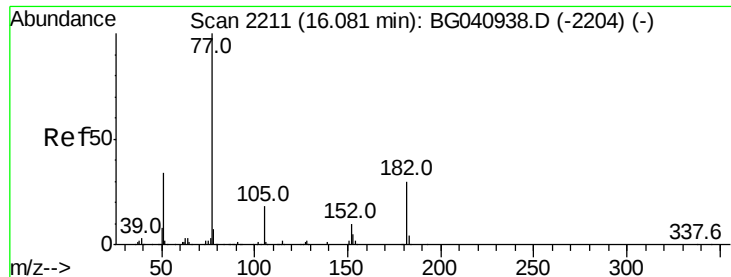
#62
4-Nitroaniline
Concen: 19.534 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion:138 Resp: 34086
Ion Ratio Lower Upper
138 100
92 57.4 42.4 82.4
108 113.0 96.9 136.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 18.750 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion: 77 Resp: 132956

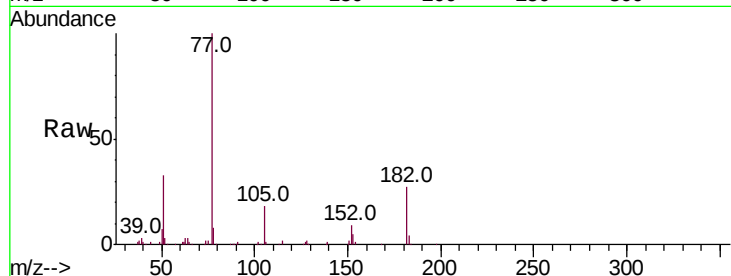
Ion Ratio Lower Upper

77 100

182 27.2 9.6 49.6

105 17.7 0.0 37.5

51 33.1 13.7 53.7

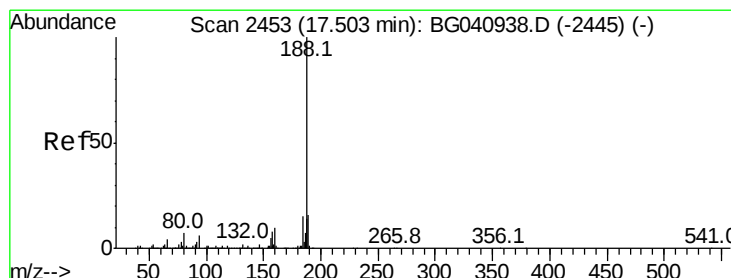
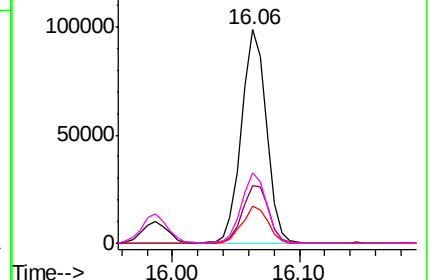
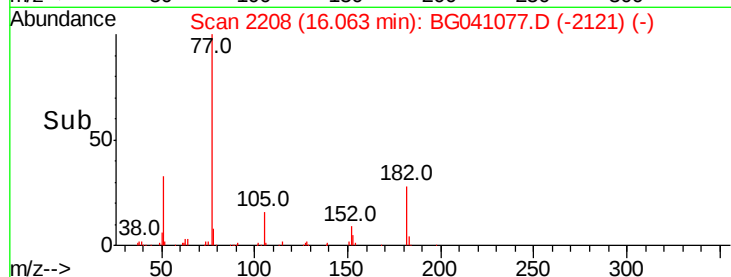


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

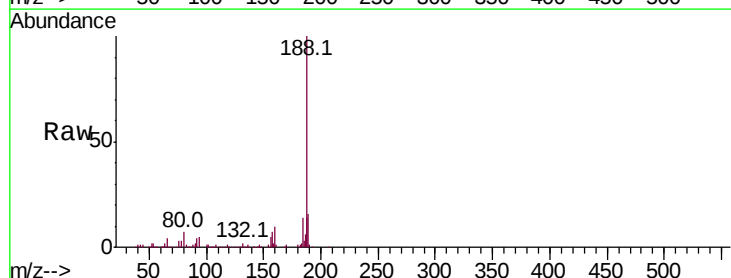
Tgt Ion: 188 Resp: 232628

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

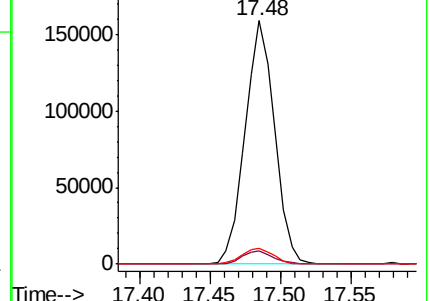
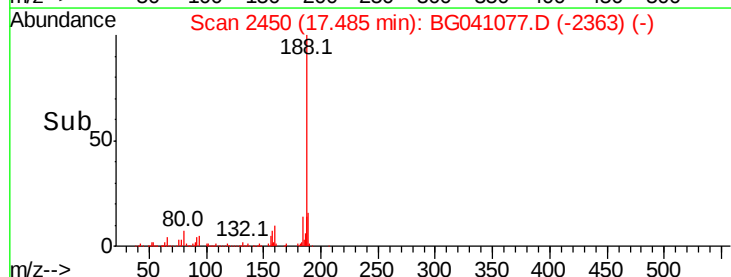
80 6.7 5.8 8.8

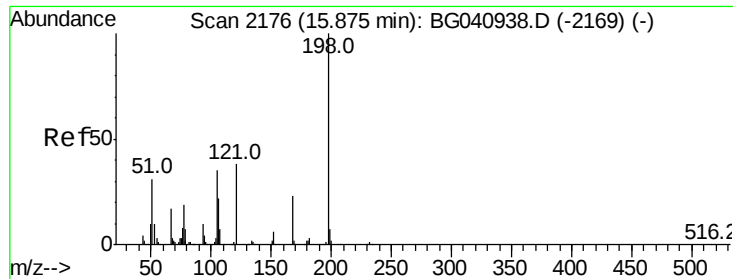


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#65

4,6-Dinitro-2-methylphenol

Concen: 22.983 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

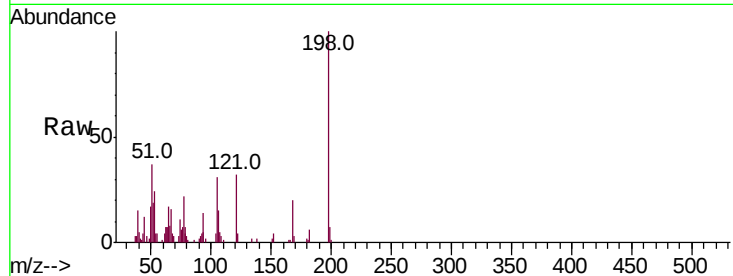
Tot Ion:198 Resp: 21853

Ion Ratio Lower Upper

198 100

51 36.8 21.6 61.6

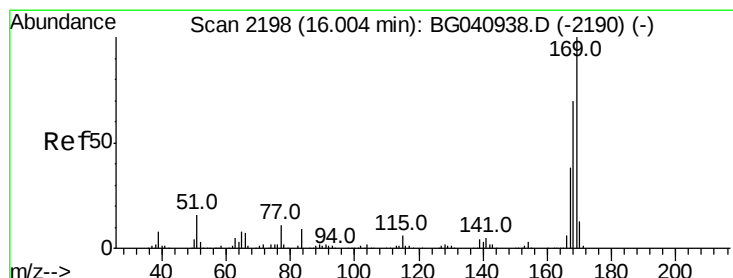
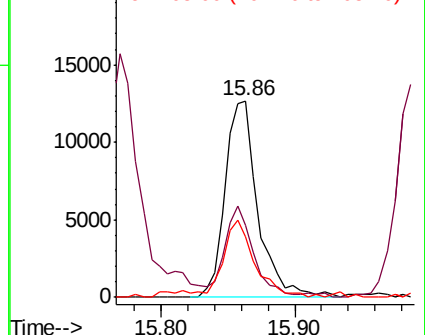
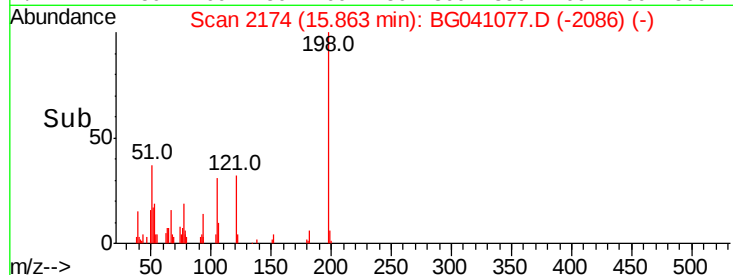
105 30.9 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 18.528 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

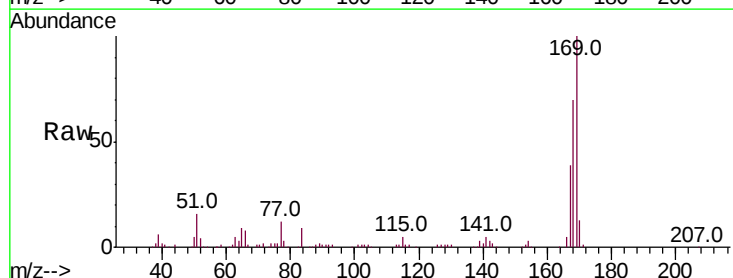
Tgt Ion:169 Resp: 121164

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

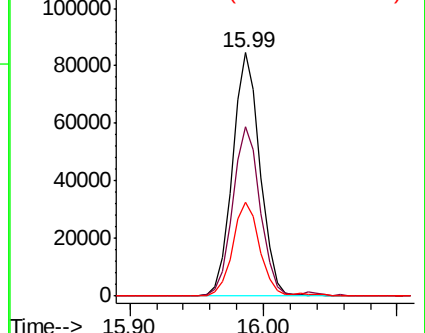
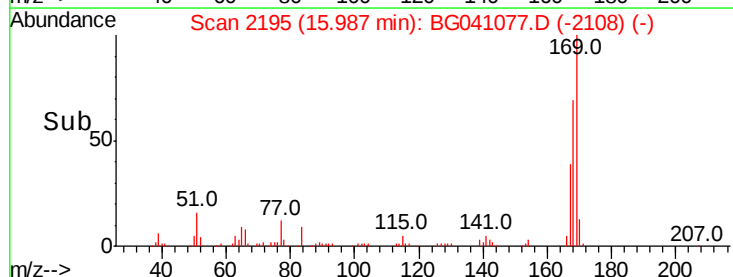
167 38.8 30.2 45.2

