

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032117\
 Data File : BG026359.D
 Acq On : 21 Mar 2017 15:26
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Quant Time: Mar 22 03:33:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	118782	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	524451	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	307188	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	729951	20.00	ng	0.00
75) Chrysene-d12	21.63	240	874051	20.00	ng	0.00
86) Perylene-d12	24.81	264	842872	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	879700	131.45	ng	0.00
7) Phenol-d6	7.21	99	1147674	127.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	704896	80.82	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	513639	146.01	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1930913	88.15	ng	0.00
78) Terphenyl-d14	19.98	244	2695185	74.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	15487	5.16	ng	# 71
3) Pyridine	3.92	79	41917	5.10	ng	# 54
4) n-Nitrosodimethylamine	3.82	42	9193	4.09	ng	# 1
6) Aniline	7.36	93	59753	4.98	ng	# 86
8) 2-Chlorophenol	7.61	128	39021	5.18	ng	# 77
9) Benzaldehyde	7.18	77	31663	5.22	ng	# 64
10) Phenol	7.23	94	49474	5.16	ng	# 77
11) bis(2-Chloroethyl)ether	7.46	93	39589	5.04	ng	# 83
12) 1,3-Dichlorobenzene	7.93	146	49007	5.46	ng	# 89
13) 1,4-Dichlorobenzene	8.08	146	49834	5.49	ng	# 91
14) 1,2-Dichlorobenzene	8.40	146	46389	5.34	ng	# 83
15) Benzyl Alcohol	8.28	79	27175	4.61	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.57	45	40260	4.61	ng	# 82
17) 2-Methylphenol	8.48	107	34309	5.04	ng	# 83
18) Hexachloroethane	9.13	117	15346	5.17	ng	# 97
19) n-Nitroso-di-n-propylamine	8.84	70	28650	4.96	ng	# 65
20) 3+4-Methylphenols	8.81	107	47563	5.07	ng	# 88
22) Acetophenone	8.86	105	61645	5.11	ng	# 74
24) Nitrobenzene	9.24	77	43521	5.05	ng	# 67
25) Isophorone	9.76	82	79448	4.83	ng	# 90
26) 2-Nitrophenol	9.96	139	21732	4.85	ng	# 56
27) 2,4-Dimethylphenol	10.01	122	34414	4.68	ng	# 87
28) bis(2-Chloroethoxy)methane	10.24	93	53151	4.98	ng	# 93
29) 2,4-Dichlorophenol	10.50	162	37633	5.06	ng	# 94
30) 1,2,4-Trichlorobenzene	10.71	180	46242	5.53	ng	# 91
31) Naphthalene	10.90	128	142115	5.36	ng	# 97
32) Benzoic acid	10.08	122	13990	2.47	ng	# 67
33) 4-Chloroaniline	11.00	127	52262	4.85	ng	# 81
34) Hexachlorobutadiene	11.18	225	25745	5.22	ng	# 98
35) Caprolactam	11.74	113	13588	4.64	ng	# 48
36) 4-Chloro-3-methylphenol	12.12	107	38560	4.85	ng	# 77
37) 2-Methylnaphthalene	12.49	142	105459	5.43	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	51539	5.58	ng	# 98
40) Hexachlorocyclopentadiene	12.83	237	19318	3.97	ng	# 96

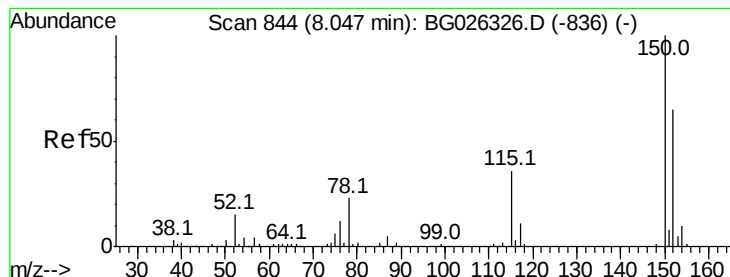
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	30093	4.97	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	32560	4.87	nq	# 90
45) 1,1'-Biphenyl	13.49	154	139502	5.48	nq	97
46) 2-Chloronaphthalene	13.53	162	100467	5.41	nq	95
47) 2-Nitroaniline	13.73	65	22093	4.18	nq	# 54
48) Acenaphthylene	14.37	152	176224	5.44	nq	95
49) Dimethylphthalate	14.10	163	124084	5.35	nq	98
50) 2,6-Dinitrotoluene	14.22	165	26038	4.81	nq	# 63
51) Acenaphthene	14.71	154	106412	5.33	nq	98
52) 3-Nitroaniline	14.55	138	27055	4.54	nq	# 64
53) 2,4-Dinitrophenol	14.77	184	5298	1.69	nq	# 69
54) Dibenzofuran	15.04	168	157644	5.61	nq	# 84
55) 4-Nitrophenol	14.86	139	19470	3.99	nq	# 36
56) 2,4-Dinitrotoluene	15.01	165	34660	4.55	nq	# 74
57) Fluorene	15.69	166	139064	5.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	30821	5.28	nq	# 97
59) Diethylphthalate	15.45	149	121914	5.14	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	63160	5.33	nq	87
61) 4-Nitroaniline	15.70	138	28859	4.58	nq	# 51
62) Azobenzene	15.97	77	94852	4.92	nq	80
64) 4,6-Dinitro-2-methylphenol	15.77	198	18279	3.97	nq	83
65) n-Nitrosodiphenylamine	15.90	169	116685	5.45	nq	95
66) 4-Bromophenyl-phenylether	16.57	248	42267	5.63	nq	90
67) Hexachlorobenzene	16.70	284	43583	5.44	nq	93
68) Atrazine	16.83	200	40525	5.00	nq	97
69) Pentachlorophenol	17.04	266	23658	4.54	nq	97
70) Phenanthrene	17.42	178	220064	5.61	nq	# 92
71) Anthracene	17.52	178	218665	5.47	nq	96
72) Carbazole	17.78	167	225218	5.47	nq	# 94
73) Di-n-butylphthalate	18.33	149	210698	4.98	nq	# 90
74) Fluoranthene	19.43	202	260361	5.65	nq	95
76) Benzidine	19.60	184	130468	4.33	nq	98
77) Pyrene	19.79	202	276270	5.46	nq	94
79) Butylbenzylphthalate	20.66	149	95730	4.73	nq	# 82
80) Benzo(a)anthracene	21.61	228	275261	5.60	nq	95
81) 3,3'-Dichlorobenzidine	21.52	252	98208	4.88	nq	# 96
82) Chrysene	21.68	228	263534	5.61	nq	94
83) Bis(2-ethylhexyl)phthalate	21.51	149	144342	4.72	nq	# 99
84) Di-n-octyl phthalate	22.70	149	244617	4.69	nq	# 83
85) Indeno(1,2,3-cd)pyrene	28.43	276	295690	5.10	nq	# 88
87) Benzo(b)fluoranthene	23.80	252	262048	5.27	nq	# 95
88) Benzo(k)fluoranthene	23.86	252	257326	5.34	nq	# 94
89) Benzo(a)pyrene	24.66	252	251570	5.28	nq	# 89
90) Dibenzo(a,h)anthracene	28.49	278	251198	5.22	nq	# 93
91) Benzo(g,h,i)perylene	29.57	276	254199	5.24	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

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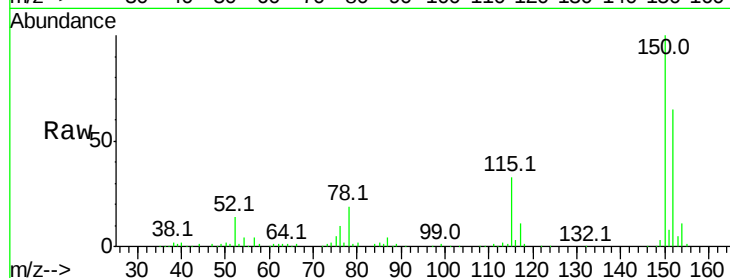
Tot Ion:152 Resp: 118782

Ion Ratio Lower Upper

152 100

150 154.9 114.0 171.0

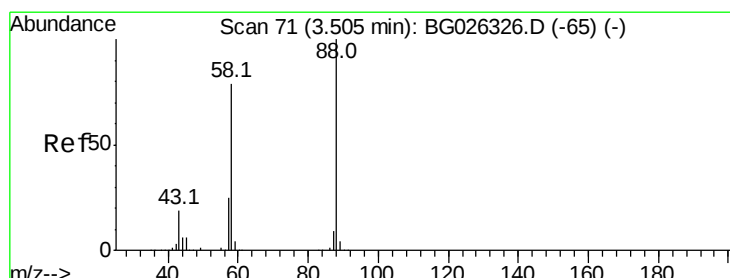
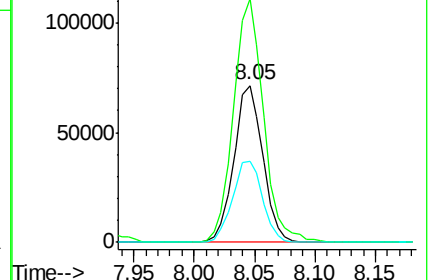
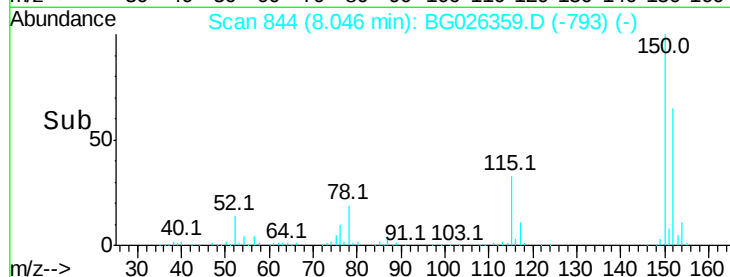
115 51.9 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 5.16 ng

