

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022666.D
 Acq On : 28 Jun 2016 6:38
 Operator : UM/SJ
 Sample : H3606-06
 Misc : L0020-PPM
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Jun 28 07:46:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	143215	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	608220	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	452143	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1217737	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1399834	20.00	ng	0.00
86) Perylene-d12	25.21	264	1436774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1028386	115.17	ng	0.00
7) Phenol-d6	7.31	99	1491748	118.53	ng	0.00
23) Nitrobenzene-d5	9.33	82	1033046	71.89	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	839601	118.06	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1988840	69.76	ng	0.00
78) Terphenyl-d14	20.15	244	3167801	59.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	40058	11.07	ng	90
3) Pyridine	3.99	79	128783	12.72	ng	93
4) n-Nitrosodimethylamine	3.90	42	64773	11.19	ng	# 98
6) Aniline	7.48	93	92547	5.55	ng	97
8) 2-Chlorophenol	7.72	128	135411	14.64	ng	95
9) Benzaldehyde	7.29	77	148028	33.42	ng	89
10) Phenol	7.33	94	204460	15.37	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	150127	13.71	ng	92
12) 1,3-Dichlorobenzene	8.05	146	149297	13.27	ng	96
13) 1,4-Dichlorobenzene	8.20	146	149630	13.26	ng	91
14) 1,2-Dichlorobenzene	8.52	146	145897	13.60	ng	95
15) Benzyl Alcohol	8.40	79	172842	14.84	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	163580	13.51	ng	93
17) 2-Methylphenol	8.60	107	132236	15.08	ng	92
18) Hexachloroethane	9.25	117	60686	12.99	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	133643	12.75	ng	94
20) 3+4-Methylphenols	8.93	107	182273	15.09	ng	96
22) Acetophenone	8.98	105	231366	13.16	ng	# 92
24) Nitrobenzene	9.37	77	208807	13.15	ng	97
25) Isophorone	9.89	82	359159	12.87	ng	97
26) 2-Nitrophenol	10.08	139	78401	13.70	ng	# 82
27) 2,4-Dimethylphenol	10.14	122	144653	13.23	ng	88
28) bis(2-Chloroethoxy)methane	10.38	93	210098	13.79	ng	98
29) 2,4-Dichlorophenol	10.63	162	158268	14.86	ng	92
30) 1,2,4-Trichlorobenzene	10.85	180	170172	13.46	ng	96
31) Naphthalene	11.03	128	417290	13.65	ng	98
32) Benzoic acid	10.22	122	87450	16.05	ng	89
33) 4-Chloroaniline	11.14	127	43949	3.34	ng	# 90
34) Hexachlorobutadiene	11.32	225	128334	13.06	ng	94
35) Caprolactam	11.90	113	55082	16.42	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	192006	14.69	ng	98
37) 2-Methylnaphthalene	12.63	142	325519	13.73	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	218850	12.82	ng	98
40) Hexachlorocyclopentadiene	12.97	237	146555	10.75	ng	89

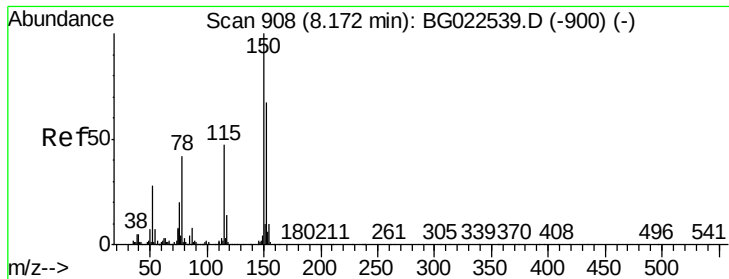
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	153198	14.00	nq	96
43) 2,4,5-Trichlorophenol	13.30	196	166371	14.53	nq	95
45) 1,1'-Biphenyl	13.63	154	455747	13.23	nq	98
46) 2-Chloronaphthalene	13.68	162	384463	13.57	nq	95
47) 2-Nitroaniline	13.88	65	151778	13.87	nq	95
48) Acenaphthylene	14.52	152	572457	13.93	nq	98
49) Dimethylphthalate	14.24	163	510089	13.60	nq	# 98
50) 2,6-Dinitrotoluene	14.37	165	114061	13.99	nq	# 81
51) Acenaphthene	14.86	154	408191	13.48	nq	97
52) 3-Nitroaniline	14.69	138	69376	9.10	nq	90
53) 2,4-Dinitrophenol	14.89	184	69450	13.83	nq	# 85
54) Dibenzofuran	15.19	168	606883	13.84	nq	96
55) 4-Nitrophenol	14.99	139	96964	15.04	nq	91
56) 2,4-Dinitrotoluene	15.15	165	168044	14.88	nq	# 98
57) Fluorene	15.85	166	511226	14.61	nq	91
58) 2,3,4,6-Tetrachlorophenol	15.42	232	174334	14.68	nq	# 98
59) Diethylphthalate	15.61	149	535877	13.90	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	293084	14.07	nq	95
61) 4-Nitroaniline	15.86	138	117414	14.92	nq	# 79
62) Azobenzene	16.13	77	554727	13.28	nq	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	109429	13.40	nq	94
65) n-Nitrosodiphenylamine	16.05	169	474007	13.38	nq	98
66) 4-Bromophenyl-phenylether	16.73	248	205198	12.99	nq	96
67) Hexachlorobenzene	16.85	284	216152	12.94	nq	98
68) Atrazine	17.00	200	218266	14.59	nq	95
69) Pentachlorophenol	17.20	266	145714	12.68	nq	96
70) Phenanthrene	17.60	178	882267	14.21	nq	98
71) Anthracene	17.69	178	898636	14.06	nq	94
72) Carbazole	17.96	167	792172	14.62	nq	96
73) Di-n-butylphthalate	18.51	149	954903	15.14	nq	96
74) Fluoranthene	19.60	202	1125393	15.73	nq	95
76) Benzidine	19.78	184	195138	13.09	nq	# 96
77) Pyrene	19.97	202	1136232	15.24	nq	98
79) Butylbenzylphthalate	20.84	149	437884	13.57	nq	94
80) Benzo(a)anthracene	21.83	228	1191073	15.38	nq	93
81) 3,3'-Dichlorobenzidine	21.74	252	228476	7.14	nq	93
82) Chrysene	21.90	228	1106478	15.20	nq	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	577580	12.71	nq	100
84) Di-n-octyl phthalate	22.98	149	1017414	13.58	nq	# 95
85) Indeno(1,2,3-cd)pyrene	29.04	276	1221495	12.77	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	1197545	13.86	nq	99
88) Benzo(k)fluoranthene	24.21	252	1172814	14.36	nq	# 94
89) Benzo(a)pyrene	25.05	252	1164194	13.82	nq	# 97
90) Dibenzo(a,h)anthracene	29.11	278	998507	12.59	nq	# 96
91) Benzo(g,h,i)perylene	30.26	276	980810	12.15	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

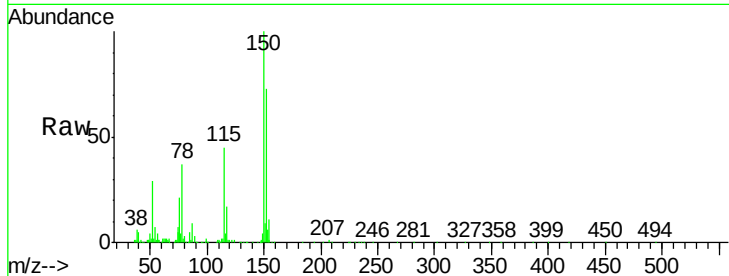
Tot Ion:152 Resp: 143215

Ion Ratio Lower Upper

152 100

150 136.7 144.7 217.1#

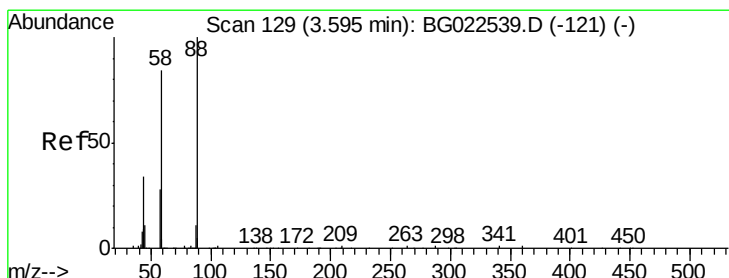
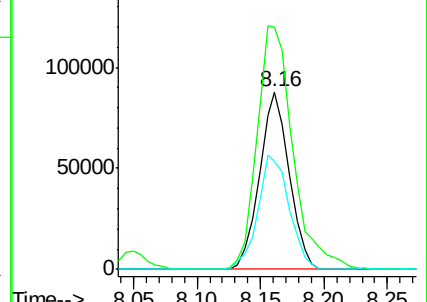
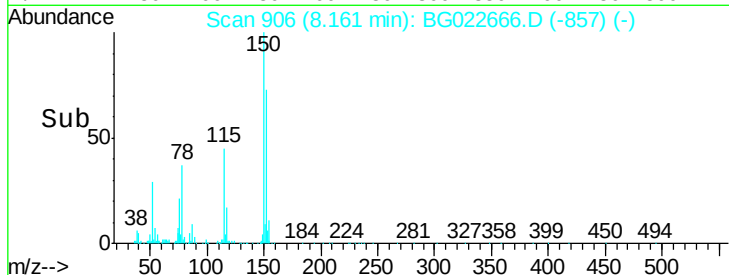
115 61.0 64.0 96.0#



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: 11.07 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

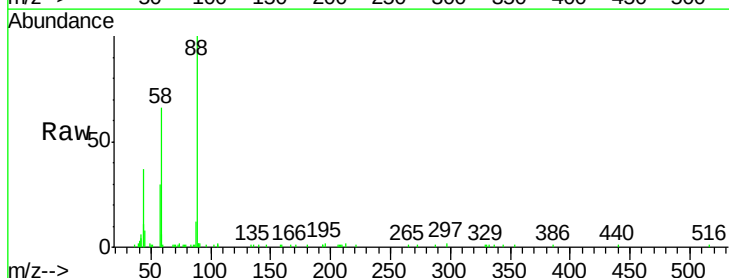
Tgt Ion: 88 Resp: 40058

Ion Ratio Lower Upper

88 100

58 85.8 60.4 90.6

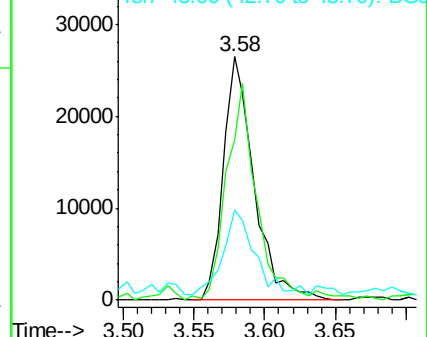
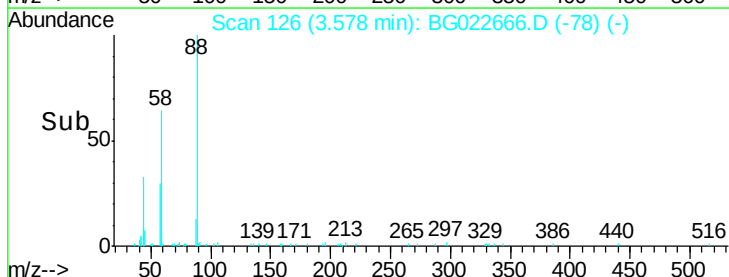
43 35.2 31.1 46.7

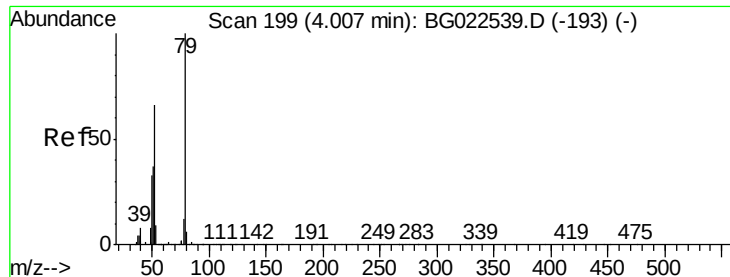


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 12.72 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

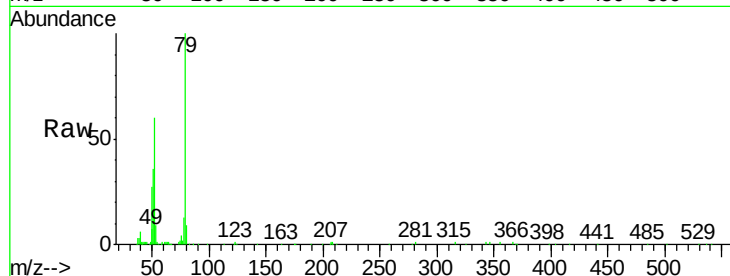
Tot Ion: 79 Resp: 128783

Ion Ratio Lower Upper

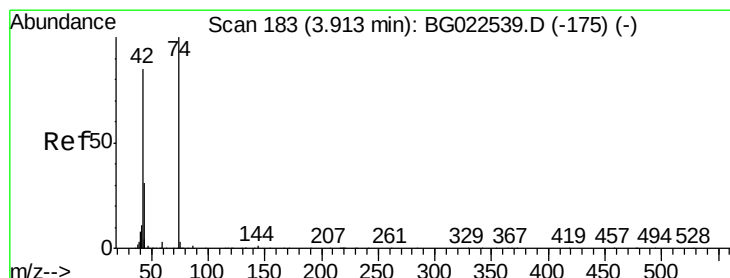
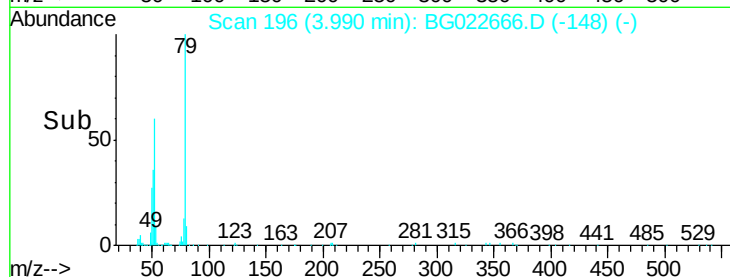
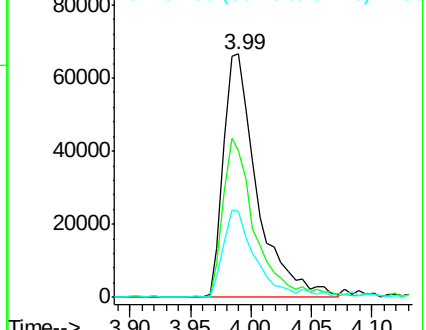
79 100

52 60.3 51.8 77.8

51 35.6 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 11.19 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

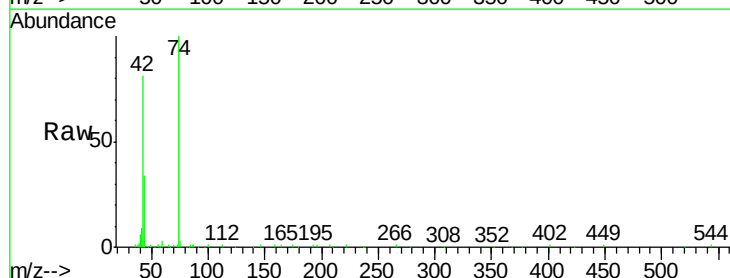
Tgt Ion: 42 Resp: 64773

Ion Ratio Lower Upper

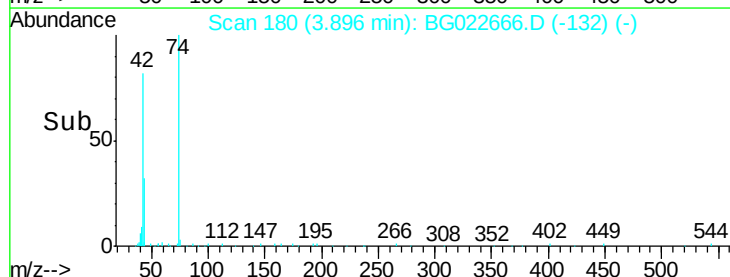
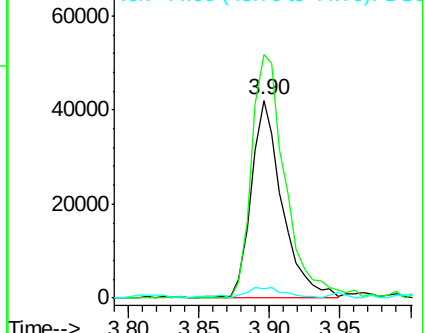
42 100

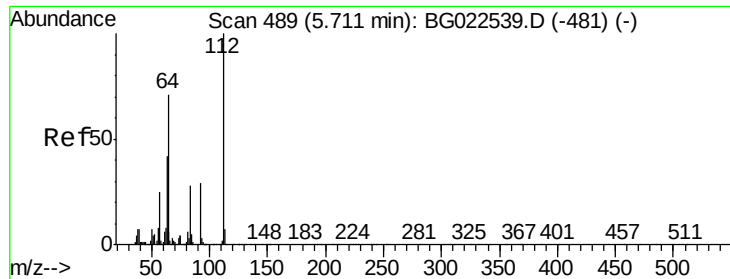
74 123.0 100.6 150.8

44 4.5 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 115.17 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

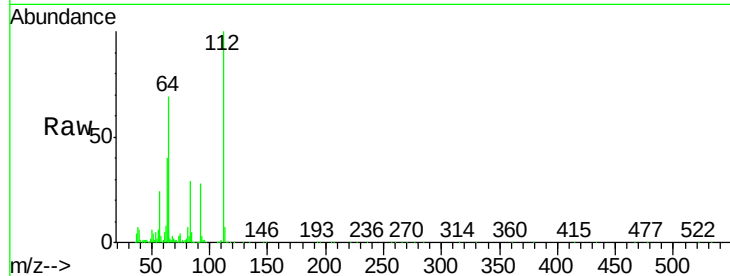
Tot Ion: 112 Resp: 1028386

Ion Ratio Lower Upper

112 100

64 69.3 59.0 88.4

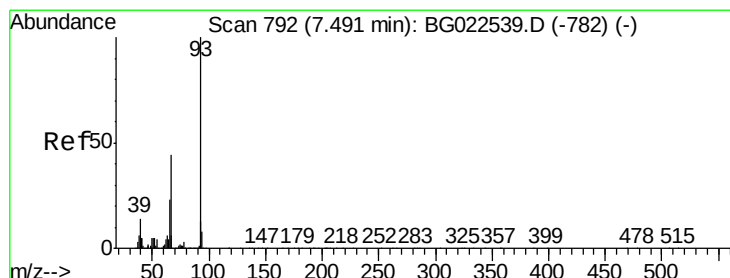
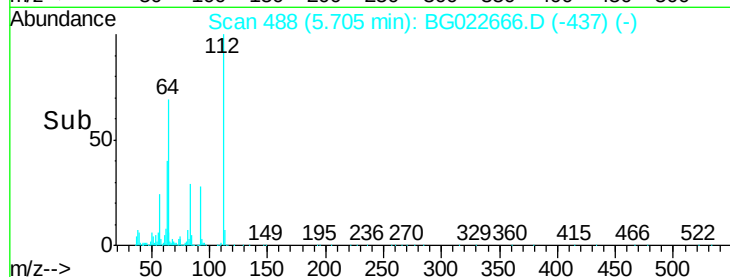
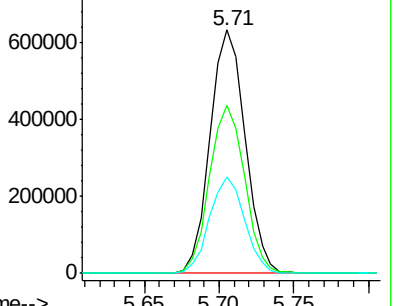
63 39.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 5.55 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

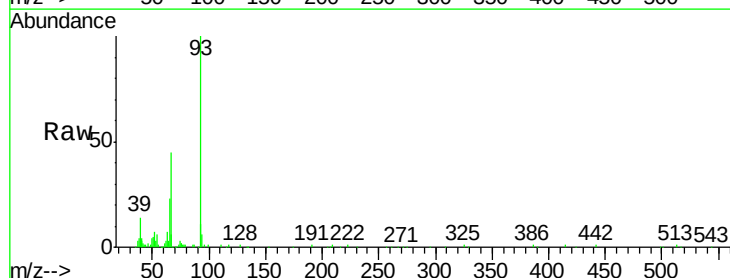
Tgt Ion: 93 Resp: 92547

Ion Ratio Lower Upper

93 100

66 45.0 37.5 56.3

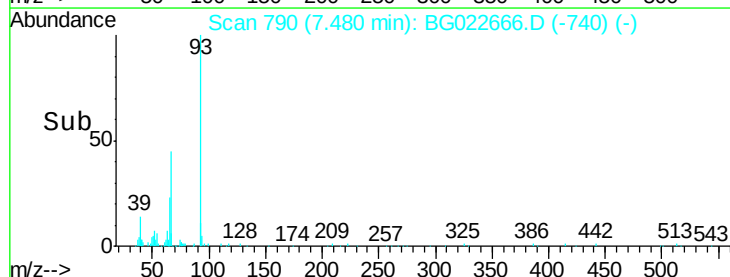
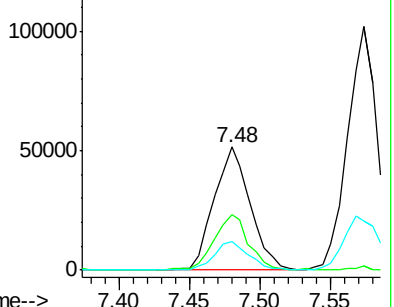
65 23.3 17.9 26.9

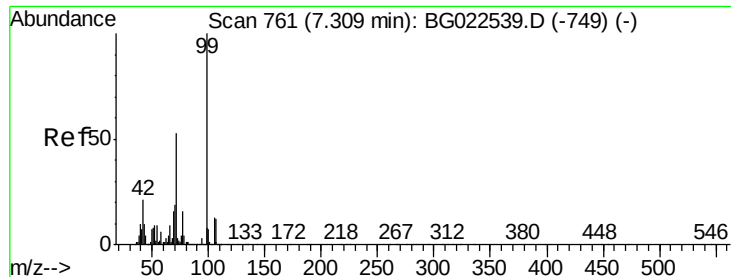


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.53 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

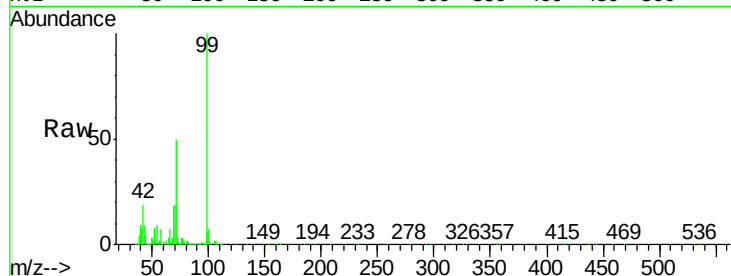
BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tot Ion: 99 Resp: 1491748

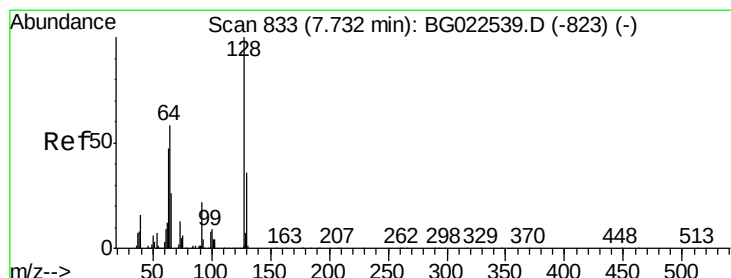
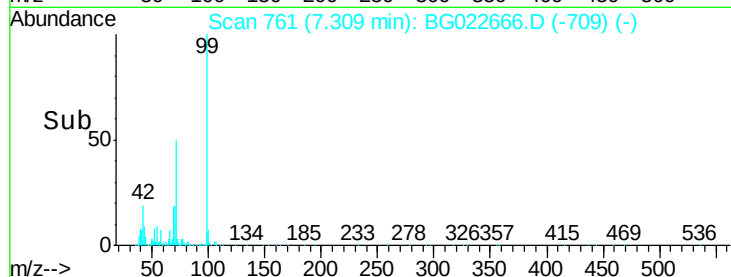
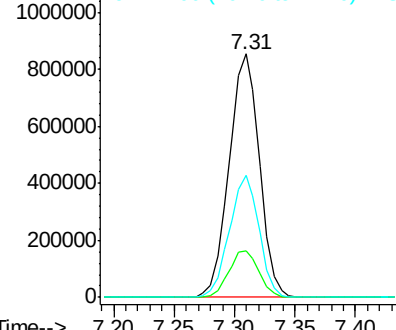
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	49.9	41.5	62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 14.64 ng

RT: 7.72 min Scan# 831

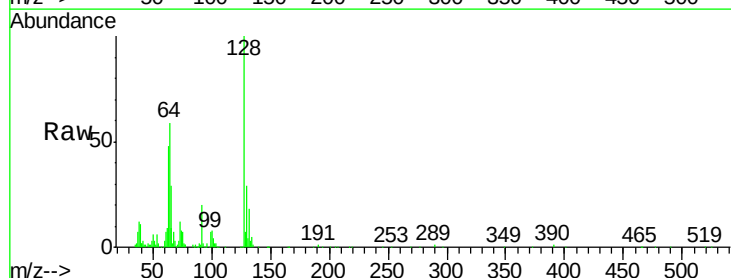
Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Tgt Ion: 128 Resp: 135411

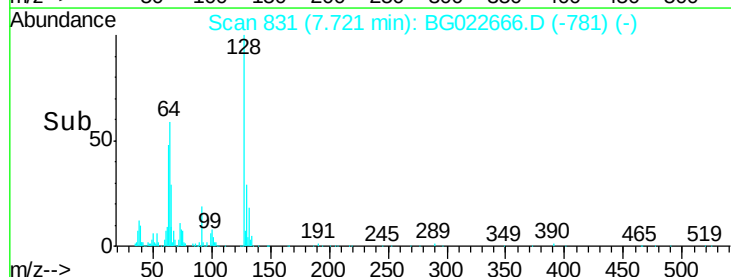
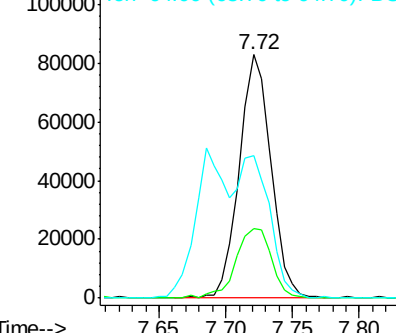
Ion	Ratio	Lower	Upper
128	100		
130	28.8	12.9	52.9
64	58.6	42.0	82.0

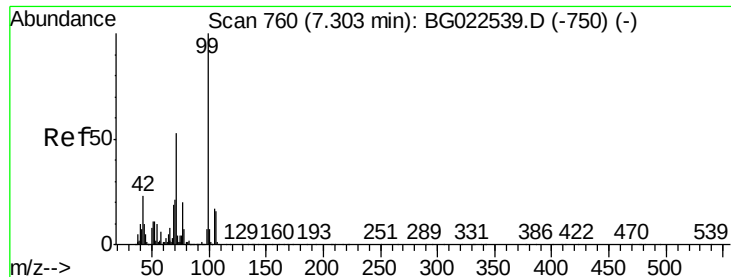


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.42 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

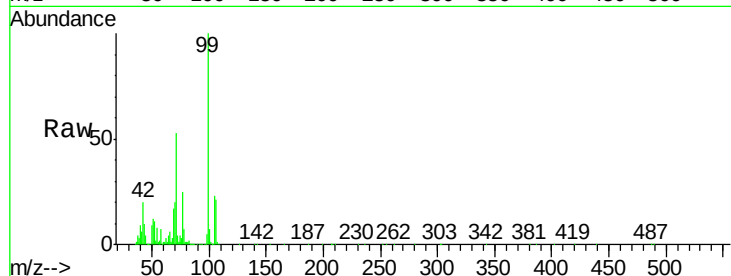
Tot Ion: 77 Resp: 148028

Ion Ratio Lower Upper

77 100

105 95.6 58.7 98.7

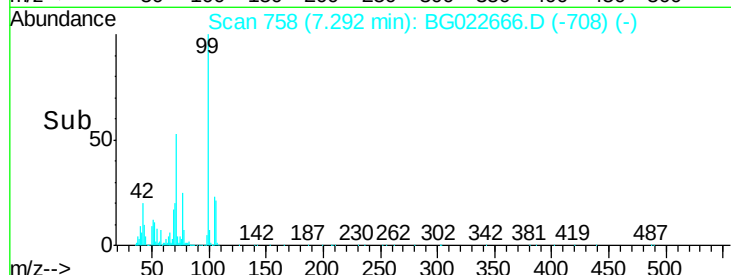
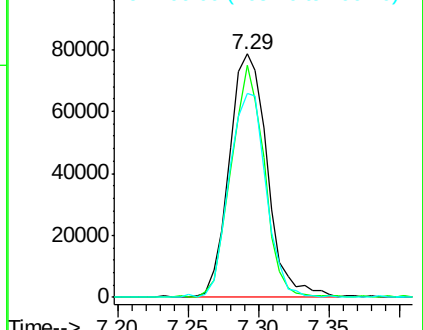
106 83.9 67.5 107.5



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: 15.37 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

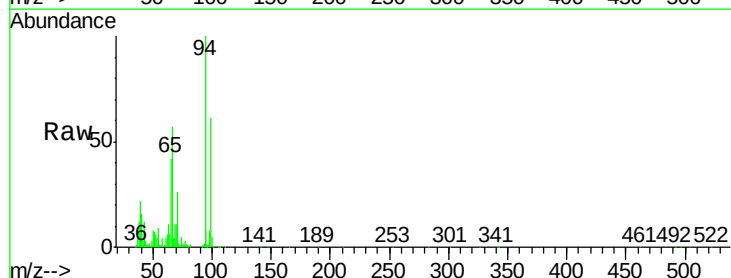
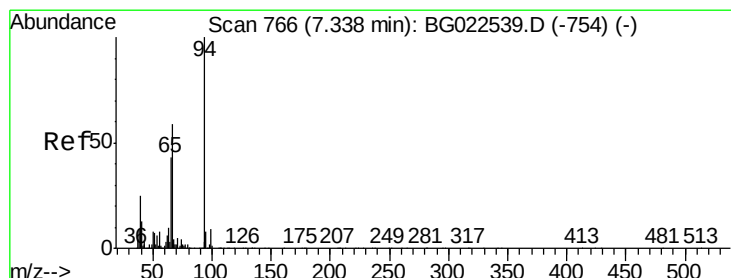
Tgt Ion: 94 Resp: 204460