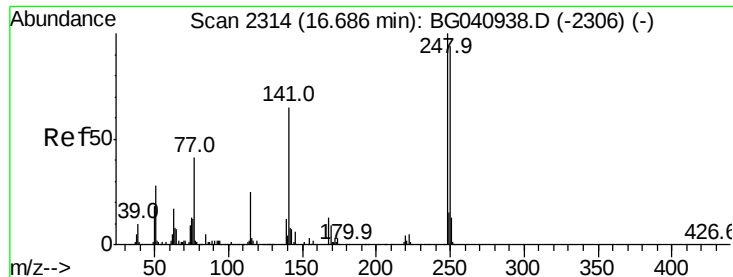


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

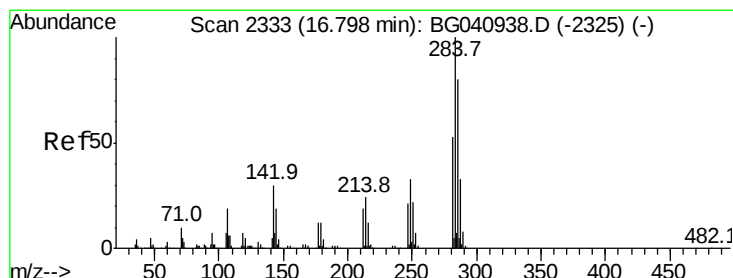
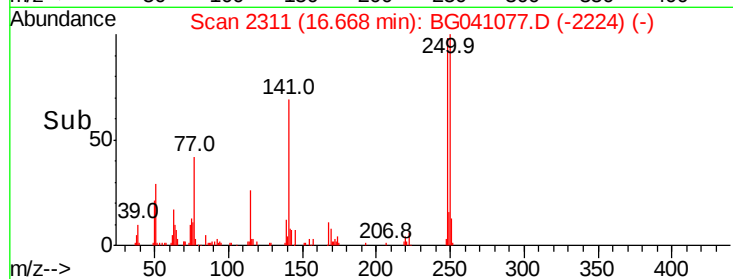
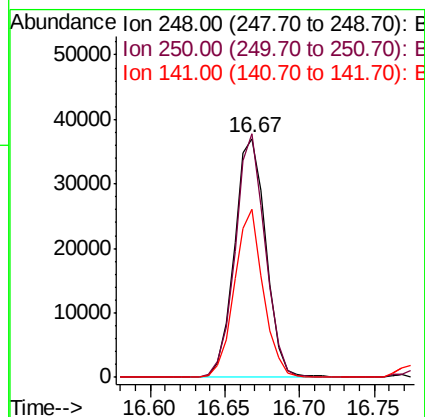
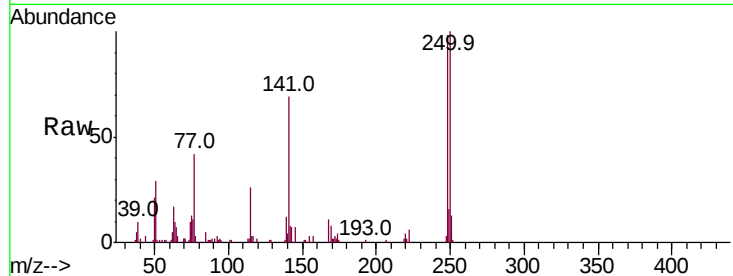




#67
 4-Bromophenyl-phenylether
 Concen: 17.225 ng
 RT: 16.67 min Scan# 2311
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

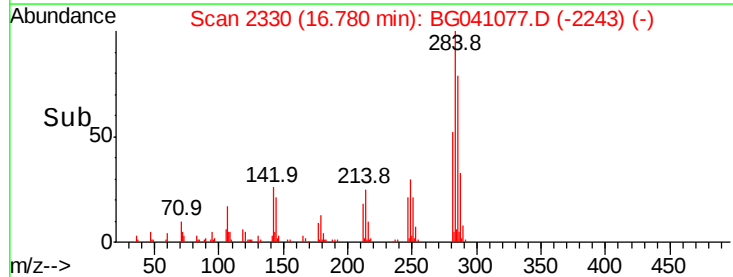
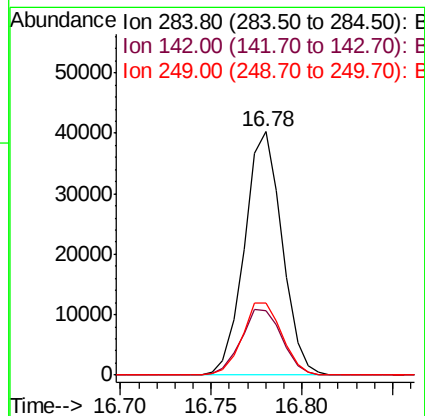
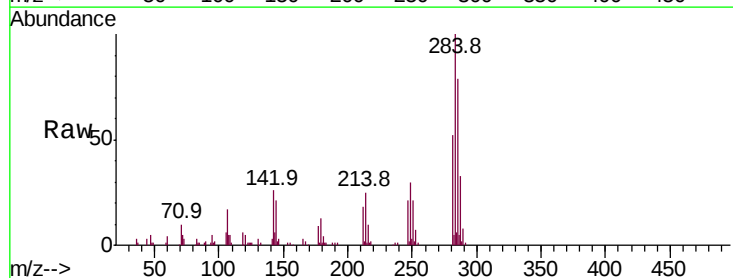
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

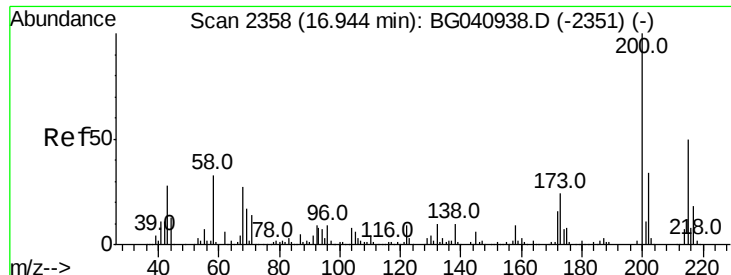
Tot Ion	Ratio	Lower	Upper
248	100		
250	102.0	75.0	112.4
141	70.2	52.4	78.6



#68
 Hexachlorobenzene
 Concen: 17.309 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	23.9	35.9
249	32.9	26.8	40.2





#69

Atrazine

Concen: 20.303 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

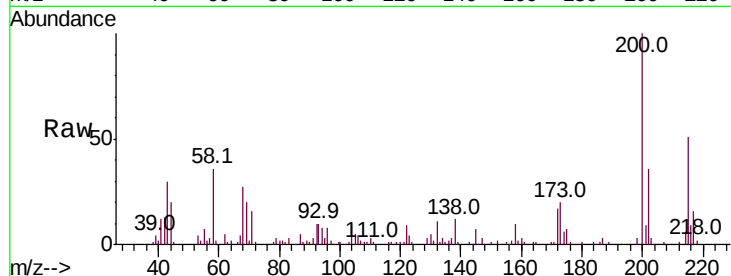
Tot Ion:200 Resp: 51229

Ion Ratio Lower Upper

200 100

173 19.8 3.6 43.6

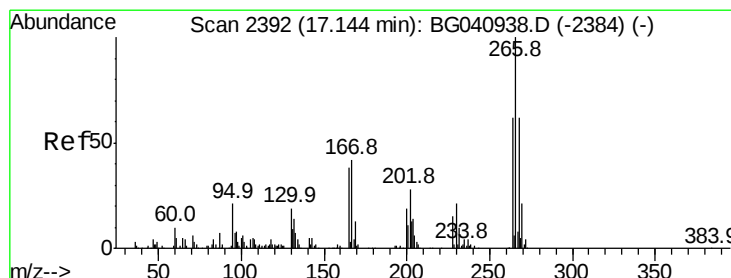
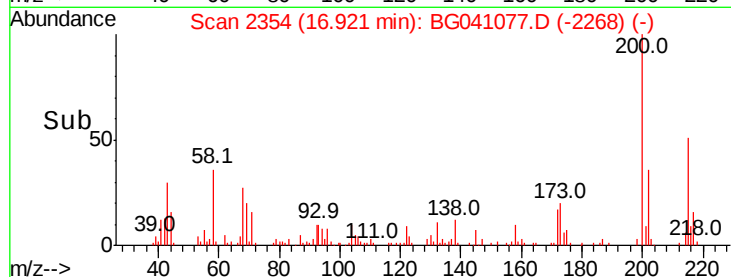
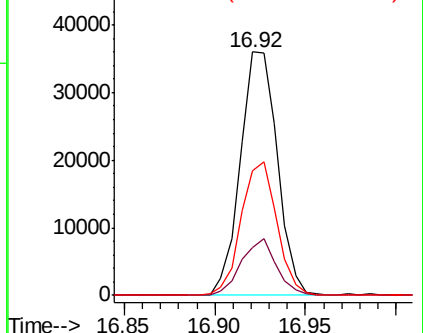
215 51.1 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 18.055 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