RT: 3.50 min Scan# 71

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

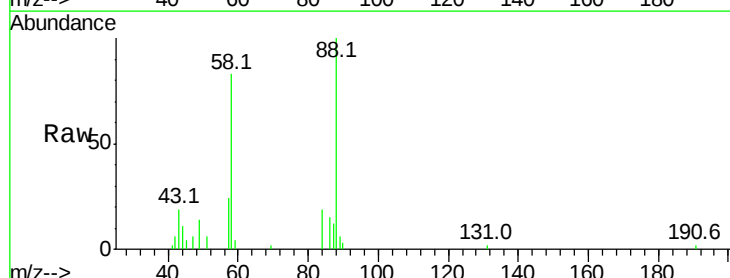
Tgt Ion: 88 Resp: 15487

Ion Ratio Lower Upper

88 100

58 73.4 79.4 119.2#

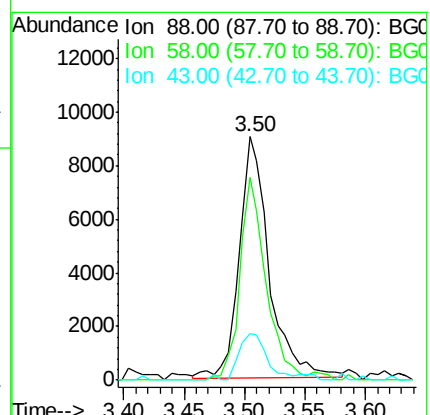
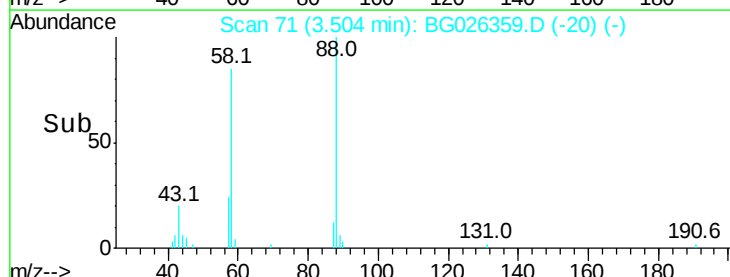
43 18.4 33.8 50.6#

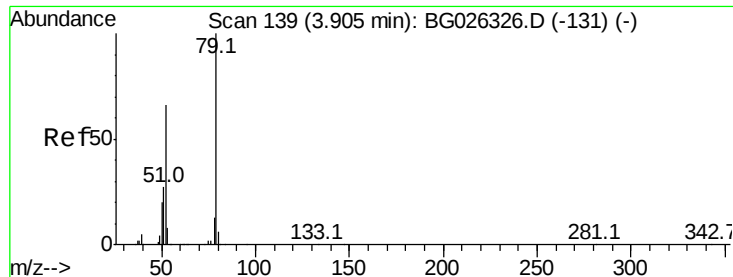


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 5.10 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

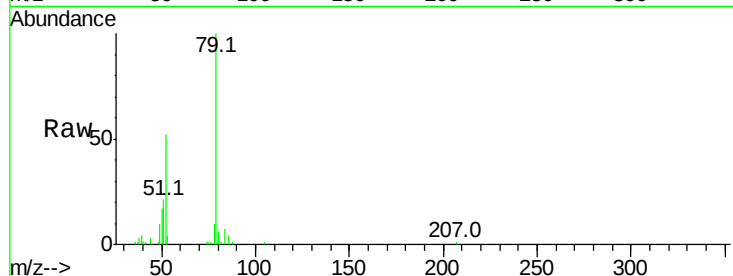
Tot Ion: 79 Resp: 41917

Ion Ratio Lower Upper

79 100

52 52.2 77.8 116.6#

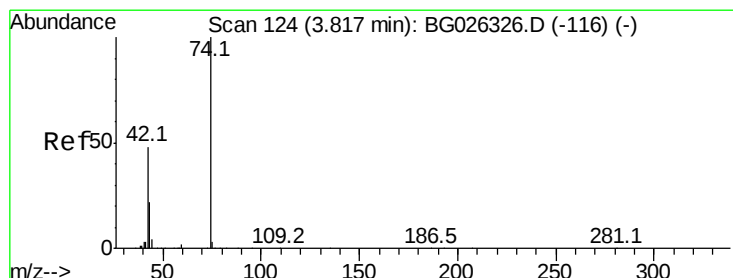
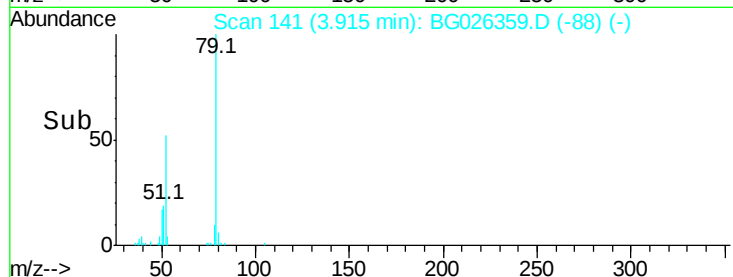
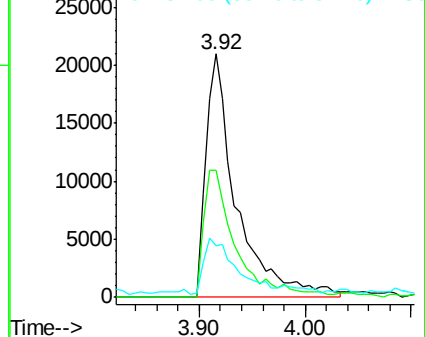
51 21.4 43.2 64.8#



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: 4.09 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

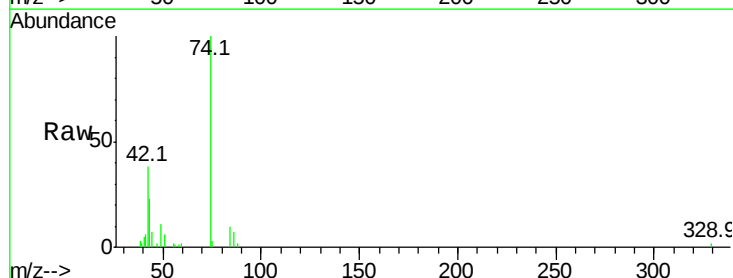
Tgt Ion: 42 Resp: 9193

Ion Ratio Lower Upper

42 100

74 260.3 76.7 115.1#

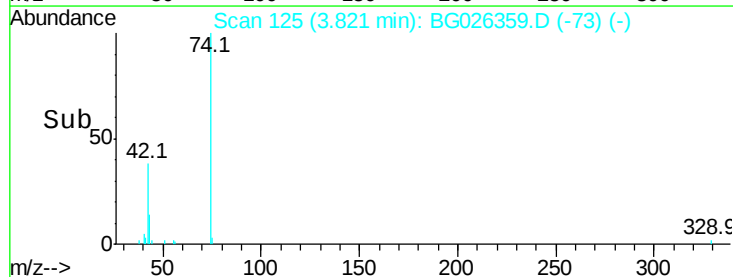
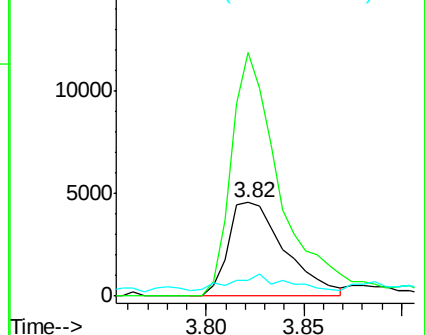
44 17.2 6.1 9.1#

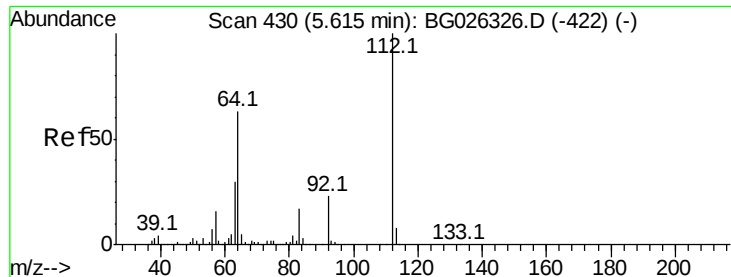


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 131.45 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