Ion Ratio Lower Upper

94 100

65 41.7 18.1 58.1

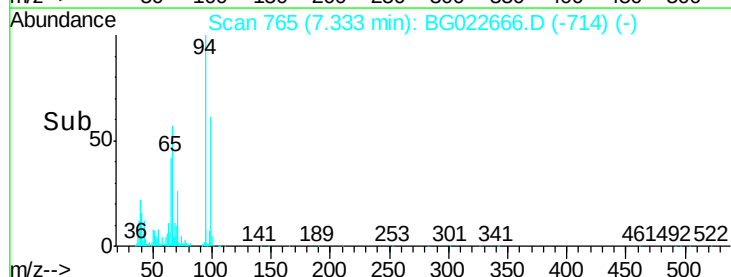
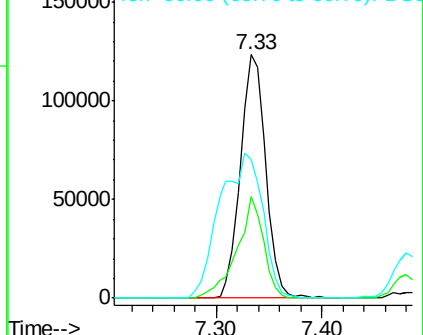
66 56.7 42.1 82.1

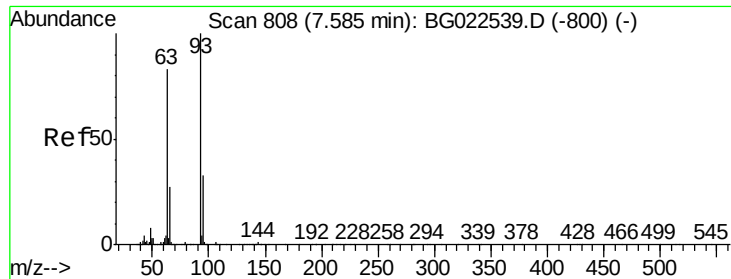


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

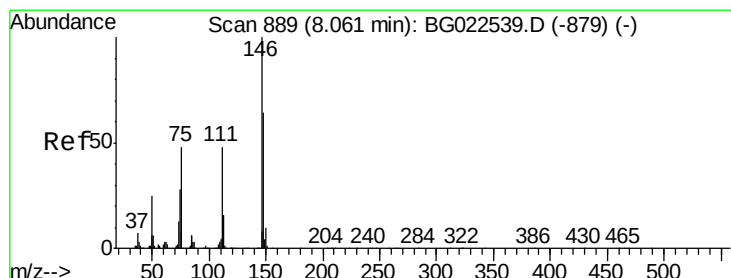
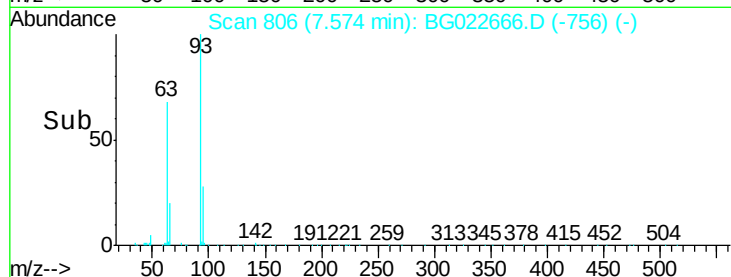
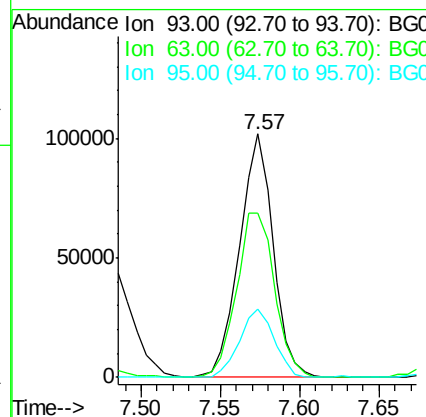
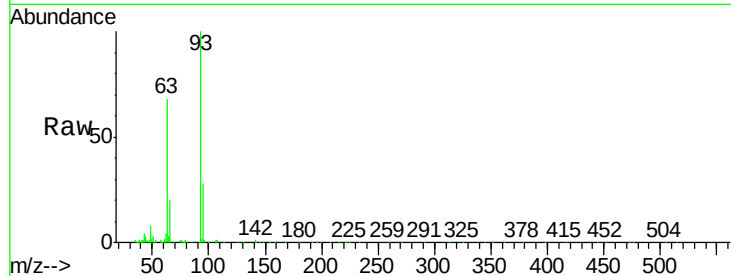




#11
bis(2-Chloroethyl)ether
Concen: 13.71 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

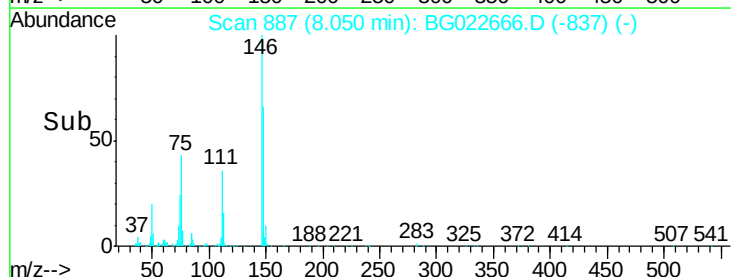
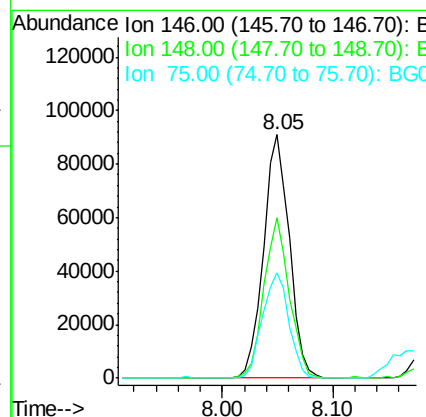
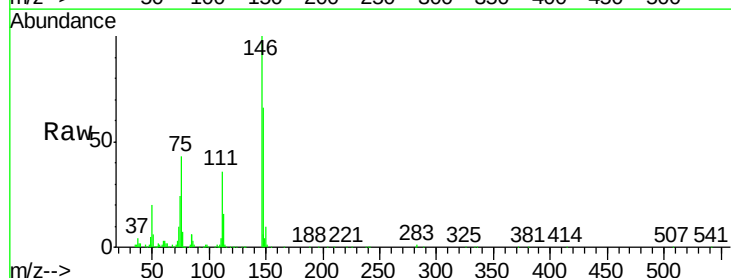
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

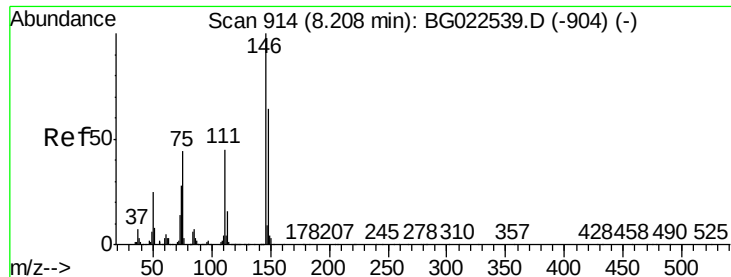
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.6	55.0	95.0
95	27.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 13.27 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.3	75.5
75	43.3	37.0	55.6

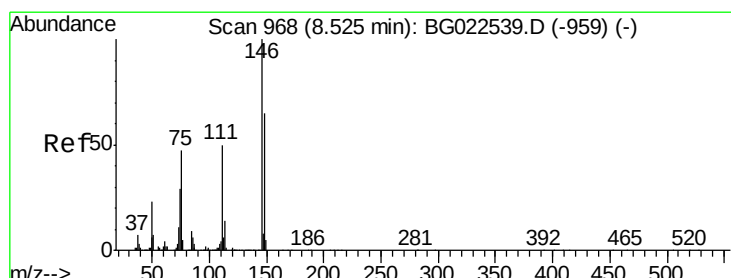
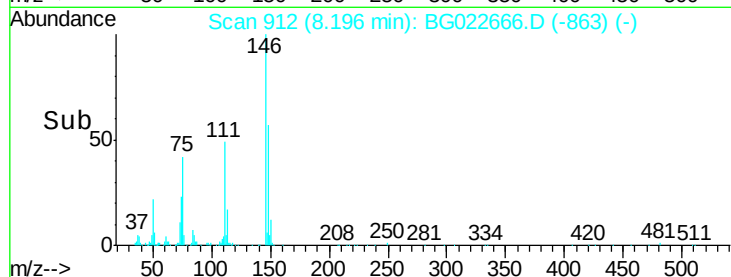
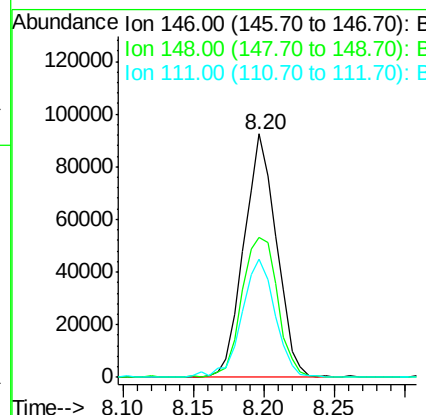
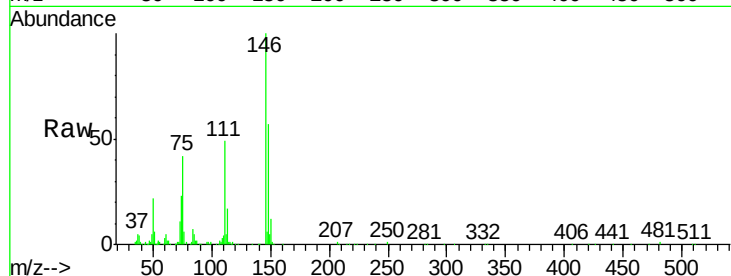




#13
1,4-Dichlorobenzene
Concen: 13.26 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

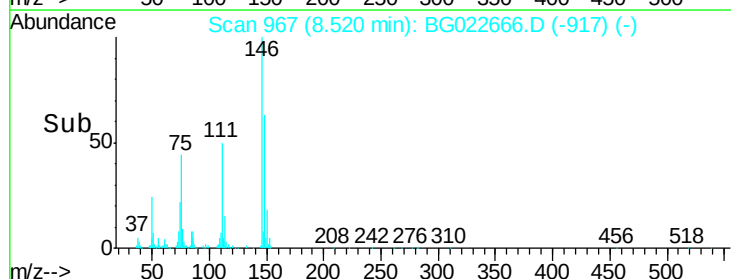
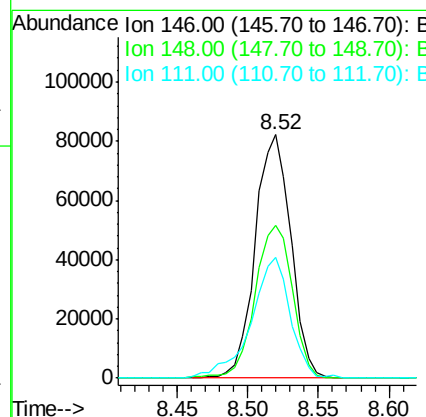
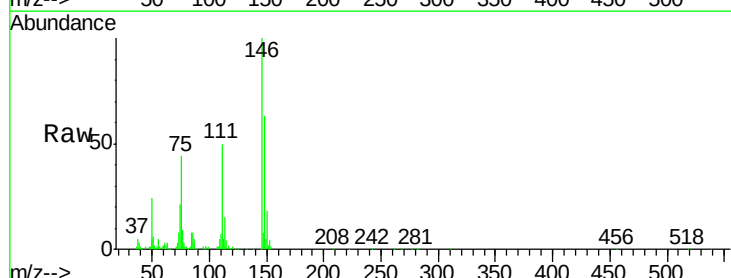
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

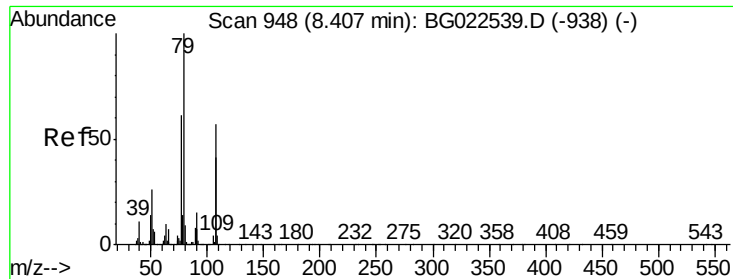
Tot Ion:146 Resp: 149630
Ion Ratio Lower Upper
146 100
148 57.3 54.5 81.7
111 48.6 37.8 56.8



#14
1,2-Dichlorobenzene
Concen: 13.60 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:146 Resp: 145897
Ion Ratio Lower Upper
146 100
148 62.5 52.9 79.3
111 49.7 43.5 65.3





#15

Benzyl Alcohol

Concen: 14.84 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

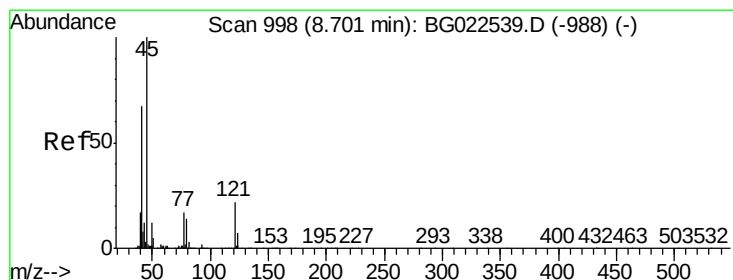
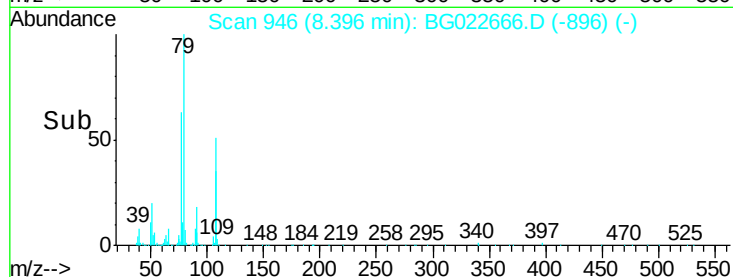
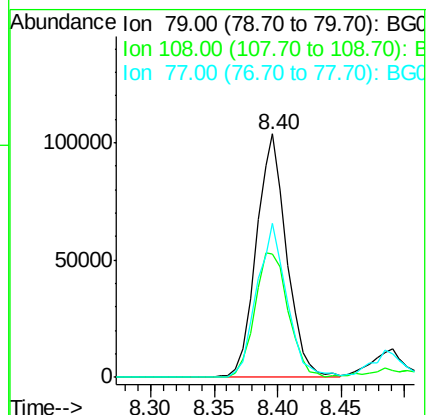
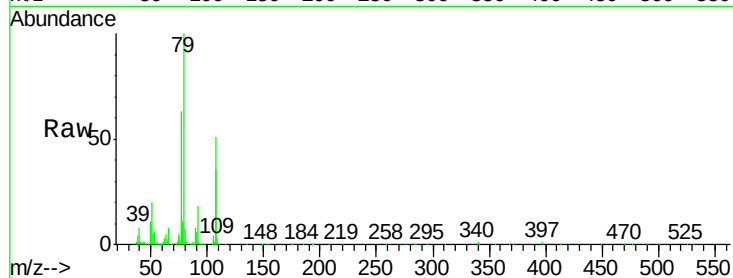
Tot Ion: 79 Resp: 172842

Ion Ratio Lower Upper

79 100

108 50.6 46.5 69.7

77 63.3 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 13.51 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

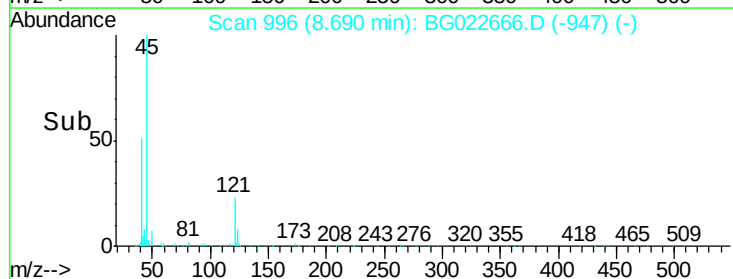
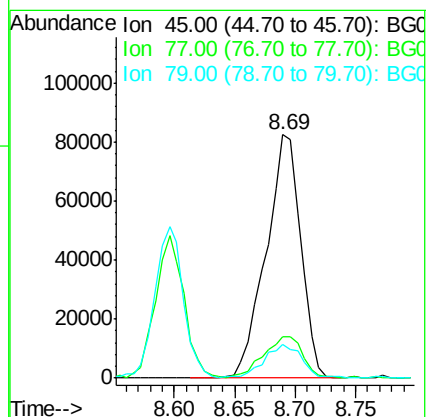
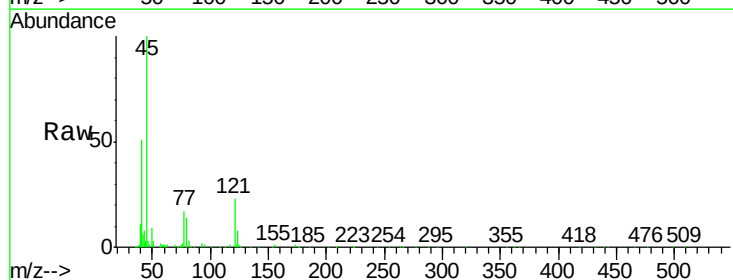
Tgt Ion: 45 Resp: 163580

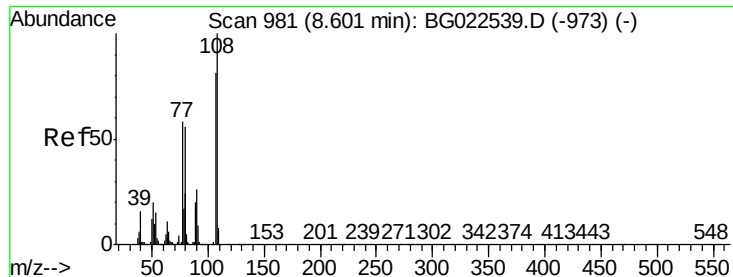
Ion Ratio Lower Upper

45 100

77 17.2 0.6 40.6

79 13.7 0.0 36.2





#17

2-Methylphenol

Concen: 15.08 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:107 Resp: 132236

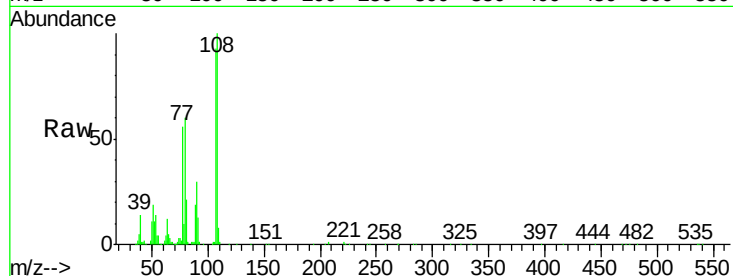
Ion Ratio Lower Upper

107 100

108 107.4 92.0 138.0

77 60.1 55.8 83.6

79 64.1 55.0 82.6

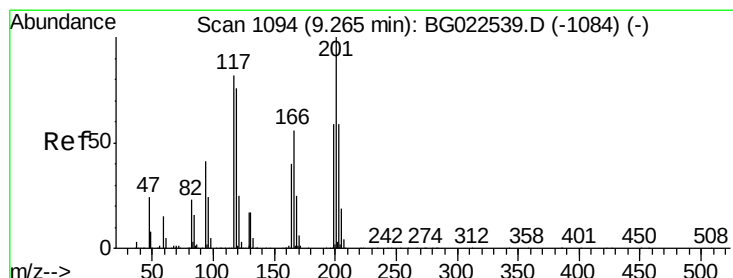
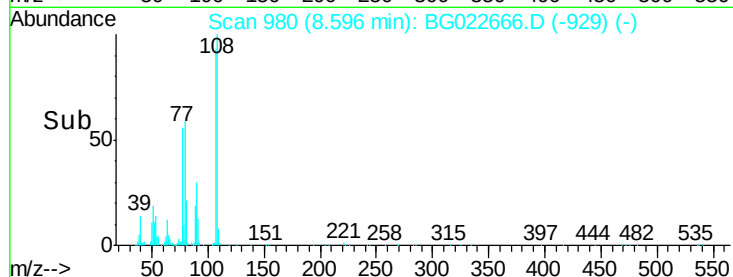
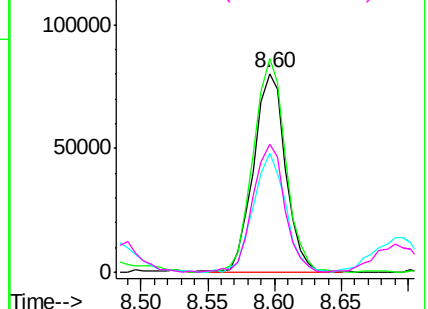


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 12.99 ng

RT: 9.25 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

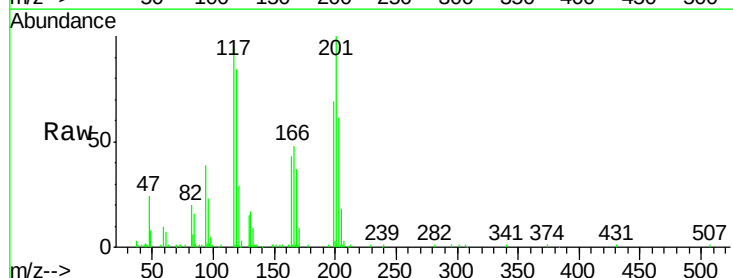
Tgt Ion:117 Resp: 60686

Ion Ratio Lower Upper

117 100

119 87.2 73.7 110.5

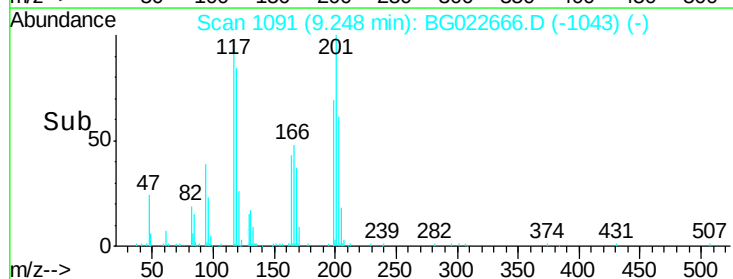
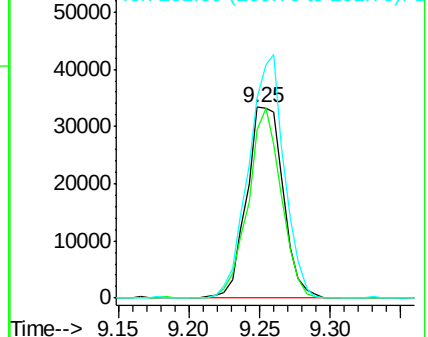
201 103.8 88.7 133.1

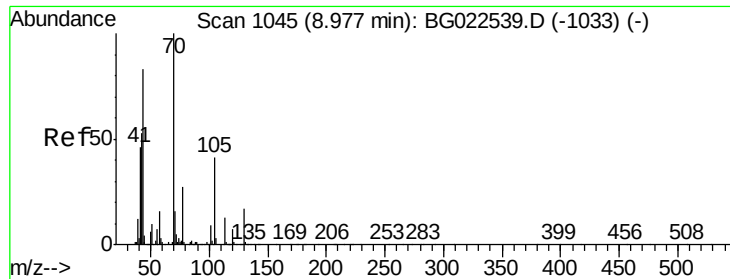


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

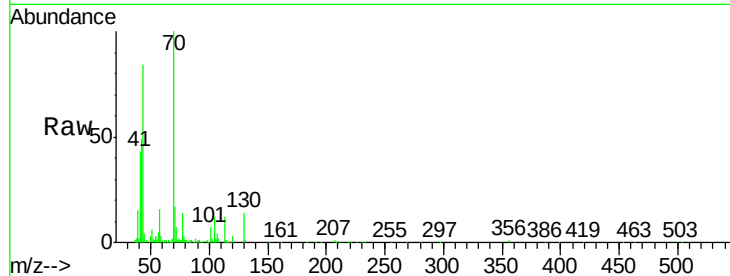




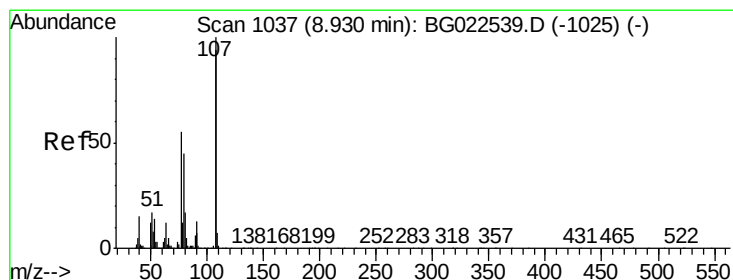
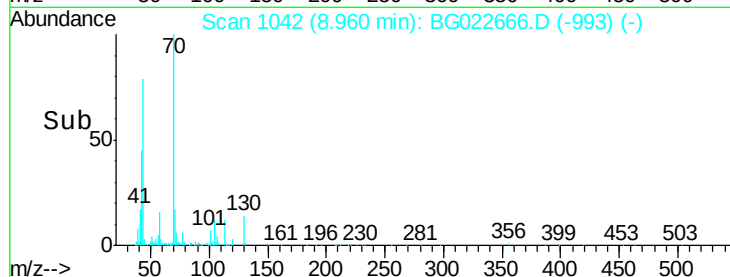
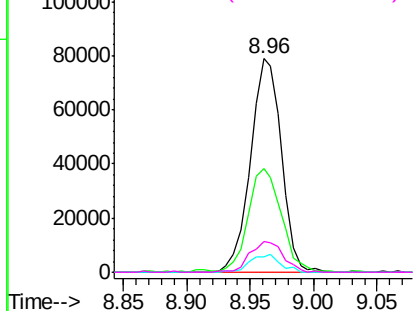
#19
n-Nitroso-di-n-propylamine
Concen: 12.75 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:	70	Resp:	133643
Ion	Ratio	Lower	Upper
70	100		
42	48.5	42.1	63.1
101	7.4	7.2	10.8
130	14.3	14.2	21.2

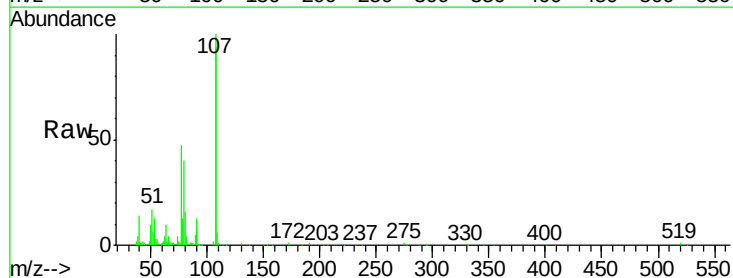


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

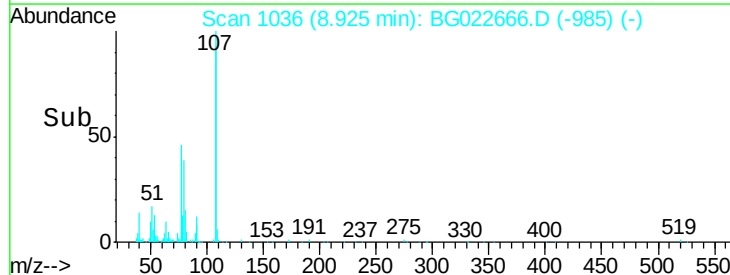
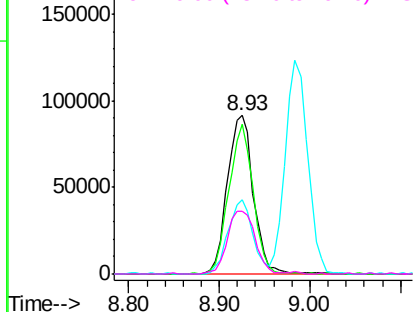


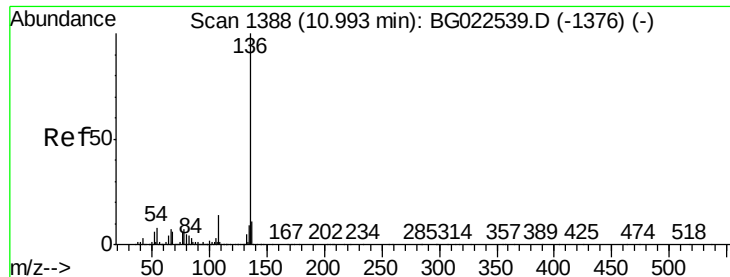
#20
3+4-Methylphenols
Concen: 15.09 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:	107	Resp:	182273
Ion	Ratio	Lower	Upper
107	100		
108	94.4	72.5	112.5
77	47.1	30.1	70.1
79	39.8	24.2	64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

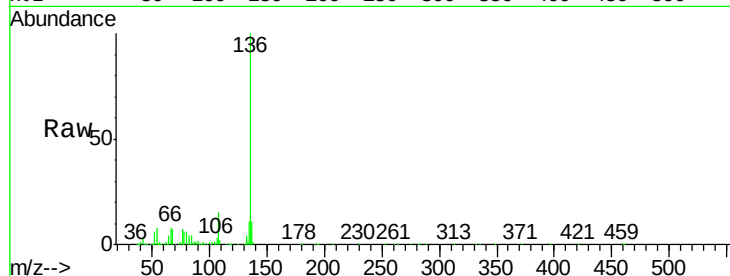




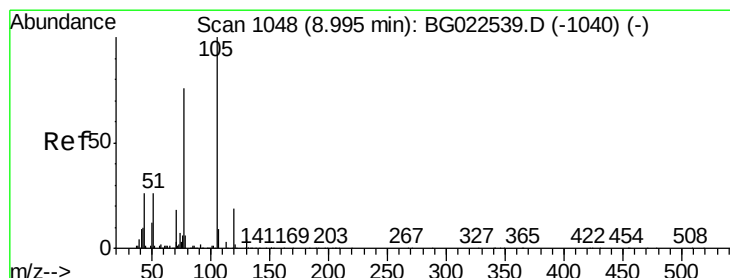
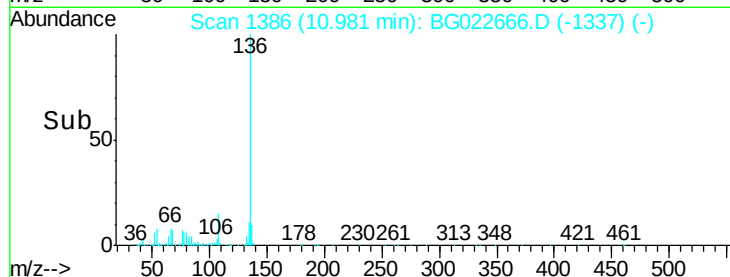
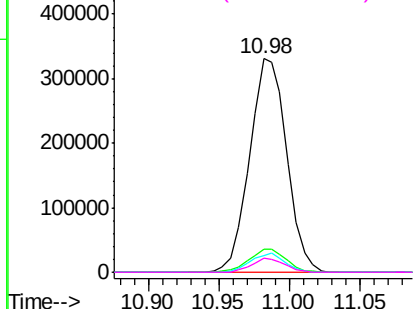
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:136	Resp: 608220
Ion Ratio	Lower Upper
136 100	
137 10.5	9.6 14.4
54 8.0	7.3 10.9
68 6.8	5.3 7.9

