

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122116\
 Data File : BG025368.D
 Acq On : 21 Dec 2016 22:02
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Quant Time: Dec 22 02:47:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	47110	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	198412	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	154510	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	363275	20.00	ng	0.00
75) Chrysene-d12	21.88	240	546859	20.00	ng	0.00
86) Perylene-d12	25.28	264	581784	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.75	112	397665	153.43	ng	0.00
7) Phenol-d6	7.38	99	539927	147.92	ng	0.00
23) Nitrobenzene-d5	9.40	82	416423	92.72	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	332170	133.53	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	892367	93.50	ng	0.00
78) Terphenyl-d14	20.17	244	1775355	86.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	5160	4.67	ng	# 78
3) Pyridine	4.01	79	13799	4.30	ng	97
4) n-Nitrosodimethylamine	3.93	42	11096	5.83	ng	# 66
6) Aniline	7.54	93	13812	2.79	ng	# 87
8) 2-Chlorophenol	7.77	128	15348	5.25	ng	93
9) Benzaldehyde	7.36	77	11520	4.31	ng	# 73
10) Phenol	7.40	94	21742	5.37	ng	93
11) bis(2-Chloroethyl)ether	7.62	93	14360	4.61	ng	94
12) 1,3-Dichlorobenzene	8.24	146	16966	4.80	ng	90
13) 1,4-Dichlorobenzene	8.10	146	15587	4.25	ng	97
14) 1,2-Dichlorobenzene	8.57	146	16903	4.83	ng	91
15) Benzyl Alcohol	8.46	79	15119	4.34	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.73	45	27057	4.69	ng	95
17) 2-Methylphenol	8.67	107	13822	5.20	ng	# 79
18) Hexachloroethane	9.30	117	7258	5.15	ng	89
19) n-Nitroso-di-n-propylamine	9.01	70	13889	4.50	ng	# 76
20) 3+4-Methylphenols	9.00	107	16040	4.36	ng	# 77
22) Acetophenone	9.05	105	25206	4.57	ng	# 94
24) Nitrobenzene	9.44	77	24556	4.98	ng	95
25) Isophorone	9.95	82	37090	4.56	ng	# 94
26) 2-Nitrophenol	10.16	139	7680	4.08	ng	# 84
27) 2,4-Dimethylphenol	10.21	122	12578	4.06	ng	# 87
28) bis(2-Chloroethoxy)methane	10.44	93	18070	4.28	ng	# 92
29) 2,4-Dichlorophenol	10.72	162	14093	4.25	ng	93
30) 1,2,4-Trichlorobenzene	10.90	180	19018	4.75	ng	89
31) Naphthalene	11.09	128	46956	4.74	ng	# 91
32) Benzoic acid	10.32	122	1692	0.68	ng	88
33) 4-Chloroaniline	11.22	127	11050	2.65	ng	96
34) Hexachlorobutadiene	11.35	225	14344	4.39	ng	# 68
35) Caprolactam	11.99	113	3412	2.74	ng	# 53
36) 4-Chloro-3-methylphenol	12.33	107	16824	4.11	ng	96
37) 2-Methylnaphthalene	12.68	142	33894	4.62	ng	88
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	23029	4.51	ng	95
40) Hexachlorocyclopentadiene	13.01	237	891	8.94	ng	# 63

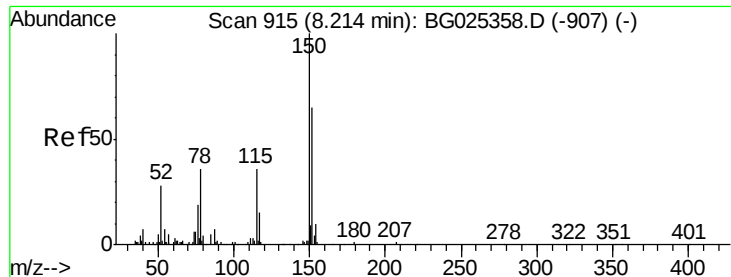
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	16030	4.99	ng	96
43) 2,4,5-Trichlorophenol	13.39	196	16030	4.77	ng	91
45) 1,1'-Biphenyl	13.67	154	49425	4.76	ng	89
46) 2-Chloronaphthalene	13.72	162	37051	4.56	ng	98
47) 2-Nitroaniline	13.95	65	12593	3.67	ng	88
48) Acenaphthylene	14.57	152	59232	4.71	ng	# 92
49) Dimethylphthalate	14.28	163	50693	4.50	ng	# 91
50) 2,6-Dinitrotoluene	14.42	165	11145	4.53	ng	# 88
51) Acenaphthene	14.90	154	36795	4.47	ng	93
52) 3-Nitroaniline	14.77	138	7671	3.24	ng	# 95
53) 2,4-Dinitrophenol	14.99	184	86	5.13	ng	# 55
54) Dibenzofuran	15.24	168	61168	4.70	ng	96
55) 4-Nitrophenol	15.11	139	5642	3.19	ng	# 47
56) 2,4-Dinitrotoluene	15.22	165	13871	3.87	ng	86
57) Fluorene	15.88	166	52901	4.86	ng	# 95
58) 2,3,4,6-Tetrachlorophenol	15.47	232	15390	4.27	ng	# 98
59) Diethylphthalate	15.62	149	53482	4.53	ng	94
60) 4-Chlorophenyl-phenylether	15.86	204	27903	4.52	ng	89
61) 4-Nitroaniline	15.94	138	9174	3.85	ng	96
62) Azobenzene	16.16	77	53923	4.73	ng	95
64) 4,6-Dinitro-2-methylphenol	16.01	198	7827	3.11	ng	93
65) n-Nitrosodiphenylamine	16.08	169	43189	4.40	ng	98
66) 4-Bromophenyl-phenylether	16.76	248	18183	4.06	ng	96
67) Hexachlorobenzene	16.88	284	23291	4.53	ng	93
68) Atrazine	17.02	200	14448	3.36	ng	100
69) Pentachlorophenol	17.25	266	9426	3.54	ng	# 85
70) Phenanthrene	17.63	178	87157	4.66	ng	# 94
71) Anthracene	17.72	178	87496	4.60	ng	97
72) Carbazole	18.00	167	77394	4.55	ng	# 91
73) Di-n-butylphthalate	18.50	149	97224	4.64	ng	# 92
74) Fluoranthene	19.63	202	125208	5.06	ng	89
76) Benzidine	19.81	184	15520	1.14	ng	# 87
77) Pyrene	19.99	202	127337	4.46	ng	94
79) Butylbenzylphthalate	20.84	149	50796	4.43	ng	95
80) Benzo(a)anthracene	21.86	228	145393	4.77	ng	95
81) 3,3'-Dichlorobenzidine	21.76	252	41913	3.54	ng	# 95
82) Chrysene	21.92	228	139604	4.77	ng	92
83) Bis(2-ethylhexyl)phthalate	21.70	149	75032	4.70	ng	# 93
84) Di-n-octyl phthalate	22.96	149	130789	4.93	ng	# 94
85) Indeno(1,2,3-cd)pyrene	29.22	276	171752	4.62	ng	# 55
87) Benzo(b)fluoranthene	24.19	252	152204	4.79	ng	# 97
88) Benzo(k)fluoranthene	24.26	252	138000	4.50	ng	# 95
89) Benzo(a)pyrene	25.12	252	139387	4.55	ng	97
90) Dibenzo(a,h)anthracene	29.27	278	149014	4.59	ng	# 95
91) Benzo(g,h,i)perylene	30.45	276	133209	4.13	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

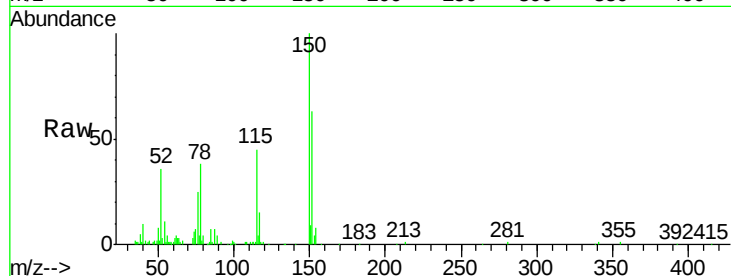
Tgt Ion:152 Resp: 47110

Ion Ratio Lower Upper

152 100

150 159.3 114.0 171.0

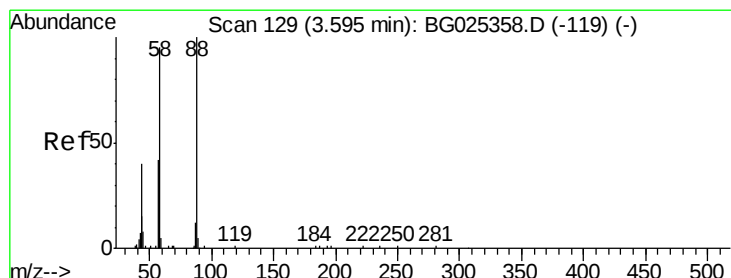
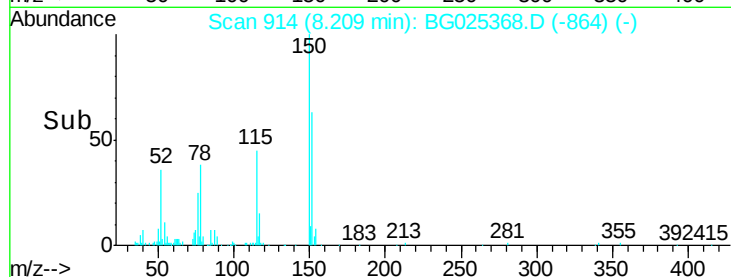
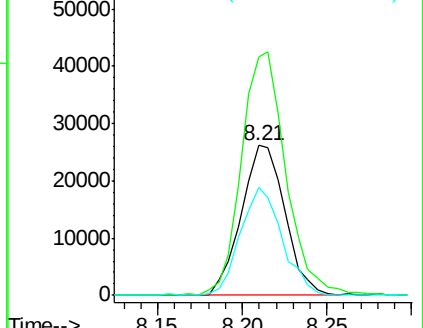
115 72.2 48.1 72.1#



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: 4.67 ng

RT: 3.59 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

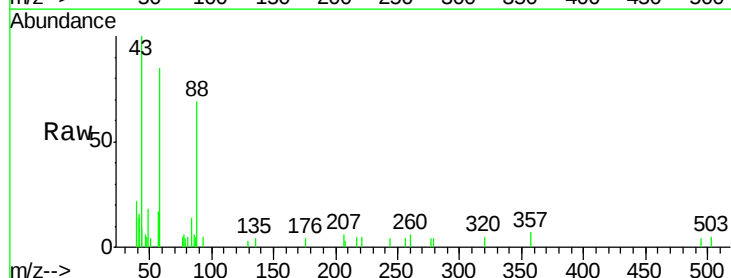
Tgt Ion: 88 Resp: 5160

Ion Ratio Lower Upper

88 100

58 106.7 79.4 119.2

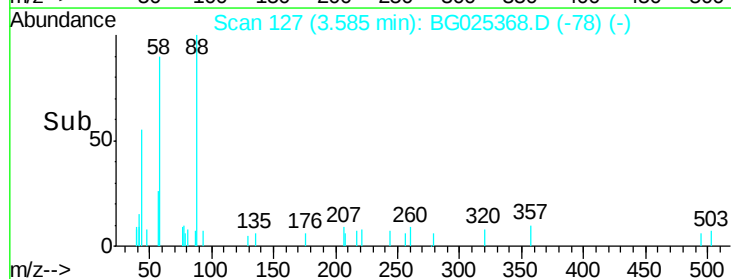
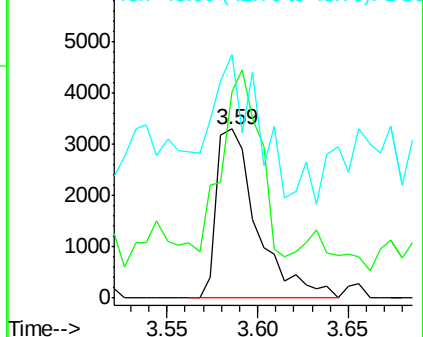
43 77.3 33.8 50.6#

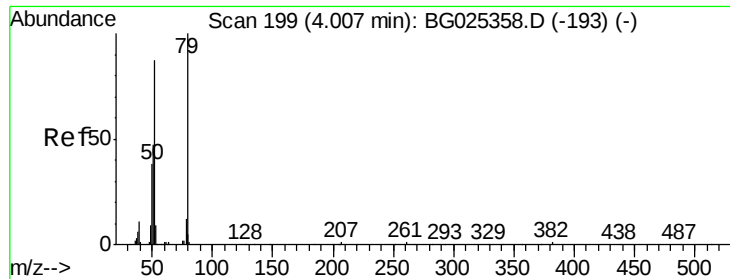


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 4.30 ng

RT: 4.01 min Scan# 199

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

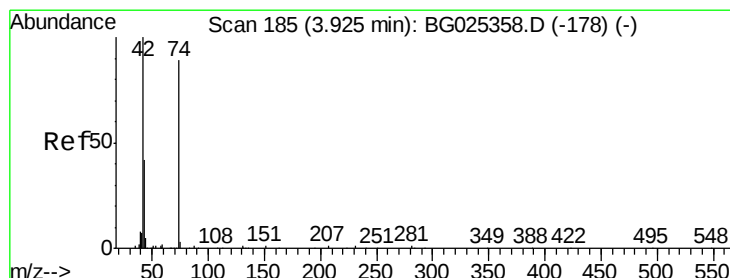
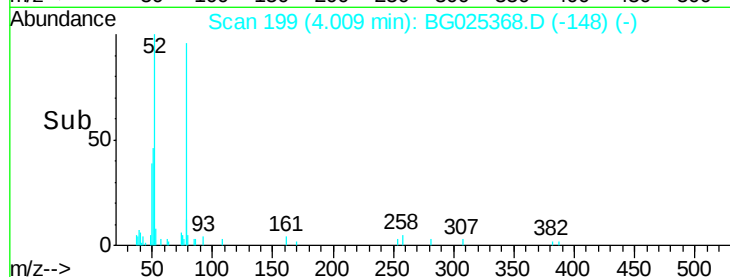
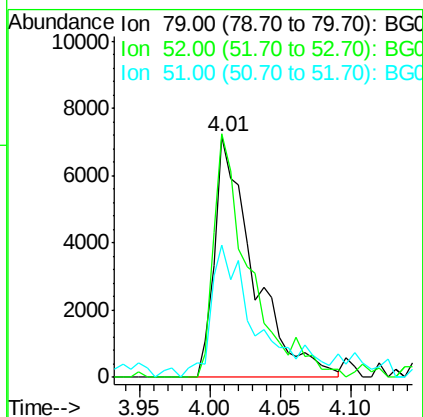
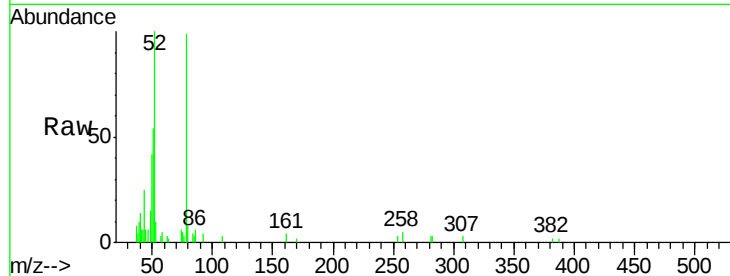
Tgt Ion: 79 Resp: 13799

Ion Ratio Lower Upper

79 100

52 101.2 77.8 116.6

51 55.0 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 5.83 ng

RT: 3.93 min Scan# 185

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

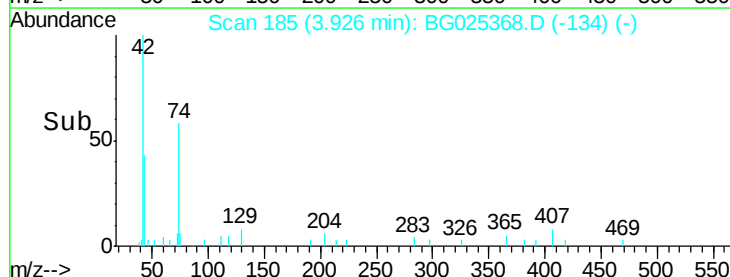
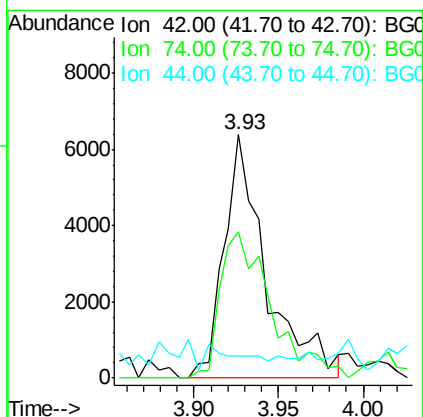
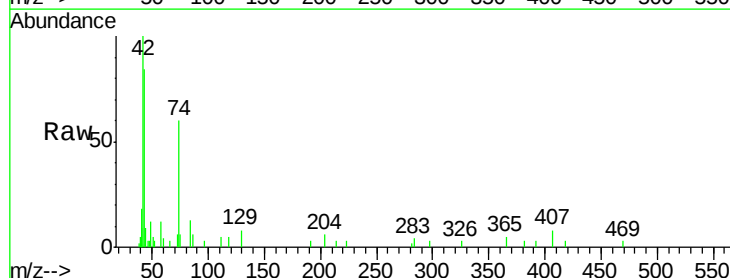
Tgt Ion: 42 Resp: 11096

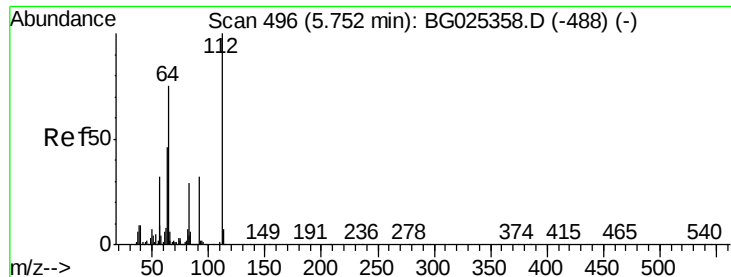
Ion Ratio Lower Upper

42 100

74 60.0 76.7 115.1#

44 9.0 6.1 9.1





#5

2-Fluorophenol

Concen: 153.43 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

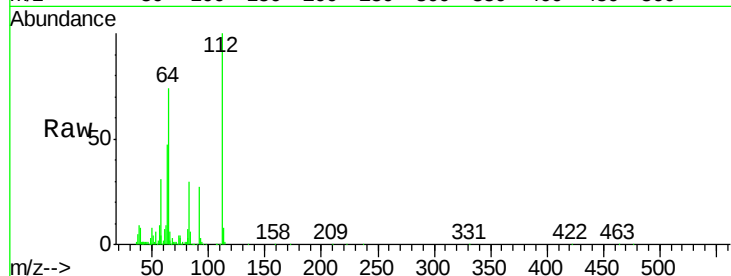
Instrument :

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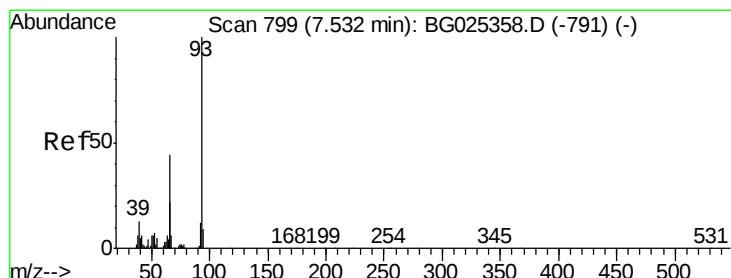
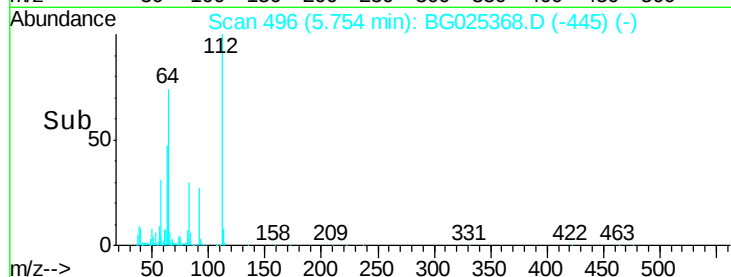
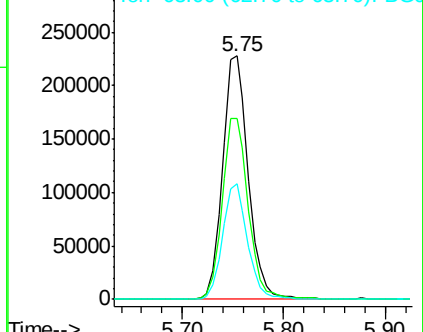
Tgt Ion:	112	Resp:	397665
Ion	Ratio	Lower	Upper
112	100		
64	74.3	61.8	92.6
63	47.3	37.2	55.8



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: 2.79 ng

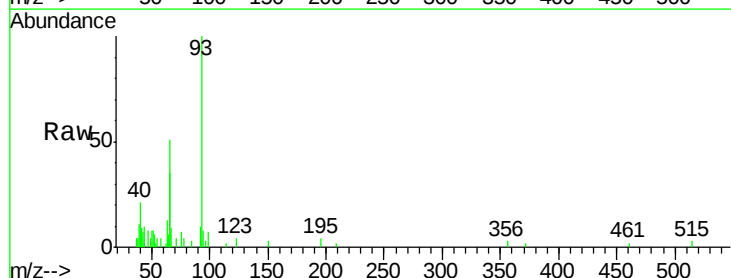
RT: 7.54 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

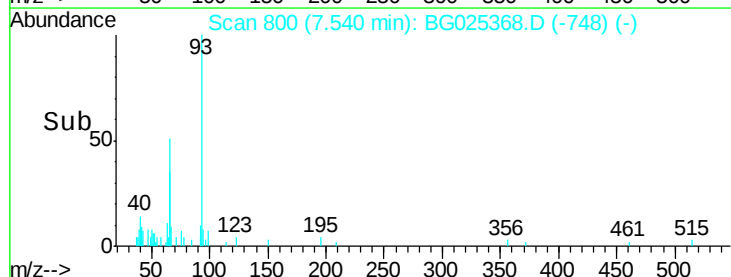
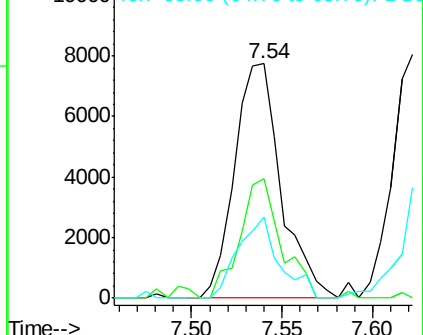
Tgt Ion:	93	Resp:	13812
Ion	Ratio	Lower	Upper
93	100		
66	51.1	35.4	53.2
65	34.7	21.2	31.8#

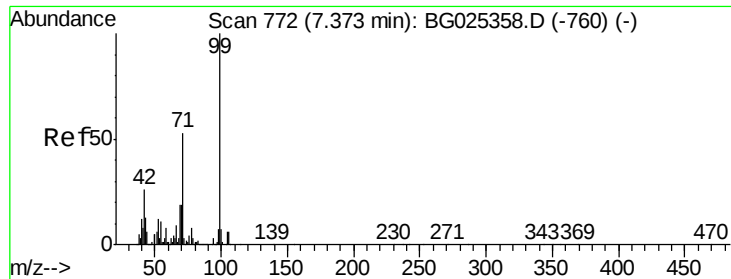


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.92 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

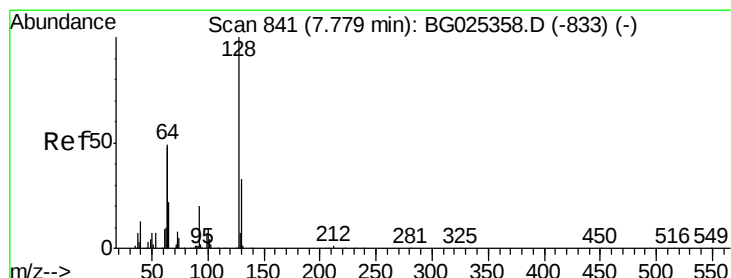
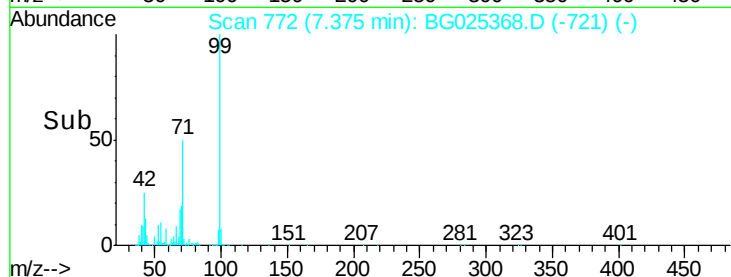
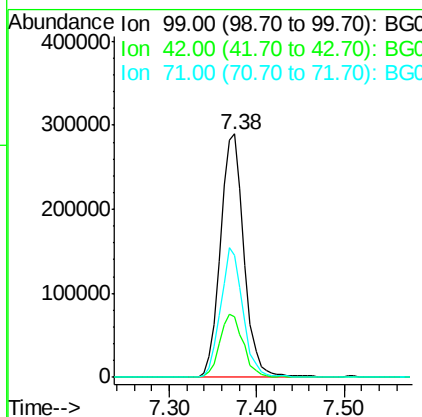
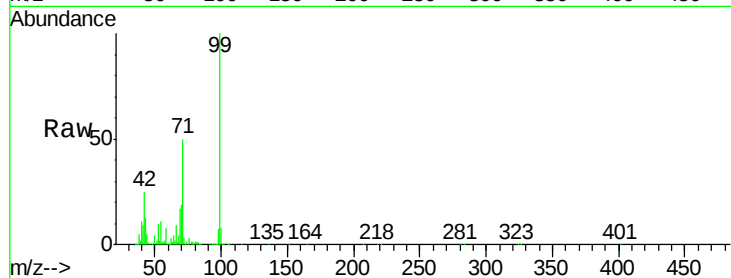
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Tgt Ion:	99	Resp:	539927
Ion	Ratio	Lower	Upper
99	100		
42	25.0	20.5	30.7
71	50.4	37.6	56.4



#8

2-Chlorophenol

Concen: 5.25 ng

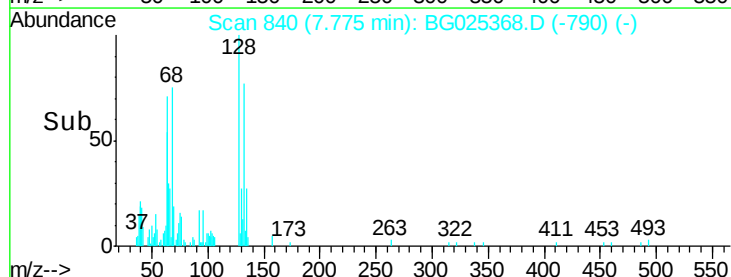
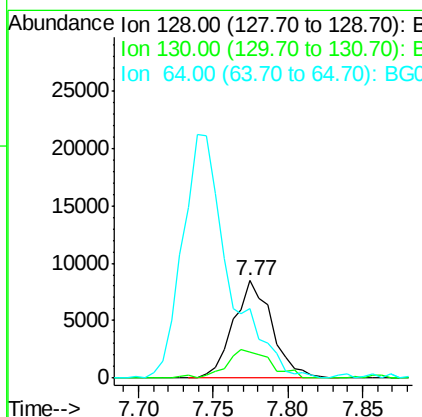
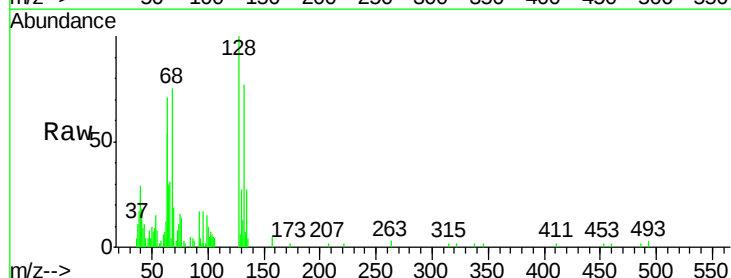
RT: 7.77 min Scan# 840

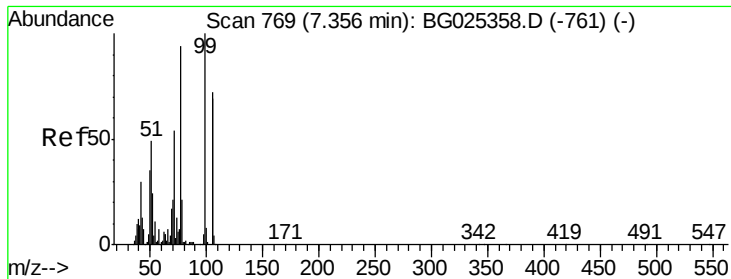
Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Tgt Ion:	128	Resp:	15348
Ion	Ratio	Lower	Upper
128	100		
130	27.3	11.4	51.4
64	71.5	46.6	86.6





#9

Benzaldehyde

Concen: 4.31 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

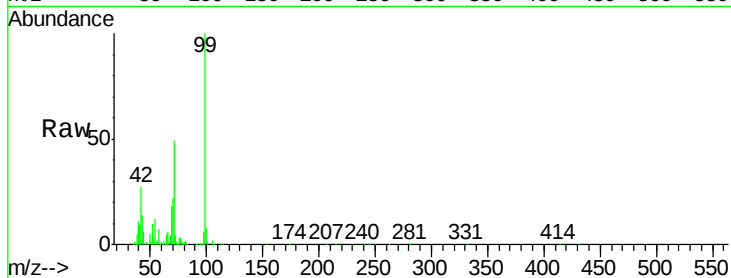
Tgt Ion: 77 Resp: 11520

Ion Ratio Lower Upper

77 100

105 60.9 60.9 100.9

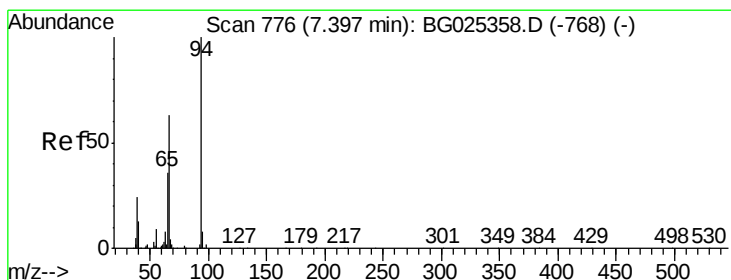
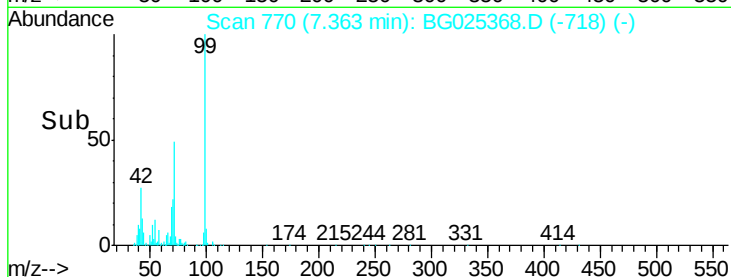
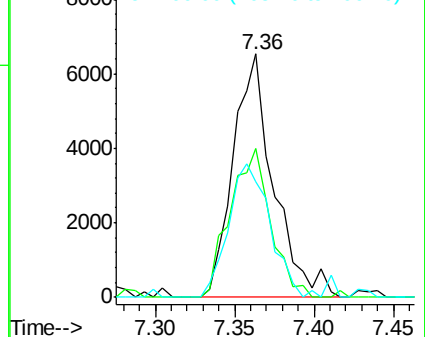
106 47.3 55.1 95.1#