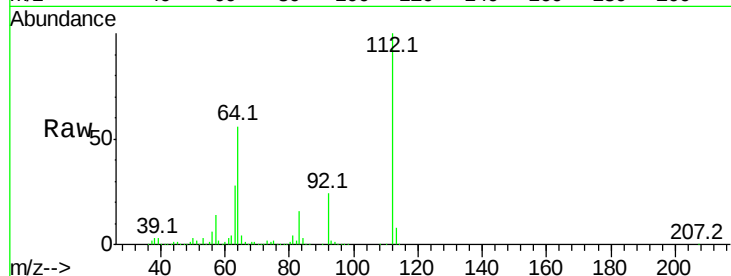
Tot Ion:112 Resp: 879700

Ion Ratio Lower Upper

112 100

64 56.2 61.8 92.6#

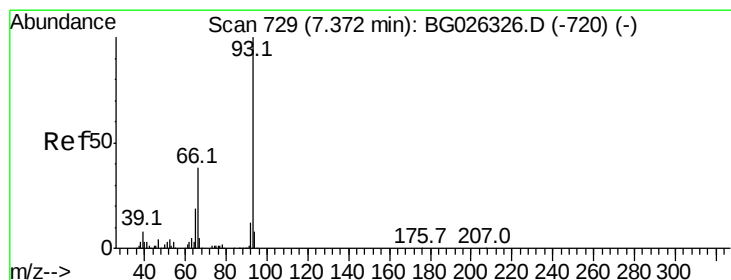
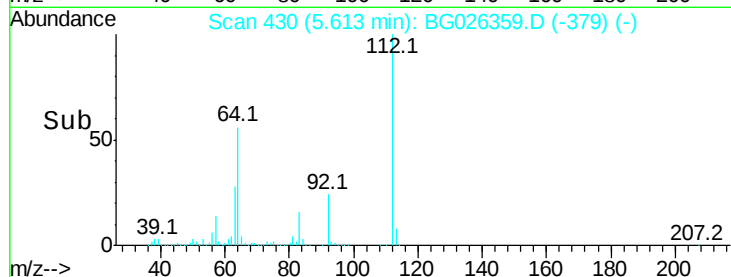
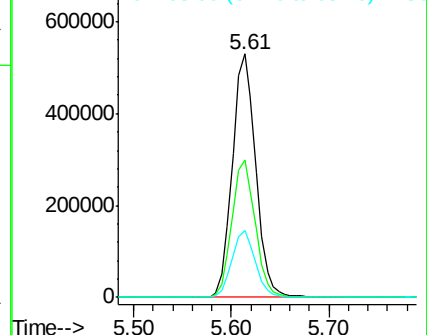
63 27.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.98 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

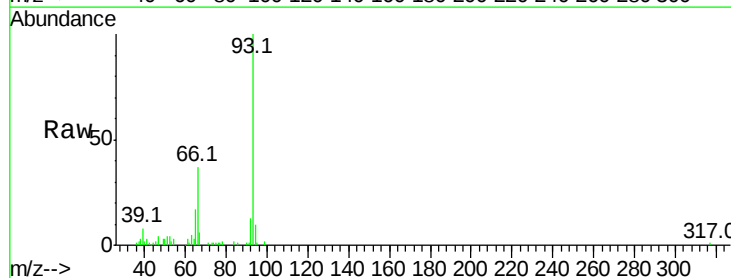
Tgt Ion: 93 Resp: 59753

Ion Ratio Lower Upper

93 100

66 36.7 35.4 53.2

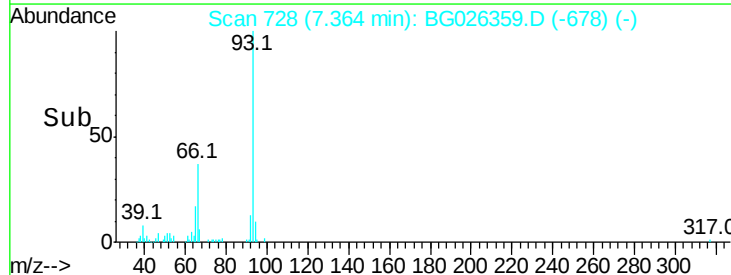
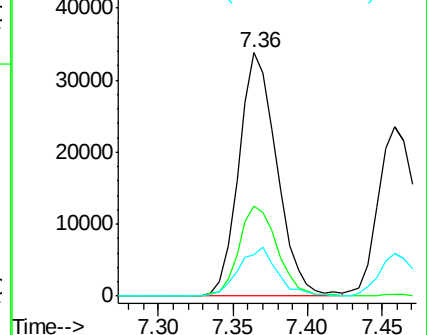
65 17.0 21.2 31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.74 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

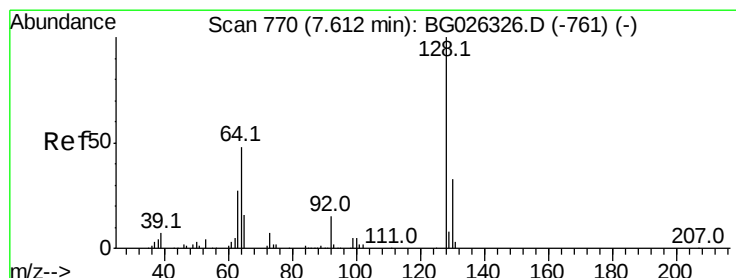
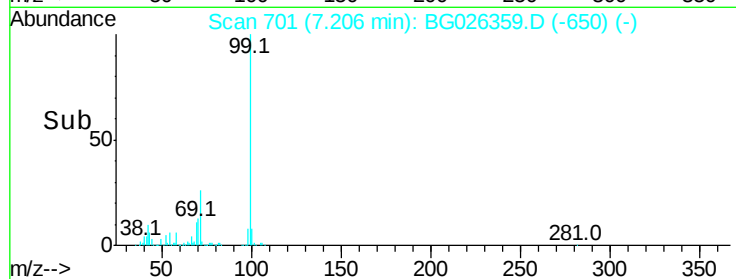
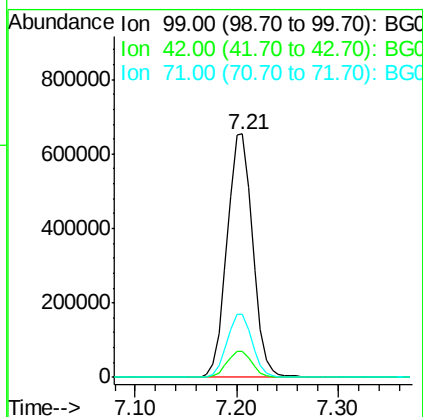
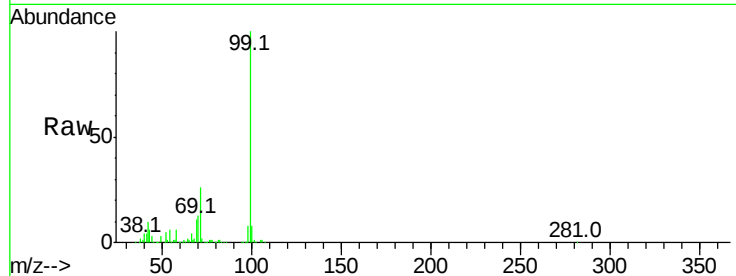
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1147674

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.0	37.6	56.4#



#8

2-Chlorophenol

Concen: 5.18 ng

RT: 7.61 min Scan# 770

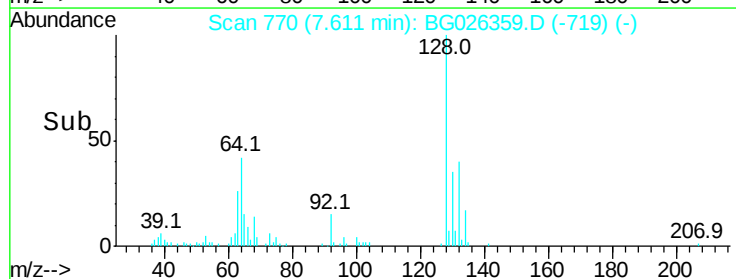
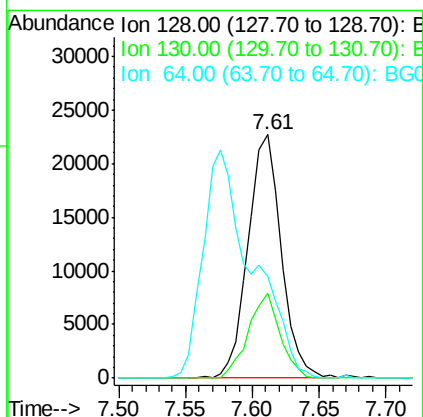
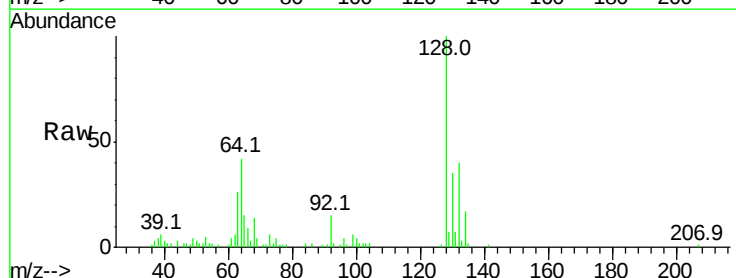
Delta R.T. -0.00 min