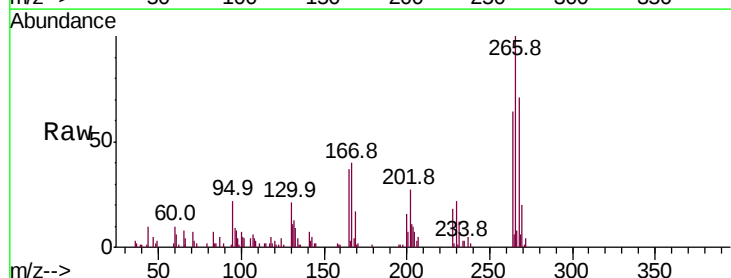
Tgt Ion:266 Resp: 26100

Ion Ratio Lower Upper

266 100

268 70.5 53.1 79.7

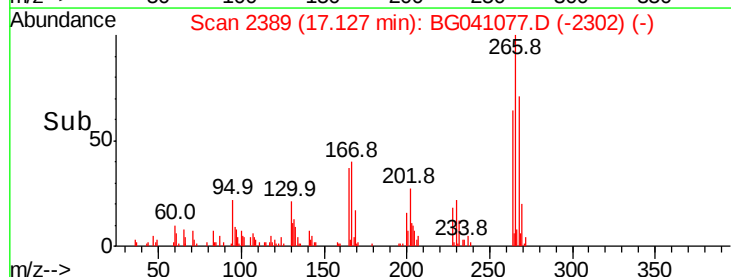
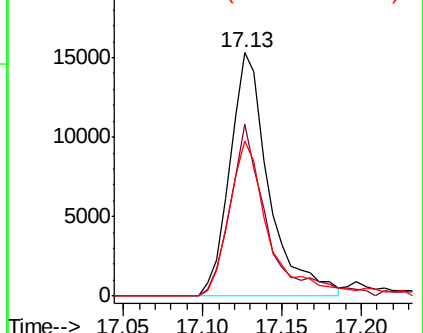
264 63.7 49.9 74.9

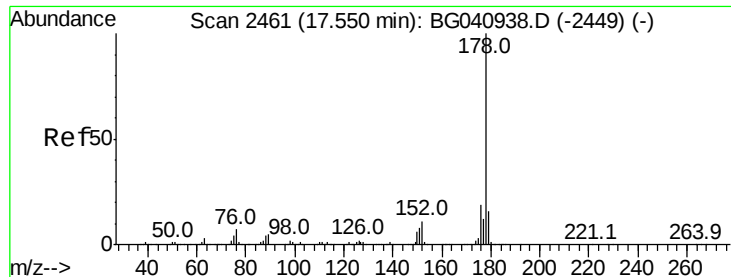


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 19.843 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

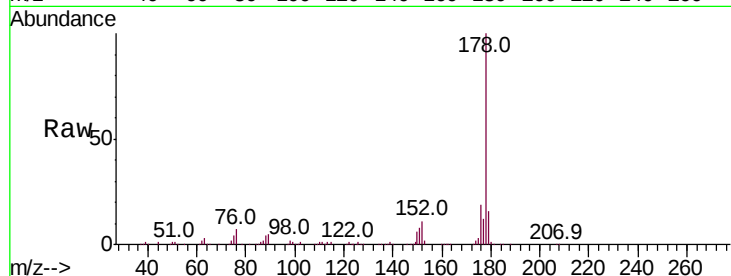
Tot Ion:178 Resp: 240438

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

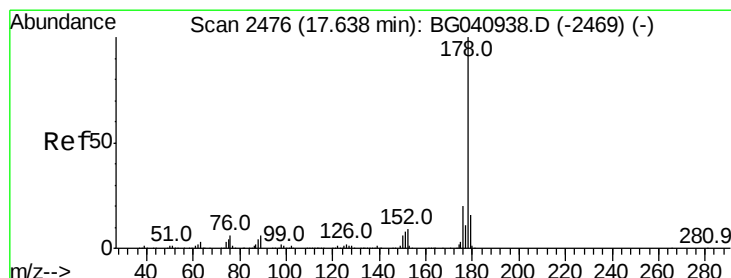
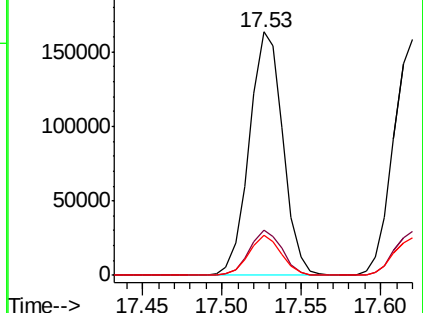
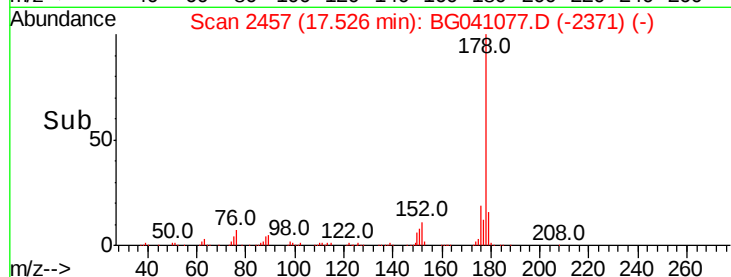
179 16.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 20.127 ng

RT: 17.62 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

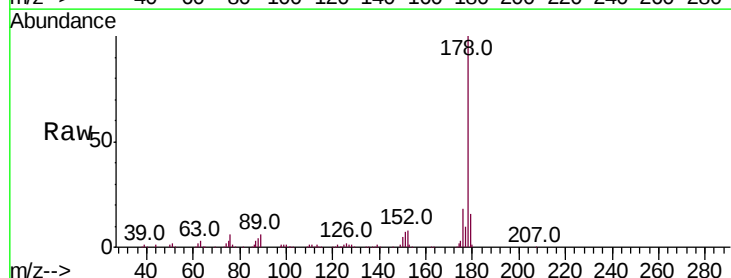
Tgt Ion:178 Resp: 240529

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

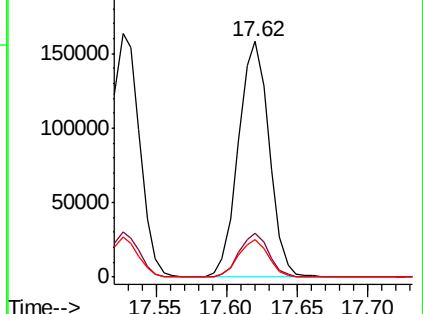
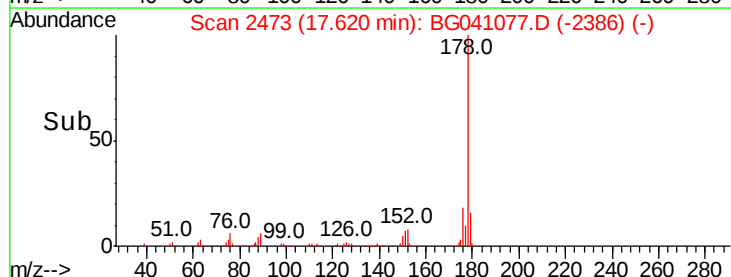
179 15.7 13.0 19.4

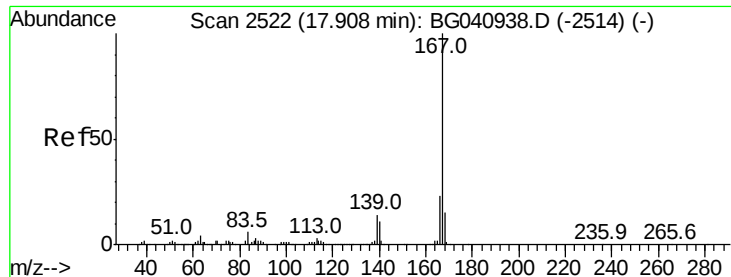


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 21.418 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

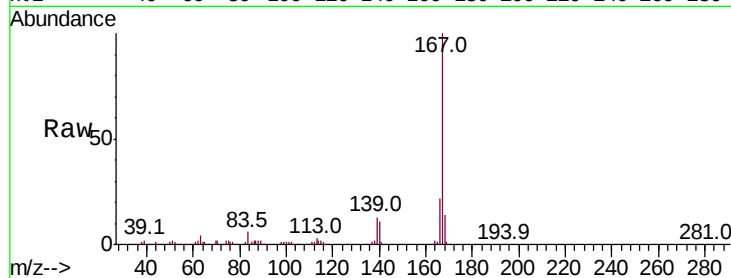
Tot Ion:167 Resp: 219626

Ion Ratio Lower Upper

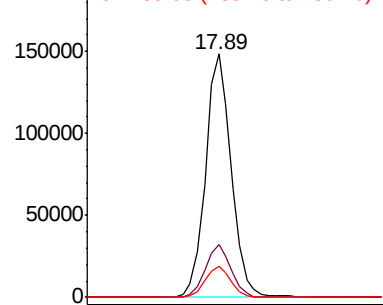
167 100

166 21.7 18.2 27.4

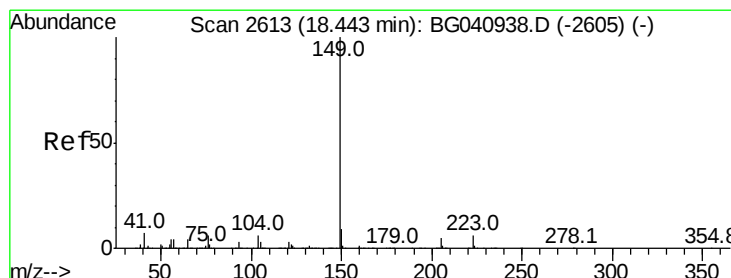
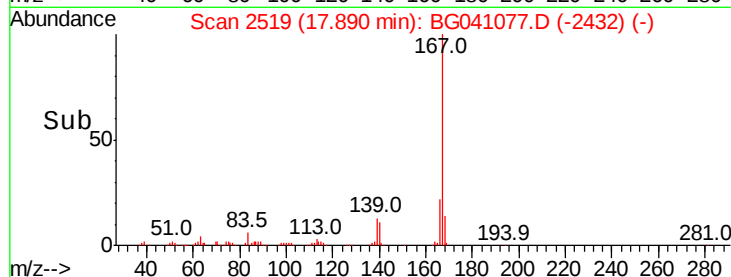
139 12.9 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 19.404 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