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: 5.37 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

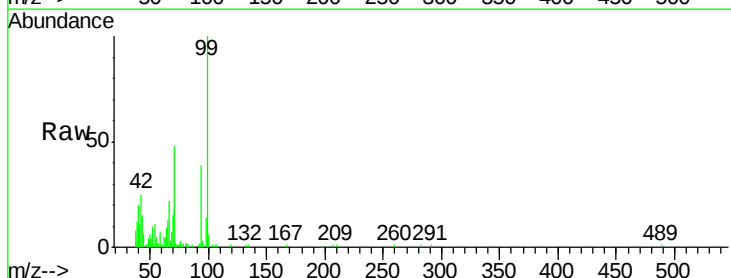
Tgt Ion: 94 Resp: 21742

Ion Ratio Lower Upper

94 100

65 32.0 20.6 60.6

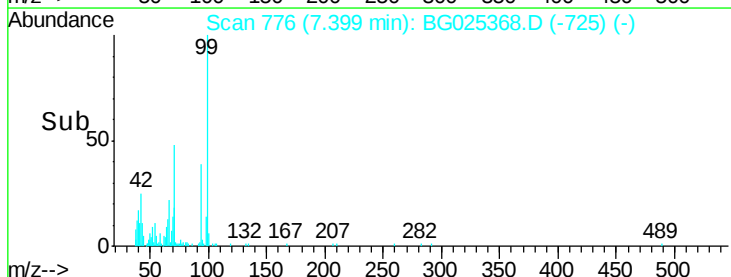
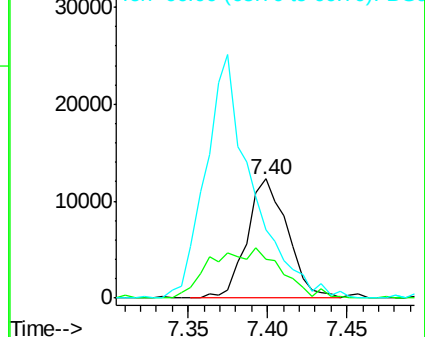
66 57.1 35.5 75.5

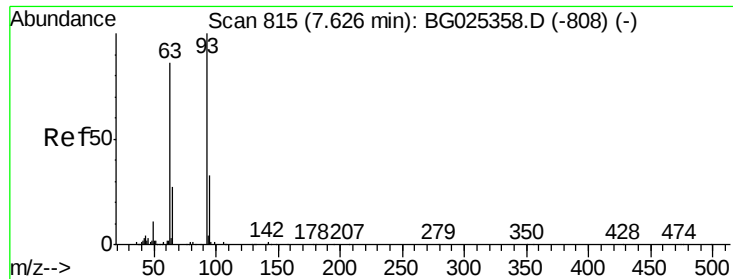


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

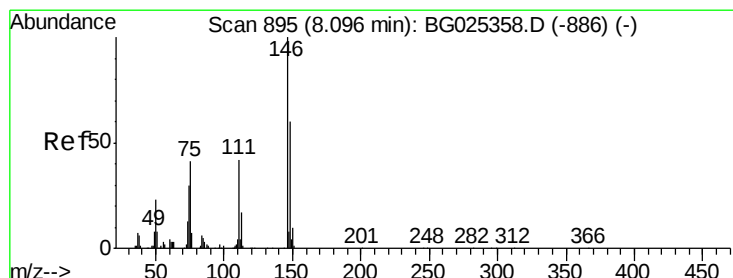
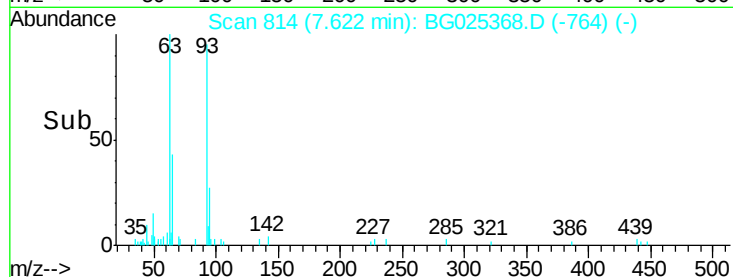
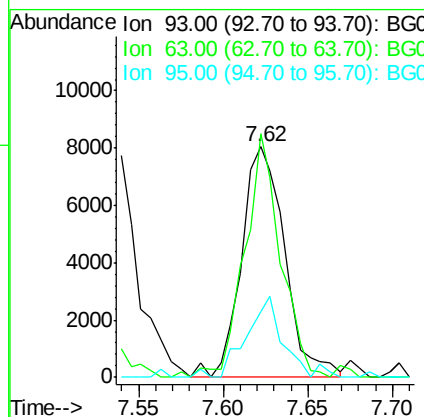
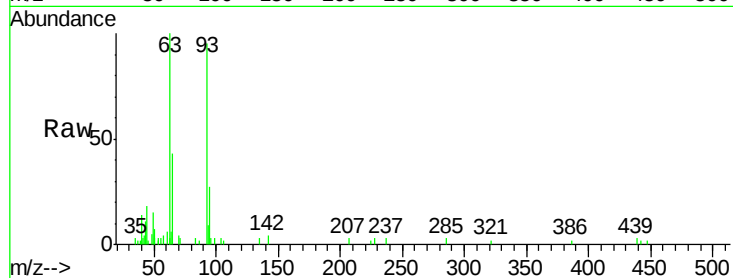




#11
bis(2-Chloroethyl)ether
Concen: 4.61 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

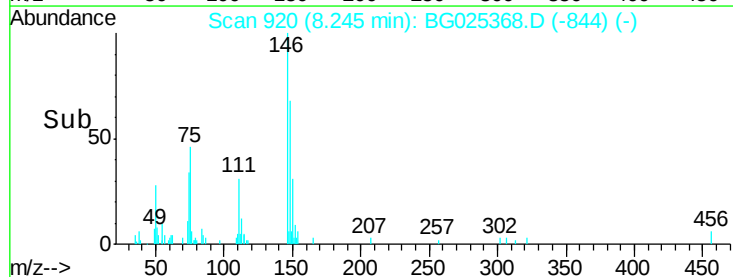
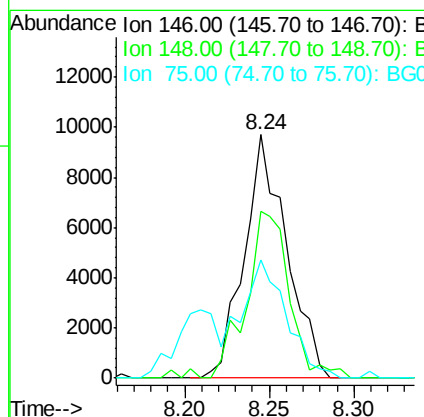
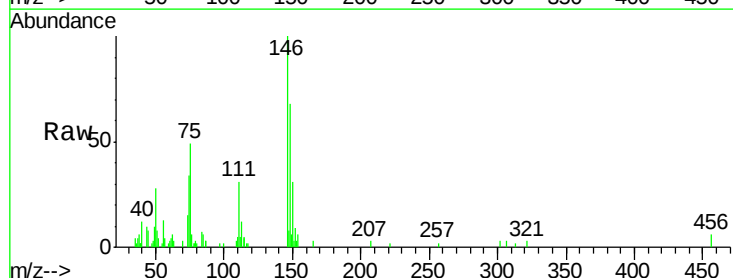
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

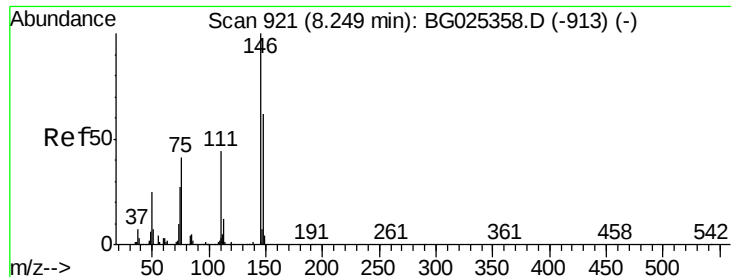
Tgt Ion: 93 Resp: 14360
Ion Ratio Lower Upper
93 100
63 105.6 78.5 118.5
95 28.4 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 4.80 ng
RT: 8.24 min Scan# 920
Delta R.T. 0.15 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion: 146 Resp: 16966
Ion Ratio Lower Upper
146 100
148 68.3 49.2 73.8
75 48.7 33.4 50.2

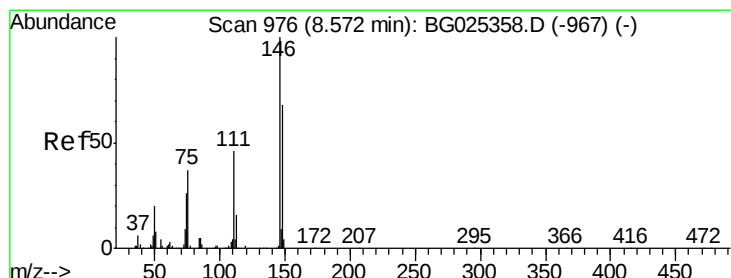
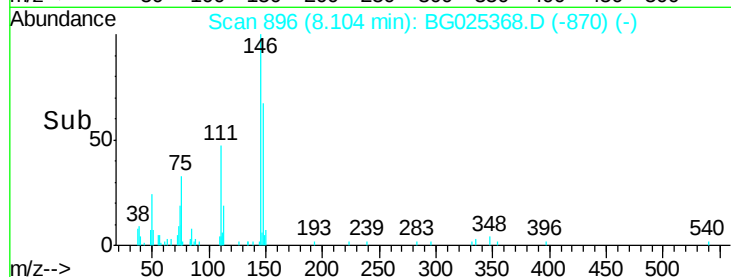
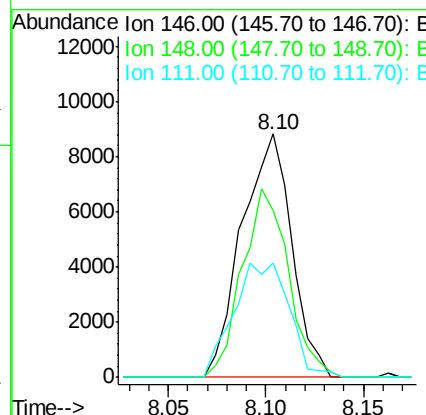
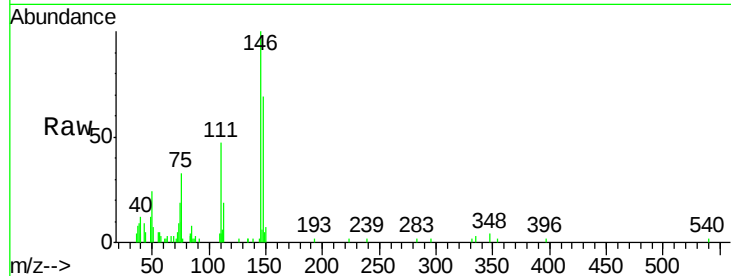




#13
 1,4-Dichlorobenzene
 Concen: 4.25 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.15 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

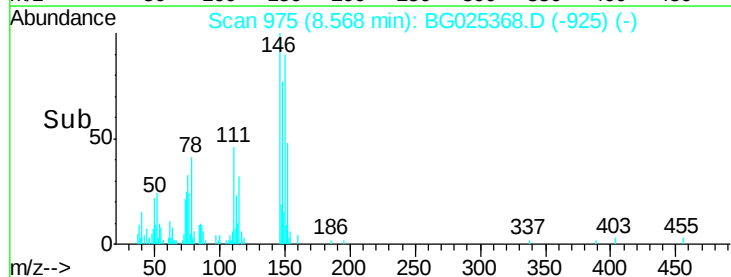
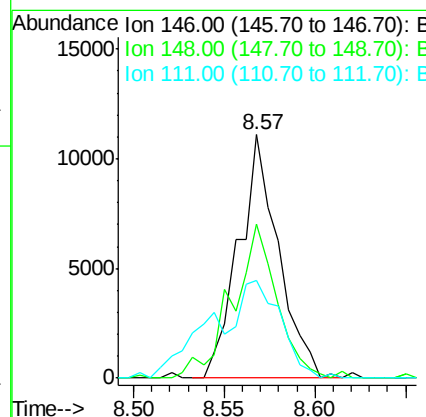
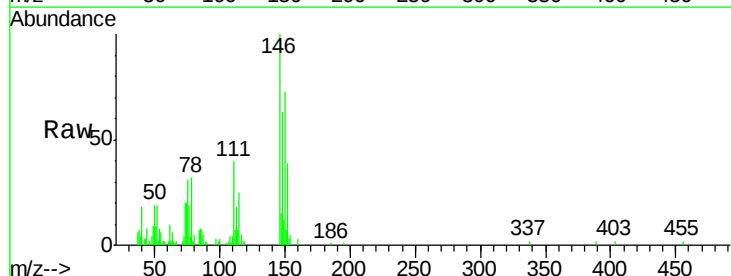
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

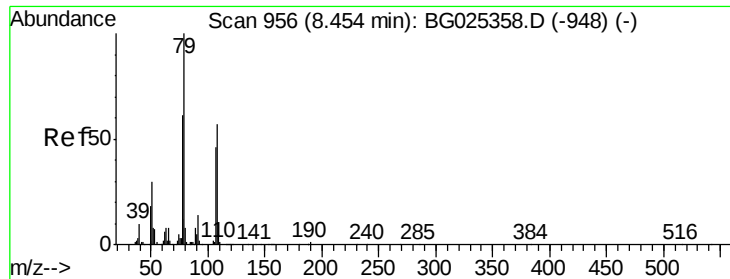
Tgt Ion:146 Resp: 15587
 Ion Ratio Lower Upper
 146 100
 148 68.7 52.2 78.2
 111 46.8 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 4.83 ng
 RT: 8.57 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:146 Resp: 16903
 Ion Ratio Lower Upper
 146 100
 148 63.2 54.6 81.8
 111 40.1 39.7 59.5

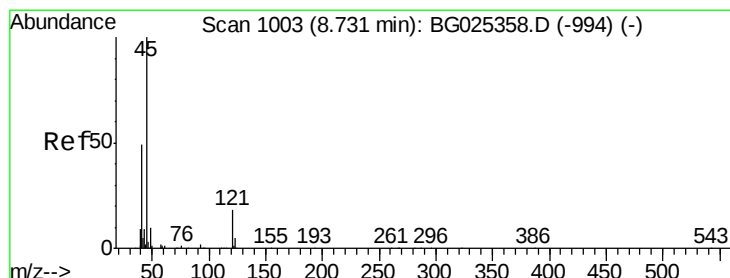
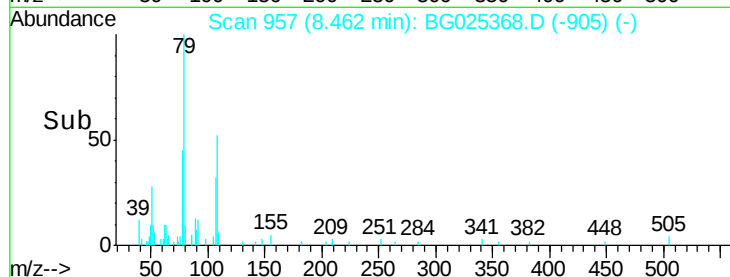
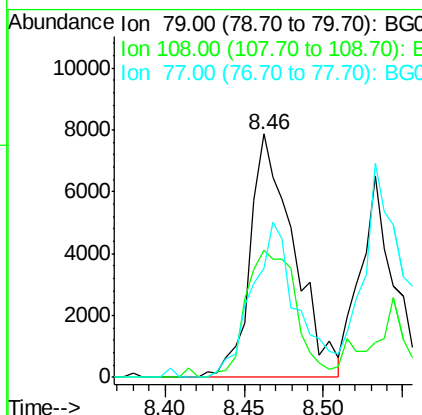
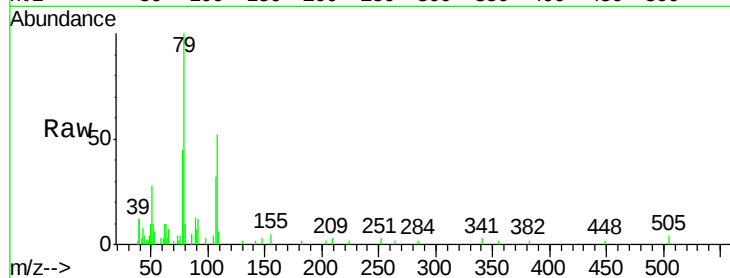




#15
Benzyl Alcohol
Concen: 4.34 ng
RT: 8.46 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

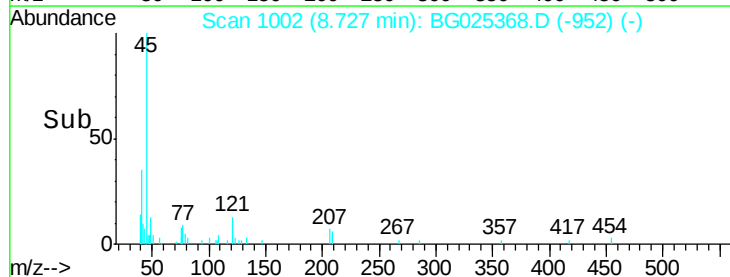
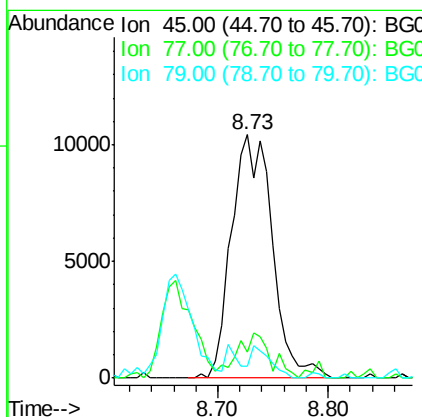
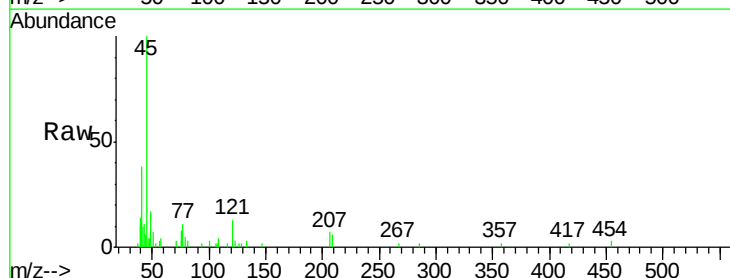
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

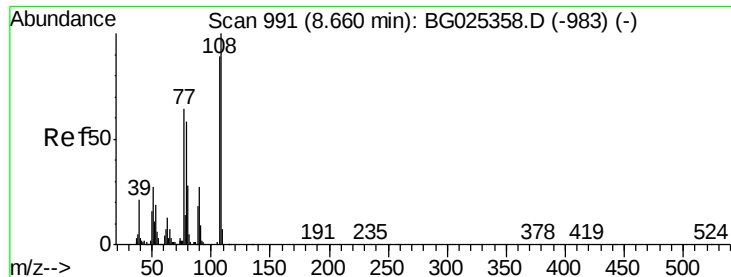
Tgt Ion: 79 Resp: 15119
Ion Ratio Lower Upper
79 100
108 52.2 45.5 68.3
77 45.0 54.3 81.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.69 ng
RT: 8.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion: 45 Resp: 27057
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.6
79 4.7 0.0 28.5

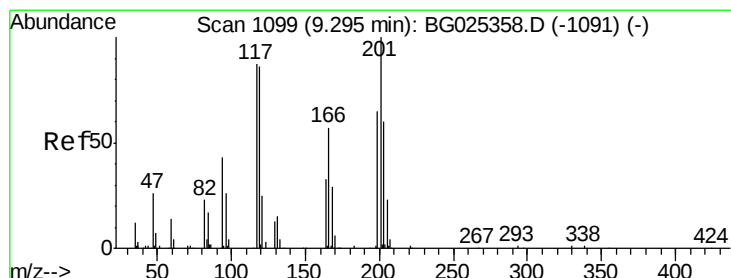
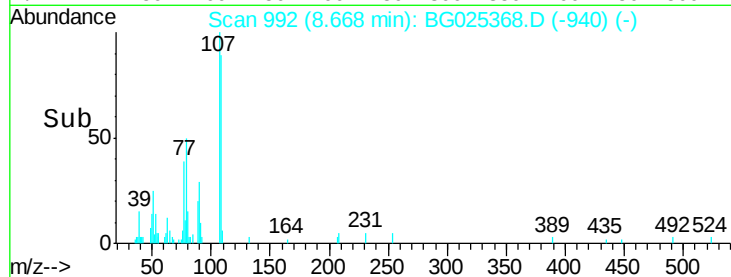
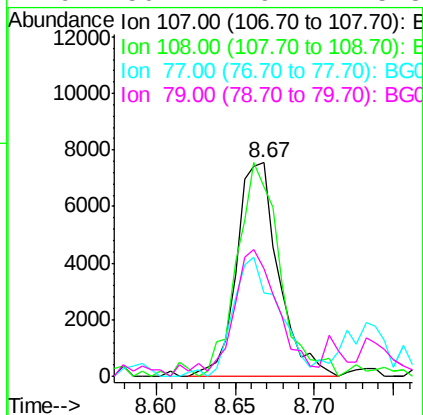
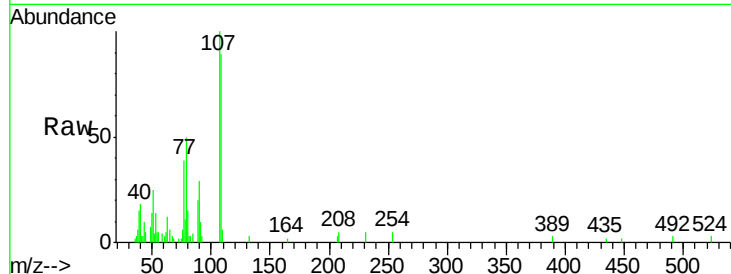




#17
2-Methylphenol
Concen: 5.20 ng
RT: 8.67 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

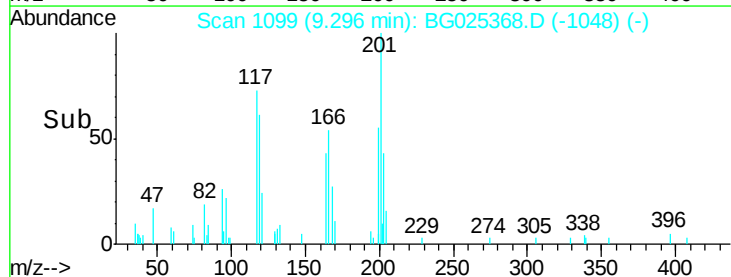
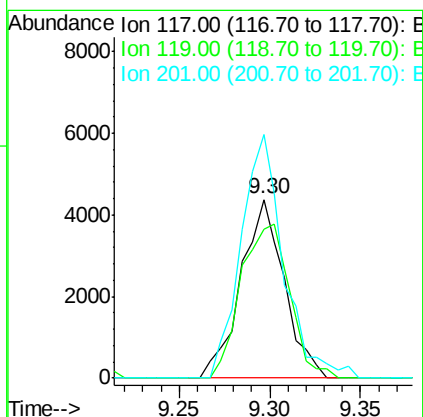
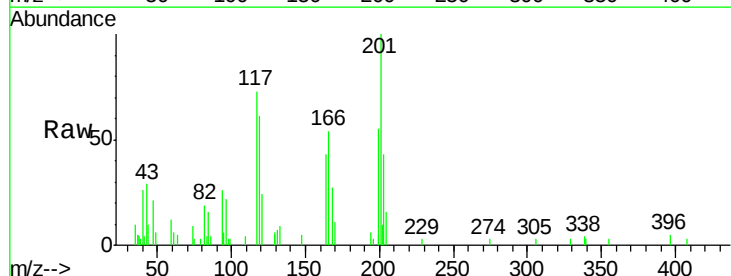
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

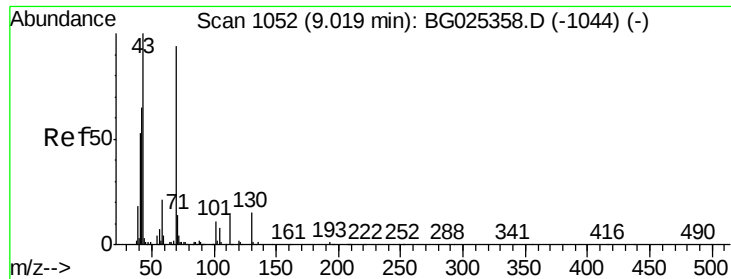
Tgt Ion:	107	Resp:	13822
Ion Ratio	Lower	Upper	
107	100		
108	88.9	85.6	128.4
77	39.1	51.4	77.2#
79	50.4	49.2	73.8



#18
Hexachloroethane
Concen: 5.15 ng
RT: 9.30 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:	117	Resp:	7258
Ion Ratio	Lower	Upper	
117	100		
119	83.0	69.8	104.6
201	136.4	95.4	143.0

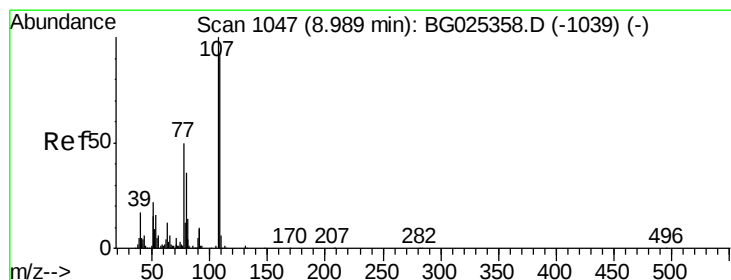
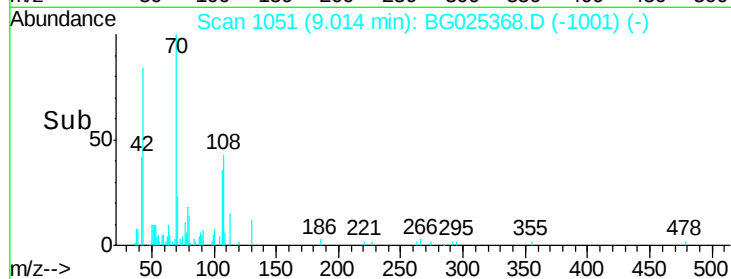
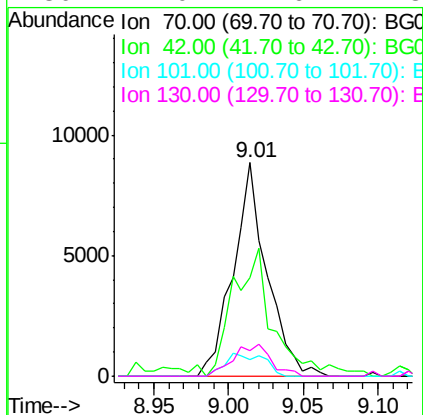
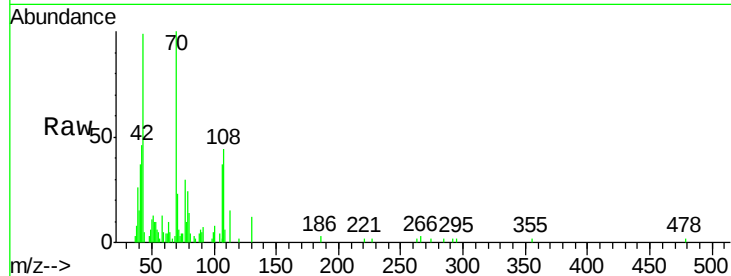




#19
n-Nitroso-di-n-propylamine
Concen: 4.50 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

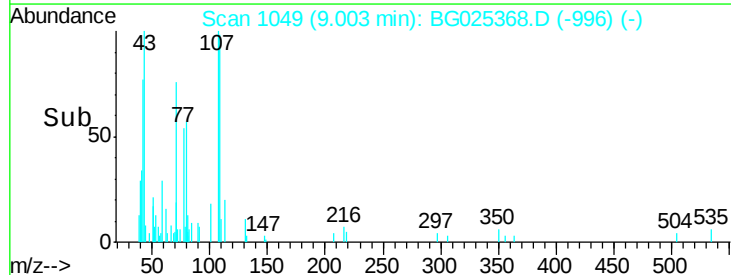
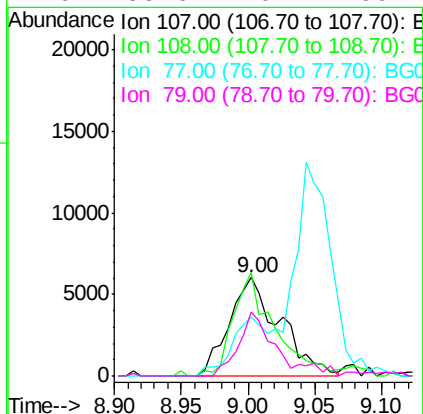
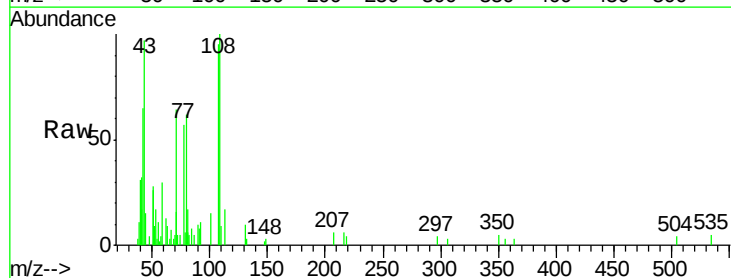
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

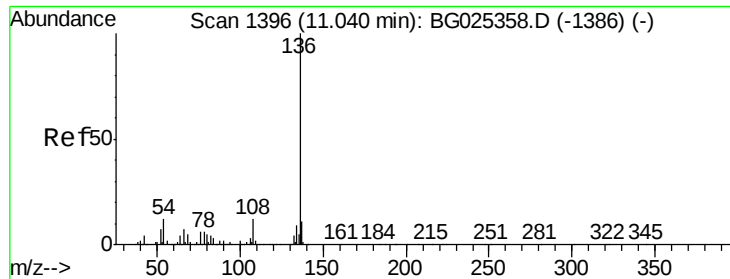
Tgt Ion: 70 Resp: 13889
Ion Ratio Lower Upper
70 100
42 45.9 56.1 84.1#
101 7.6 7.5 11.3
130 12.0 14.6 21.8#



#20
3+4-Methylphenols
Concen: 4.36 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion: 107 Resp: 16040
Ion Ratio Lower Upper
107 100
108 105.1 70.8 110.8
77 60.1 25.8 65.8
79 65.6 20.1 60.1#

