

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040190.D
 Acq On : 28 Mar 2019 3:08
 Operator : JU/SJ
 Sample : K1560-08
 Misc : LOQ 20PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Quant Time: Mar 28 06:42:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58541	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	245330	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	150486	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	350069	20.00	ng	0.00
76) Chrysene-d12	21.72	240	351141	20.00	ng	0.00
87) Perylene-d12	25.02	264	363953	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	383920	109.02	ng	0.00
7) Phenol-d6	7.22	99	527361	108.36	ng	0.00
23) Nitrobenzene-d5	9.25	82	324645	70.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	185902	114.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	723544	71.24	ng	0.00
79) Terphenyl-d14	20.04	244	1120267	71.77	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	27552	16.639 ng	94
3) Pyridine	3.93	79	78584	17.627 ng	98
4) n-Nitrosodimethylamine	3.85	42	33908	16.442 ng	89
6) Aniline	7.40	93	102986	16.288 ng	99
8) 2-Chlorophenol	7.63	128	68256	16.558 ng	91
9) Benzaldehyde	7.21	77	59715	17.888 ng	95
10) Phenol	7.25	94	90481	17.129 ng	97
11) bis(2-Chloroethyl)ether	7.49	93	69786	16.494 ng	99
12) 1,3-Dichlorobenzene	7.96	146	78020	17.411 ng	96
13) 1,4-Dichlorobenzene	8.11	146	77197	17.297 ng	95
14) 1,2-Dichlorobenzene	8.42	146	73939	17.324 ng	99
15) Benzyl Alcohol	8.31	79	62046	15.831 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	137439	16.926 ng	98
17) 2-Methylphenol	8.50	107	58169	15.914 ng	93
18) Hexachloroethane	9.15	117	28399	16.728 ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	58406	16.739 ng	98
20) 3+4-Methylphenols	8.83	107	80296	16.215 ng	98
22) Acetophenone	8.90	105	109012	17.813 ng	# 96
24) Nitrobenzene	9.29	77	84207	17.618 ng	97
25) Isophorone	9.80	82	165640	17.442 ng	99
26) 2-Nitrophenol	10.00	139	37843	16.710 ng	96
27) 2,4-Dimethylphenol	10.04	122	59883	16.646 ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	99283	17.671 ng	100
29) 2,4-Dichlorophenol	10.53	162	65635	16.809 ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	75153	17.528 ng	96
31) Naphthalene	10.94	128	228515	18.172 ng	98
32) Benzoic acid	10.16	122	22992	10.578 ng	95
33) 4-Chloroaniline	11.05	127	94320	17.584 ng	98
34) Hexachlorobutadiene	11.20	225	48666	17.748 ng	91
35) Caprolactam	11.82	113	25900	16.715 ng	87
36) 4-Chloro-3-methylphenol	12.15	107	76112	16.956 ng	99
37) 2-Methylnaphthalene	12.53	142	165103	17.753 ng	98
38) 1-Methylnaphthalene	12.75	142	161794	17.940 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85642	17.906 ng	99

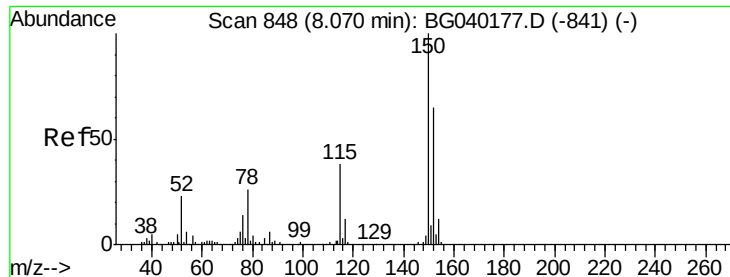
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040190.D
 Acq On : 28 Mar 2019 3:08
 Operator : JU/SJ
 Sample : K1560-08
 Misc : LOQ 20PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Quant Time: Mar 28 06:42:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	40402	15.384	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	51923	16.838	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	53285	15.853	ng	97
46) 1,1'-Biphenyl	13.53	154	213250	17.935	ng	98
47) 2-Chloronaphthalene	13.58	162	161390	17.695	ng	100
48) 2-Nitroaniline	13.79	65	50776	16.505	ng	94
49) Acenaphthylene	14.43	152	280140	18.116	ng	99
50) Dimethylphthalate	14.15	163	211004	17.916	ng	99
51) 2,6-Dinitrotoluene	14.28	165	45874	17.347	ng	98
52) Acenaphthene	14.76	154	159813	18.036	ng	98
53) 3-Nitroaniline	14.62	138	47626	17.014	ng	# 90
54) 2,4-Dinitrophenol	14.82	184	19846	14.111	ng	85
55) Dibenzofuran	15.10	168	261020	18.332	ng	97
56) 4-Nitrophenol	14.91	139	36007	15.938	ng	97
57) 2,4-Dinitrotoluene	15.06	165	63837	17.373	ng	97
58) Fluorene	15.74	166	203968	18.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	50994	16.719	ng	# 98
60) Diethylphthalate	15.50	149	216807	17.989	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	106763	17.842	ng	99
62) 4-Nitroaniline	15.77	138	52478	17.469	ng	97
63) Azobenzene	16.03	77	200186	17.609	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	29507	15.003	ng	92
66) n-Nitrosodiphenylamine	15.95	169	181436	17.711	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	69256	17.580	ng	98
68) Hexachlorobenzene	16.74	284	72971	18.422	ng	95
69) Atrazine	16.89	200	67362	17.677	ng	98
70) Pentachlorophenol	17.09	266	34045	14.867	ng	95
71) Phenanthrene	17.49	178	346607	18.837	ng	99
72) Anthracene	17.58	178	336575	18.275	ng	98
73) Carbazole	17.85	167	320265	18.375	ng	99
74) Di-n-butylphthalate	18.38	149	374203	18.112	ng	99
75) Fluoranthene	19.49	202	416480	19.115	ng	98
77) Benzidine	19.67	184	179072	14.122	ng	97
78) Pyrene	19.86	202	425758	18.438	ng	99
80) Butylbenzylphthalate	20.73	149	165148	16.713	ng	94
81) Benzo(a)anthracene	21.70	228	394862	18.257	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	140321	17.055	ng	97
83) Chrysene	21.77	228	375445	18.062	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	236418	16.738	ng	99
85) Di-n-octyl phthalate	22.80	149	396498	16.476	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	439478	17.287	ng	99
88) Benzo(b)fluoranthene	23.96	252	401110	18.001	ng	99
89) Benzo(k)fluoranthene	24.03	252	377582	18.426	ng	97
90) Benzo(a)pyrene	24.86	252	374784	17.926	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	354016	18.232	ng	97
92) Benzo(g,h,i)perylene	29.99	276	360516	18.066	ng	100

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

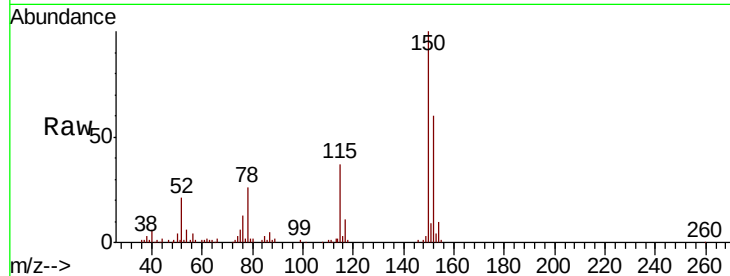


#1

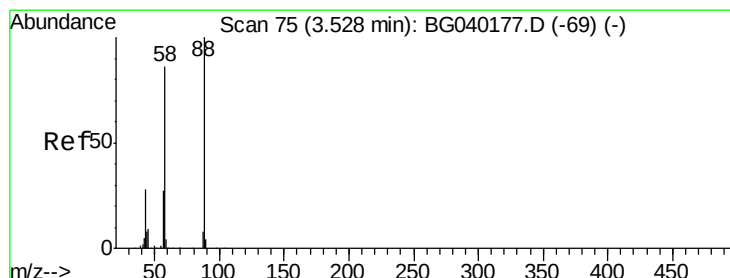
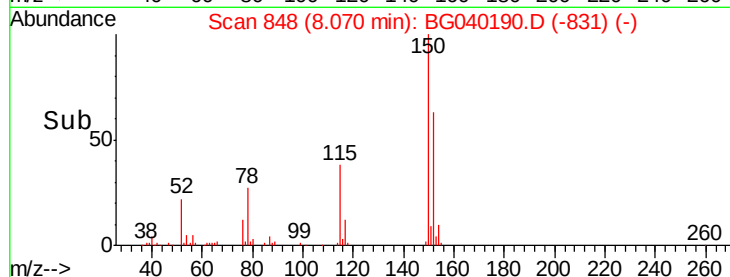
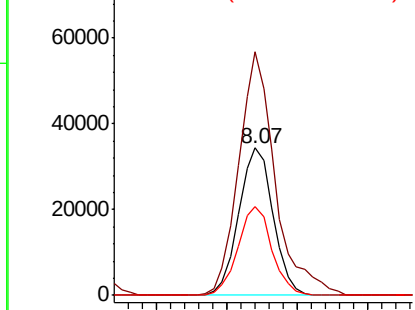
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:152 Resp: 58541
Ion Ratio Lower Upper
152 100
150 165.5 123.7 185.5
115 60.7 46.9 70.3



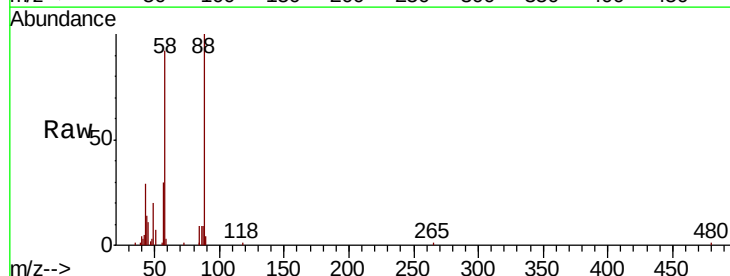
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



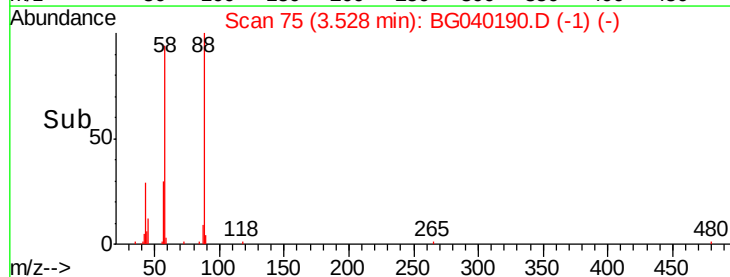
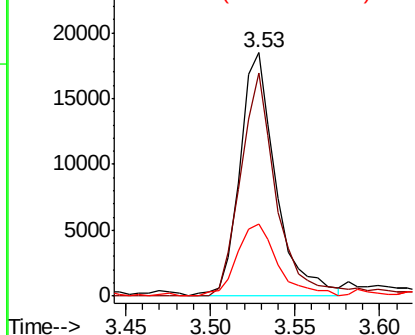
#2

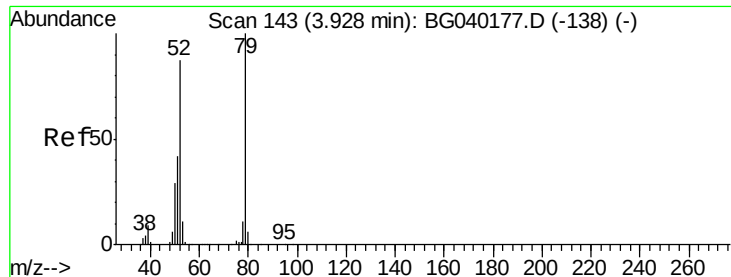
1,4-Dioxane
Concen: 16.639 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion: 88 Resp: 27552
Ion Ratio Lower Upper
88 100
58 94.0 70.6 106.0
43 33.5 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 17.627 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

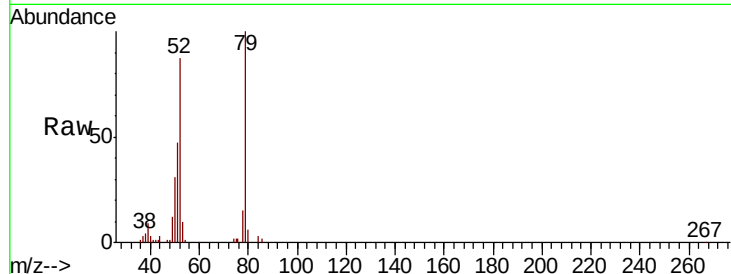
Tgt Ion: 79 Resp: 78584

Ion Ratio Lower Upper

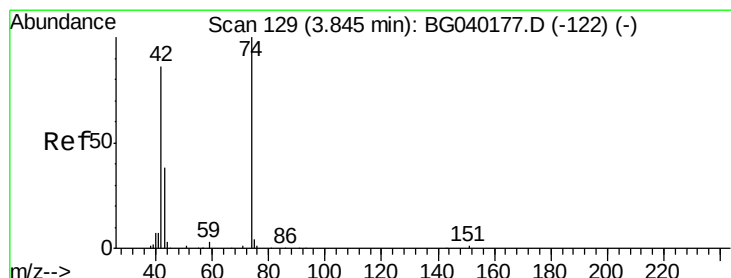
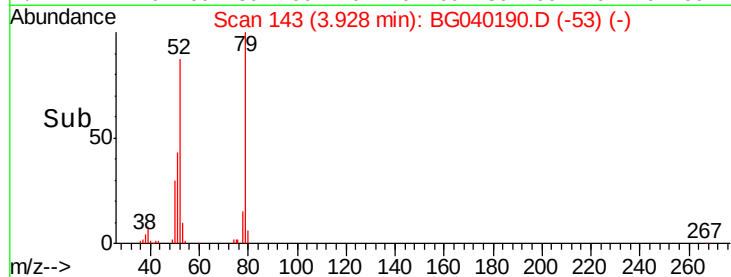
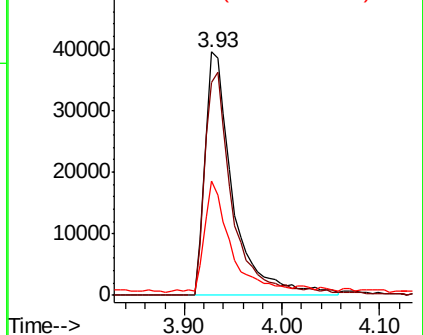
79 100

52 87.3 69.8 104.8

51 46.8 33.9 50.9



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: 16.442 ng

RT: 3.85 min Scan# 130

Delta R.T. 0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

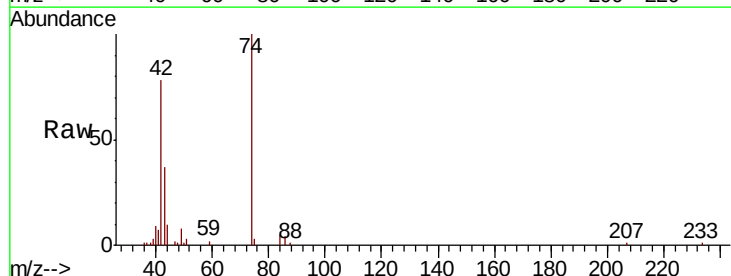
Tgt Ion: 42 Resp: 33908

Ion Ratio Lower Upper

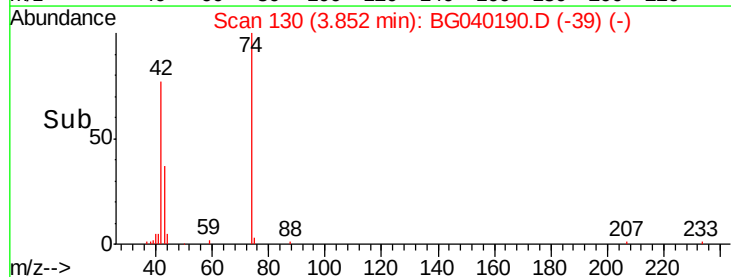
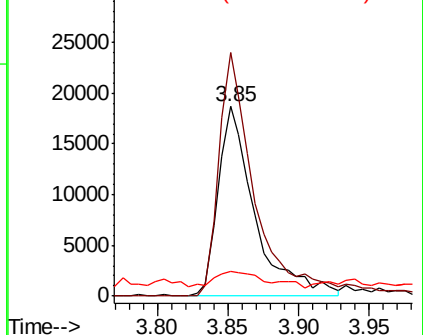
42 100

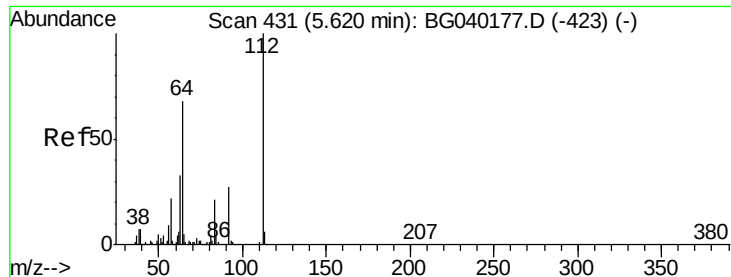
74 128.5 92.9 139.3

44 13.4 9.7 14.5



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: 109.023 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

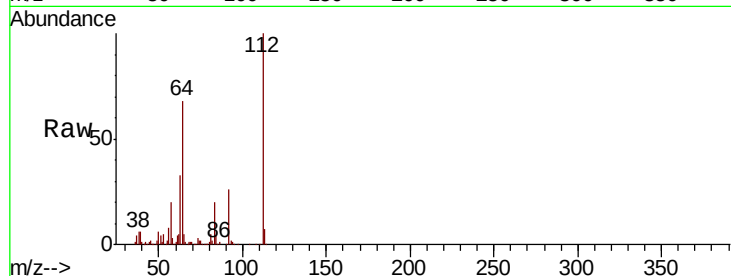
Tgt Ion: 112 Resp: 383920

Ion Ratio Lower Upper

112 100

64 67.9 54.2 81.2

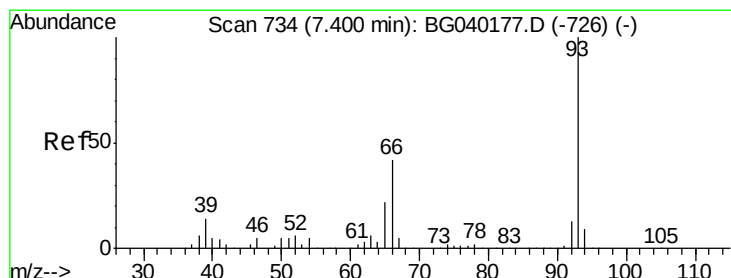
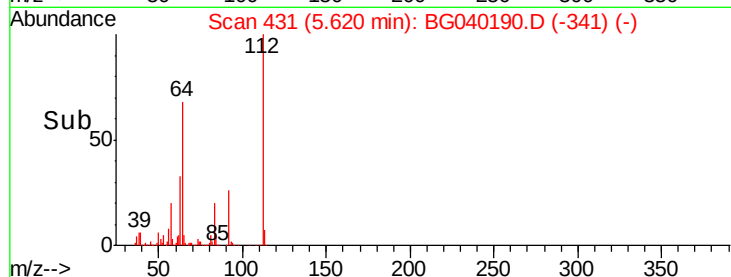
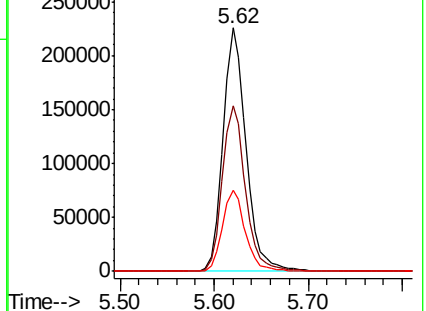
63 33.2 26.4 39.6



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: 16.288 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

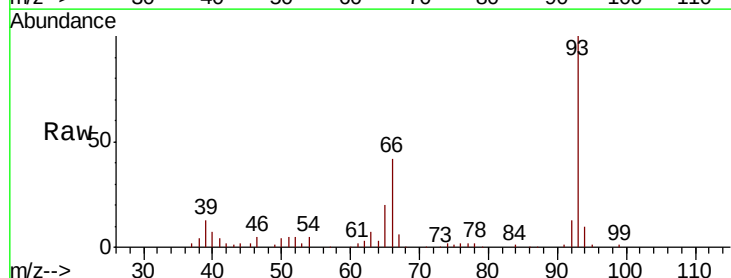
Tgt Ion: 93 Resp: 102986

Ion Ratio Lower Upper

93 100

66 41.6 33.6 50.4

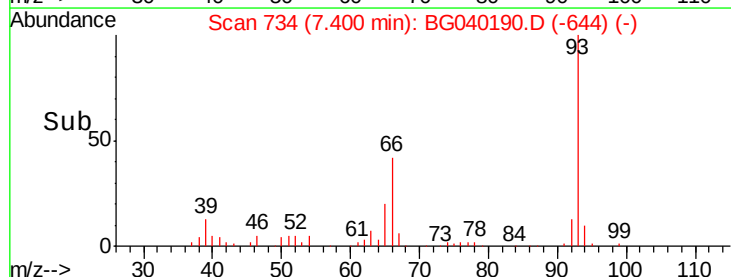
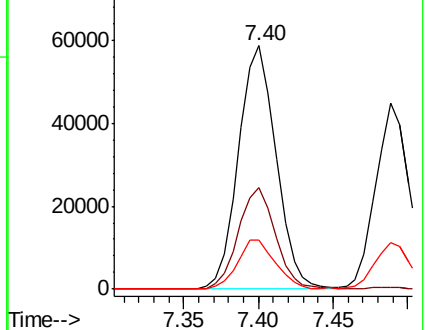
65 20.2 17.4 26.2

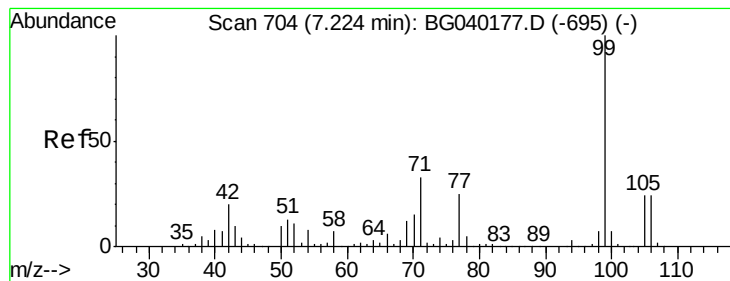


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.361 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

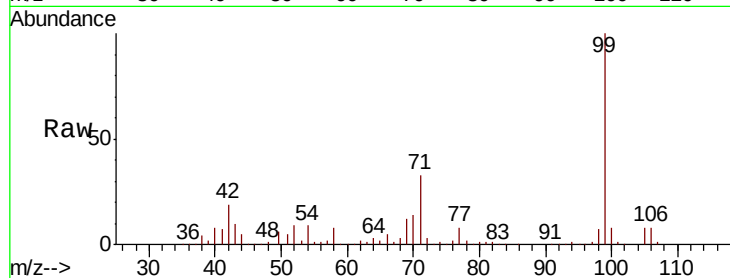
Tgt Ion: 99 Resp: 527361

Ion Ratio Lower Upper

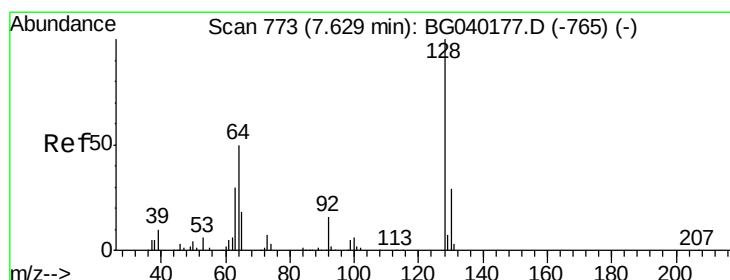
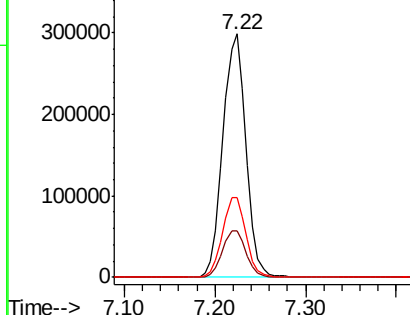
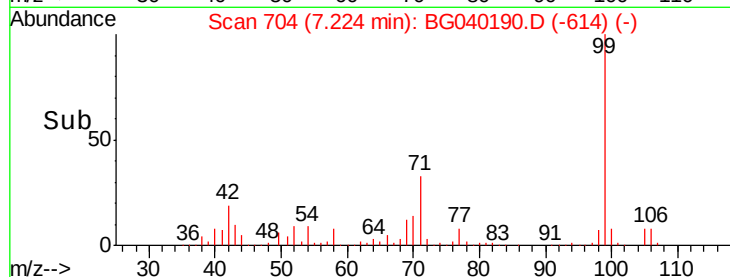
99 100

42 19.1 16.2 24.2

71 32.9 26.8 40.2



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



#8

2-Chlorophenol

Concen: 16.558 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

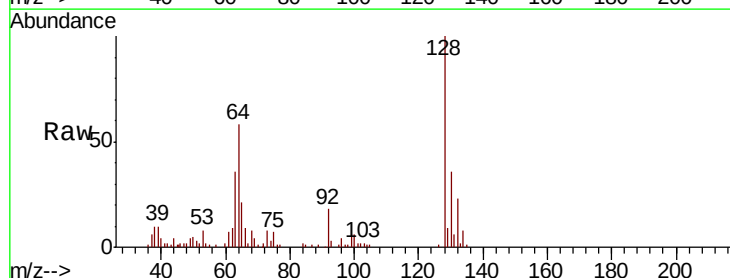
Tgt Ion: 128 Resp: 68256

Ion Ratio Lower Upper

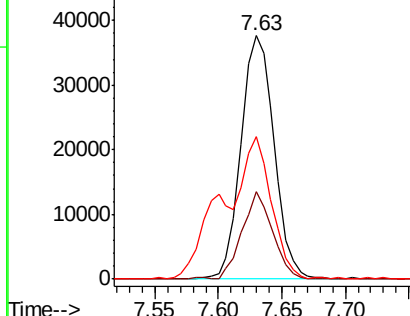
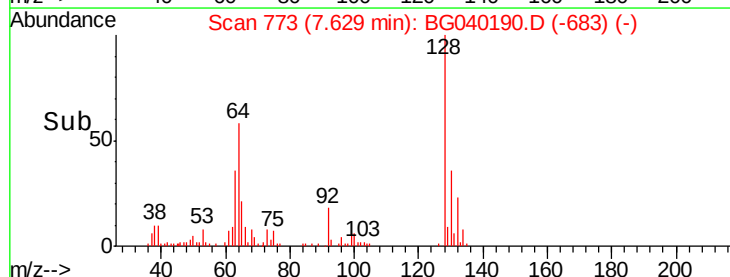
128 100

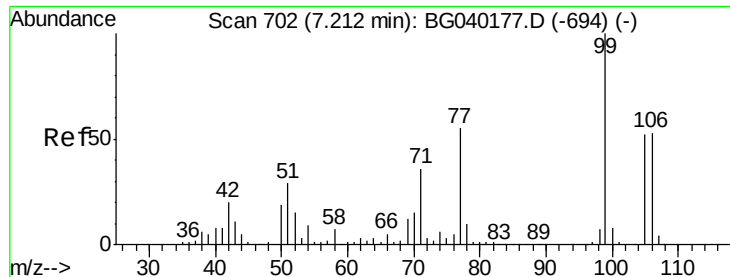
130 35.7 9.1 49.1

64 58.3 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.888 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

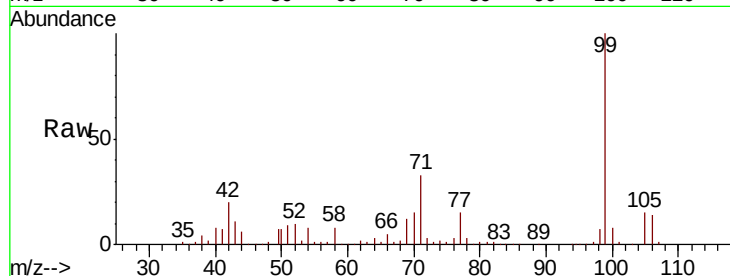
Tgt Ion: 77 Resp: 59715

Ion Ratio Lower Upper

77 100

105 101.4 75.0 115.0

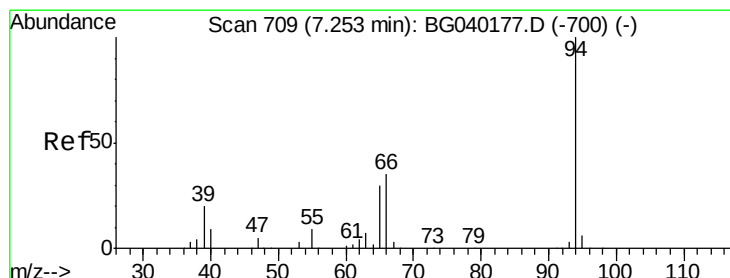
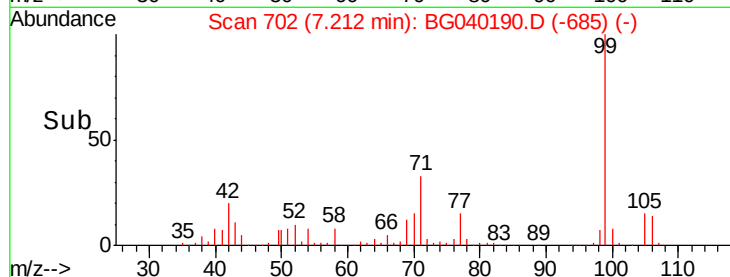
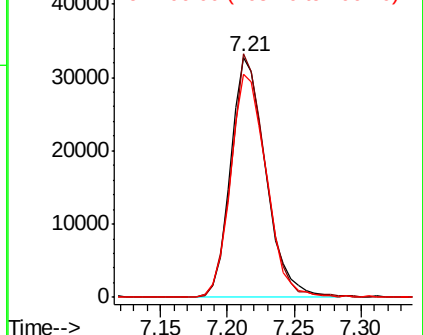
106 92.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 17.129 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