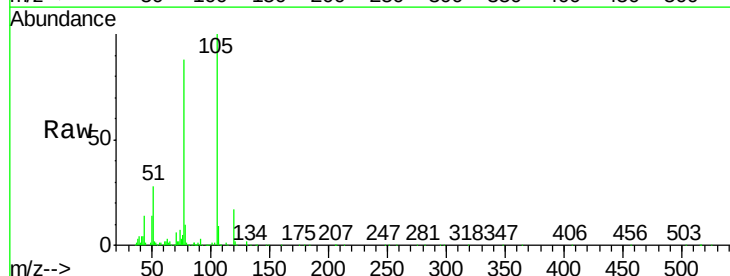


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

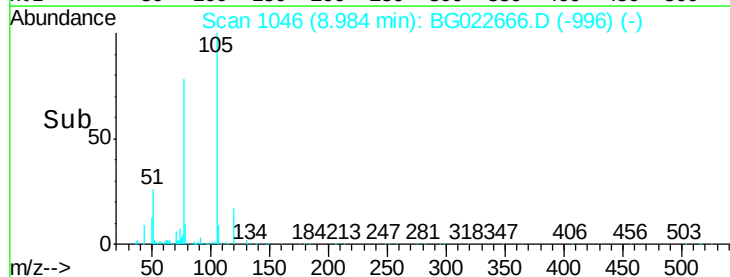
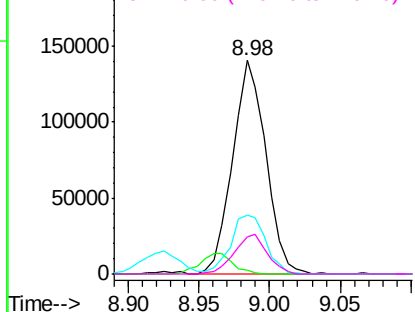


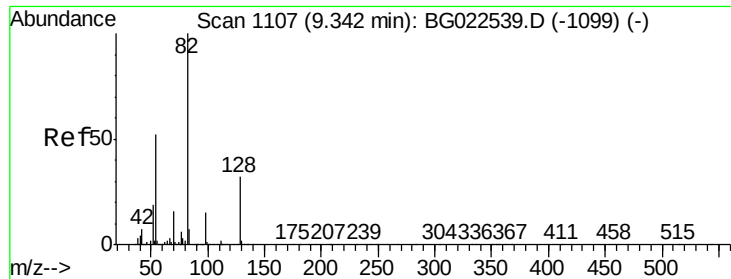
#22
Acetophenone
Concen: 13.16 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt	Ion:105	Resp:	231366
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.6	3.8#
51	27.8	27.1	40.7
120	17.4	15.1	22.7



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

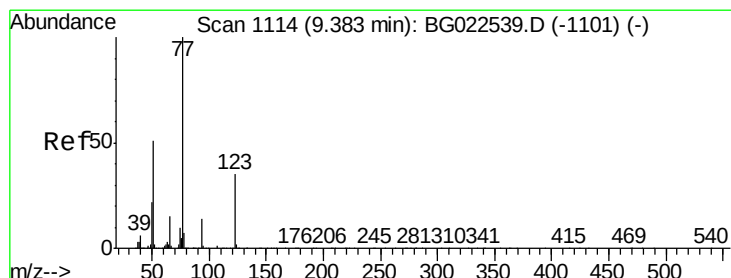
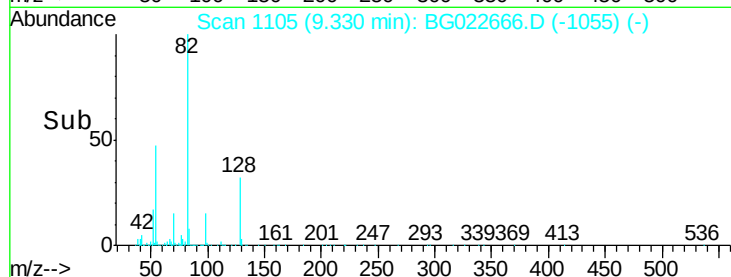
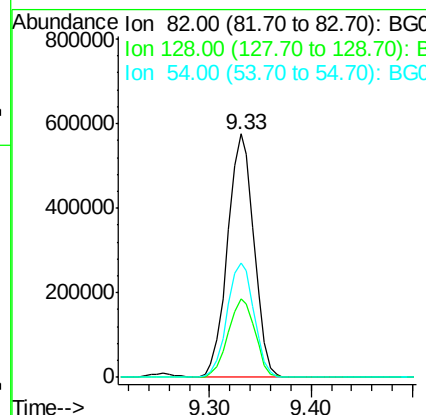
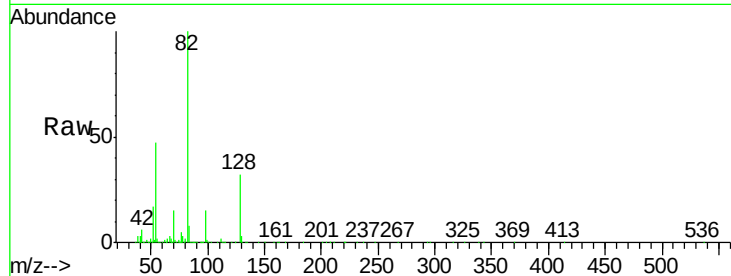




#23
 Nitrobenzene-d5
 Concen: 71.89 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

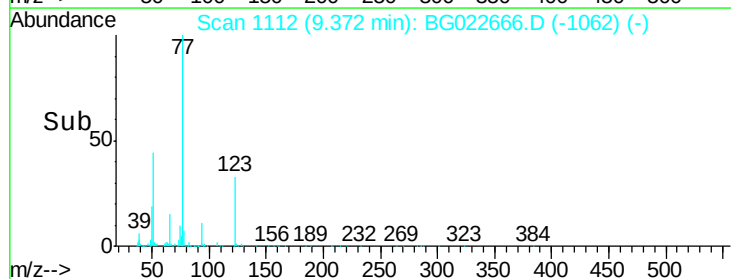
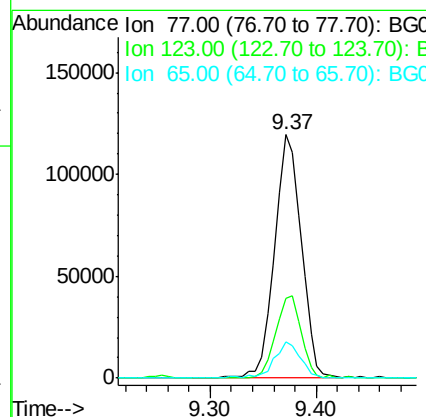
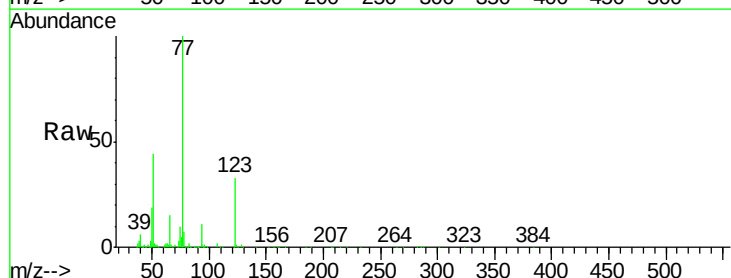
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

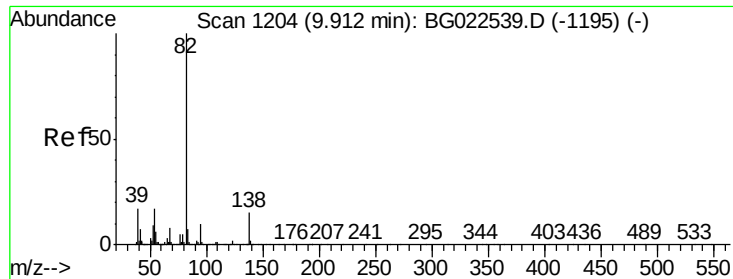
Tot Ion: 82 Resp: 1033046
 Ion Ratio Lower Upper
 82 100
 128 32.3 24.4 36.6
 54 47.0 41.4 62.0



#24
 Nitrobenzene
 Concen: 13.15 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

Tgt Ion: 77 Resp: 208807
 Ion Ratio Lower Upper
 77 100
 123 32.9 25.0 37.6
 65 15.1 13.4 20.0





#25

Isophorone

Concen: 12.87 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

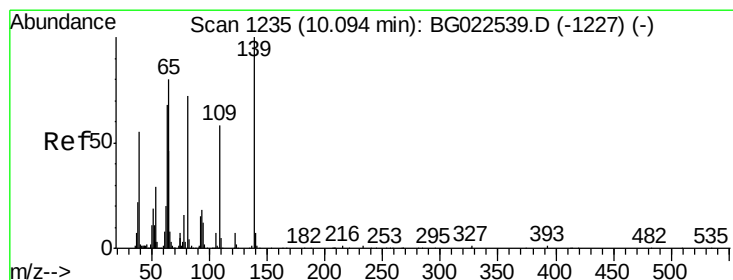
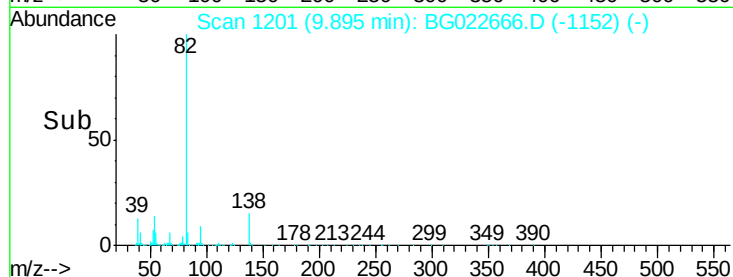
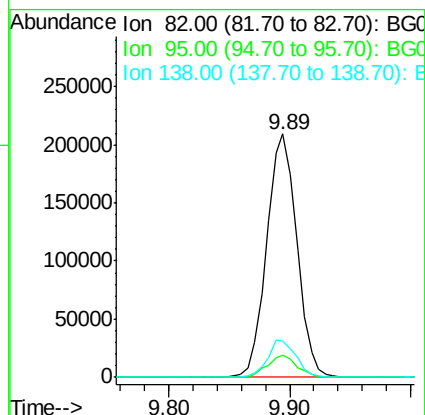
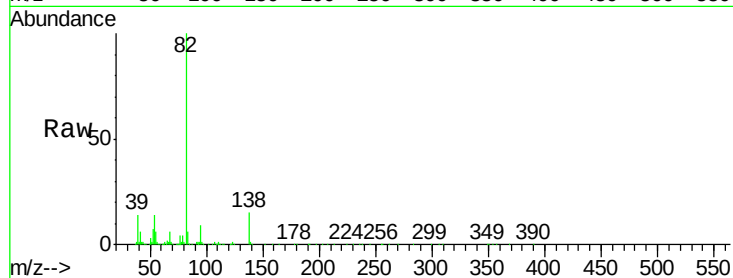
Tot Ion: 82 Resp: 359159

Ion Ratio Lower Upper

82 100

95 9.2 8.2 12.2

138 14.7 10.7 16.1



#26

2-Nitrophenol

Concen: 13.70 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

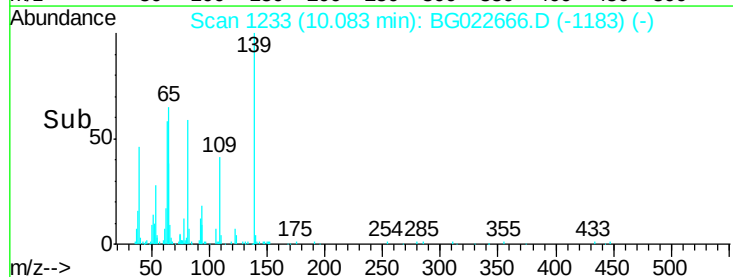
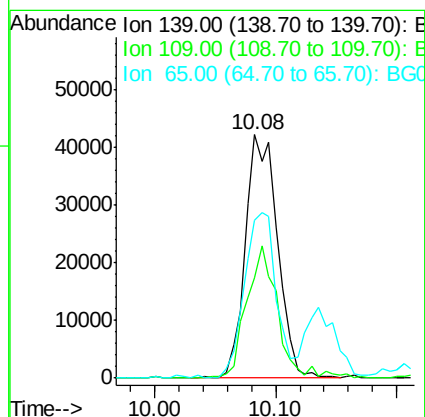
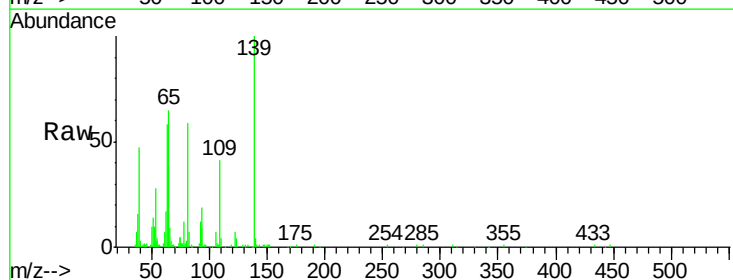
Tgt Ion: 139 Resp: 78401

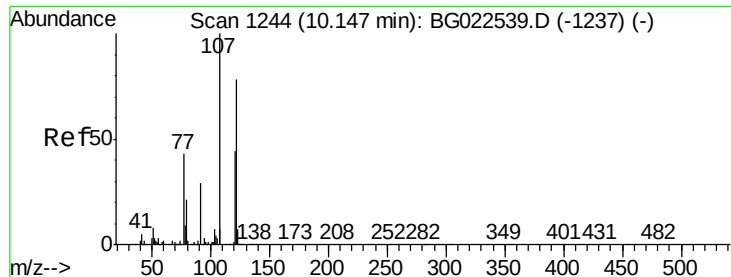
Ion Ratio Lower Upper

139 100

109 41.4 43.5 65.3#

65 65.0 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 13.23 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

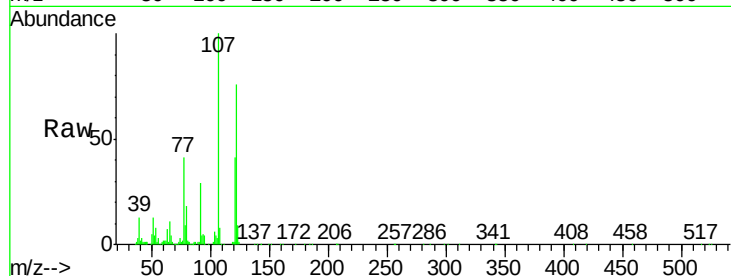
Tot Ion:122 Resp: 144653

Ion Ratio Lower Upper

122 100

107 131.2 117.0 175.4

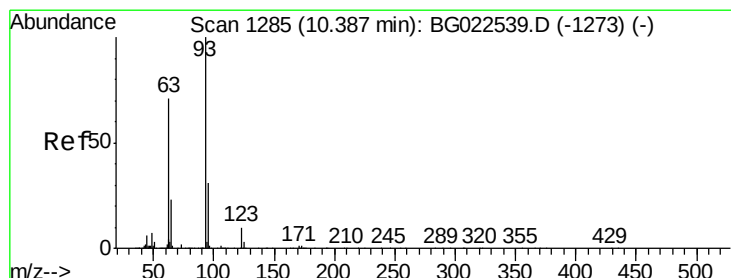
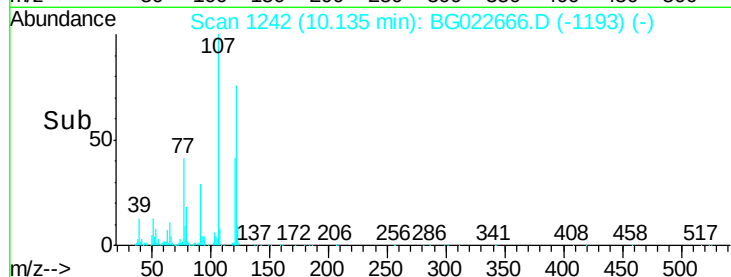
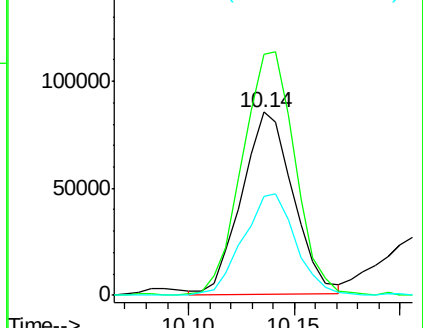
121 54.1 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 13.79 ng

RT: 10.38 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

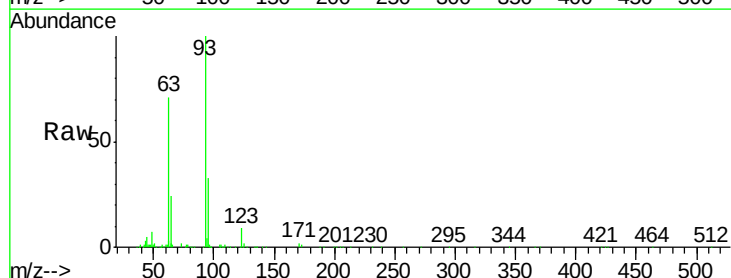
Tgt Ion: 93 Resp: 210098

Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.2

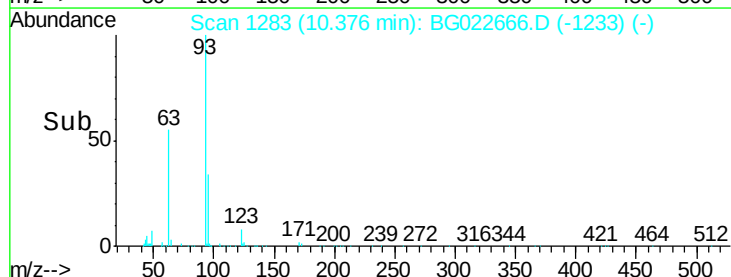
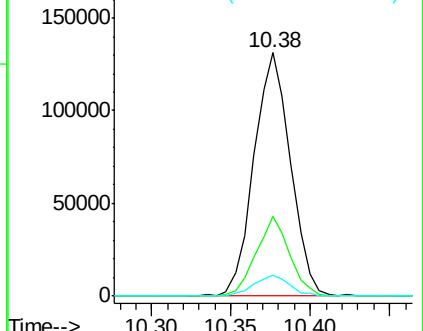
123 8.6 8.2 12.2

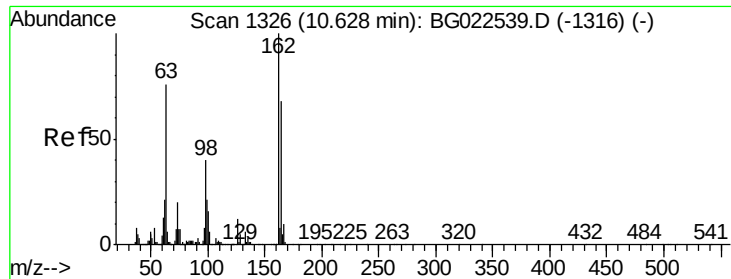


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

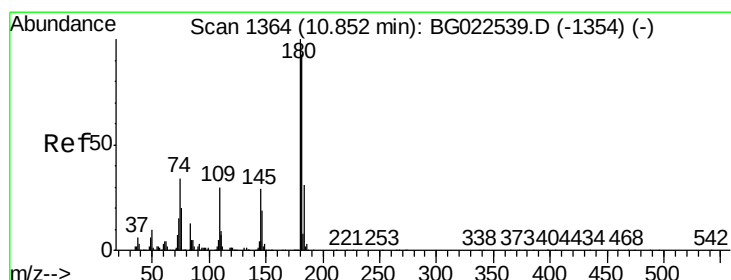
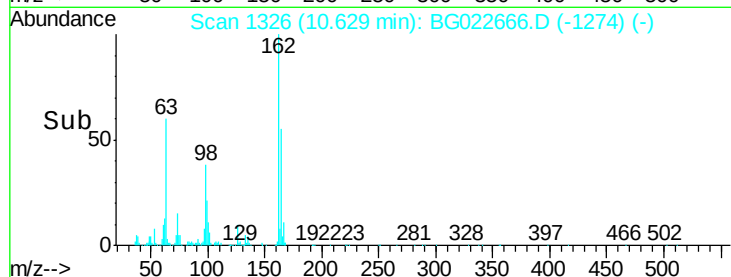
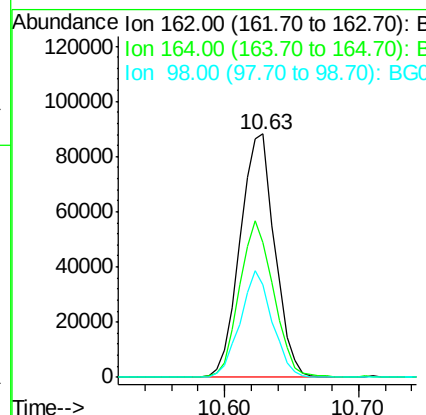
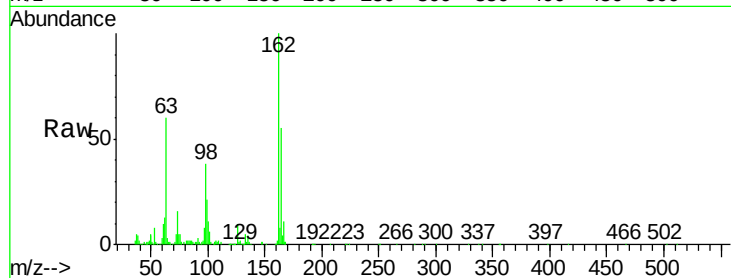




#29
 2,4-Dichlorophenol
 Concen: 14.86 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

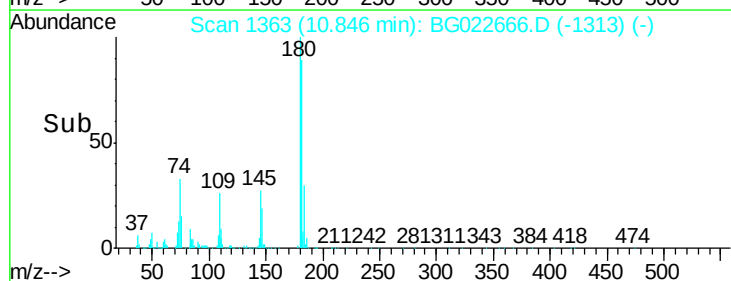
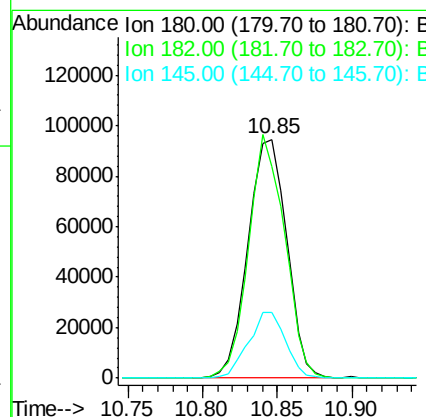
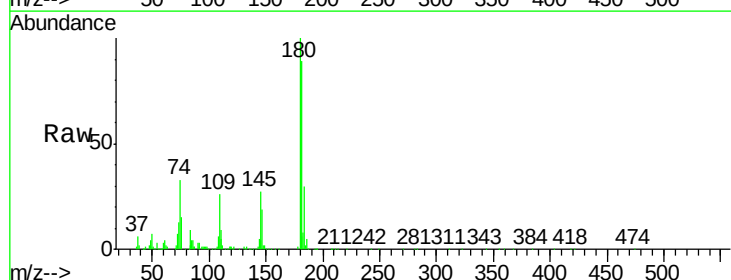
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

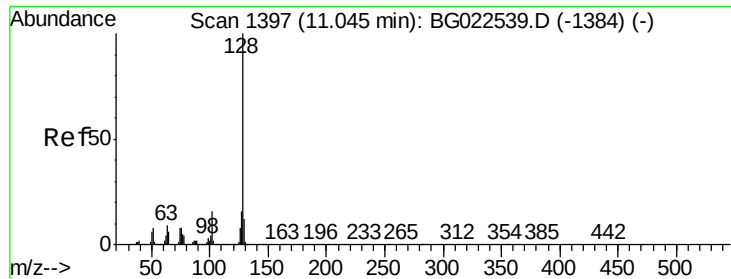
Tot Ion	Ratio	Lower	Upper
162	100		
164	55.2	44.3	84.3
98	38.0	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 13.46 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.7	73.8	110.8
145	27.3	24.4	36.6

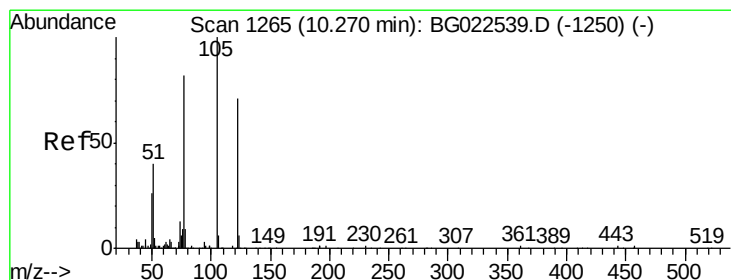
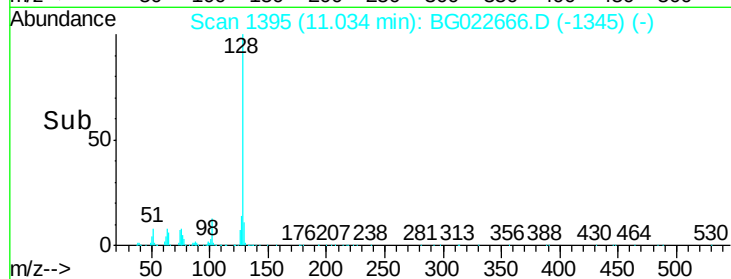
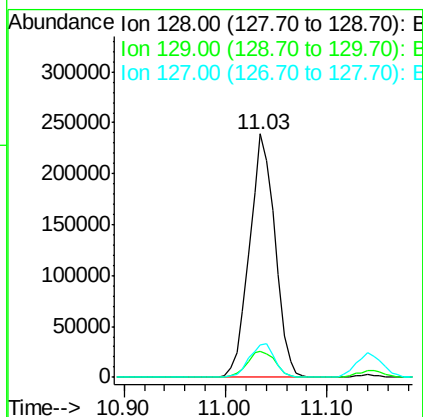
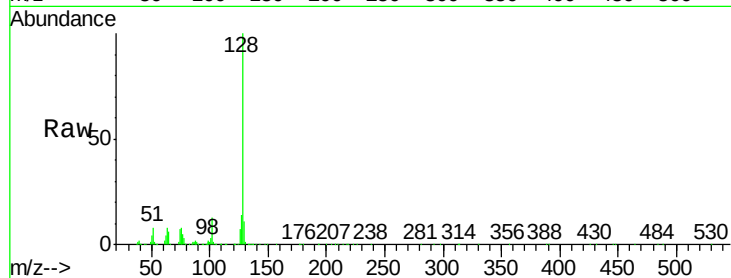




#31
Naphthalene
Concen: 13.65 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

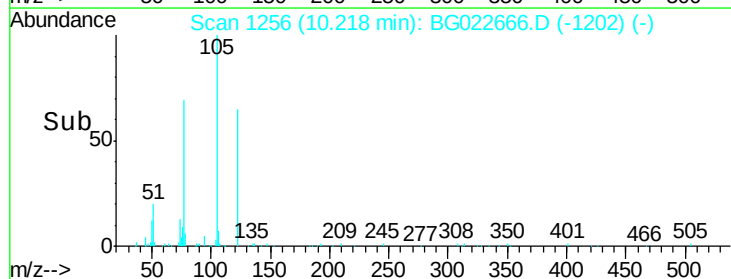
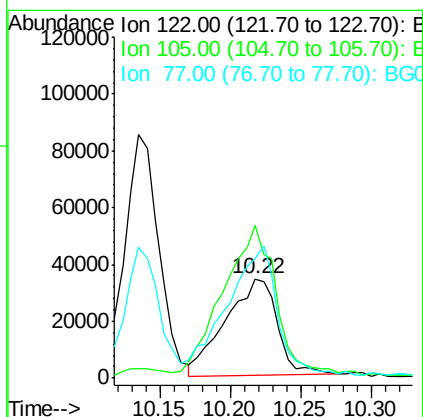
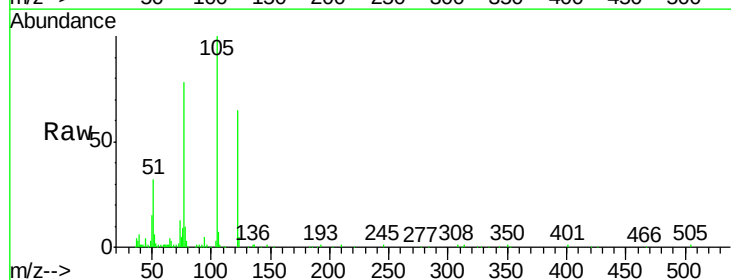
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

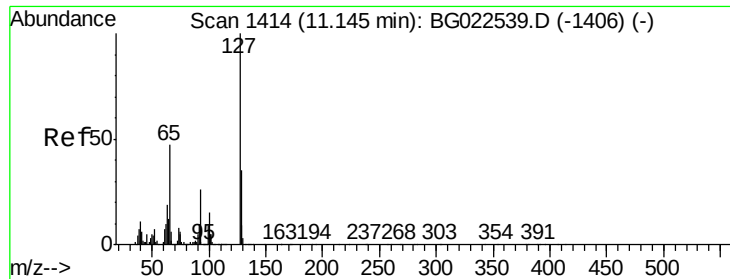
Tot Ion:128 Resp: 417290
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.6 11.3 16.9



#32
Benzoic acid
Concen: 16.05 ng
RT: 10.22 min Scan# 1256
Delta R.T. 0.02 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:122 Resp: 87450
Ion Ratio Lower Upper
122 100
105 154.0 117.2 157.2
77 120.9 109.2 149.2