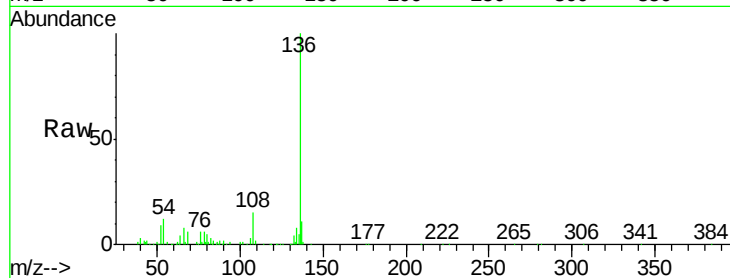




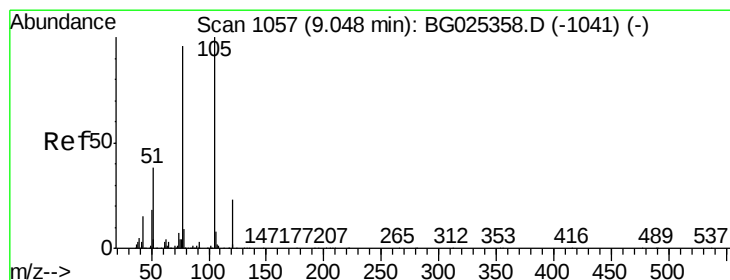
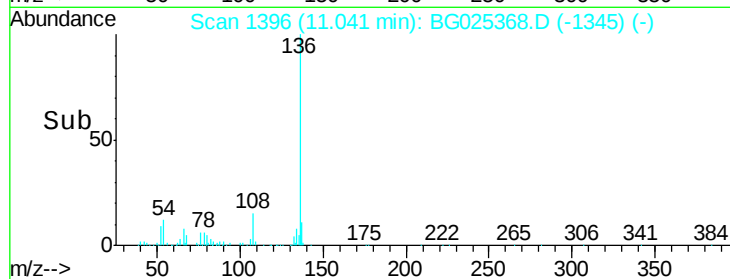
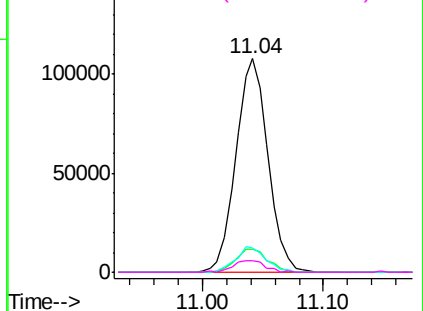
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tgt Ion:	136	Resp:	198412
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.7	9.3	13.9
68	5.6	5.1	7.7

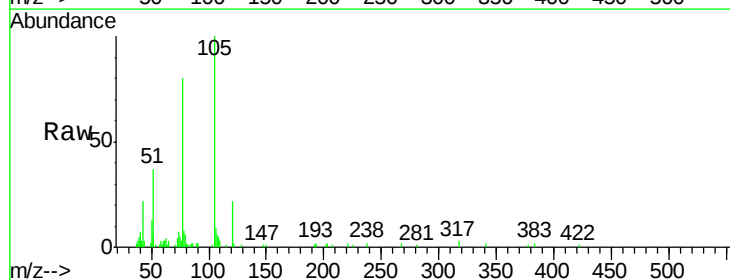


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

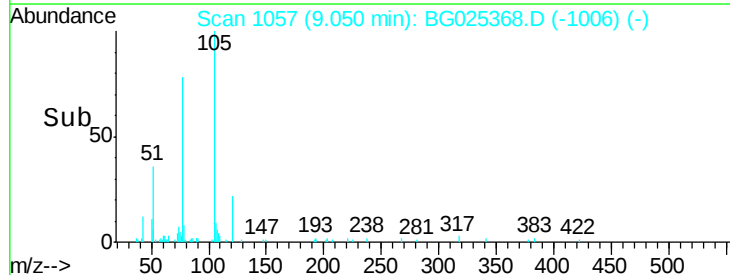
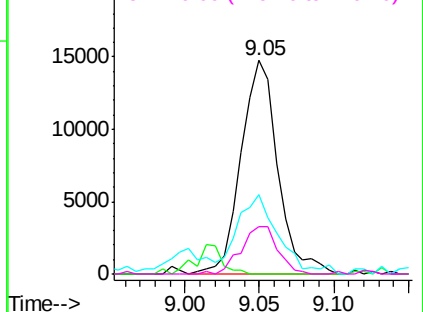


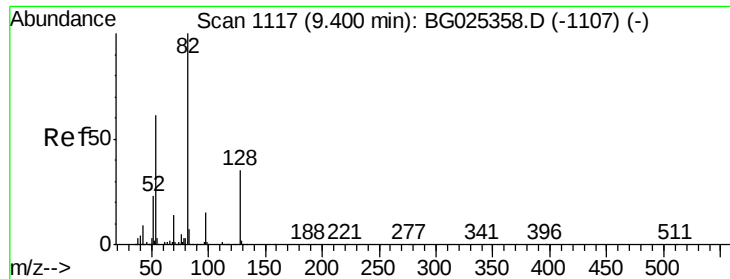
#22
Acetophenone
Concen: 4.57 ng
RT: 9.05 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:	105	Resp:	25206
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	37.1	34.0	51.0
120	22.3	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

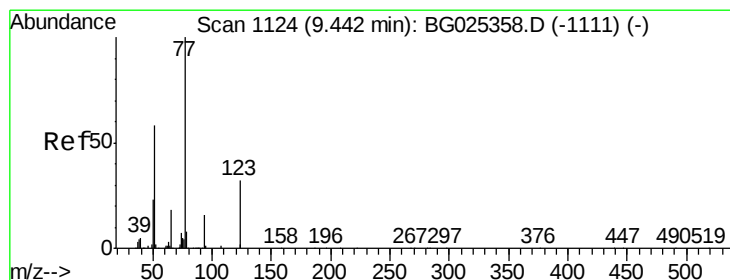
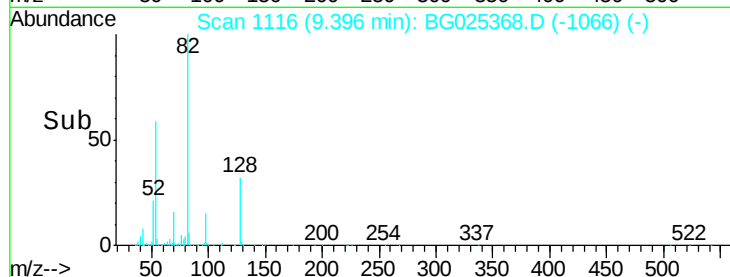
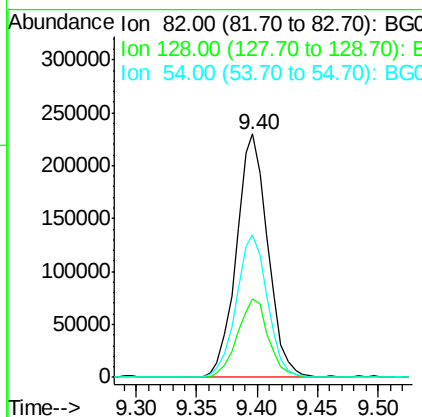
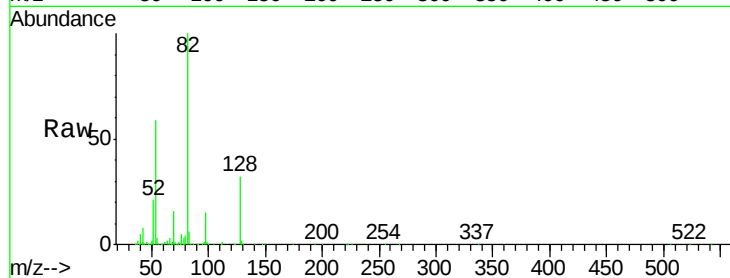




#23
 Nitrobenzene-d5
 Concen: 92.72 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

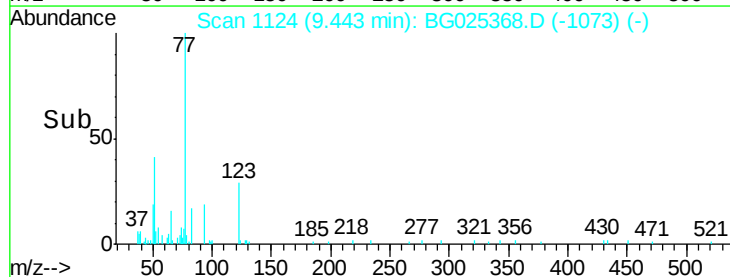
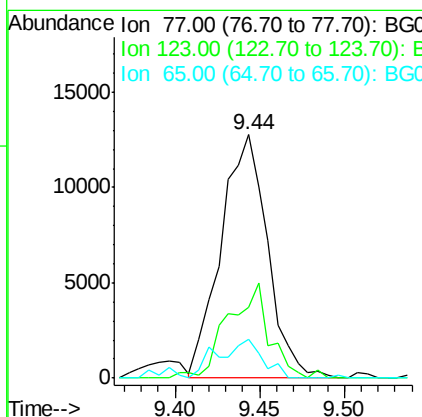
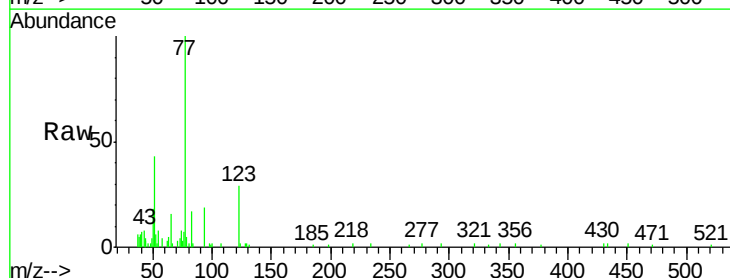
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

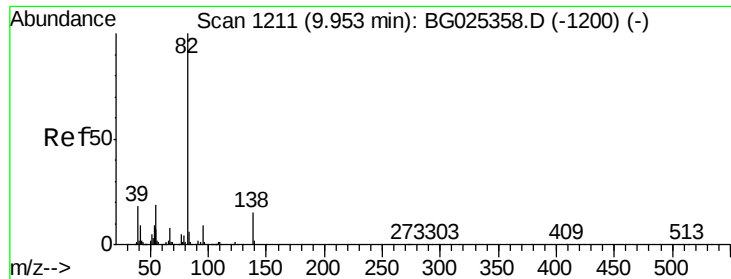
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.0	26.4	39.6
54	58.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 4.98 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	28.9	26.1	39.1
65	16.2	12.4	18.6





#25

Isophorone

Concen: 4.56 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

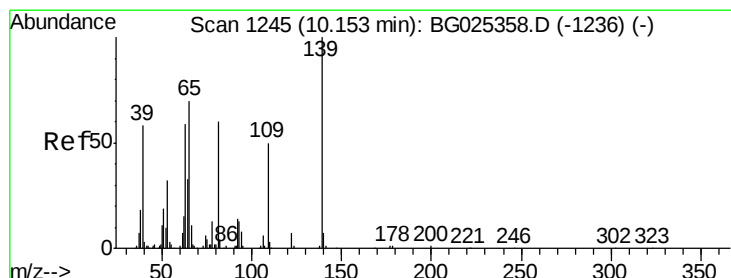
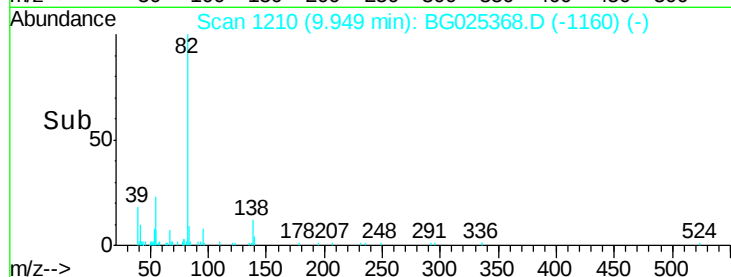
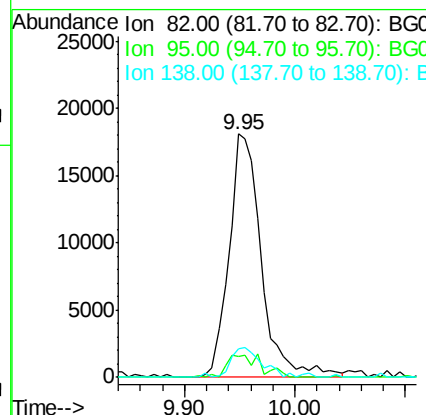
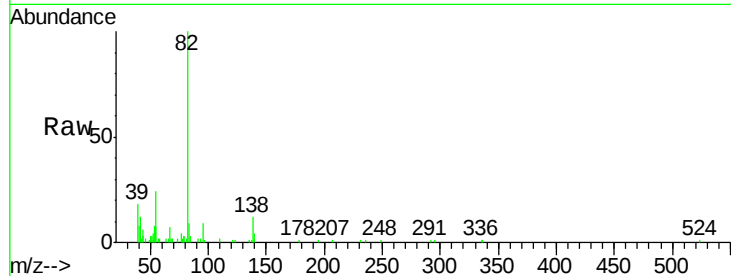
Tgt Ion: 82 Resp: 37090

Ion Ratio Lower Upper

82 100

95 8.8 7.5 11.3

138 11.8 12.3 18.5#



#26

2-Nitrophenol

Concen: 4.08 ng

RT: 10.16 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

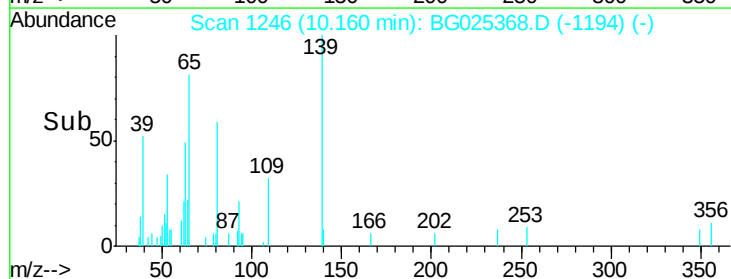
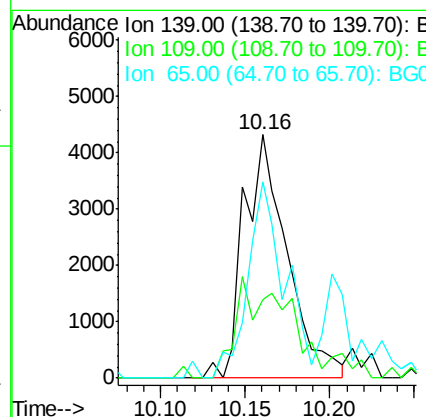
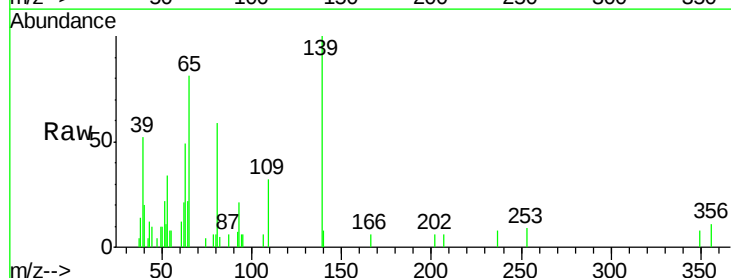
Tgt Ion: 139 Resp: 7680

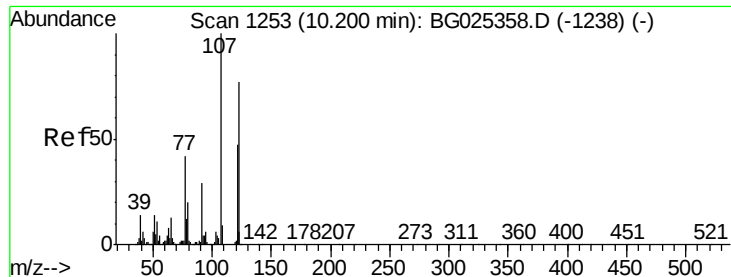
Ion Ratio Lower Upper

139 100

109 32.4 38.6 58.0#

65 80.7 57.1 85.7

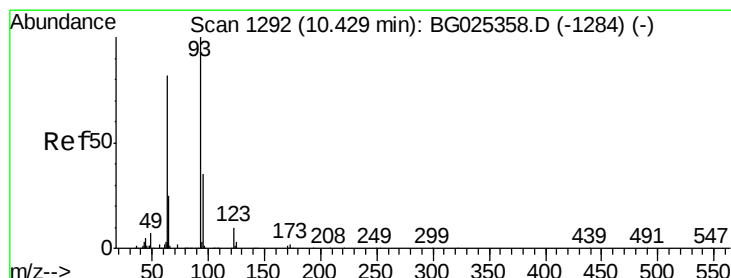
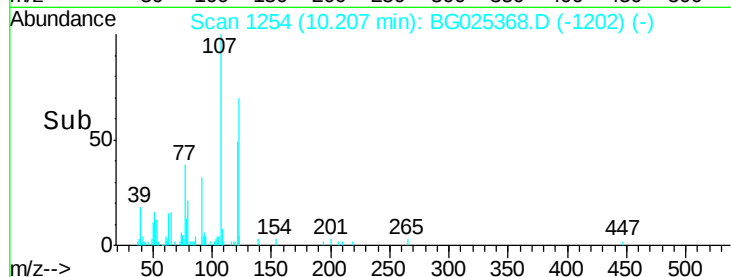
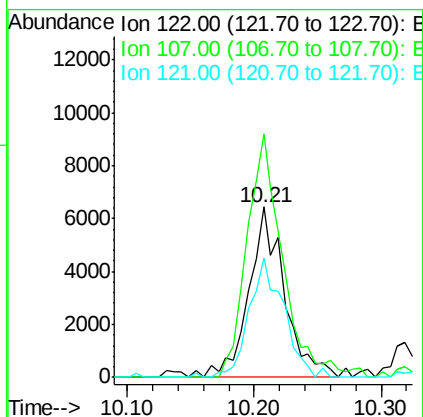
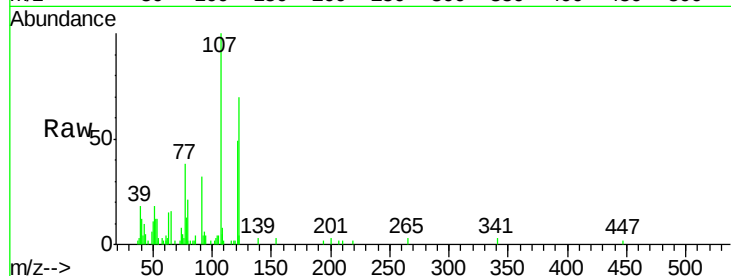




#27
 2,4-Dimethylphenol
 Concen: 4.06 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

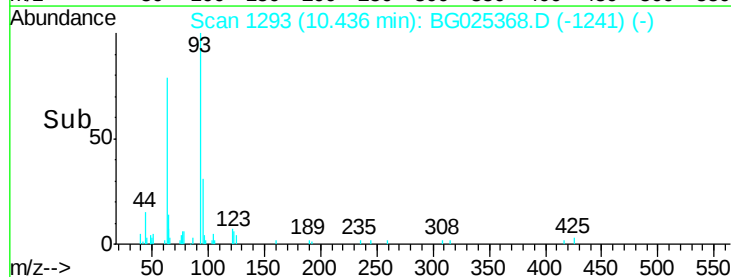
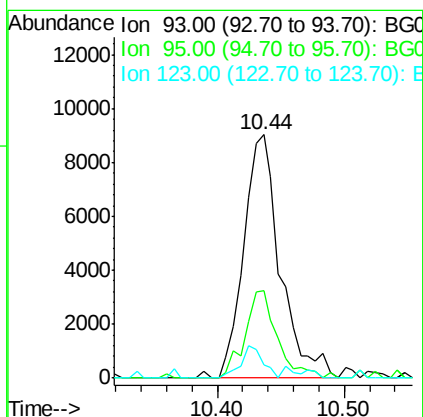
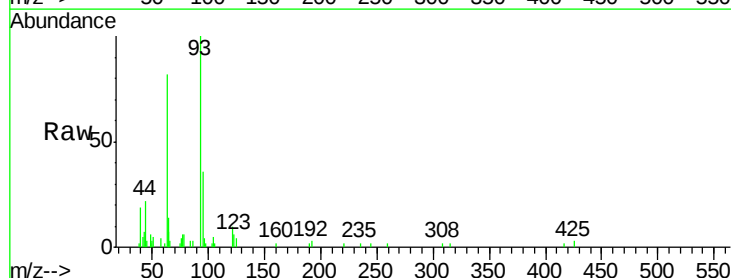
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

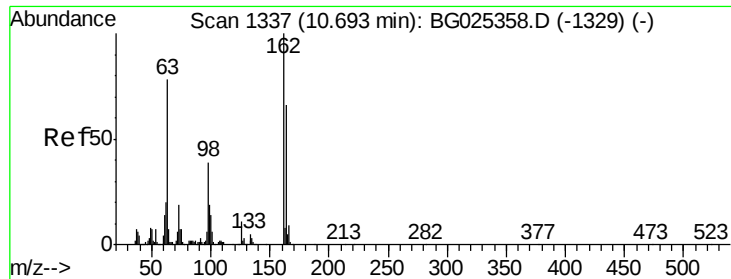
Tgt Ion: 122 Resp: 12578
 Ion Ratio Lower Upper
 122 100
 107 143.2 104.2 156.4
 121 70.6 46.0 69.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.28 ng
 RT: 10.44 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion: 93 Resp: 18070
 Ion Ratio Lower Upper
 93 100
 95 35.8 25.7 38.5
 123 5.6 8.3 12.5#

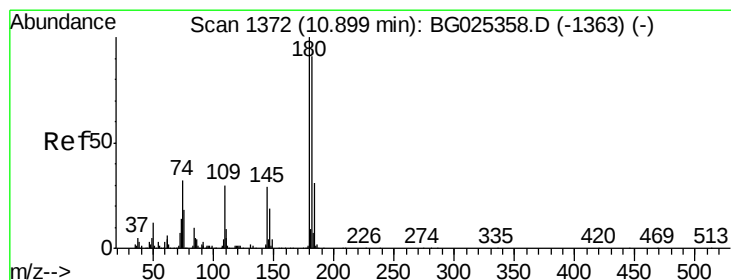
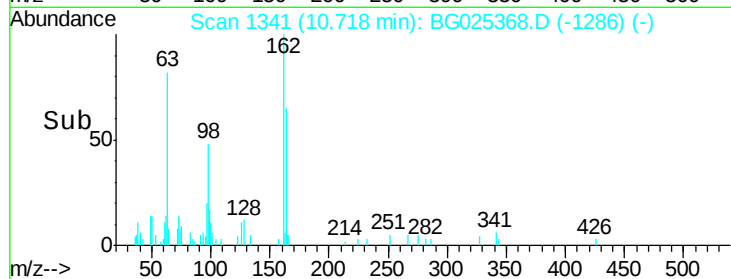
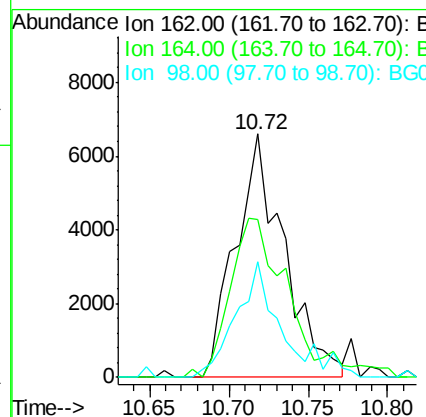
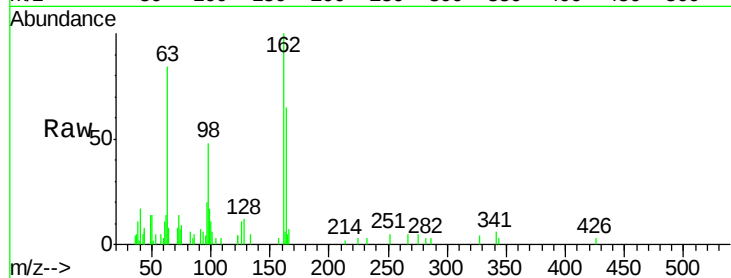




#29
 2,4-Dichlorophenol
 Concen: 4.25 ng
 RT: 10.72 min Scan# 1341
 Delta R.T. 0.03 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

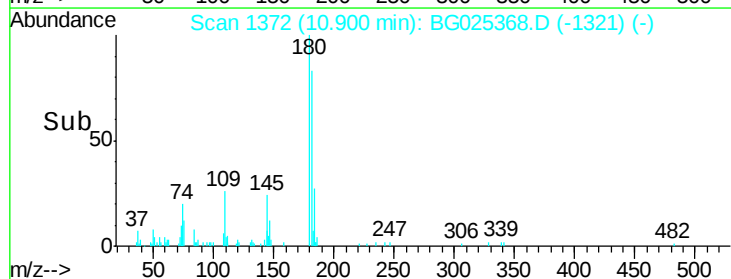
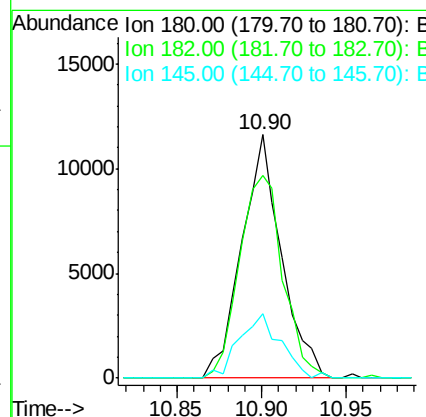
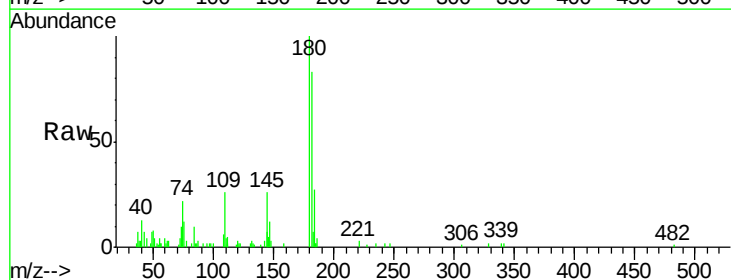
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

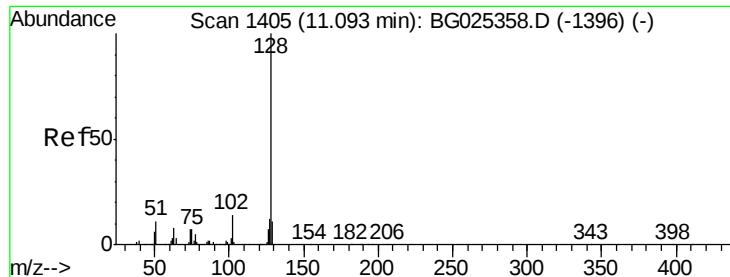
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.4	82.4
98	47.7	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 4.75 ng
 RT: 10.90 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.5	77.0	115.4
145	26.3	23.4	35.0





#31

Naphthalene

Concen: 4.74 ng

RT: 11.09 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

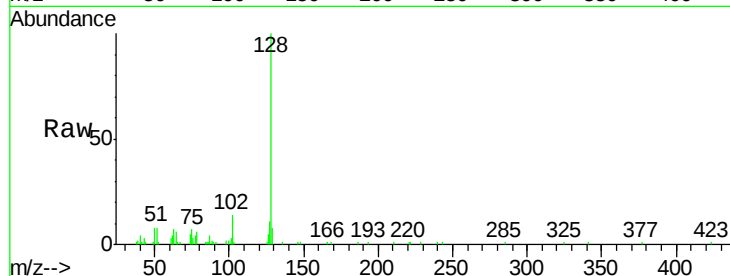
Tgt Ion:128 Resp: 46956

Ion Ratio Lower Upper

128 100

129 8.2 9.3 13.9#

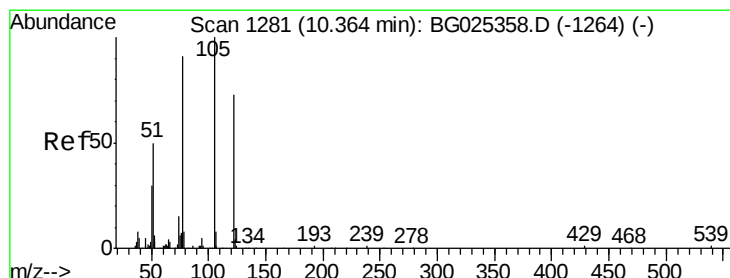
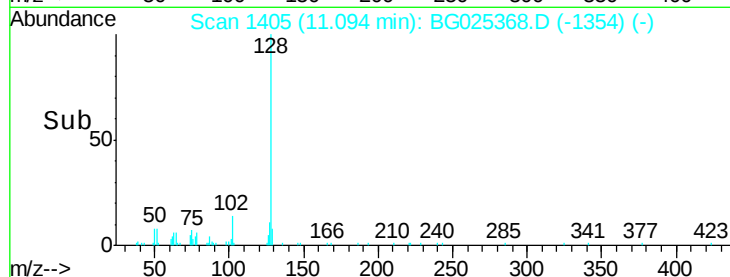
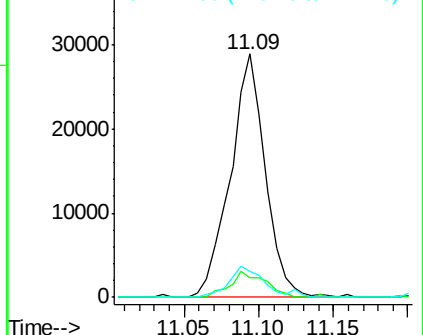
127 10.7 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.68 ng

RT: 10.32 min Scan# 1273

Delta R.T. -0.05 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

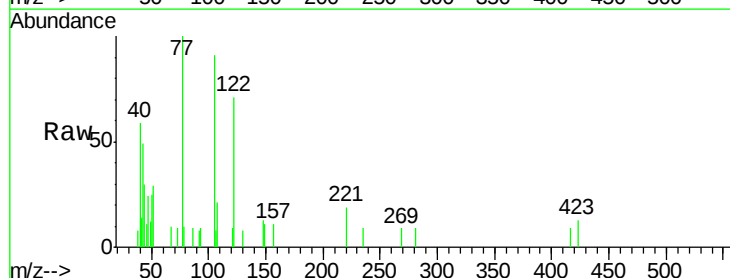
Tgt Ion:122 Resp: 1692

Ion Ratio Lower Upper

122 100

105 127.5 120.1 160.1

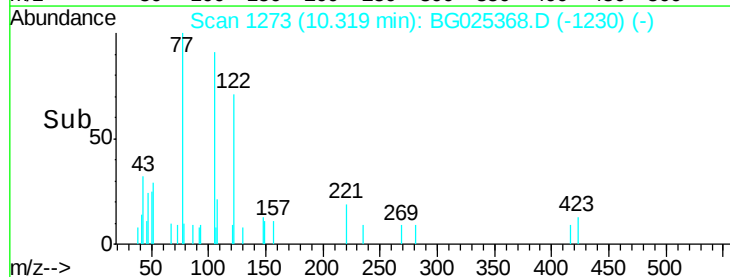
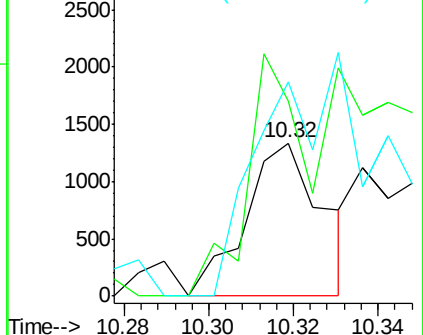
77 140.2 104.6 144.6