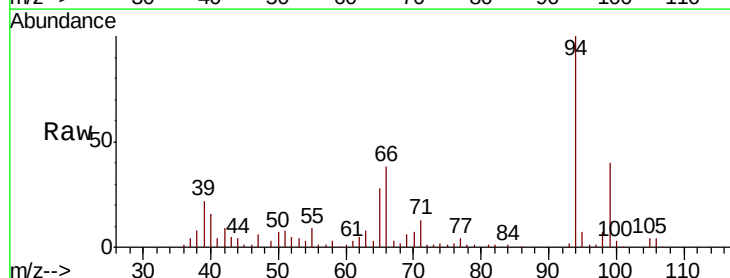
Tgt Ion: 94 Resp: 90481

Ion Ratio Lower Upper

94 100

65 28.5 10.5 50.5

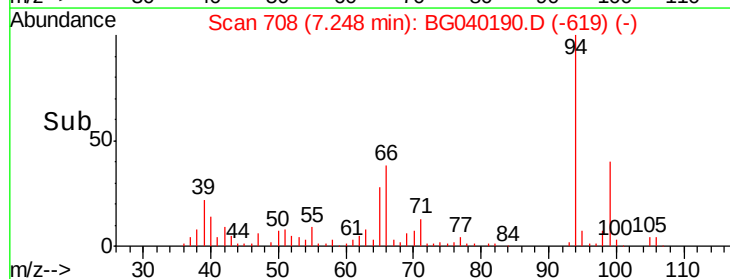
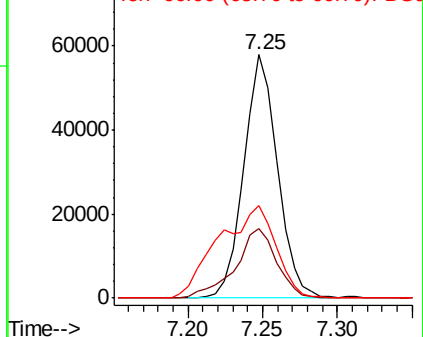
66 37.9 16.9 56.9

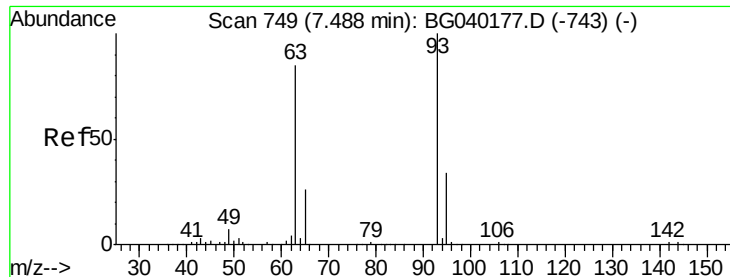


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

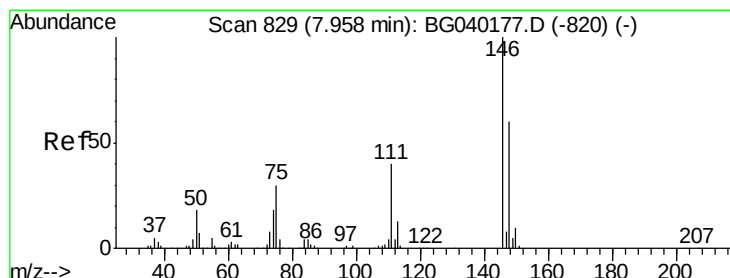
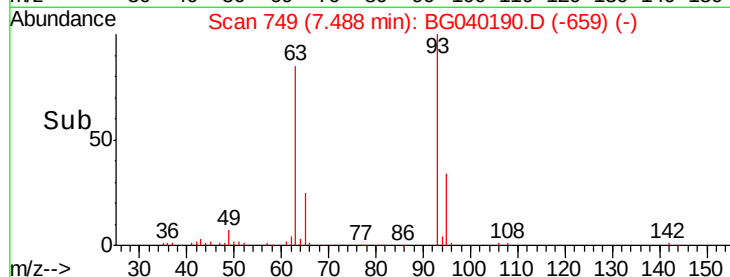
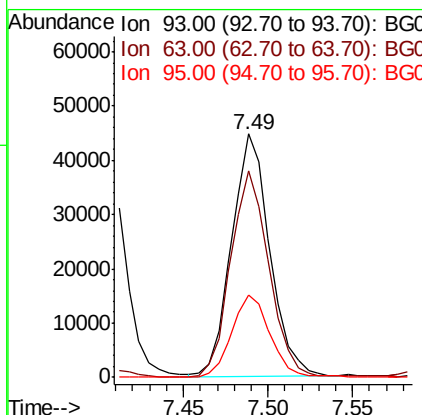
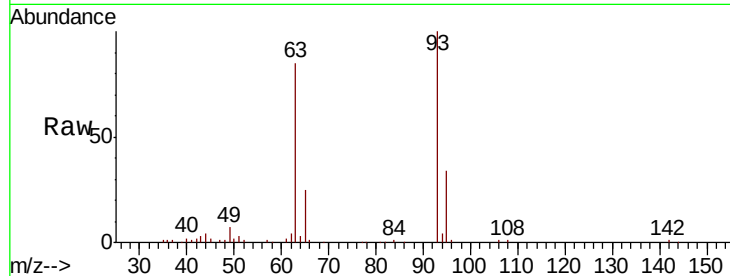




#11
 bis(2-Chloroethyl)ether
 Concen: 16.494 ng
 RT: 7.49 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

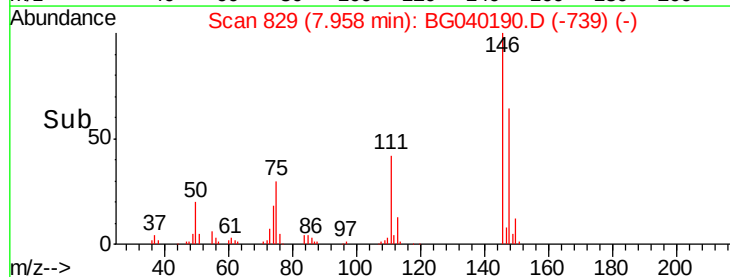
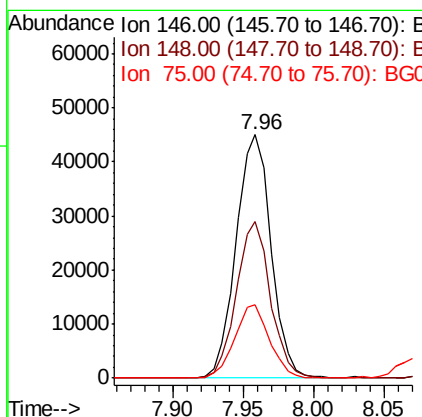
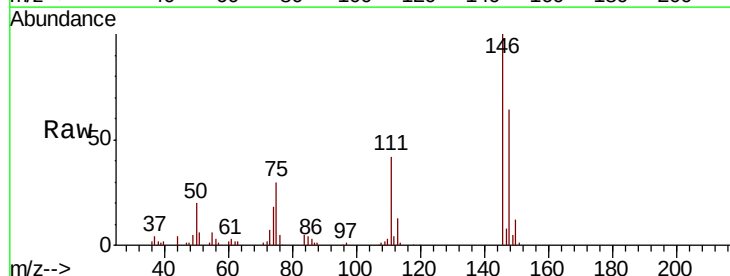
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

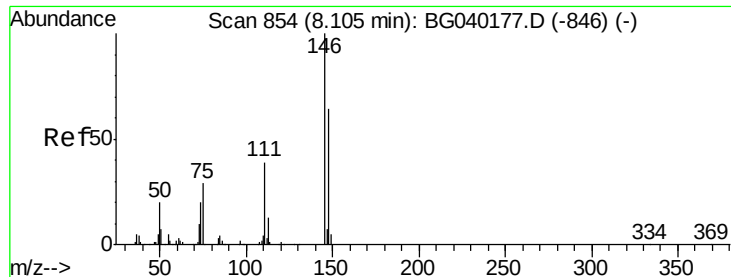
Tgt Ion: 93 Resp: 69786
 Ion Ratio Lower Upper
 93 100
 63 84.9 64.2 104.2
 95 33.7 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 17.411 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion: 146 Resp: 78020
 Ion Ratio Lower Upper
 146 100
 148 64.2 48.2 72.2
 75 30.3 24.1 36.1

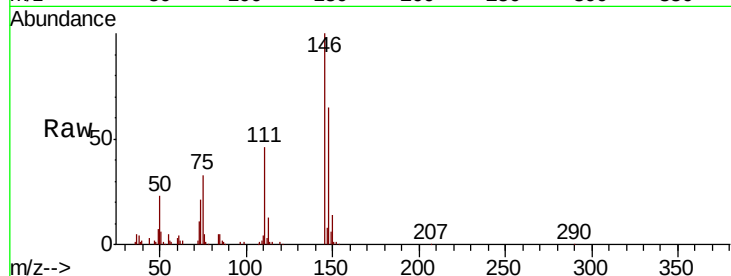




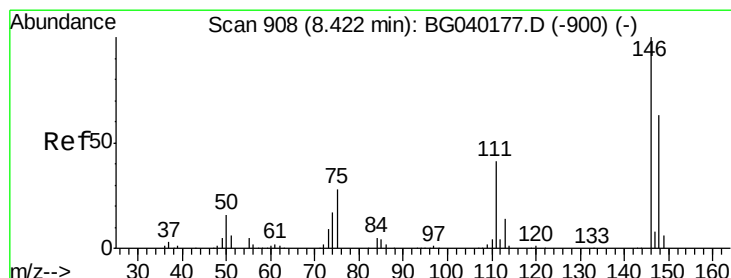
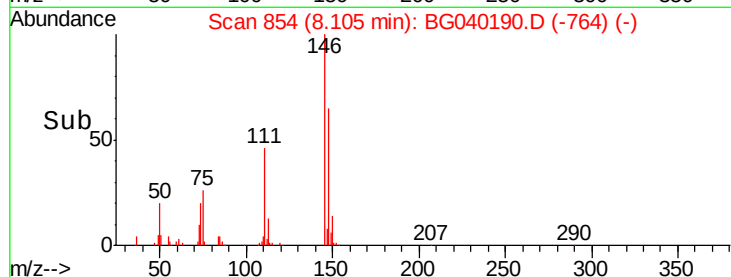
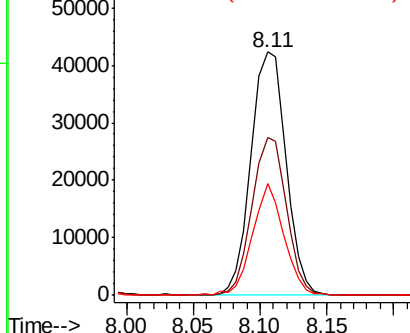
#13
 1,4-Dichlorobenzene
 Concen: 17.297 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:146 Resp: 77197
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 111 45.9 31.8 47.6

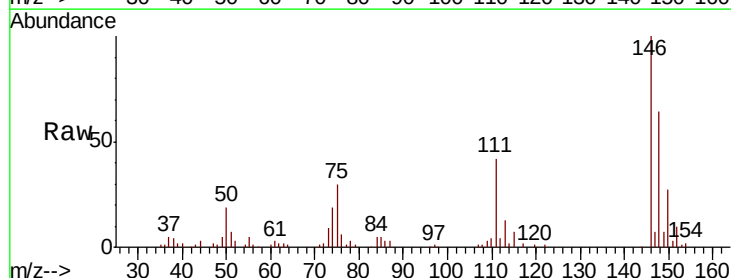


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

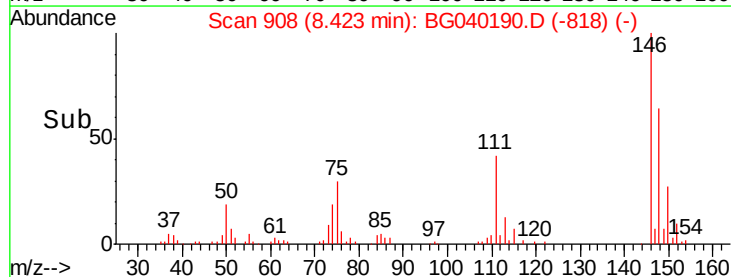
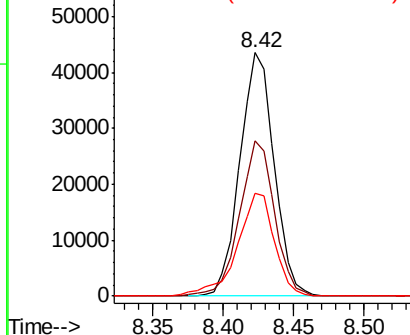


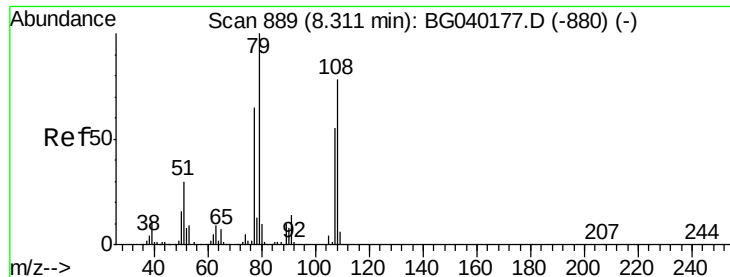
#14
 1,2-Dichlorobenzene
 Concen: 17.324 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion:146 Resp: 73939
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 42.4 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 15.831 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

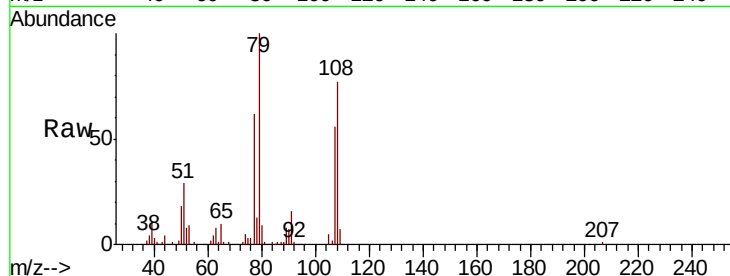
Tgt Ion: 79 Resp: 62046

Ion Ratio Lower Upper

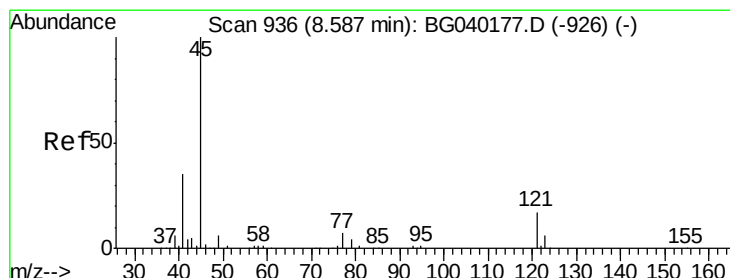
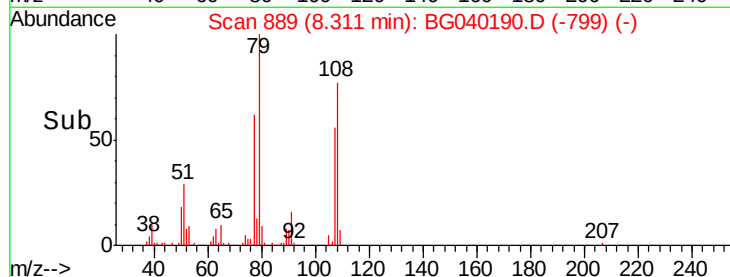
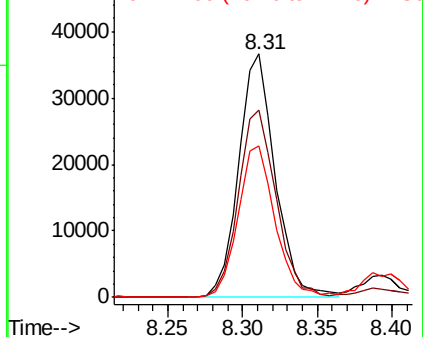
79 100

108 77.1 62.1 93.1

77 62.4 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.926 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

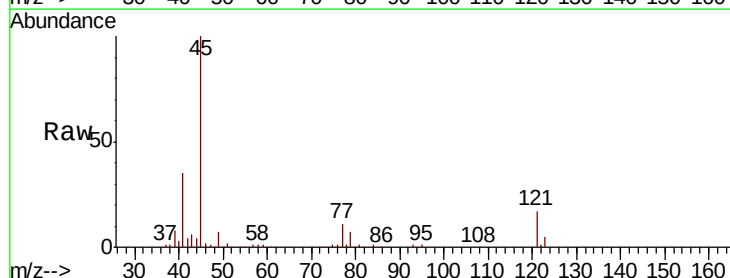
Tgt Ion: 45 Resp: 137439

Ion Ratio Lower Upper

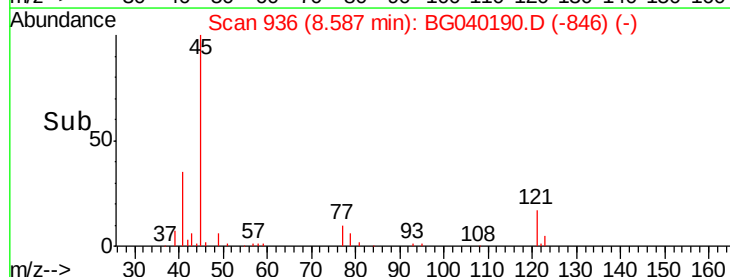
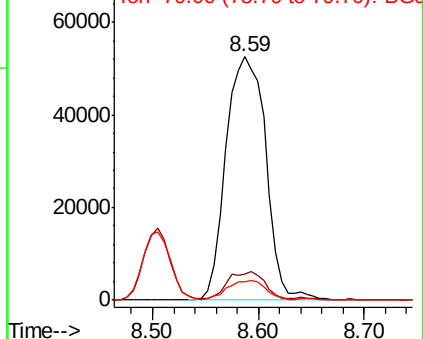
45 100

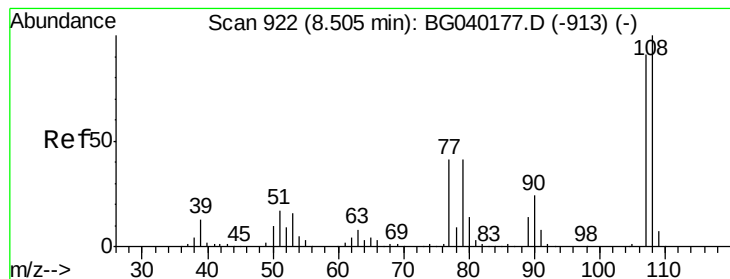
77 10.7 0.0 31.4

79 7.5 0.0 28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 15.914 ng

RT: 8.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:107 Resp: 58169

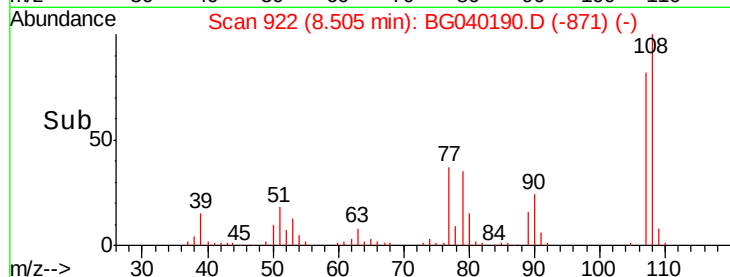
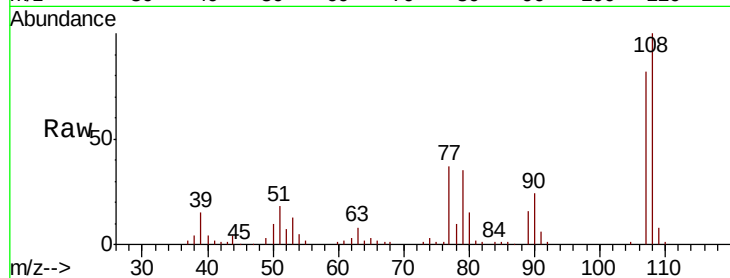
Ion Ratio Lower Upper

107 100

108 121.5 88.2 132.4

77 45.2 36.6 55.0

79 43.1 36.5 54.7

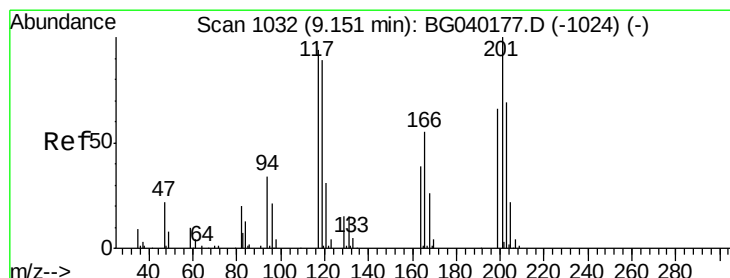
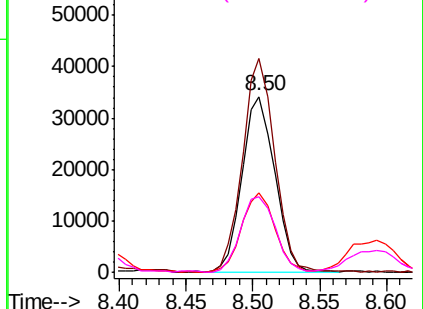


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 16.728 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

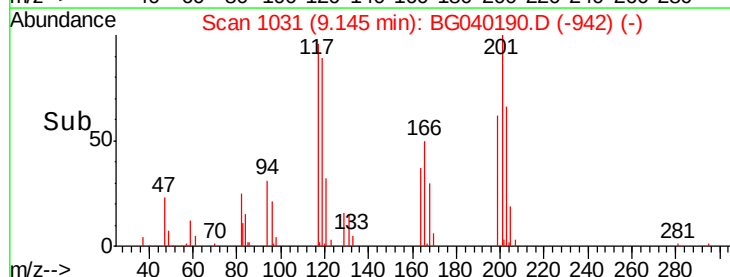
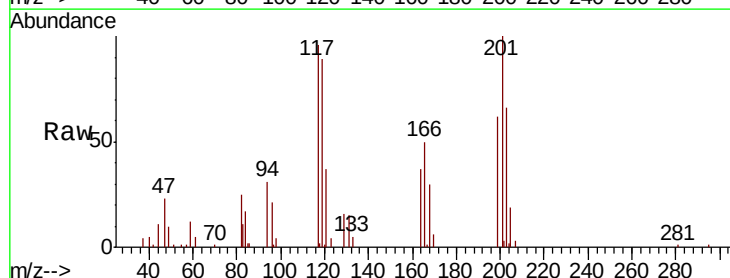
Tgt Ion:117 Resp: 28399

Ion Ratio Lower Upper

117 100

119 93.0 76.6 115.0

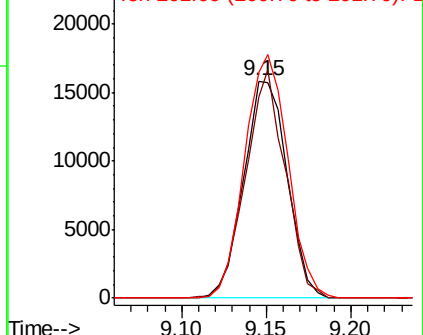
201 104.1 85.0 127.4

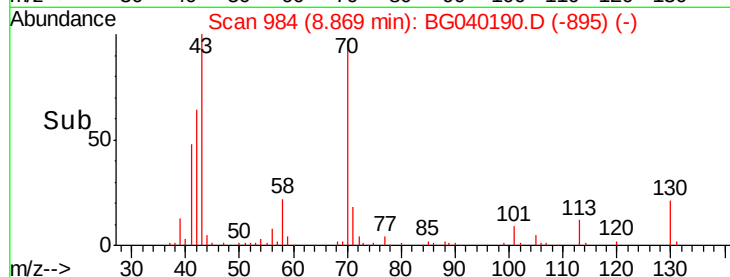
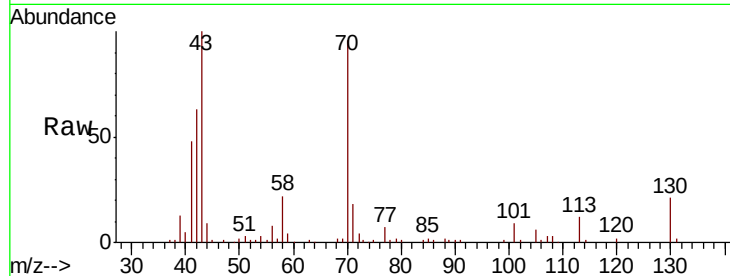
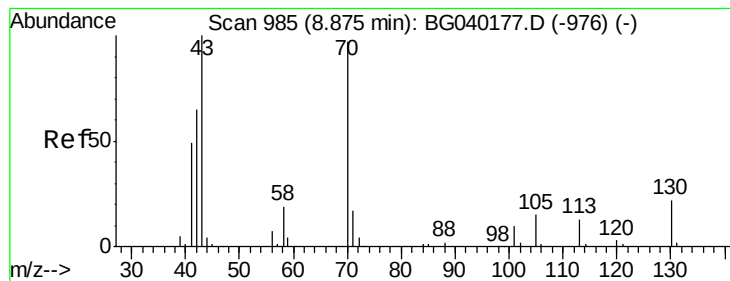


Abundance Ion 117.00 (116.70 to 117.70): E

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: 16.739 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion: 70 Resp: 58406

Ion Ratio Lower Upper

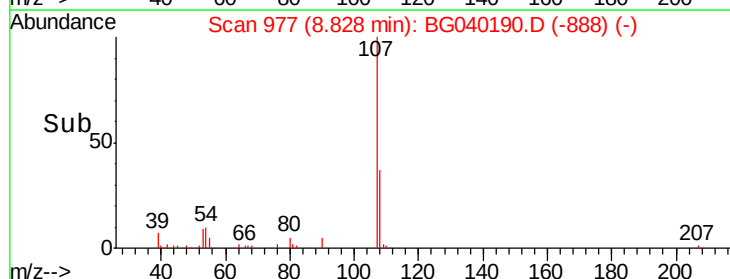
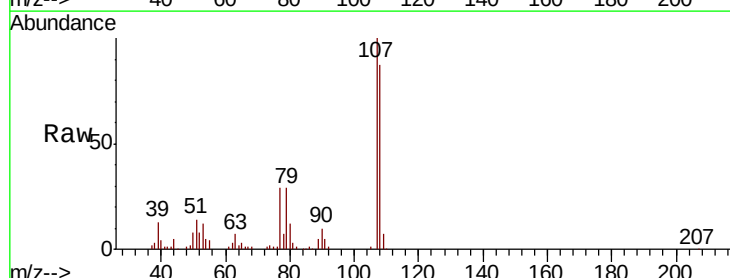
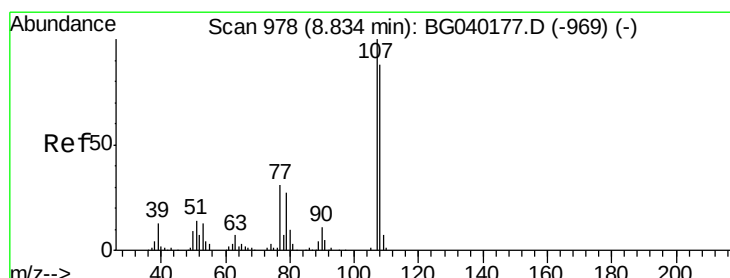
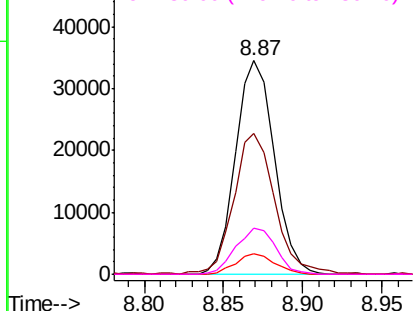
70 100

42 65.8 54.0 81.0

101 9.5 8.6 13.0

130 21.6 18.2 27.2

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: 16.215 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Tgt Ion: 107 Resp: 80296

Ion Ratio Lower Upper

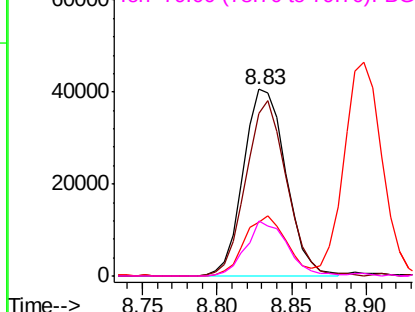
107 100

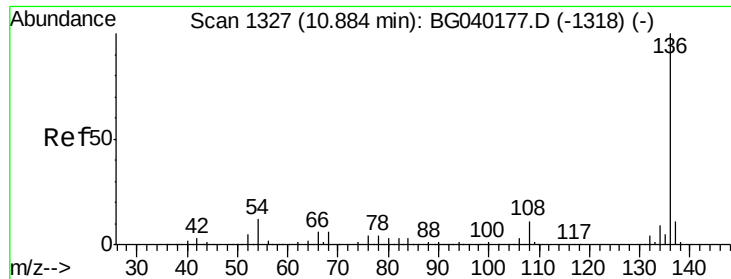
108 87.2 68.3 108.3

77 29.0 11.3 51.3

79 29.3 7.3 47.3

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

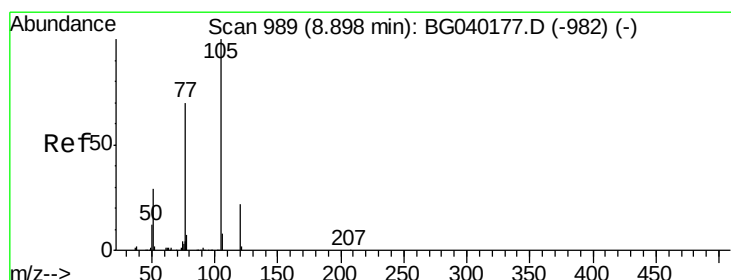
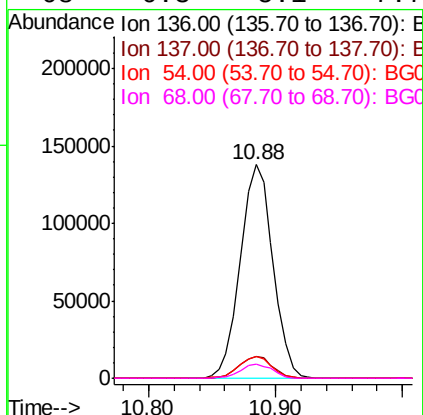
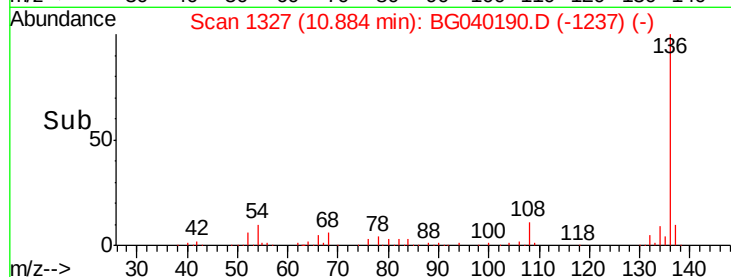
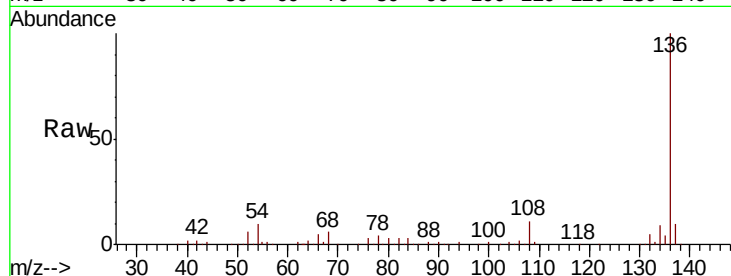