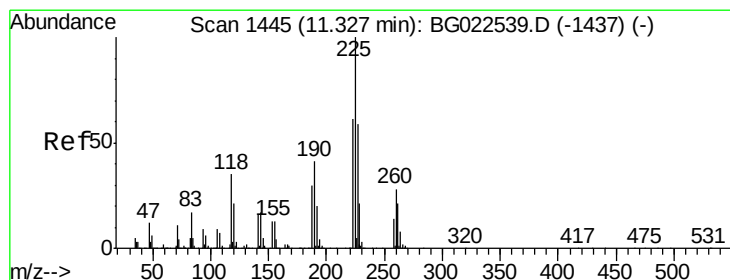
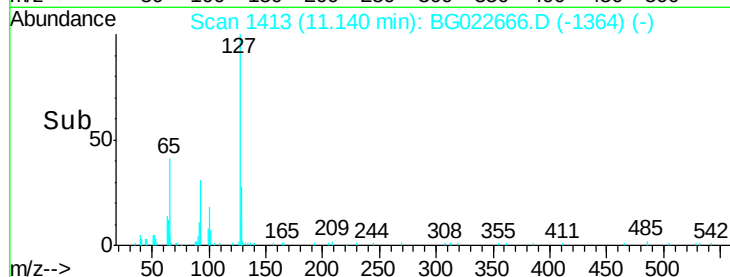
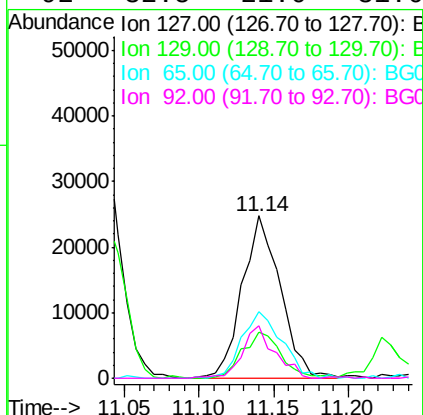
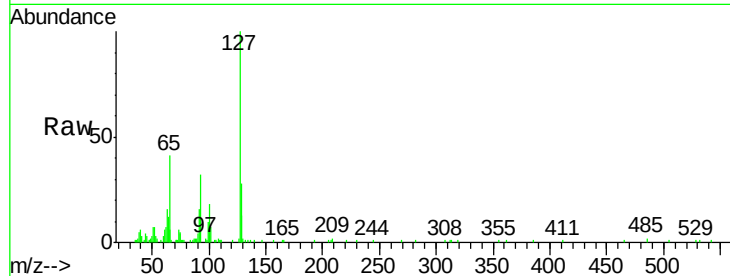




#33
4-Chloroaniline
Concen: 3.34 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

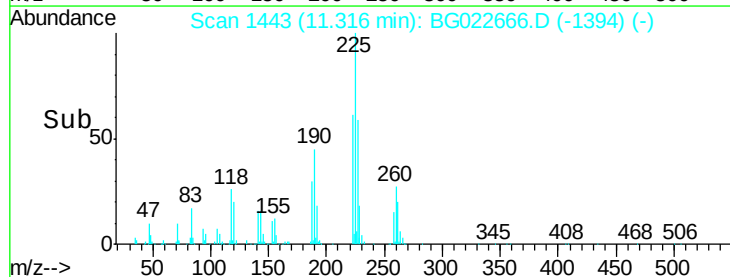
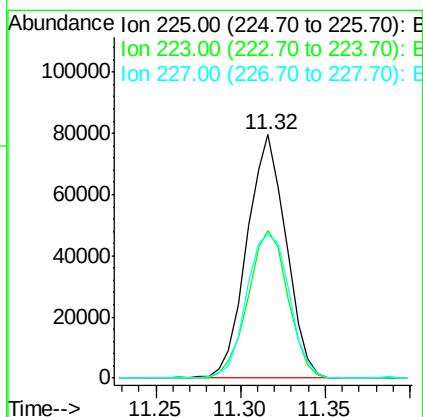
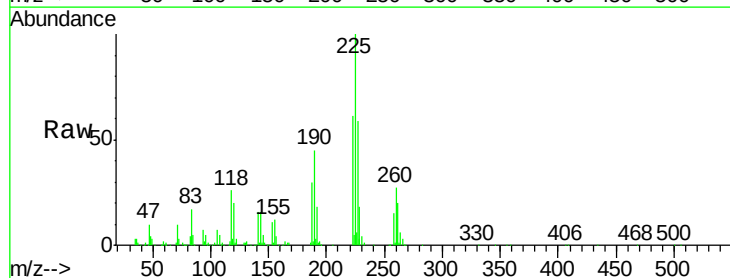
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

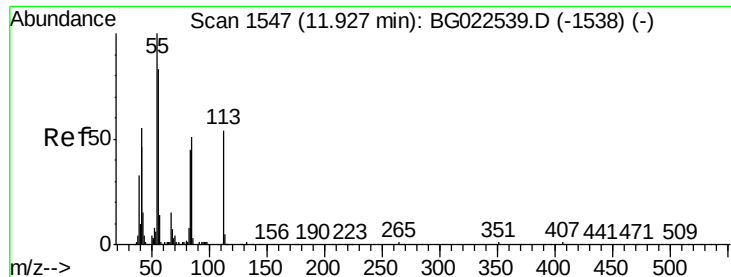
Tot Ion:	127	Resp:	43949
Ion	Ratio	Lower	Upper
127	100		
129	28.5	27.9	41.9
65	40.9	36.8	55.2
92	32.5	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 13.06 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:	225	Resp:	128334
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.6	74.4
227	59.3	54.5	81.7





#35

Caprolactam

Concen: 16.42 ng

RT: 11.90 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

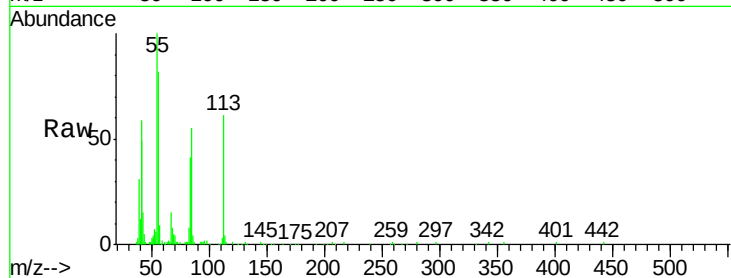
Tot Ion:113 Resp: 55082

Ion Ratio Lower Upper

113 100

55 164.9 154.5 194.5

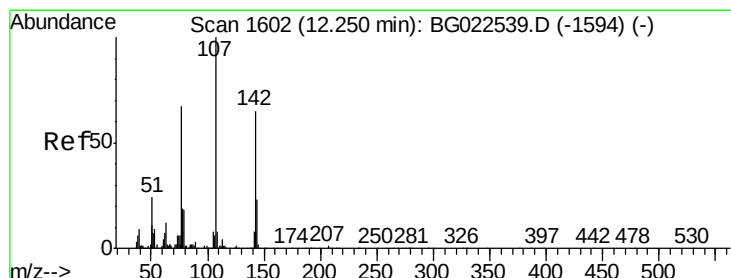
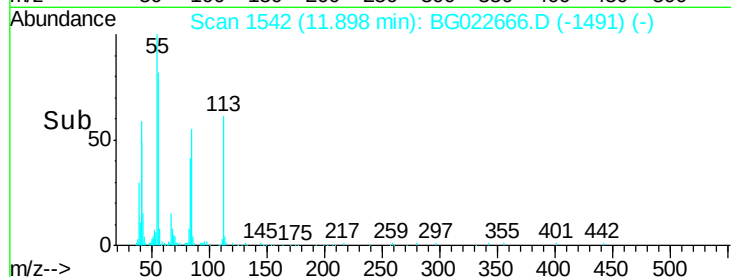
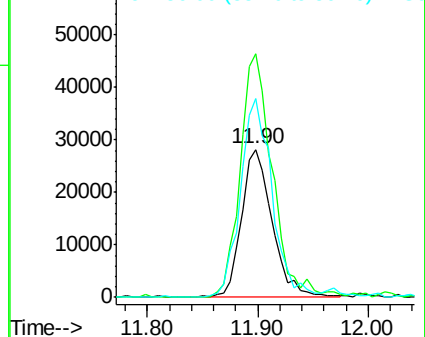
56 134.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 14.69 ng

RT: 12.24 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

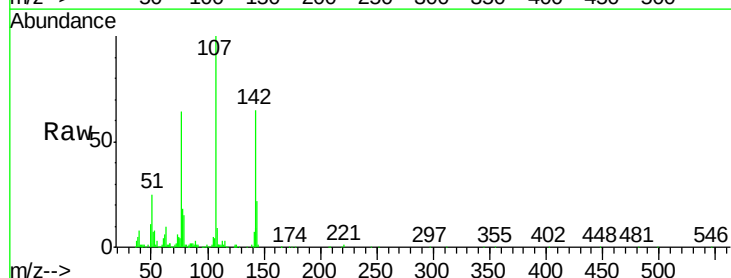
Tgt Ion:107 Resp: 192006

Ion Ratio Lower Upper

107 100

144 22.4 17.0 25.6

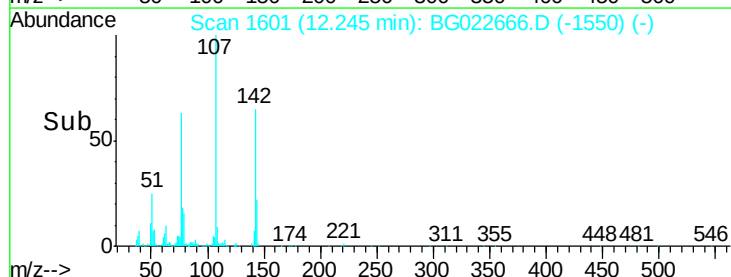
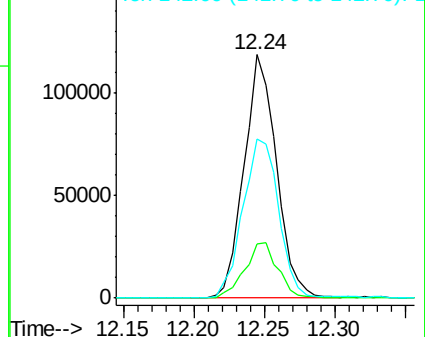
142 65.2 53.0 79.6

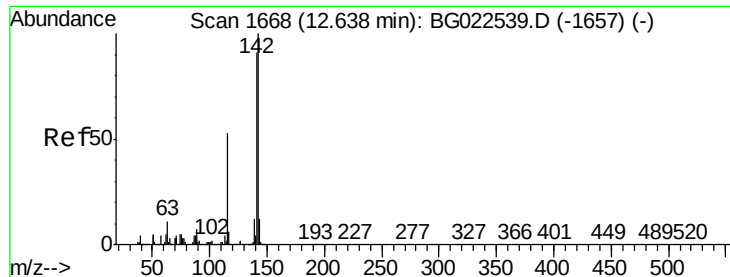


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 13.73 ng

RT: 12.63 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

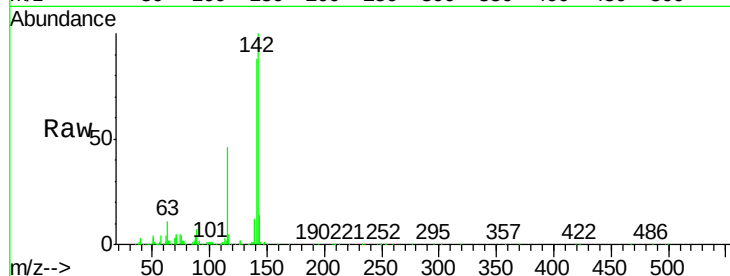
Tot Ion:142 Resp: 325519

Ion Ratio Lower Upper

142 100

141 88.5 70.2 105.2

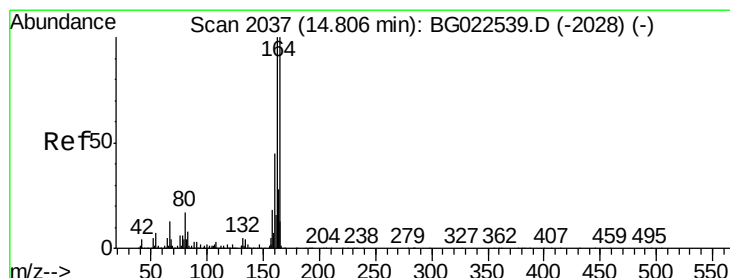
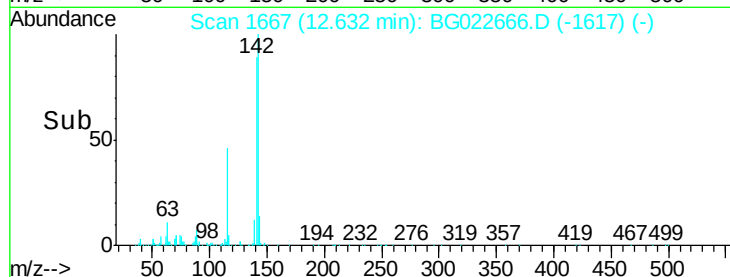
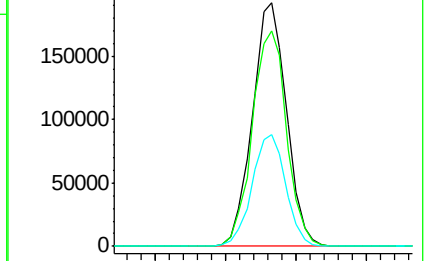
115 46.1 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

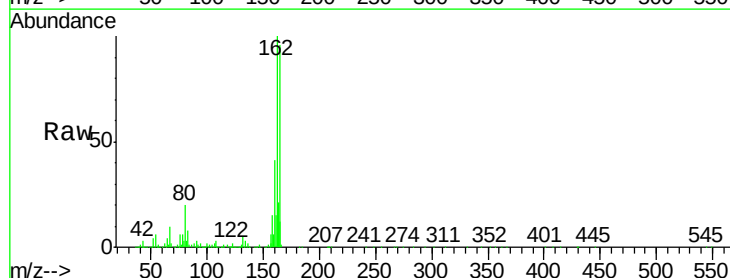
Tgt Ion:164 Resp: 452143

Ion Ratio Lower Upper

164 100

162 104.0 87.7 131.5

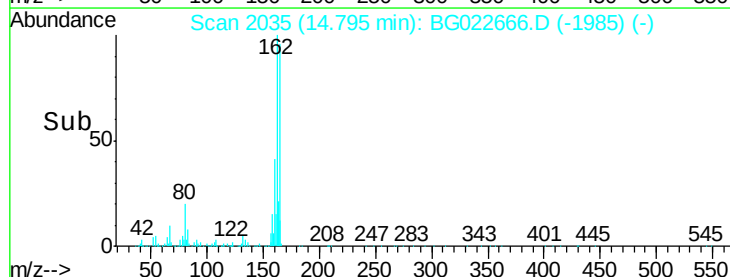
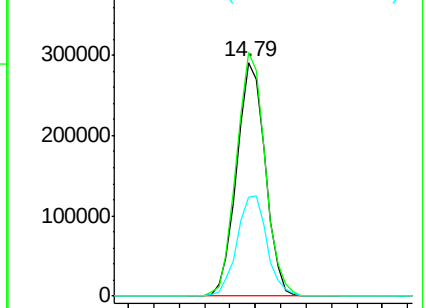
160 42.4 37.2 55.8

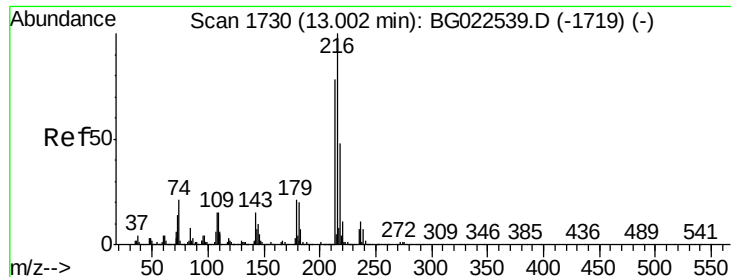


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

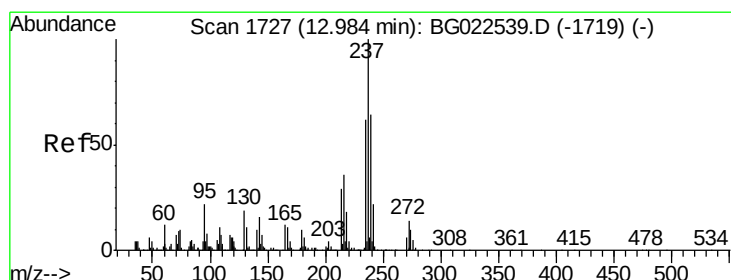
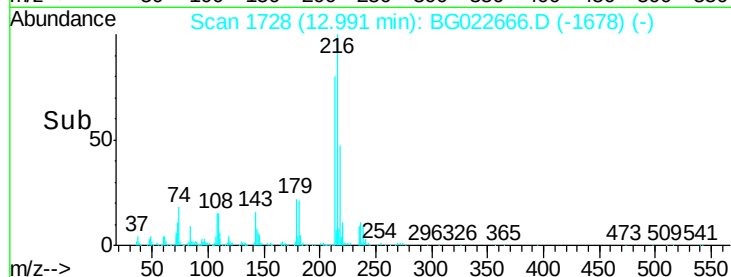
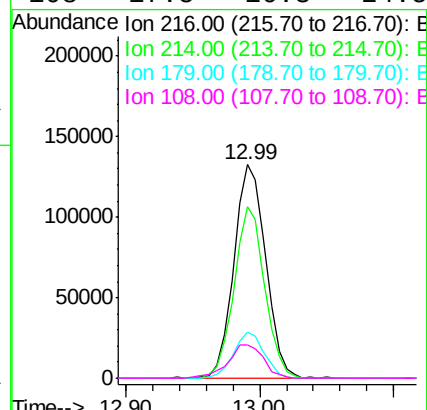
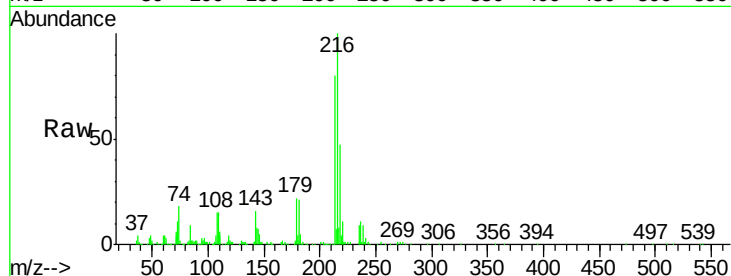




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.82 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

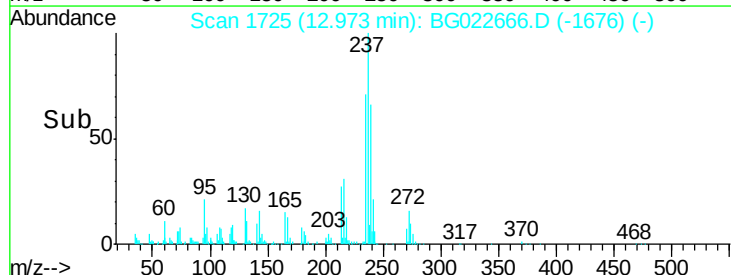
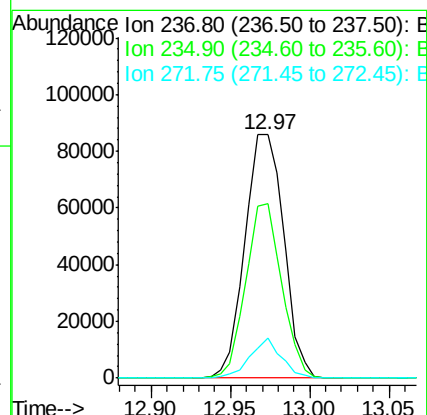
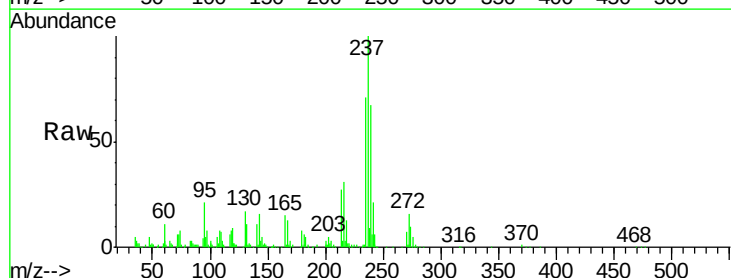
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

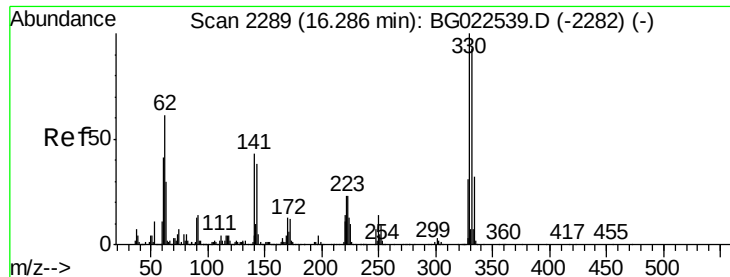
Tot Ion:	216	Resp:	218850
Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.9	94.3
179	21.0	17.2	25.8
108	17.5	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 10.75 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

Tgt Ion:	237	Resp:	146555
Ion	Ratio	Lower	Upper
237	100		
235	71.4	43.1	83.1
272	16.4	0.0	30.9

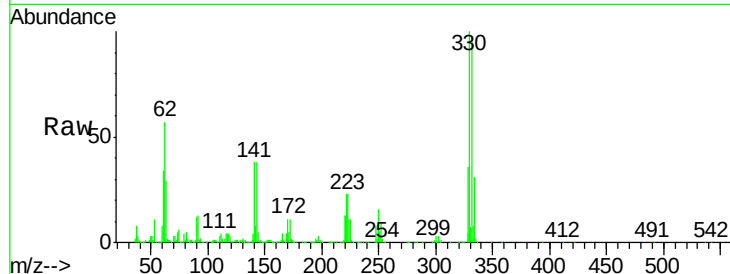




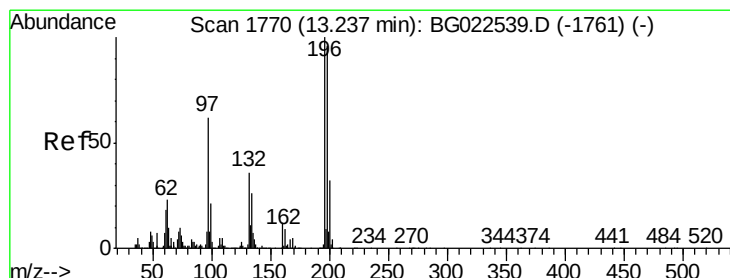
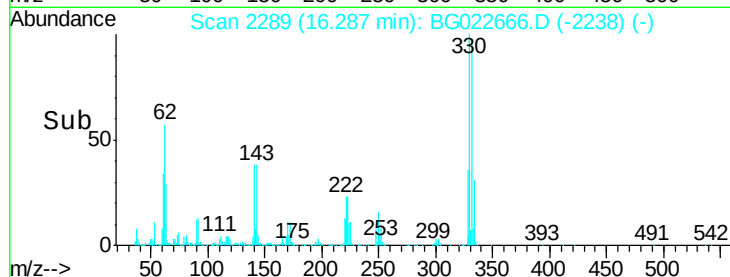
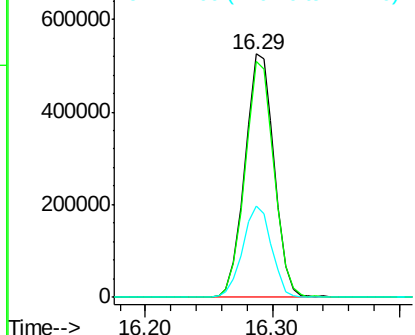
#41
2,4,6-Tribromophenol
Concen: 118.06 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:330 Resp: 839601
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 37.0 31.7 47.5

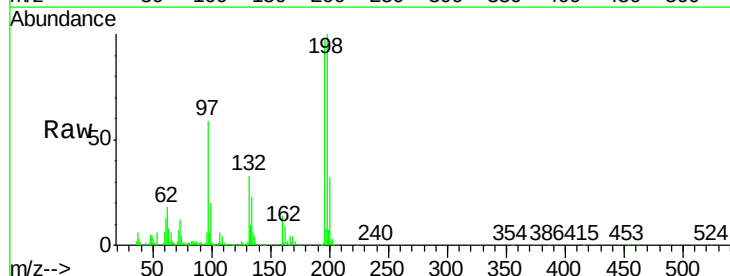


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

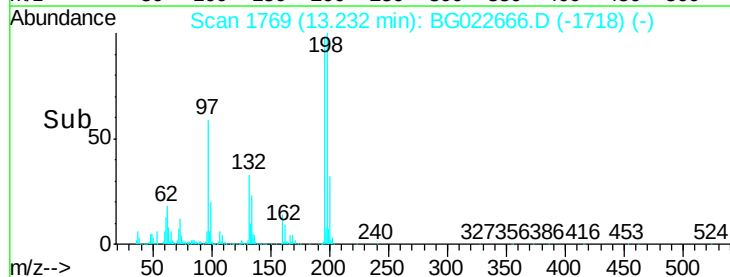
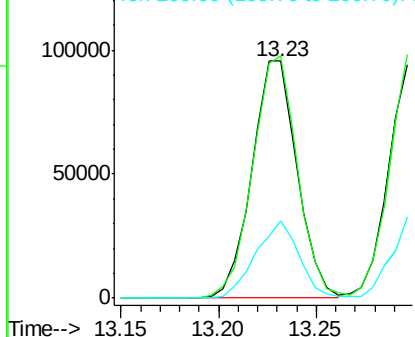


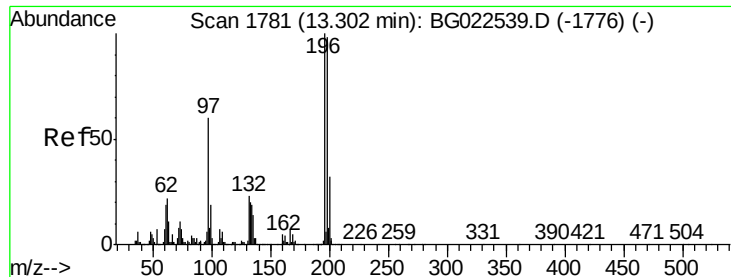
#42
2,4,6-Trichlorophenol
Concen: 14.00 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:196 Resp: 153198
Ion Ratio Lower Upper
196 100
198 102.6 78.2 117.2
200 32.6 27.0 40.4



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

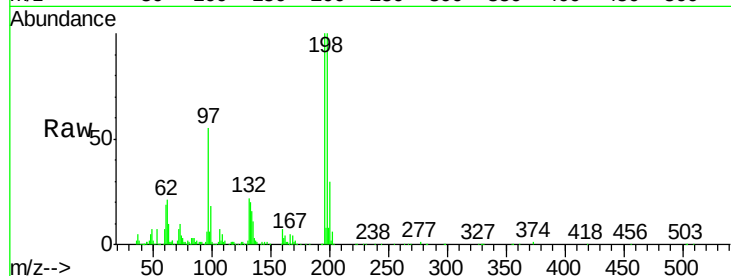




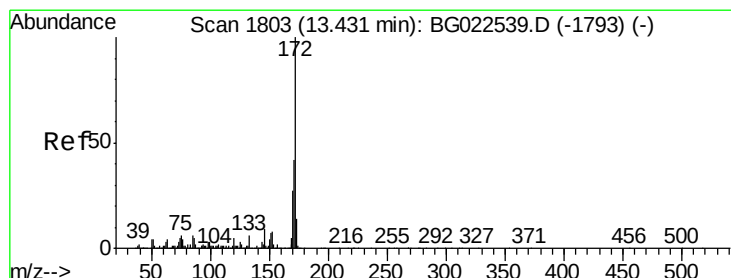
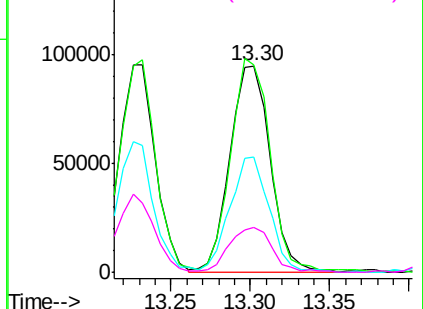
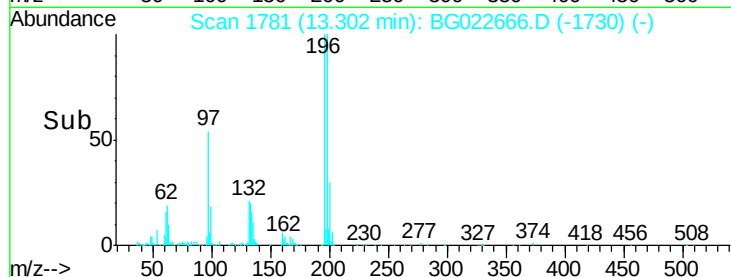
#43
2,4,5-Trichlorophenol
Concen: 14.53 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	85.7	128.5
97	55.5	45.5	68.3
132	21.6	18.9	28.3

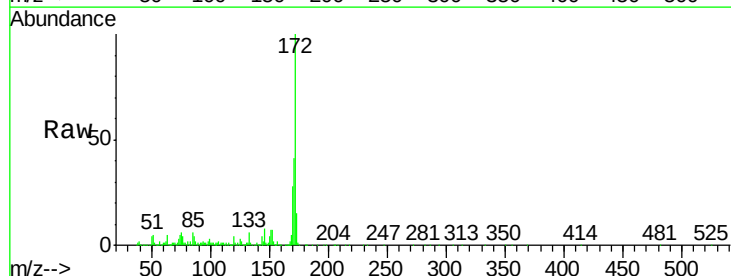


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

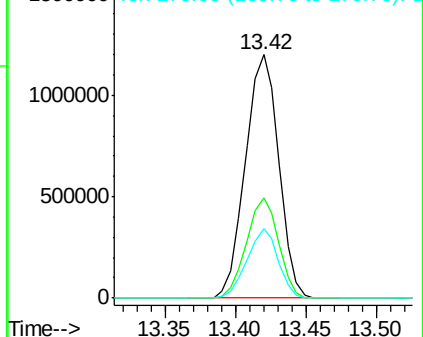
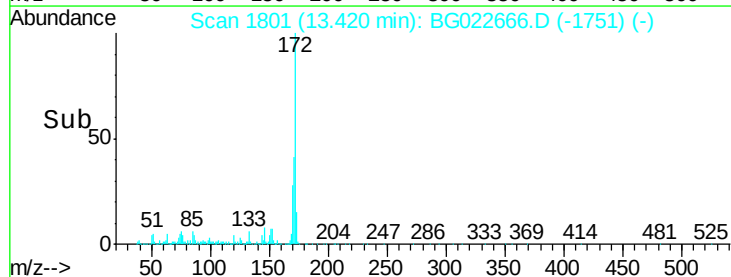


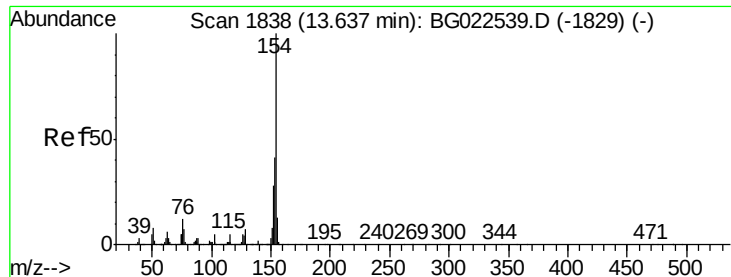
#44
2-Fluorobiphenyl
Concen: 69.76 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.6	47.4
170	28.4	21.3	31.9