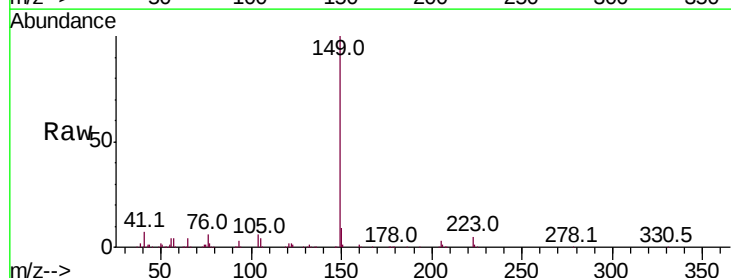
Tgt Ion:149 Resp: 247301

Ion Ratio Lower Upper

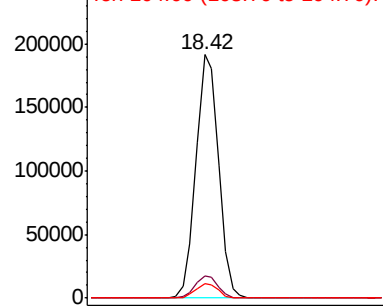
149 100

150 9.0 7.4 11.2

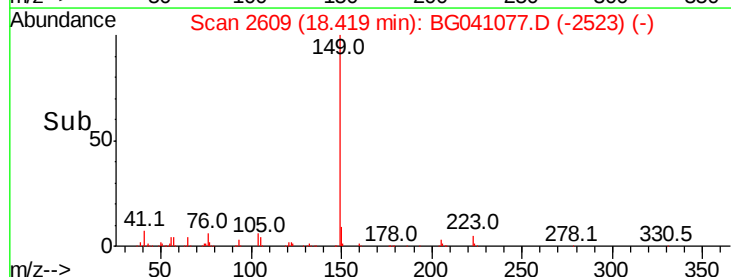
104 6.1 5.0 7.4

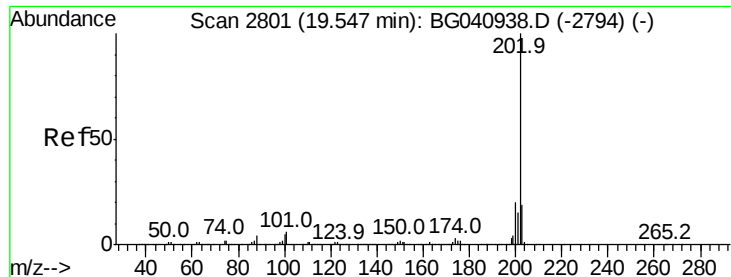


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 22.113 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

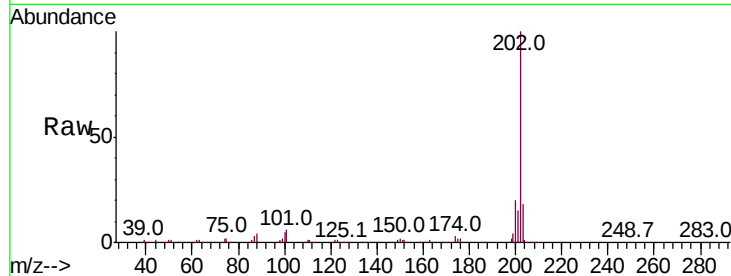
Tot Ion:202 Resp: 330958

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

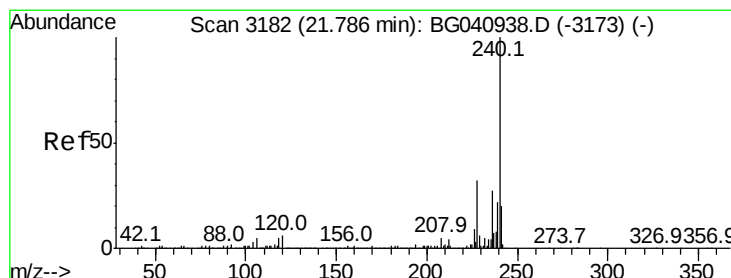
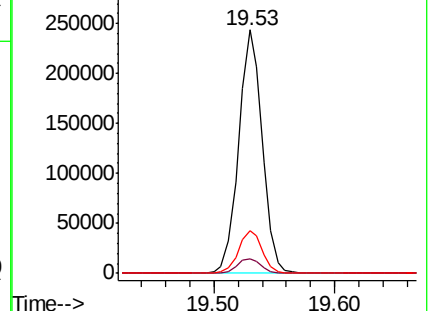
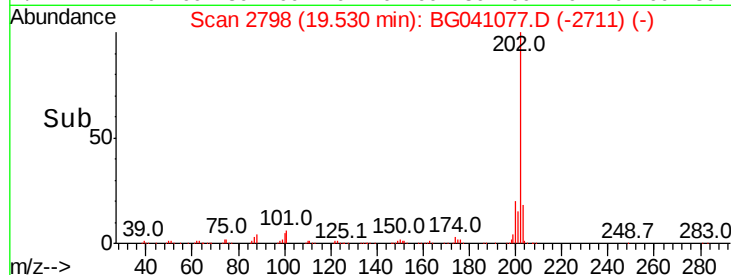
203 17.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

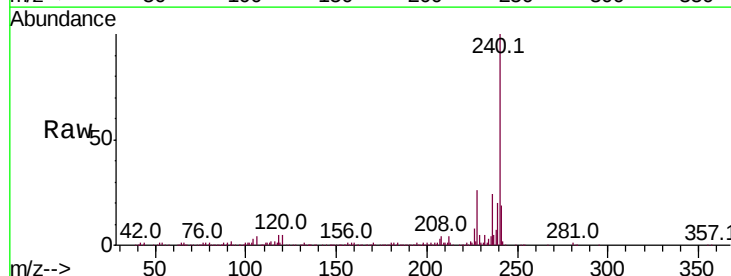
Tgt Ion:240 Resp: 278850

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

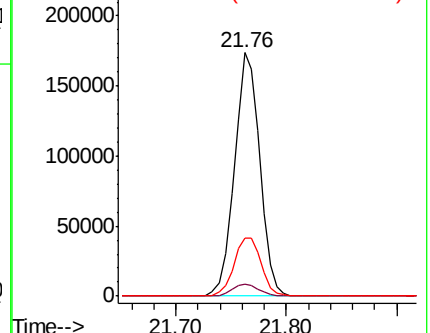
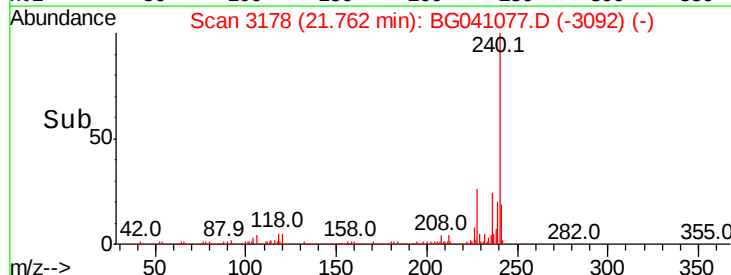
236 23.8 21.3 31.9

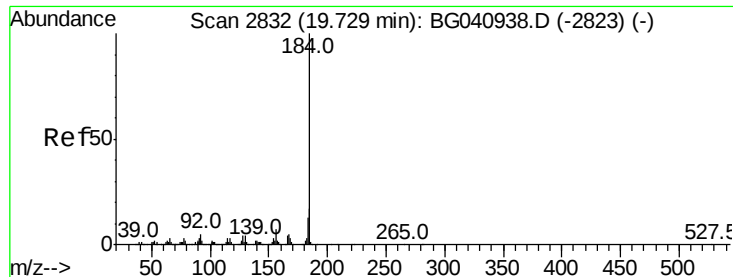


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.609 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

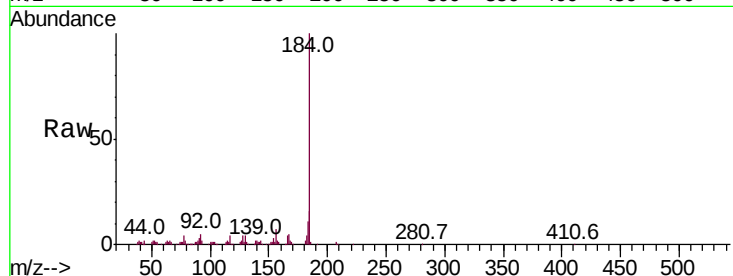
Tot Ion:184 Resp: 150396

Ion Ratio Lower Upper

184 100

185 16.4 13.3 19.9

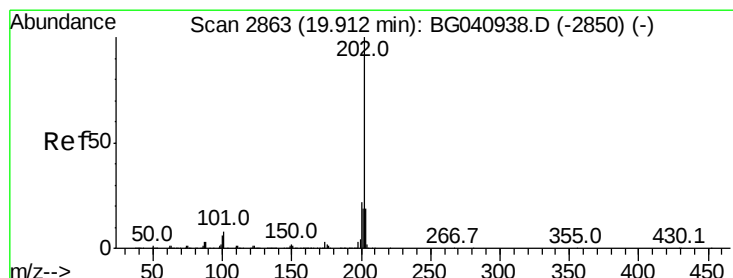
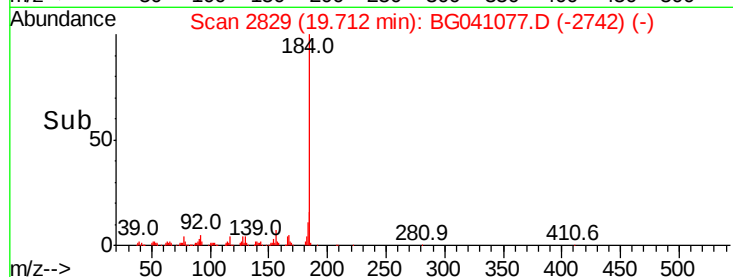
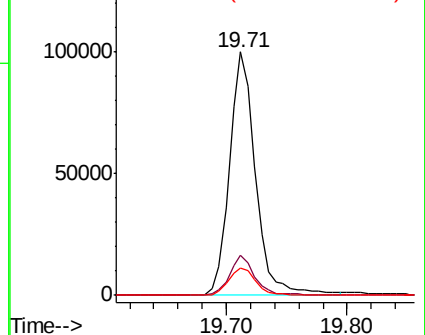
183 11.2 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.002 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