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

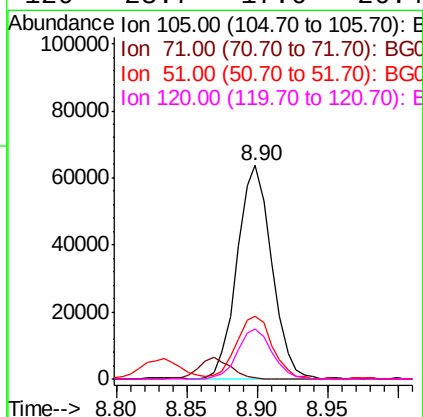
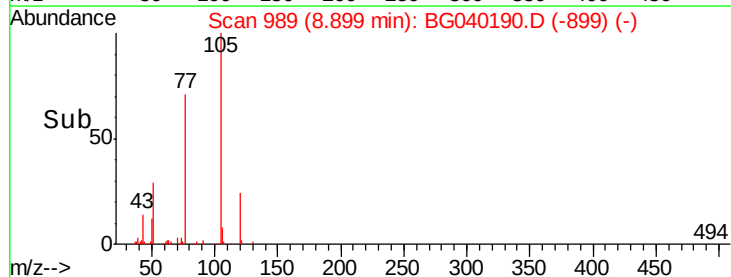
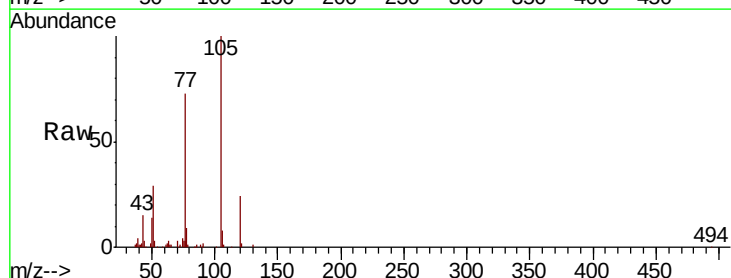
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

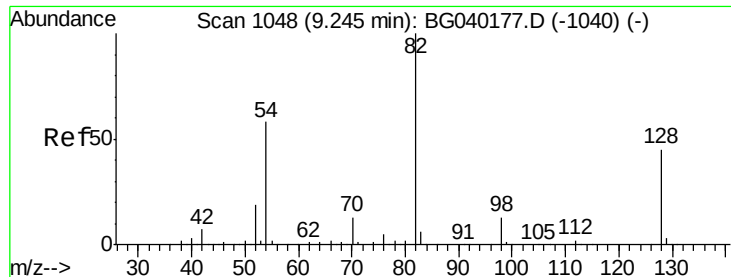
Tgt Ion:	136	Resp:	245330
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.1	9.6	14.4
68	6.3	5.1	7.7



#22
Acetophenone
Concen: 17.813 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion:	105	Resp:	109012
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	29.2	25.1	37.7
120	23.7	17.6	26.4

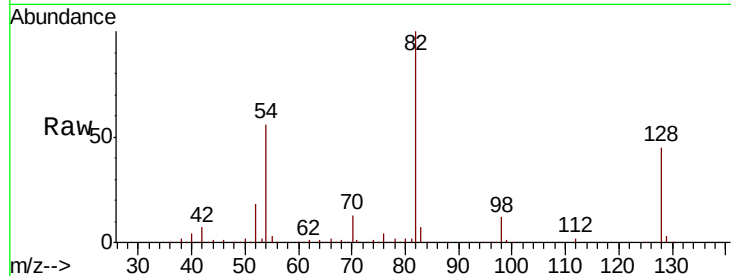




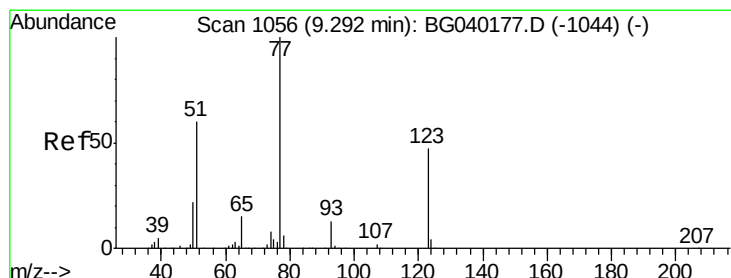
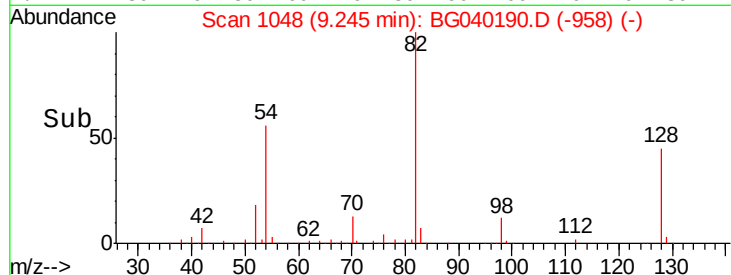
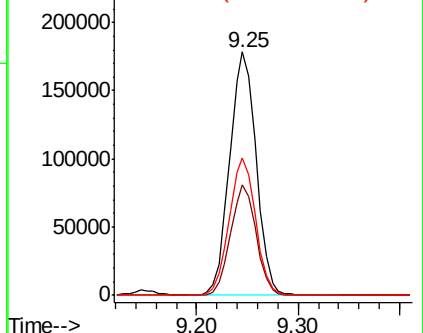
#23
 Nitrobenzene-d5
 Concen: 70.338 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.8	53.8
54	56.3	46.2	69.2

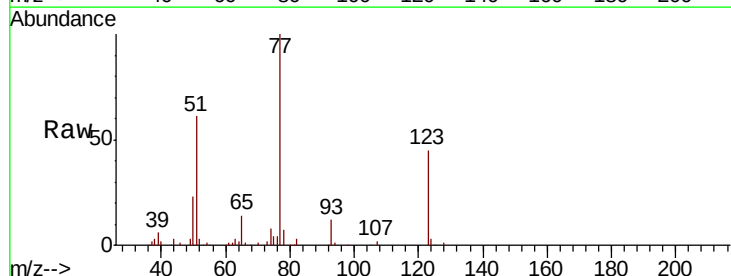


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

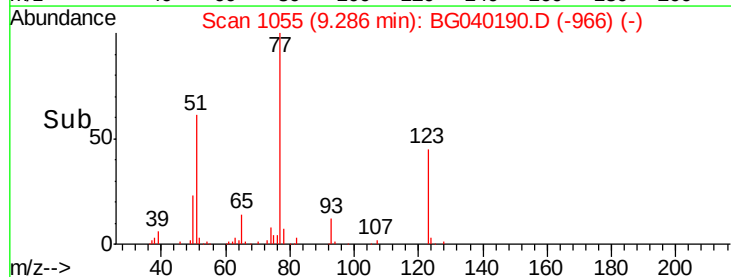
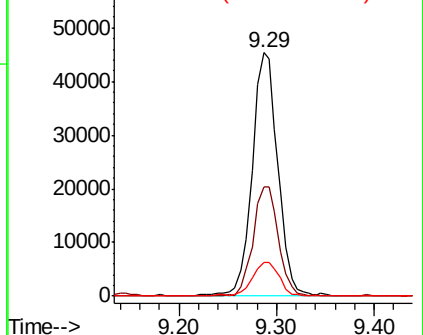


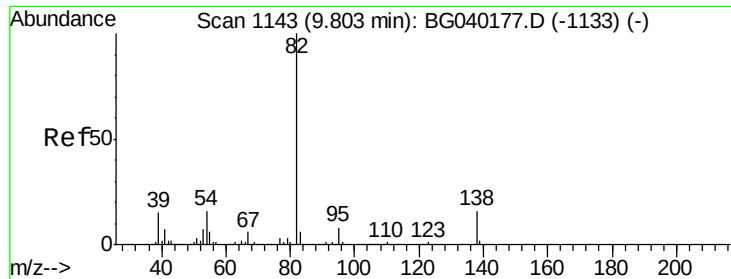
#24
 Nitrobenzene
 Concen: 17.618 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.8	56.6
65	14.0	12.0	18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 17.442 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

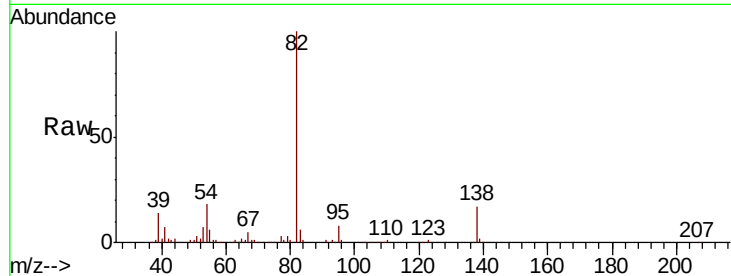
Tgt Ion: 82 Resp: 165640

Ion Ratio Lower Upper

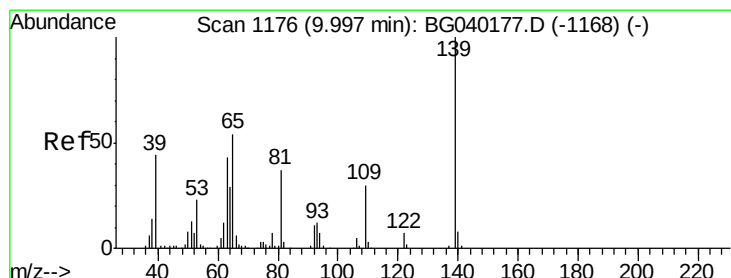
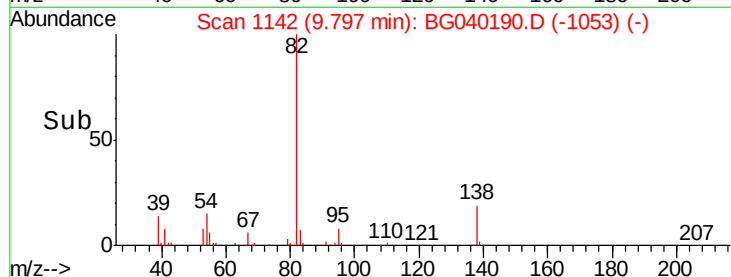
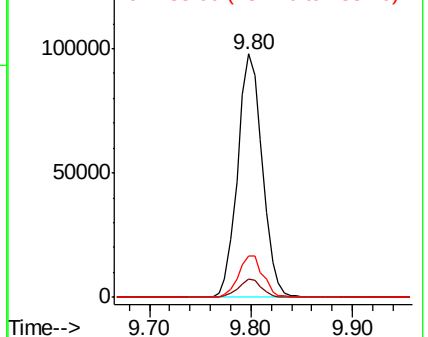
82 100

95 7.5 6.1 9.1

138 16.9 13.2 19.8



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: 16.710 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

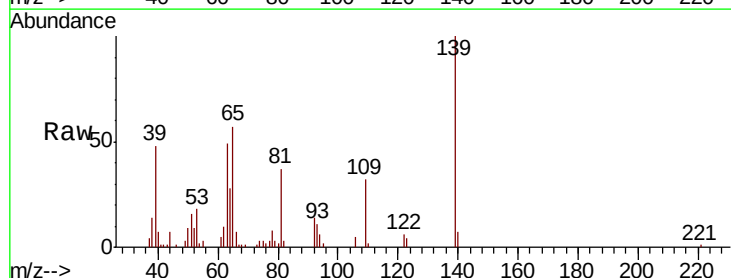
Tgt Ion: 139 Resp: 37843

Ion Ratio Lower Upper

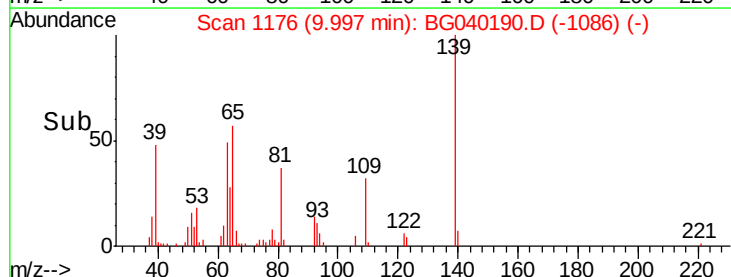
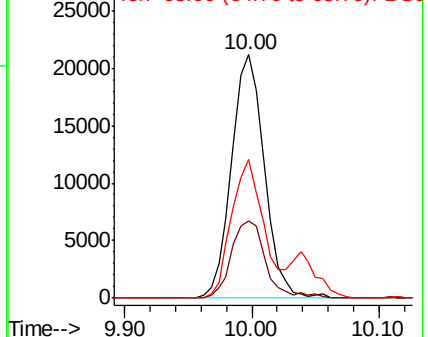
139 100

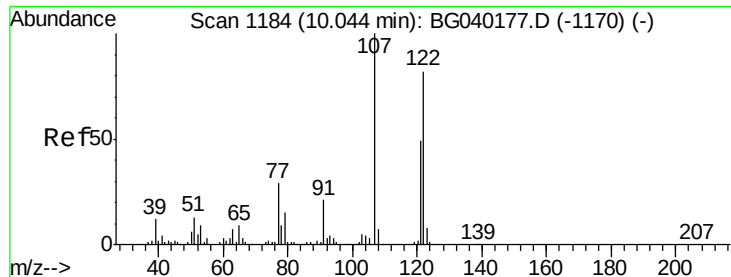
109 31.6 24.1 36.1

65 56.9 43.0 64.6



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

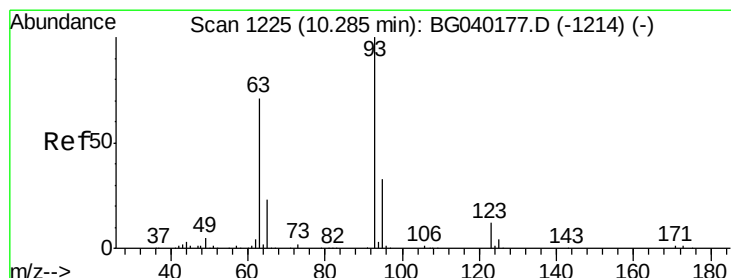
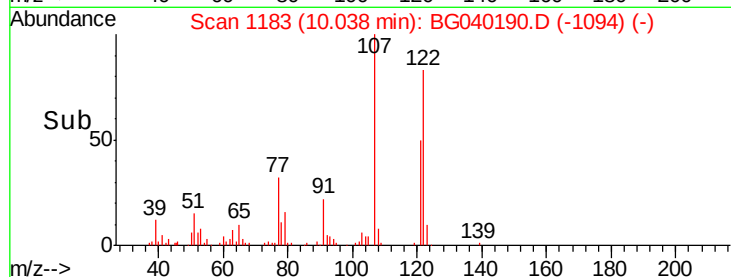
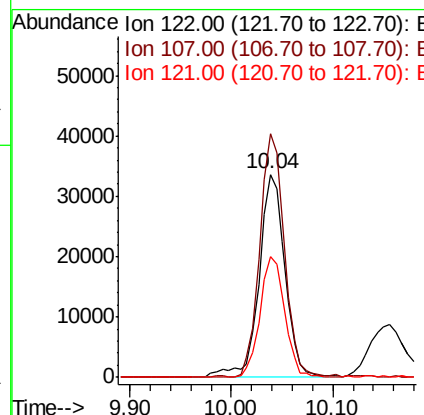
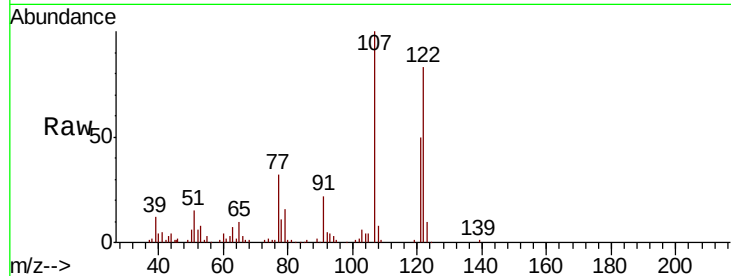




#27
2,4-Dimethylphenol
Concen: 16.646 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

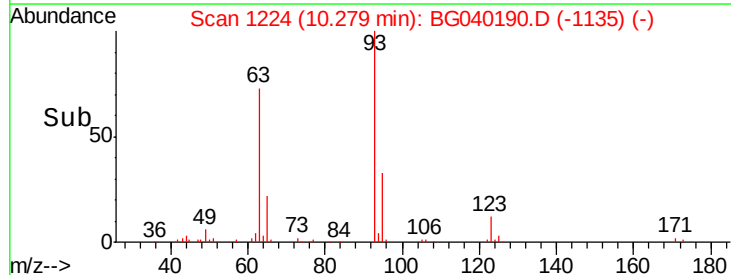
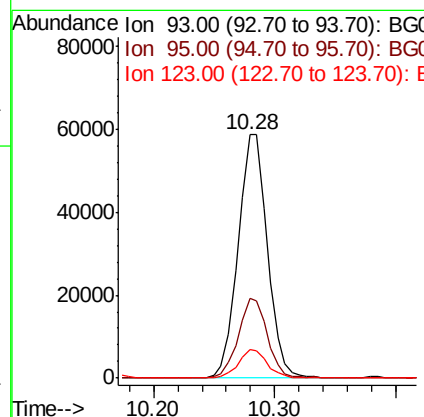
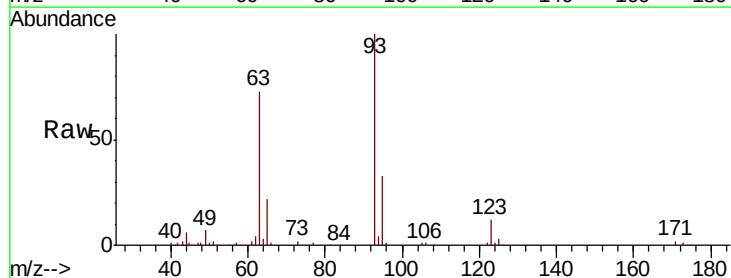
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

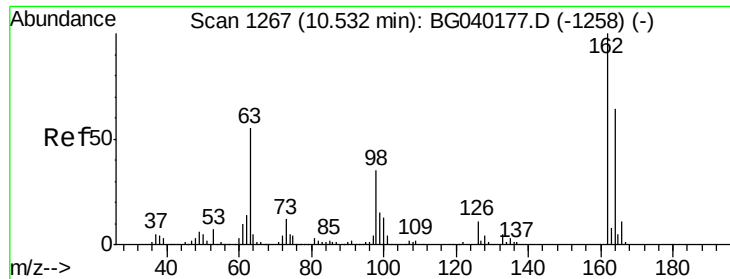
Tgt Ion:122 Resp: 59883
Ion Ratio Lower Upper
122 100
107 119.8 97.4 146.2
121 59.4 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 17.671 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion: 93 Resp: 99283
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.8 9.4 14.0

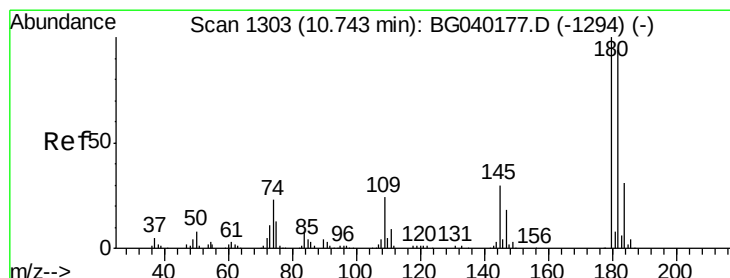
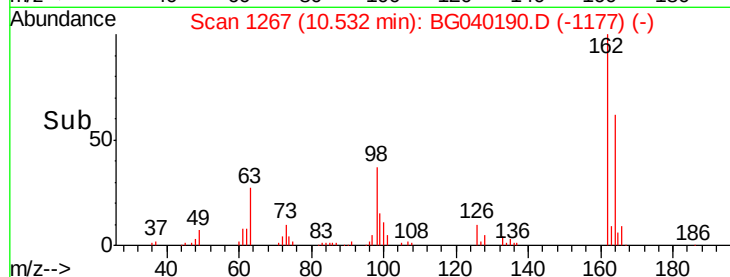
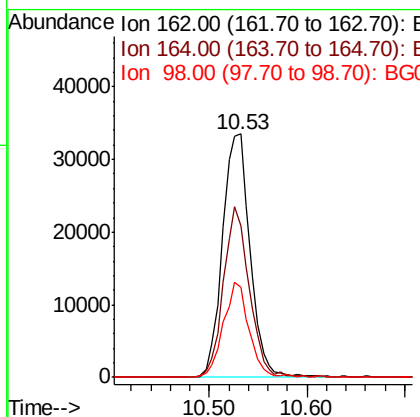
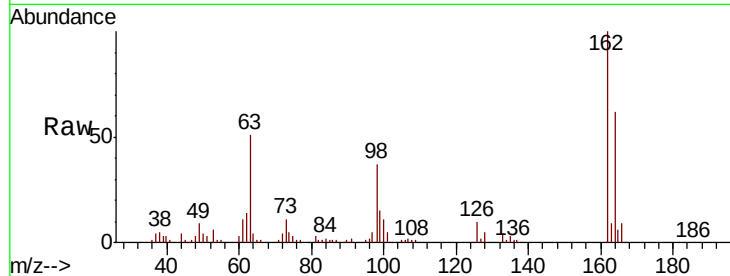




#29
 2,4-Dichlorophenol
 Concen: 16.809 ng
 RT: 10.53 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

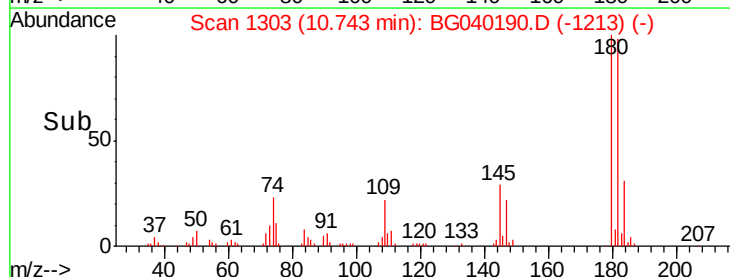
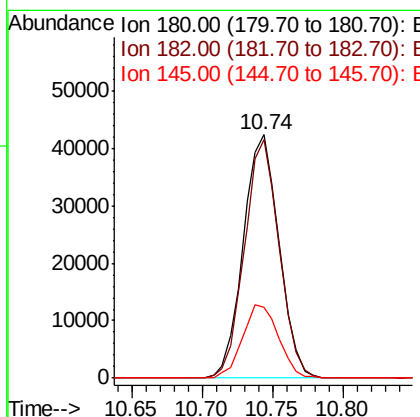
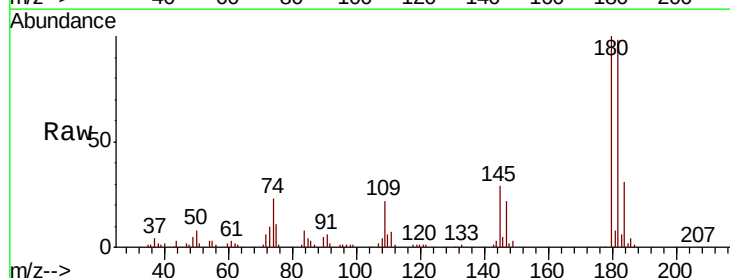
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

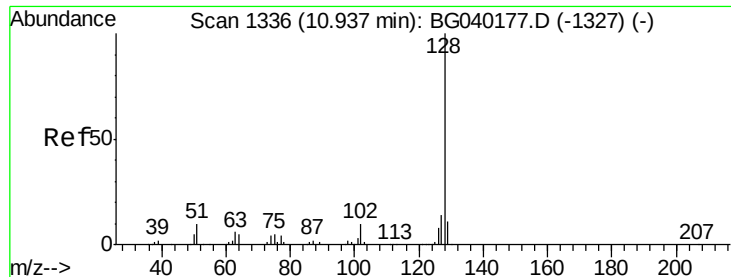
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.9	83.9
98	36.8	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 17.528 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.1	112.7
145	29.1	24.1	36.1

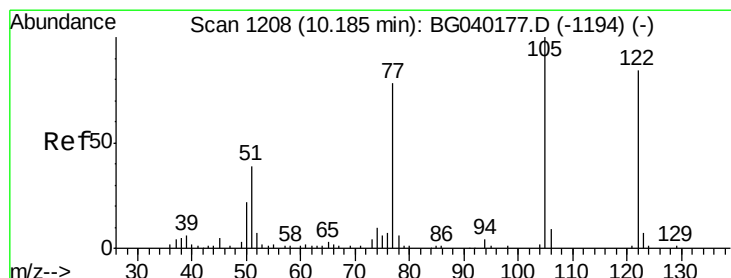
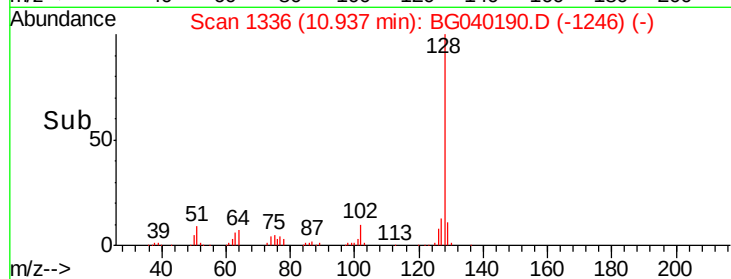
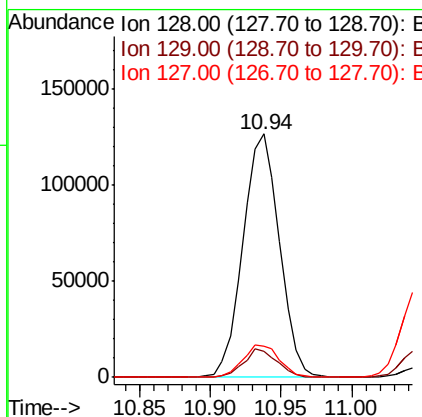
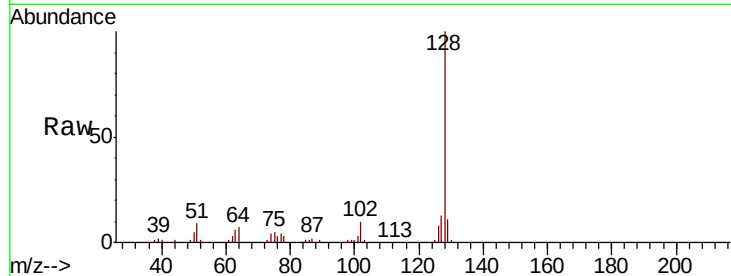




#31
Naphthalene
Concen: 18.172 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

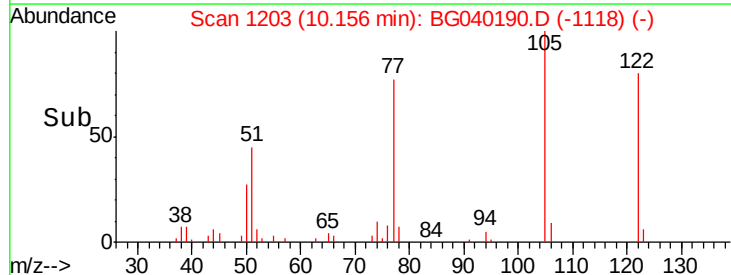
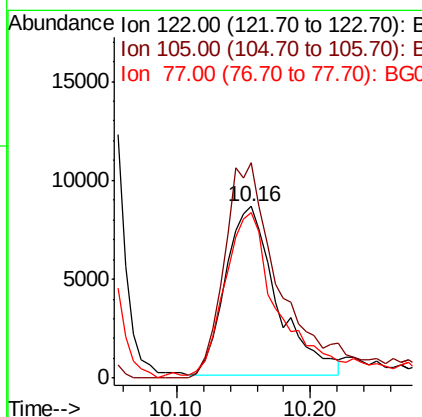
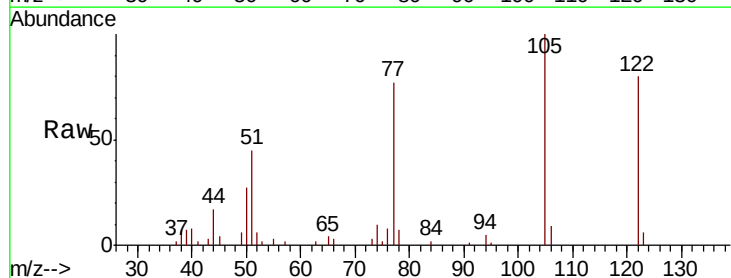
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

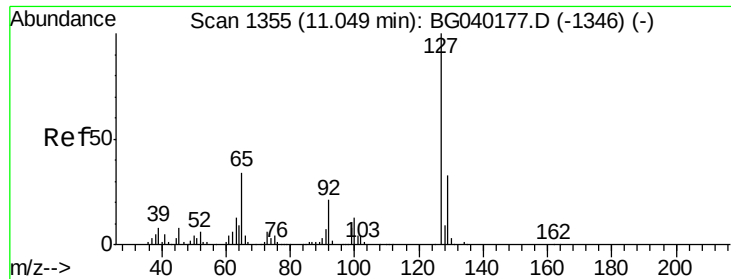
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.8	11.4	17.0



#32
Benzoic acid
Concen: 10.578 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	98.2	138.2
77	96.9	73.6	113.6

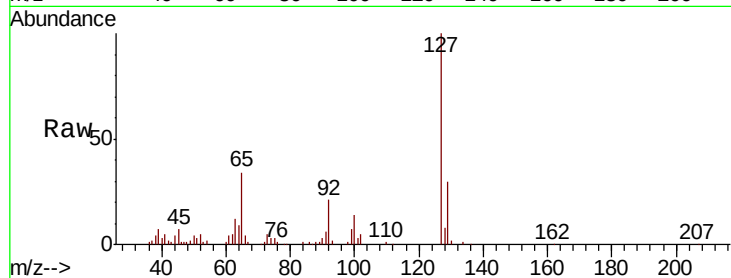




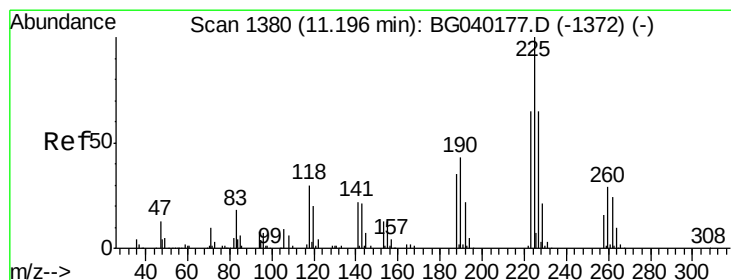
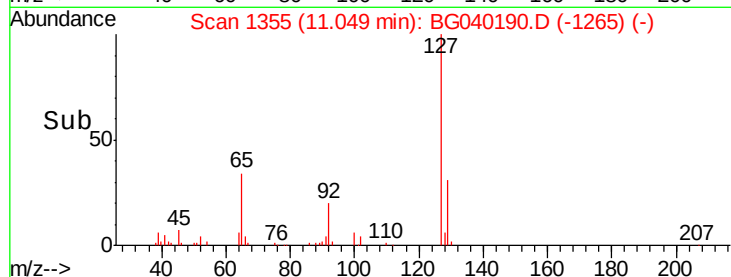
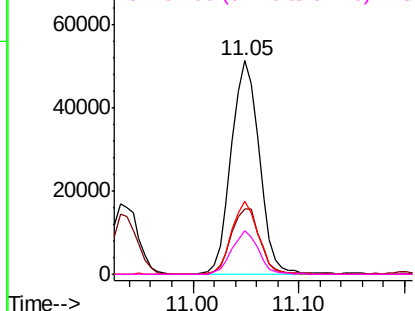
#33
4-Chloroaniline
Concen: 17.584 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:	127	Resp:	94320
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.6	40.0
65	34.1	27.0	40.4
92	20.5	16.6	25.0