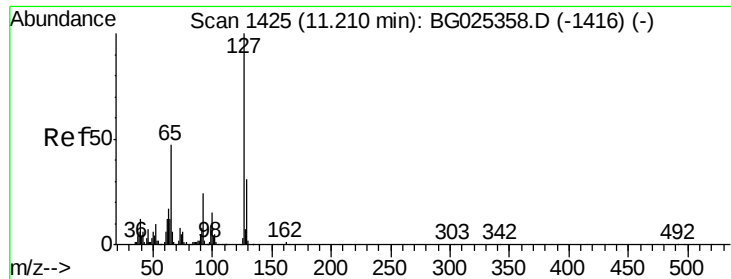


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

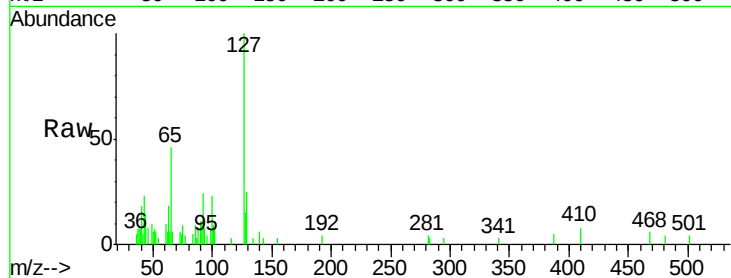




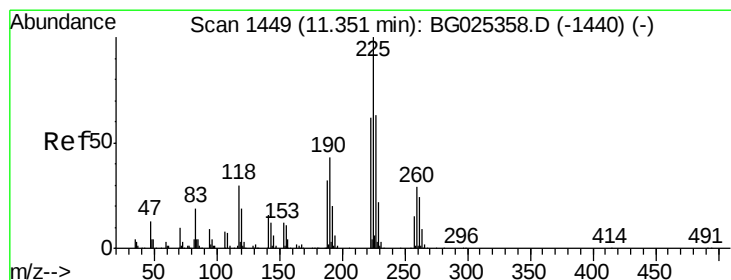
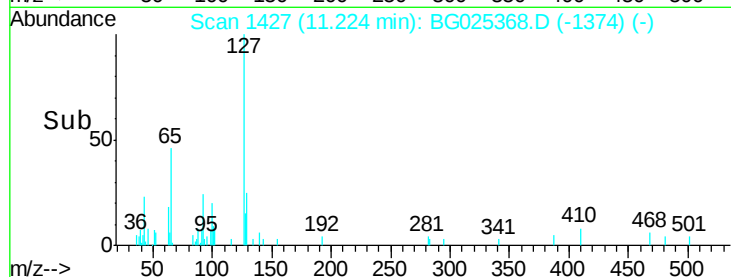
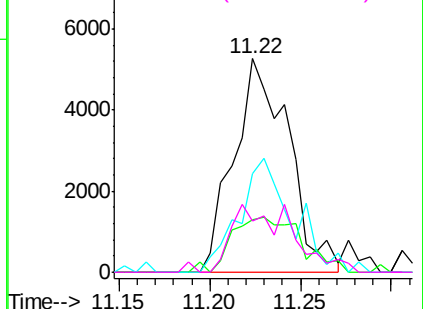
#33
4-Chloroaniline
Concen: 2.65 ng
RT: 11.22 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tgt Ion:	127	Resp:	11050
Ion	Ratio	Lower	Upper
127	100		
129	24.7	23.6	35.4
65	45.9	37.7	56.5
92	23.9	17.6	26.4

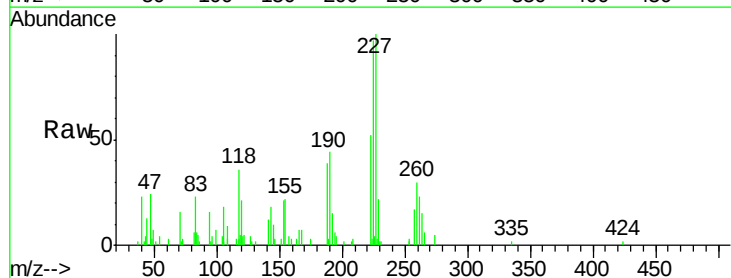


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

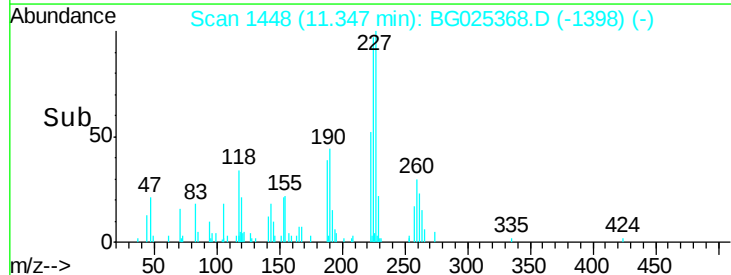
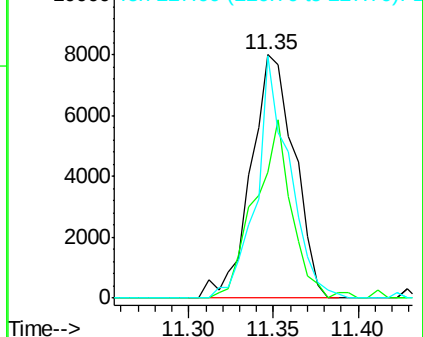


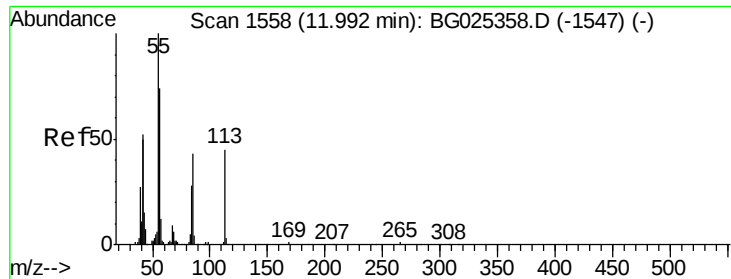
#34
Hexachlorobutadiene
Concen: 4.39 ng
RT: 11.35 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:	225	Resp:	14344
Ion	Ratio	Lower	Upper
225	100		
223	55.2	50.7	76.1
227	102.4	49.0	73.6#



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: 2.74 ng

RT: 11.99 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

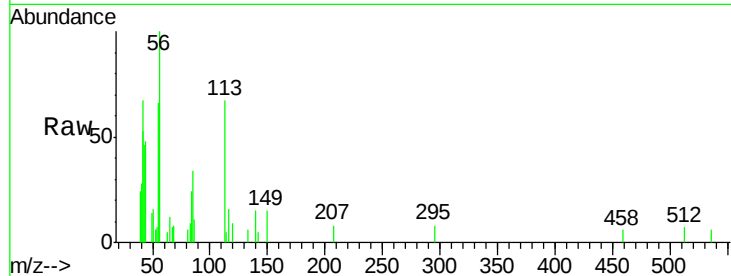
Tgt Ion:113 Resp: 3412

Ion Ratio Lower Upper

113 100

55 98.1 198.6 238.6#

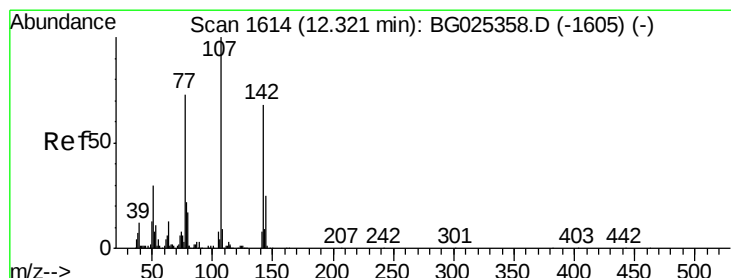
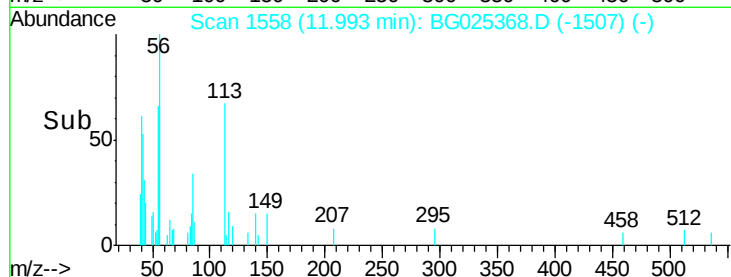
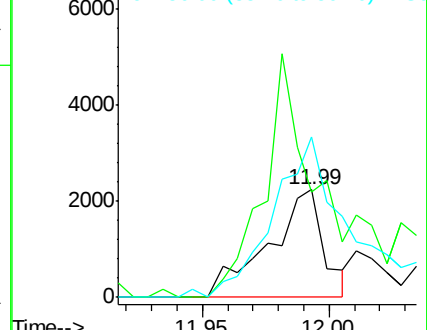
56 148.8 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 4.11 ng

RT: 12.33 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

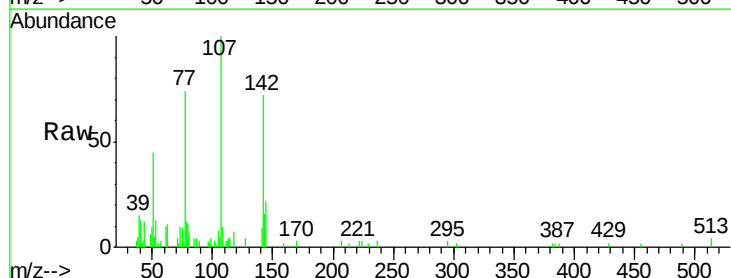
Tgt Ion:107 Resp: 16824

Ion Ratio Lower Upper

107 100

144 22.1 17.4 26.0

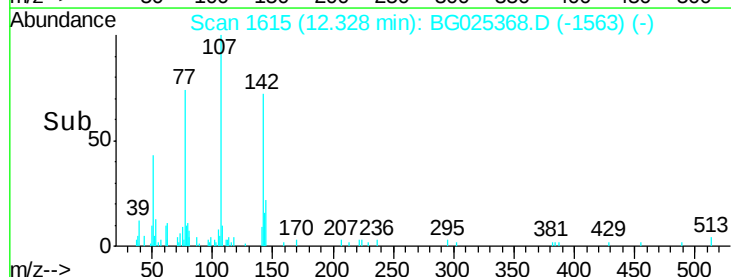
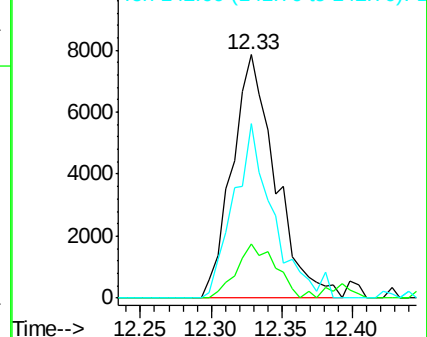
142 71.9 54.1 81.1

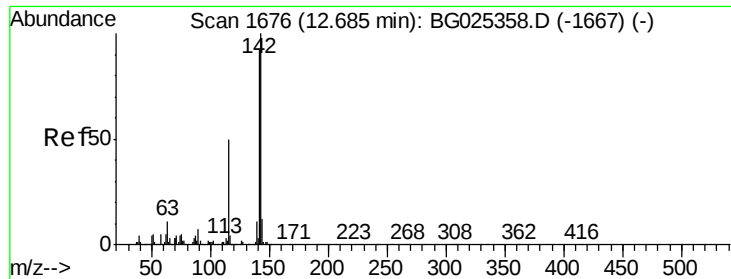


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

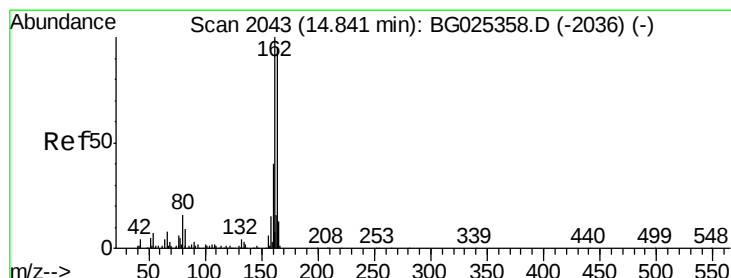
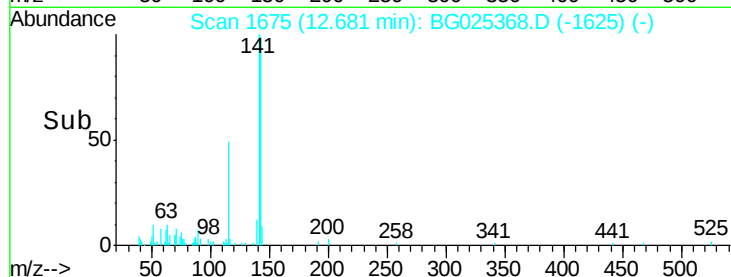
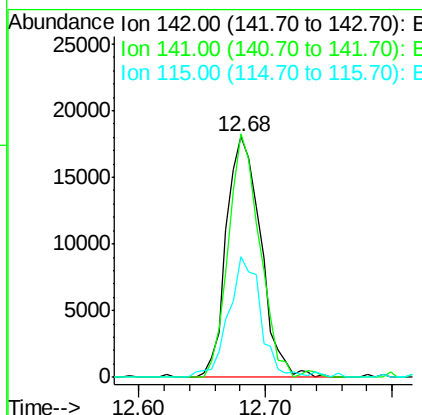
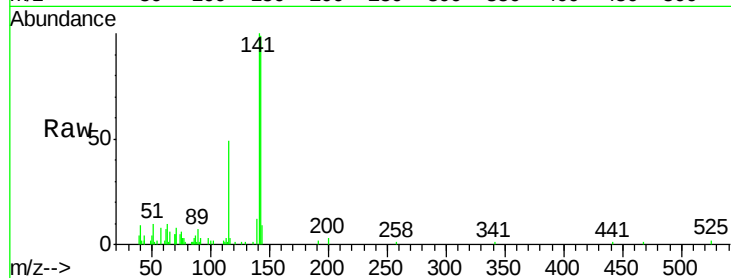




#37
2-Methylnaphthalene
Concen: 4.62 ng
RT: 12.68 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

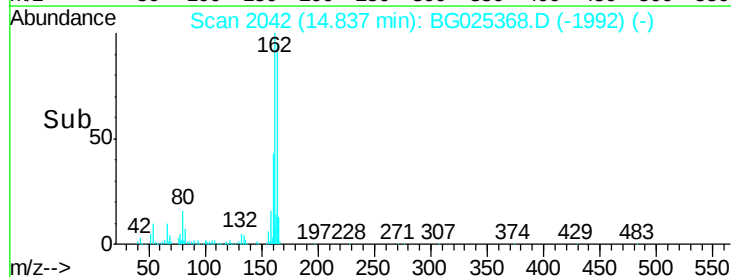
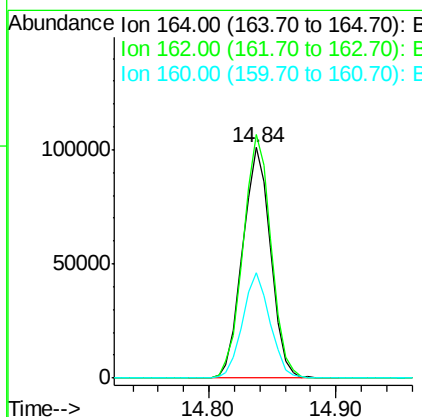
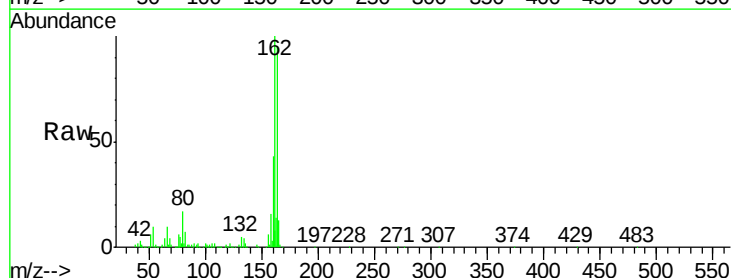
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

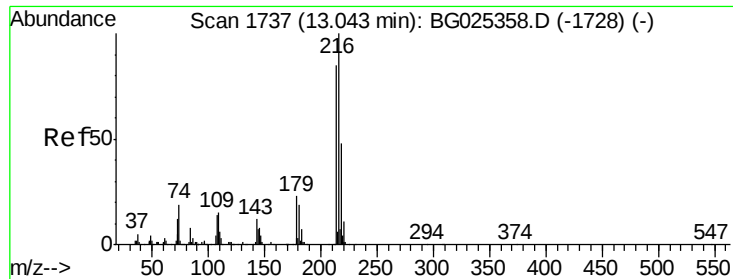
Tgt Ion:142 Resp: 33894
Ion Ratio Lower Upper
142 100
141 101.2 70.4 105.6
115 50.1 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:164 Resp: 154510
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 45.6 34.7 52.1

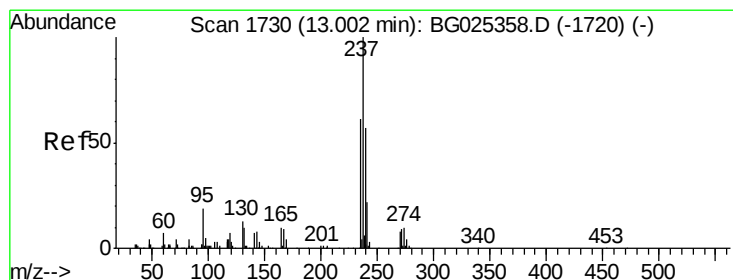
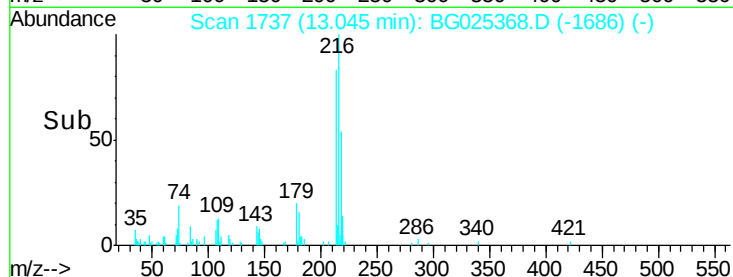
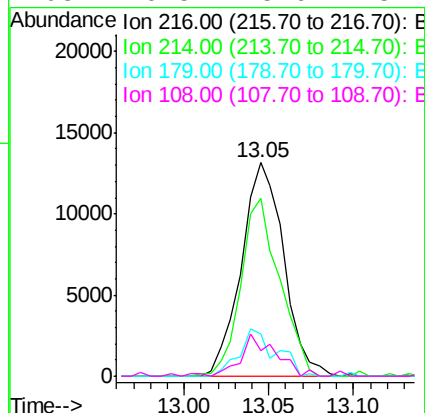
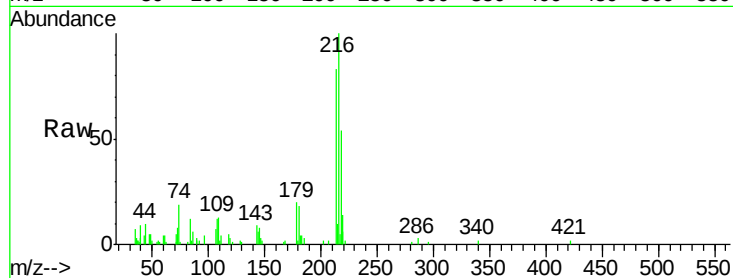




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.51 ng
 RT: 13.05 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

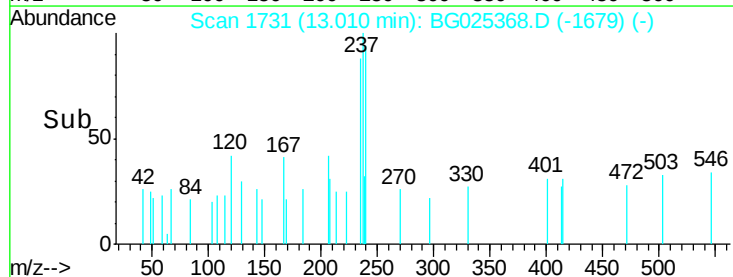
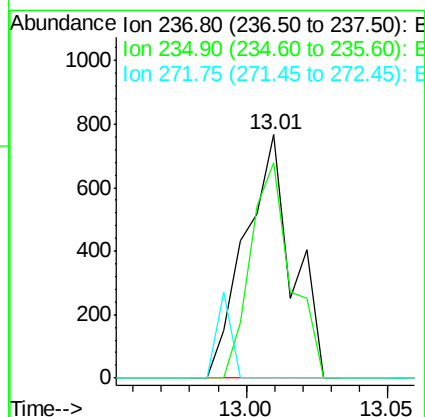
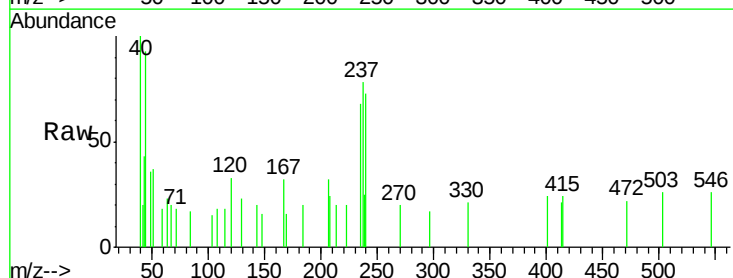
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

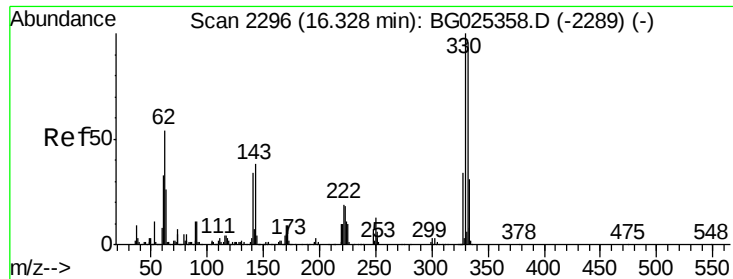
Tgt Ion:	216	Resp:	23029
Ion	Ratio	Lower	Upper
216	100		
214	76.2	64.4	96.6
179	19.1	17.4	26.0
108	16.5	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 8.94 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:	237	Resp:	891
Ion	Ratio	Lower	Upper
237	100		
235	88.3	39.4	79.4#
272	0.0	0.0	32.0

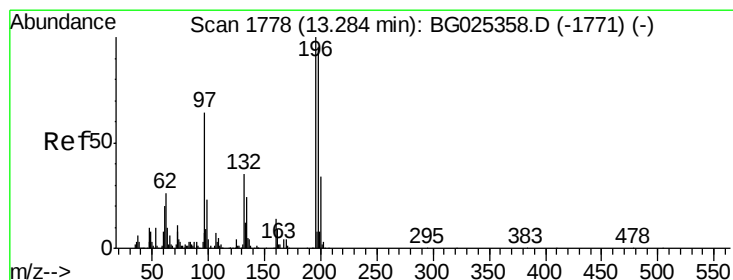
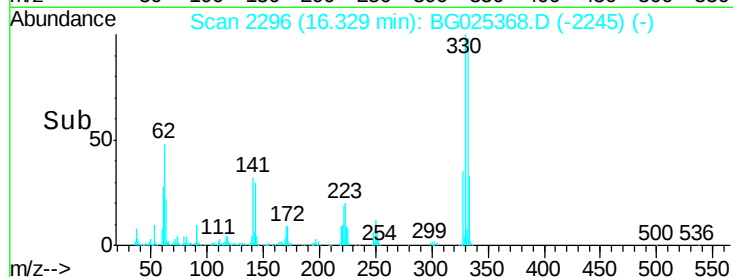
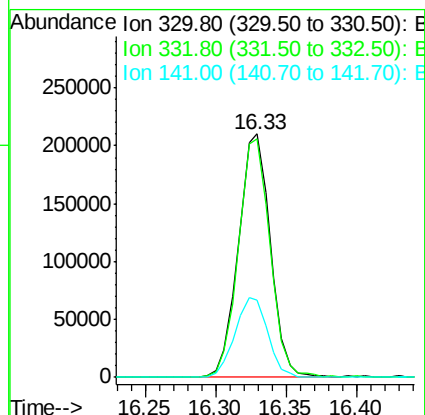
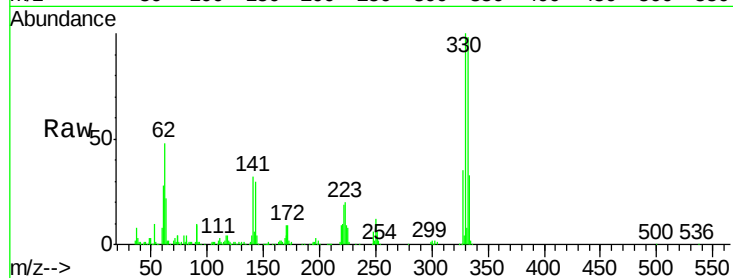




#41
2,4,6-Tribromophenol
Concen: 133.53 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

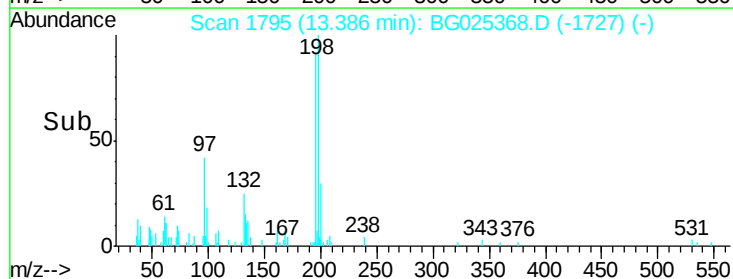
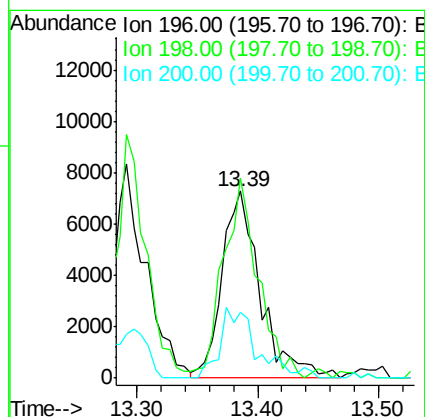
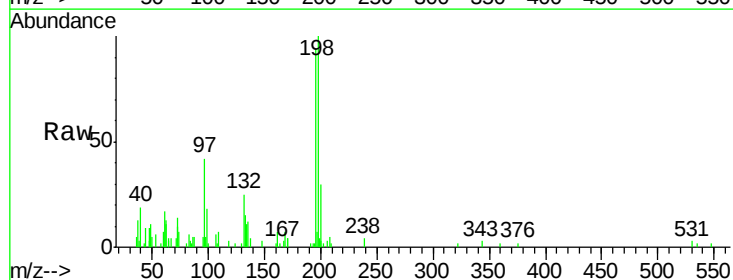
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

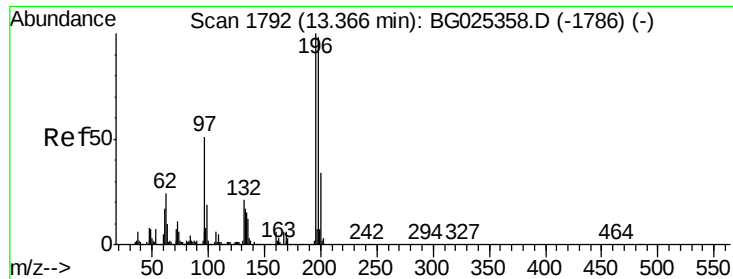
Tgt Ion:330 Resp: 332170
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 33.8 32.1 48.1



#42
2,4,6-Trichlorophenol
Concen: 4.99 ng
RT: 13.39 min Scan# 1795
Delta R.T. 0.10 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:196 Resp: 16030
Ion Ratio Lower Upper
196 100
198 106.9 81.4 122.2
200 34.9 27.0 40.6

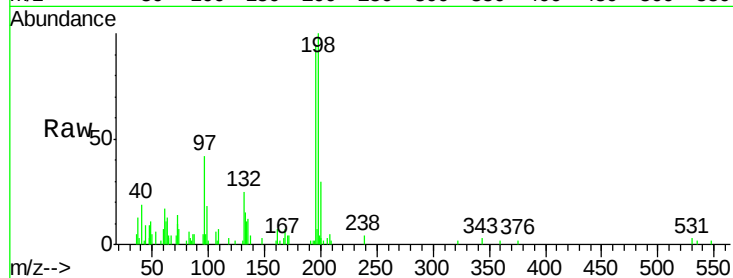




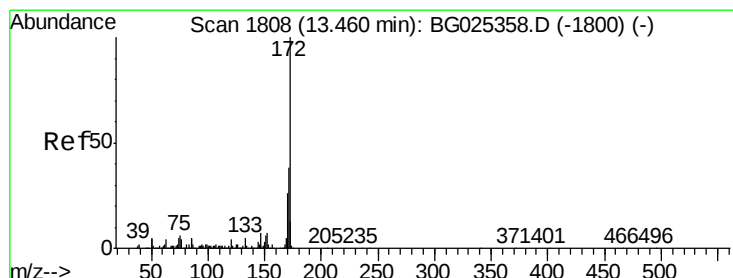
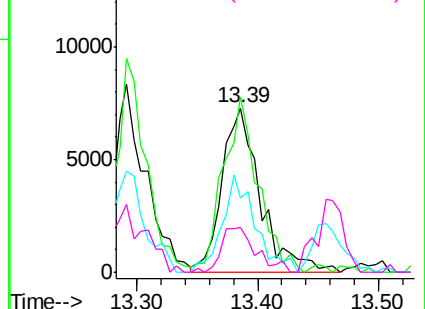
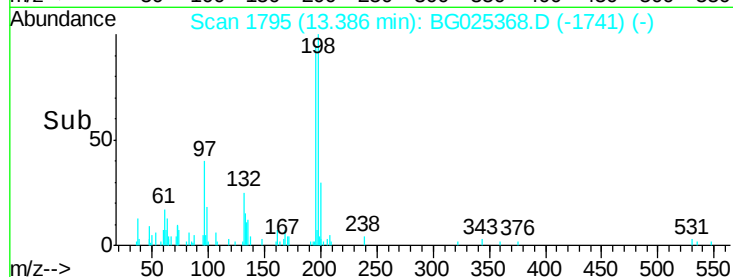
#43
2,4,5-Trichlorophenol
Concen: 4.77 ng
RT: 13.39 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tgt Ion:196 Resp: 16030
Ion Ratio Lower Upper
196 100
198 106.9 79.9 119.9
97 45.4 45.4 68.0
132 27.2 20.7 31.1

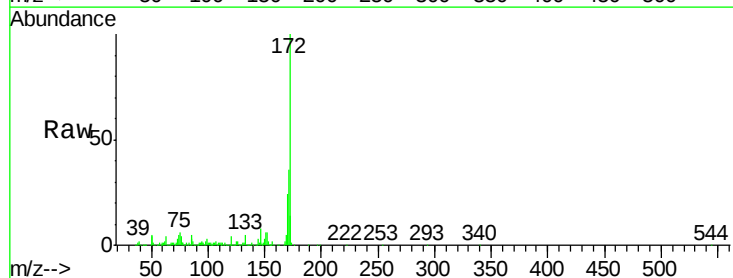


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

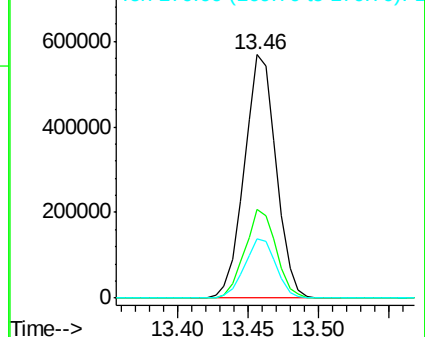
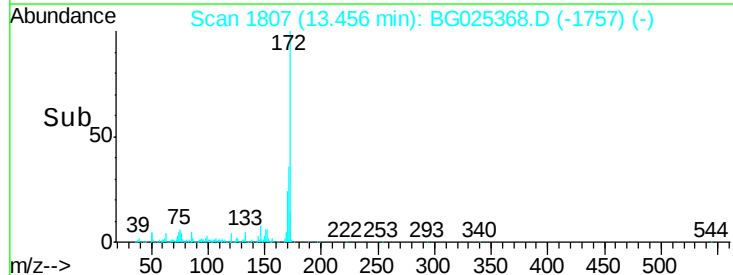