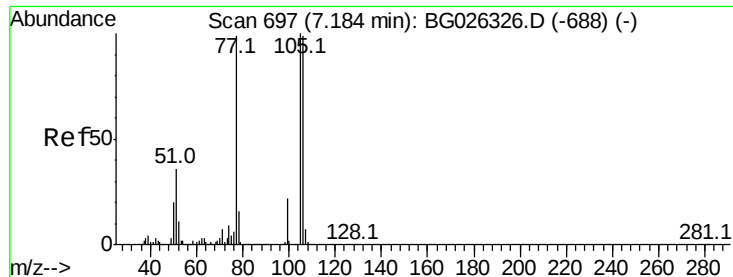
Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Tgt Ion:128 Resp: 39021

Ion	Ratio	Lower	Upper
128	100		
130	35.0	11.4	51.4
64	41.5	46.6	86.6#





#9

Benzaldehyd

Concen: 5.22 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

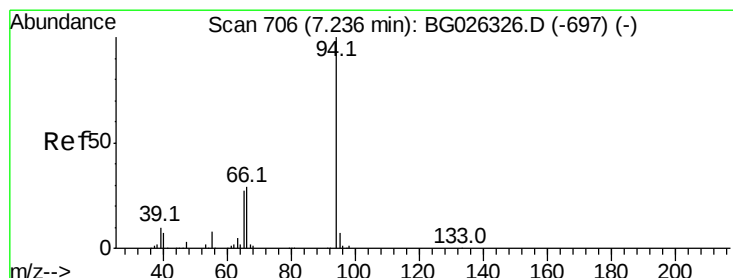
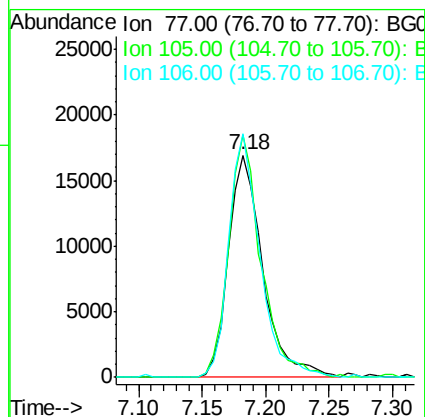
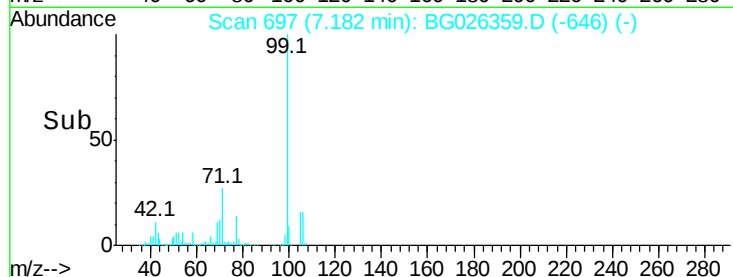
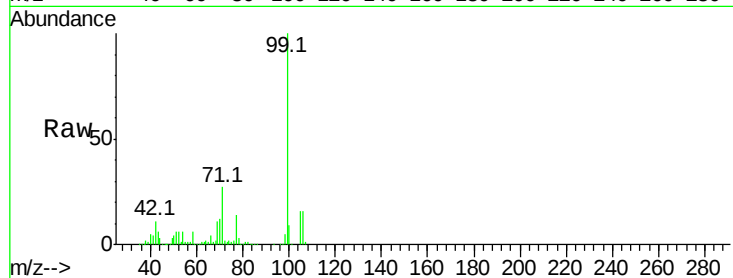
Tot Ion: 77 Resp: 31663

Ion Ratio Lower Upper

77 100

105 109.5 60.9 100.9#

106 109.7 55.1 95.1#



#10

Phenol

Concen: 5.16 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

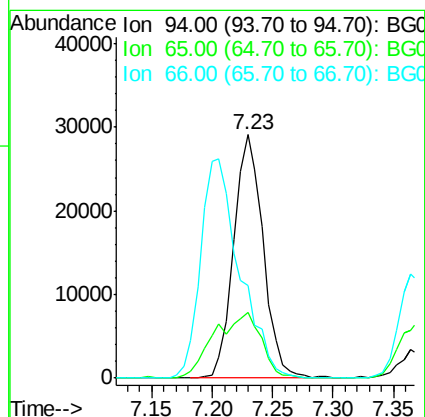
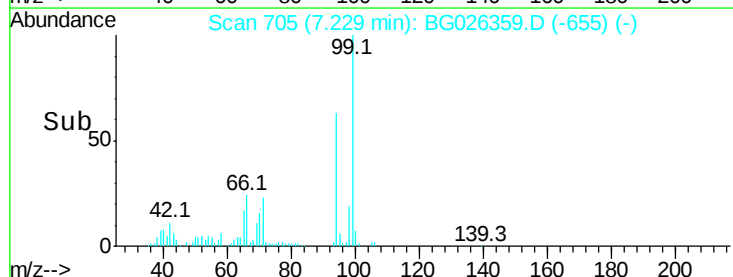
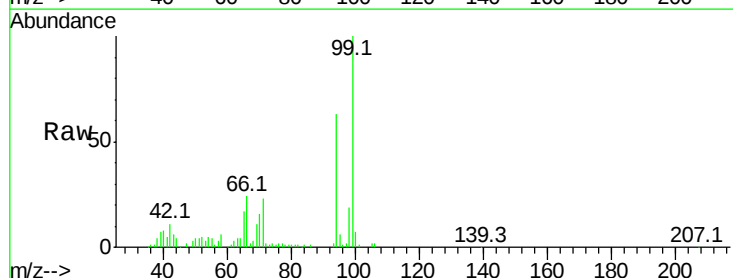
Tgt Ion: 94 Resp: 49474

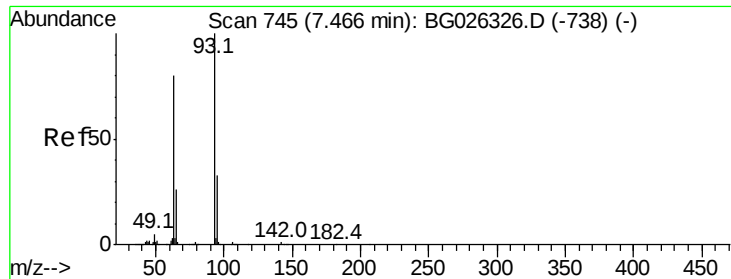
Ion Ratio Lower Upper

94 100

65 26.9 20.6 60.6

66 38.1 35.5 75.5

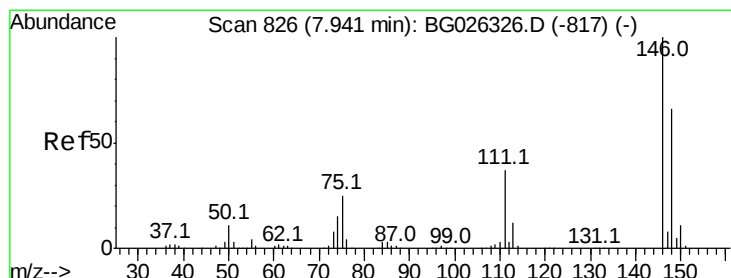
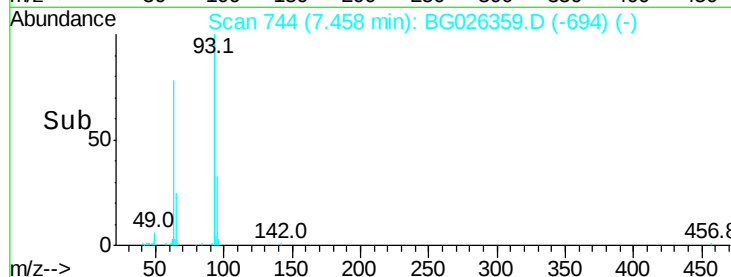
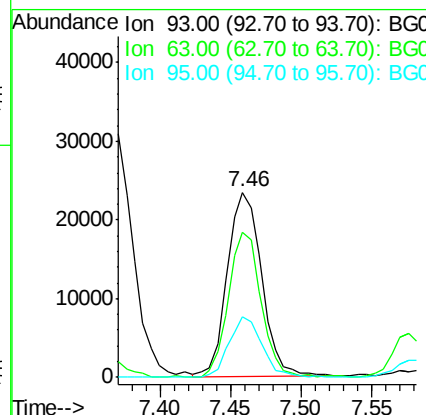
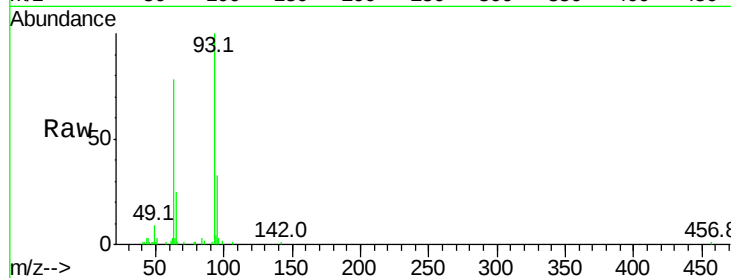