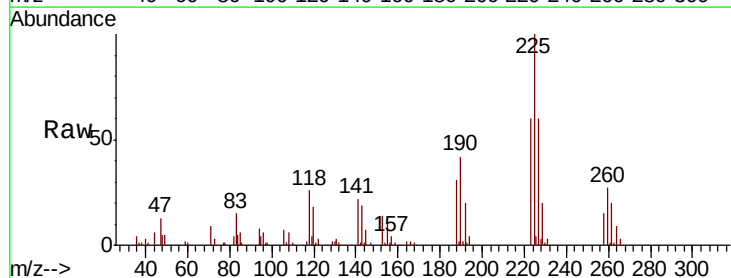


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

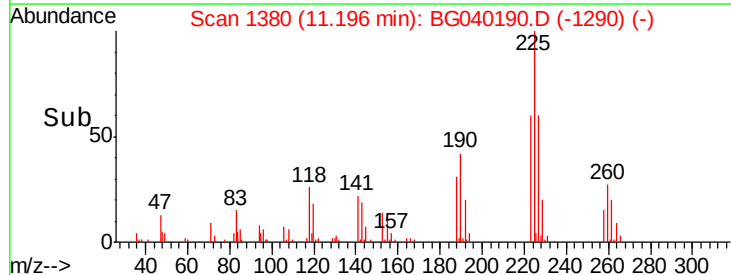
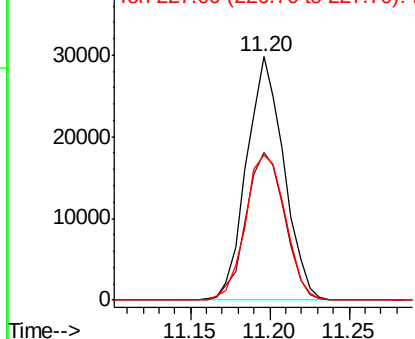


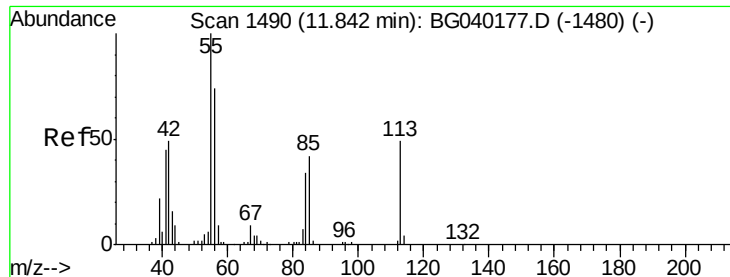
#34
Hexachlorobutadiene
Concen: 17.748 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion:	225	Resp:	48666
Ion	Ratio	Lower	Upper
225	100		
223	58.2	51.8	77.8
227	60.4	54.9	82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.715 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

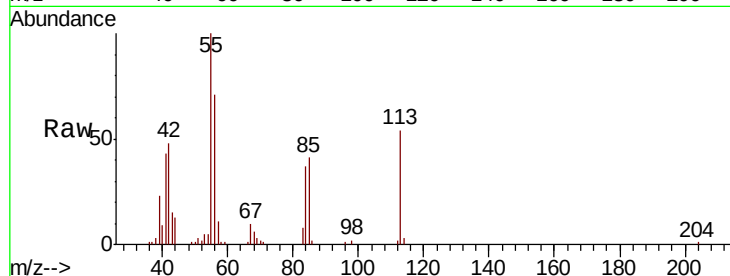
Tgt Ion:113 Resp: 25900

Ion Ratio Lower Upper

113 100

55 185.6 184.2 224.2

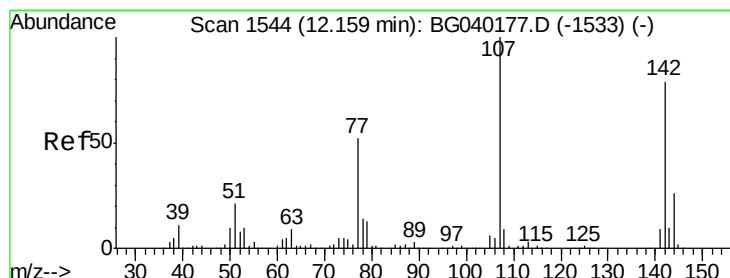
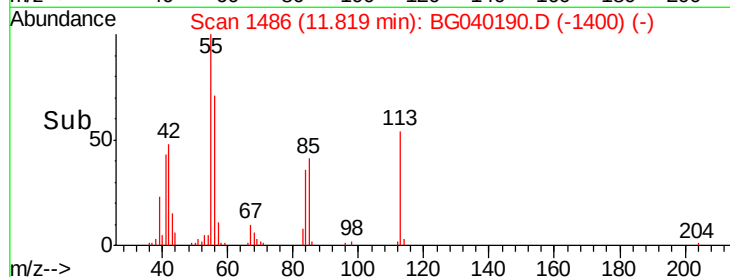
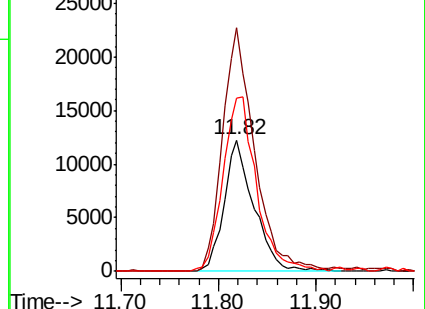
56 132.2 131.3 171.3



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: 16.956 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

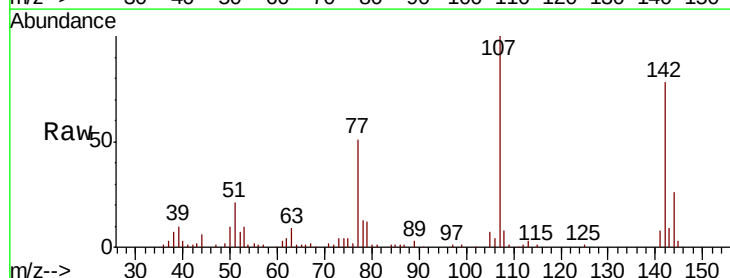
Tgt Ion:107 Resp: 76112

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

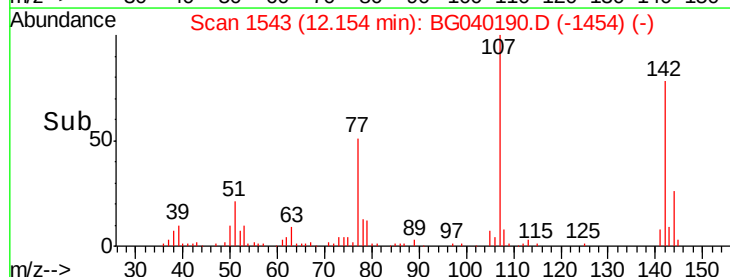
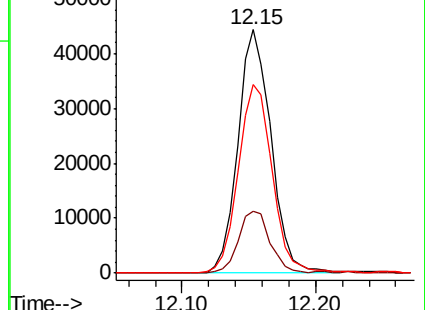
142 77.6 63.1 94.7

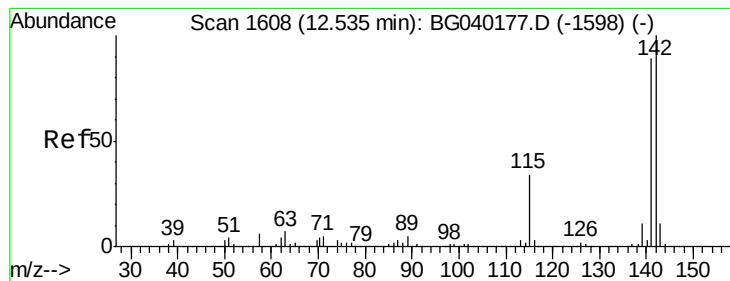


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 17.753 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

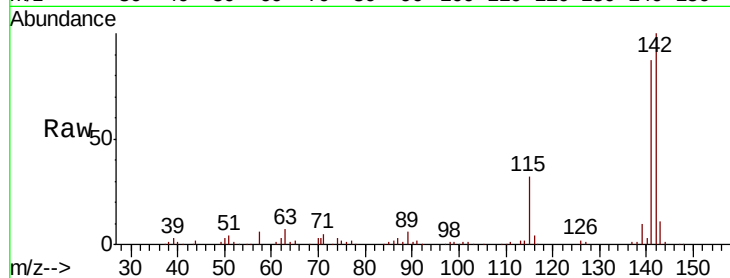
Tgt Ion:142 Resp: 165103

Ion Ratio Lower Upper

142 100

141 87.1 71.0 106.6

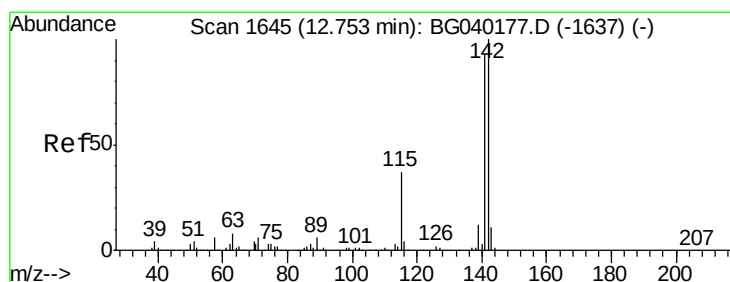
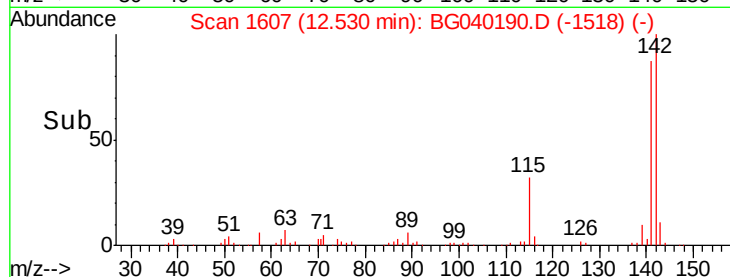
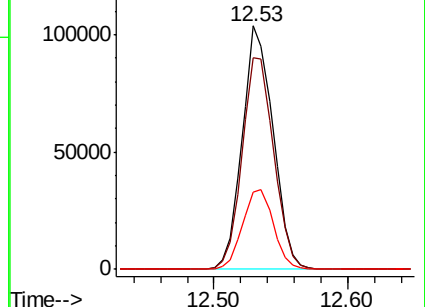
115 32.0 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 17.940 ng

RT: 12.75 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

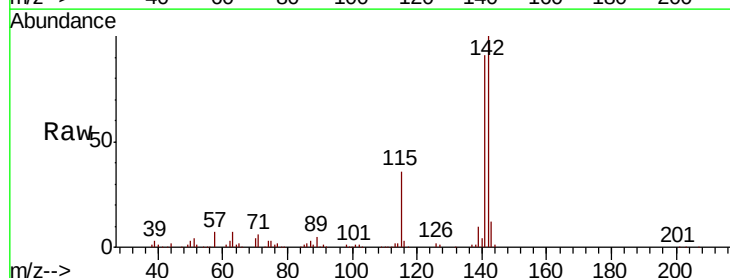
Tgt Ion:142 Resp: 161794

Ion Ratio Lower Upper

142 100

141 91.3 74.2 111.4

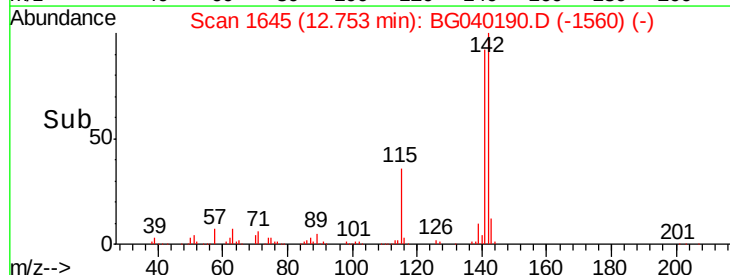
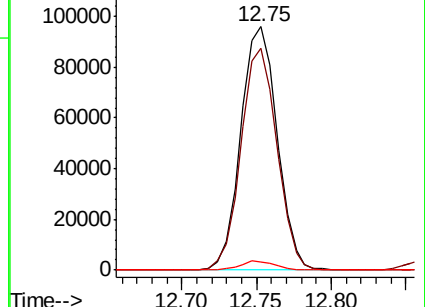
116 3.4 3.0 4.4

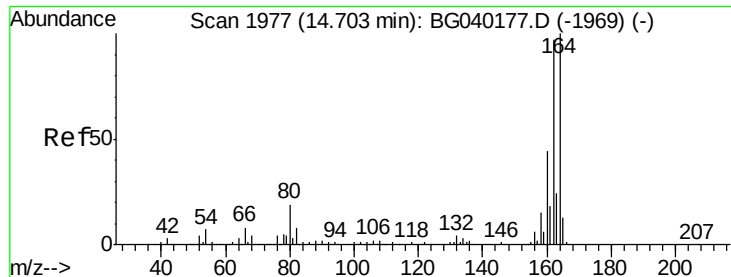


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

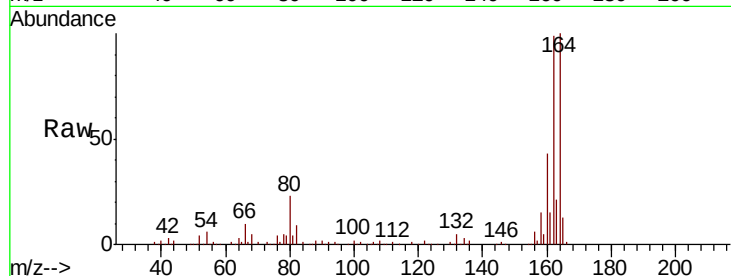
Tgt Ion:164 Resp: 150486

Ion Ratio Lower Upper

164 100

162 98.9 77.4 116.2

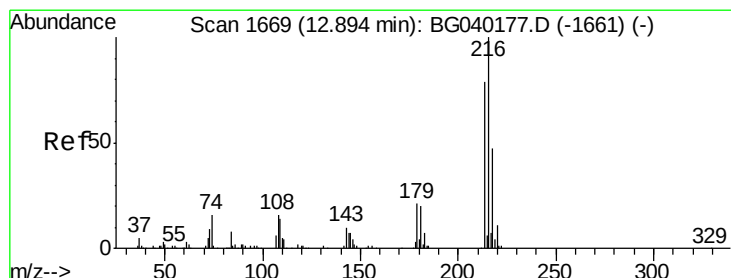
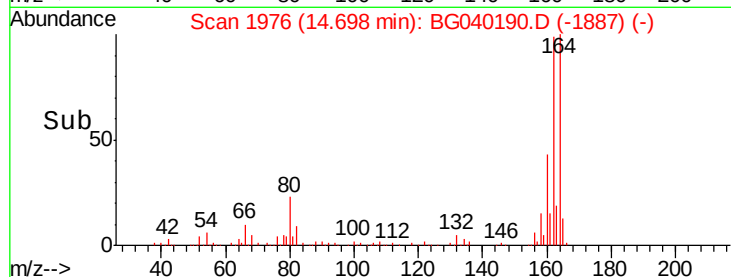
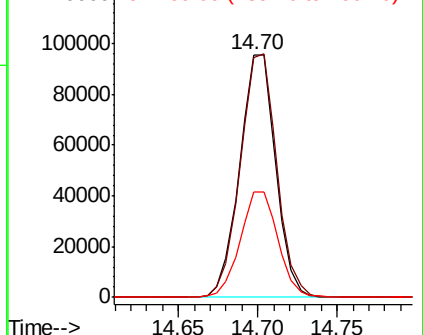
160 43.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 17.906 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Tgt Ion:216 Resp: 85642

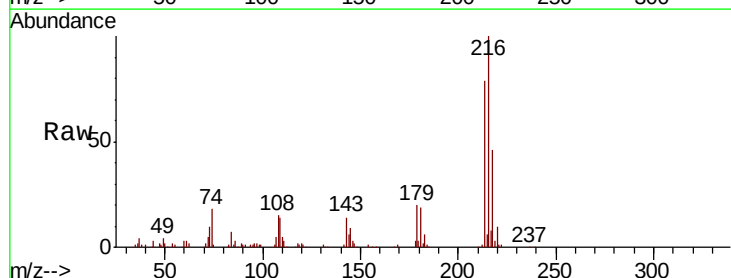
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.2 16.6 25.0

108 17.4 13.8 20.8

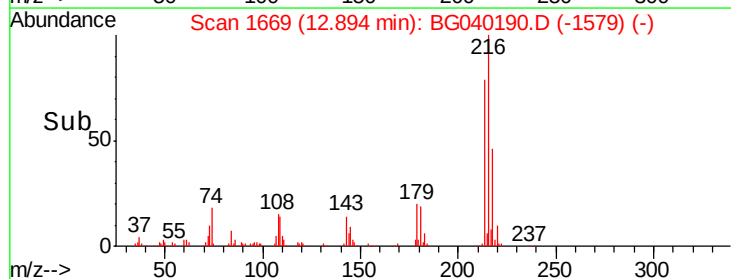
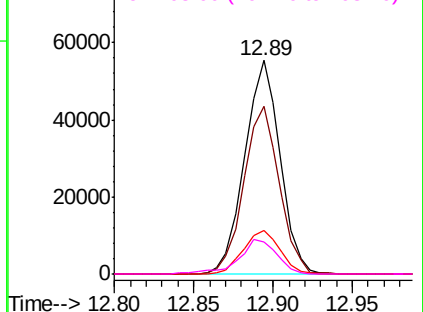


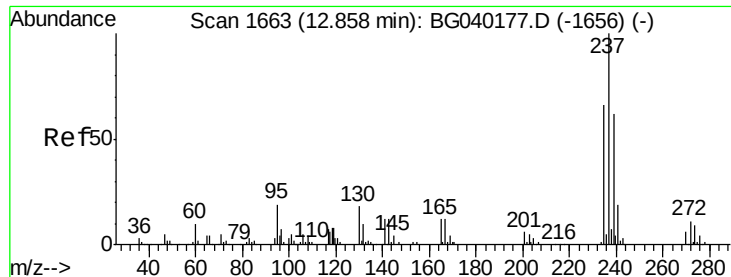
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 15.384 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

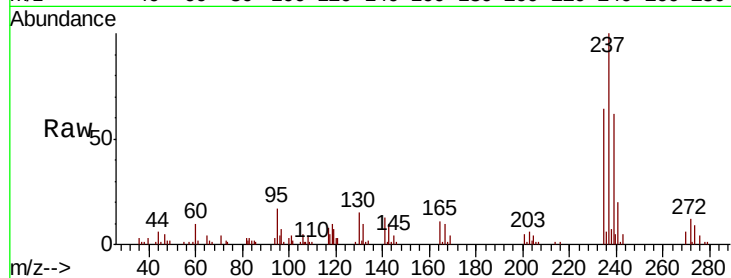
Tgt Ion:237 Resp: 40402

Ion Ratio Lower Upper

237 100

235 63.7 46.2 86.2

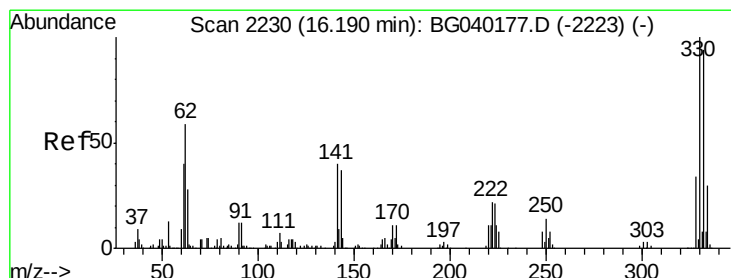
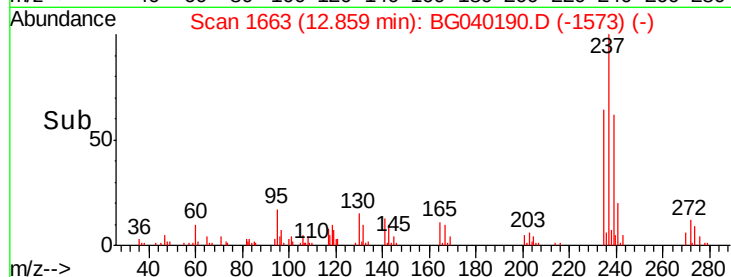
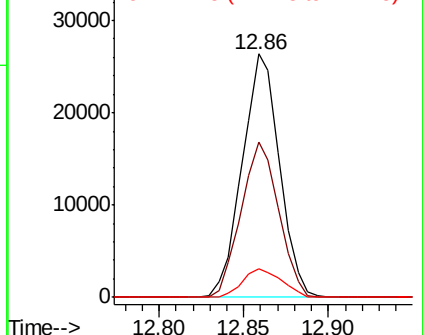
272 11.6 0.0 30.5



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: 114.305 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

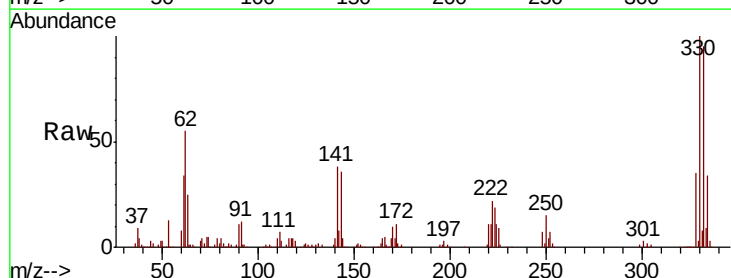
Tgt Ion:330 Resp: 185902

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

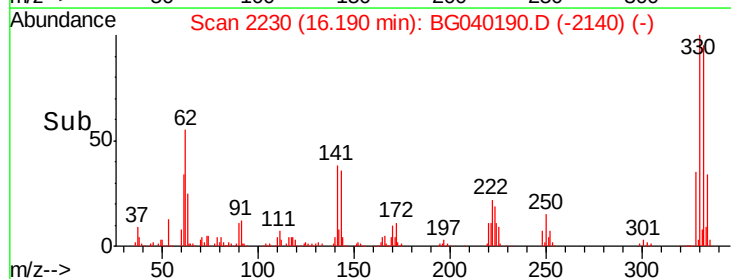
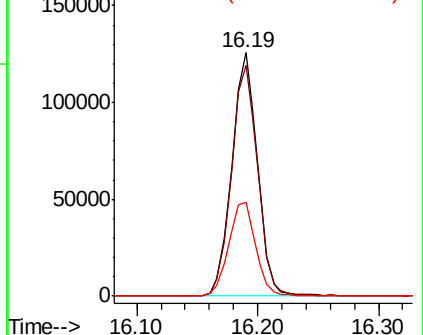
141 40.5 32.6 48.8

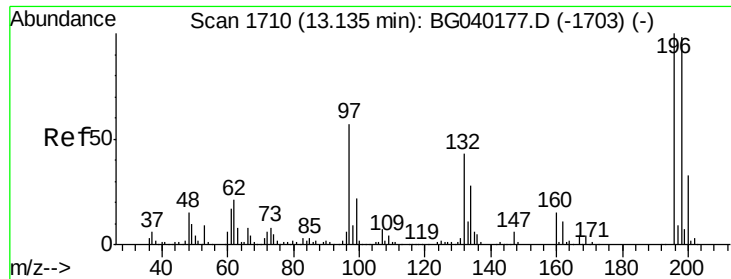


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

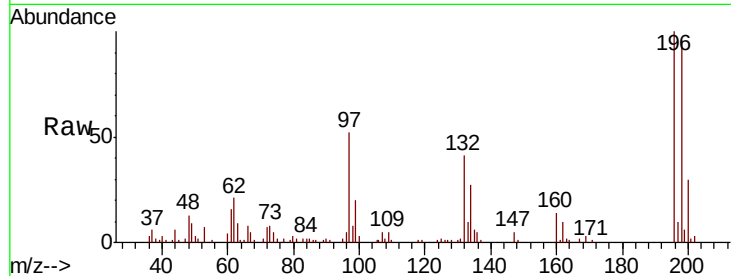




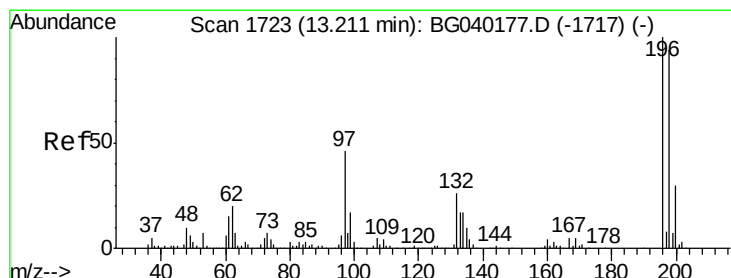
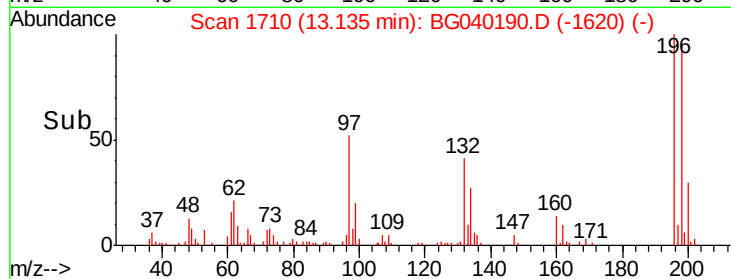
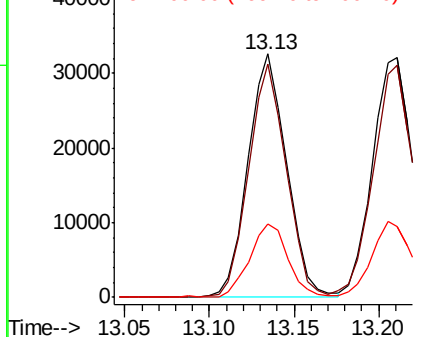
#43
 2,4,6-Trichlorophenol
 Concen: 16.838 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:196 Resp: 51923
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.3 117.5
 200 30.1 26.0 39.0

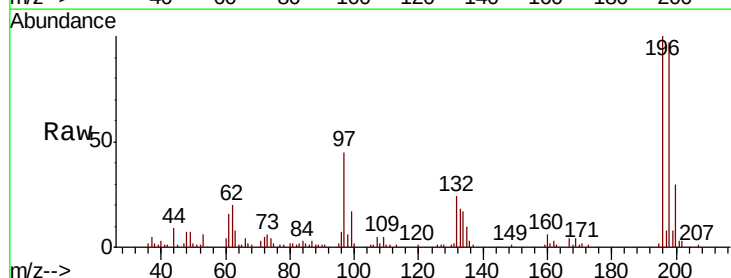


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

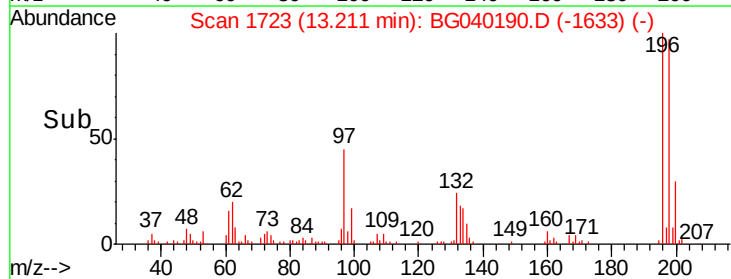
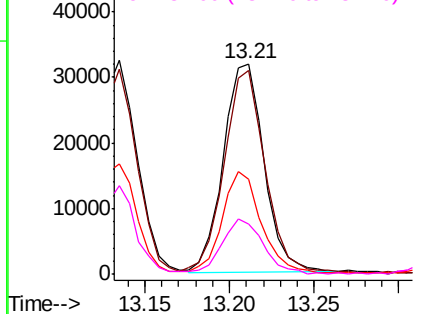


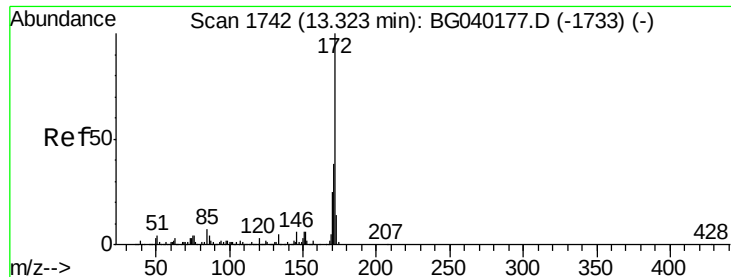
#44
 2,4,5-Trichlorophenol
 Concen: 15.853 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion:196 Resp: 53285
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.0 112.6
 97 45.2 37.3 55.9
 132 24.0 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

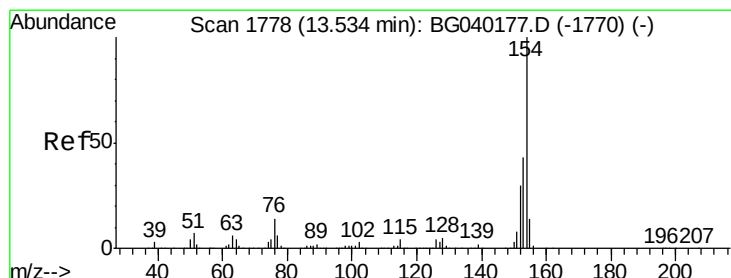
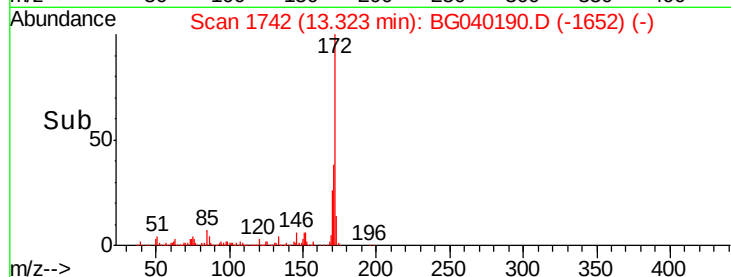
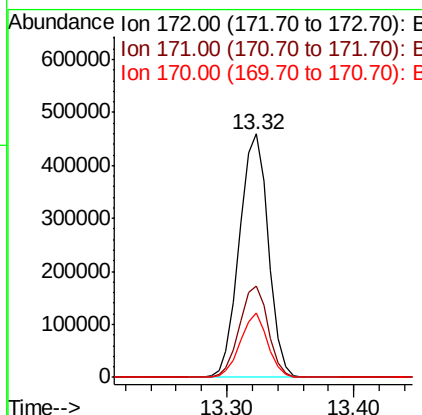
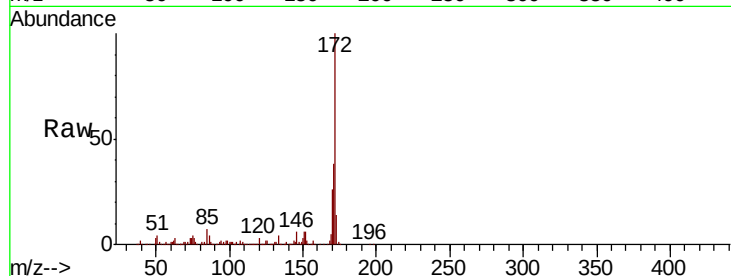