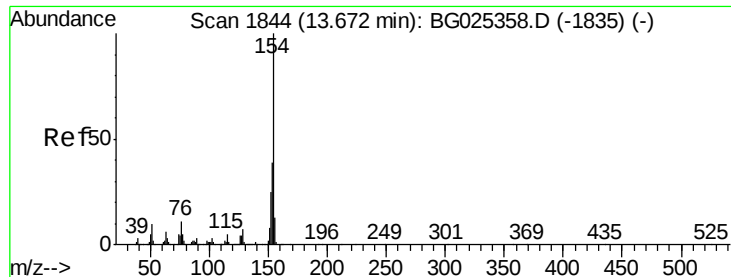
#44
2-Fluorobiphenyl
Concen: 93.50 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:172 Resp: 892367
Ion Ratio Lower Upper
172 100
171 36.4 32.2 48.2
170 24.5 21.8 32.6



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

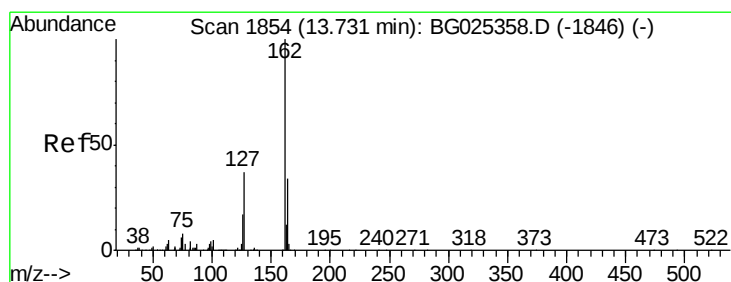
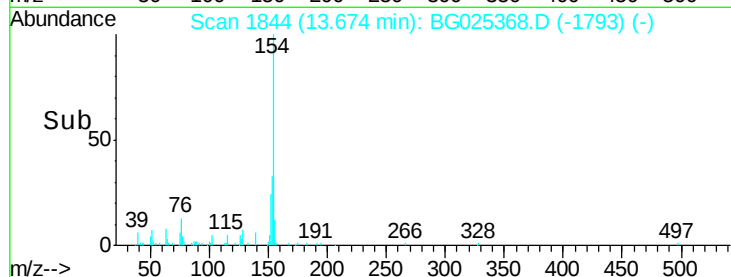
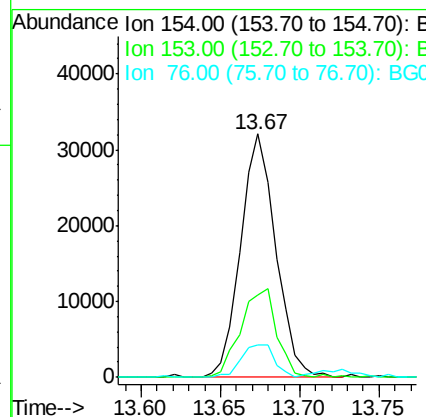
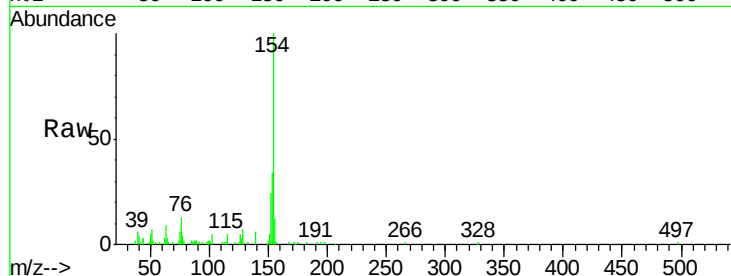




#45
 1,1'-Biphenyl
 Concen: 4.76 ng
 RT: 13.67 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

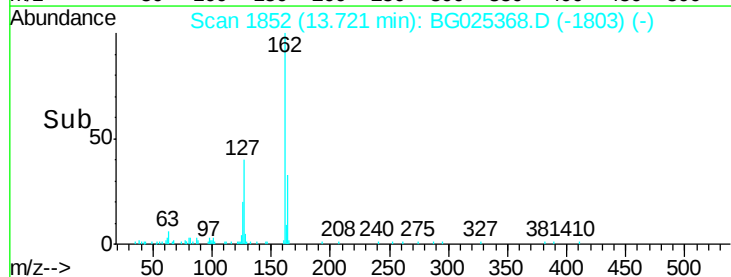
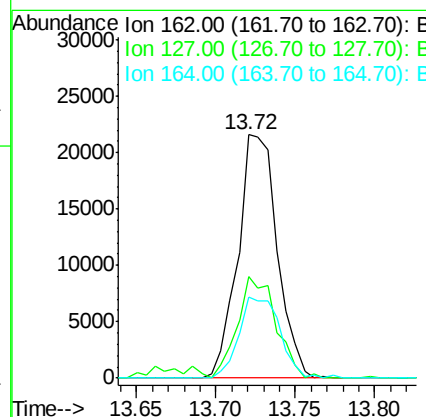
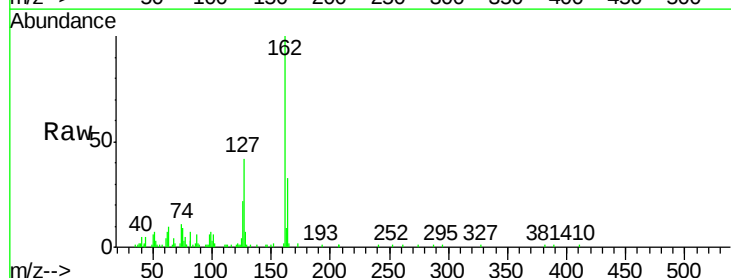
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

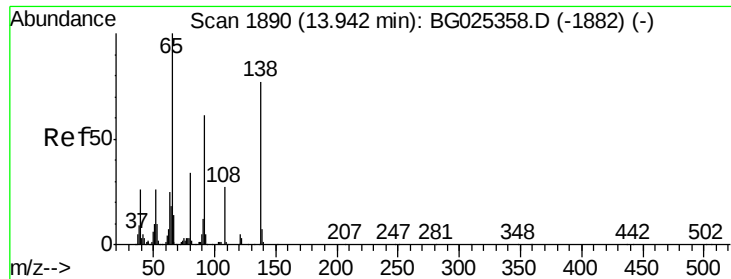
Tgt Ion	Ratio	Lower	Upper
154	100		
153	33.9	23.0	63.0
76	13.1	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 4.56 ng
 RT: 13.72 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.2	48.4
164	33.5	27.3	40.9





#47

2-Nitroaniline

Concen: 3.67 ng

RT: 13.95 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

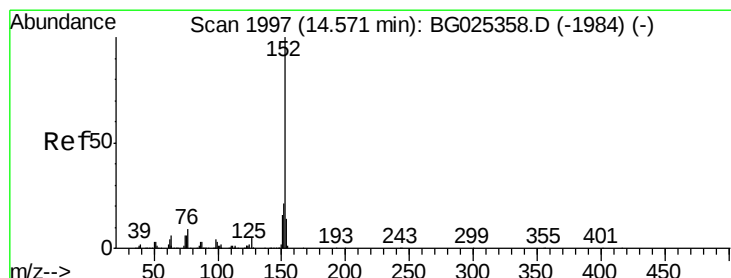
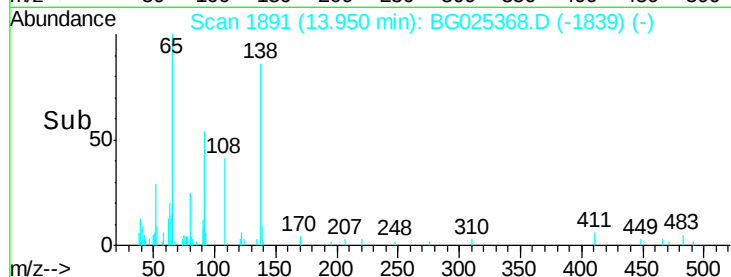
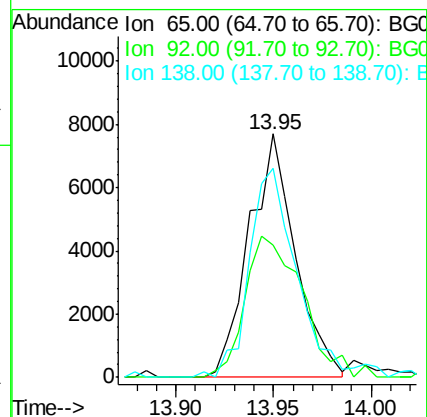
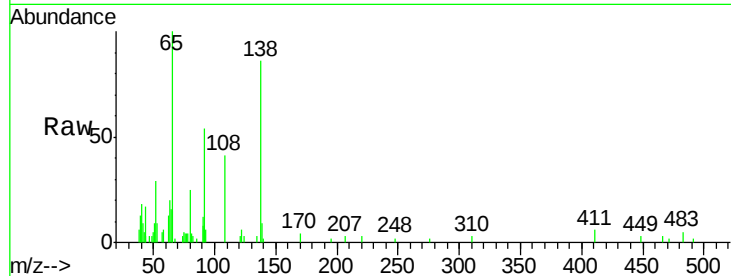
Tgt Ion: 65 Resp: 12593

Ion Ratio Lower Upper

65 100

92 54.2 49.0 73.4

138 85.7 58.6 87.8



#48

Acenaphthylene

Concen: 4.71 ng

RT: 14.57 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

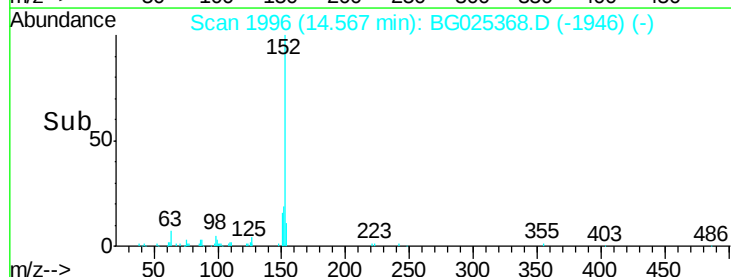
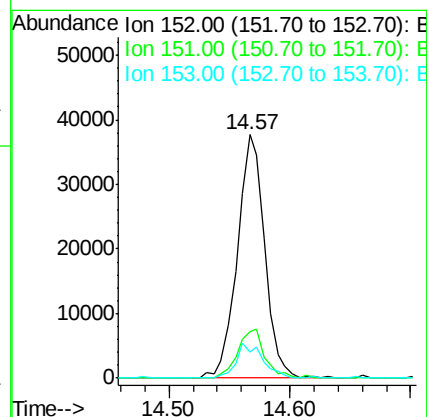
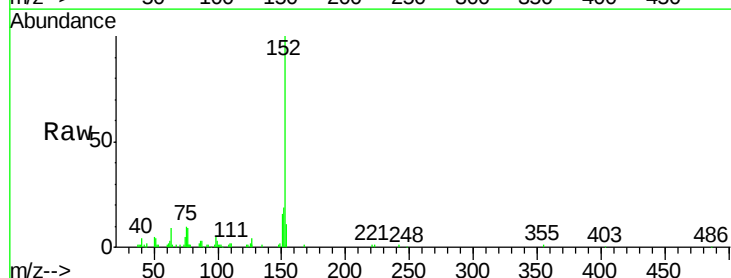
Tgt Ion: 152 Resp: 59232

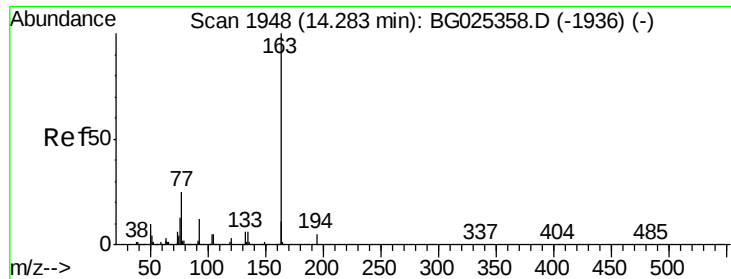
Ion Ratio Lower Upper

152 100

151 19.4 18.2 27.2

153 10.7 11.3 16.9#

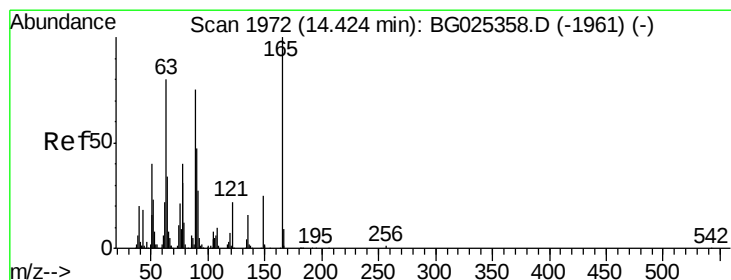
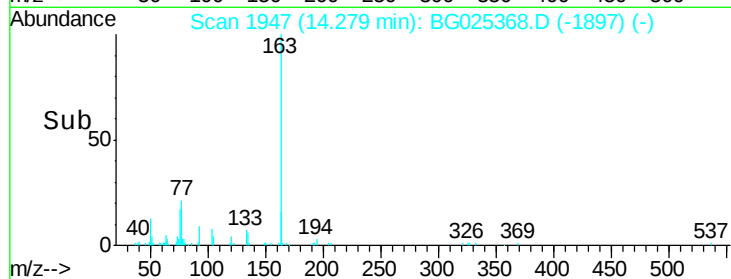
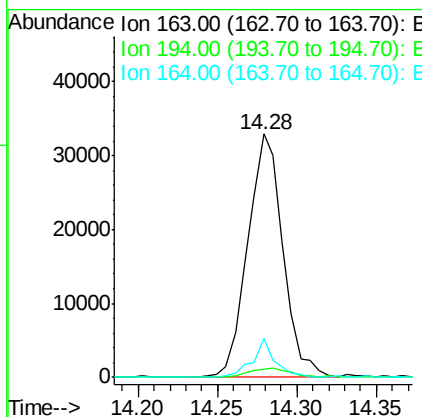
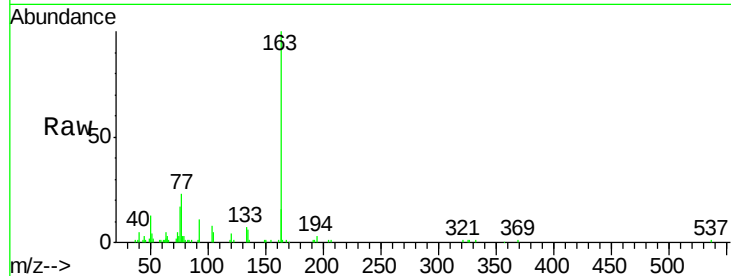




#49
Dimethylphthalate
Concen: 4.50 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

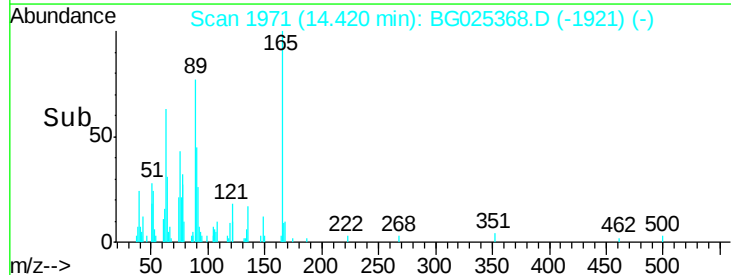
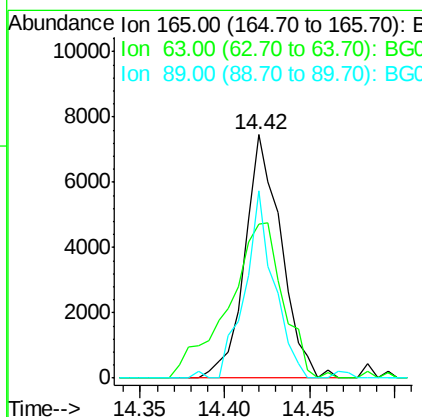
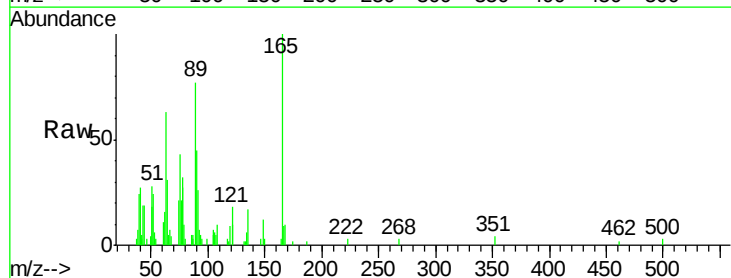
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

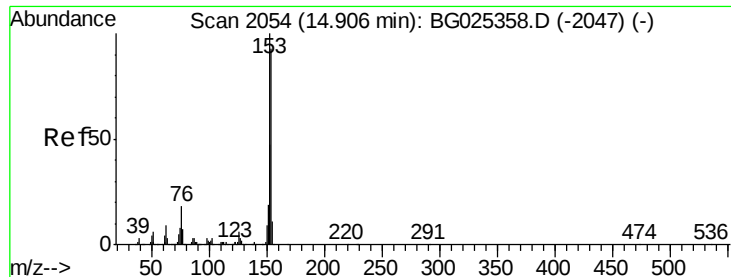
Tgt Ion:163 Resp: 50693
Ion Ratio Lower Upper
163 100
194 3.3 3.8 5.6#
164 15.9 9.3 13.9#



#50
2,6-Dinitrotoluene
Concen: 4.53 ng
RT: 14.42 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:165 Resp: 11145
Ion Ratio Lower Upper
165 100
63 63.2 63.9 95.9#
89 76.8 58.6 88.0





#51

Acenaphthene

Concen: 4.47 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

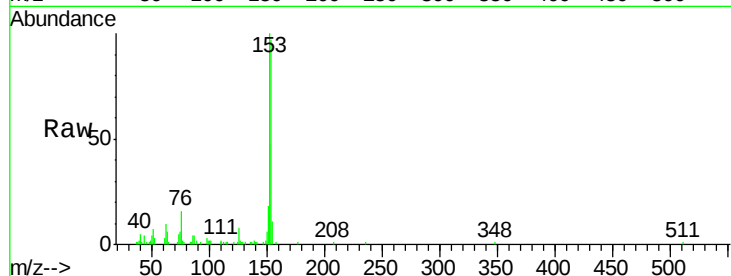
Tgt Ion:154 Resp: 36795

Ion Ratio Lower Upper

154 100

153 102.7 87.8 131.6

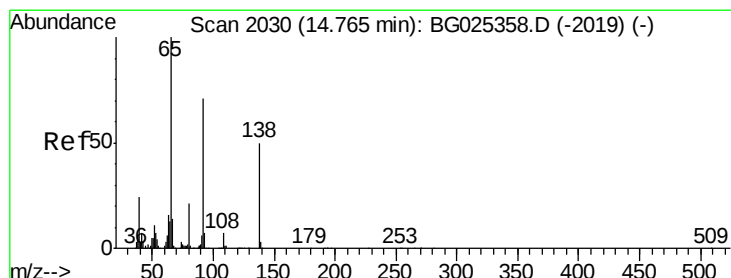
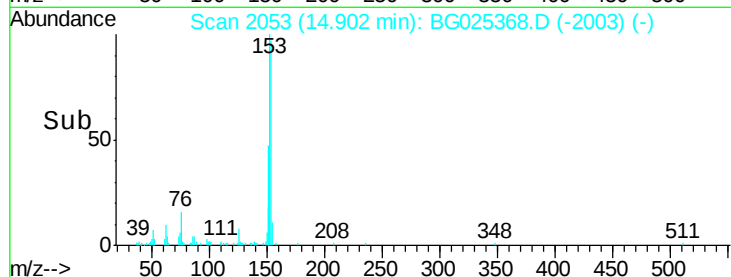
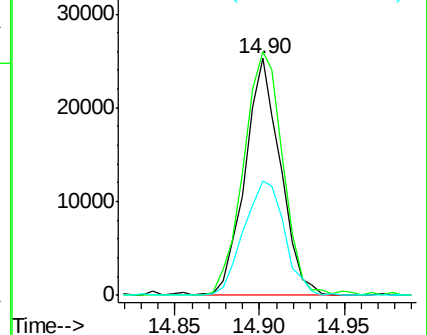
152 48.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.24 ng

RT: 14.77 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

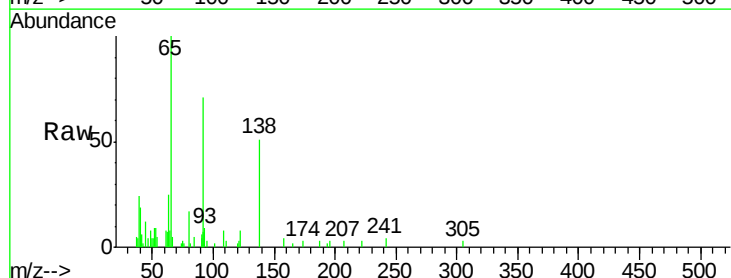
Tgt Ion:138 Resp: 7671

Ion Ratio Lower Upper

138 100

108 16.4 10.9 16.3#

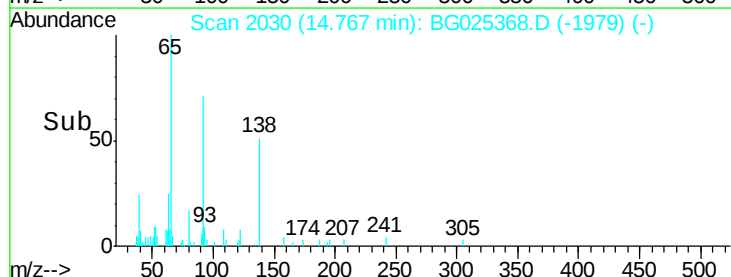
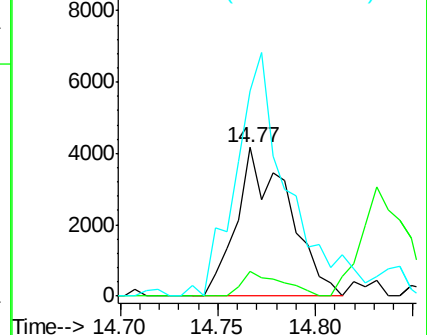
92 138.0 115.3 172.9

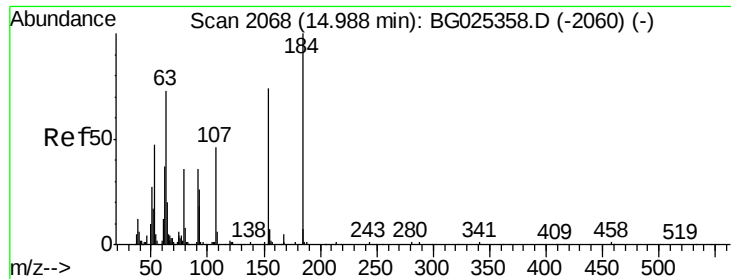


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 5.13 ng

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

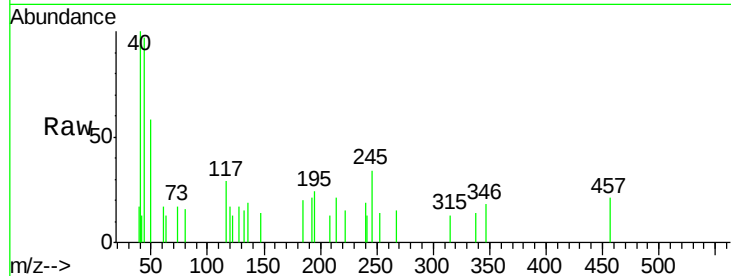
Tgt Ion:184 Resp: 86

Ion Ratio Lower Upper

184 100

63 65.8 52.7 79.1

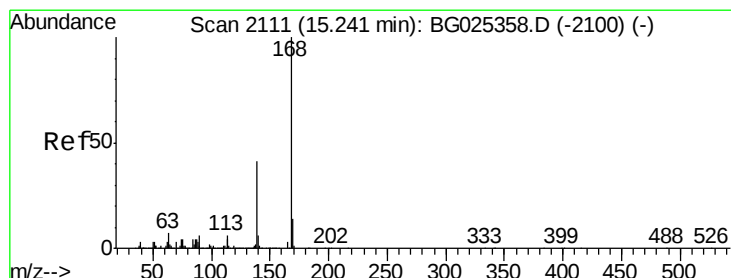
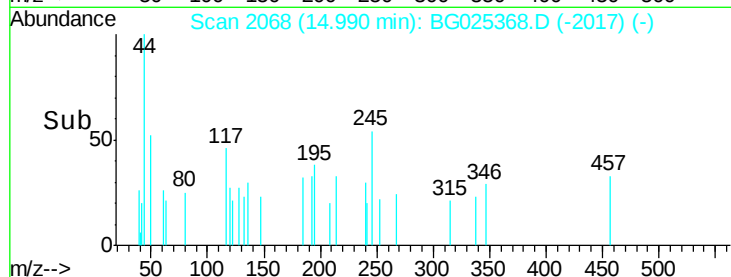
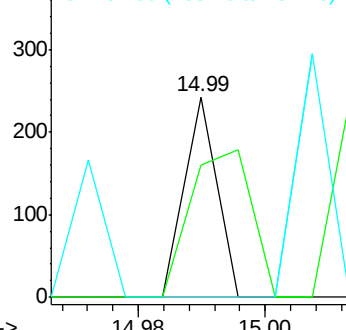
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 4.70 ng

RT: 15.24 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

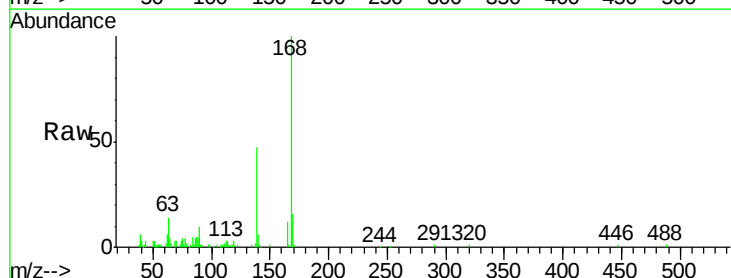
Tgt Ion:168 Resp: 61168

Ion Ratio Lower Upper

168 100

139 46.5 35.3 52.9

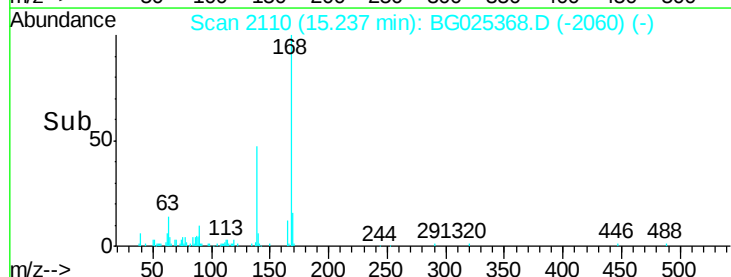
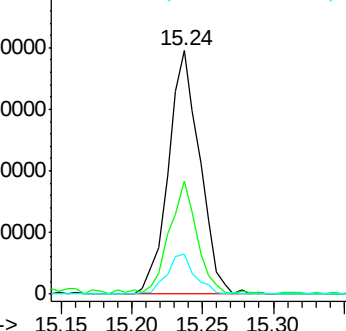
169 16.4 11.5 17.3

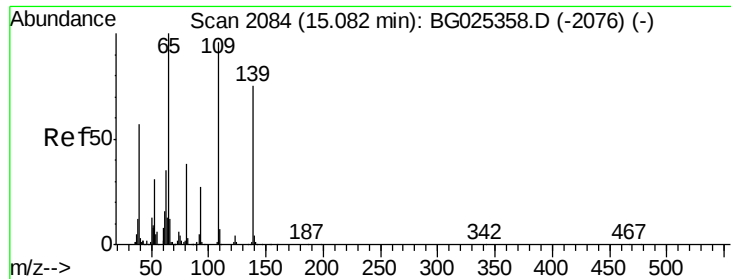


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

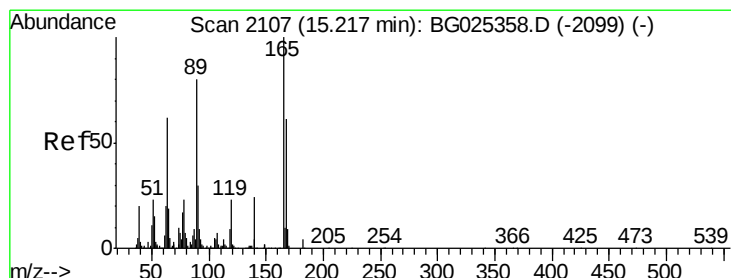
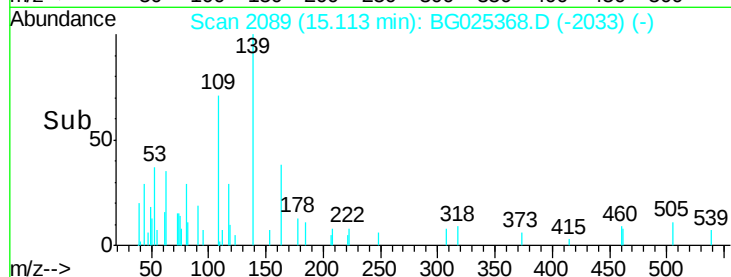
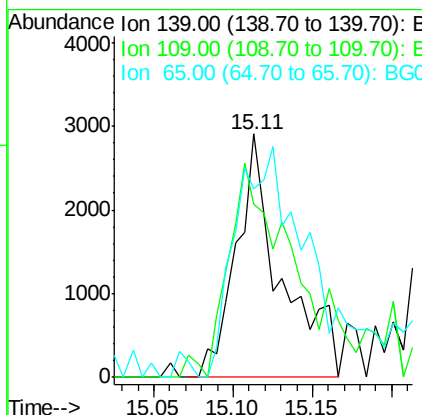
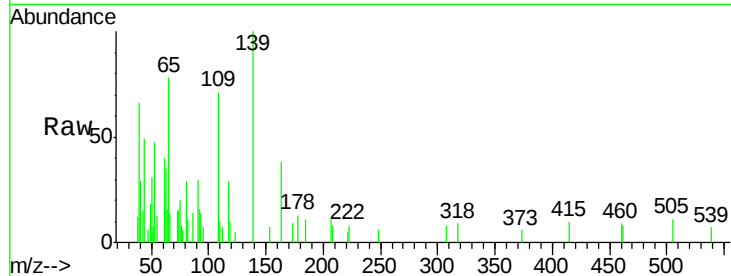




#55
4-Nitrophenol
Concen: 3.19 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.03 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

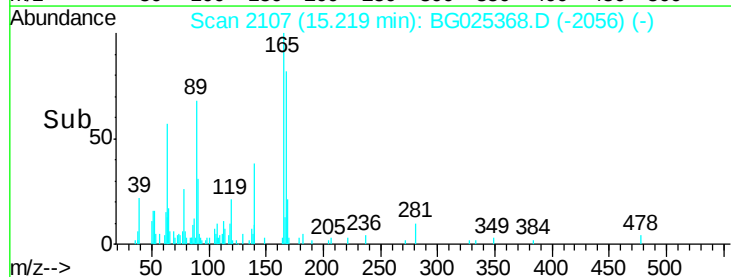
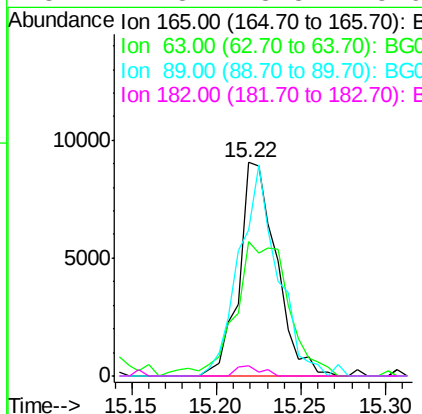
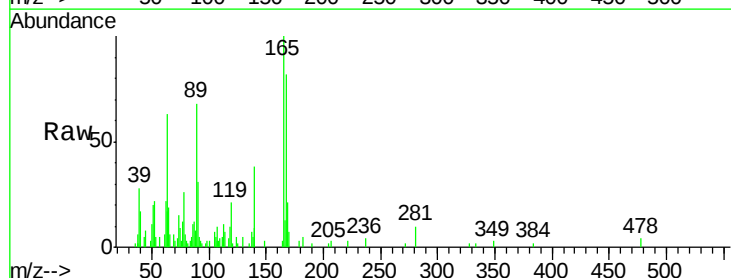
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