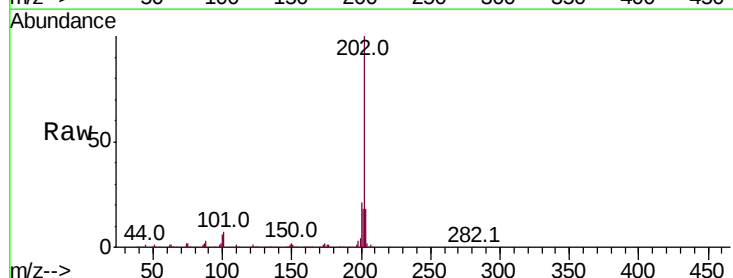
Tgt Ion:202 Resp: 344450

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

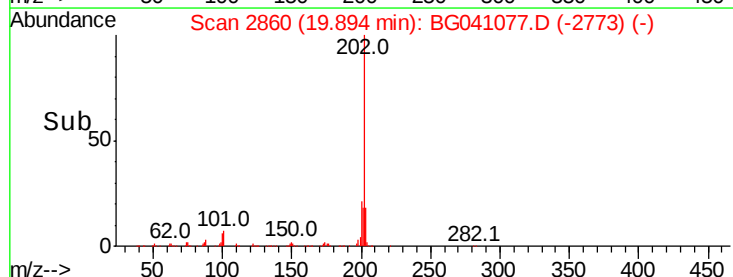
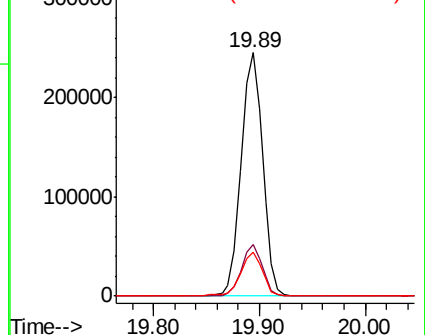
203 18.0 15.6 23.4

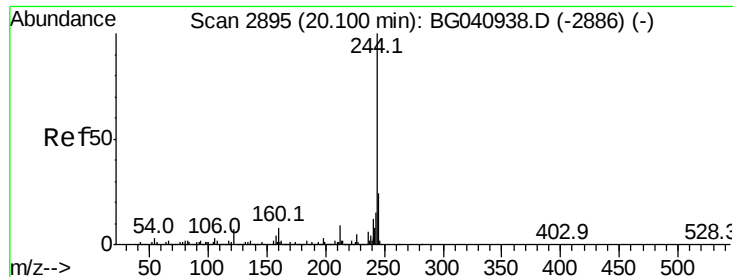


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.206 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

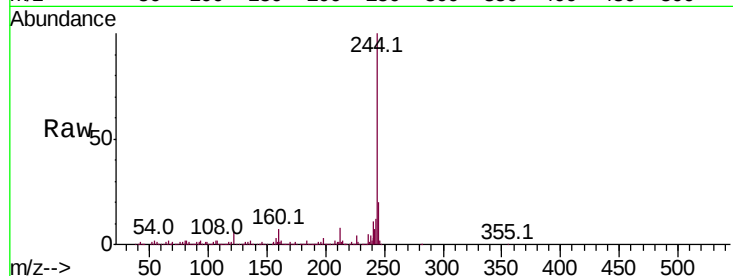
Tot Ion:244 Resp: 699060

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

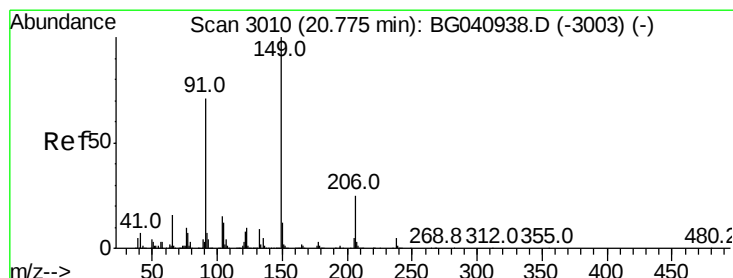
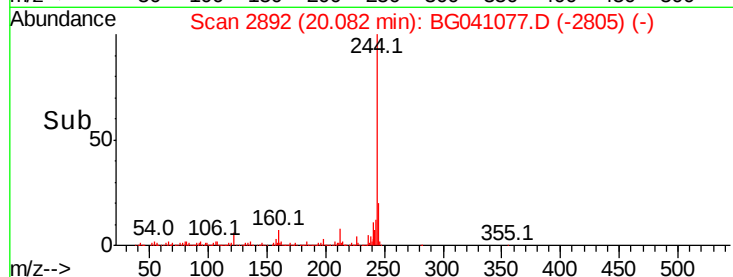
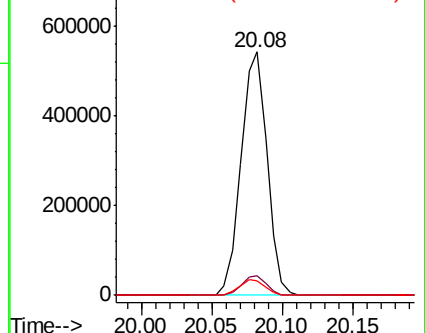
122 6.1 5.4 8.0



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



#80

Butylbenzylphthalate

Concen: 18.286 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

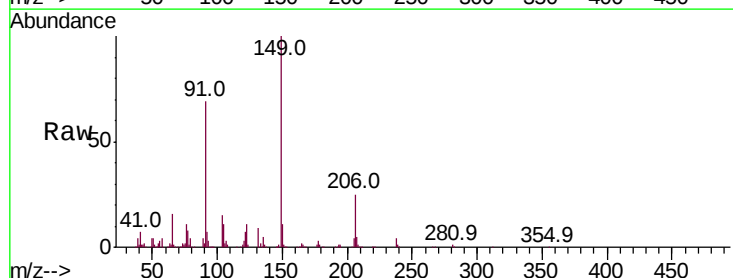
Tgt Ion:149 Resp: 128992

Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

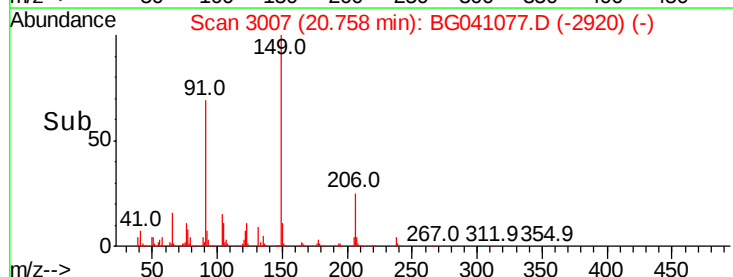
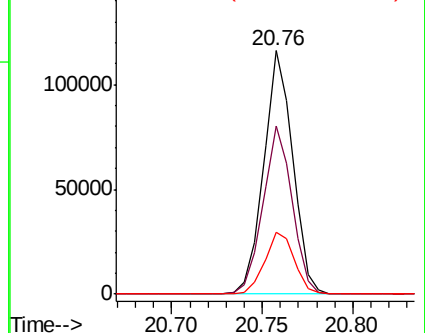
206 25.5 20.3 30.5

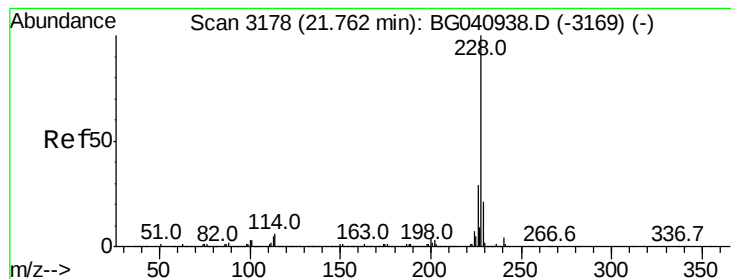


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.272 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