#45
2-Fluorobiphenyl
Concen: 71.244 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

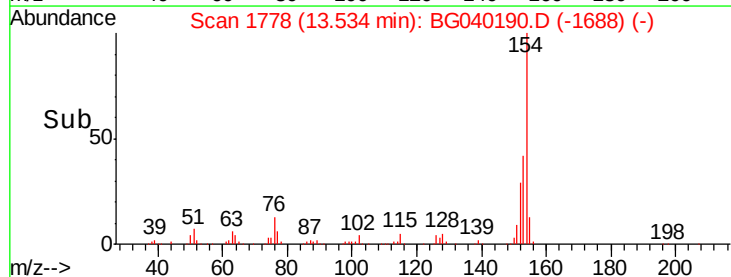
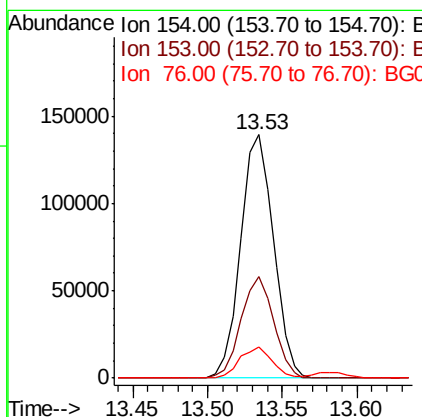
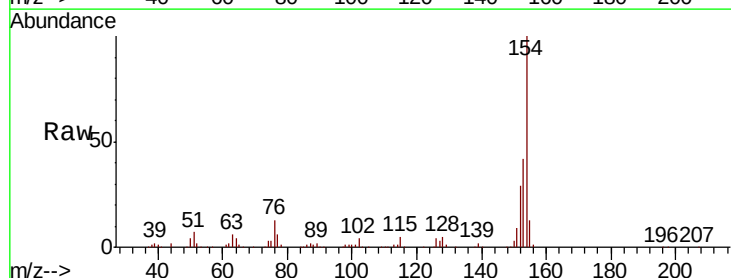
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

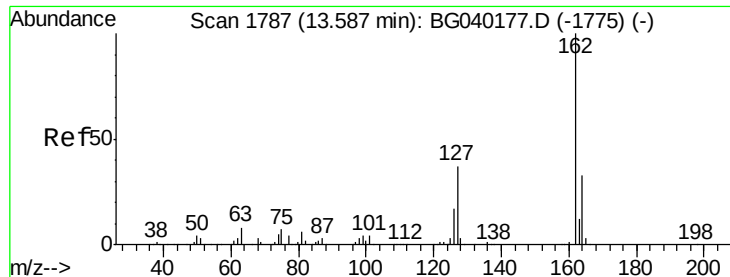
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	26.2	20.1	30.1



#46
1,1'-Biphenyl
Concen: 17.935 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.5	62.5
76	12.9	0.0	33.7

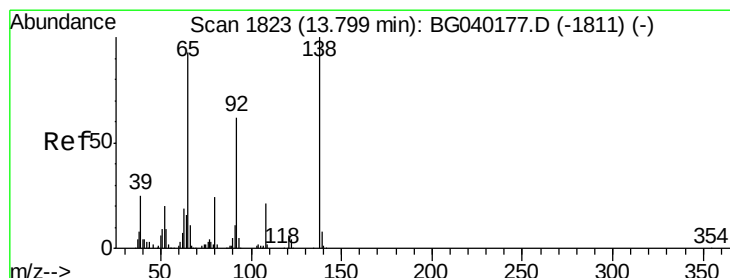
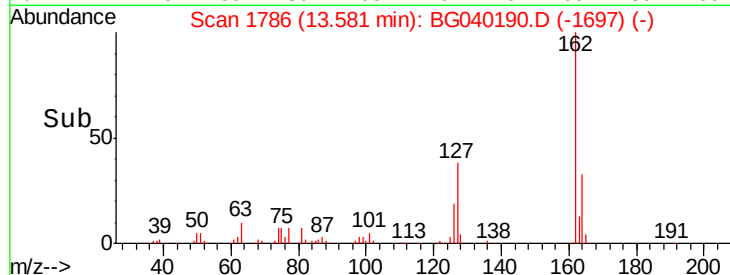
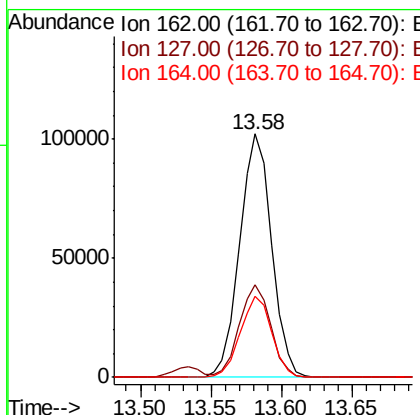
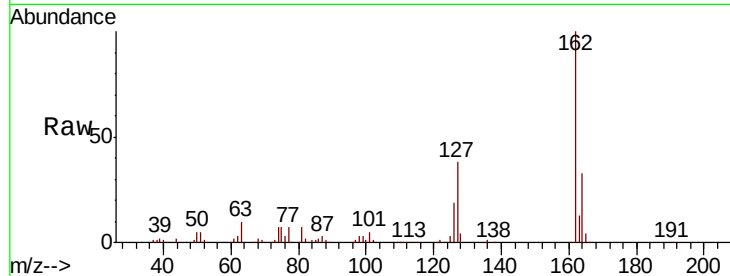




#47
2-Chloronaphthalene
Concen: 17.695 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

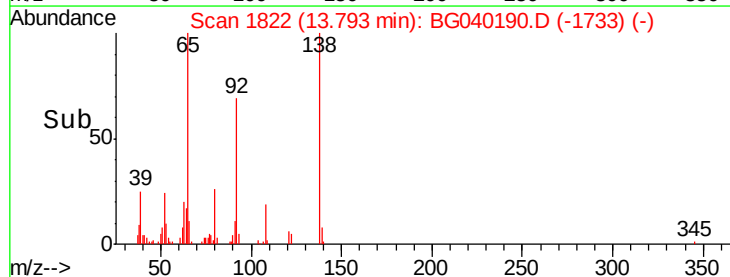
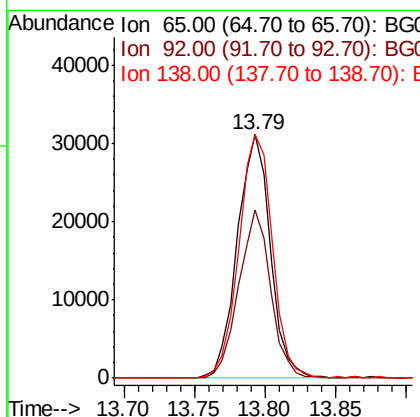
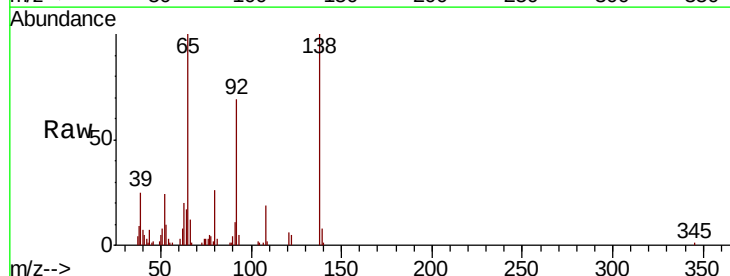
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

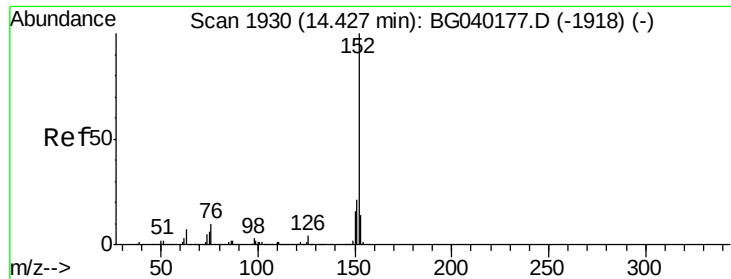
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.6	45.8
164	33.1	26.2	39.4



#48
2-Nitroaniline
Concen: 16.505 ng
RT: 13.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.8	80.6
138	100.1	86.3	129.5





#49

Acenaphthylene

Concen: 18.116 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

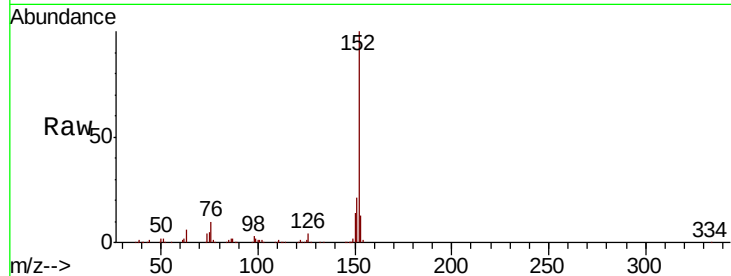
Tgt Ion:152 Resp: 280140

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.6

153 13.2 10.8 16.2

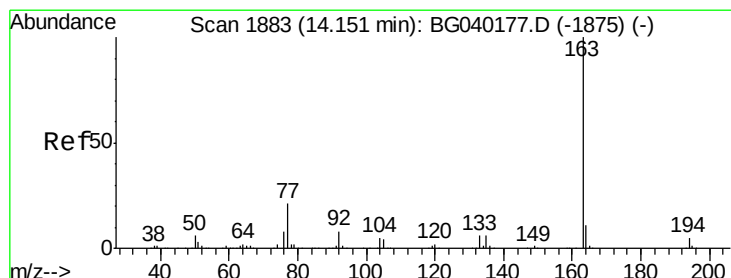
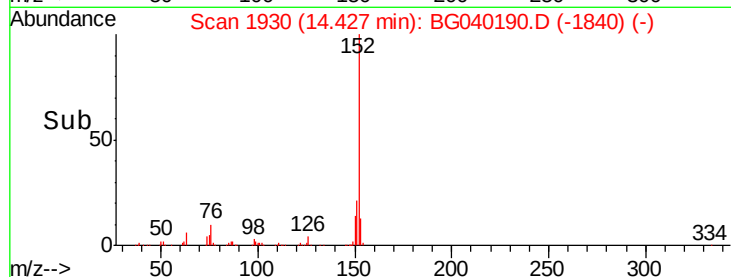
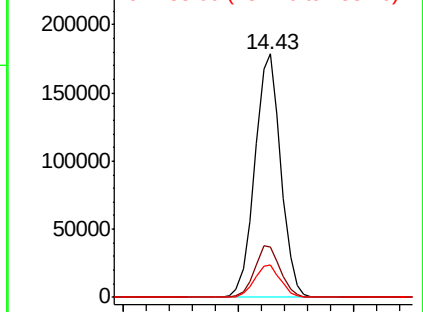


Abundance

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: 17.916 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

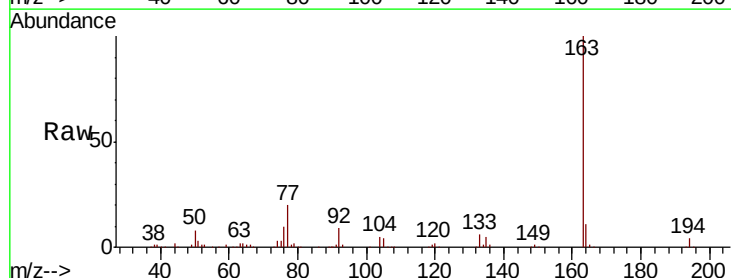
Tgt Ion:163 Resp: 211004

Ion Ratio Lower Upper

163 100

194 4.3 4.1 6.1

164 10.6 8.6 13.0

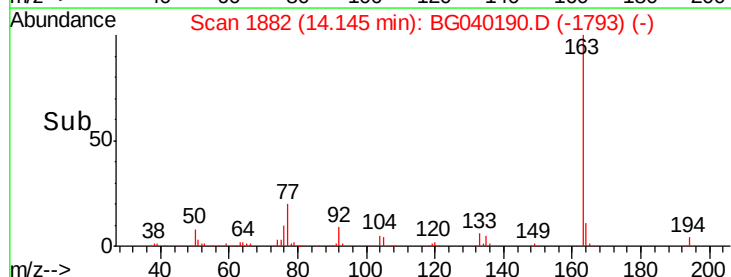
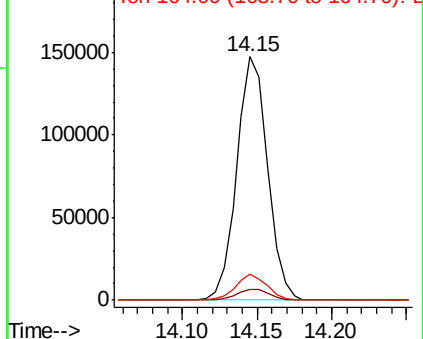


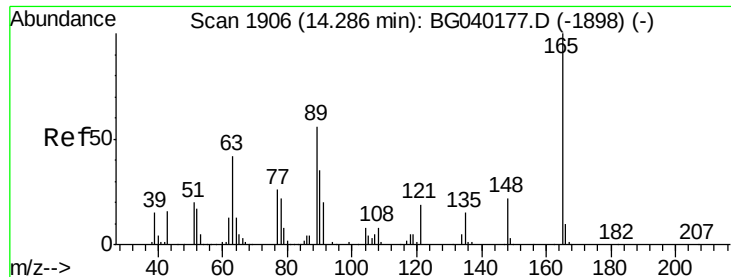
Abundance

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

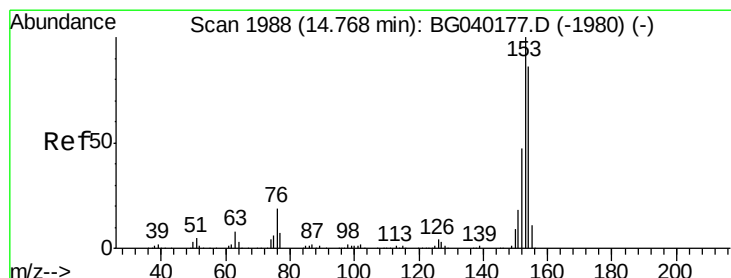
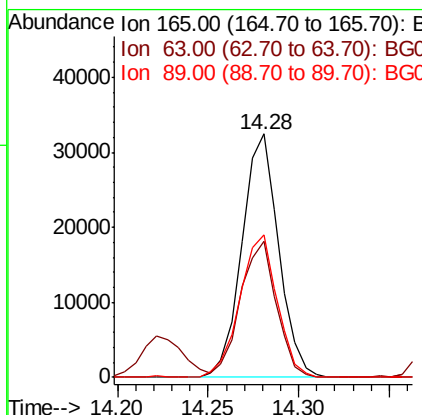
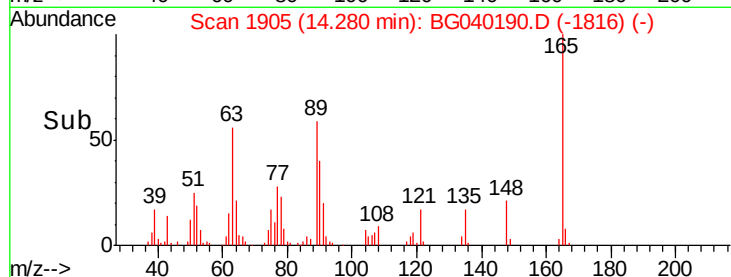
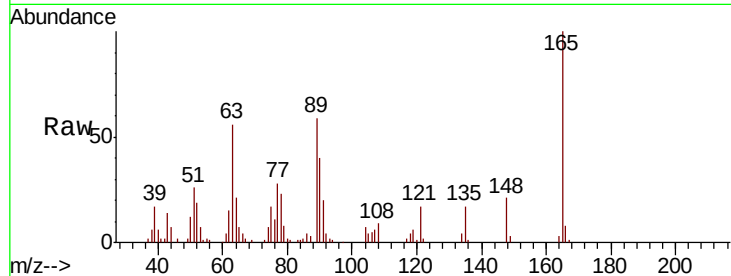




#51
2,6-Dinitrotoluene
Concen: 17.347 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

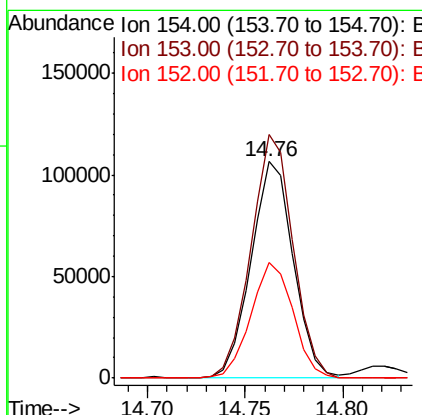
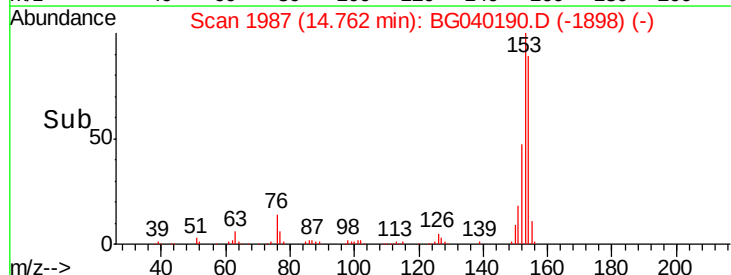
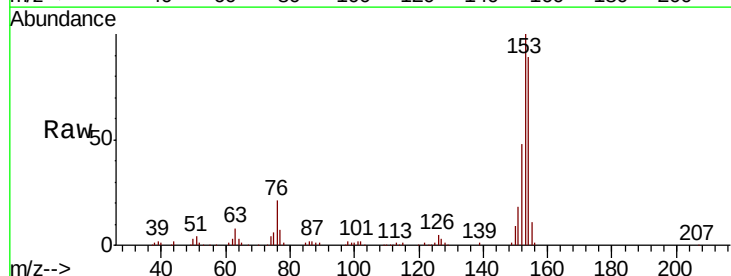
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

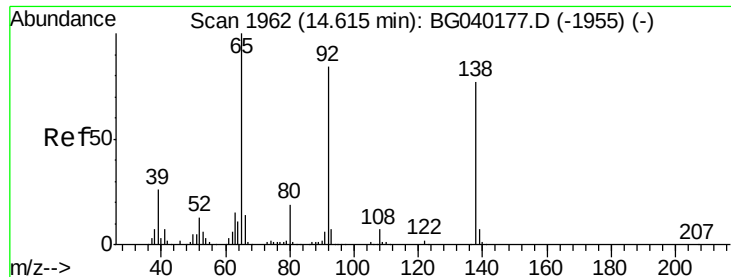
Tgt Ion:165 Resp: 45874
Ion Ratio Lower Upper
165 100
63 55.9 44.1 66.1
89 58.6 44.9 67.3



#52
Acenaphthene
Concen: 18.036 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion:154 Resp: 159813
Ion Ratio Lower Upper
154 100
153 112.6 92.8 139.2
152 53.6 43.4 65.2

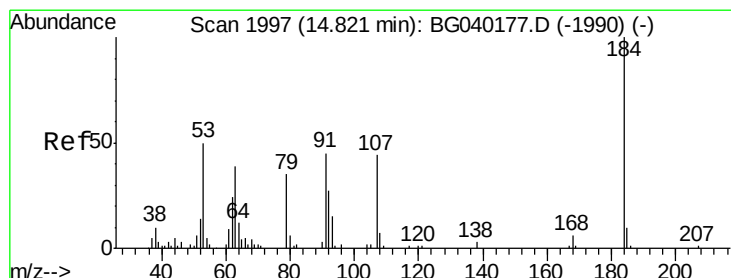
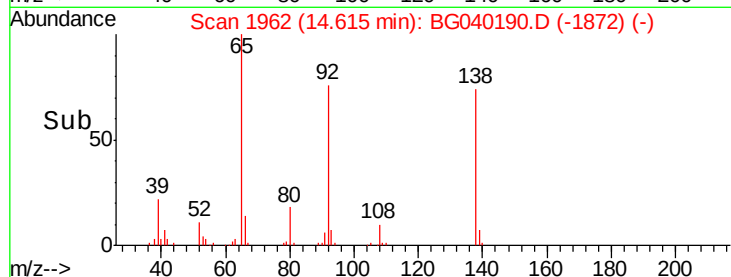
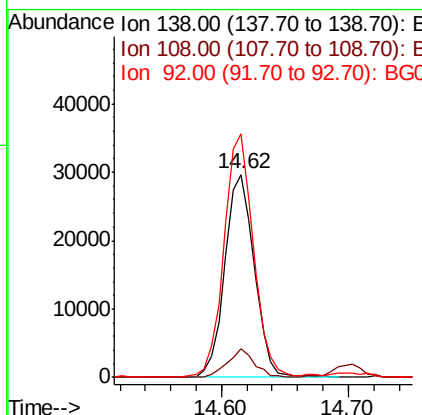
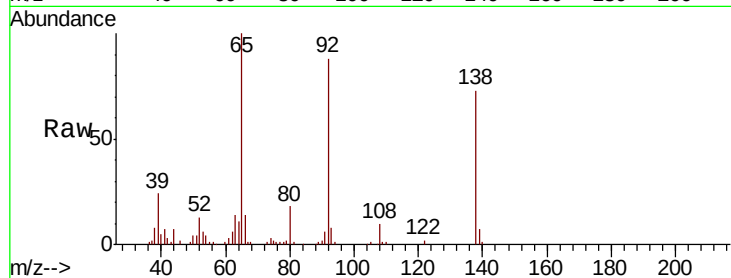




#53
3-Nitroaniline
Concen: 17.014 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

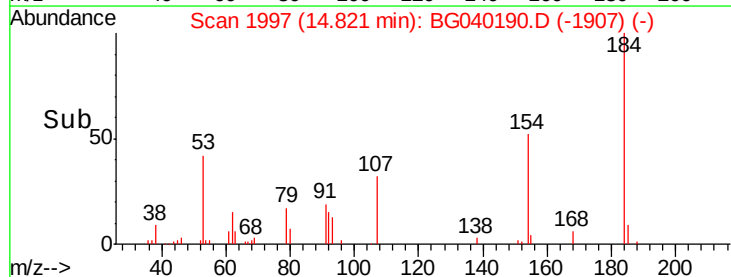
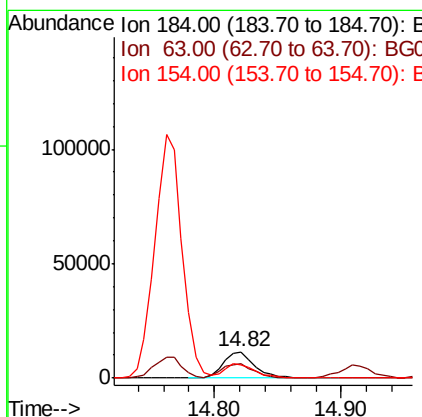
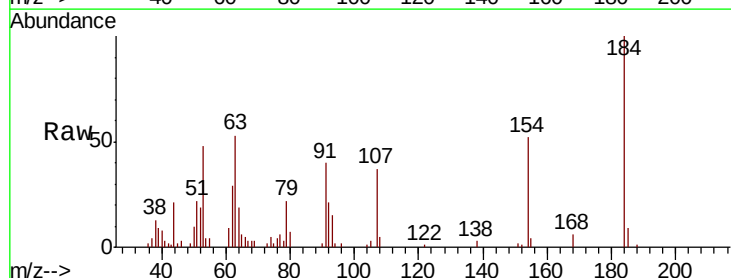
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

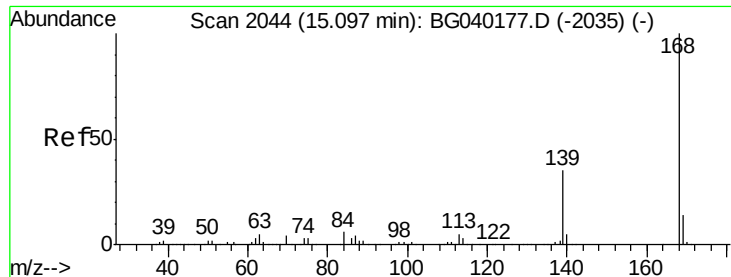
Tgt Ion:138 Resp: 47626
Ion Ratio Lower Upper
138 100
108 14.0 7.8 11.8#
92 119.9 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 14.111 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion:184 Resp: 19846
Ion Ratio Lower Upper
184 100
63 53.5 51.8 77.8
154 51.8 50.9 76.3

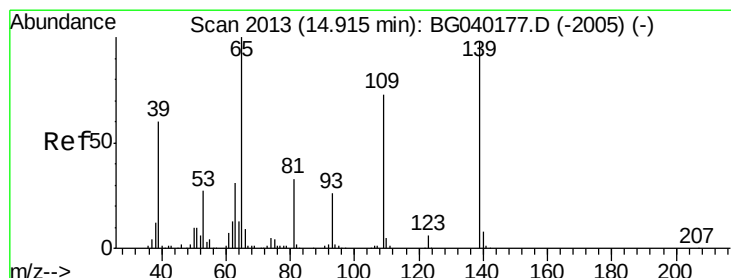
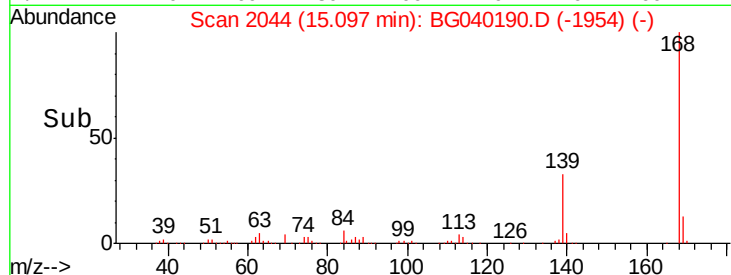
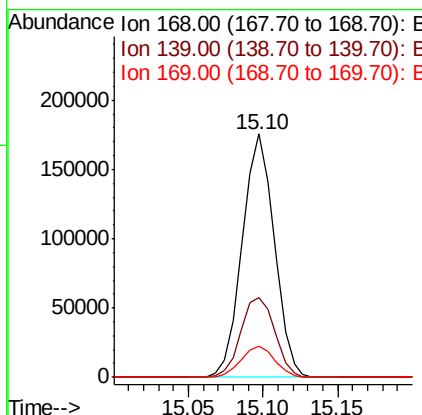
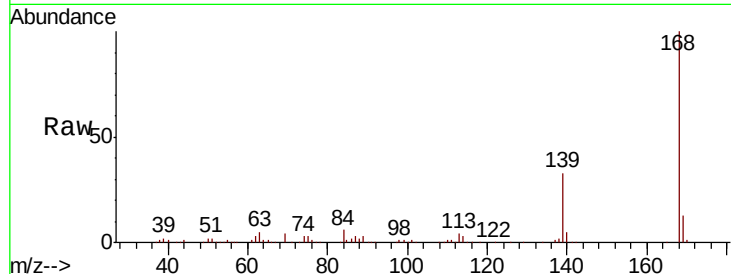




#55
Dibenzenofuran
Concen: 18.332 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

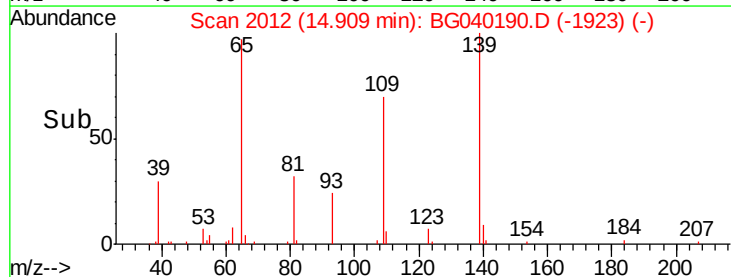
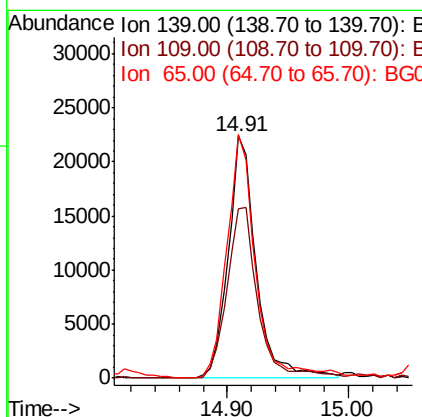
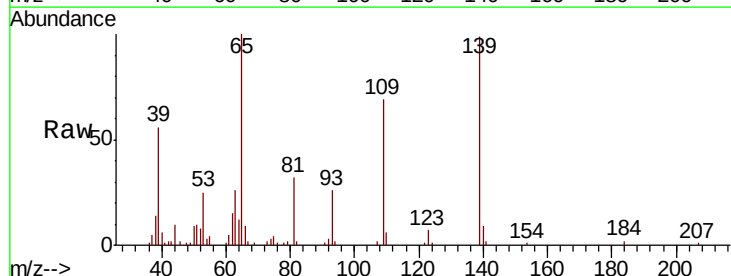
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

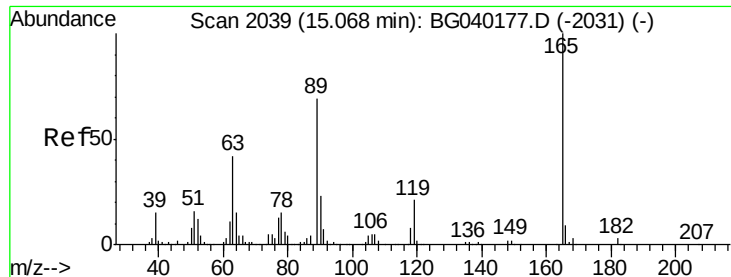
Tgt Ion:168 Resp: 261020
Ion Ratio Lower Upper
168 100
139 33.0 27.9 41.9
169 13.0 11.3 16.9