#11
bis(2-Chloroethyl)ether
Concen: 5.04 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

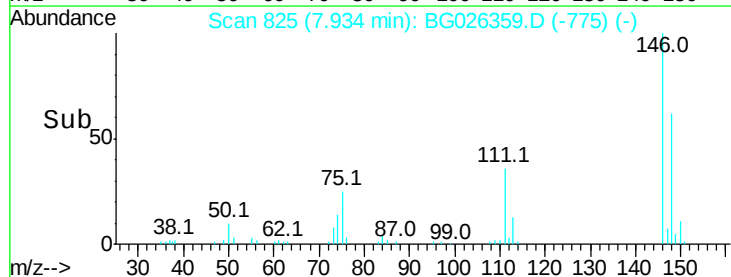
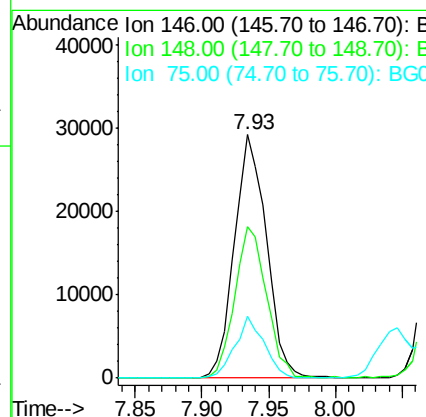
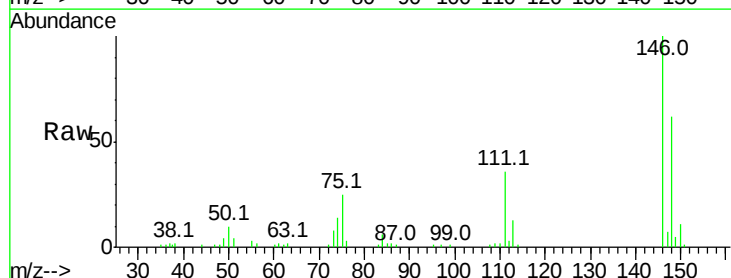
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

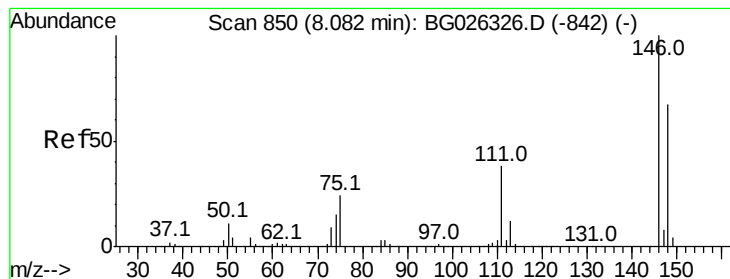
Tot Ion: 93 Resp: 39589
Ion Ratio Lower Upper
93 100
63 78.2 78.5 118.5#
95 32.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 5.46 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion: 146 Resp: 49007
Ion Ratio Lower Upper
146 100
148 62.4 49.2 73.8
75 25.2 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 5.49 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

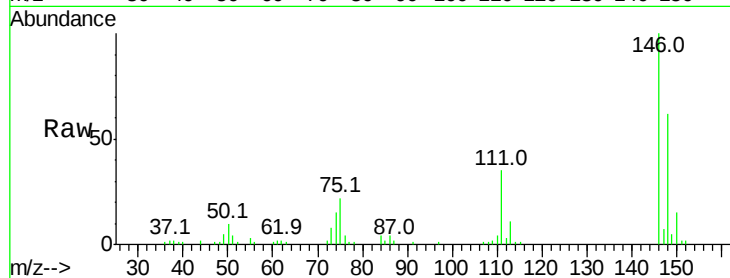
Tot Ion:146 Resp: 49834

Ion Ratio Lower Upper

146 100

148 62.2 52.2 78.2

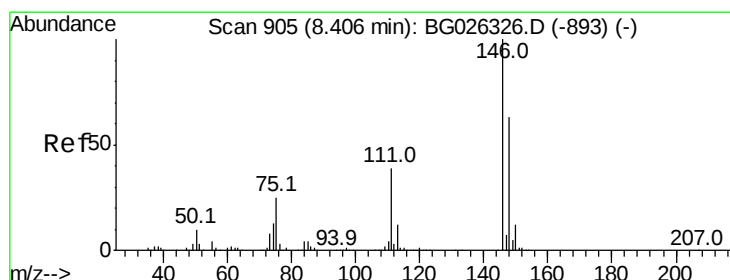
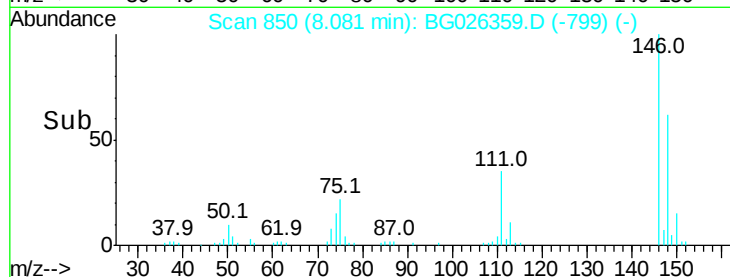
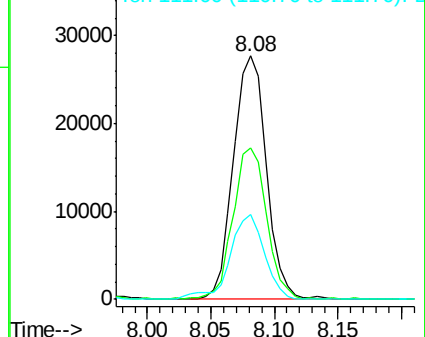
111 35.1 37.0 55.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.34 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

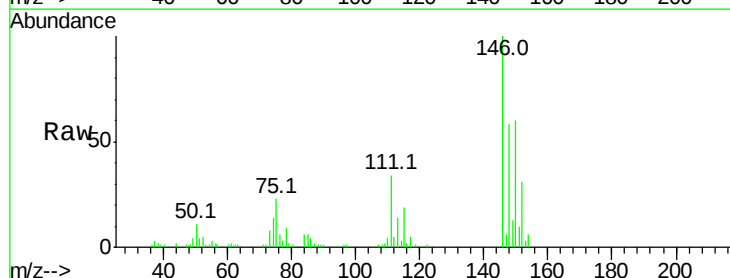
Tgt Ion:146 Resp: 46389

Ion Ratio Lower Upper

146 100

148 58.3 54.6 81.8

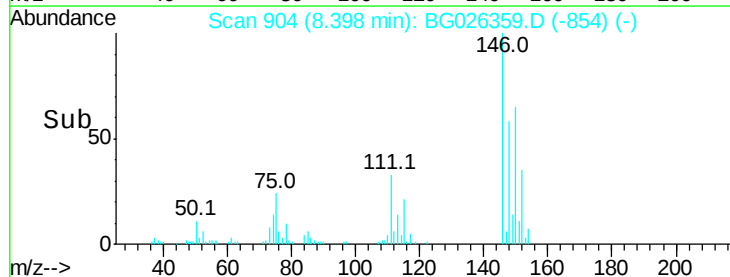
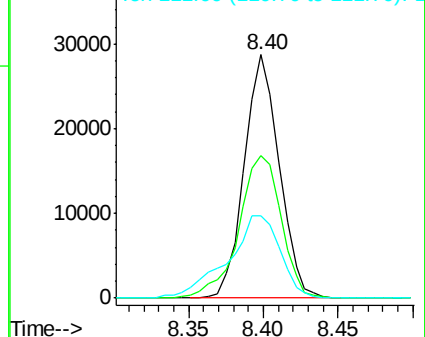
111 33.7 39.7 59.5#

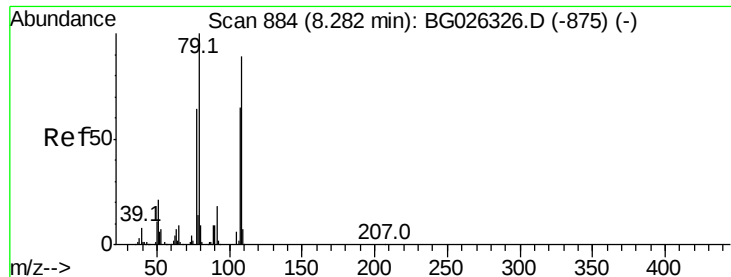


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.61 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