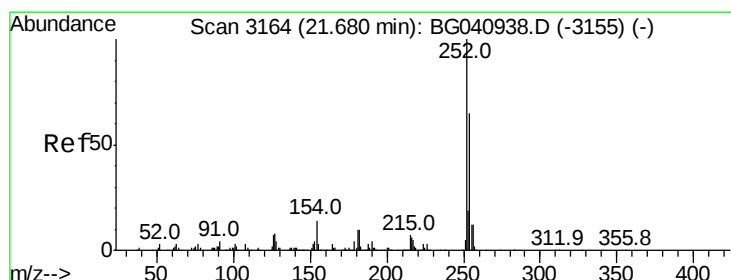
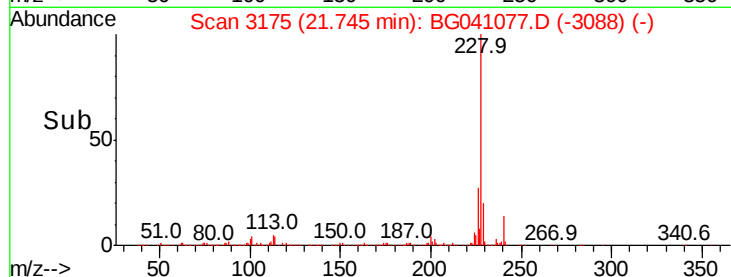
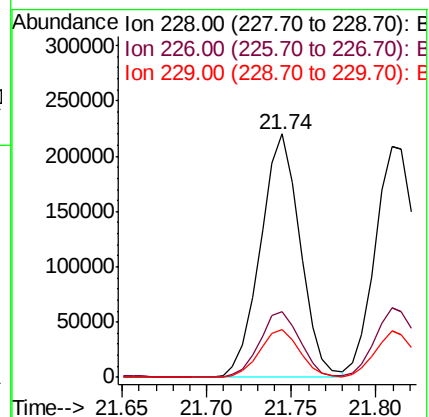
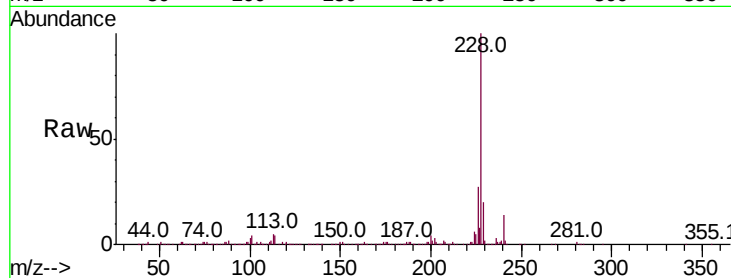
Tot Ion:228 Resp: 357726

Ion Ratio Lower Upper

228 100

226 26.9 23.5 35.3

229 19.7 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 21.039 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

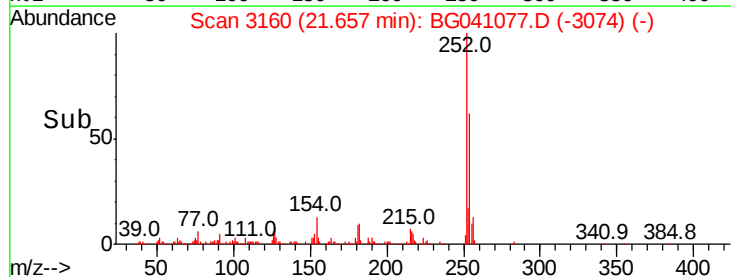
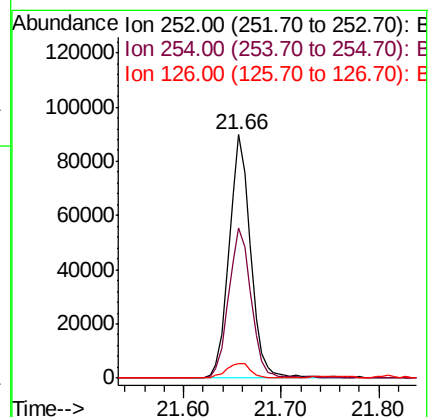
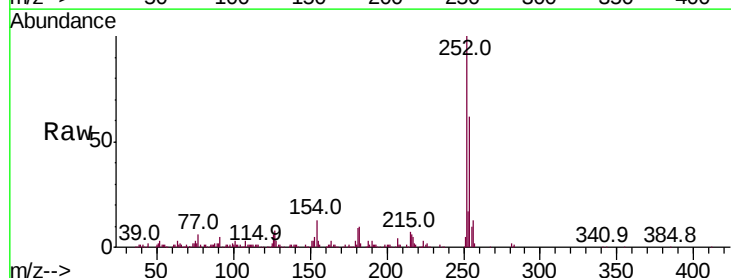
Tgt Ion:252 Resp: 137358

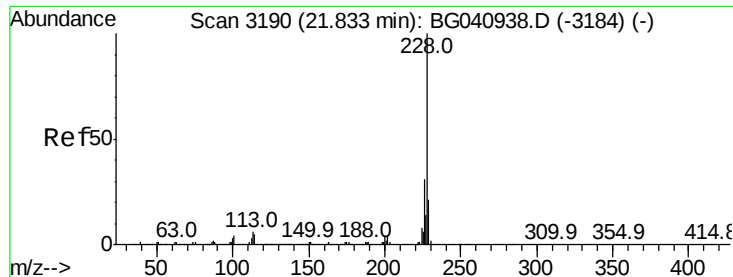
Ion Ratio Lower Upper

252 100

254 61.6 52.1 78.1

126 6.1 5.5 8.3





#83

Chrysene

Concen: 19.762 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

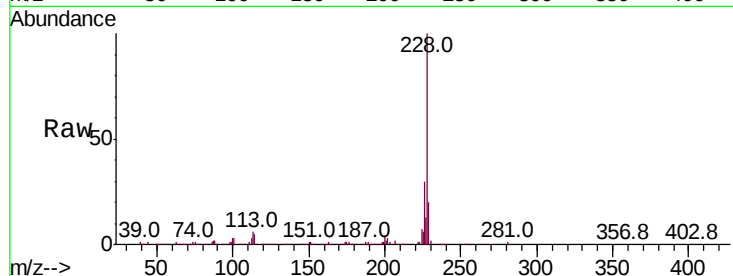
BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:228 Resp: 351029

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.4	16.6	24.8

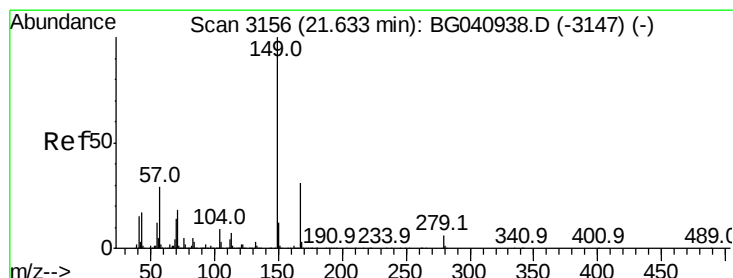
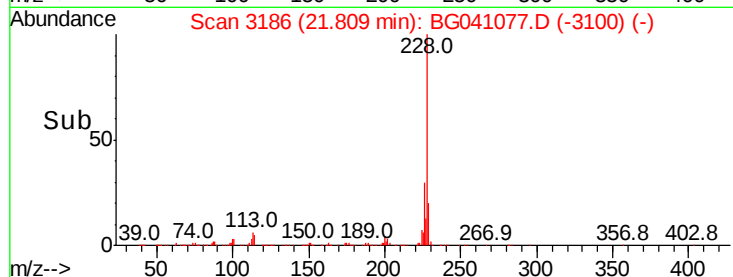
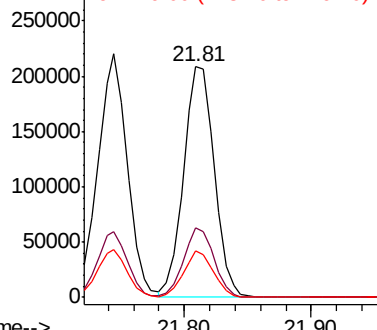


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.196 ng

RT: 21.62 min Scan# 3153

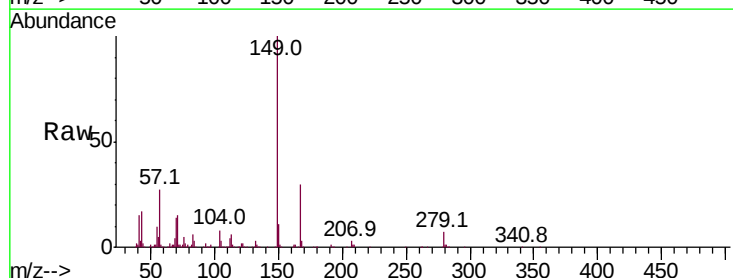
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:149 Resp: 180698

Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.6	37.0
279	6.8	5.0	7.6

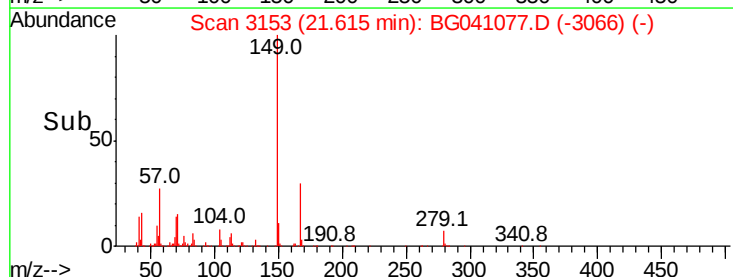
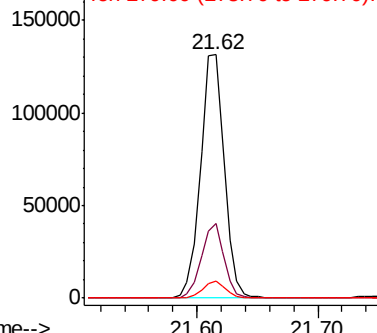


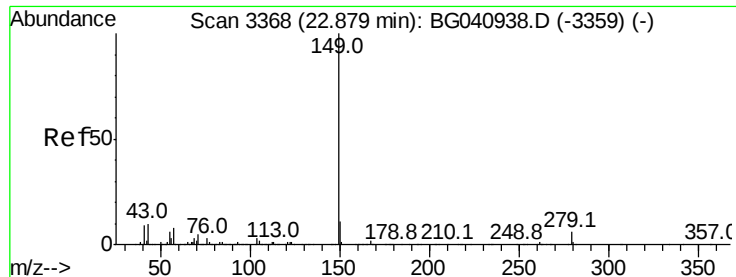
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 19.181 ng