#56
4-Nitrophenol
Concen: 15.938 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion:139 Resp: 36007
Ion Ratio Lower Upper
139 100
109 69.9 54.3 94.3
65 100.7 82.5 122.5

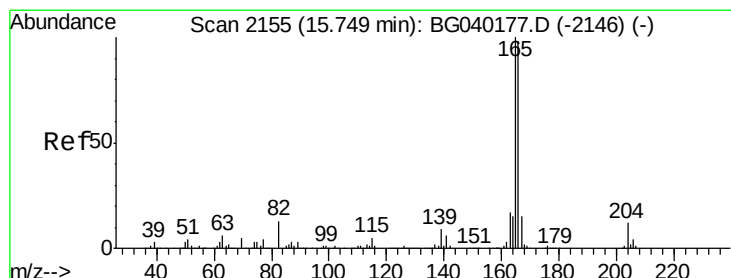
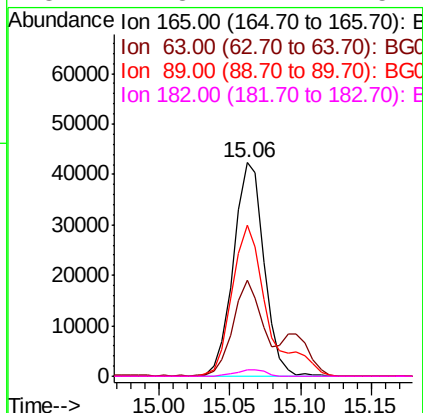
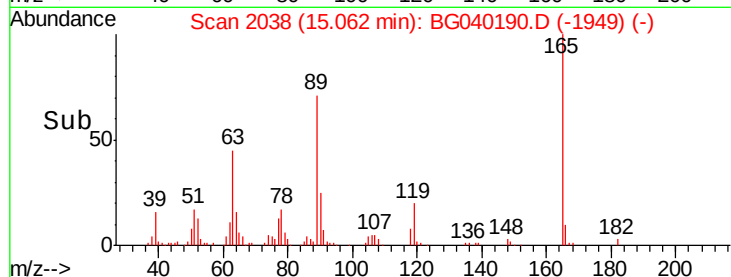
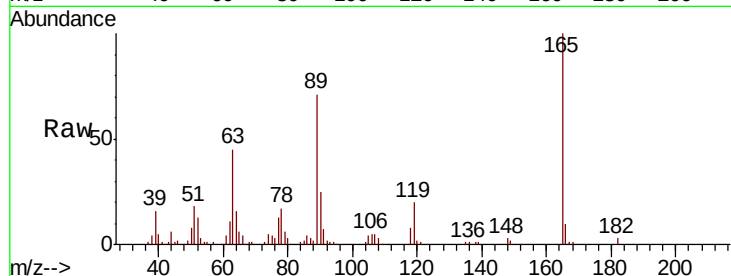




#57
2,4-Dinitrotoluene
Concen: 17.373 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

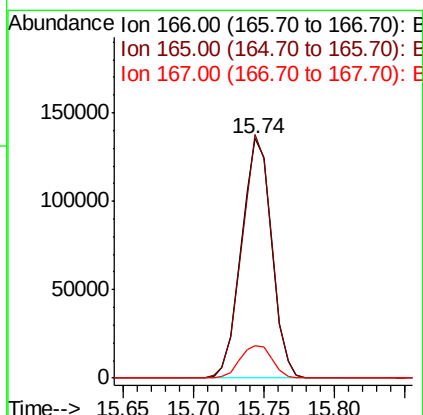
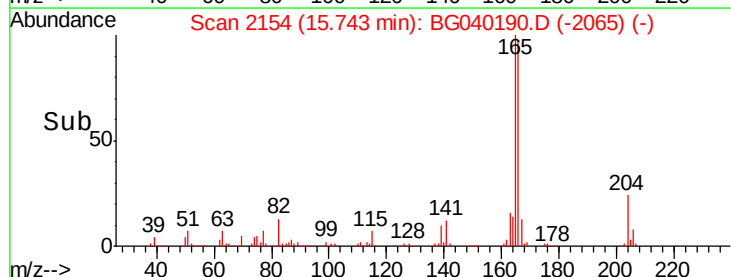
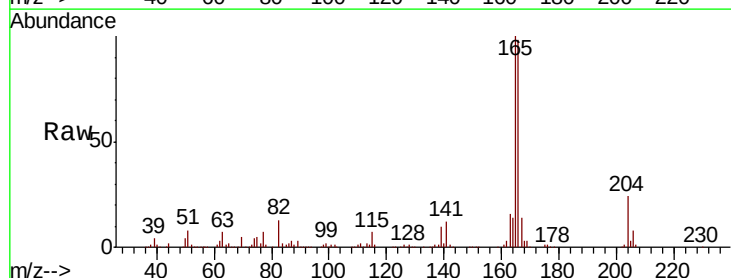
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

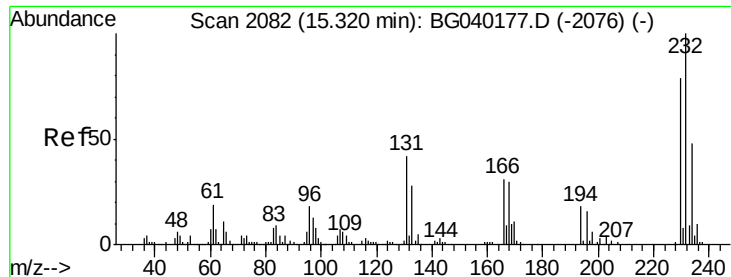
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.2	33.8	50.6
89	70.7	55.4	83.2
182	2.8	2.2	3.4



#58
Fluorene
Concen: 18.220 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.7	122.5
167	13.8	11.9	17.9

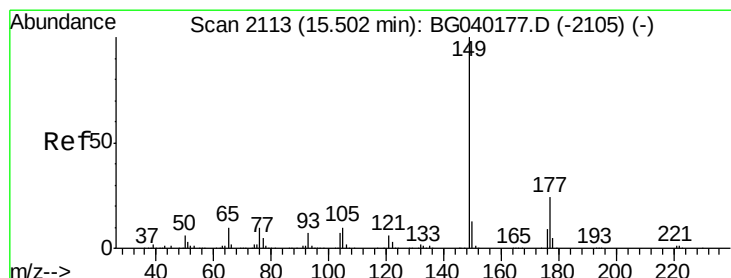
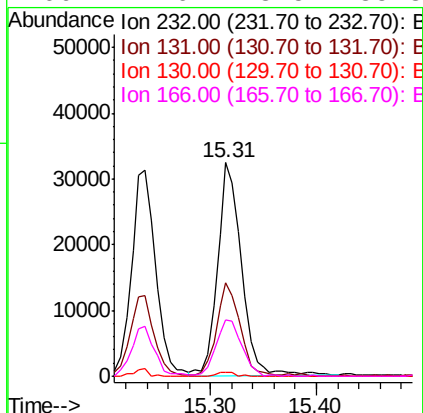
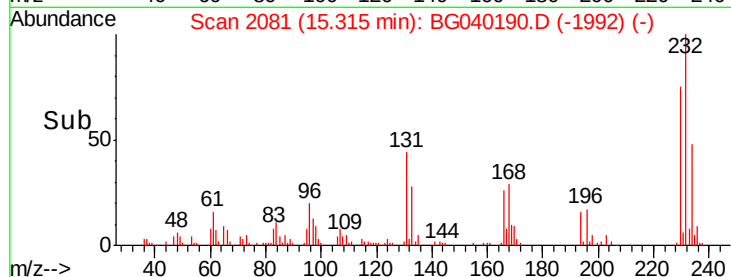
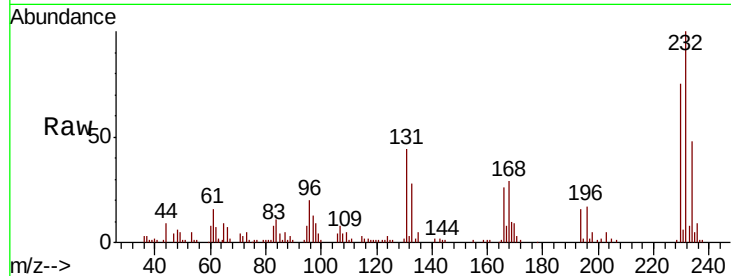




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 16.719 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

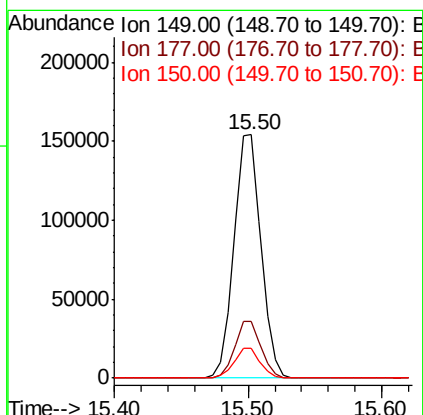
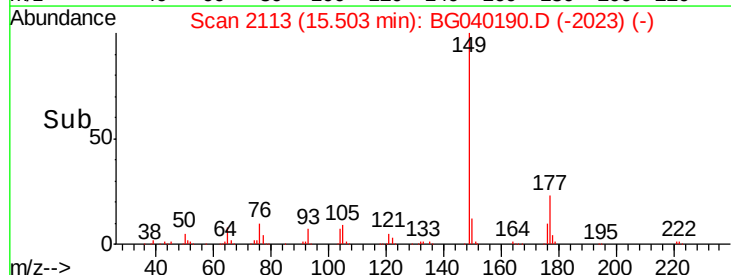
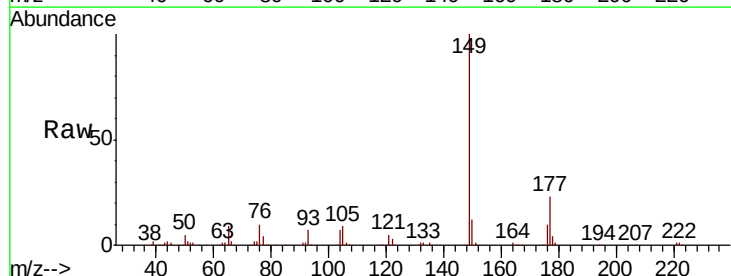
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

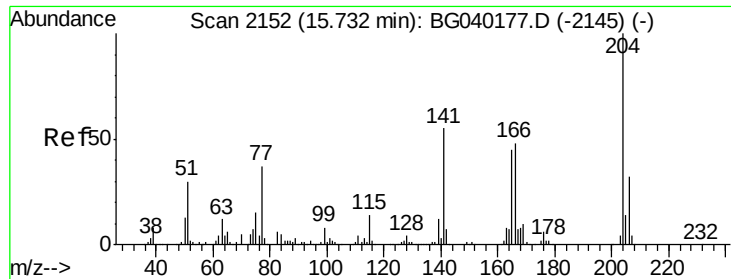
Tgt Ion:	232	Resp:	50994
Ion	Ratio	Lower	Upper
232	100		
131	41.8	32.9	49.3
130	1.6	1.8	2.8#
166	27.6	23.5	35.3



#60
 Diethylphthalate
 Concen: 17.989 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion:	149	Resp:	216807
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.1	28.7
150	12.1	10.6	15.8

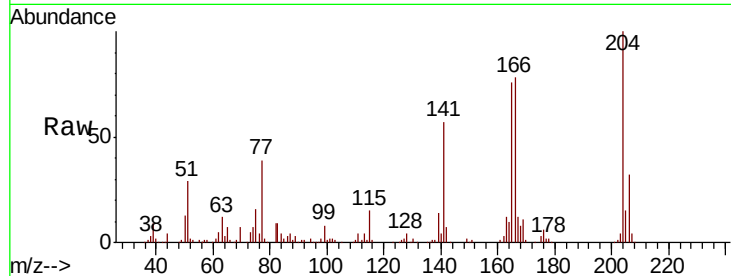




#61
 4-Chlorophenyl-phenylether
 Concen: 17.842 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.7	38.5
141	56.5	44.0	66.0

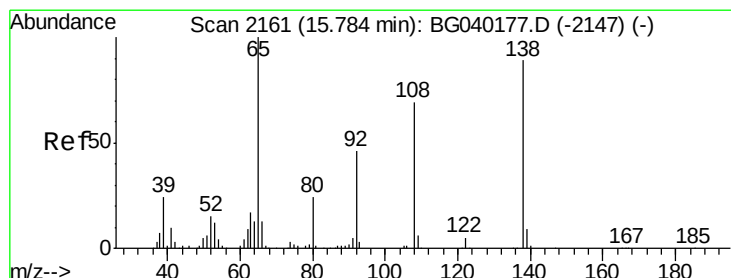
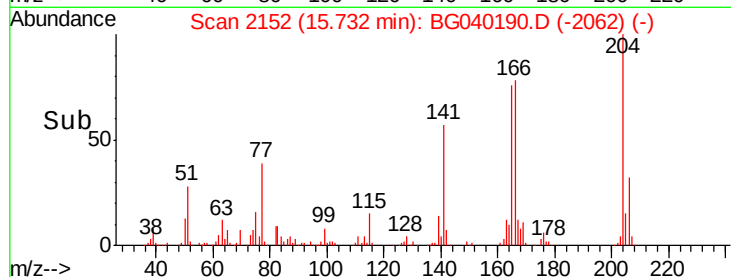
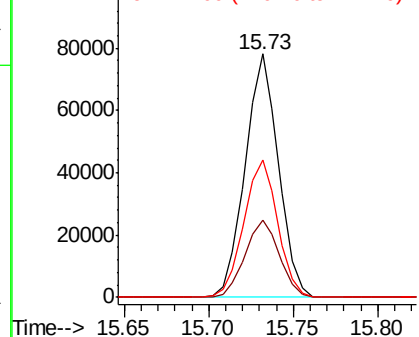


Abundance

Ion 204.00 (203.70 to 204.70): E

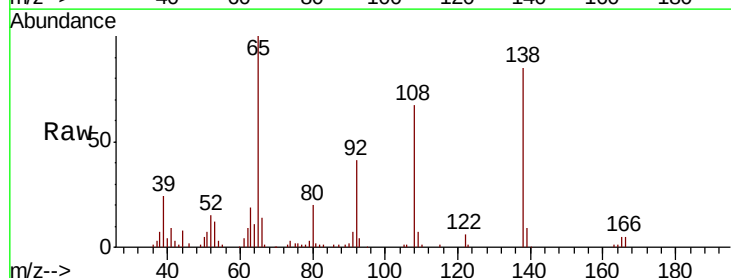
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 17.469 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.8	71.8
108	79.4	57.2	97.2

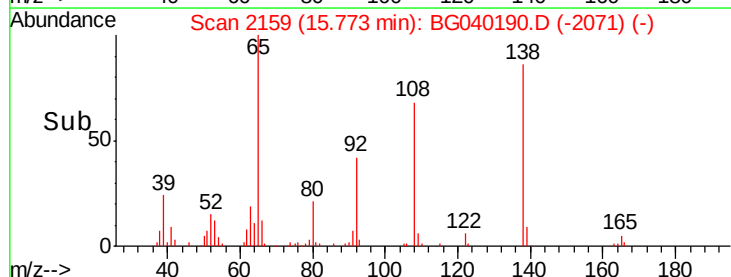
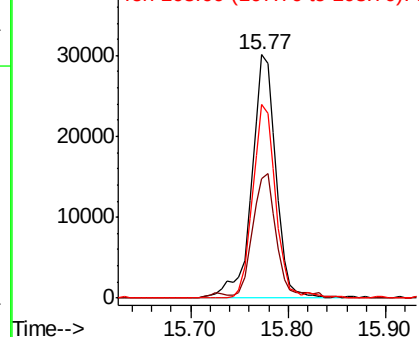


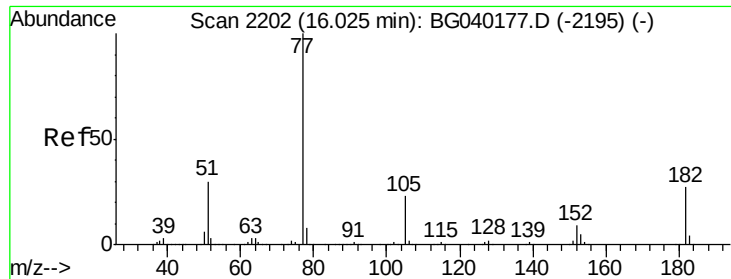
Abundance

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

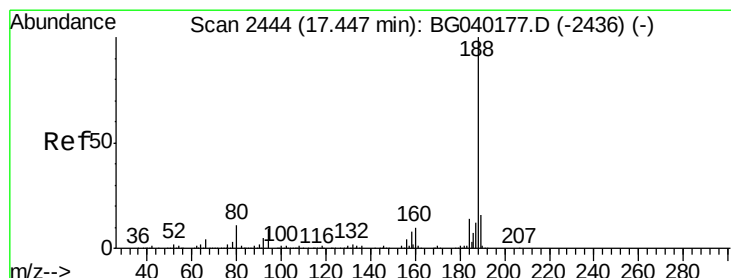
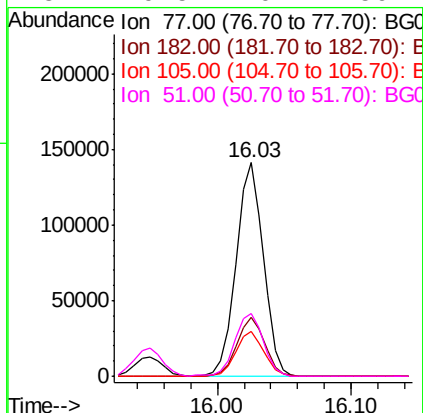
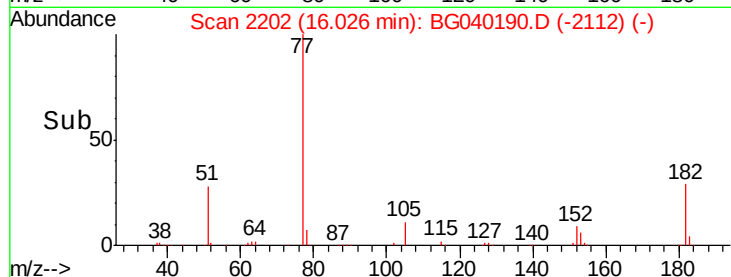
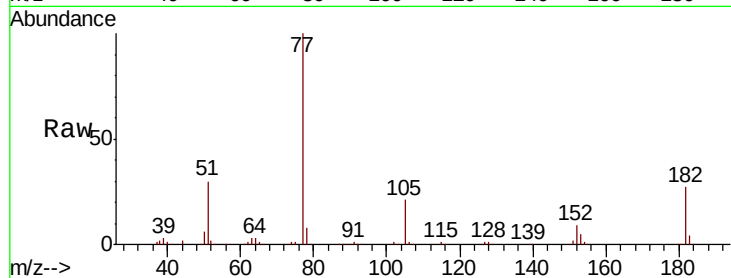




#63
Azobenzene
Concen: 17.609 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

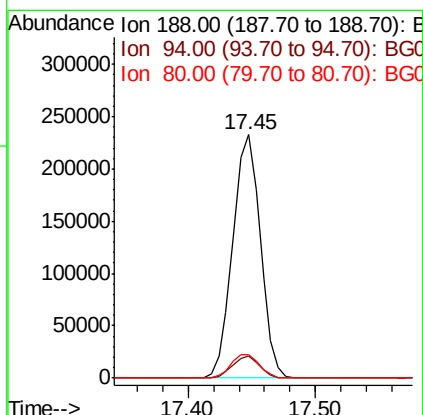
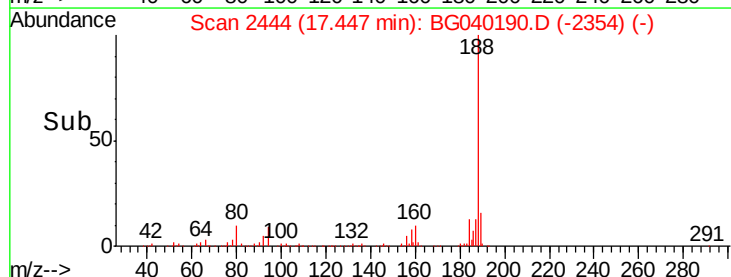
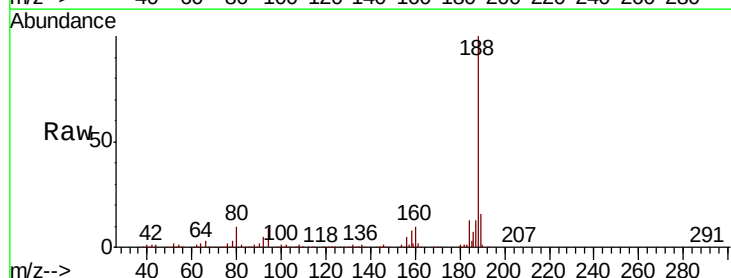
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

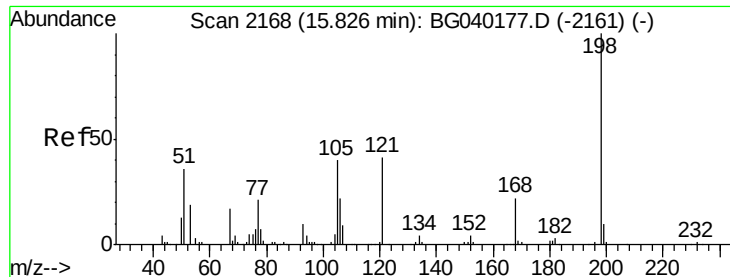
Tgt Ion: 77 Resp: 200186
Ion Ratio Lower Upper
77 100
182 27.5 7.2 47.2
105 20.8 2.8 42.8
51 29.5 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion: 188 Resp: 350069
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.9 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 15.003 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

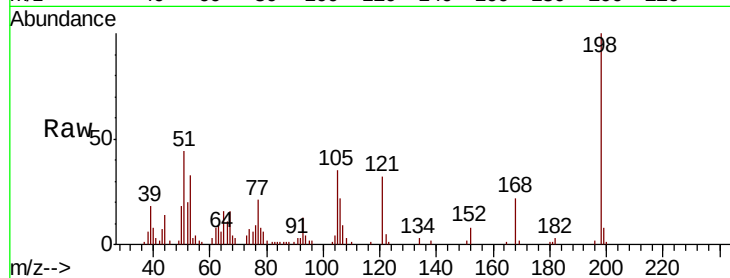
Tgt Ion:198 Resp: 29507

Ion Ratio Lower Upper

198 100

51 43.6 27.3 67.3

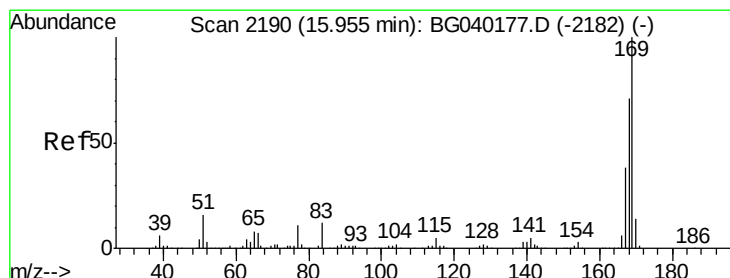
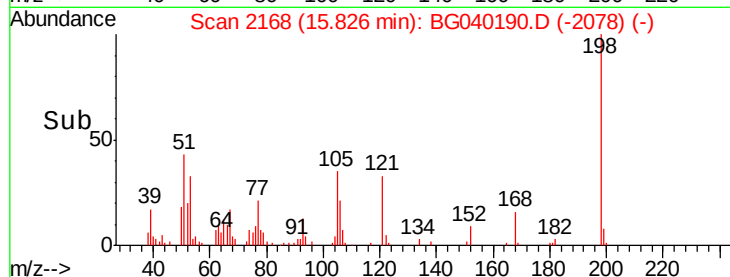
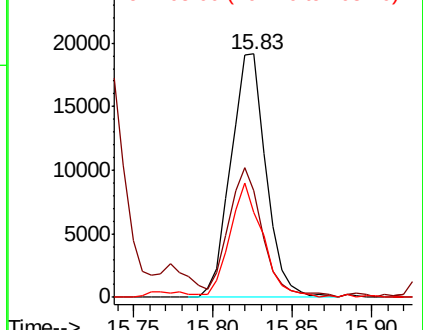
105 35.1 21.7 61.7



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: 17.711 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

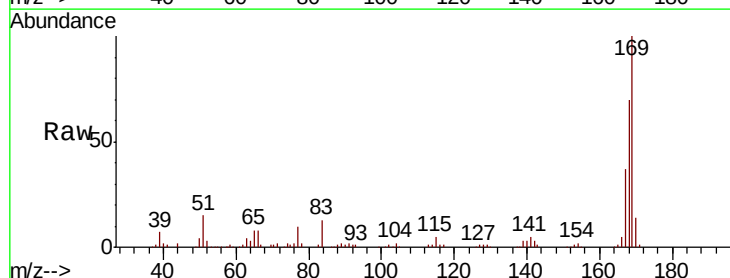
Tgt Ion:169 Resp: 181436

Ion Ratio Lower Upper

169 100

168 70.2 56.8 85.2

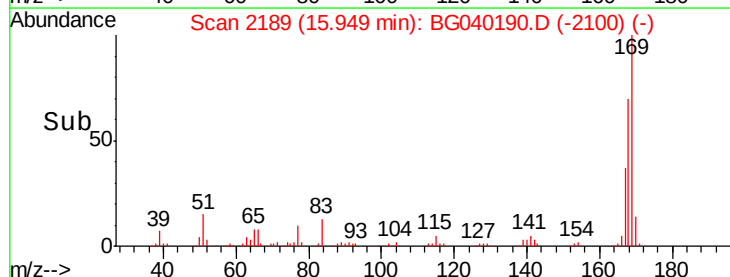
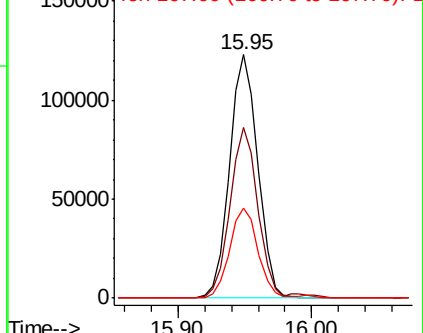
167 36.8 30.2 45.4

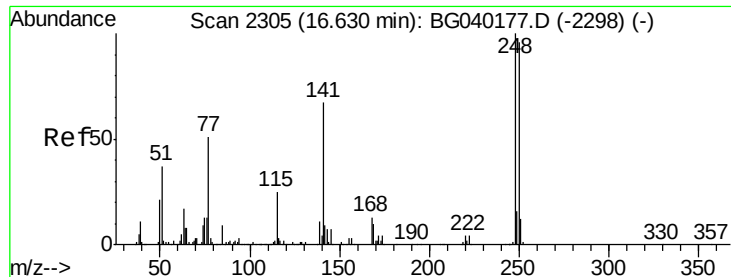


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

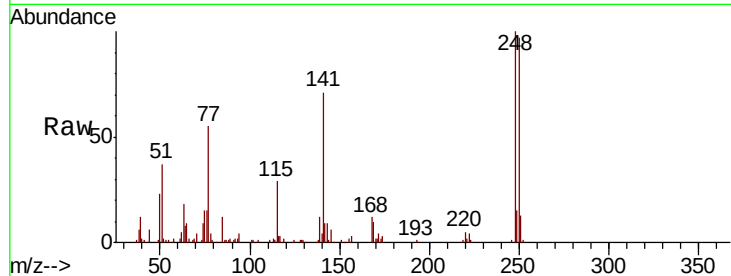




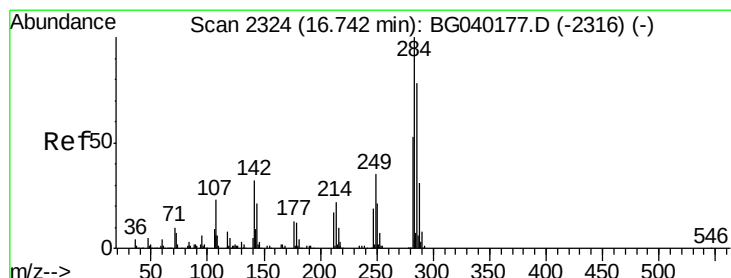
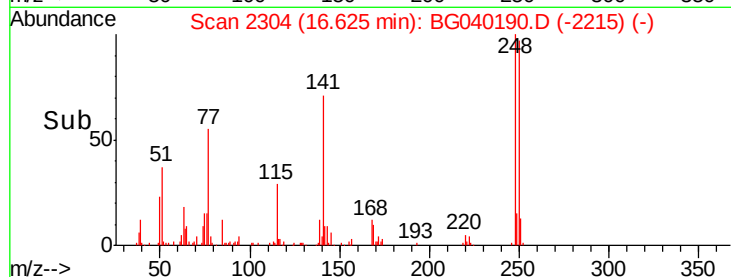
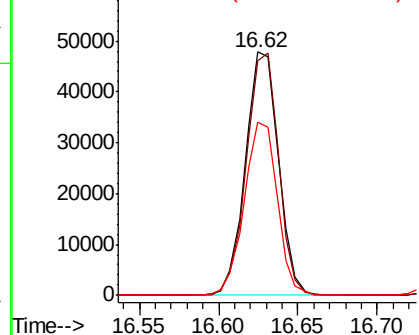
#67
4-Bromophenyl-phenylether
Concen: 17.580 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:248 Resp: 69256
Ion Ratio Lower Upper
248 100
250 96.6 76.4 114.6
141 70.9 53.8 80.8

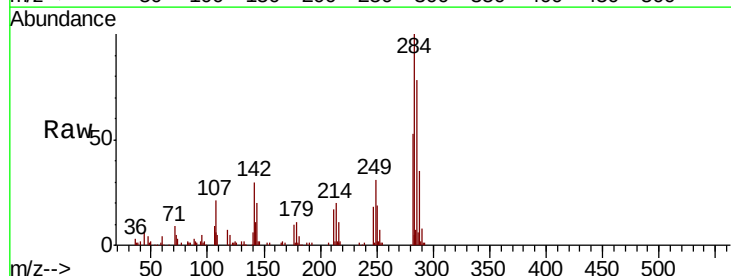


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

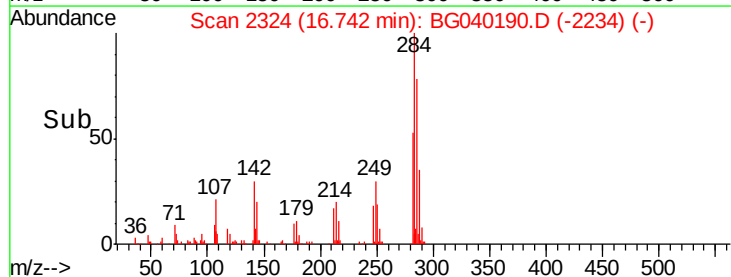
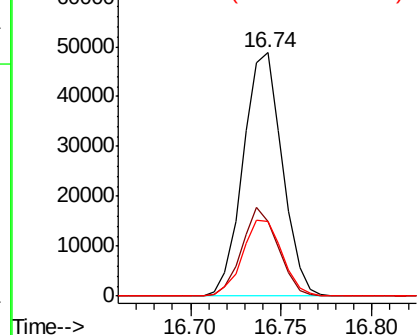