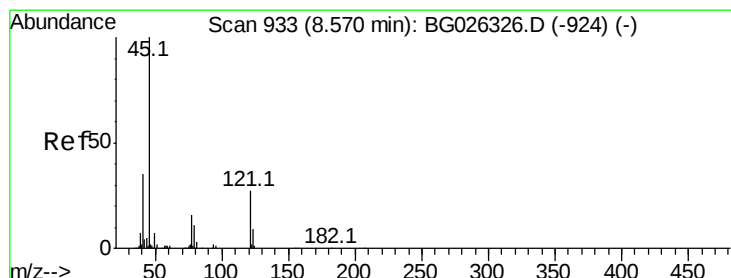
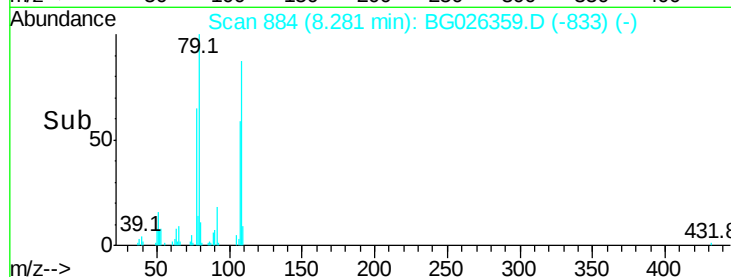
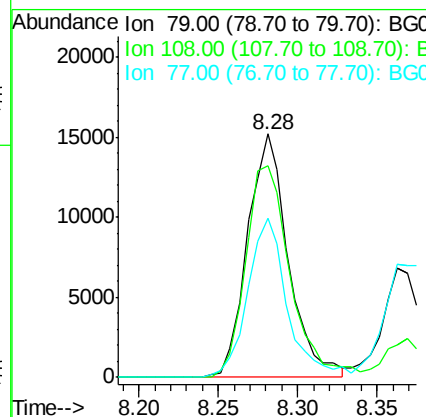
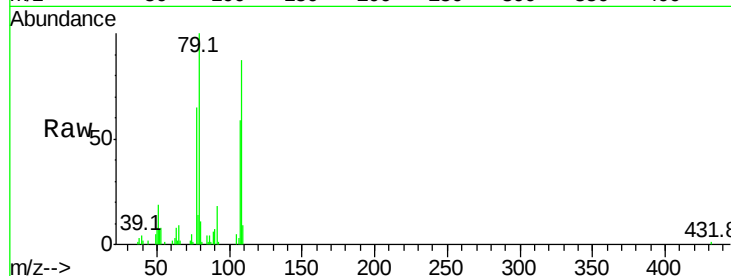
Tot Ion: 79 Resp: 27175

Ion Ratio Lower Upper

79 100

108 86.8 45.5 68.3#

77 65.3 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.61 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

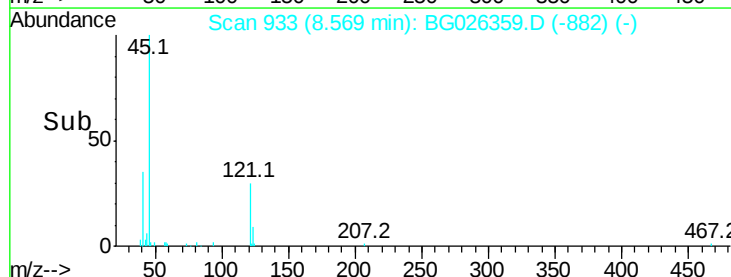
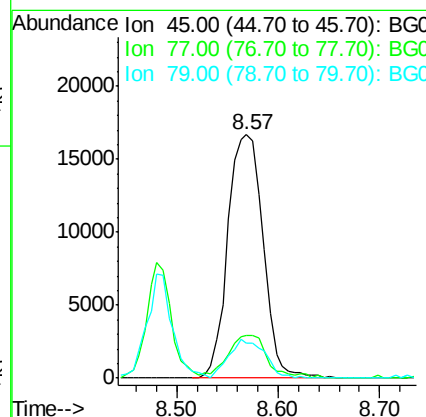
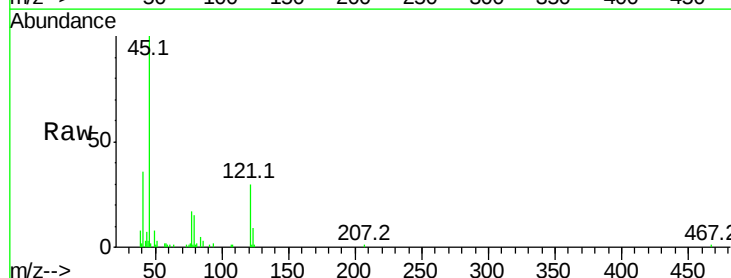
Tgt Ion: 45 Resp: 40260

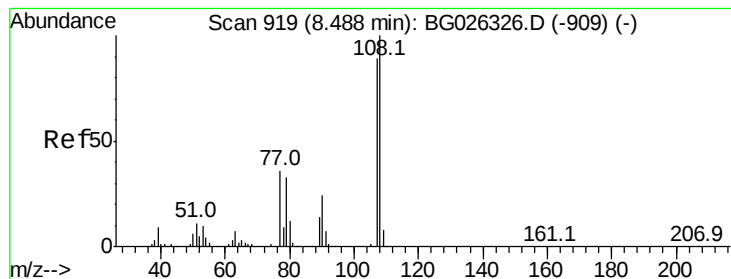
Ion Ratio Lower Upper

45 100

77 17.5 0.0 30.6

79 14.5 0.0 28.5

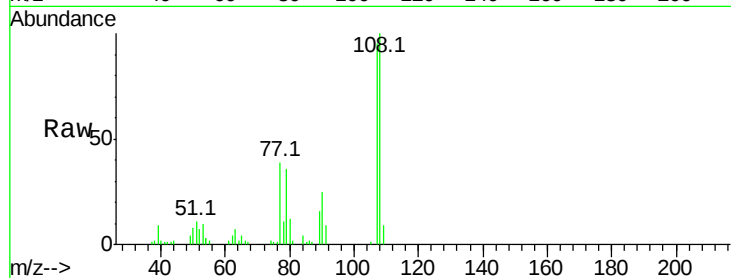




#17
2-Methylphenol
Concen: 5.04 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.7	85.6	128.4
77	41.3	51.4	77.2#
79	37.3	49.2	73.8#



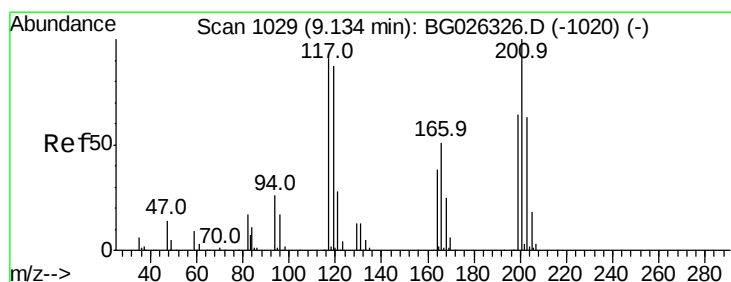
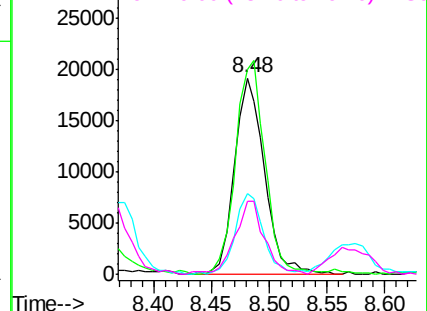
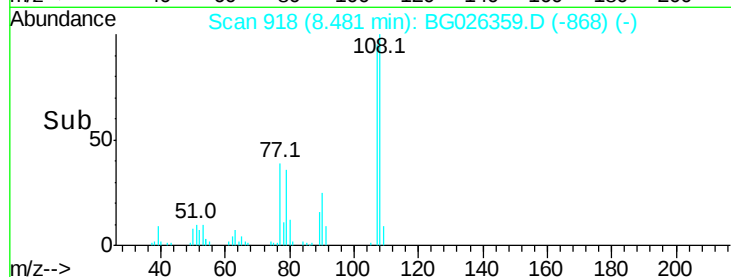
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

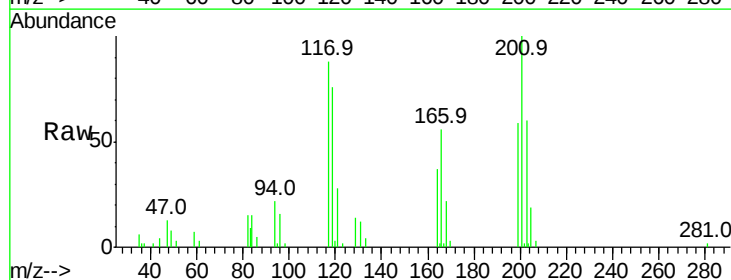
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 5.17 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.6	69.8	104.6
201	113.7	95.4	143.0