RT: 22.86 min Scan# 3364

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

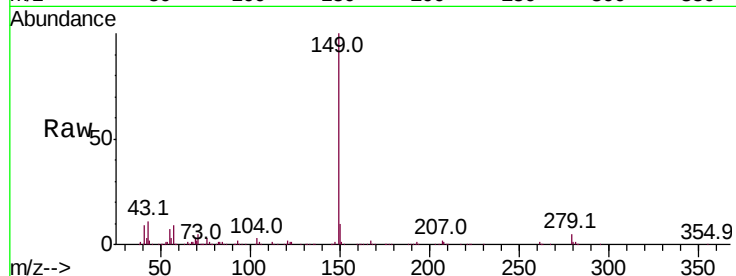
Tot Ion:149 Resp: 317230

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

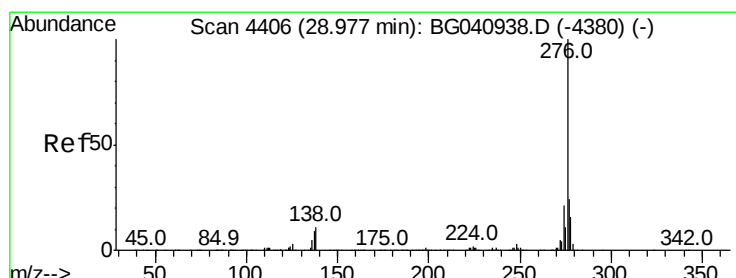
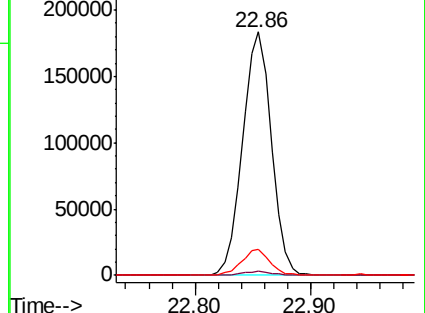
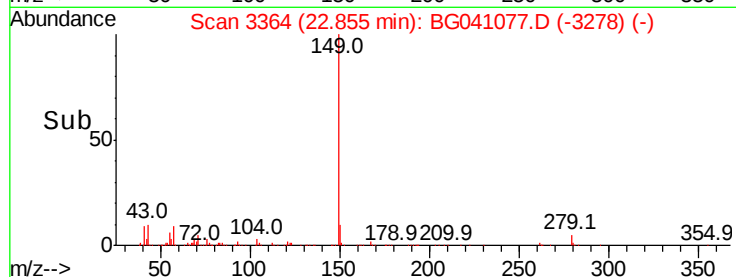
43 10.3 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.982 ng

RT: 28.91 min Scan# 4394

Delta R.T. -0.07 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

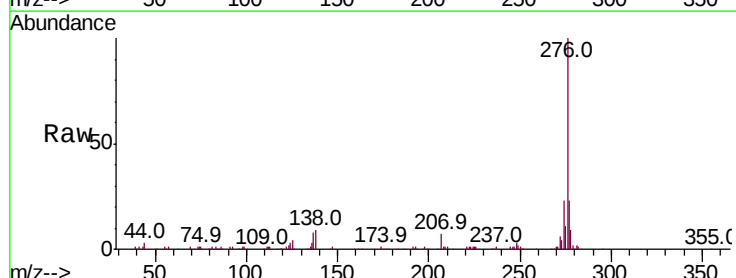
Tgt Ion:276 Resp: 413029

Ion Ratio Lower Upper

276 100

138 4.9 5.7 8.5#

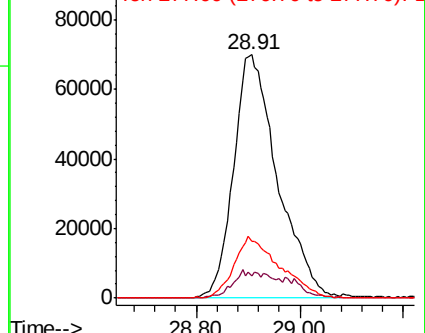
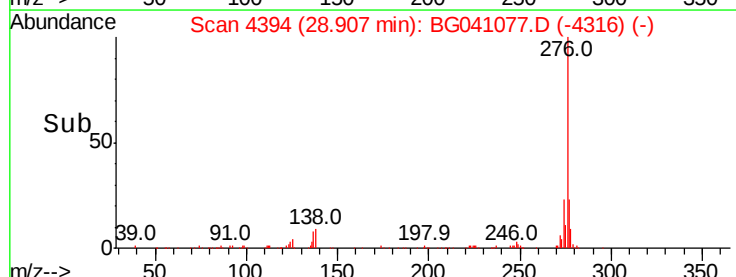
277 26.0 20.8 31.2

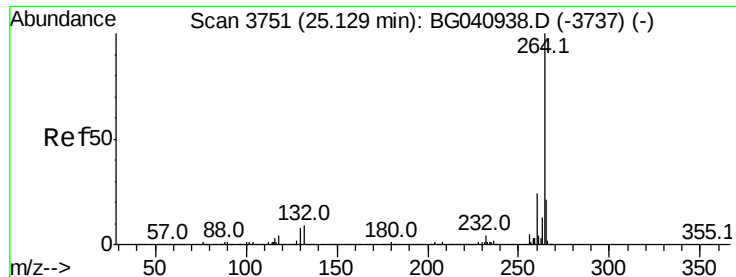


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. -0.04 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

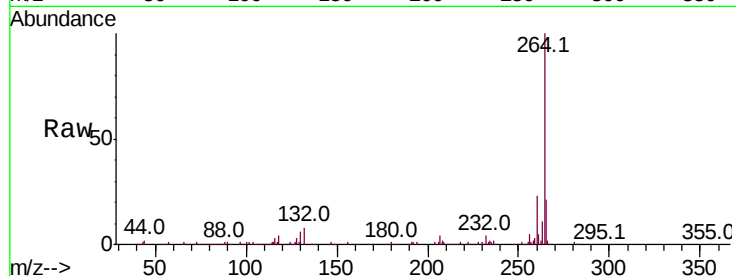
Tot Ion:264 Resp: 301074

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

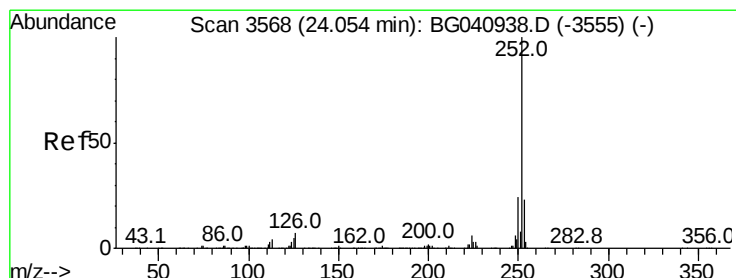
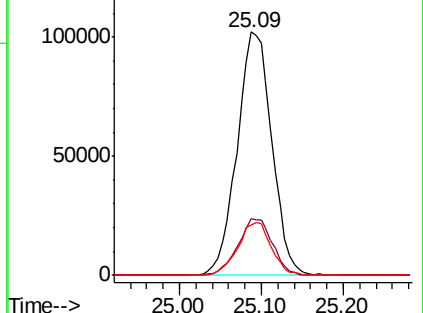
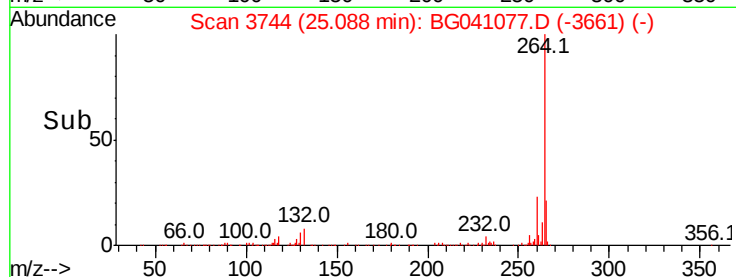
265 20.6 17.0 25.4



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



#88

Benzo(b)fluoranthene

Concen: 20.022 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

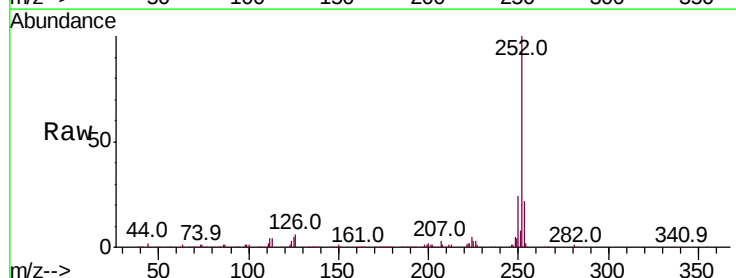
Tgt Ion:252 Resp: 365619

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

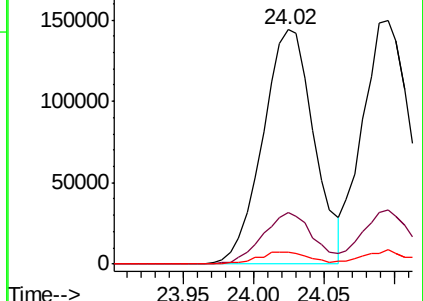
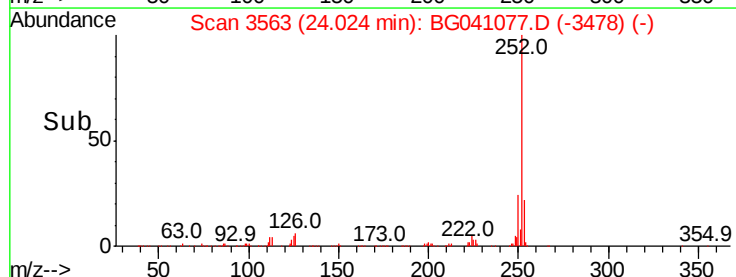
125 5.0 4.3 6.5