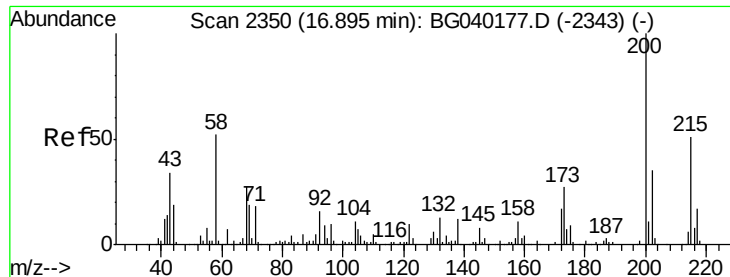
#68
Hexachlorobenzene
Concen: 18.422 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion:284 Resp: 72971
Ion Ratio Lower Upper
284 100
142 30.4 25.3 37.9
249 30.7 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

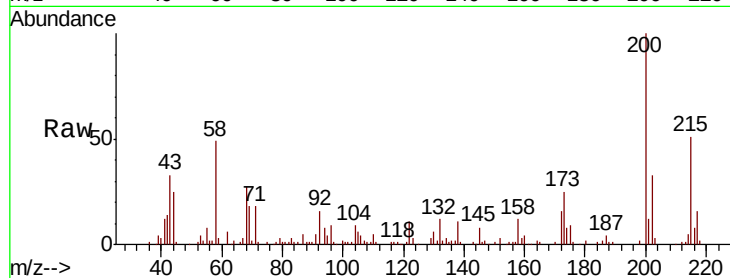




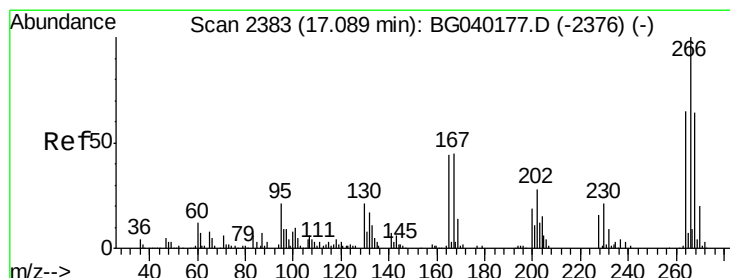
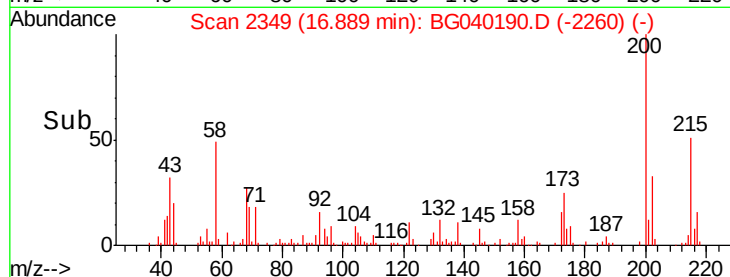
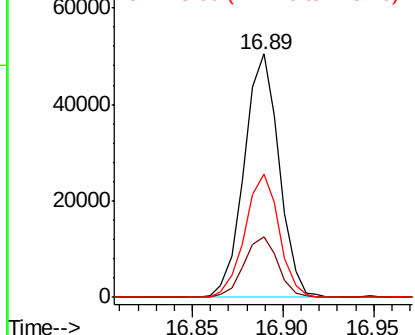
#69
 Atrazine
 Concen: 17.677 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.01 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:200 Resp: 67362
 Ion Ratio Lower Upper
 200 100
 173 25.1 7.1 47.1
 215 50.5 30.9 70.9

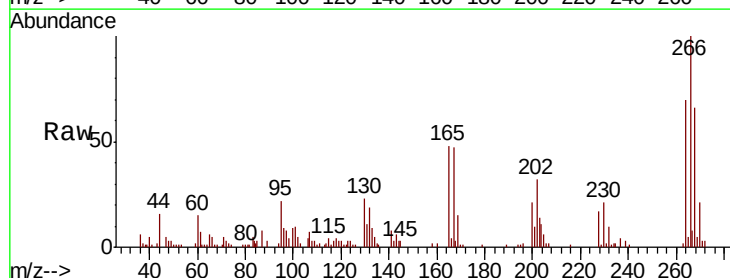


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

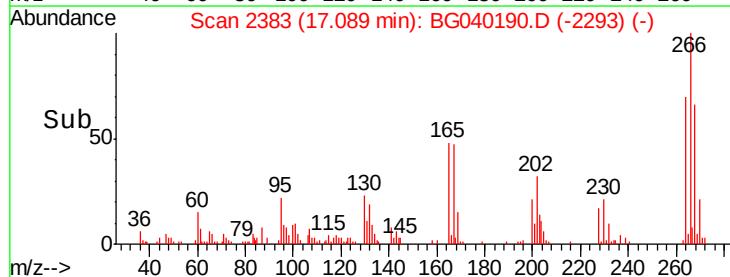
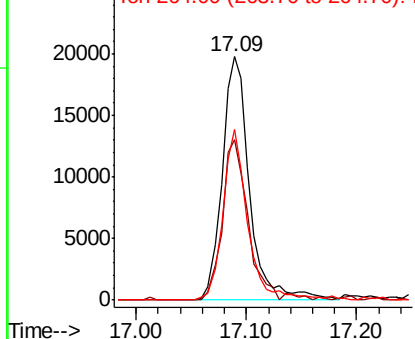


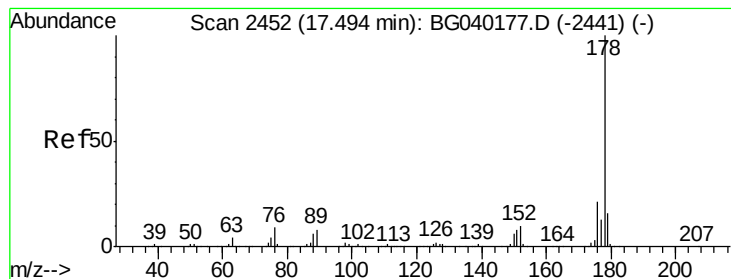
#70
 Pentachlorophenol
 Concen: 14.867 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion:266 Resp: 34045
 Ion Ratio Lower Upper
 266 100
 268 71.1 55.0 82.4
 264 70.0 51.8 77.8



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: 18.837 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

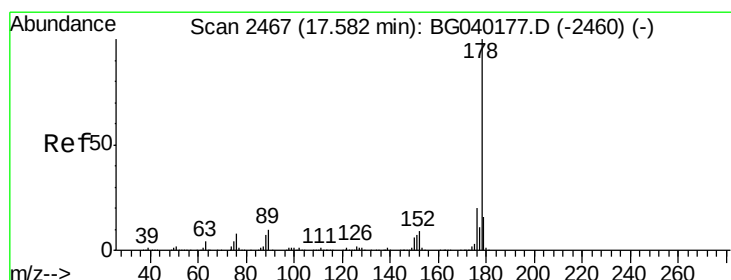
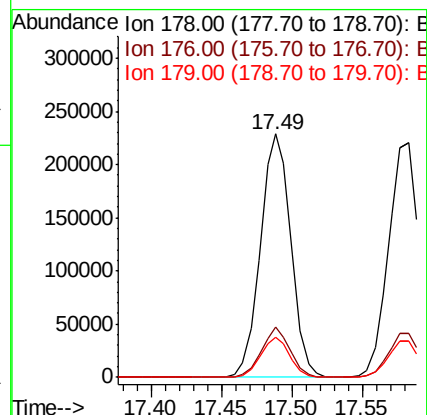
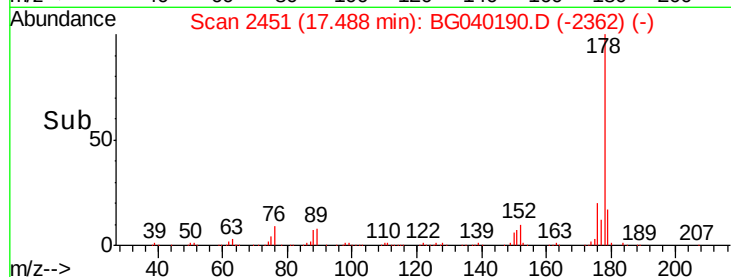
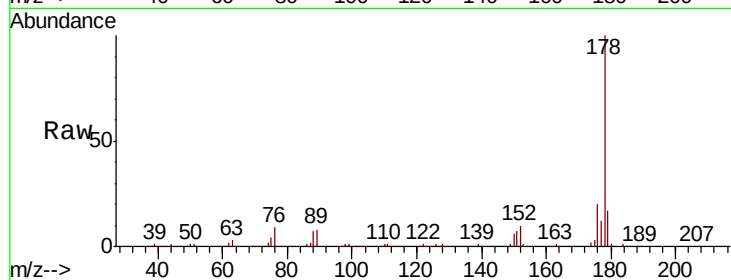
Tgt Ion:178 Resp: 346607

Ion Ratio Lower Upper

178 100

176 20.4 16.7 25.1

179 16.6 12.8 19.2



#72

Anthracene

Concen: 18.275 ng

RT: 17.58 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

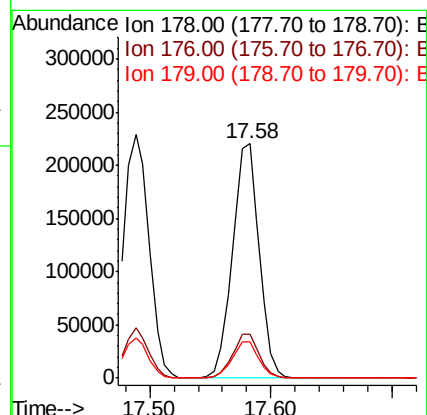
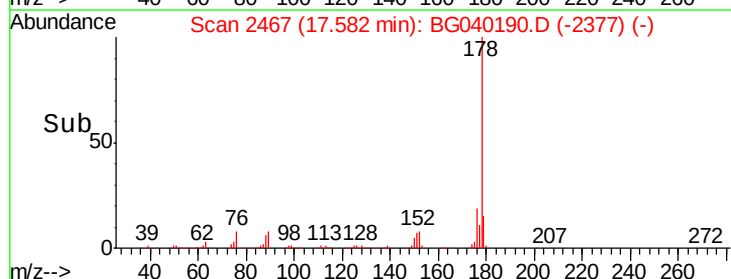
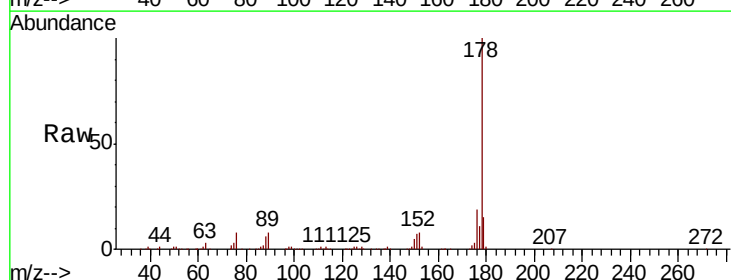
Tgt Ion:178 Resp: 336575

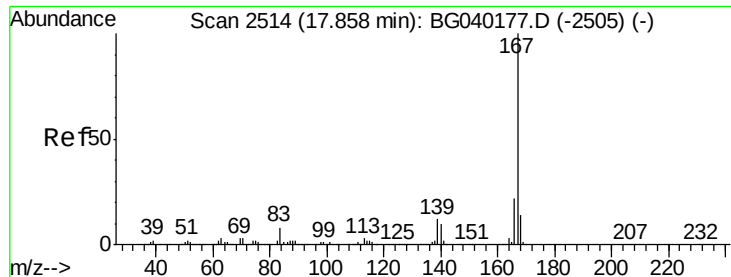
Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

179 15.3 12.9 19.3

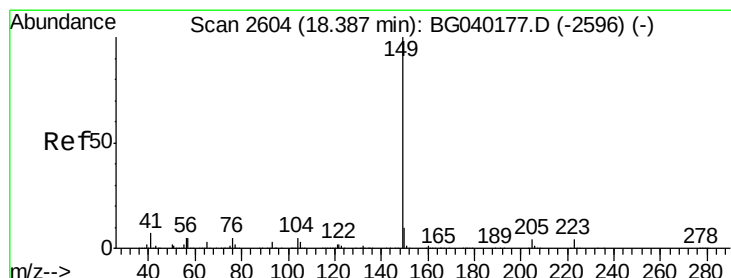
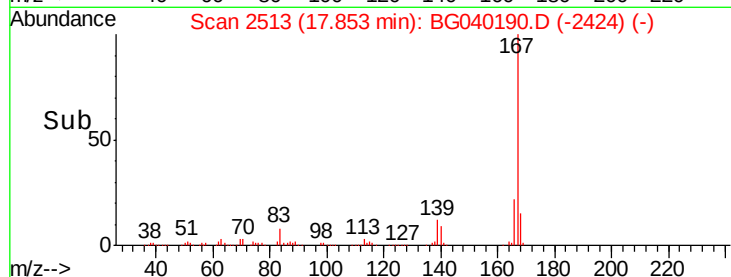
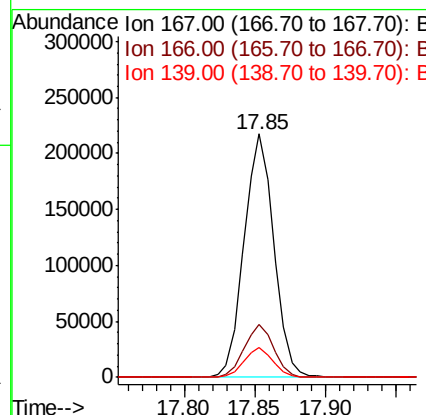
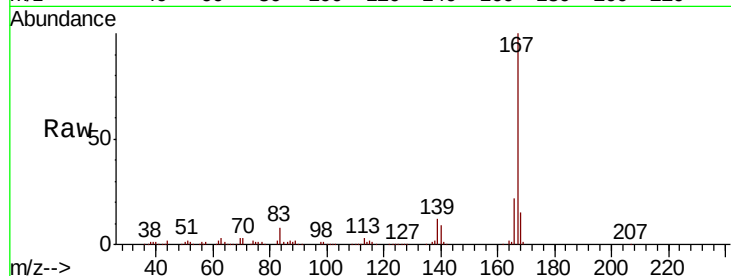




#73
 Carbazole
 Concen: 18.375 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

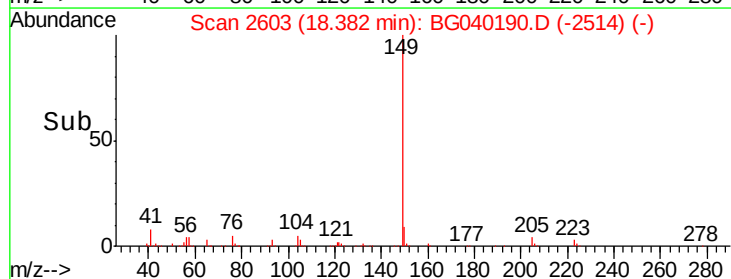
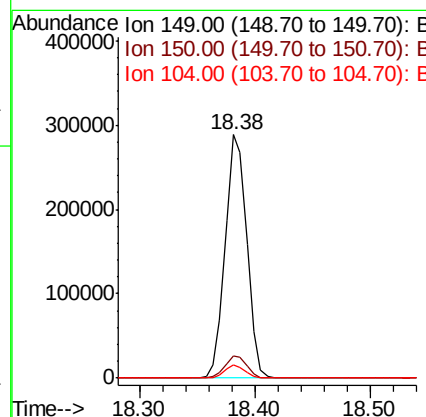
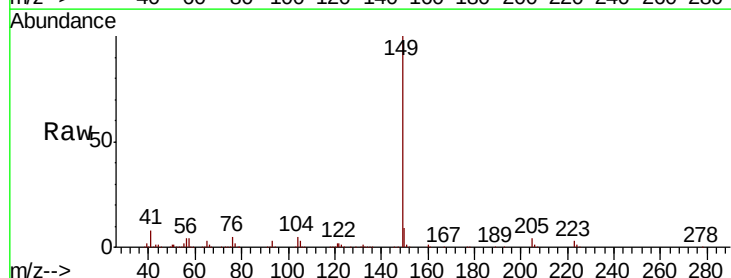
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

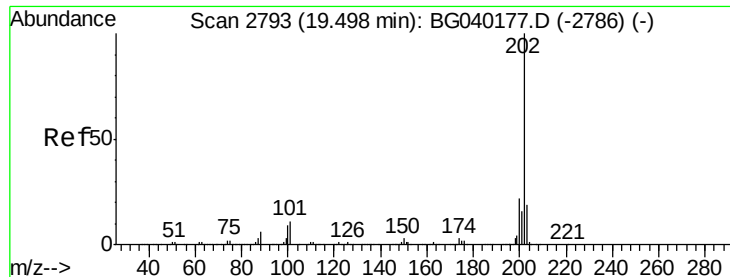
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	12.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 18.112 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BG040190.D
 Acq: 28 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.4	4.1	6.1





#75

Fluoranthene

Concen: 19.115 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

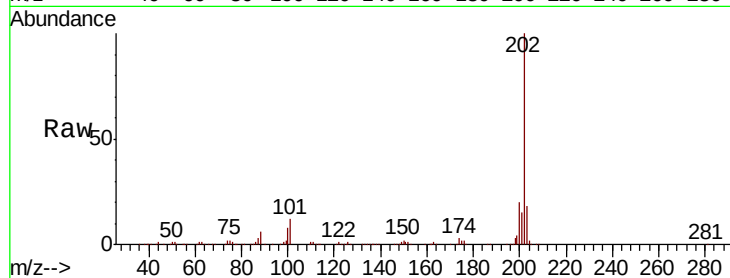
Tgt Ion:202 Resp: 416480

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.8

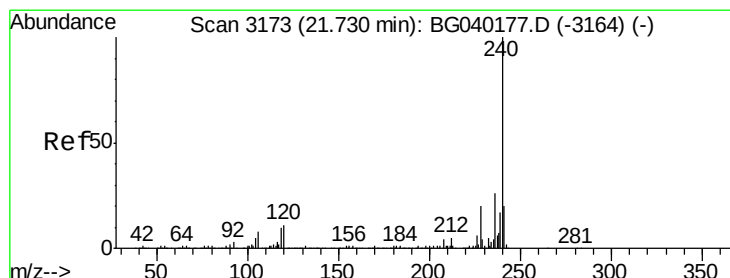
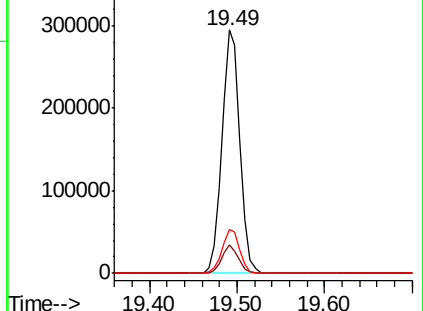
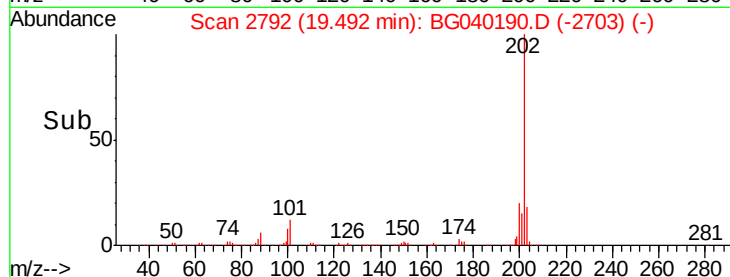
203 17.9 0.0 38.9



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: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

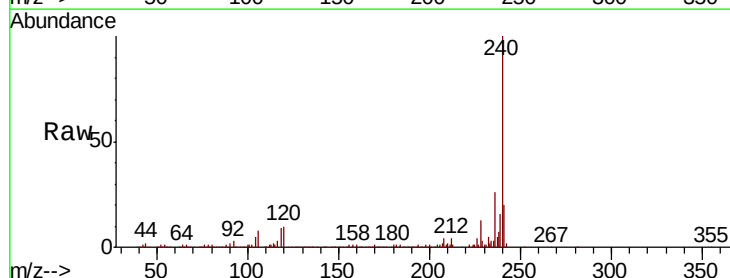
Tgt Ion:240 Resp: 351141

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

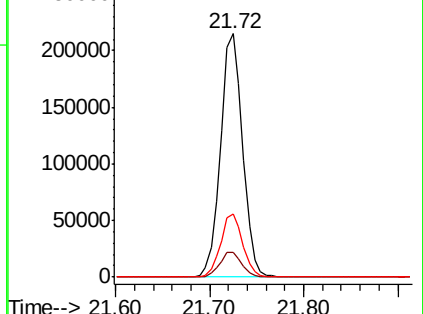
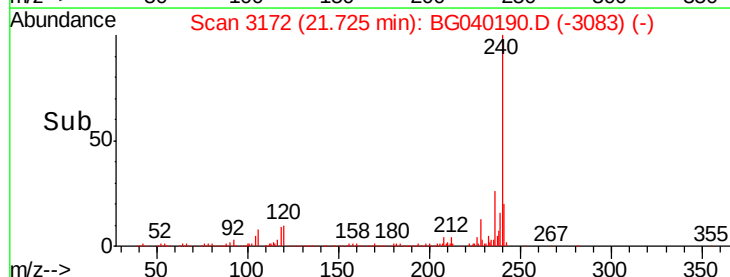
236 25.7 20.8 31.2

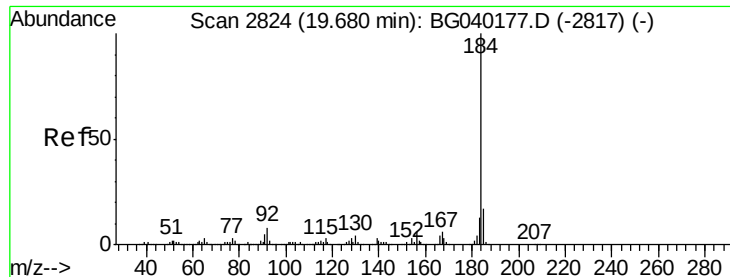


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.122 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

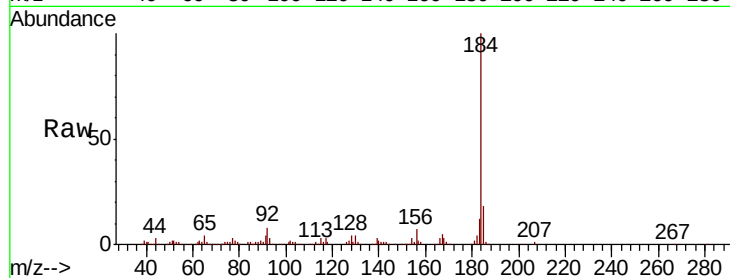
Tgt Ion:184 Resp: 179072

Ion Ratio Lower Upper

184 100

185 18.0 13.3 19.9

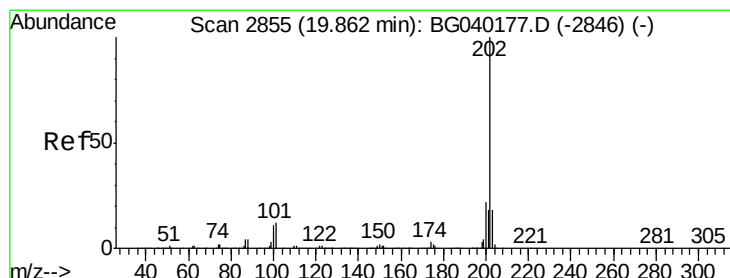
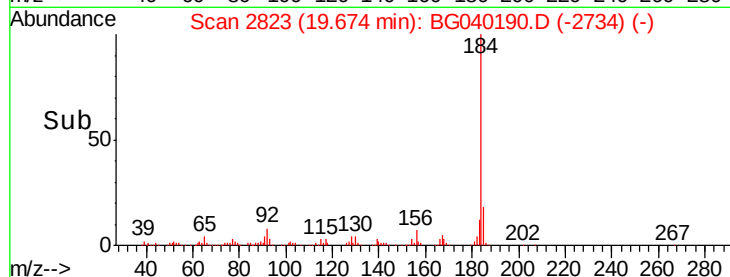
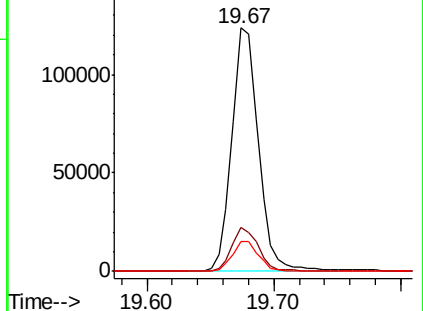
183 12.0 10.3 15.5



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: 18.438 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

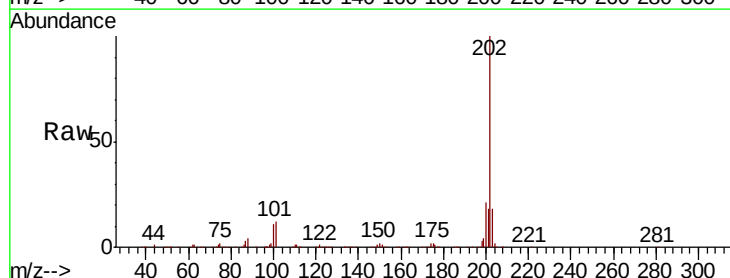
Tgt Ion:202 Resp: 425758

Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

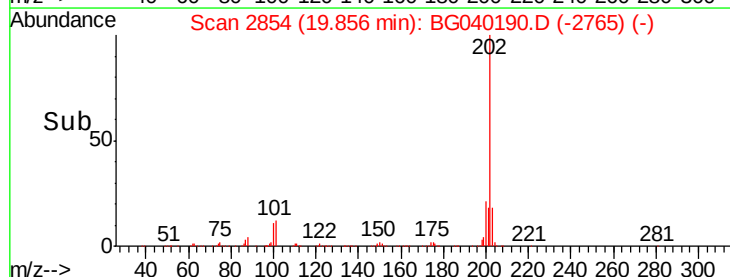
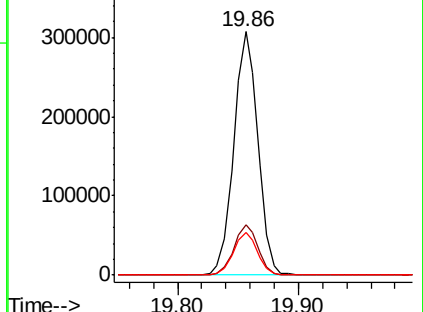
203 17.7 14.6 22.0

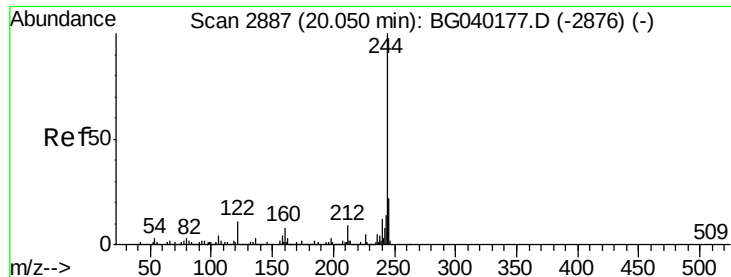


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.772 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

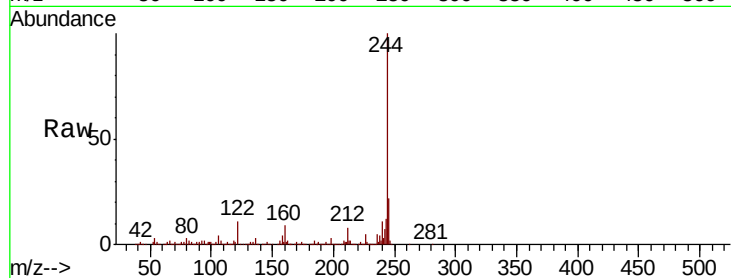
Tgt Ion:244 Resp: 1120267

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

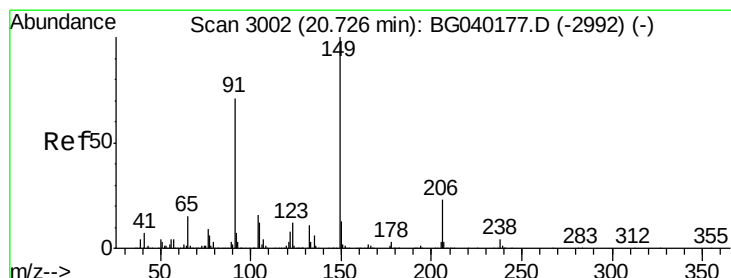
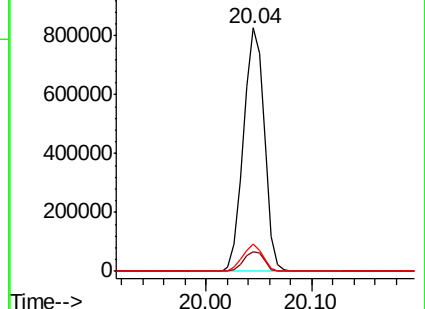
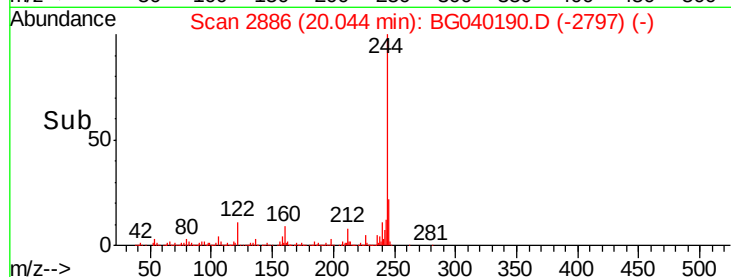
122 11.1 8.5 12.7



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: 16.713 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

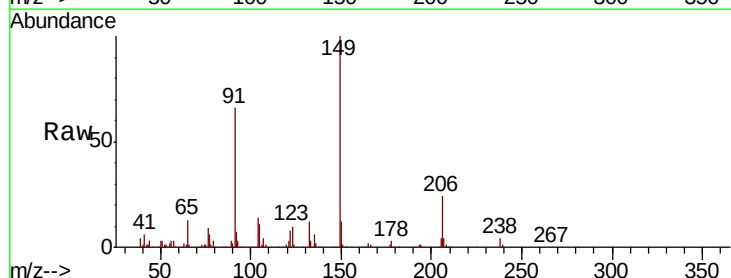
Tgt Ion:149 Resp: 165148

Ion Ratio Lower Upper

149 100

91 65.7 57.0 85.4

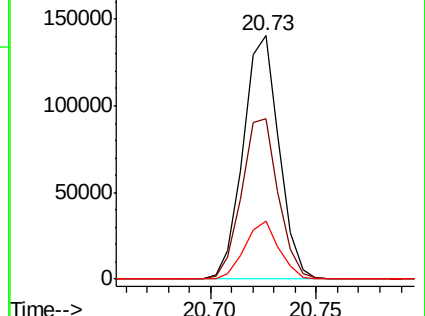
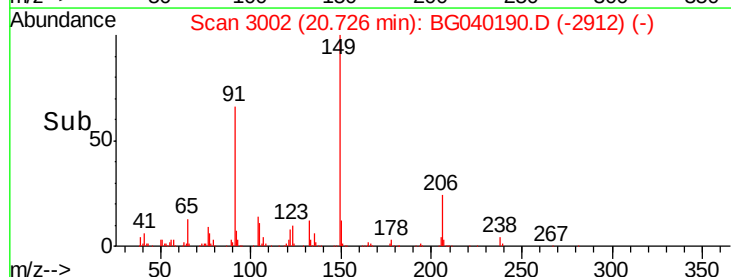
206 23.8 18.2 27.4