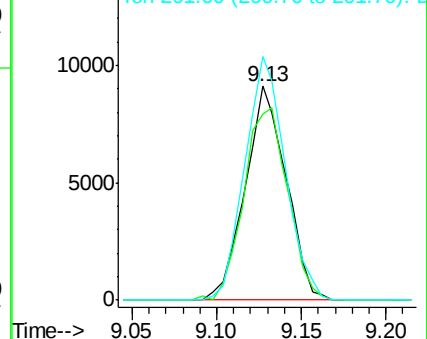
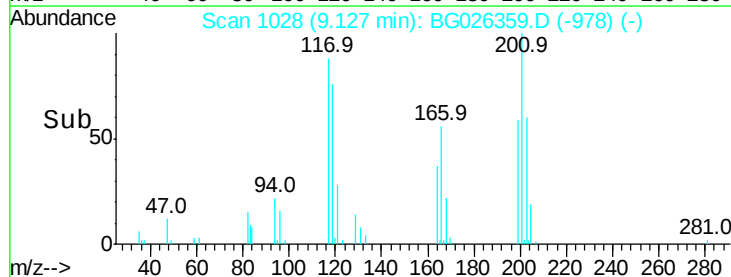


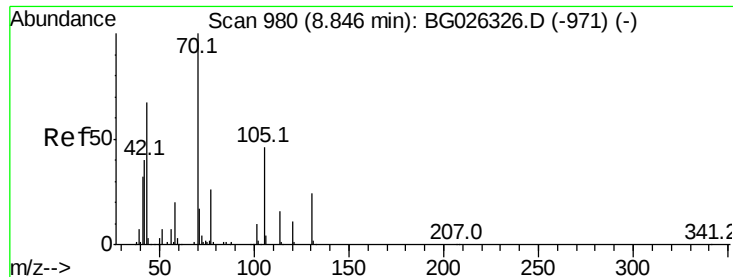
Abundance

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

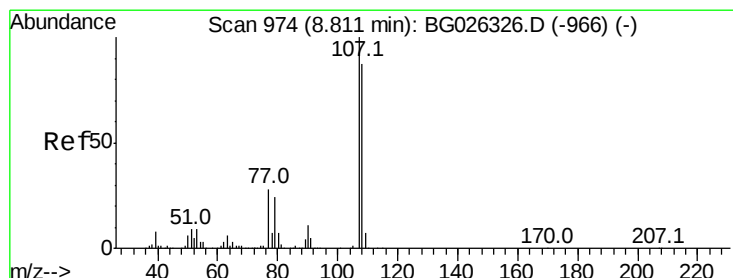
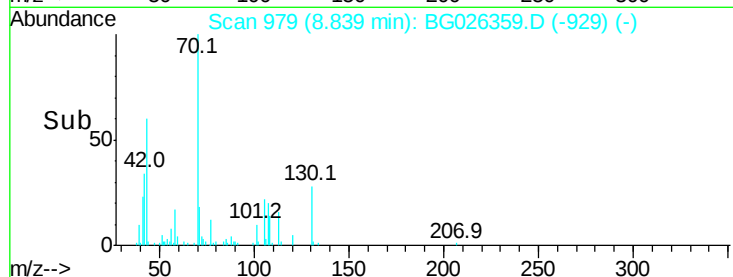
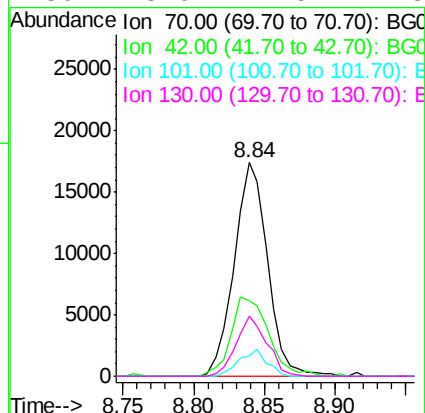
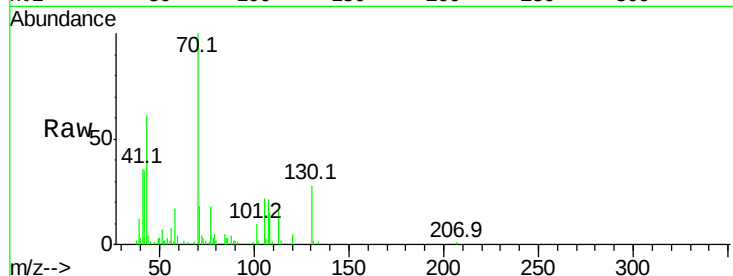




#19
n-Nitroso-di-n-propylamine
Concen: 4.96 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

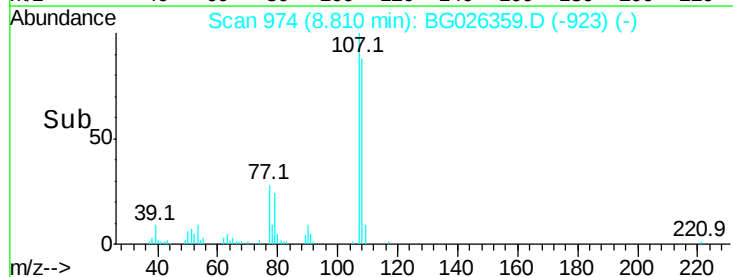
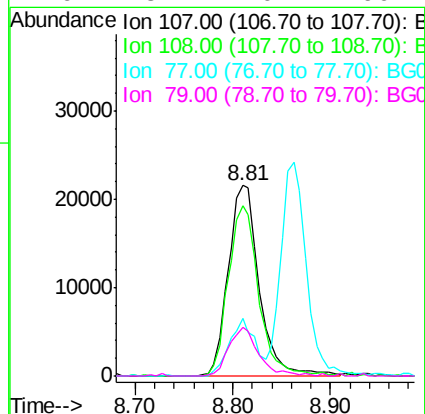
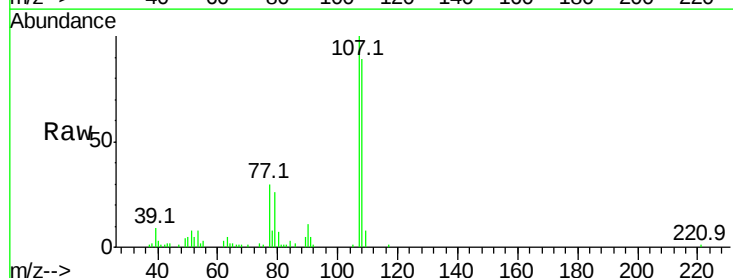
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

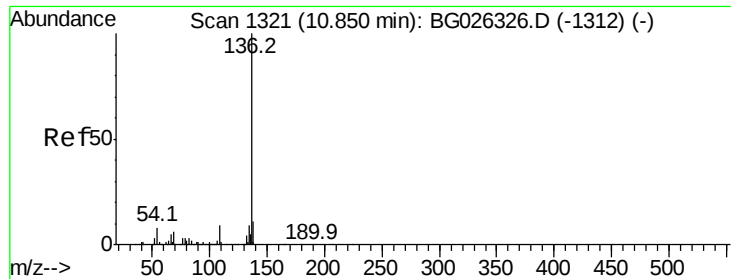
Tot Ion:	70	Resp:	28650
Ion	Ratio	Lower	Upper
70	100		
42	35.1	56.1	84.1#
101	9.6	7.5	11.3
130	28.0	14.6	21.8#



#20
3+4-Methylphenols
Concen: 5.07 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:	107	Resp:	47563
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.8	110.8
77	29.9	25.8	65.8
79	25.7	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion:136 Resp: 524451

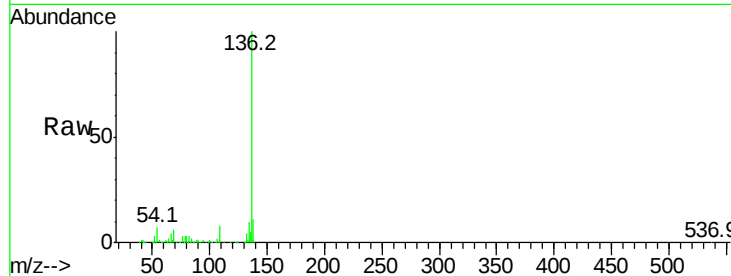
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 9.3 13.9#

68 6.2 5.1 7.7

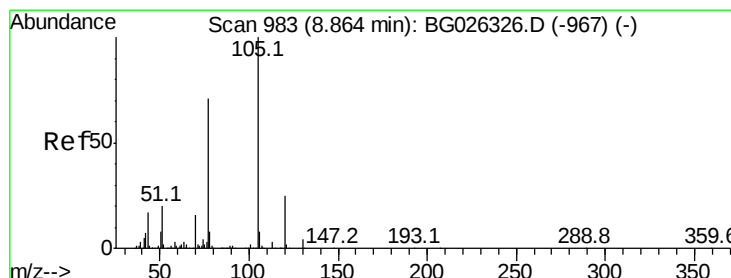
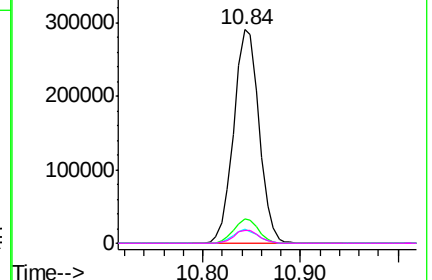
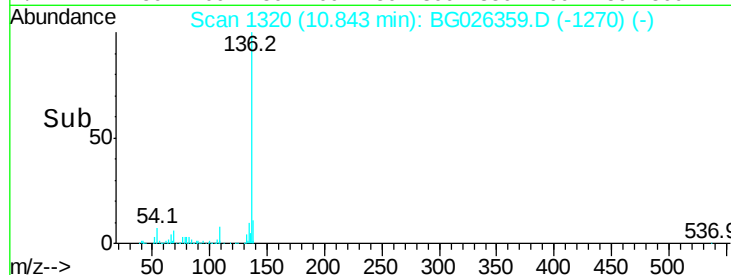