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: 13.23 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

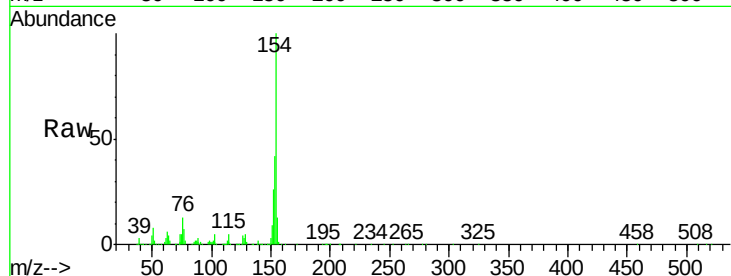
Tot Ion:154 Resp: 455747

Ion Ratio Lower Upper

154 100

153 41.9 20.2 60.2

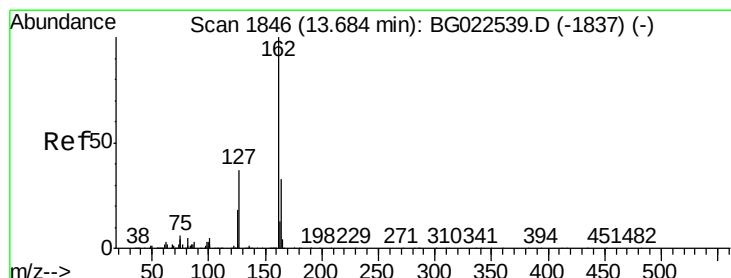
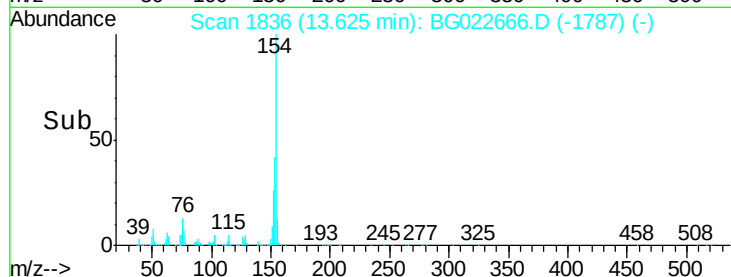
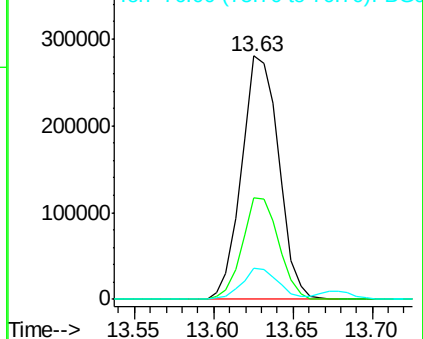
76 12.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 13.57 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

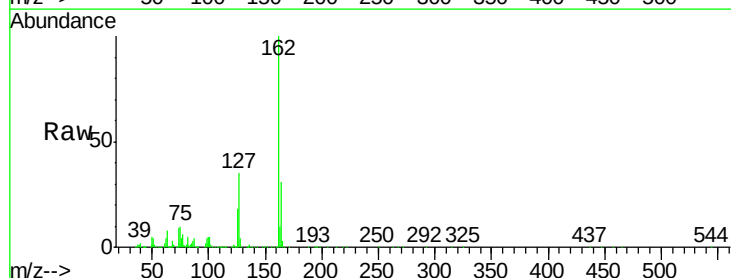
Tgt Ion:162 Resp: 384463

Ion Ratio Lower Upper

162 100

127 35.3 32.4 48.6

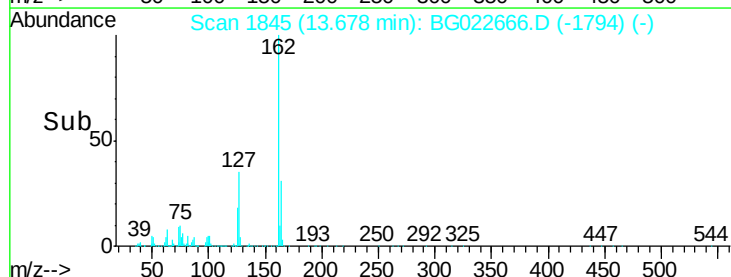
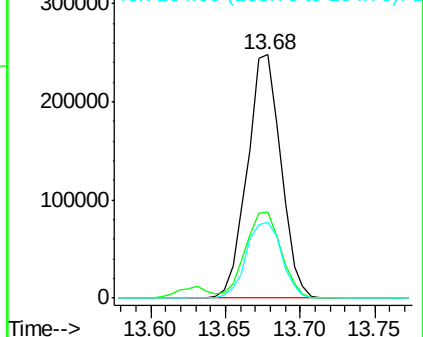
164 31.1 25.2 37.8

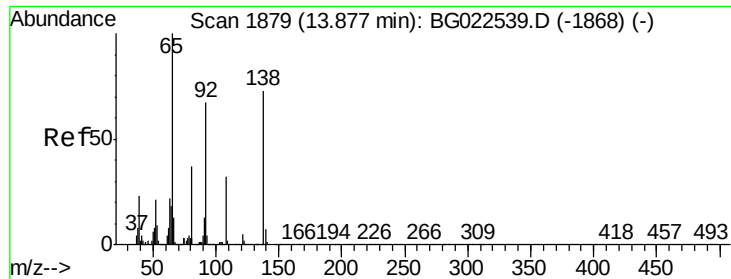


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 13.87 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

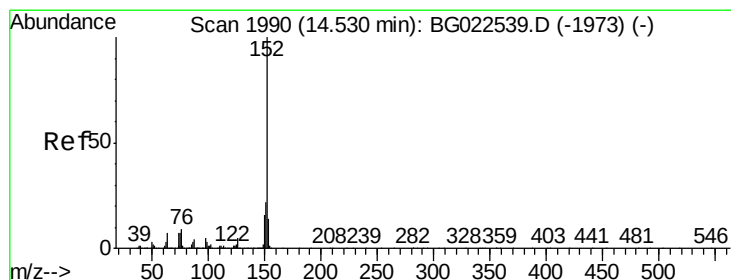
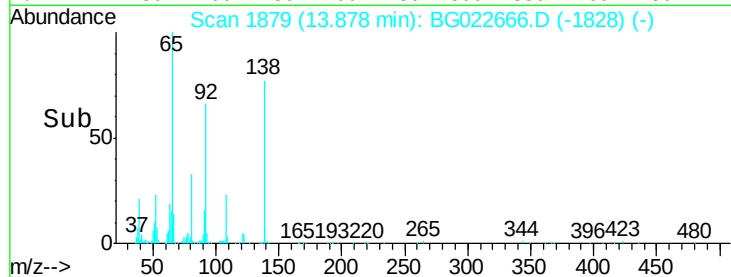
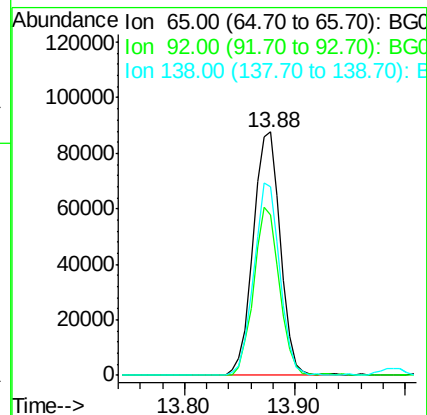
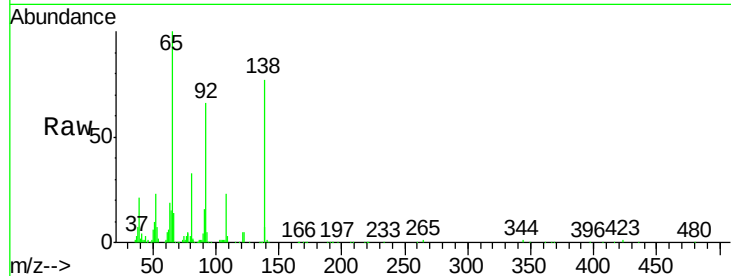
Tot Ion: 65 Resp: 151778

Ion	Ratio	Lower	Upper
65	100		
92	65.6	49.4	74.0
138	77.3	58.0	87.0

65 100

92 65.6 49.4 74.0

138 77.3 58.0 87.0



#48

Acenaphthylene

Concen: 13.93 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

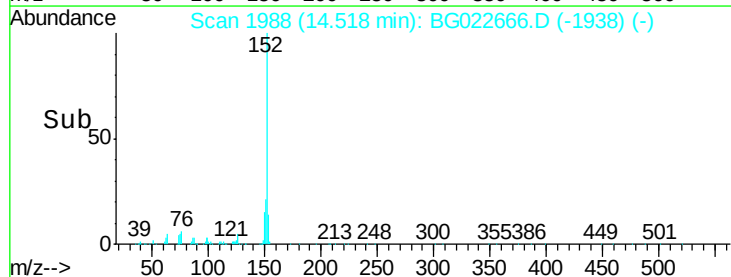
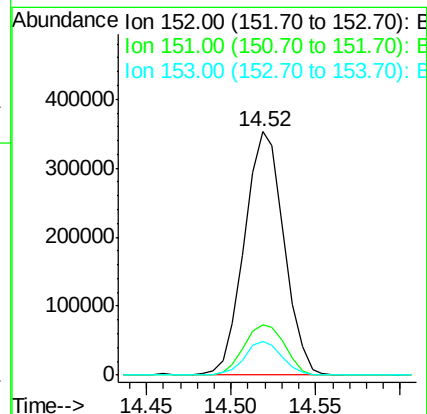
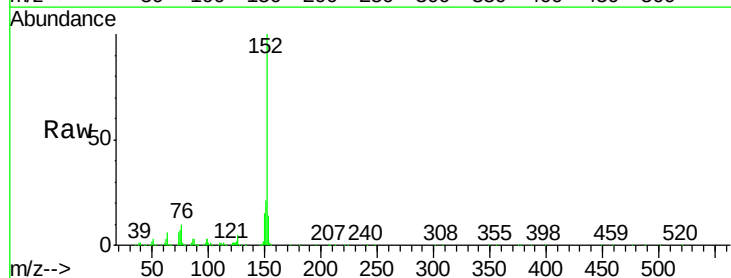
Tgt Ion: 152 Resp: 572457

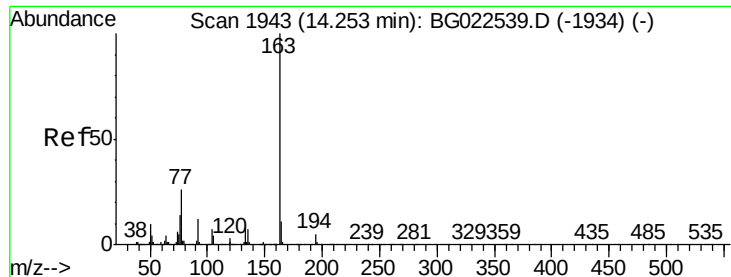
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.6	26.4
153	13.6	11.4	17.2

152 100

151 20.6 17.6 26.4

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 13.60 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

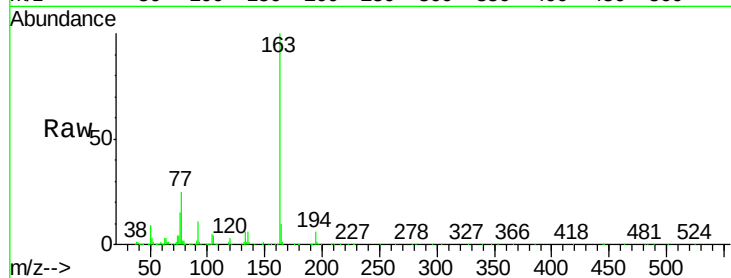
Tot Ion:163 Resp: 510089

Ion Ratio Lower Upper

163 100

194 5.5 3.6 5.4#

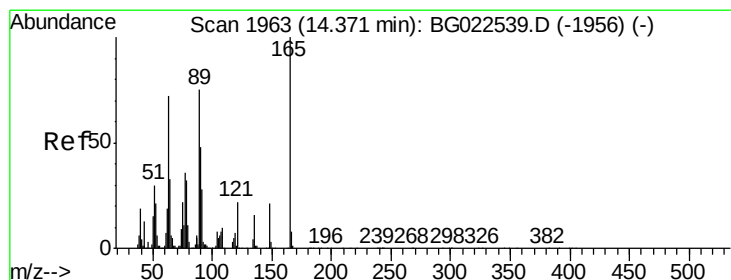
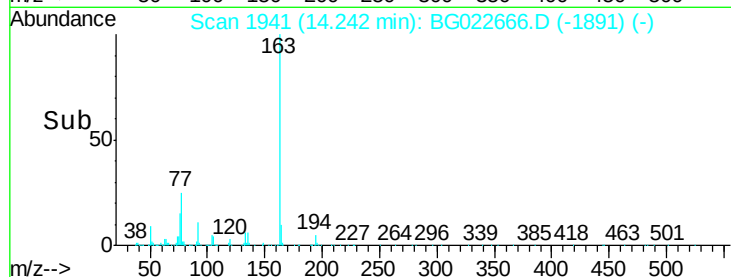
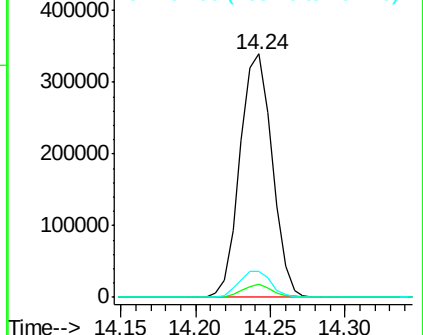
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 13.99 ng

RT: 14.37 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

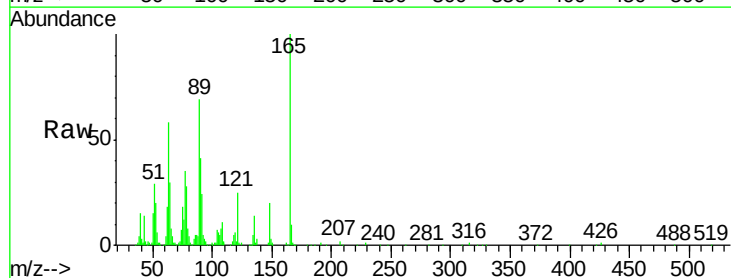
Tgt Ion:165 Resp: 114061

Ion Ratio Lower Upper

165 100

63 58.5 64.3 96.5#

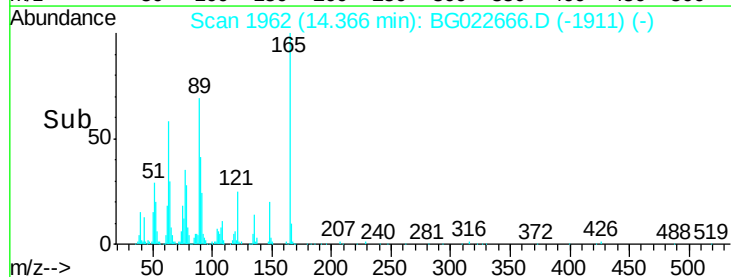
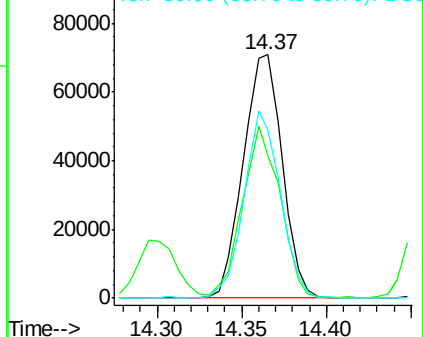
89 69.0 64.3 96.5

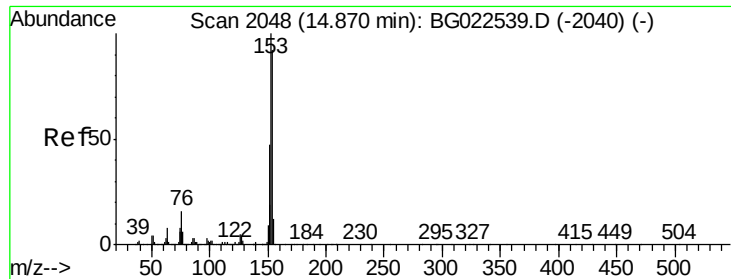


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 13.48 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

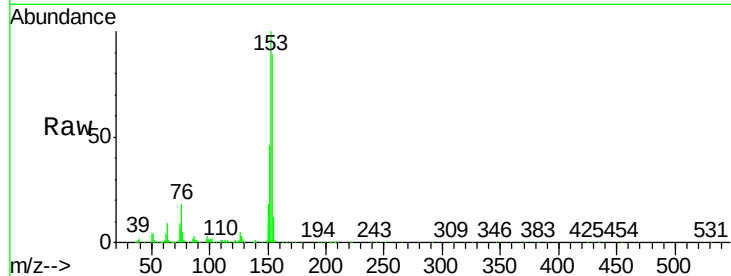
Tot Ion:154 Resp: 408191

Ion Ratio Lower Upper

154 100

153 112.4 87.5 131.3

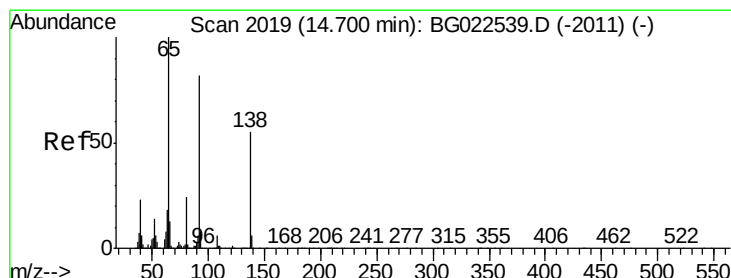
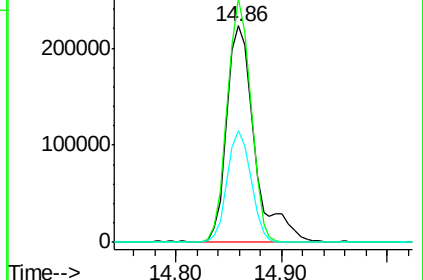
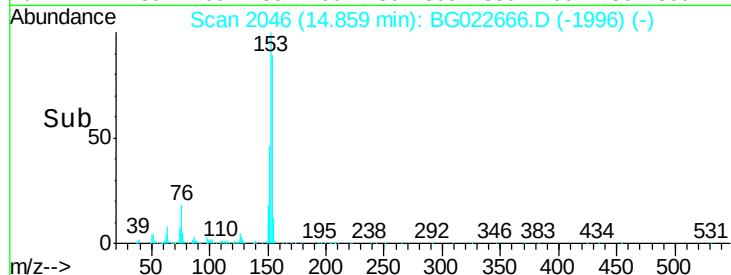
152 51.6 42.7 64.1



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: 9.10 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

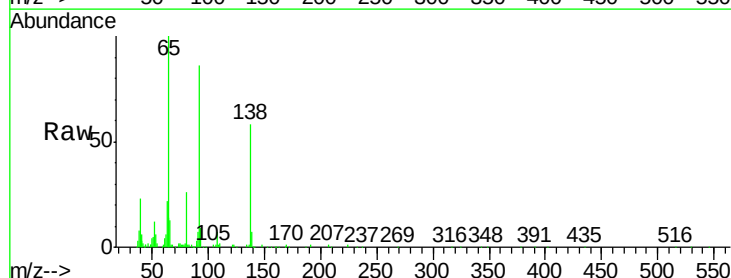
Tgt Ion:138 Resp: 69376

Ion Ratio Lower Upper

138 100

108 12.9 11.7 17.5

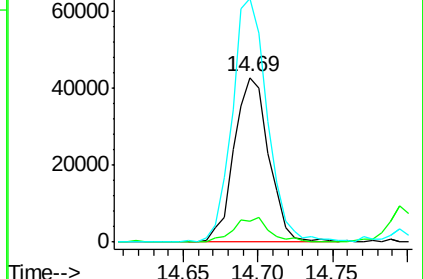
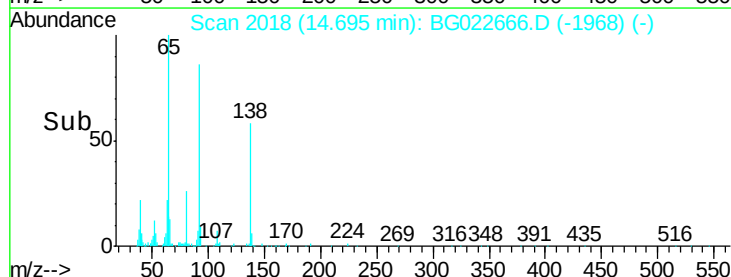
92 147.8 129.7 194.5

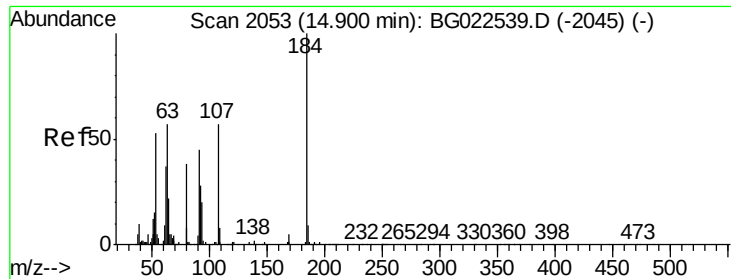


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 13.83 ng

RT: 14.89 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

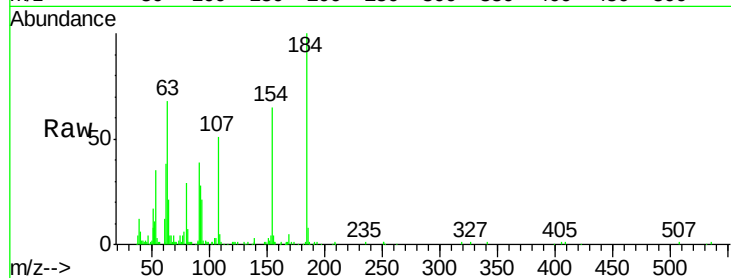
Tot Ion:184 Resp: 69450

Ion Ratio Lower Upper

184 100

63 67.8 59.6 89.4

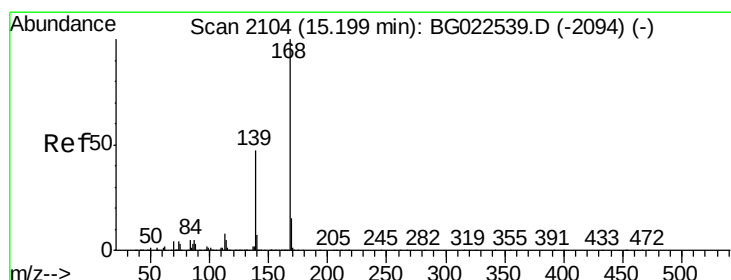
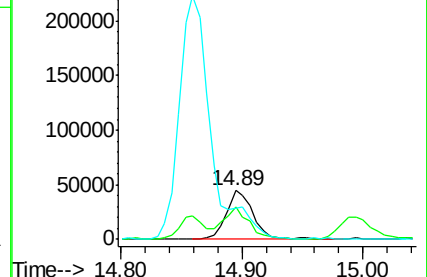
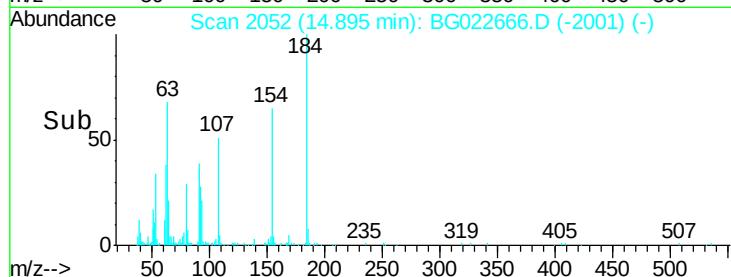
154 64.9 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 13.84 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

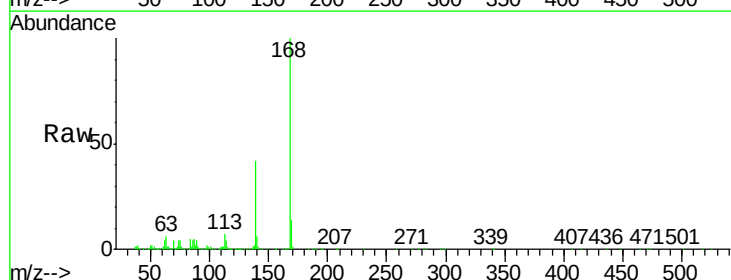
Tgt Ion:168 Resp: 606883

Ion Ratio Lower Upper

168 100

139 42.5 36.4 54.6

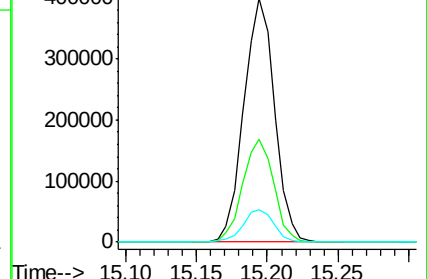
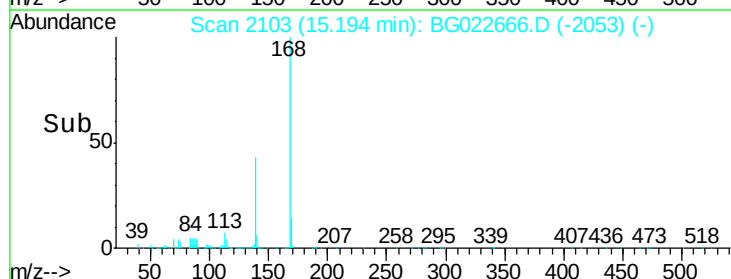
169 13.5 11.9 17.9

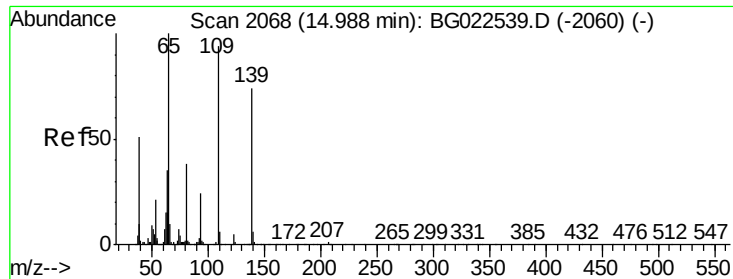


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

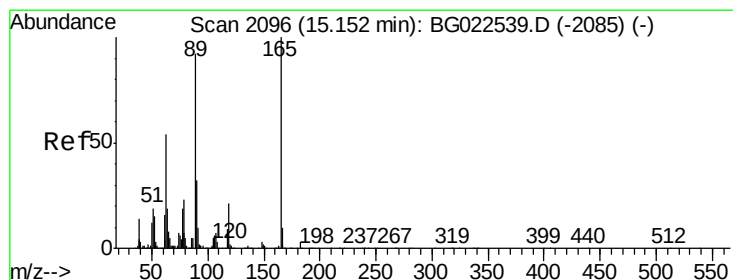
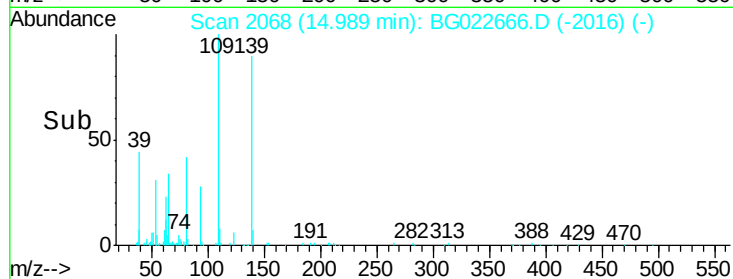
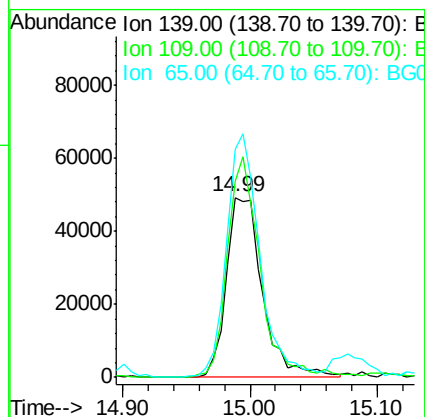
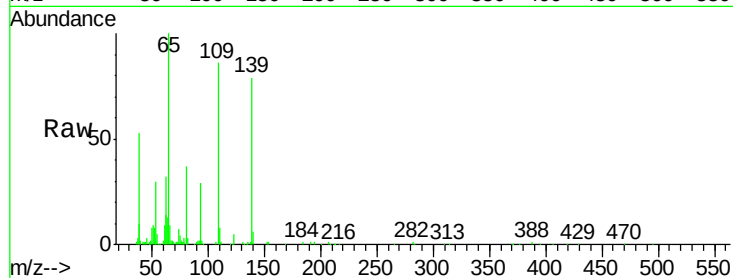




#55
4-Nitrophenol
Concen: 15.04 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

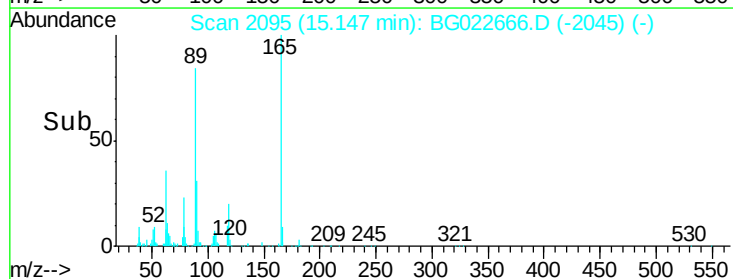
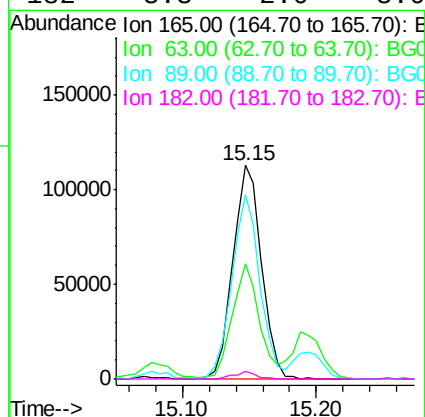
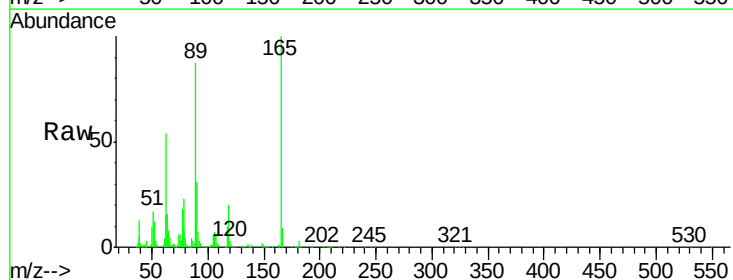
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