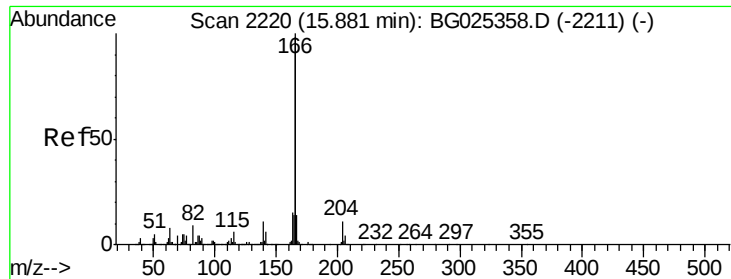
Tgt Ion:139 Resp: 5642
Ion Ratio Lower Upper
139 100
109 71.3 101.2 141.2#
65 77.7 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 3.87 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:165 Resp: 13871
Ion Ratio Lower Upper
165 100
63 62.8 44.0 66.0
89 68.4 67.3 100.9
182 4.8 3.8 5.6

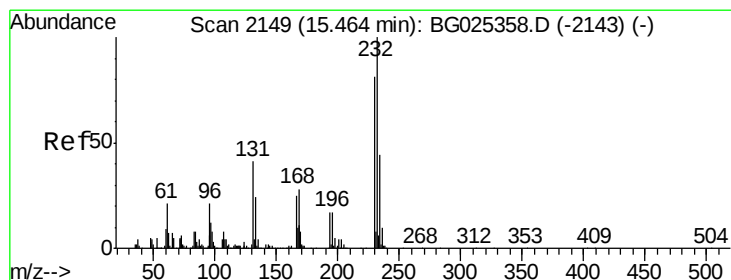
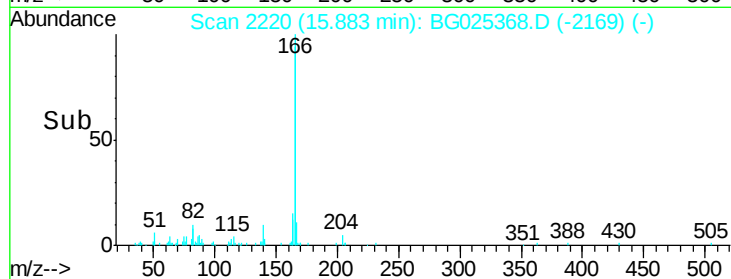
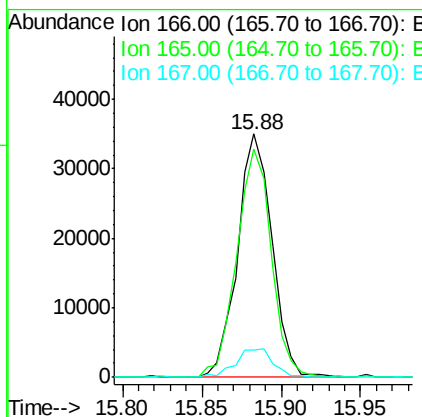
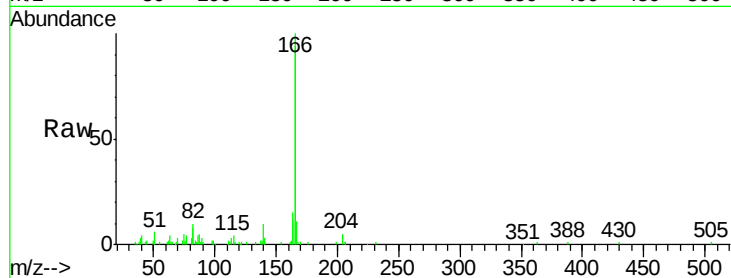




#57
 Fluorene
 Concen: 4.86 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

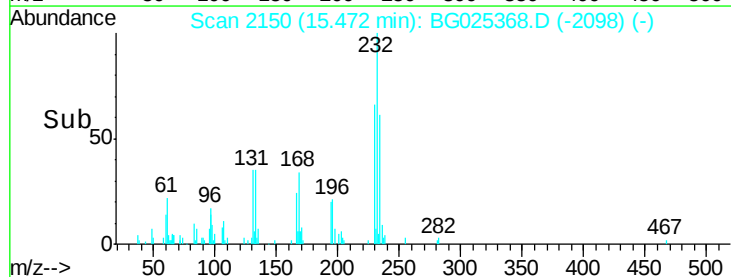
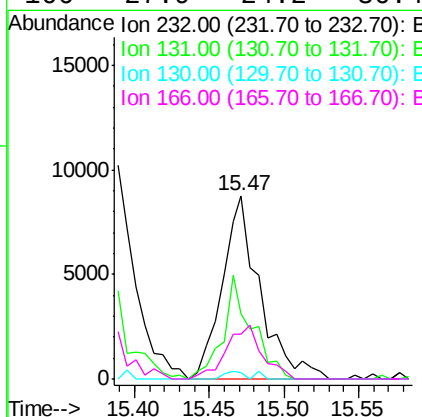
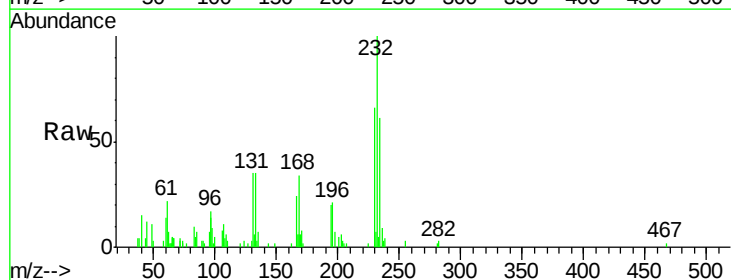
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

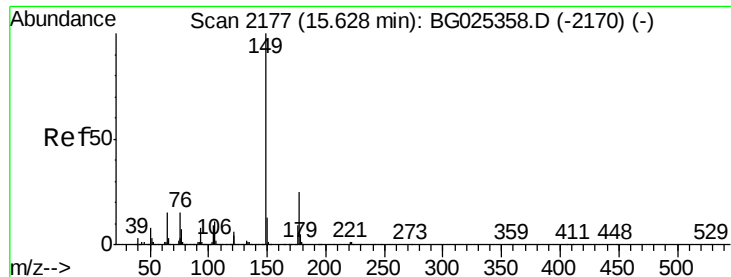
Tgt Ion:166 Resp: 52901
 Ion Ratio Lower Upper
 166 100
 165 93.5 78.6 117.8
 167 11.5 11.6 17.4#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.27 ng
 RT: 15.47 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:232 Resp: 15390
 Ion Ratio Lower Upper
 232 100
 131 43.7 34.9 52.3
 130 2.0 2.3 3.5#
 166 27.9 24.2 36.4





#59

Diethylphthalate

Concen: 4.53 ng

RT: 15.62 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

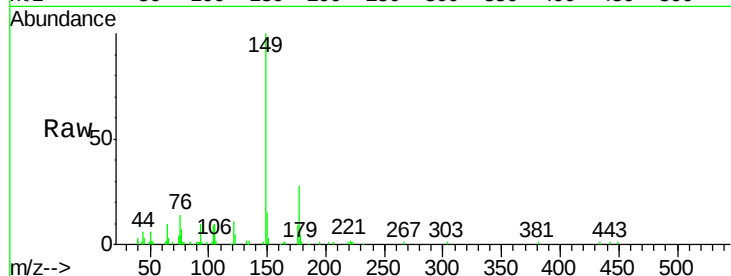
Tgt Ion:149 Resp: 53482

Ion Ratio Lower Upper

149 100

177 28.5 20.1 30.1

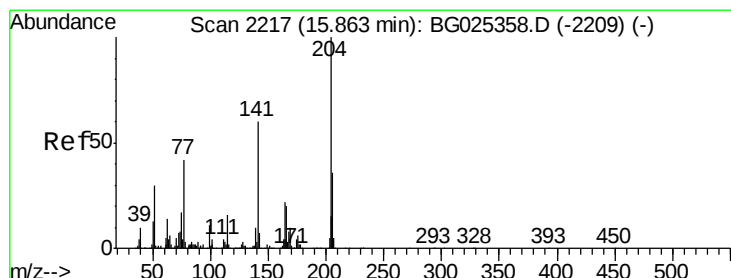
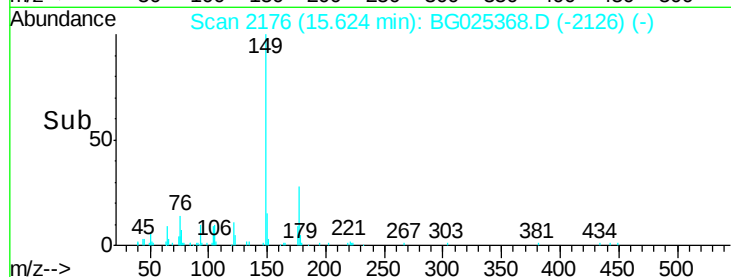
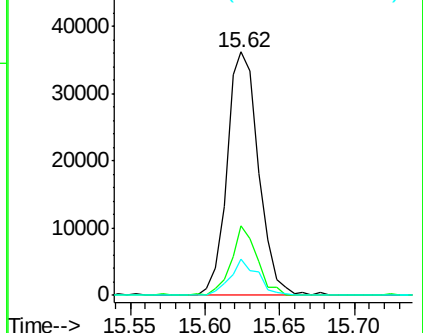
150 15.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 4.52 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

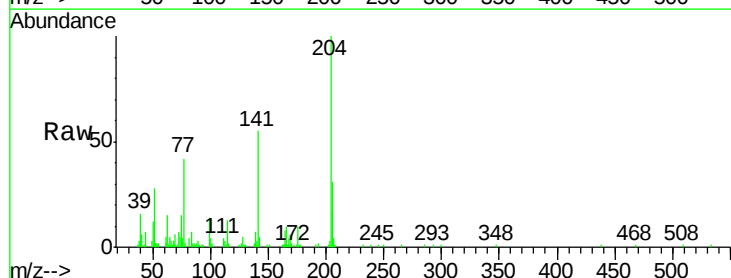
Tgt Ion:204 Resp: 27903

Ion Ratio Lower Upper

204 100

206 31.3 30.1 45.1

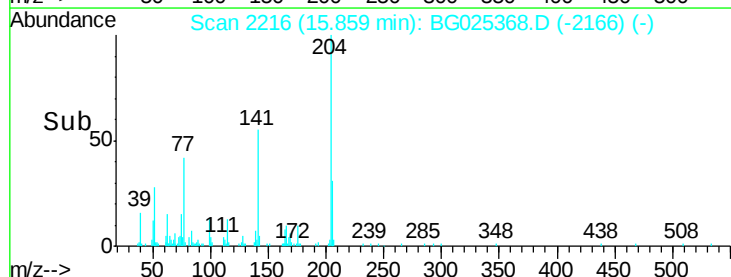
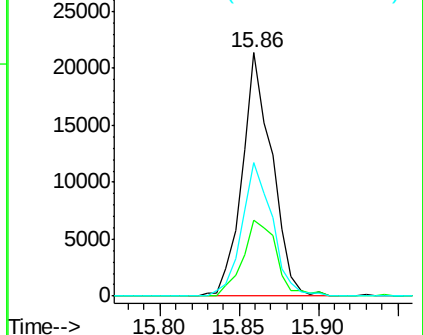
141 55.0 50.6 76.0

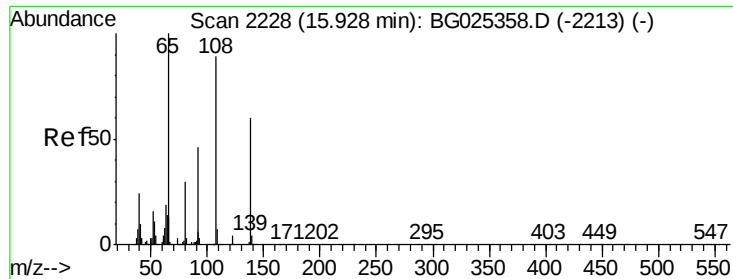


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

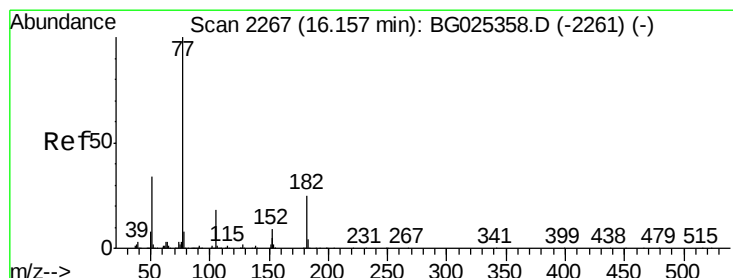
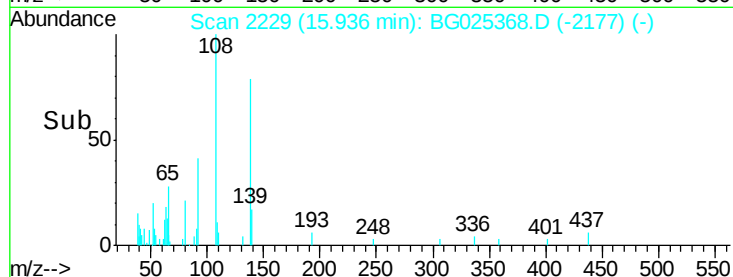
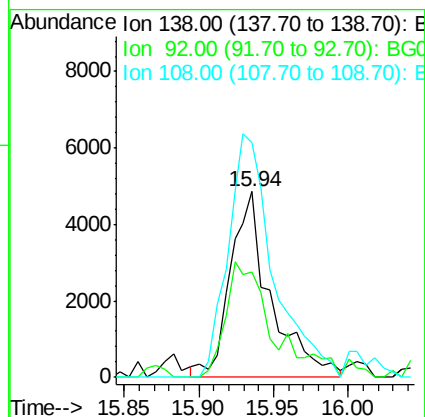
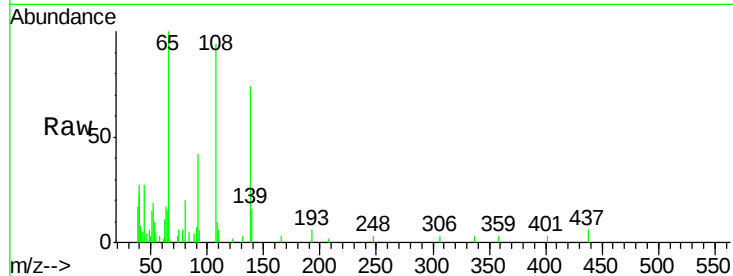




#61
4-Nitroaniline
Concen: 3.85 ng
RT: 15.94 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

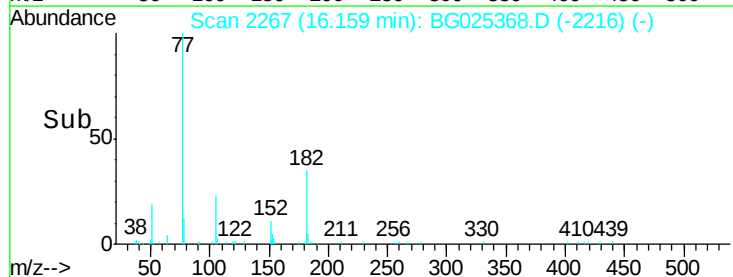
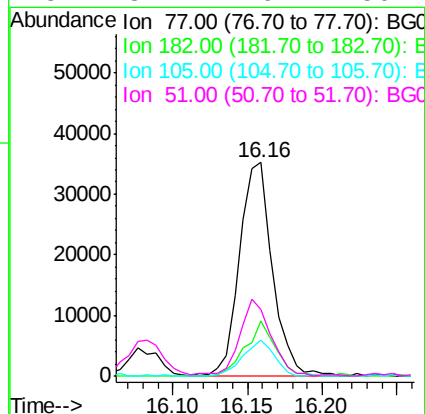
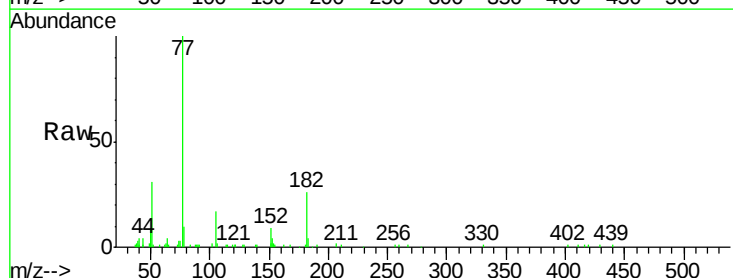
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

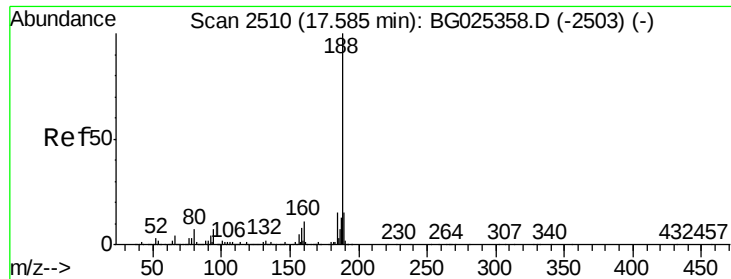
Tgt Ion: 138 Resp: 9174
Ion Ratio Lower Upper
138 100
92 57.1 44.2 84.2
108 126.7 104.8 144.8



#62
Azobenzene
Concen: 4.73 ng
RT: 16.16 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion: 77 Resp: 53923
Ion Ratio Lower Upper
77 100
182 26.0 4.7 44.7
105 17.1 0.0 36.3
51 31.4 16.4 56.4

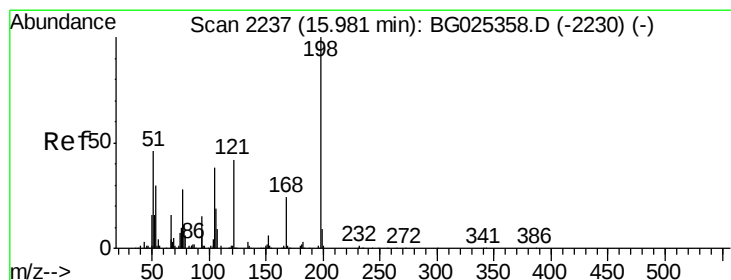
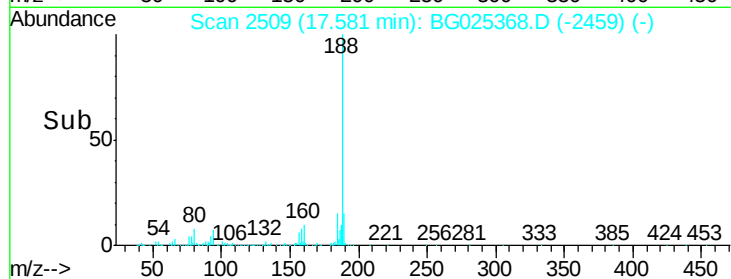
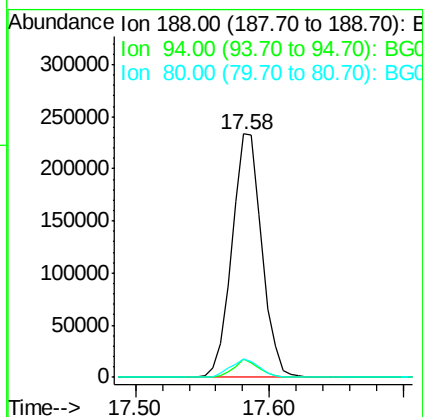
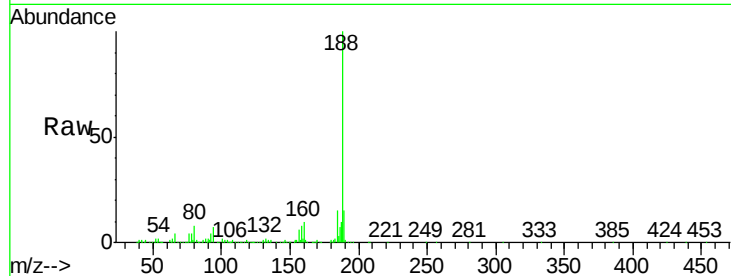




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

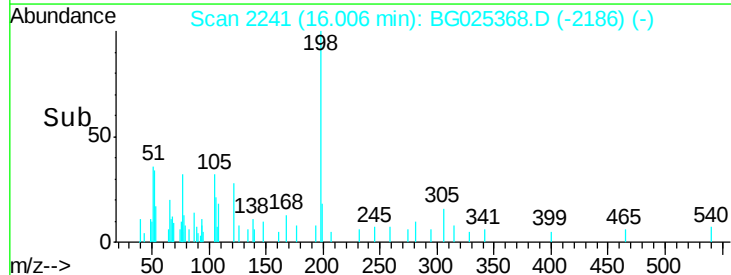
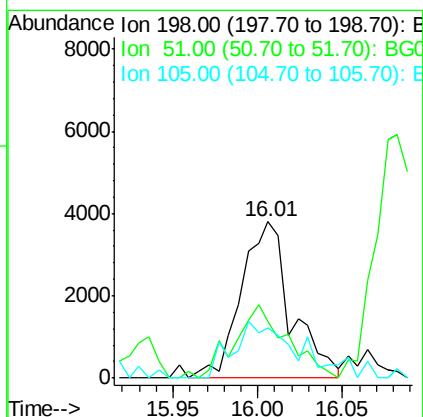
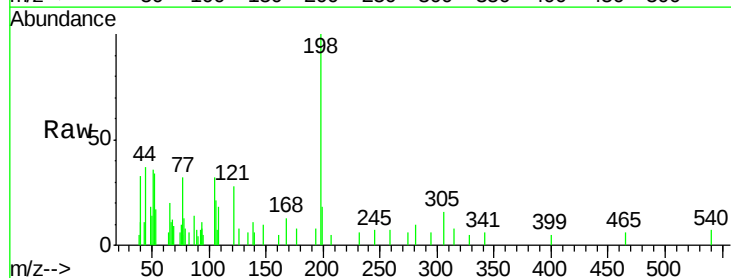
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

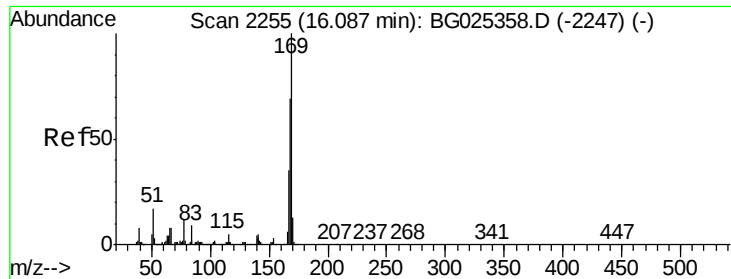
Tgt Ion:188 Resp: 363275
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 7.6 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 3.11 ng
RT: 16.01 min Scan# 2241
Delta R.T. 0.03 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:198 Resp: 7827
Ion Ratio Lower Upper
198 100
51 36.4 22.6 62.6
105 32.4 14.4 54.4

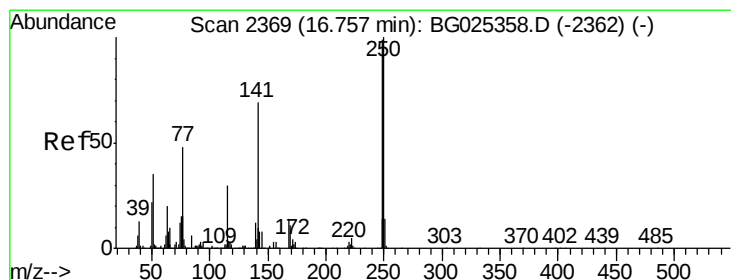
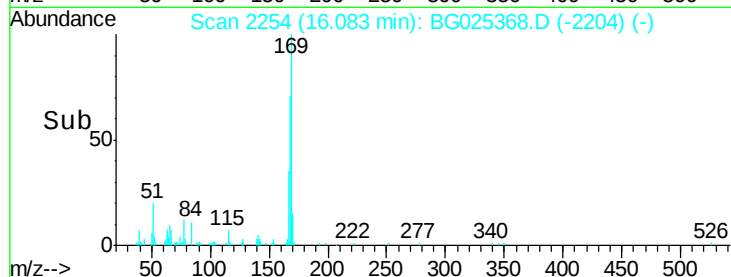
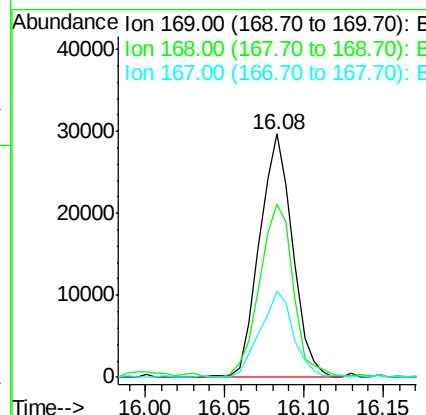
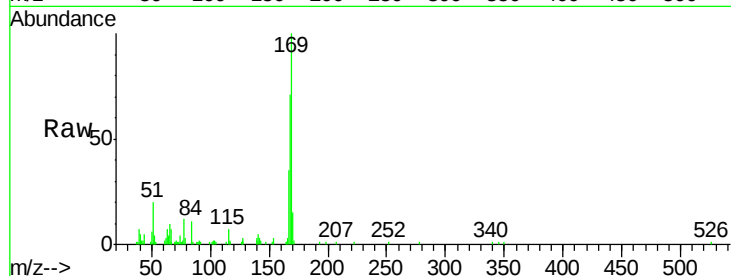




#65
 n-Nitrosodiphenylamine
 Concen: 4.40 ng
 RT: 16.08 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

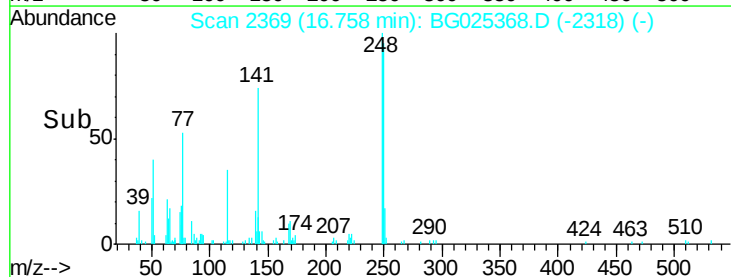
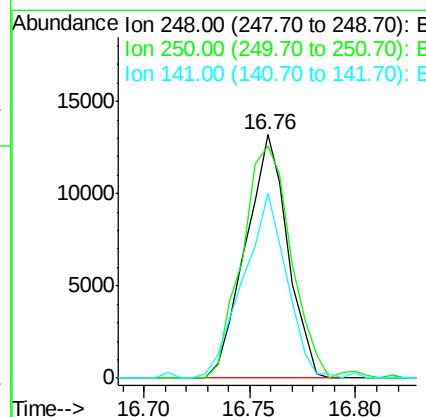
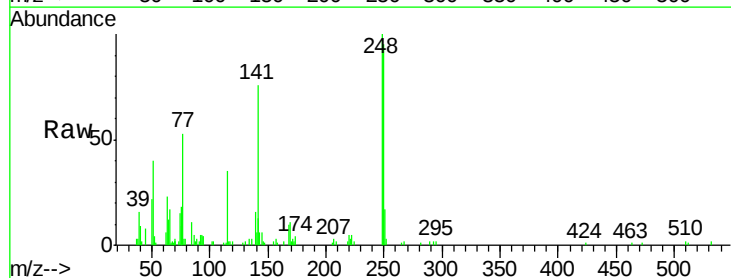
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

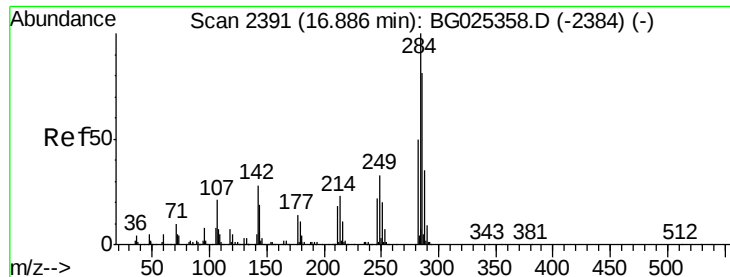
Tgt Ion:169 Resp: 43189
 Ion Ratio Lower Upper
 169 100
 168 71.2 55.7 83.5
 167 35.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 16.76 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:248 Resp: 18183
 Ion Ratio Lower Upper
 248 100
 250 95.4 75.0 112.6
 141 75.6 55.2 82.8





#67

Hexachlorobenzene

Concen: 4.53 ng

RT: 16.88 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

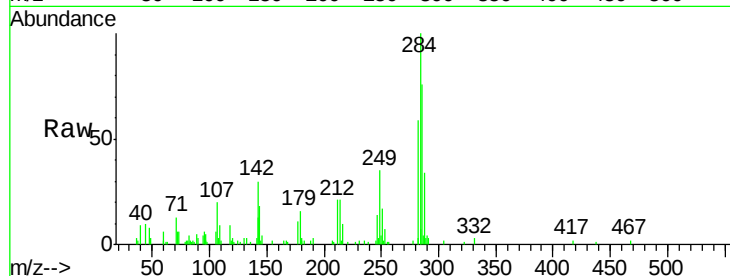
Tgt Ion:284 Resp: 23291

Ion Ratio Lower Upper

284 100

142 30.1 29.9 44.9

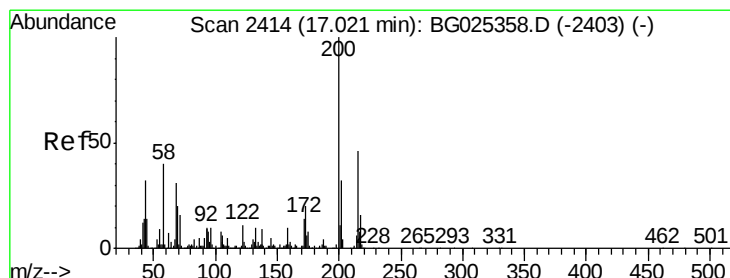
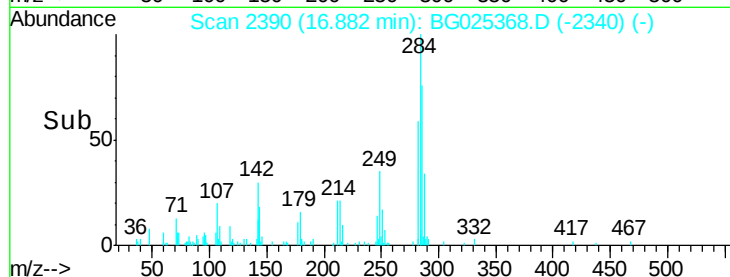
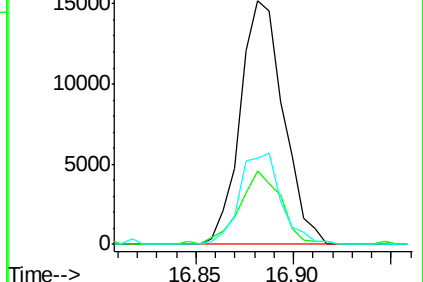
249 35.5 29.2 43.8