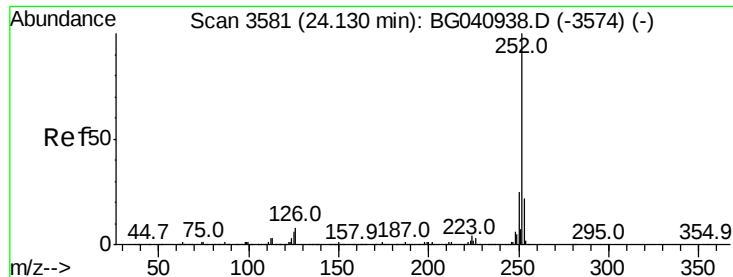


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 19.636 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.04 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

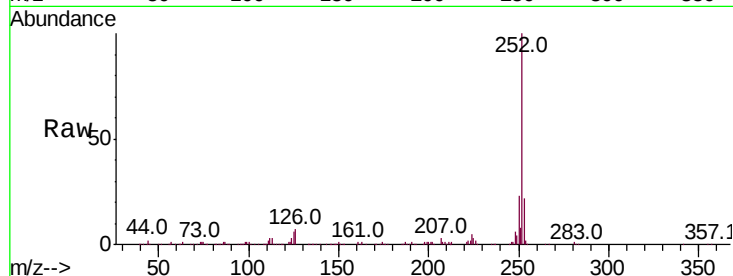
Tot Ion:252 Resp: 354827

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

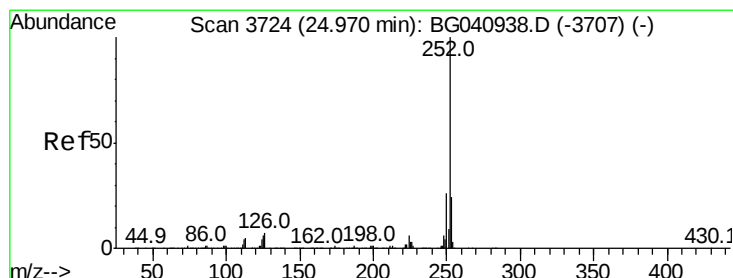
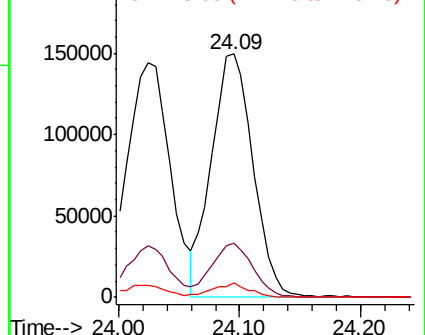
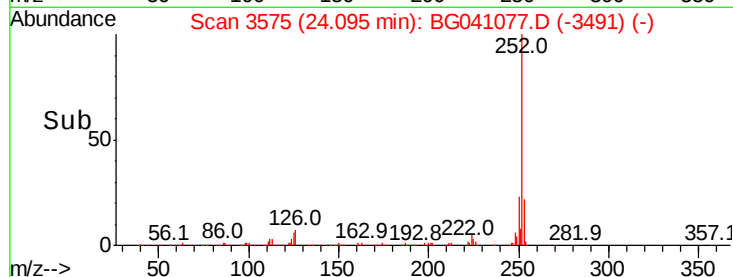
125 5.8 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 20.138 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.04 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

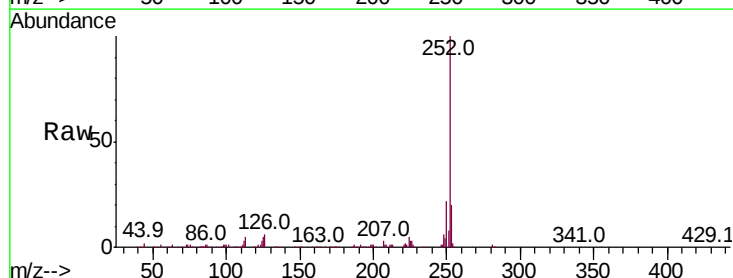
Tgt Ion:252 Resp: 350848

Ion Ratio Lower Upper

252 100

253 20.4 19.5 29.3

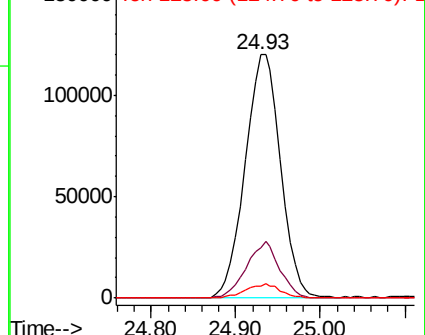
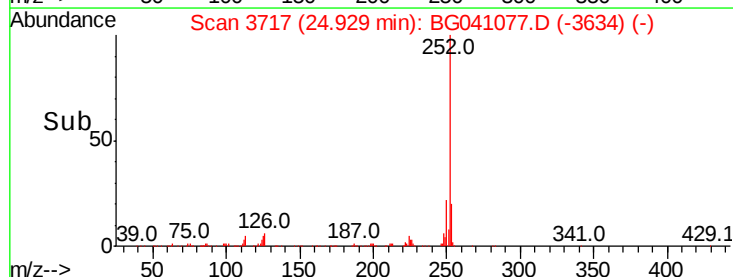
125 5.1 5.1 7.7#

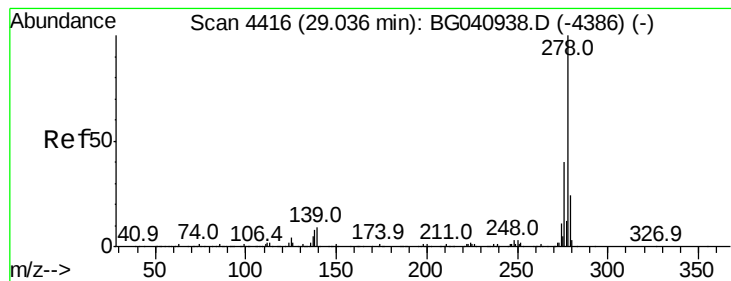


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 19.807 ng

RT: 28.98 min Scan# 4407

Delta R.T. -0.05 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2019

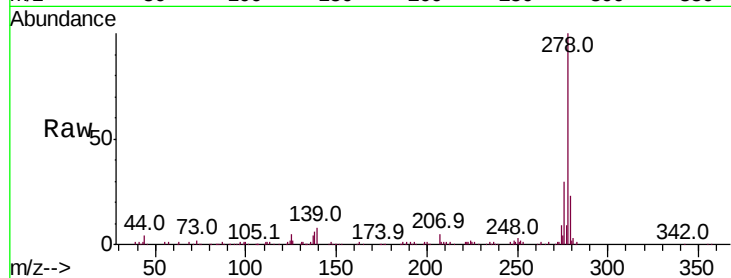
Tot Ion:278 Resp: 344814

Ion Ratio Lower Upper

278 100

139 8.1 7.1 10.7

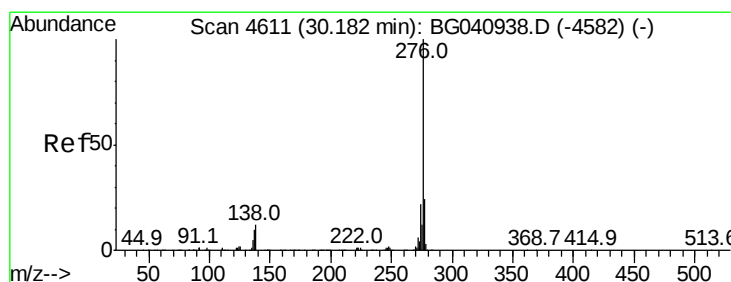
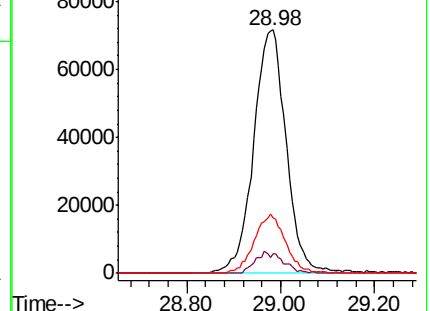
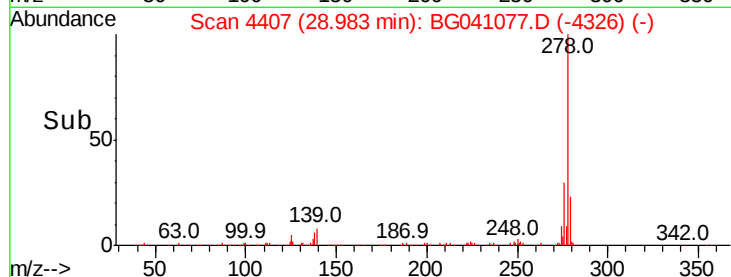
279 22.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.222 ng

RT: 30.12 min Scan# 4600

Delta R.T. -0.06 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

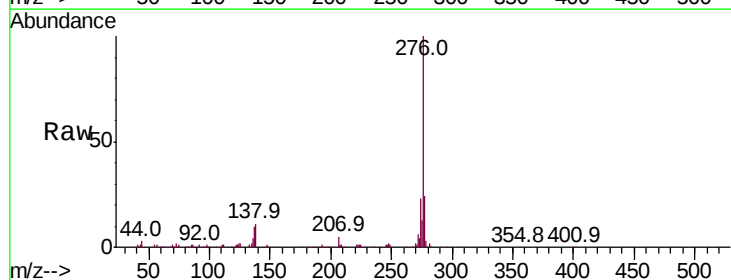
Tgt Ion:276 Resp: 342021

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 11.0 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