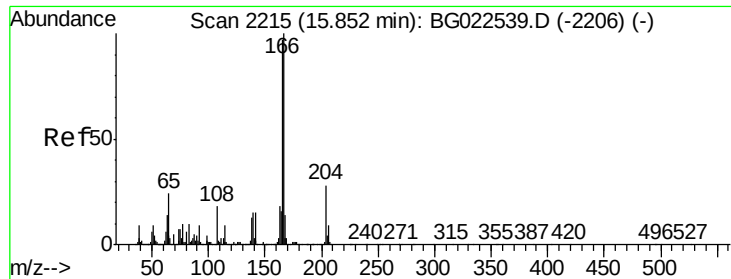
Tot Ion:139 Resp: 96964
Ion Ratio Lower Upper
139 100
109 109.3 103.0 143.0
65 126.6 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 14.88 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:165 Resp: 168044
Ion Ratio Lower Upper
165 100
63 53.8 45.8 68.6
89 86.5 68.6 102.8
182 3.3 2.0 3.0#

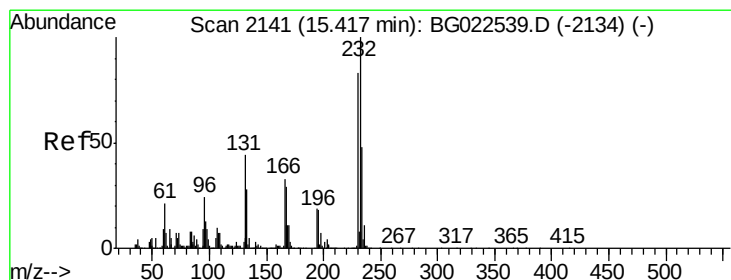
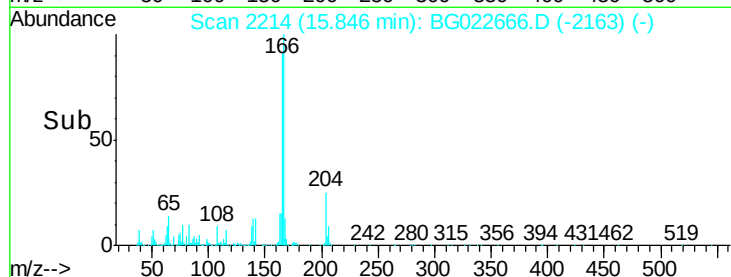
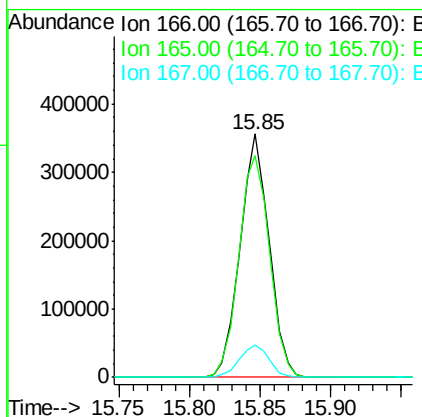
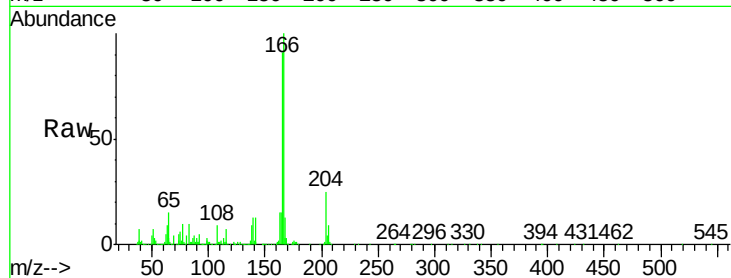




#57
Fluorene
 Concen: 14.61 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

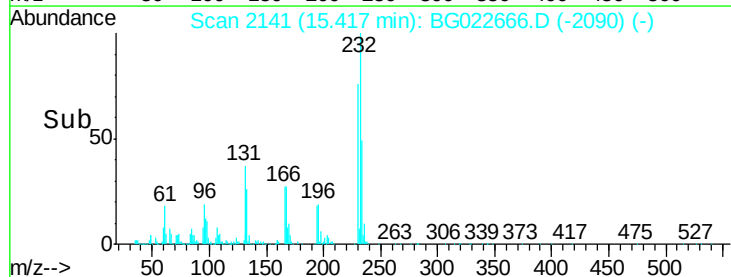
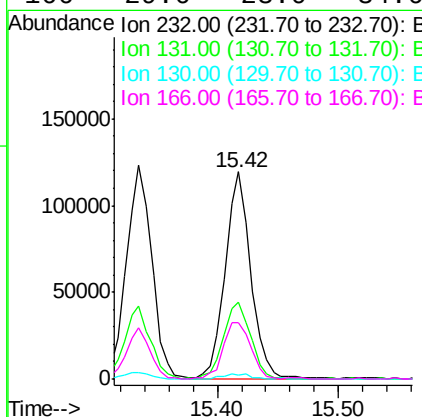
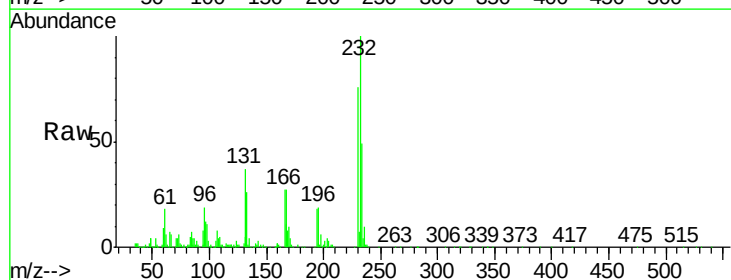
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

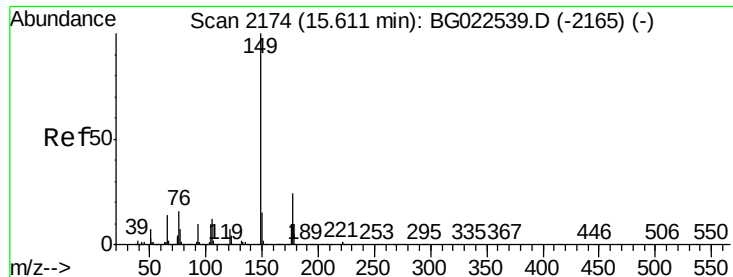
Tot Ion	Ratio	Lower	Upper
166	100		
165	91.0	81.0	121.6
167	13.2	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 14.68 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.4	32.7	49.1
130	2.4	2.6	3.8
166	29.6	23.0	34.6





#59

Diethylphthalate

Concen: 13.90 ng

RT: 15.61 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

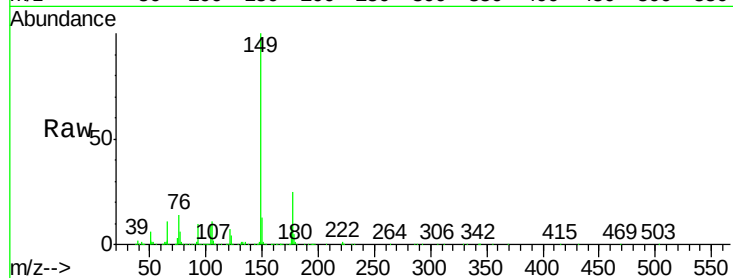
Tot Ion:149 Resp: 535877

Ion Ratio Lower Upper

149 100

177 25.3 19.2 28.8

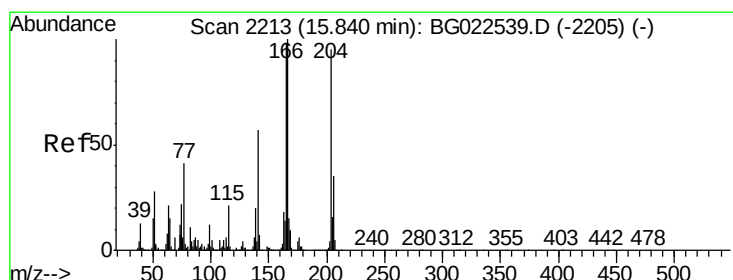
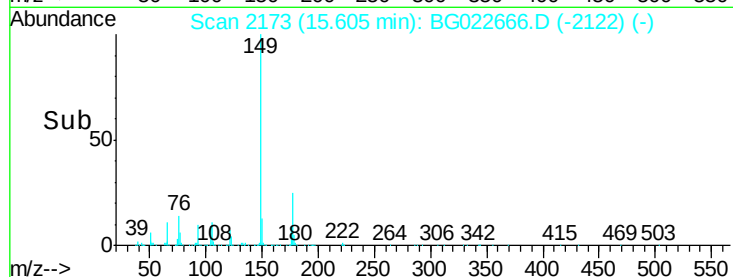
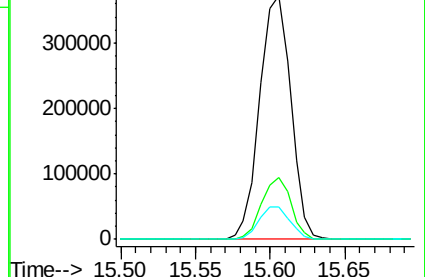
150 13.1 10.6 16.0



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: 14.07 ng

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

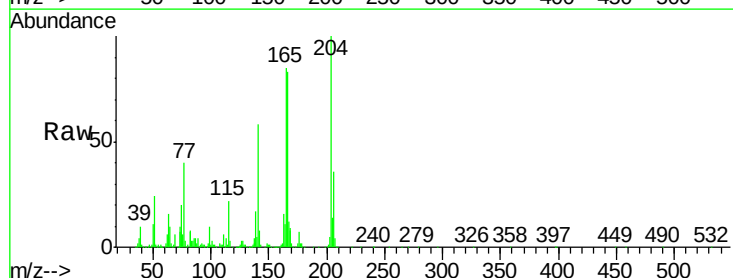
Tgt Ion:204 Resp: 293084

Ion Ratio Lower Upper

204 100

206 35.8 28.5 42.7

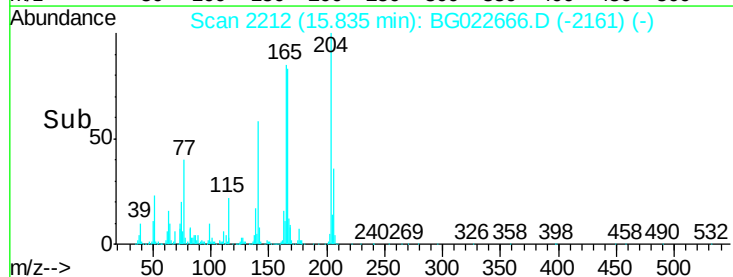
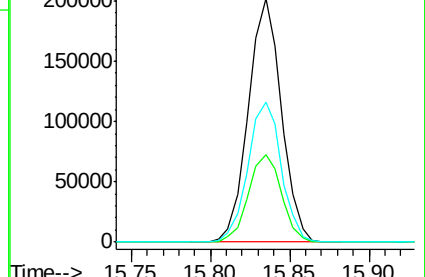
141 57.7 51.4 77.0

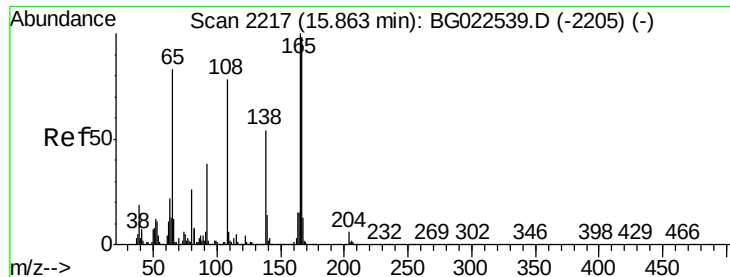


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

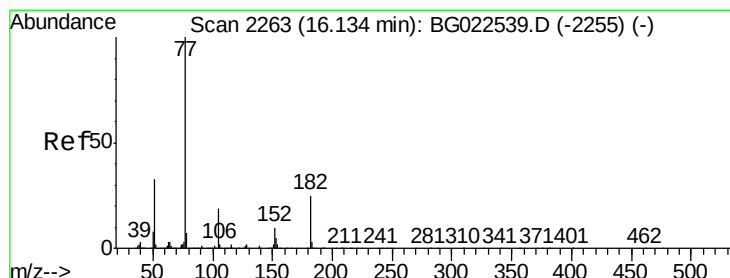
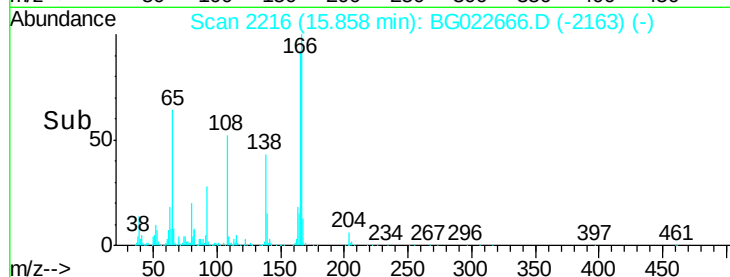
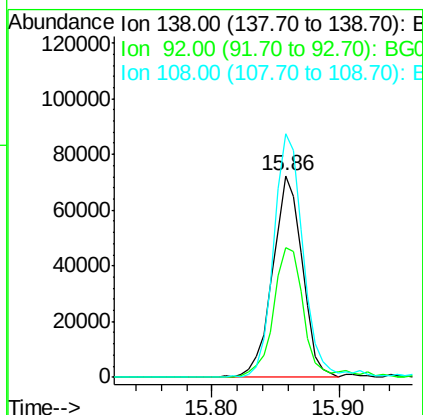
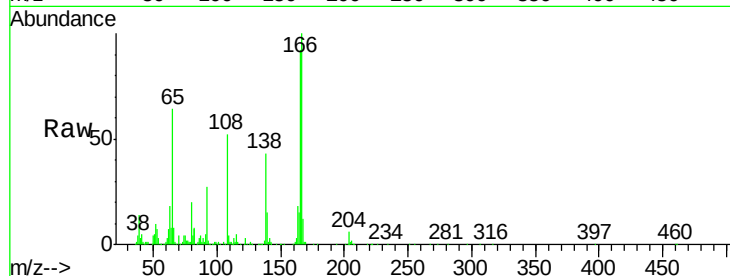




#61
4-Nitroaniline
Concen: 14.92 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

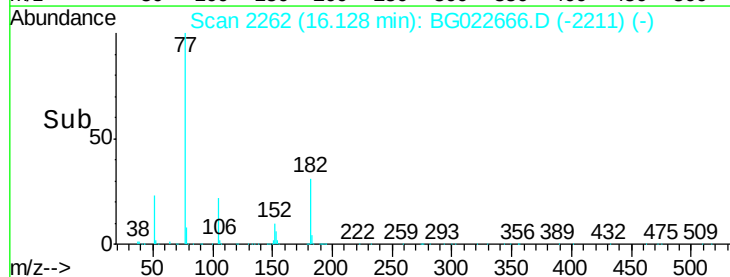
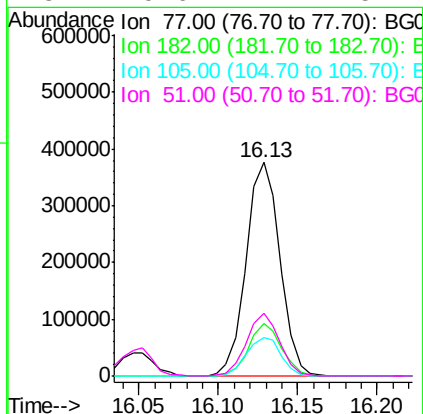
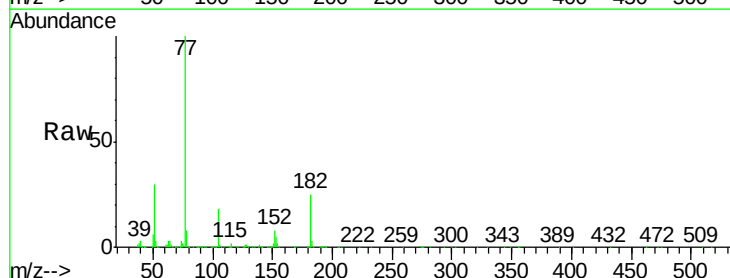
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

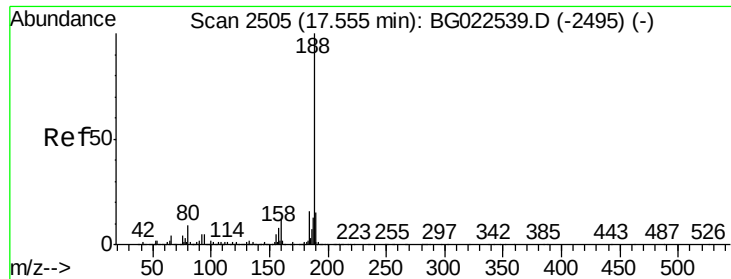
Tot Ion:138 Resp: 117414
Ion Ratio Lower Upper
138 100
92 64.0 54.1 94.1
108 120.6 133.9 173.9#



#62
Azobenzene
Concen: 13.28 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion: 77 Resp: 554727
Ion Ratio Lower Upper
77 100
182 24.7 3.5 43.5
105 17.8 0.0 38.5
51 29.6 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

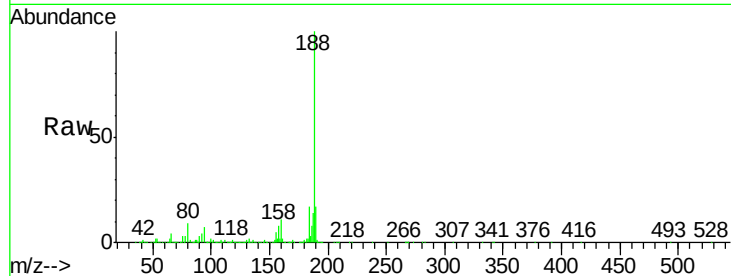
Tot Ion:188 Resp: 1217737

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

80 8.8 7.2 10.8



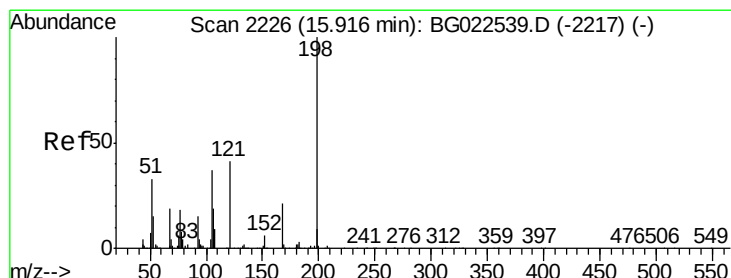
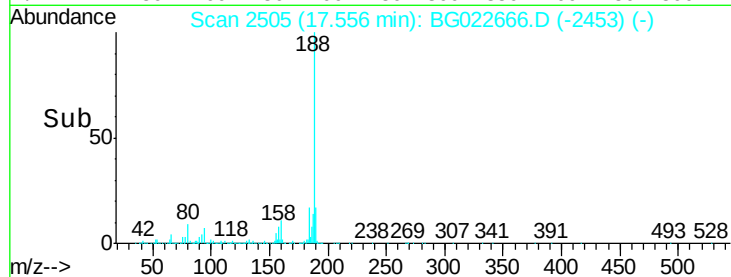
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG022666.D (-2453) (-)

Ion 80.00 (79.70 to 80.70): BG022666.D (-2453) (-)

17.56

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 13.40 ng

RT: 15.91 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

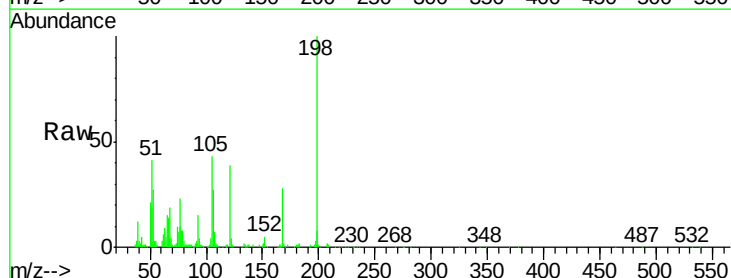
Tgt Ion:198 Resp: 109429

Ion Ratio Lower Upper

198 100

51 40.9 26.0 66.0

105 42.6 20.1 60.1



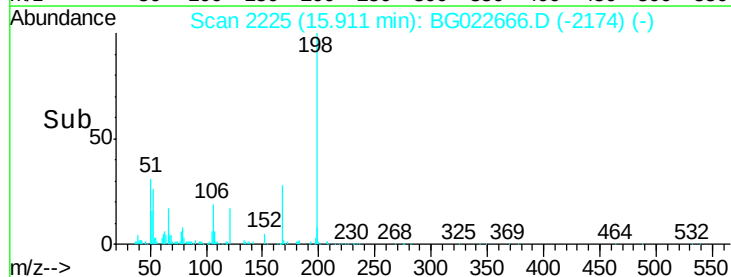
Abundance Ion 198.00 (197.70 to 198.70): E

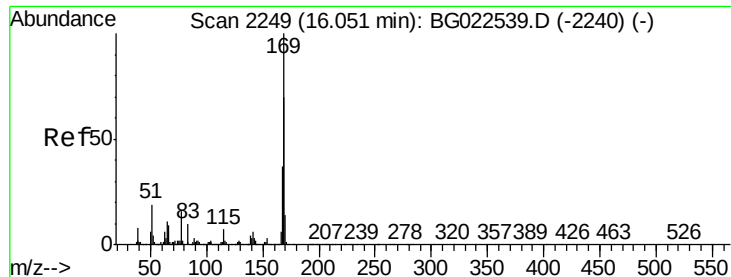
Ion 51.00 (50.70 to 51.70): BG022666.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG022666.D (-2174) (-)

15.91

Time-->





#65

n-Nitrosodiphenylamine

Concen: 13.38 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

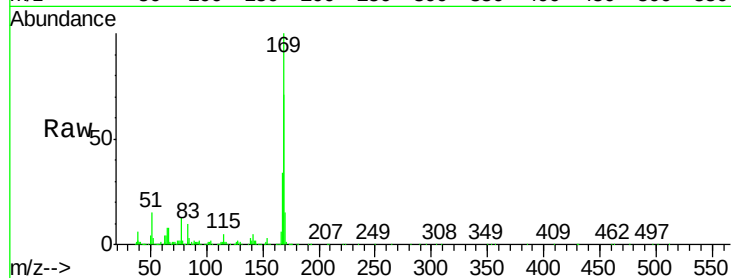
Tot Ion:169 Resp: 474007

Ion Ratio Lower Upper

169 100

168 70.9 55.0 82.4

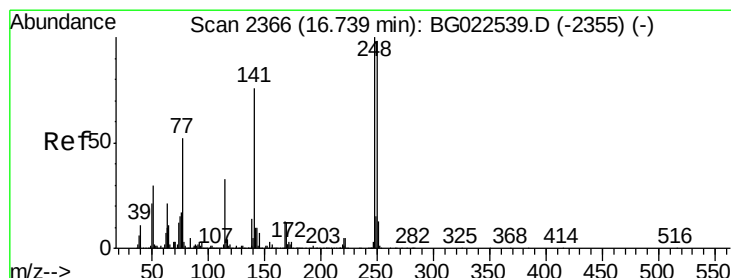
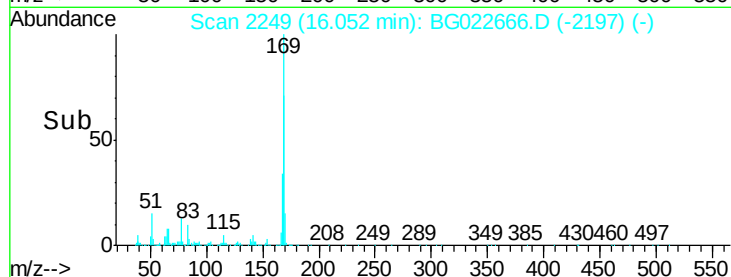
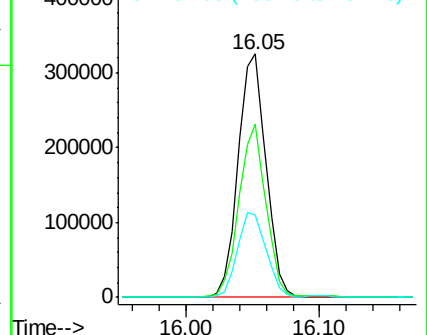
167 33.7 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 12.99 ng

RT: 16.73 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

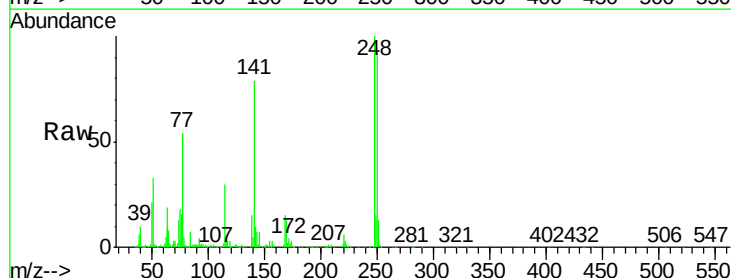
Tgt Ion:248 Resp: 205198

Ion Ratio Lower Upper

248 100

250 91.9 77.8 116.8

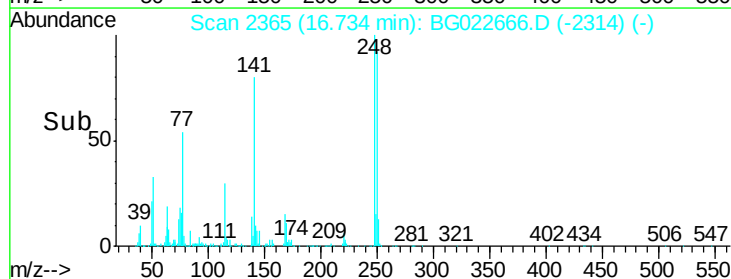
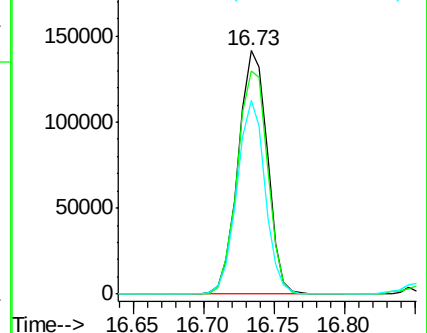
141 79.5 65.7 98.5

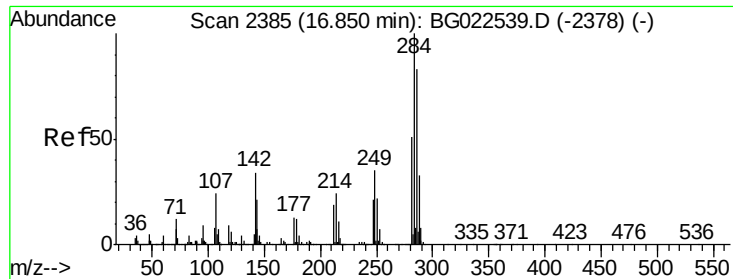


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 12.94 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

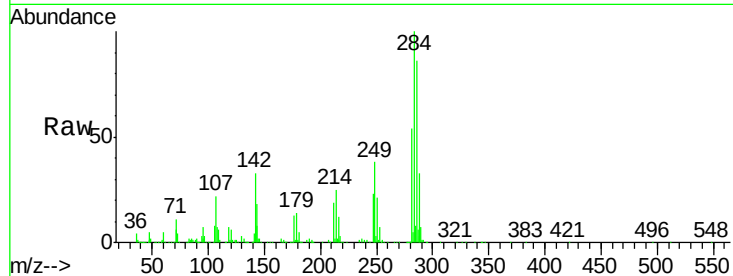
Tot Ion:284 Resp: 216152

Ion Ratio Lower Upper

284 100

142 33.0 26.8 40.2

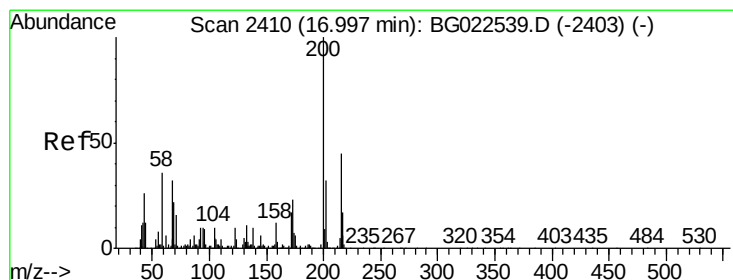
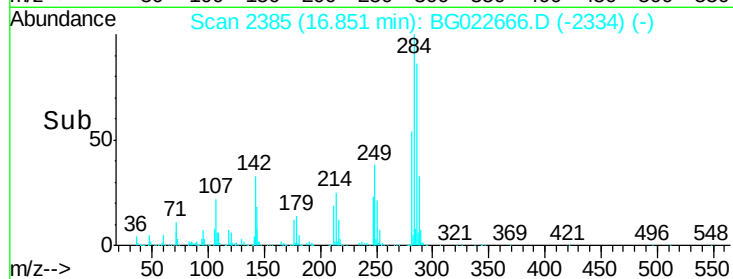
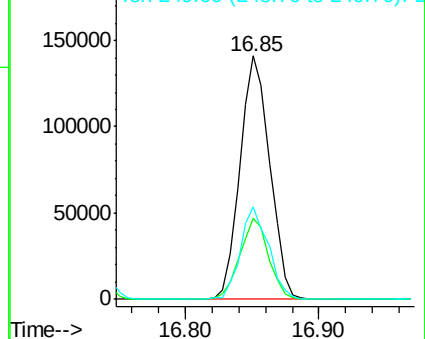
249 37.9 28.9 43.3



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: 14.59 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

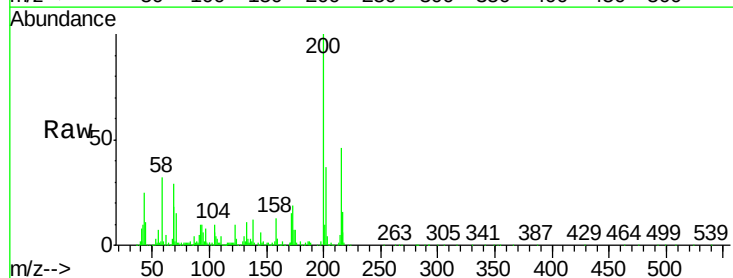
Tgt Ion:200 Resp: 218266

Ion Ratio Lower Upper

200 100

173 19.4 1.6 41.6

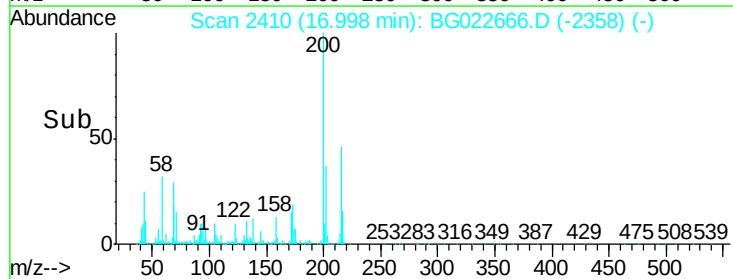
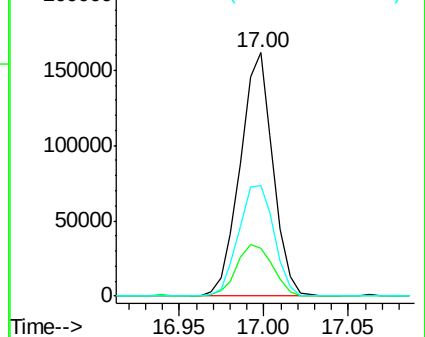
215 45.6 28.7 68.7