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



#68

Atrazine

Concen: 3.36 ng

RT: 17.02 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

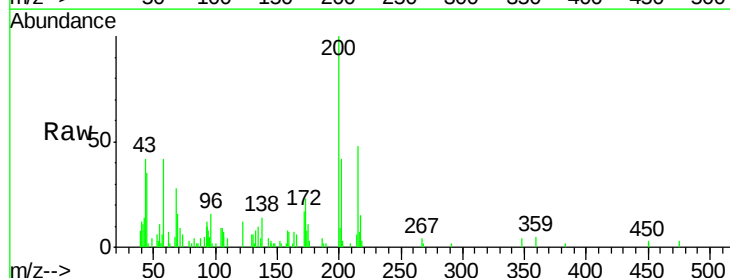
Tgt Ion:200 Resp: 14448

Ion Ratio Lower Upper

200 100

173 23.1 3.0 43.0

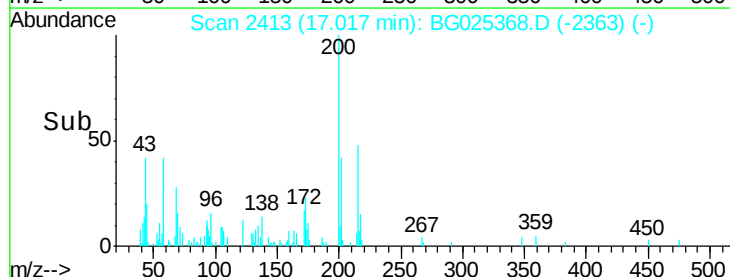
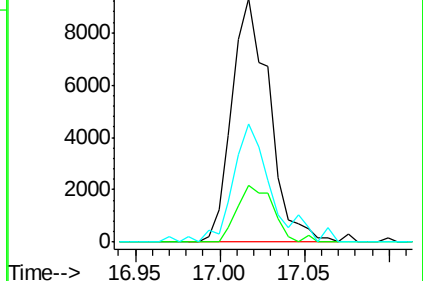
215 48.5 28.4 68.4

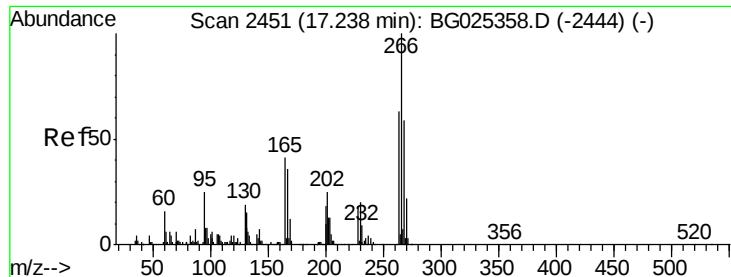


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 3.54 ng

RT: 17.25 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

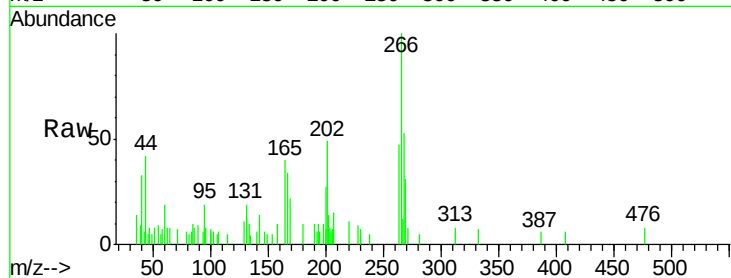
Tgt Ion:266 Resp: 9426

Ion Ratio Lower Upper

266 100

268 53.0 48.6 72.8

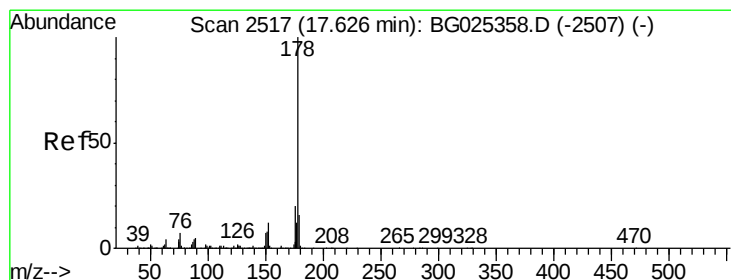
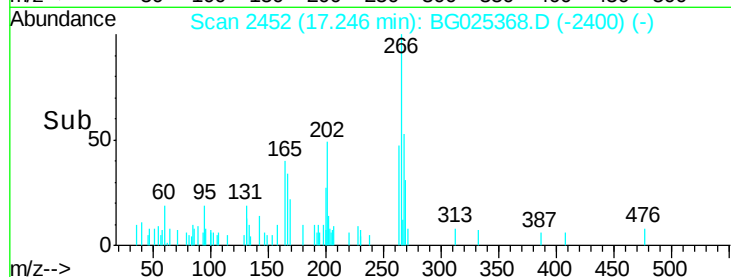
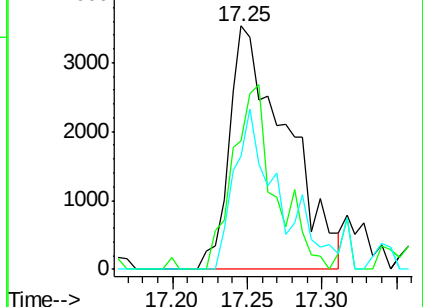
264 46.6 50.1 75.1#



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



#70

Phenanthrene

Concen: 4.66 ng

RT: 17.63 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

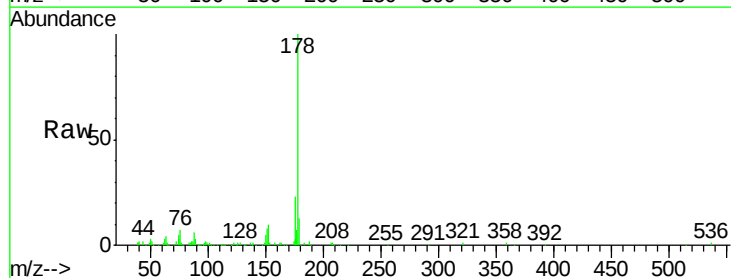
Tgt Ion:178 Resp: 87157

Ion Ratio Lower Upper

178 100

176 22.8 17.7 26.5

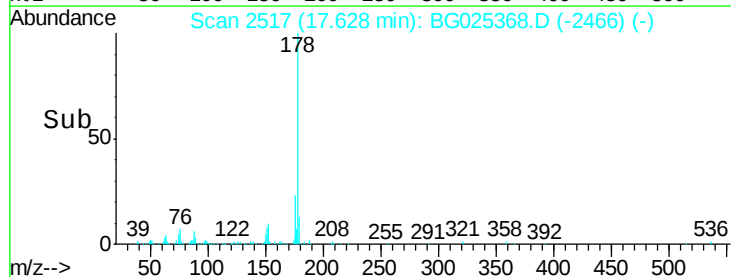
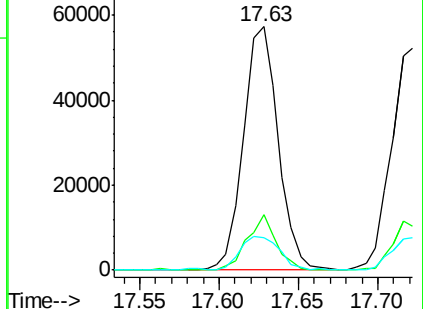
179 13.3 15.0 22.6#

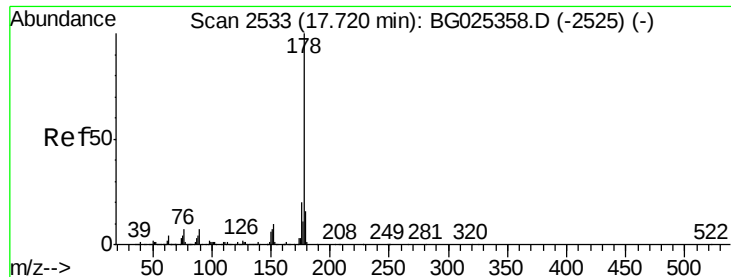


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

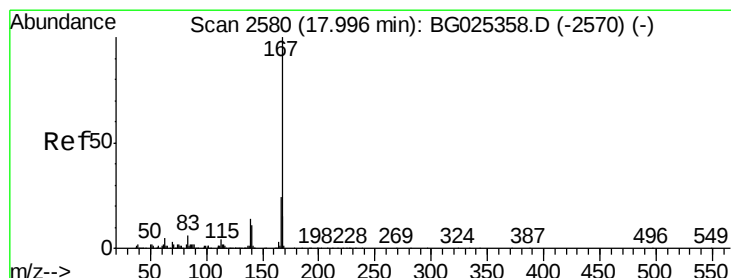
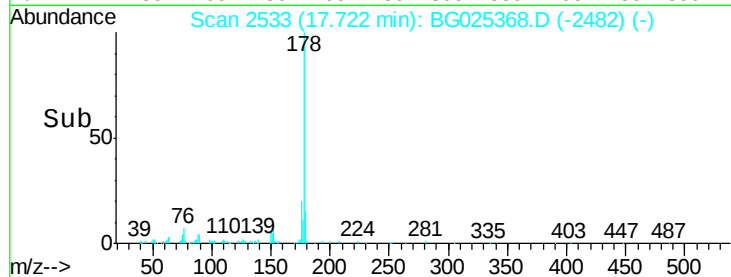
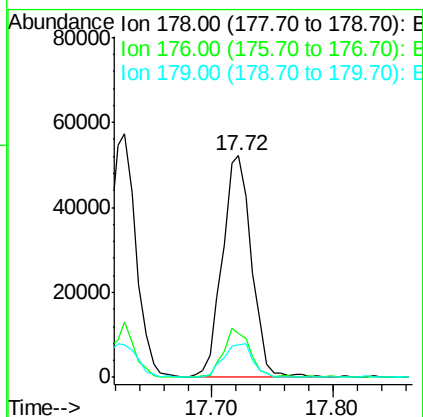
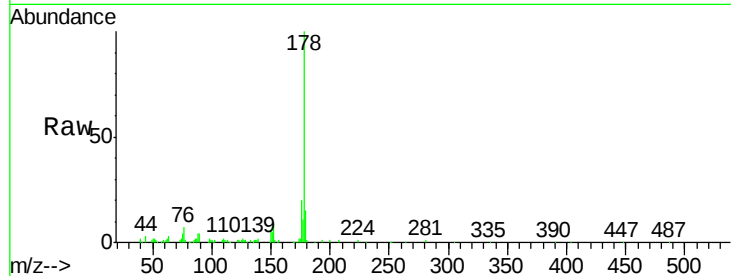




#71
 Anthracene
 Concen: 4.60 ng
 RT: 17.72 min Scan# 2533
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

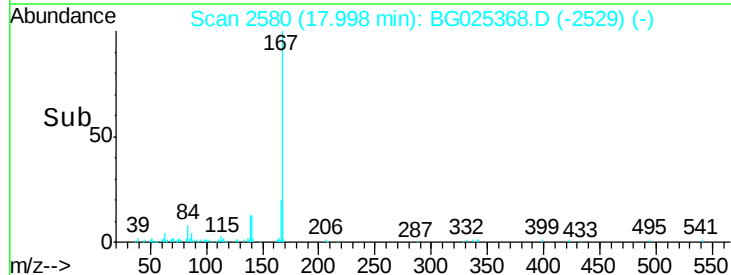
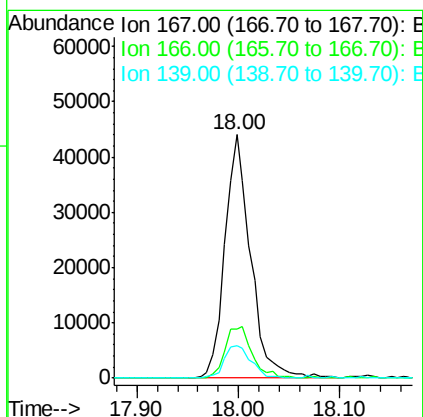
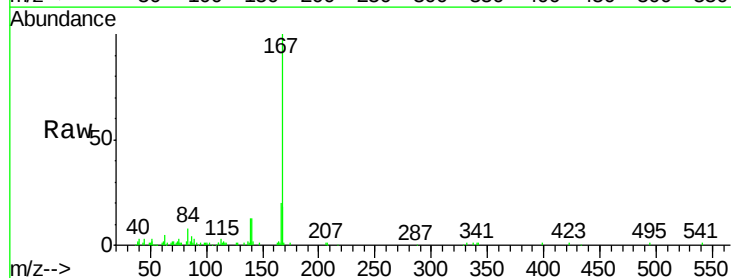
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

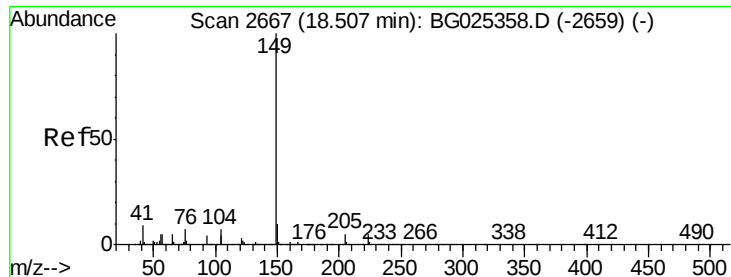
Tgt Ion:178 Resp: 87496
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.4 24.6
 179 14.7 13.8 20.8



#72
 Carbazole
 Concen: 4.55 ng
 RT: 18.00 min Scan# 2580
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:167 Resp: 77394
 Ion Ratio Lower Upper
 167 100
 166 20.0 20.2 30.2#
 139 13.3 12.8 19.2

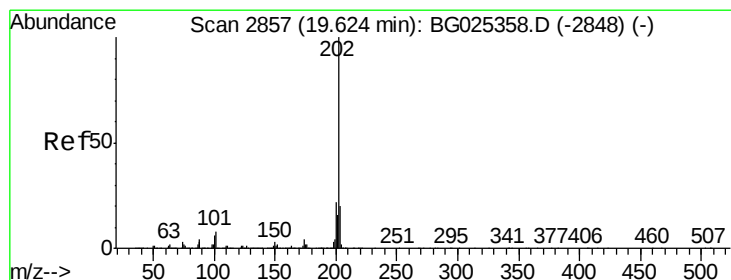
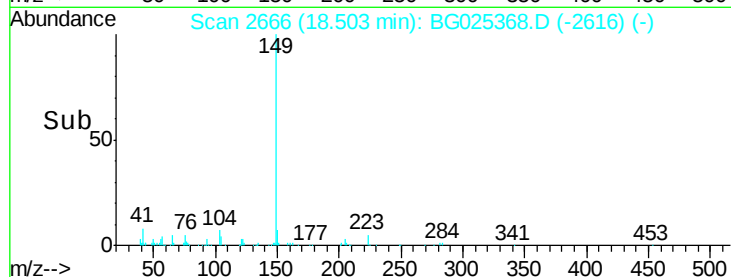
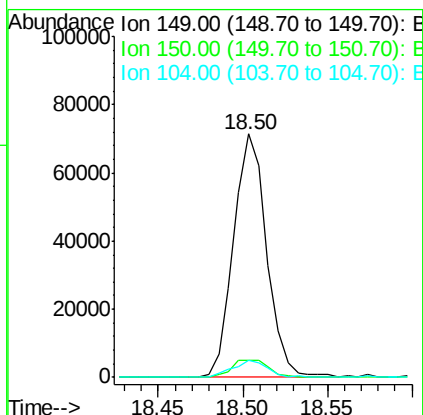
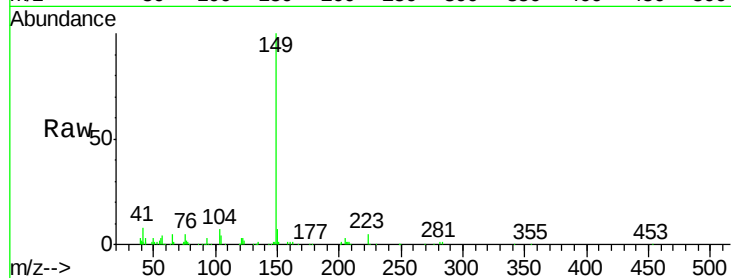




#73
Di-n-butylphthalate
Concen: 4.64 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

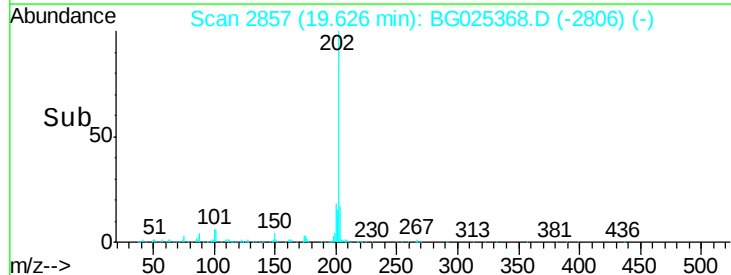
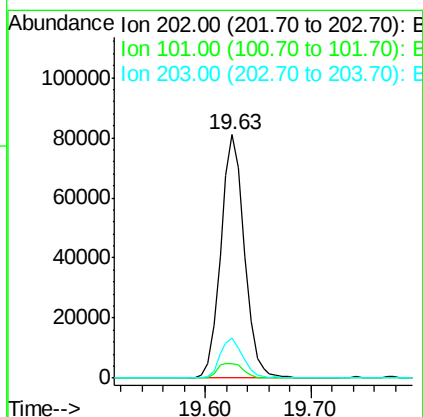
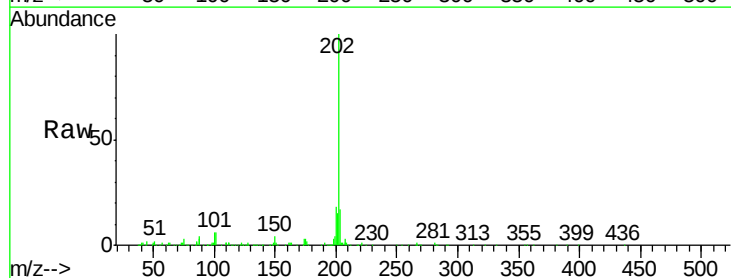
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

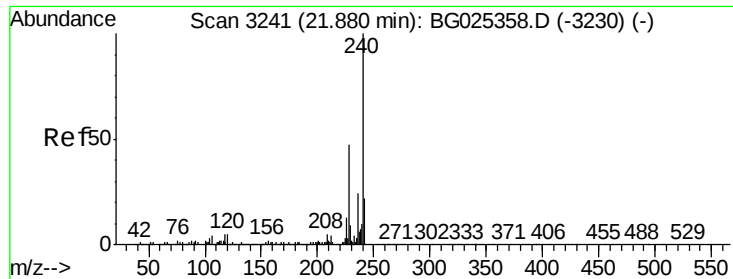
Tgt Ion:149 Resp: 97224
Ion Ratio Lower Upper
149 100
150 7.2 9.1 13.7#
104 7.1 6.7 10.1



#74
Fluoranthene
Concen: 5.06 ng
RT: 19.63 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion:202 Resp: 125208
Ion Ratio Lower Upper
202 100
101 5.8 0.0 30.1
203 16.6 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

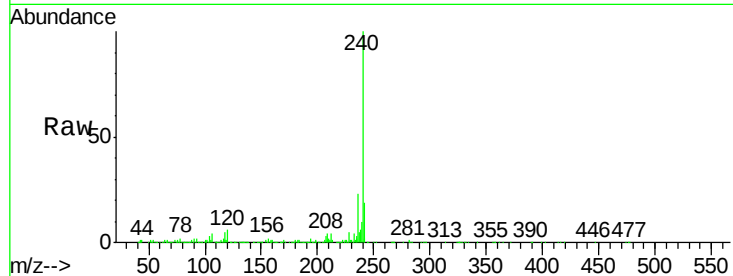
Tgt Ion:240 Resp: 546859

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

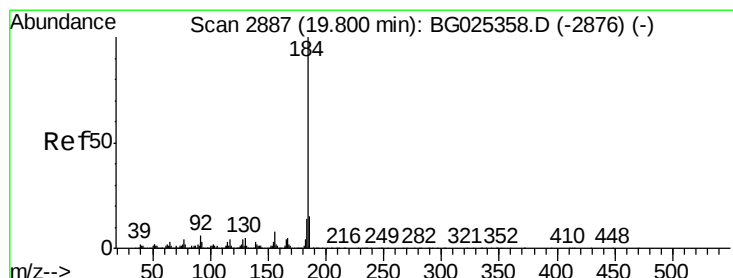
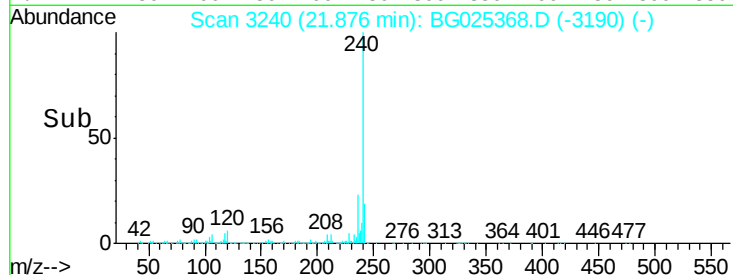
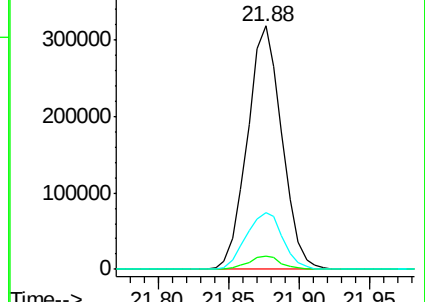
236 23.3 22.2 33.4



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



#76

Benzidine

Concen: 1.14 ng

RT: 19.81 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

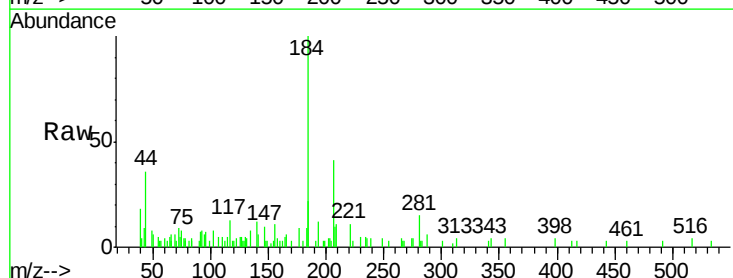
Tgt Ion:184 Resp: 15520

Ion Ratio Lower Upper

184 100

185 22.3 13.0 19.6#

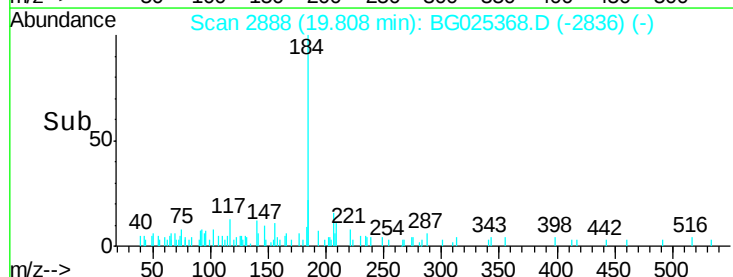
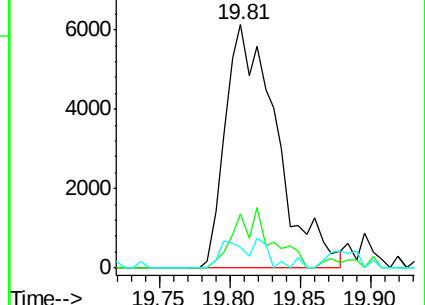
183 8.6 11.0 16.6#

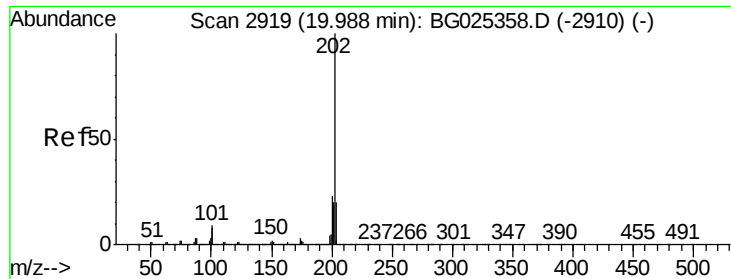


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

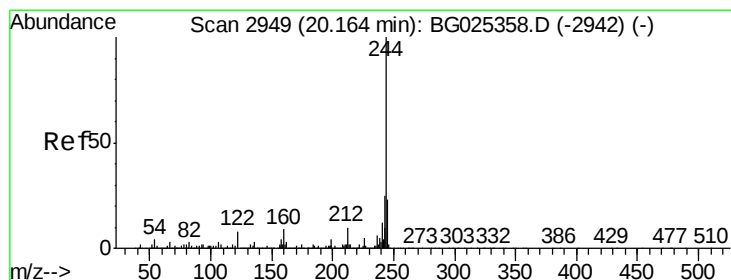
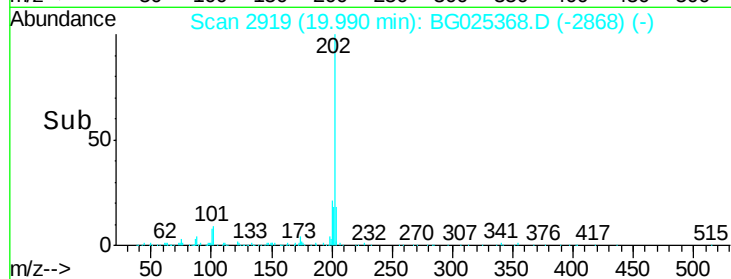
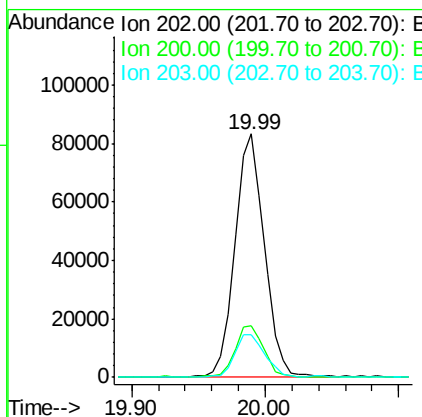
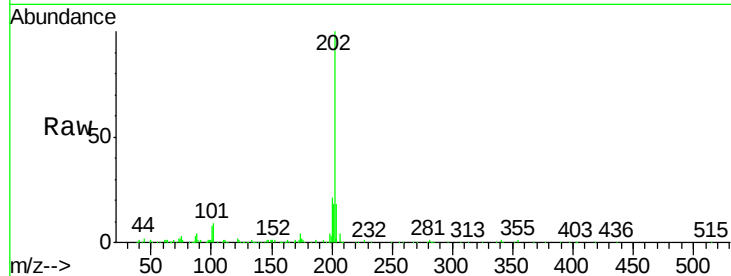




#77
 Pyrene
 Concen: 4.46 ng
 RT: 19.99 min Scan# 2919
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

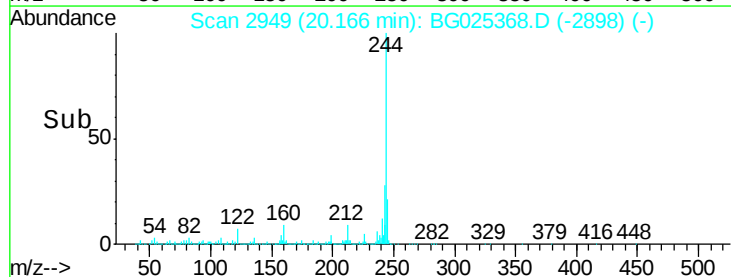
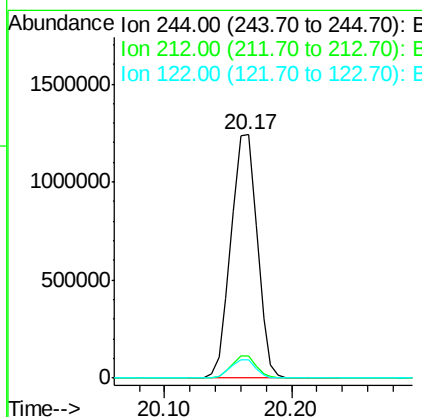
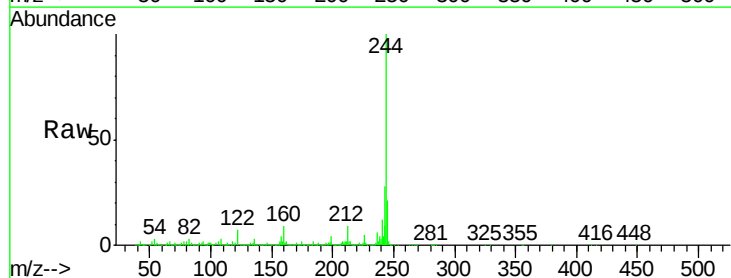
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

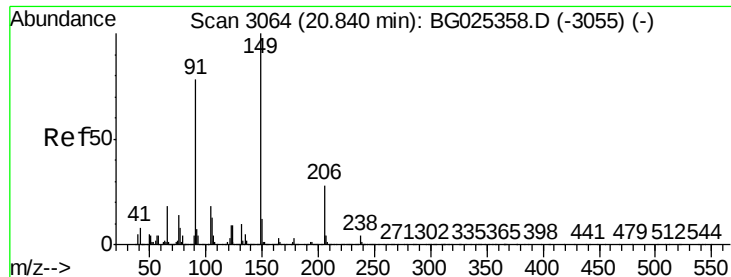
Tgt Ion:	202	Resp:	127337
Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.6	29.4
203	17.7	15.8	23.8



#78
 Terphenyl-d14
 Concen: 86.08 ng
 RT: 20.17 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:	244	Resp:	1775355
Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	7.3	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 4.43 ng

RT: 20.84 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

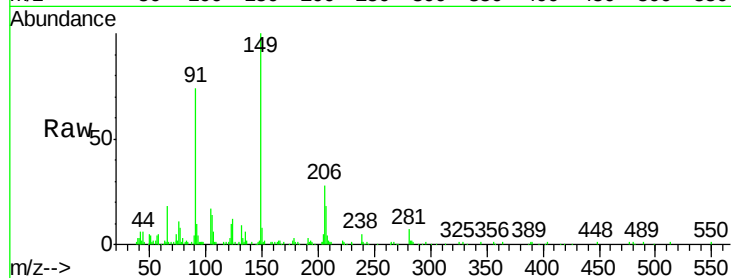
Tgt Ion:149 Resp: 50796

Ion Ratio Lower Upper

149 100

91 74.3 63.5 95.3

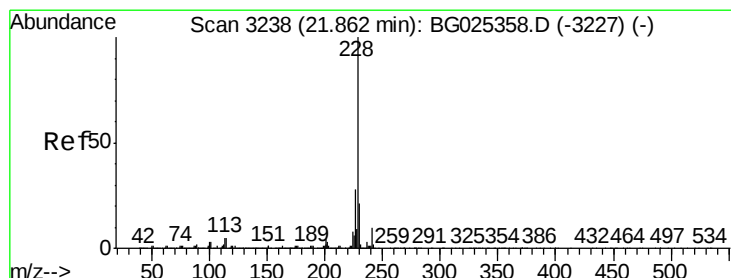
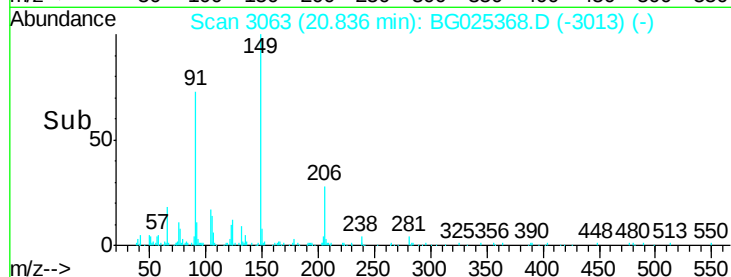
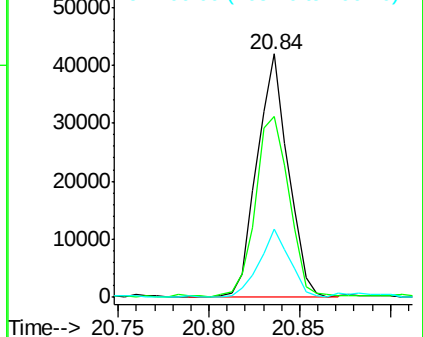
206 27.8 21.0 31.6