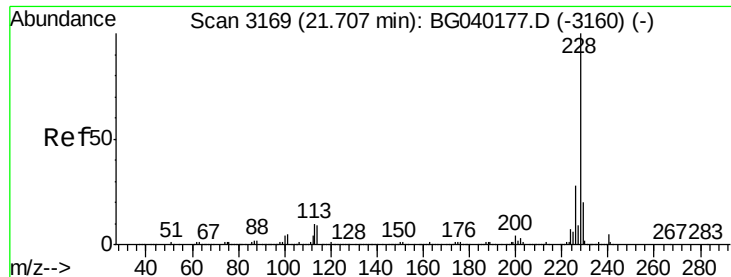


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

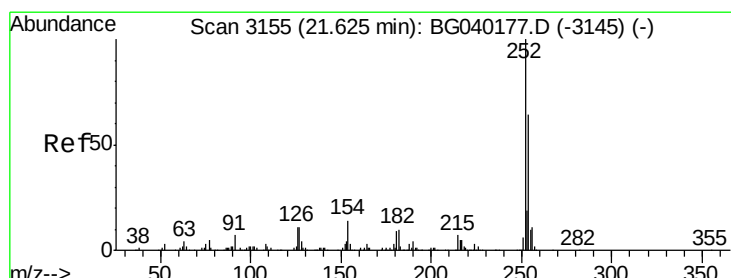
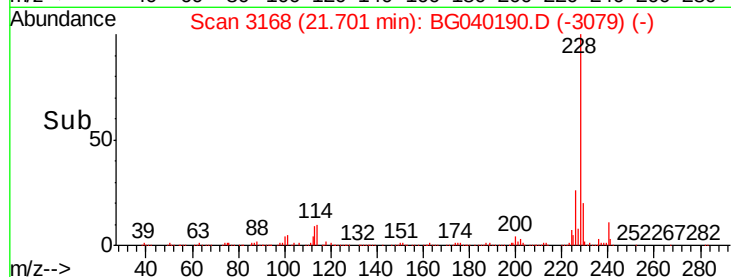
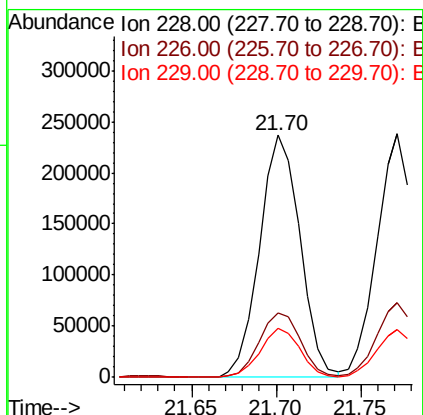
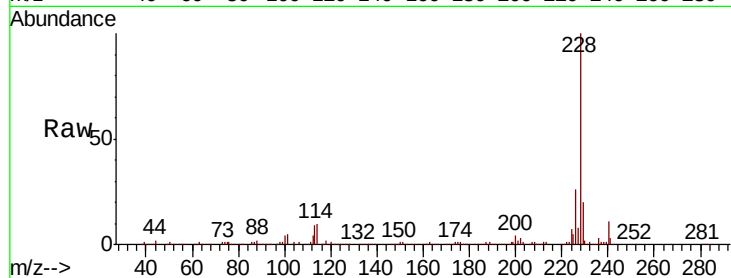




#81
Benzo(a)anthracene
Concen: 18.257 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

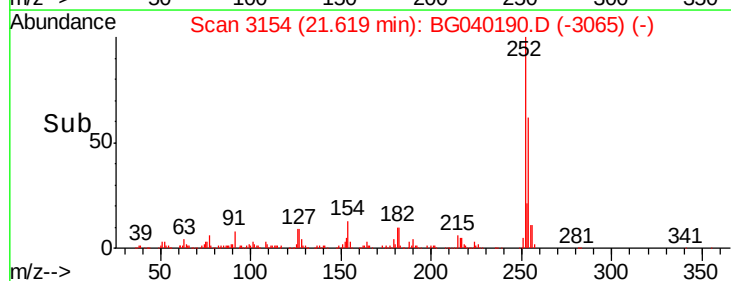
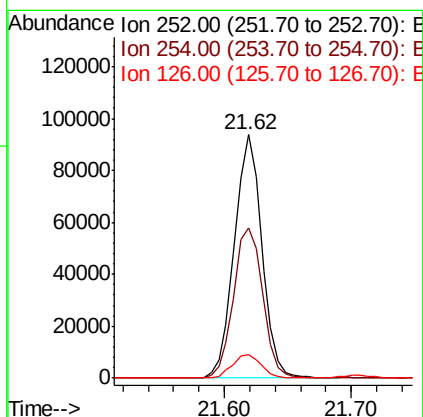
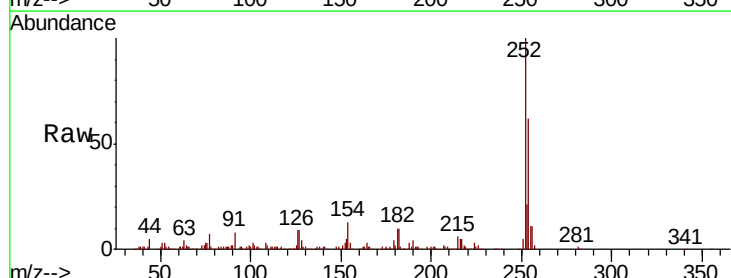
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

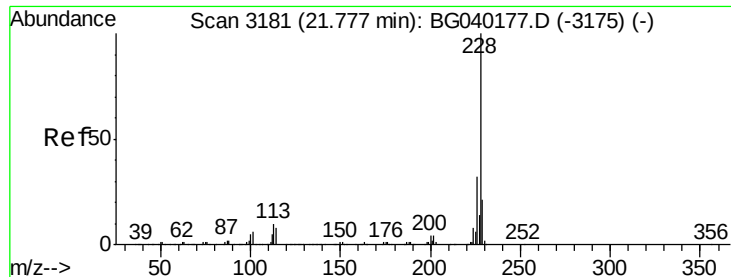
Tgt Ion: 228 Resp: 394862
Ion Ratio Lower Upper
228 100
226 26.5 22.6 34.0
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 17.055 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion: 252 Resp: 140321
Ion Ratio Lower Upper
252 100
254 61.9 51.4 77.2
126 9.4 8.5 12.7





#83

Chrysene

Concen: 18.062 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

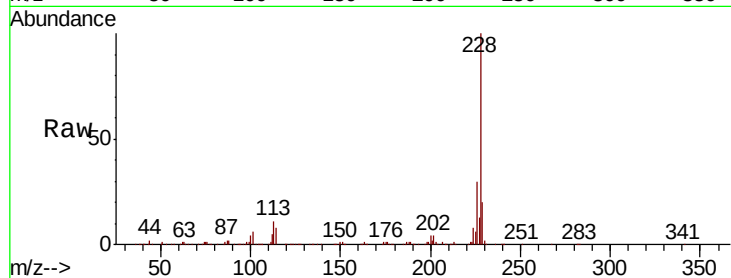
Tgt Ion:228 Resp: 375445

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.0

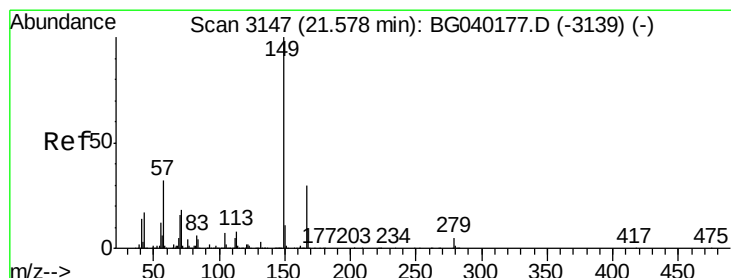
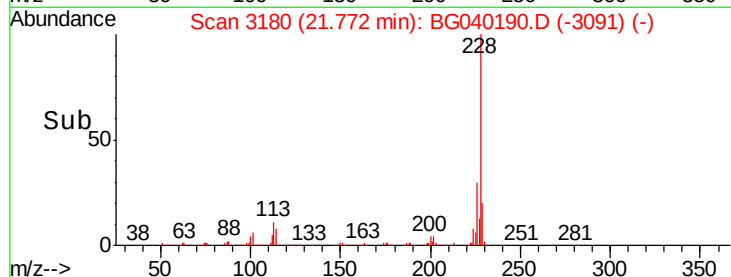
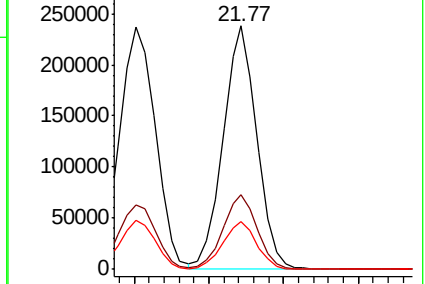
229 19.6 17.0 25.4



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: 16.738 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

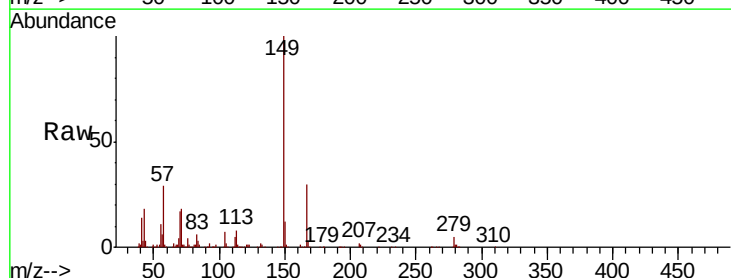
Tgt Ion:149 Resp: 236418

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

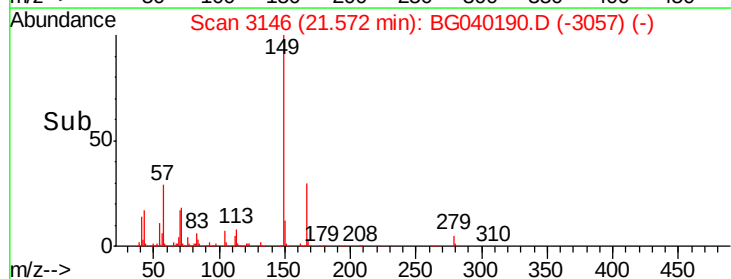
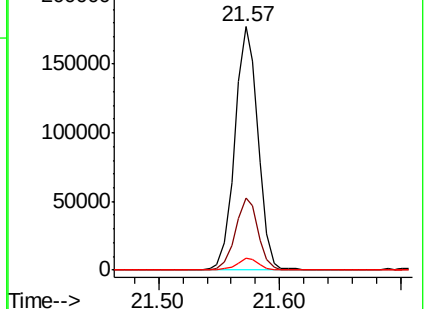
279 4.7 4.1 6.1

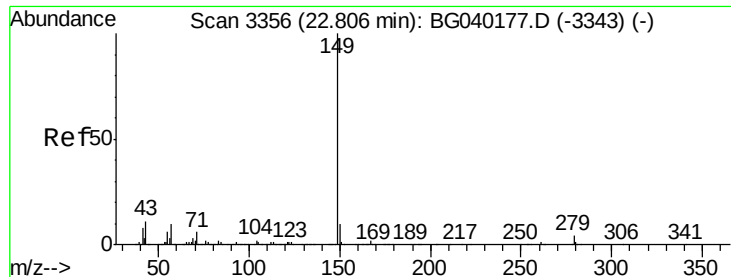


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 16.476 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

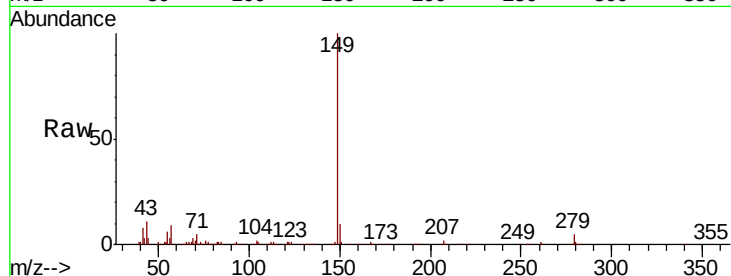
Tgt Ion:149 Resp: 396498

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

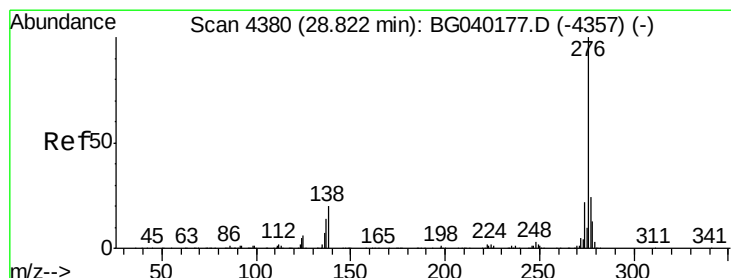
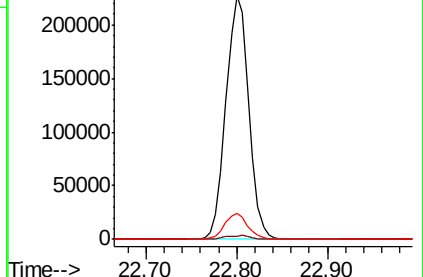
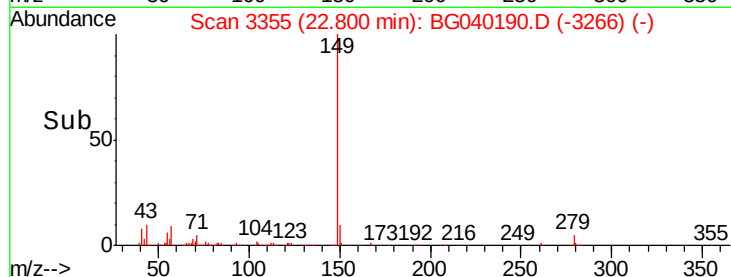
43 10.6 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 17.287 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.02 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

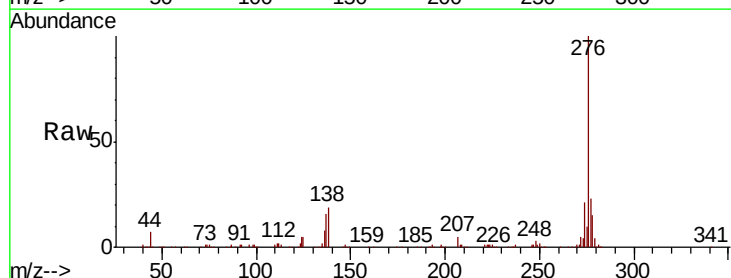
Tgt Ion:276 Resp: 439478

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

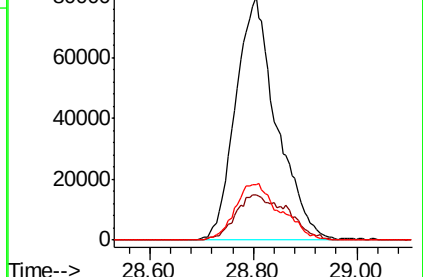
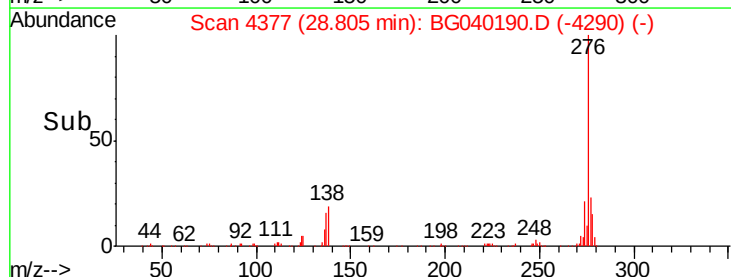
277 25.7 21.0 31.4

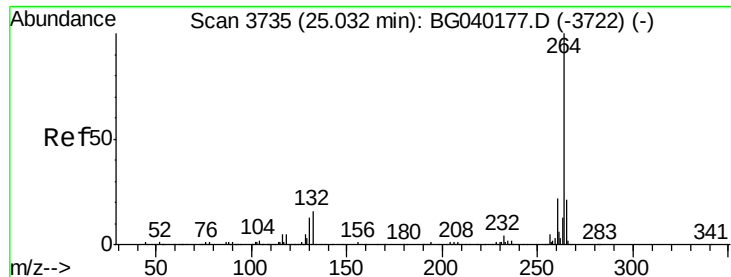


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



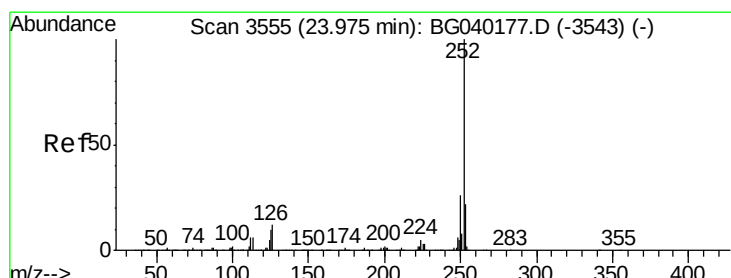
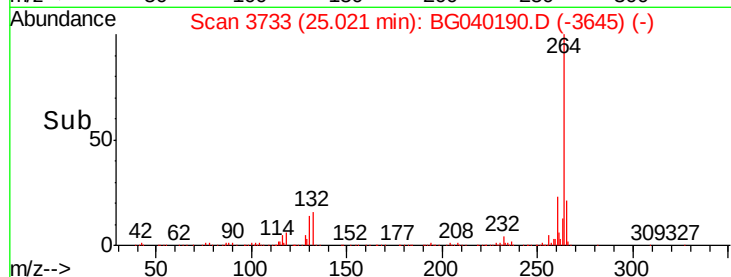
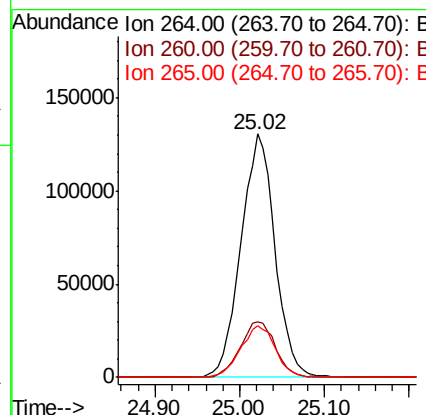
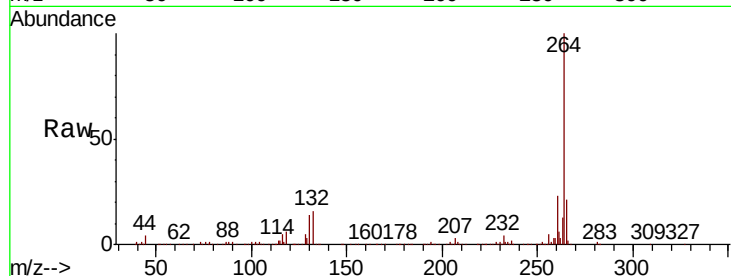


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 264 Resp: 363953

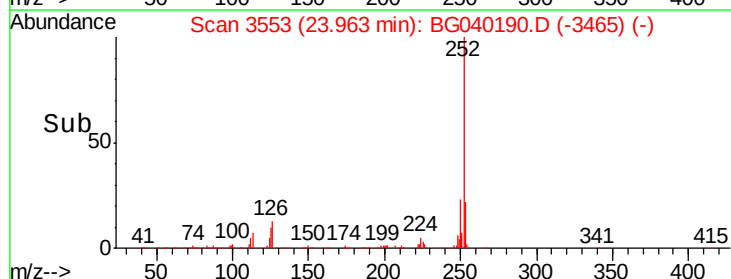
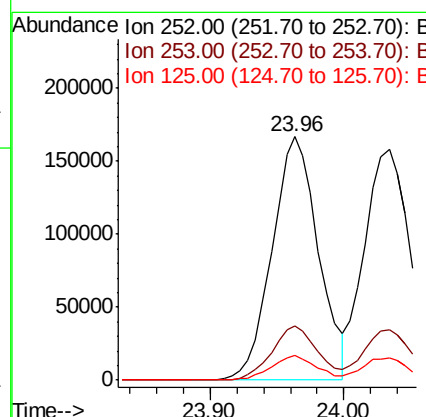
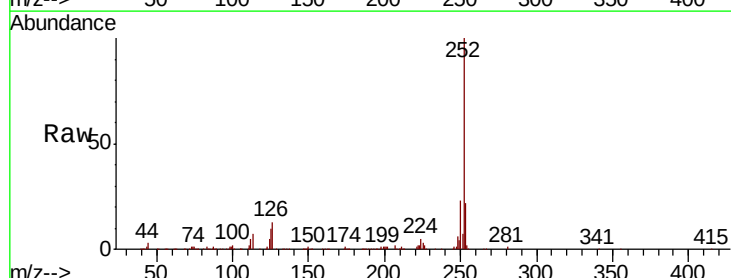
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.3	16.8	25.2

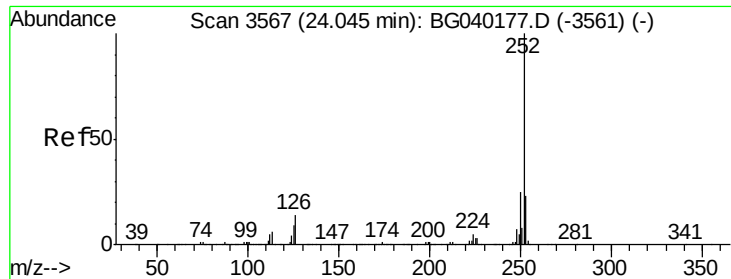


#88
Benzo(b)fluoranthene
Concen: 18.001 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG040190.D
Acq: 28 Mar 2019 3:08

Tgt Ion: 252 Resp: 401110

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.0	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 18.426 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

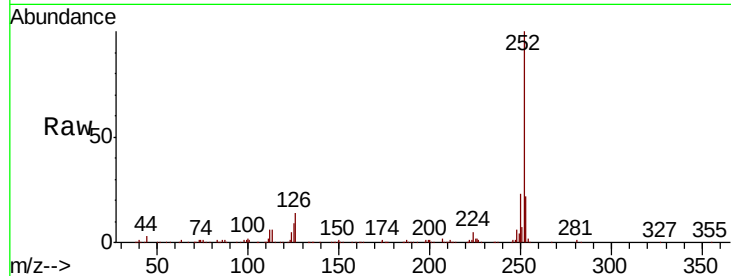
Tgt Ion:252 Resp: 377582

Ion Ratio Lower Upper

252 100

253 21.6 18.6 28.0

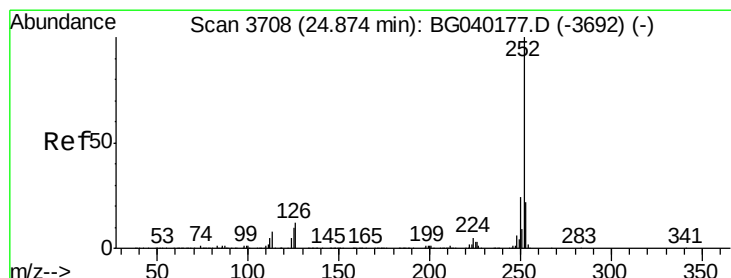
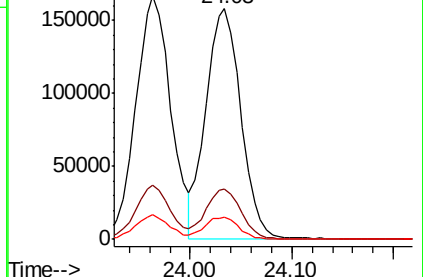
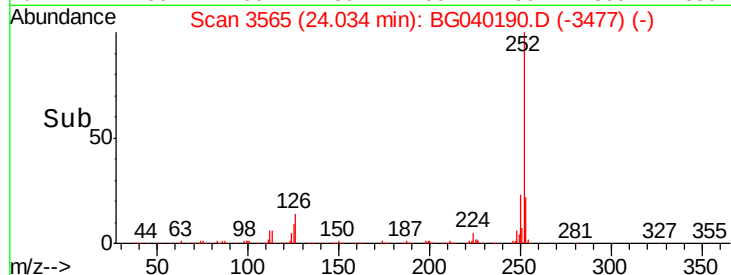
125 9.5 7.3 10.9



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: 17.926 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

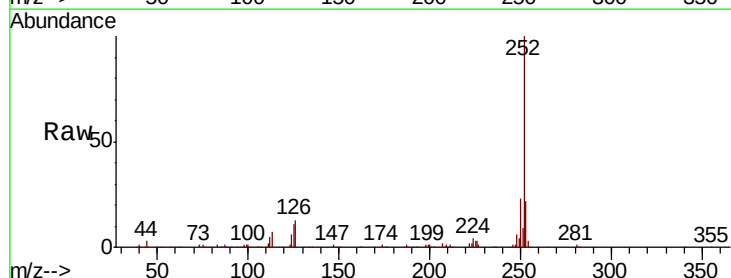
Tgt Ion:252 Resp: 374784

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

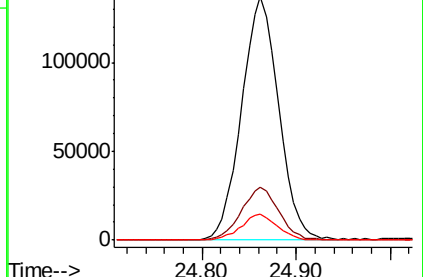
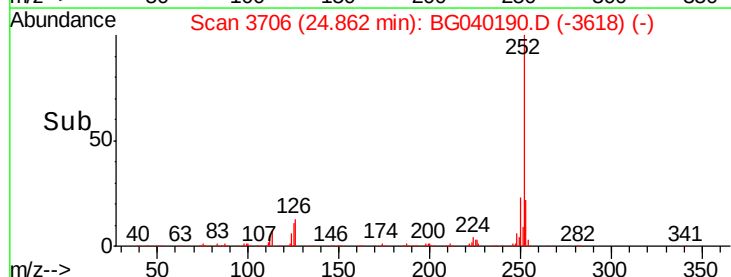
125 10.5 8.3 12.5

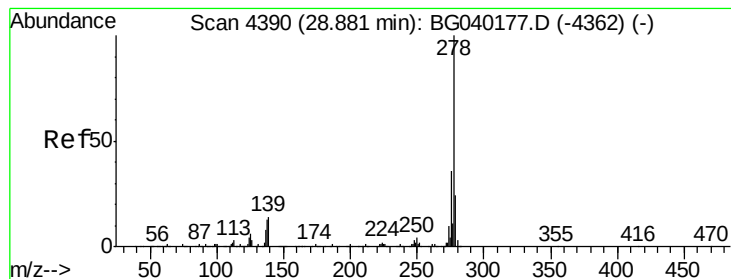


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 18.232 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.02 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2019

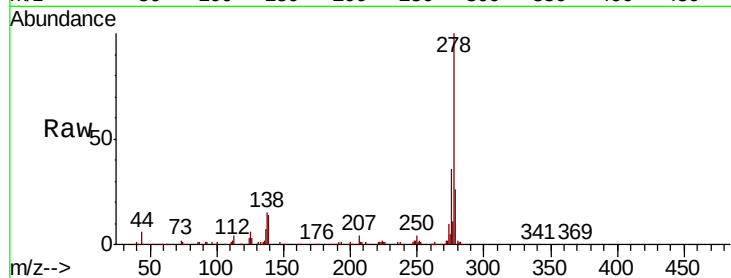
Tgt Ion: 278 Resp: 354016

Ion Ratio Lower Upper

278 100

139 13.9 11.2 16.8

279 25.8 18.9 28.3

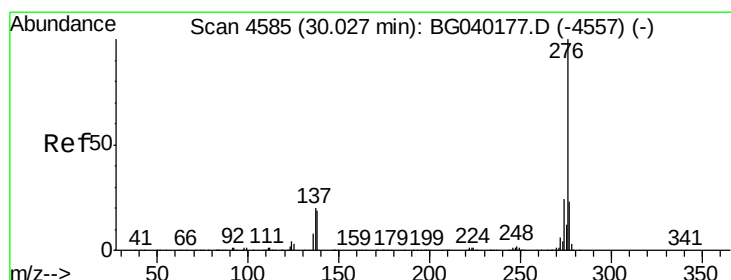
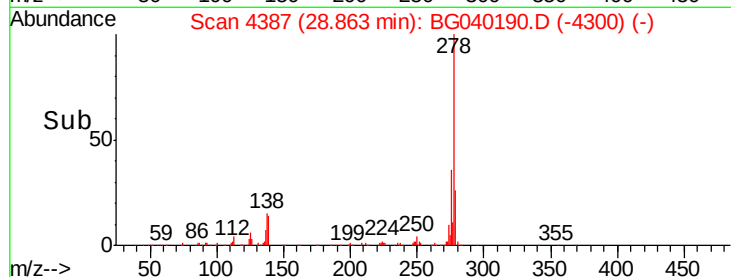
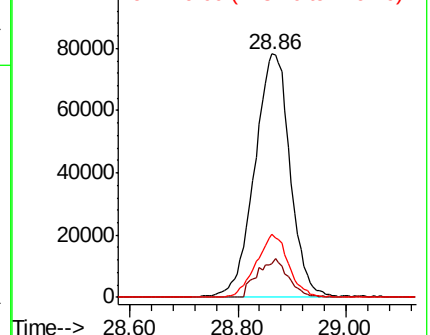


Abundance

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: 18.066 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.04 min

Lab File: BG040190.D

Acq: 28 Mar 2019 3:08

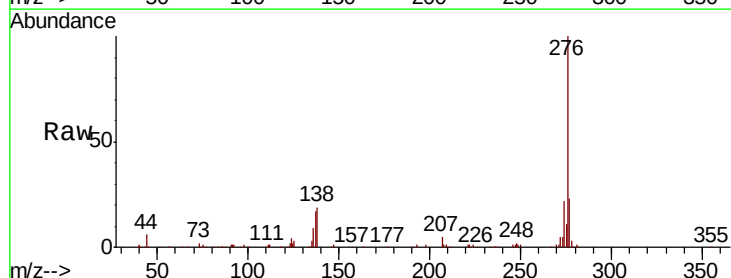
Tgt Ion: 276 Resp: 360516

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 18.6 15.2 22.8



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