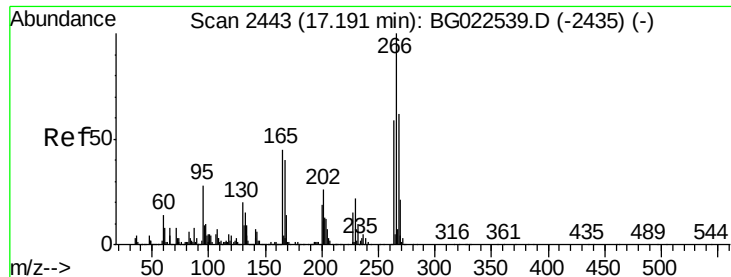


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 12.68 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

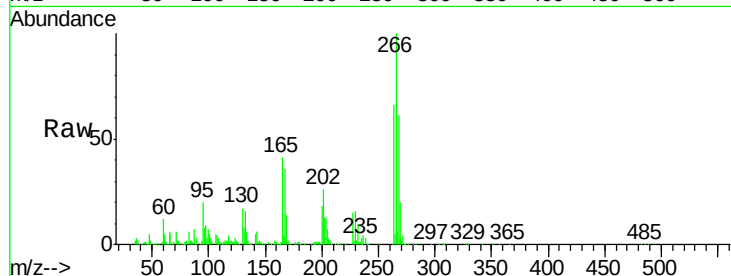
Tot Ion:266 Resp: 145714

Ion Ratio Lower Upper

266 100

268 61.1 51.9 77.9

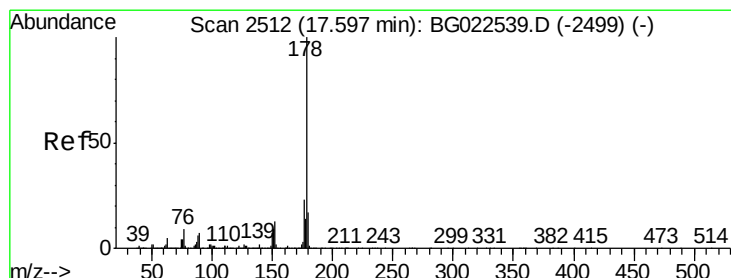
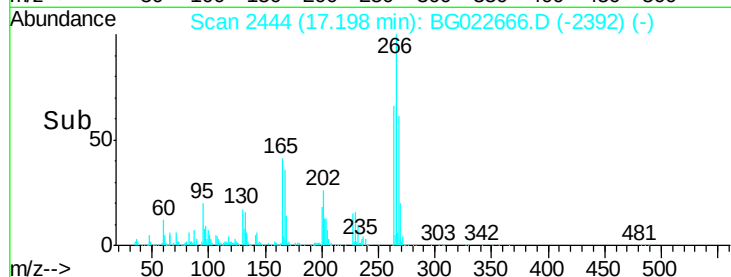
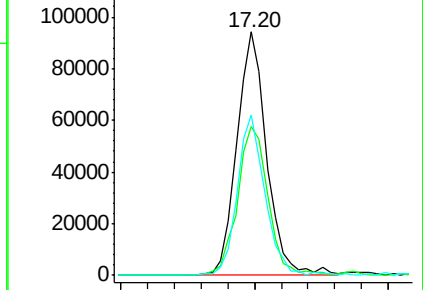
264 65.7 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 14.21 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

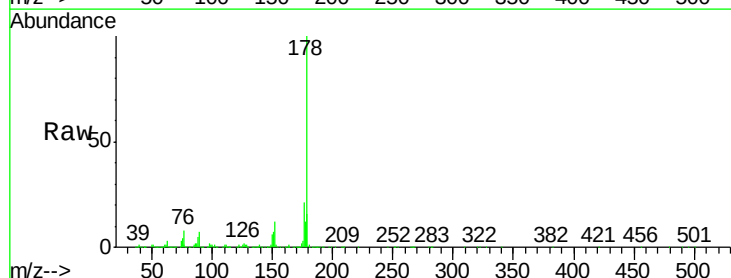
Tgt Ion:178 Resp: 882267

Ion Ratio Lower Upper

178 100

176 21.5 16.8 25.2

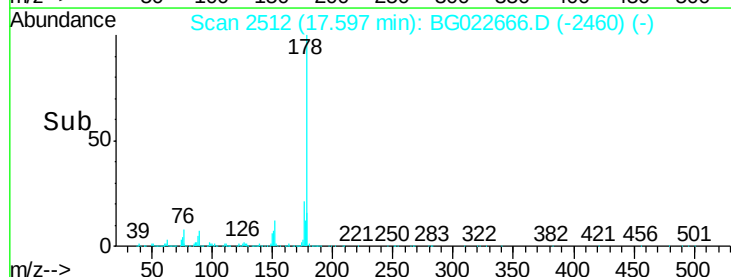
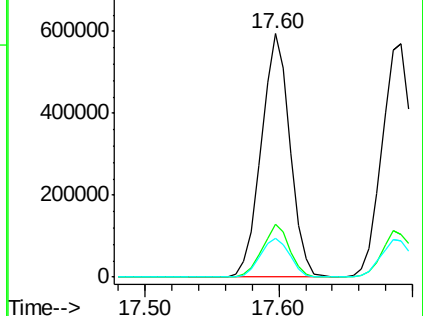
179 16.2 14.3 21.5

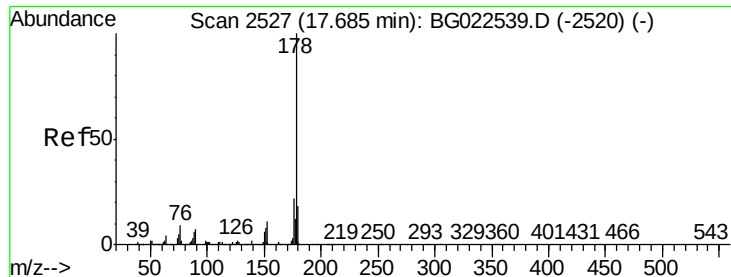


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 14.06 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

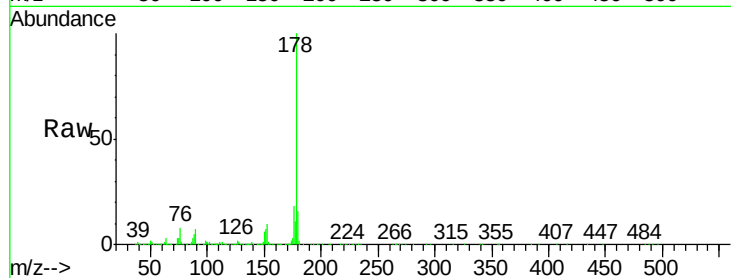
Tot Ion:178 Resp: 898636

Ion Ratio Lower Upper

178 100

176 18.5 17.3 25.9

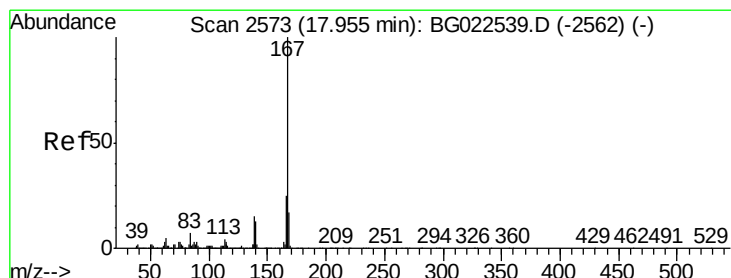
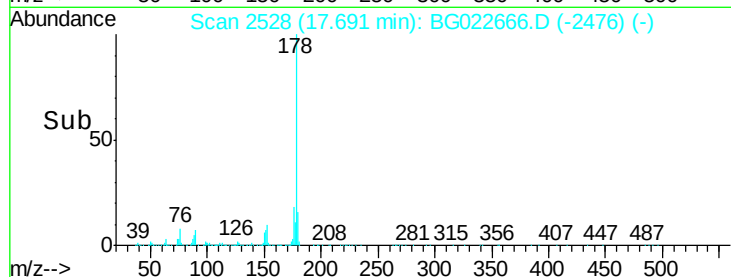
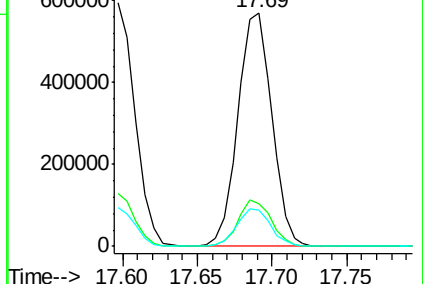
179 15.6 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 14.62 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

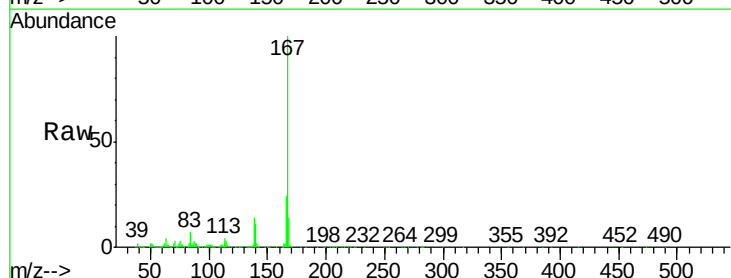
Tgt Ion:167 Resp: 792172

Ion Ratio Lower Upper

167 100

166 23.6 20.7 31.1

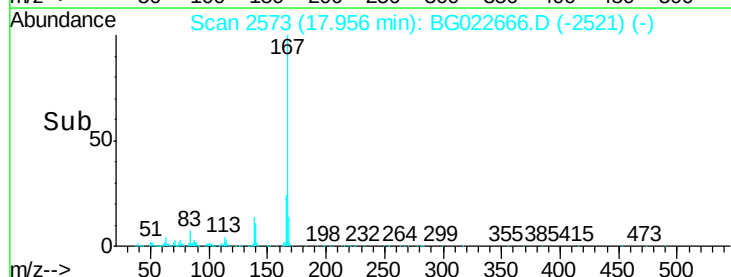
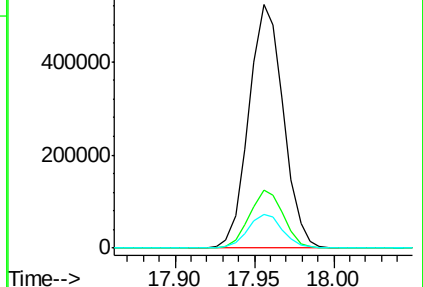
139 13.7 11.9 17.9

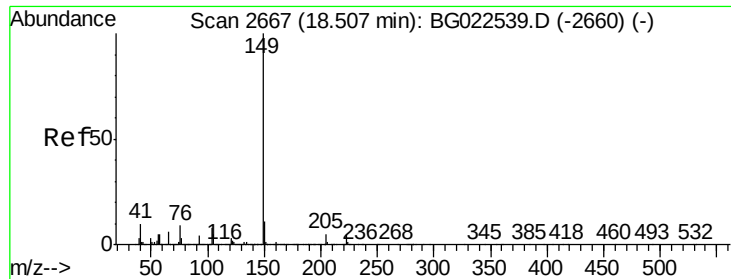


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 15.14 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

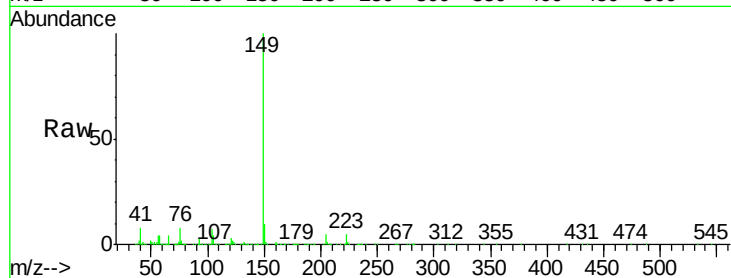
Tot Ion:149 Resp: 954903

Ion Ratio Lower Upper

149 100

150 9.9 9.1 13.7

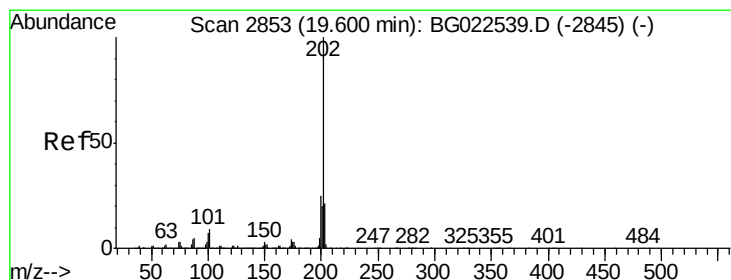
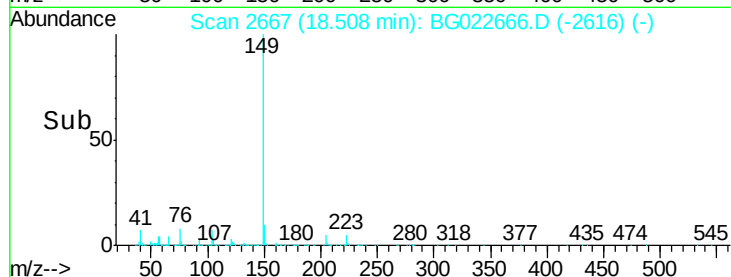
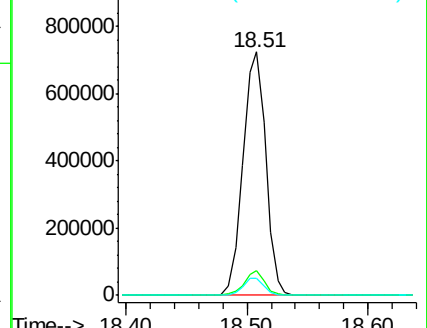
104 7.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 15.73 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

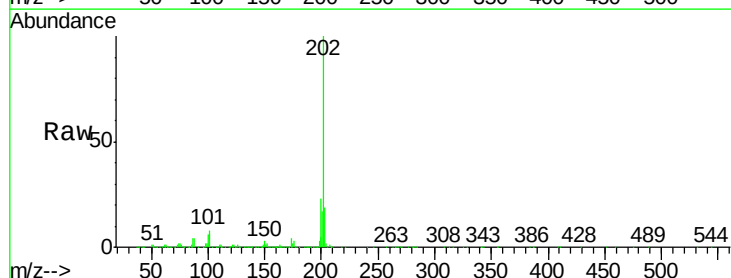
Tgt Ion:202 Resp: 1125393

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.4

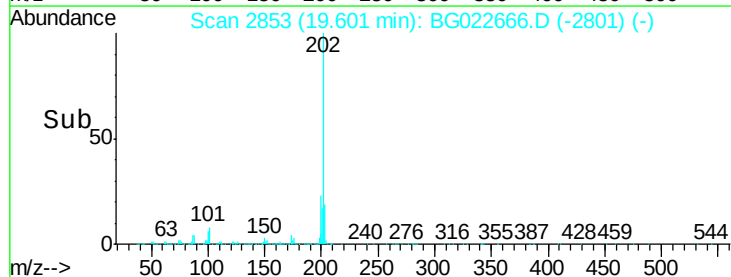
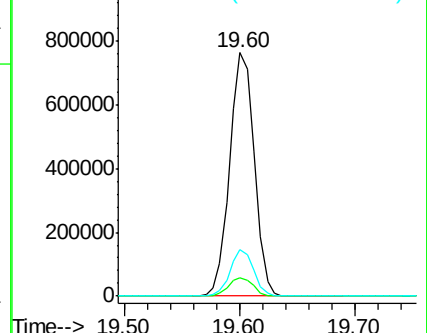
203 18.9 1.7 41.7

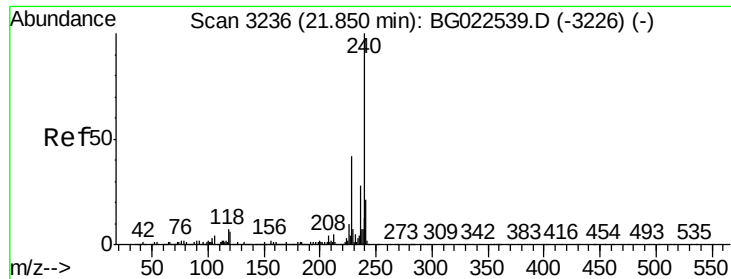


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

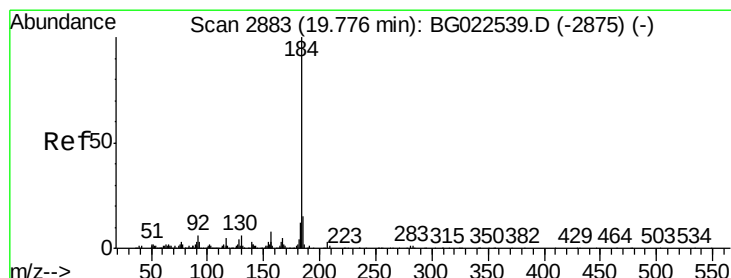
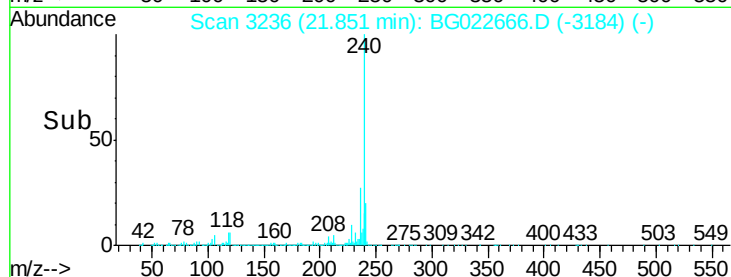
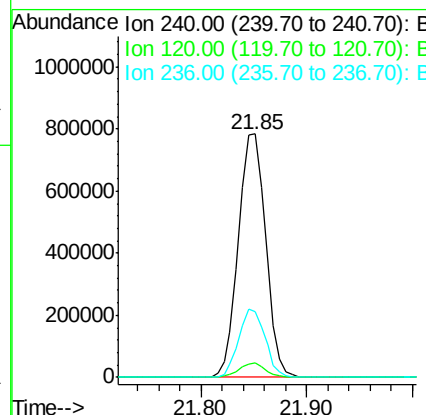
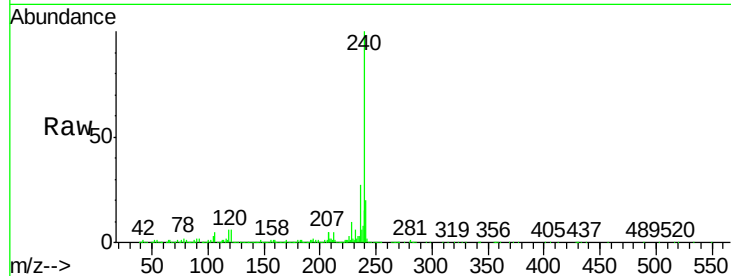




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

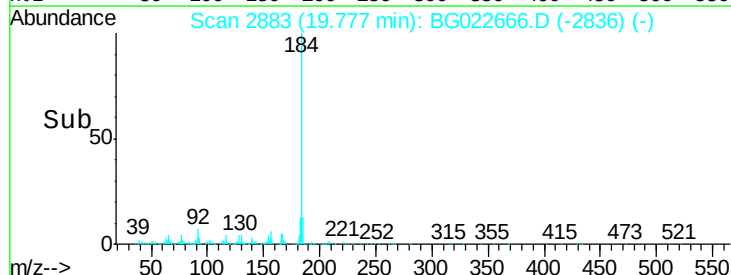
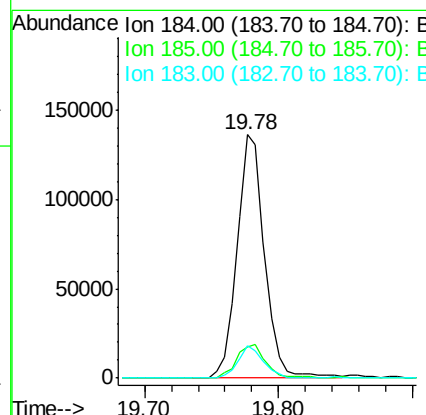
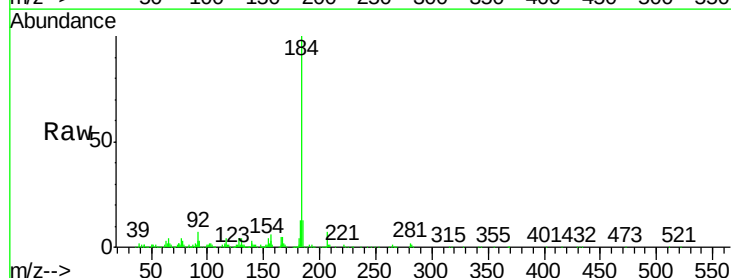
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

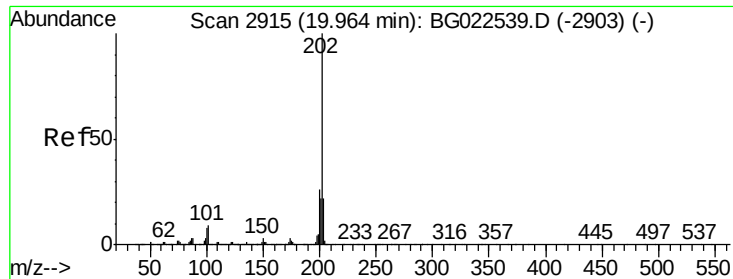
Tot Ion:240 Resp: 1399834
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1
236 27.2 21.1 31.7



#76
Benzidine
Concen: 13.09 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:184 Resp: 195138
Ion Ratio Lower Upper
184 100
185 12.6 12.6 19.0#
183 13.2 10.7 16.1





#77

Pvrene

Concen: 15.24 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

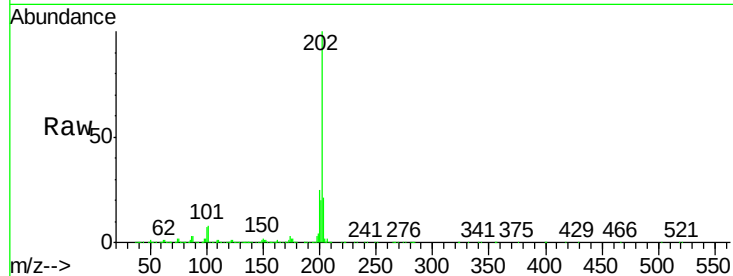
Tot Ion:202 Resp: 1136232

Ion	Ratio	Lower	Upper
202	100		
200	24.6	21.2	31.8
203	20.7	16.8	25.2

202 100

200 24.6 21.2 31.8

203 20.7 16.8 25.2

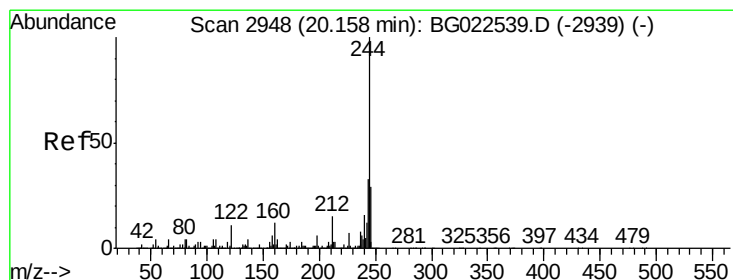
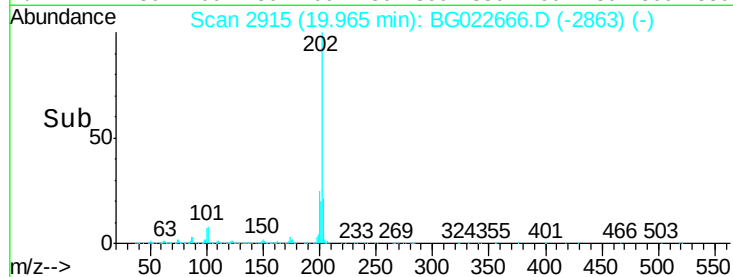
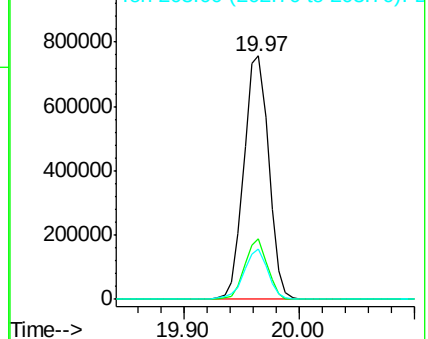


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.96 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

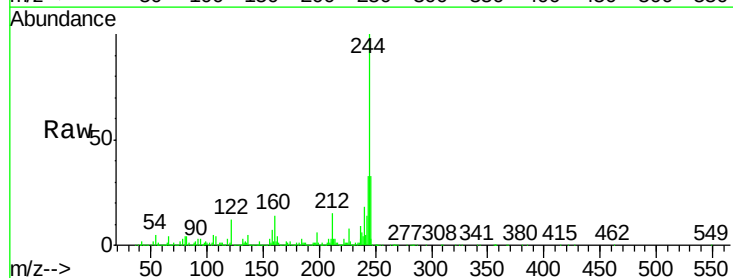
Tgt Ion:244 Resp: 3167801

Ion	Ratio	Lower	Upper
244	100		
212	15.1	10.8	16.2
122	12.0	8.0	12.0

244 100

212 15.1 10.8 16.2

122 12.0 8.0 12.0

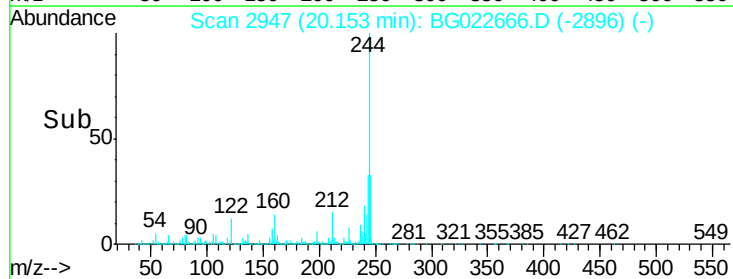
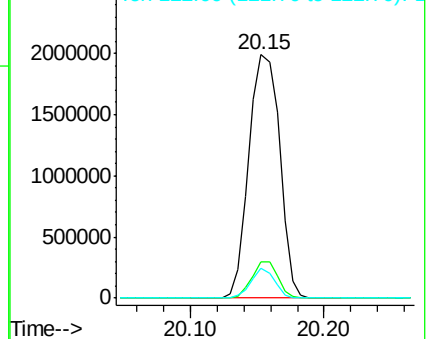


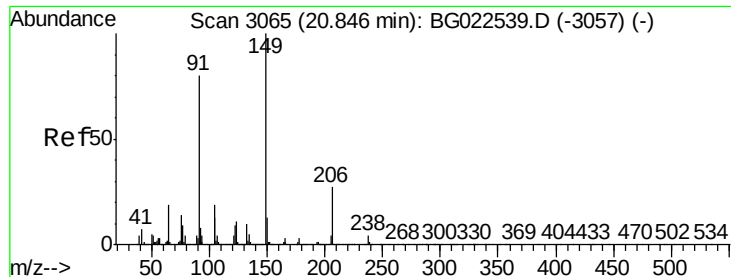
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 13.57 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

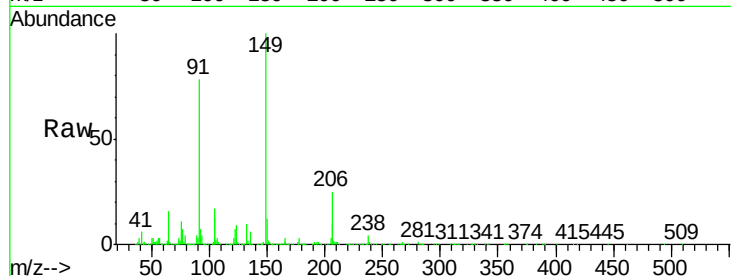
Tot Ion:149 Resp: 437884

Ion Ratio Lower Upper

149 100

91 78.4 68.1 102.1

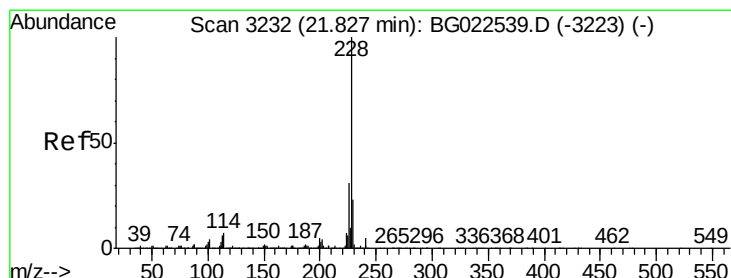
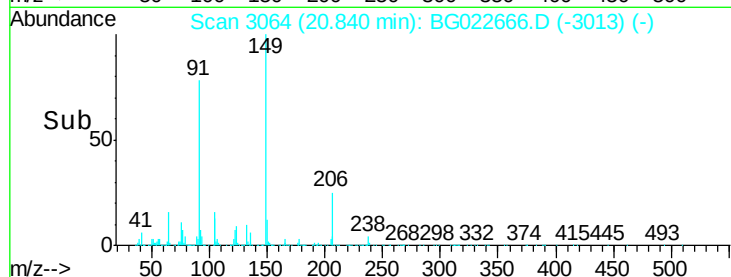
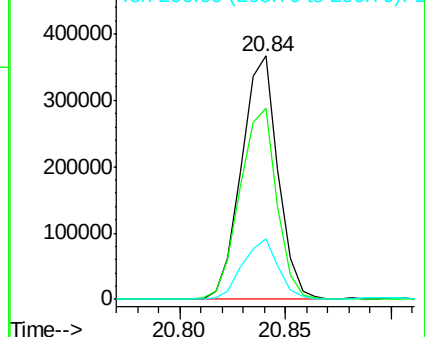
206 24.9 19.8 29.6



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: 15.38 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