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



#80

Benzo(a)anthracene

Concen: 4.77 ng

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

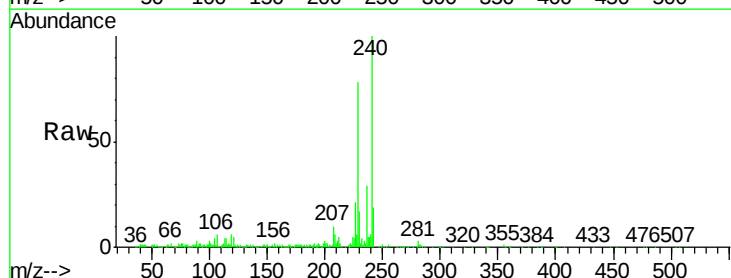
Tgt Ion:228 Resp: 145393

Ion Ratio Lower Upper

228 100

226 27.1 24.9 37.3

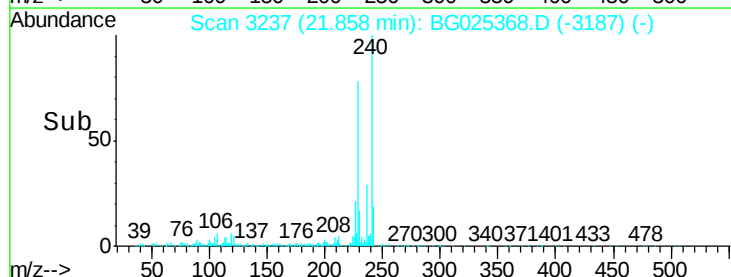
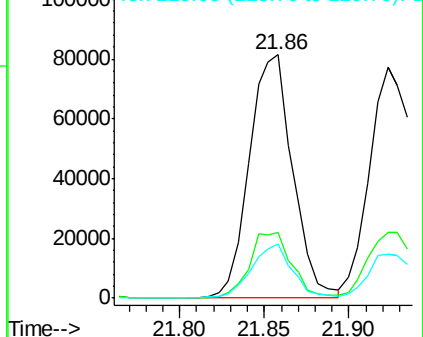
229 22.0 18.2 27.2

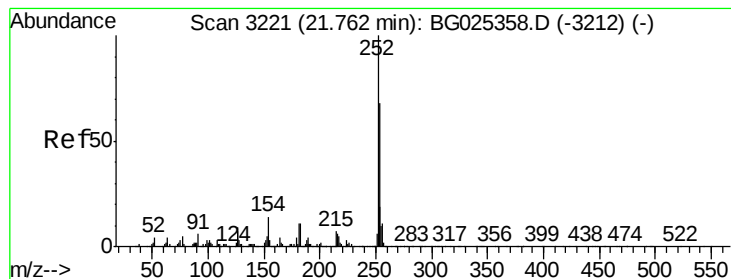


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

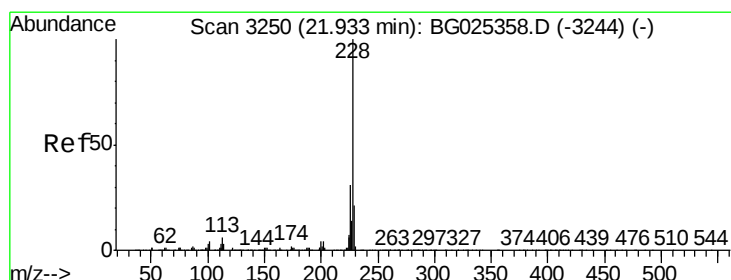
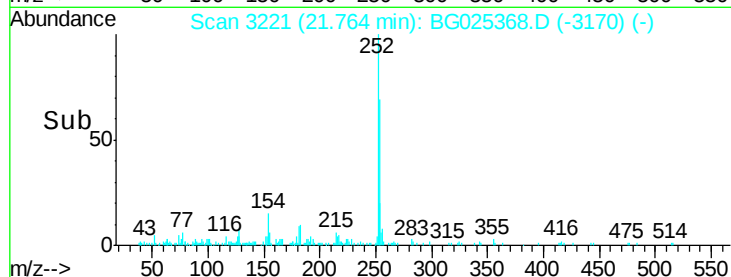
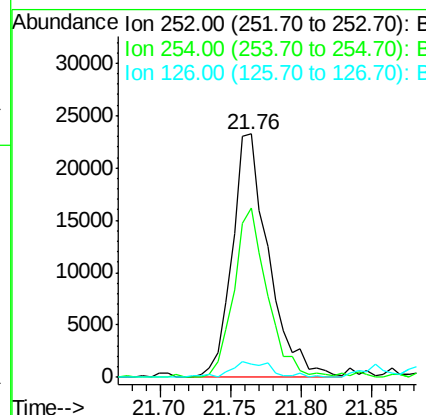
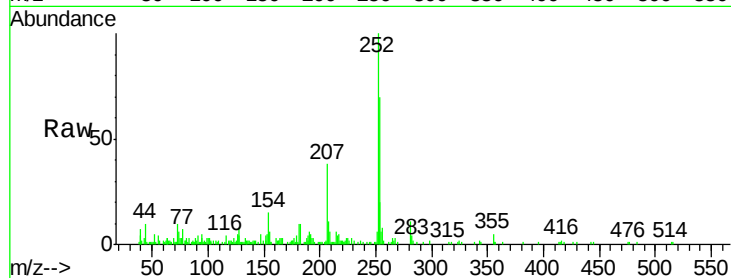




#81
 3,3'-Dichlorobenzidine
 Concen: 3.54 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

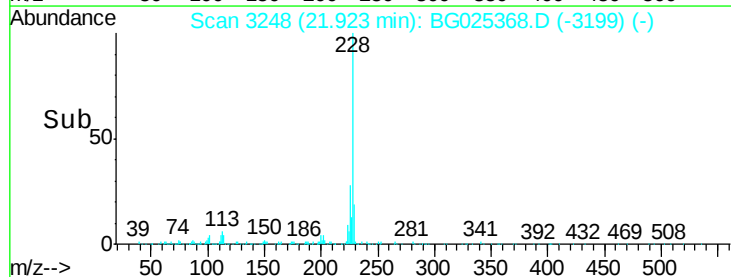
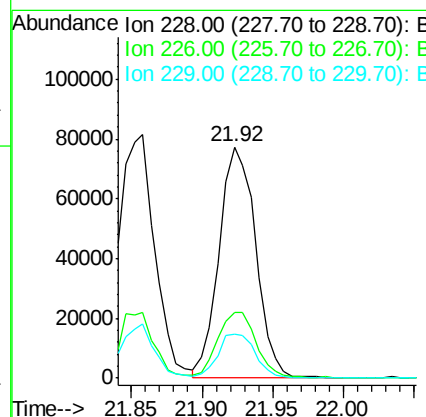
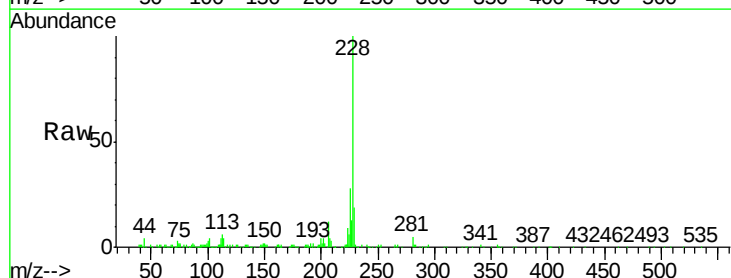
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

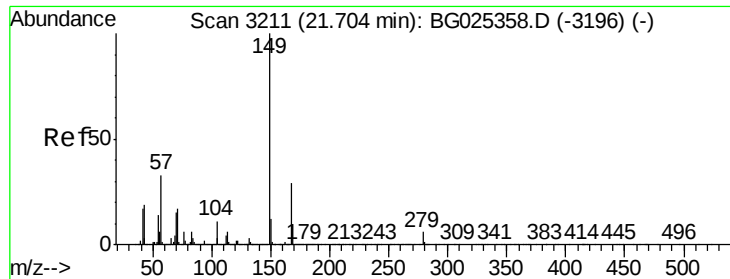
Tgt Ion: 252 Resp: 41913
 Ion Ratio Lower Upper
 252 100
 254 69.7 53.1 79.7
 126 5.5 7.0 10.4#



#82
 Chrysene
 Concen: 4.77 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion: 228 Resp: 139604
 Ion Ratio Lower Upper
 228 100
 226 28.1 27.0 40.4
 229 19.0 17.8 26.6

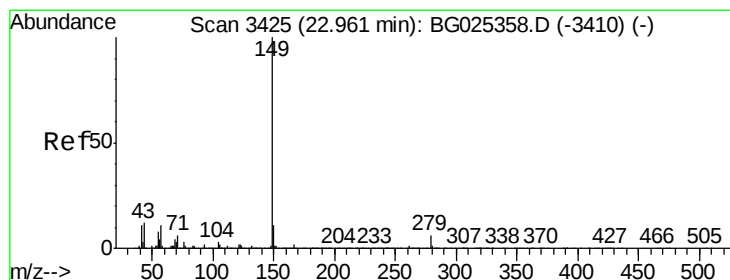
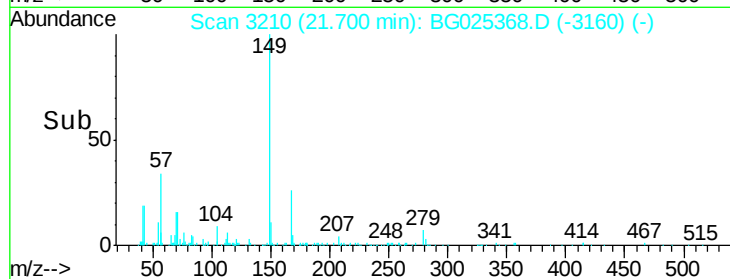
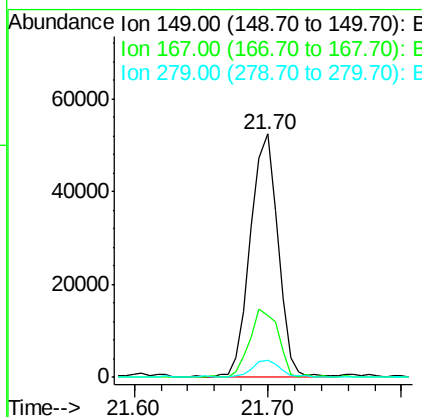
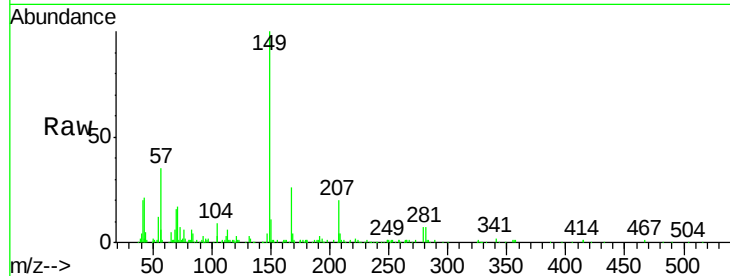




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.70 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

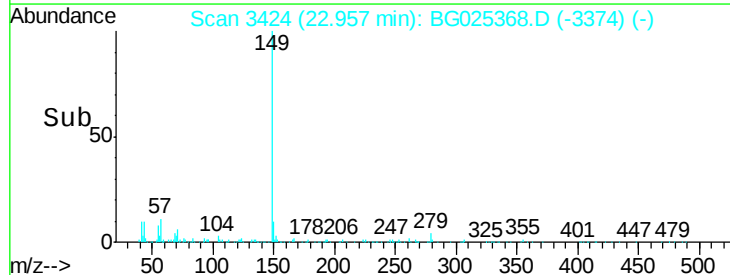
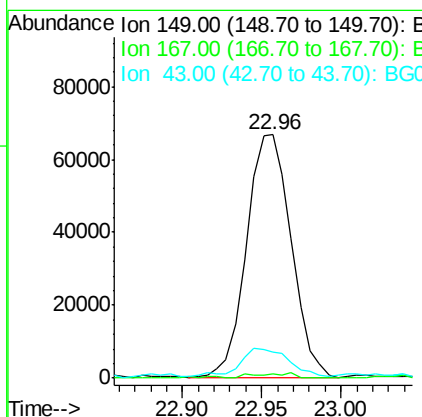
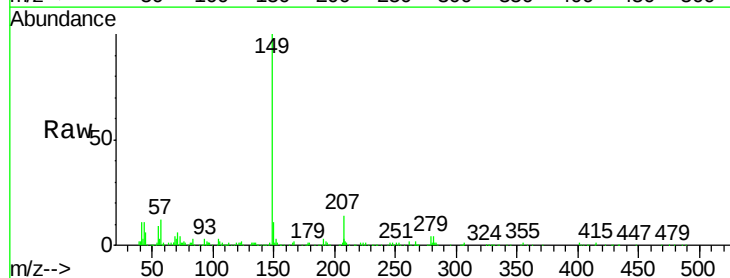
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

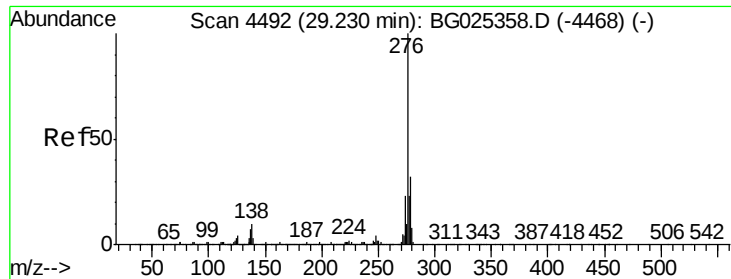
Tgt Ion:149 Resp: 75032
 Ion Ratio Lower Upper
 149 100
 167 25.5 23.7 35.5
 279 6.9 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 4.93 ng
 RT: 22.96 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BG025368.D
 Acq: 21 Dec 2016 22:02

Tgt Ion:149 Resp: 130789
 Ion Ratio Lower Upper
 149 100
 167 0.7 1.4 2.2#
 43 12.0 11.8 17.6

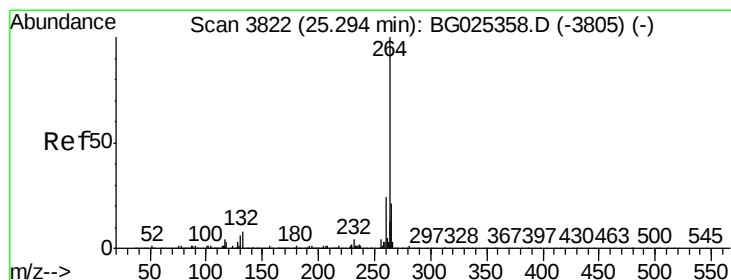
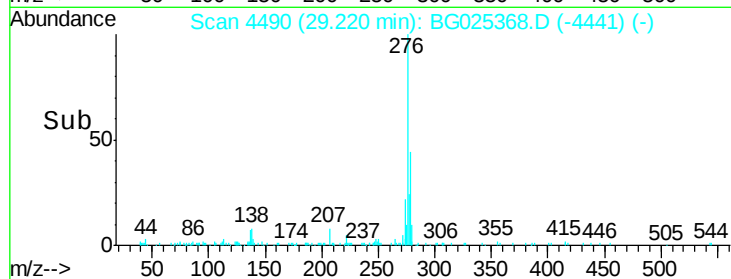
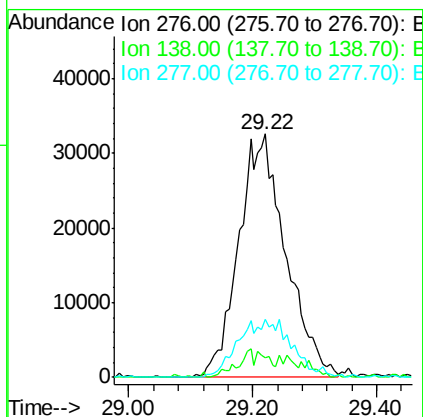
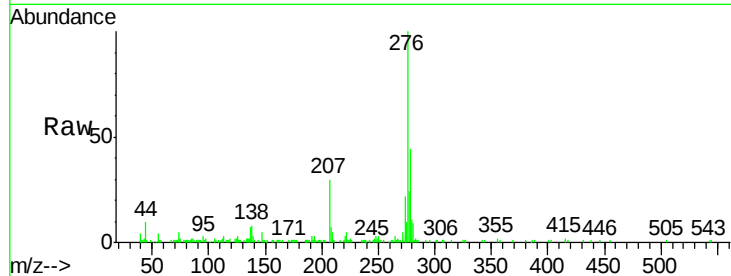




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.62 ng
RT: 29.22 min Scan# 4490
Delta R.T. -0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

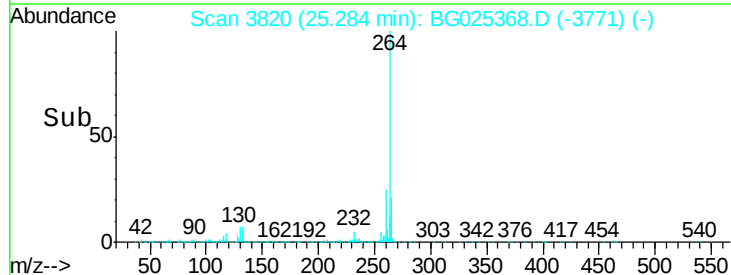
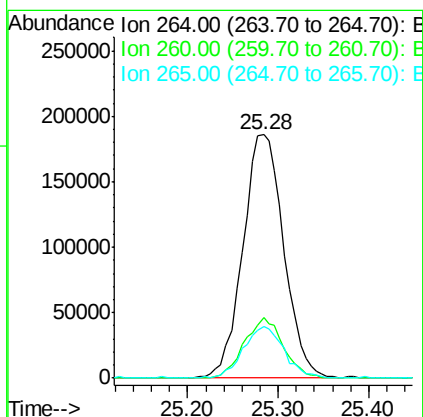
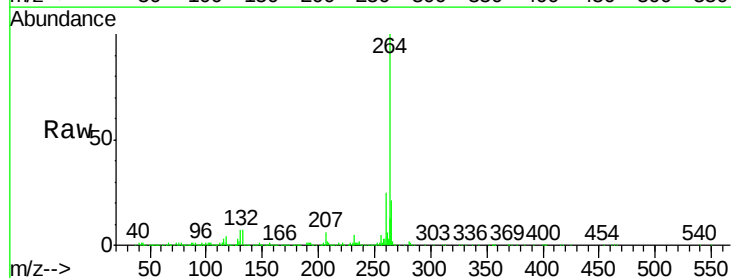
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

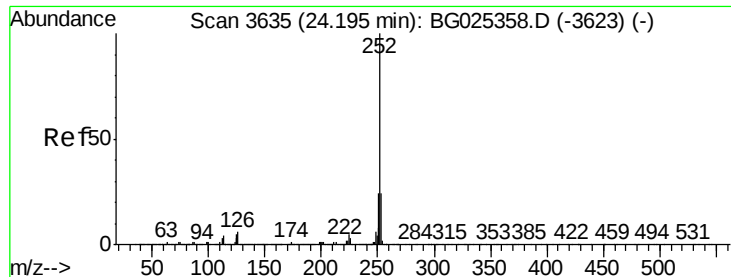
Tgt Ion: 276 Resp: 171752
Ion Ratio Lower Upper
276 100
138 0.0 4.7 7.1#
277 0.0 20.6 31.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025368.D
Acq: 21 Dec 2016 22:02

Tgt Ion: 264 Resp: 581784
Ion Ratio Lower Upper
264 100
260 24.8 21.8 32.8
265 21.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 4.79 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.00 min

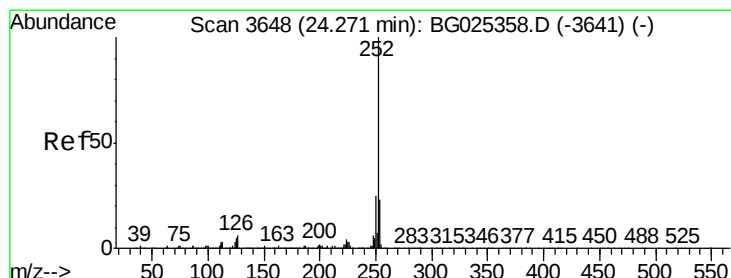
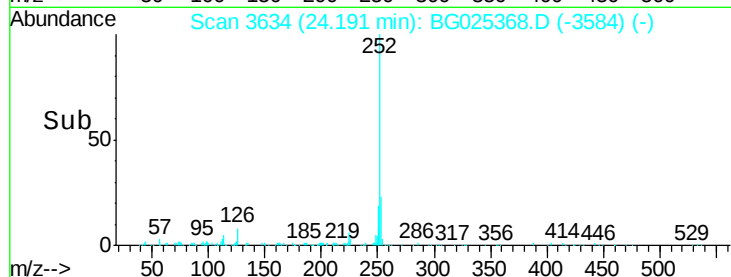
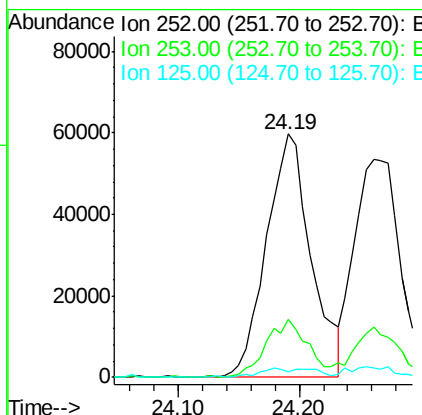
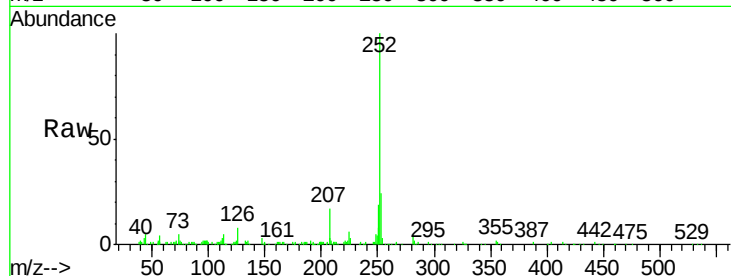
Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tgt Ion:252 Resp: 152204

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	2.2	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 4.50 ng

RT: 24.26 min Scan# 3646

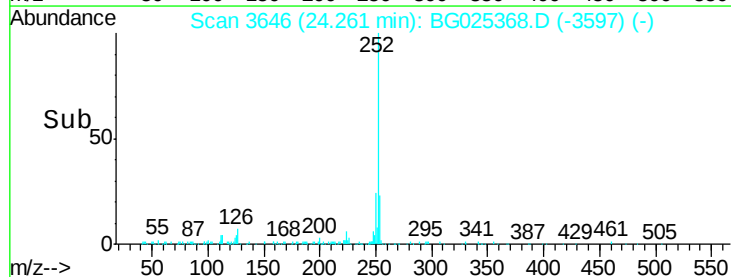
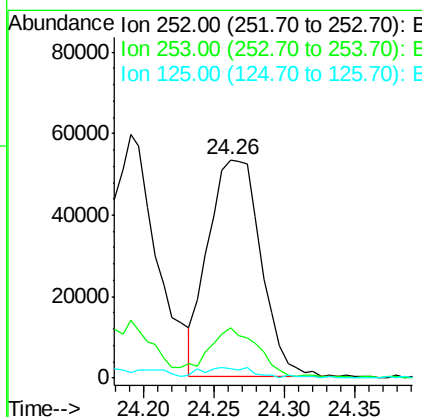
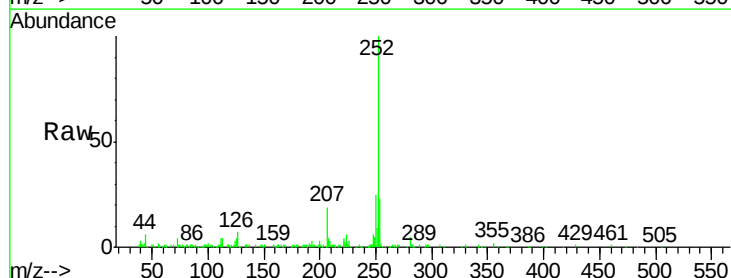
Delta R.T. -0.01 min

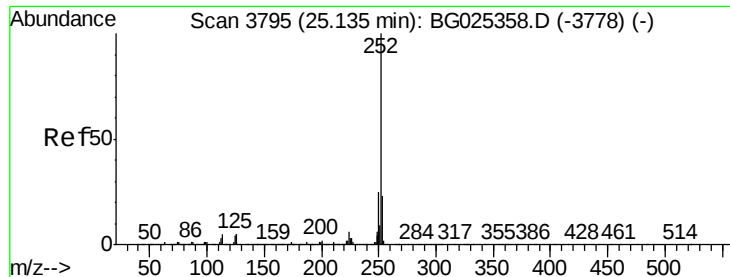
Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Tgt Ion:252 Resp: 138000

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.2	30.2
125	4.4	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 4.55 ng

RT: 25.12 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

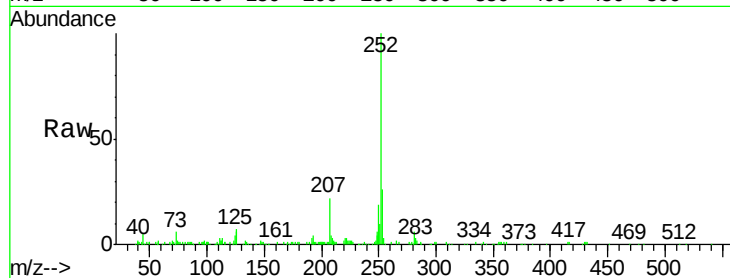
Tgt Ion:252 Resp: 139387

Ion Ratio Lower Upper

252 100

253 25.5 19.2 28.8

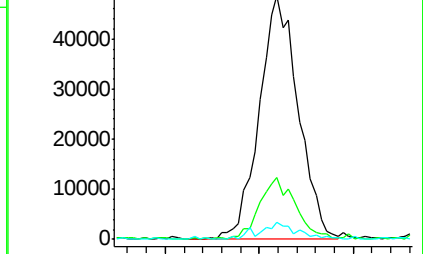
125 7.2 5.4 8.0



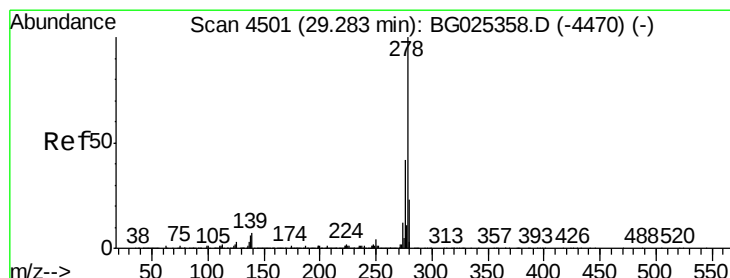
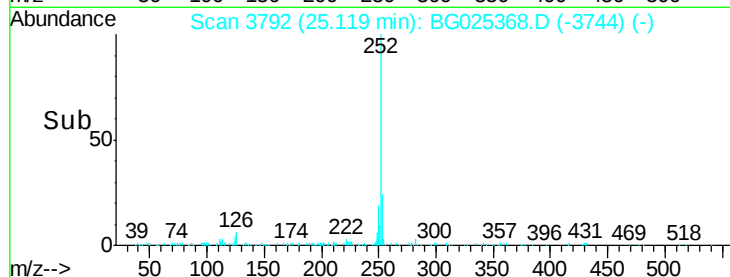
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 4.59 ng

RT: 29.27 min Scan# 4498

Delta R.T. -0.02 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

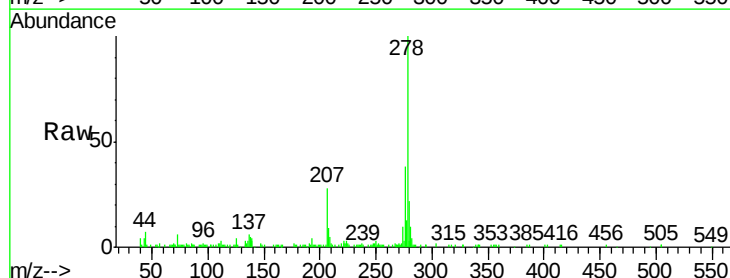
Tgt Ion:278 Resp: 149014

Ion Ratio Lower Upper

278 100

139 7.1 7.7 11.5#

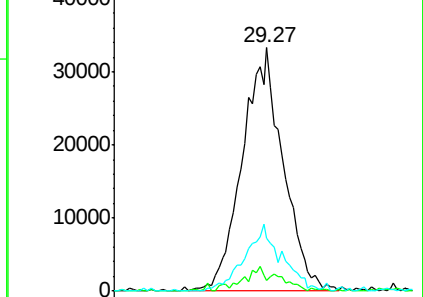
279 22.0 19.1 28.7



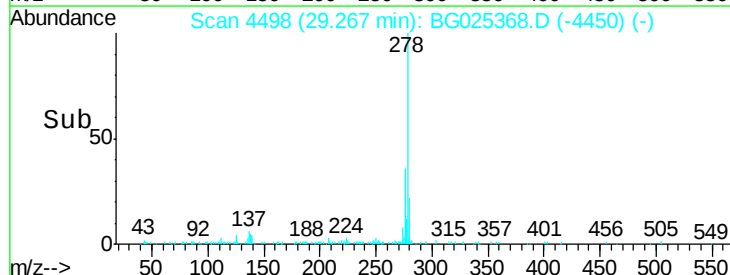
Abundance Ion 278.00 (277.70 to 278.70): E

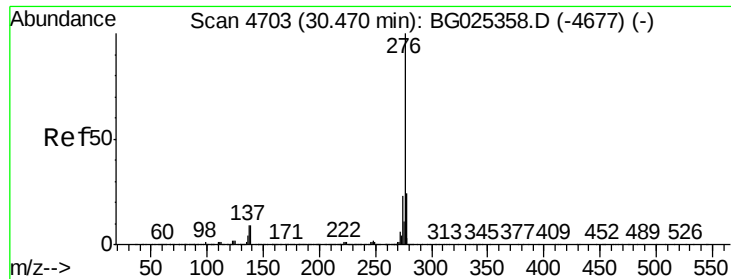
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 4.13 ng

RT: 30.45 min Scan# 4699

Delta R.T. -0.02 min

Lab File: BG025368.D

Acq: 21 Dec 2016 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

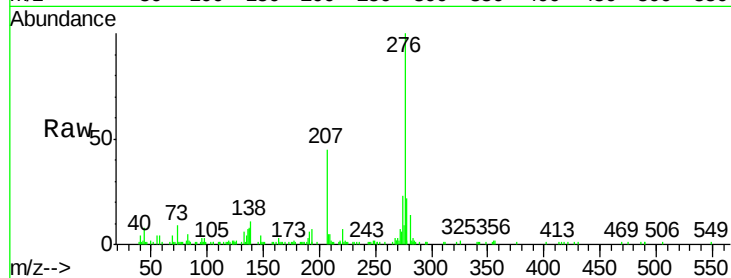
Tgt Ion: 276 Resp: 133209

Ion Ratio Lower Upper

276 100

277 22.0 18.6 27.8

138 10.6 8.1 12.1



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