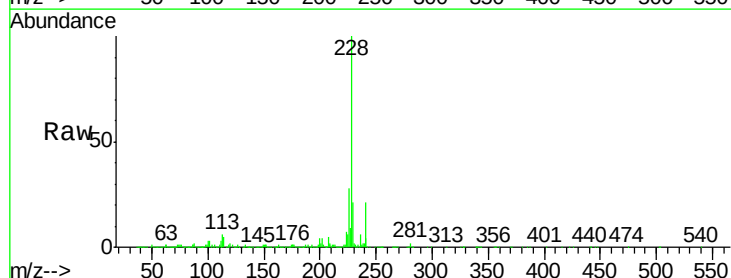
Tgt Ion:228 Resp: 1191073

Ion Ratio Lower Upper

228 100

226 28.4 25.3 37.9

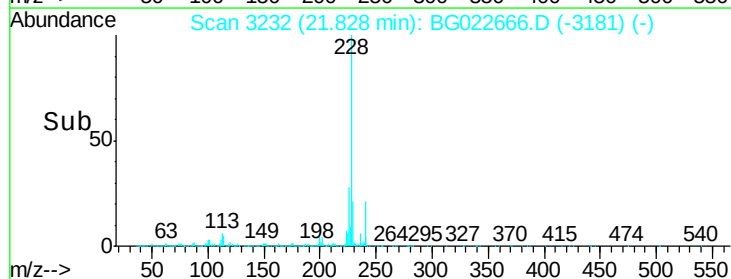
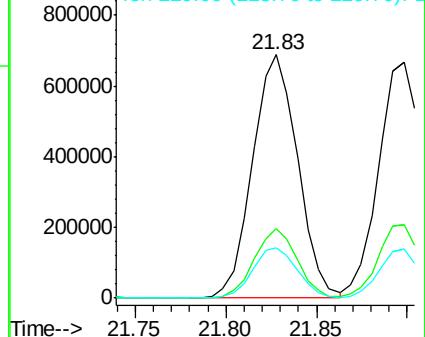
229 20.7 19.9 29.9

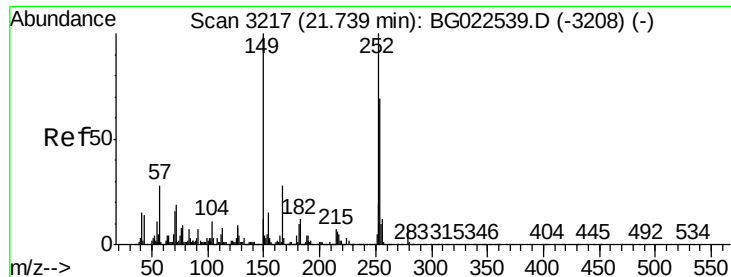


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

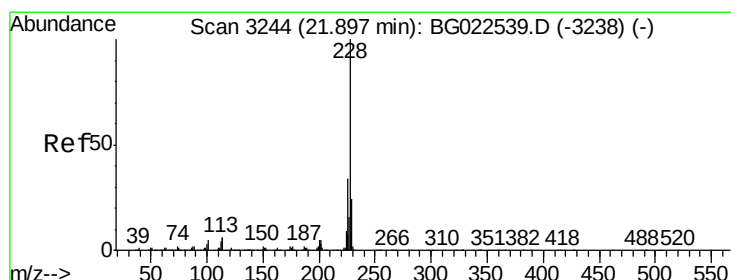
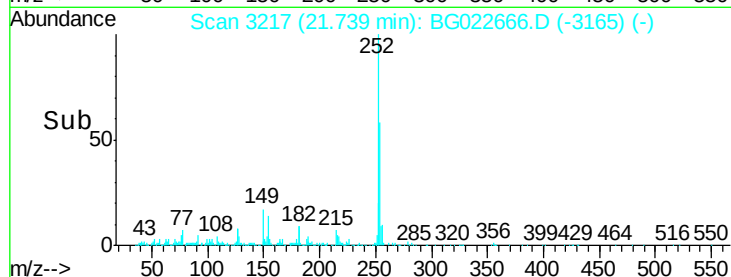
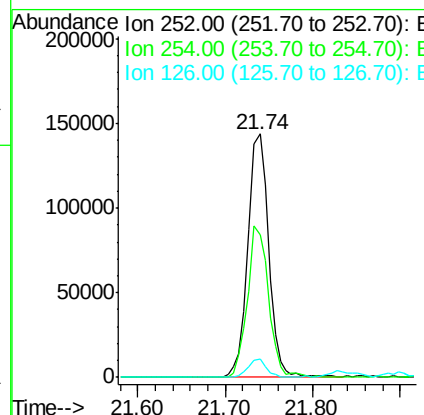
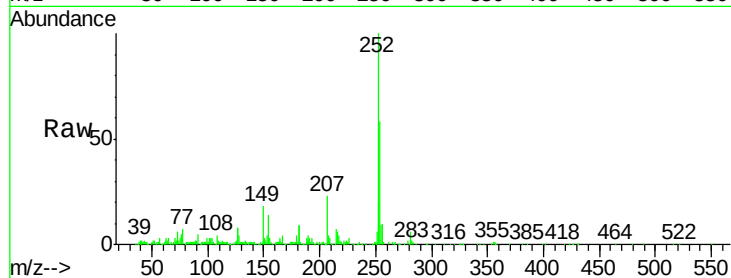




#81
 3,3'-Dichlorobenzidine
 Concen: 7.14 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

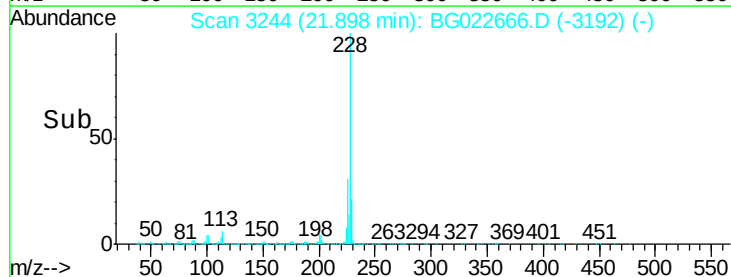
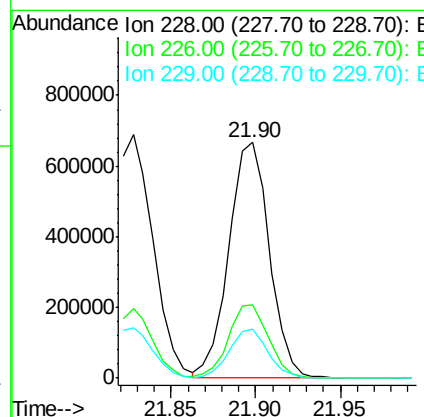
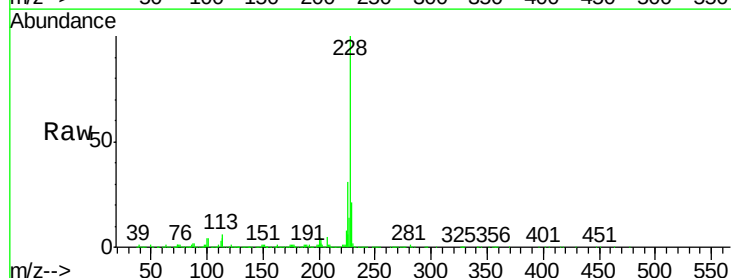
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

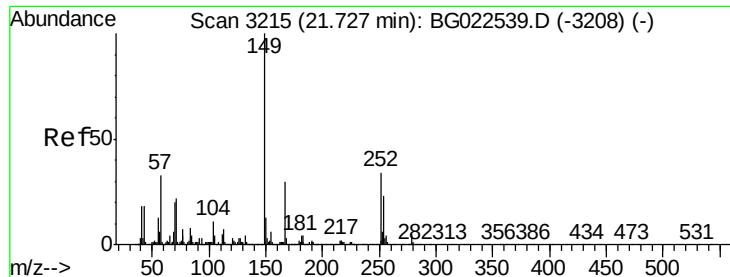
Tot Ion	Ratio	Lower	Upper
252	100		
254	58.3	51.2	76.8
126	7.7	5.3	7.9



#82
 Chrysene
 Concen: 15.20 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG022666.D
 Acq: 28 Jun 2016 6:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.7	40.1
229	20.8	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.71 ng

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

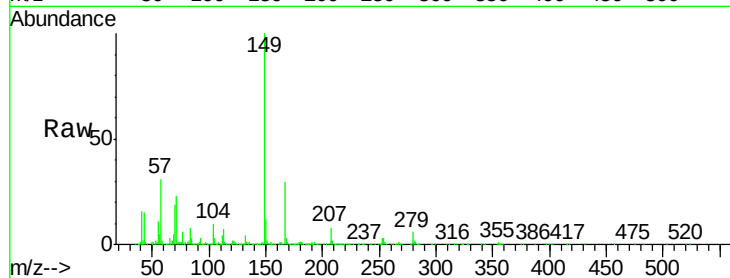
BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:149 Resp: 577580

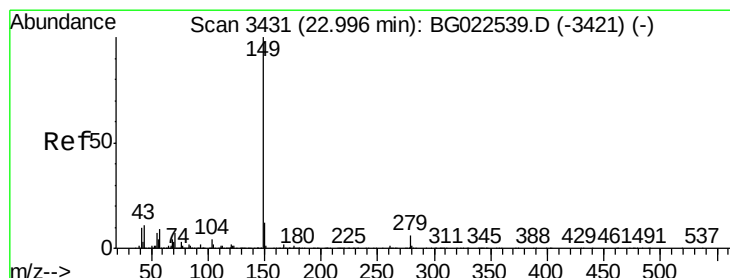
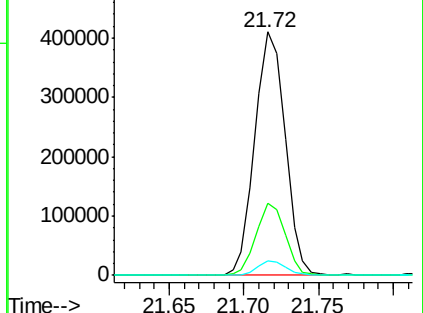
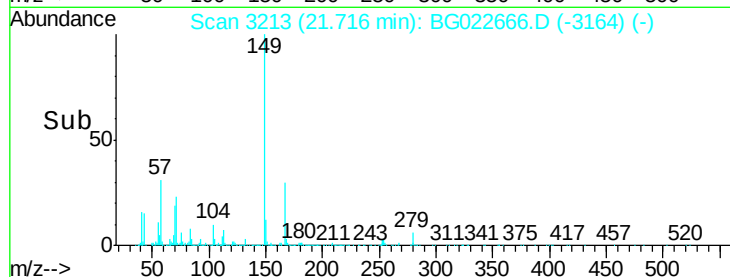
Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.0	36.0
279	5.8	4.8	7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 13.58 ng

RT: 22.98 min Scan# 3428

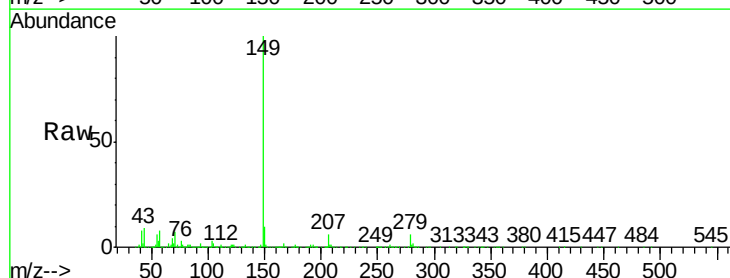
Delta R.T. -0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Tgt Ion:149 Resp: 1017414

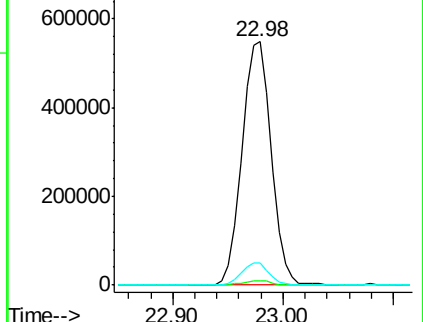
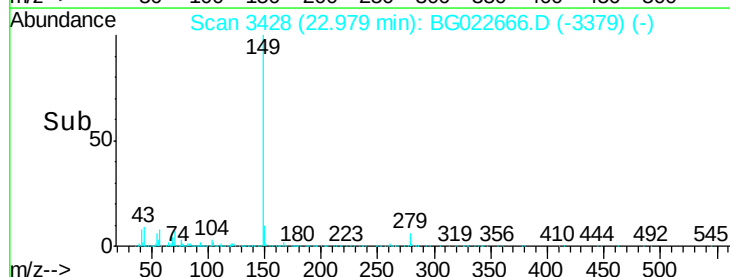
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	8.7	8.8	13.2#

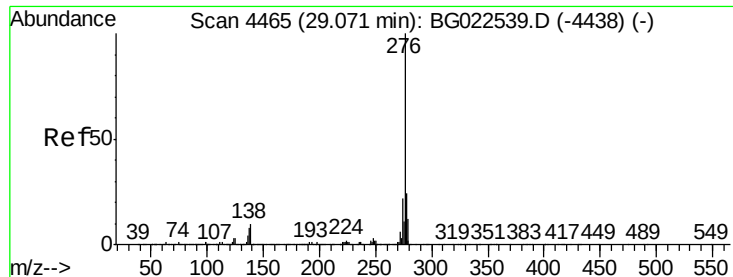


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

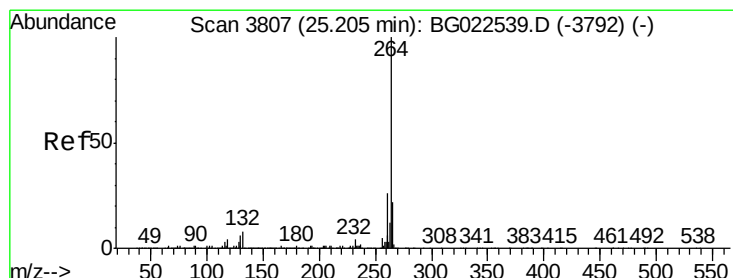
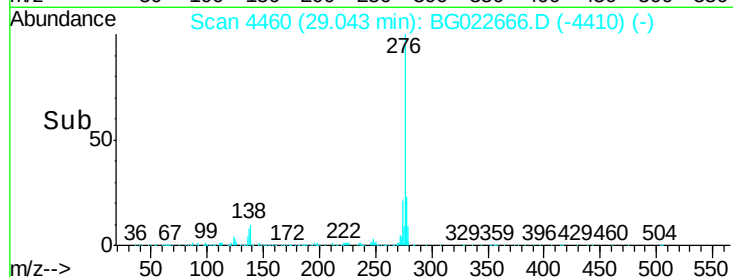
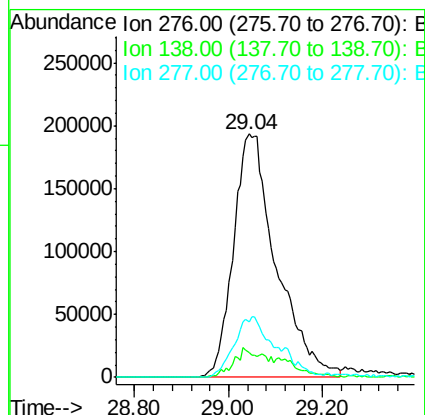
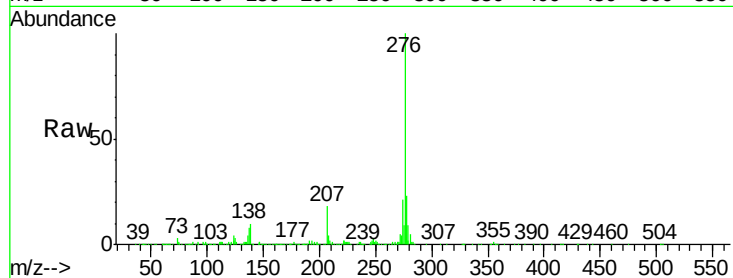




#85
Indeno(1,2,3-cd)pyrene
Concen: 12.77 ng
RT: 29.04 min Scan# 4460
Delta R.T. -0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

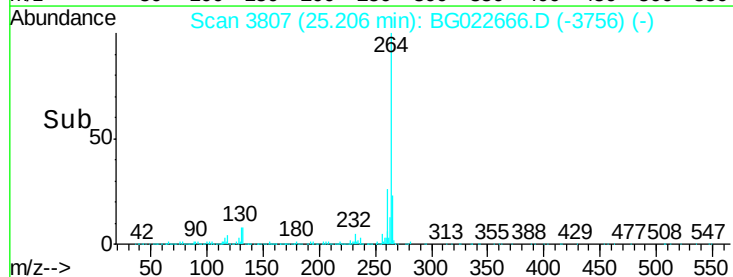
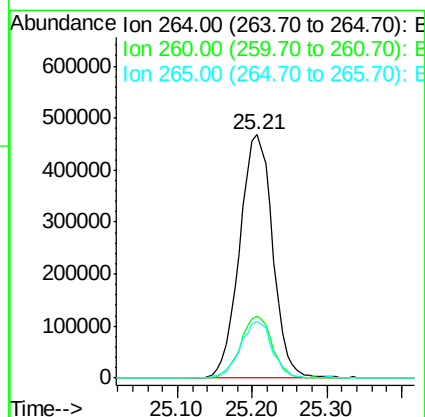
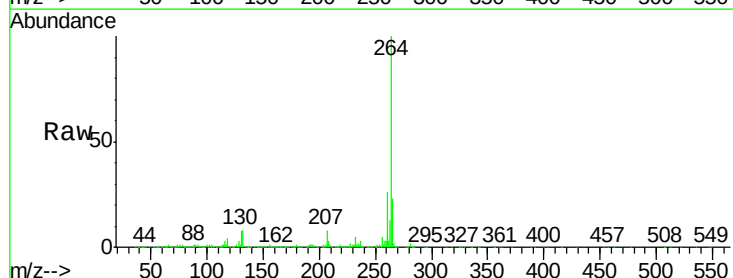
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

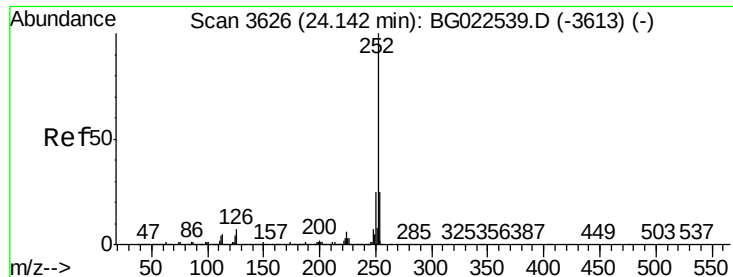
Tot Ion:276 Resp: 1221495
Ion Ratio Lower Upper
276 100
138 5.9 0.0 0.0#
277 24.6 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:264 Resp: 1436774
Ion Ratio Lower Upper
264 100
260 25.6 18.4 27.6
265 23.2 18.9 28.3

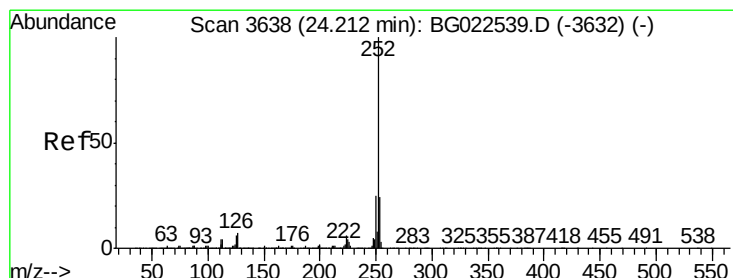
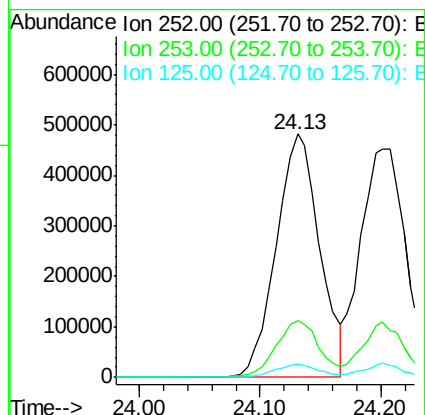
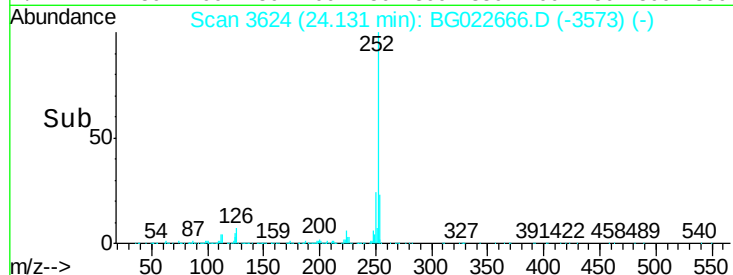
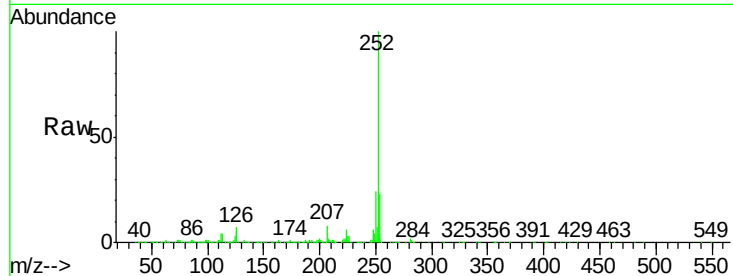




#87
Benzo(b)fluoranthene
Concen: 13.86 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

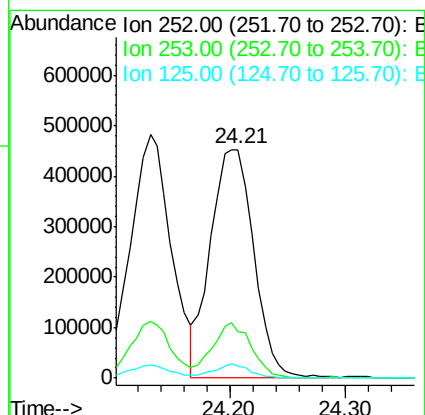
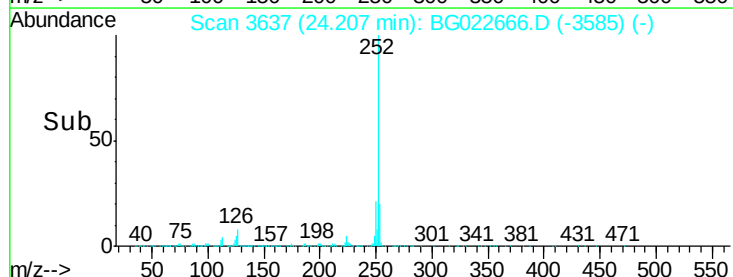
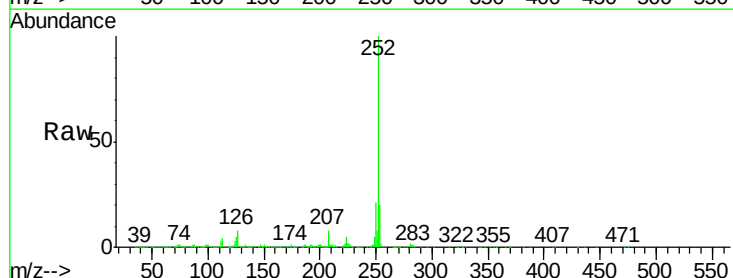
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

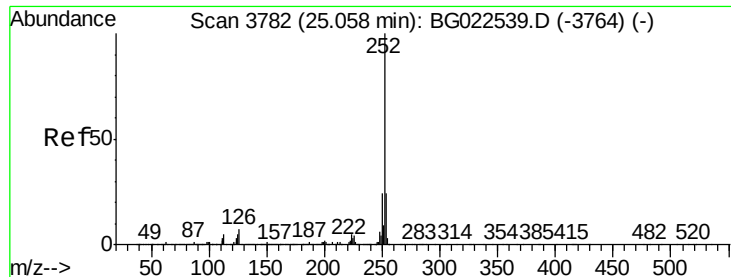
Tot Ion:252 Resp: 1197545
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 5.5 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 14.36 ng
RT: 24.21 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG022666.D
Acq: 28 Jun 2016 6:38

Tgt Ion:252 Resp: 1172814
Ion Ratio Lower Upper
252 100
253 20.1 18.8 28.2
125 5.0 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 13.82 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

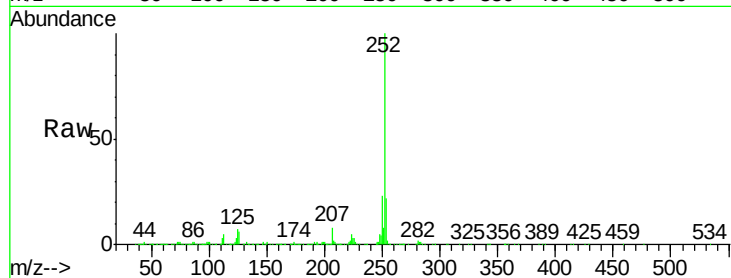
BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:252 Resp: 1164194

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	7.0	3.9	5.9

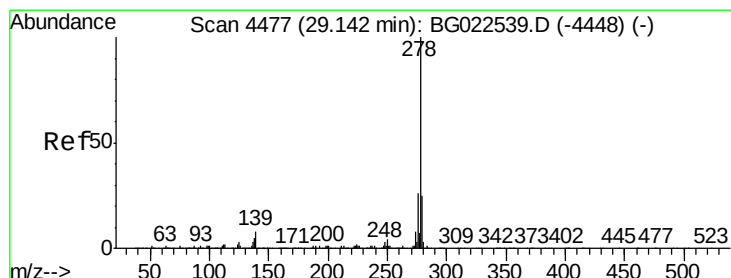
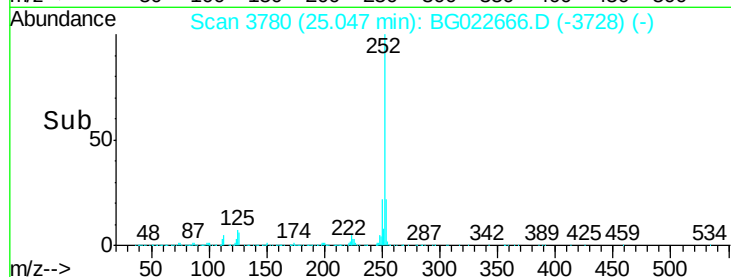
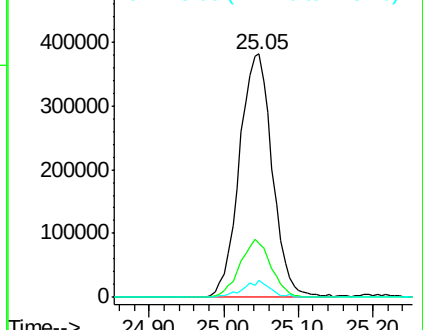


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 12.59 ng

RT: 29.11 min Scan# 4472

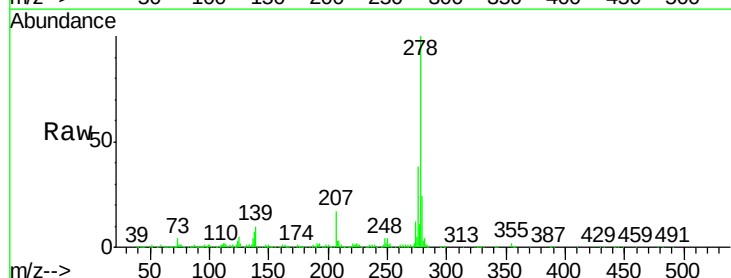
Delta R.T. 0.00 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Tgt Ion:278 Resp: 998507

Ion	Ratio	Lower	Upper
278	100		
139	9.9	4.7	7.1
279	23.9	18.3	27.5

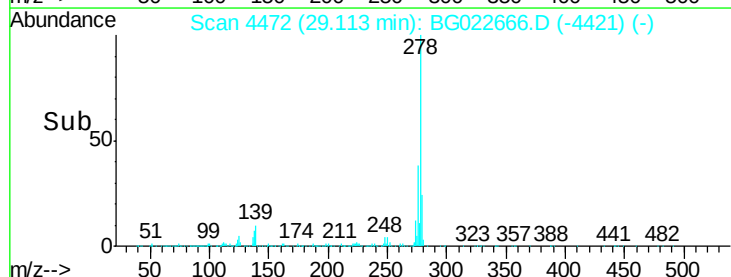
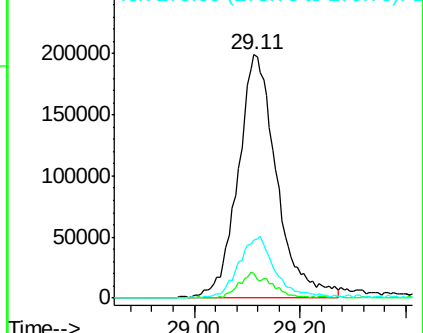


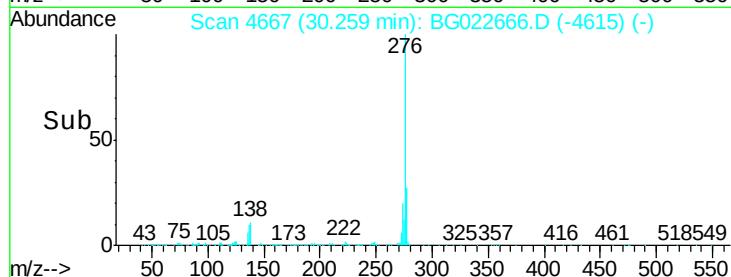
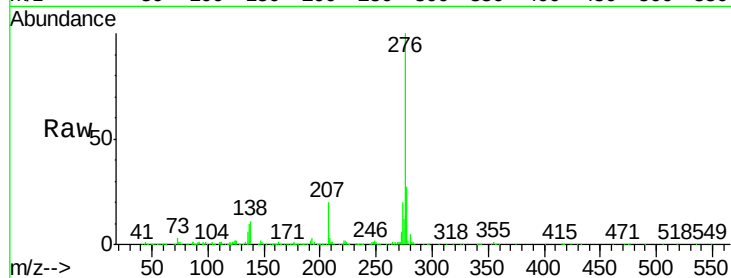
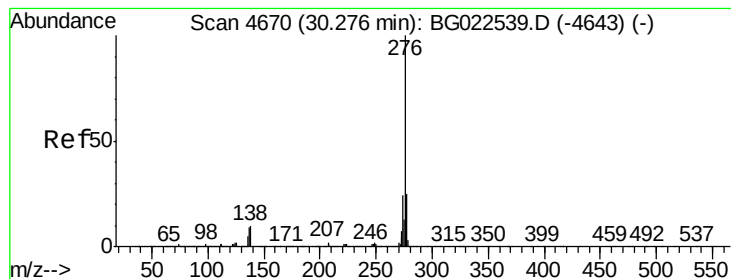
Abundance

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





#91

Benzo(a,h,i)perylene

Concen: 12.15 ng

RT: 30.26 min Scan# 4667

Delta R.T. 0.01 min

Lab File: BG022666.D

Acq: 28 Jun 2016 6:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:276 Resp: 980810

Ion Ratio Lower Upper

276 100

277 27.3 18.6 27.8

138 11.5 6.8 10.2#