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 5.11 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Tgt Ion:105 Resp: 61645

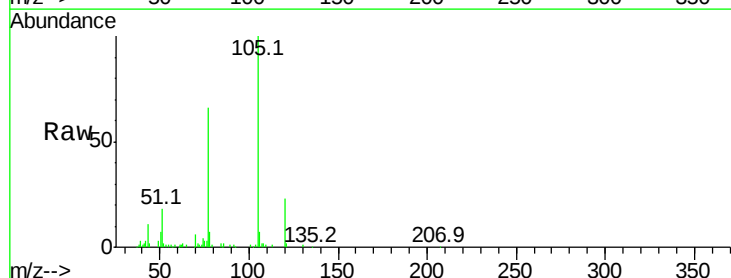
Ion Ratio Lower Upper

105 100

71 1.9 0.9 1.3#

51 17.7 34.0 51.0#

120 22.9 17.3 25.9

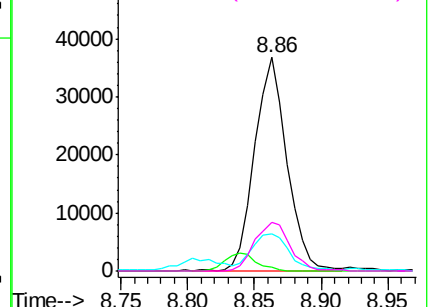
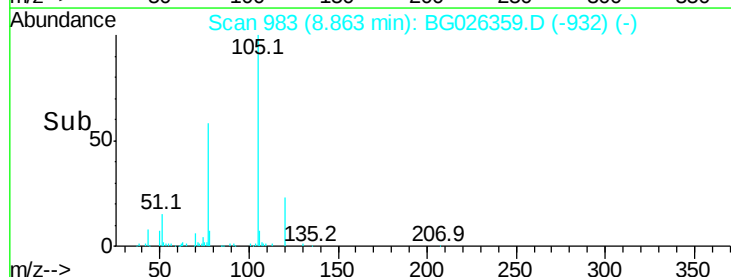


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

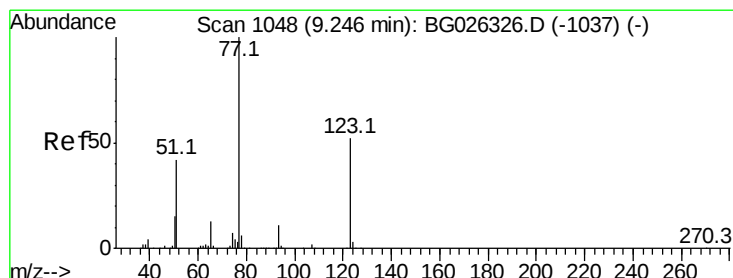
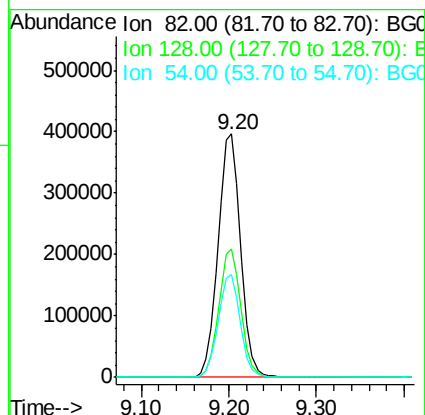
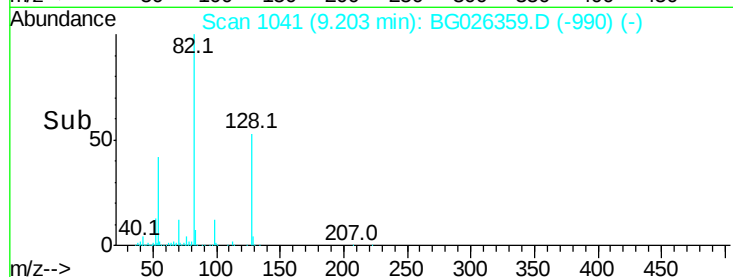
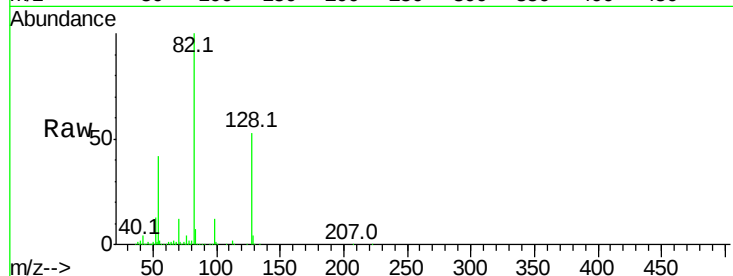




#23
 Nitrobenzene-d5
 Concen: 80.82 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

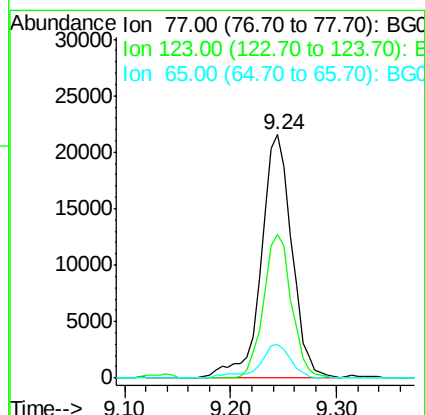
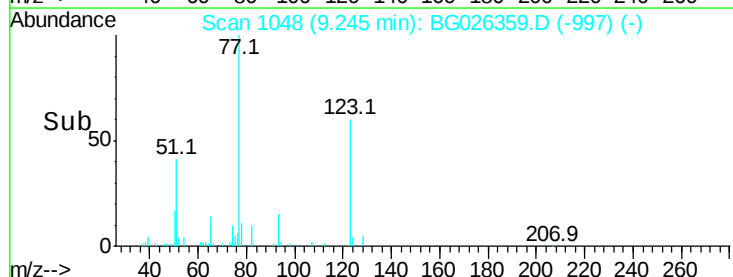
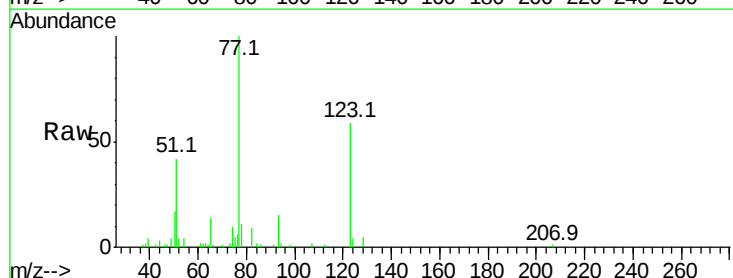
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

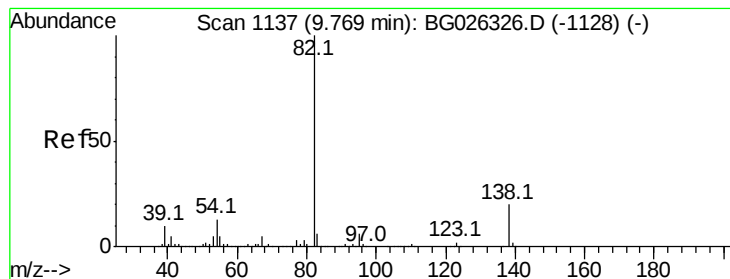
Tot Ion: 82 Resp: 704896
 Ion Ratio Lower Upper
 82 100
 128 52.5 26.4 39.6#
 54 42.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 5.05 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion: 77 Resp: 43521
 Ion Ratio Lower Upper
 77 100
 123 58.8 26.1 39.1#
 65 13.8 12.4 18.6





#25

Isophorone

Concen: 4.83 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

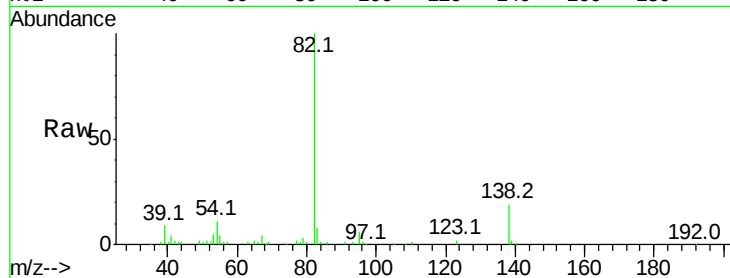
Tot Ion: 82 Resp: 79448

Ion Ratio Lower Upper

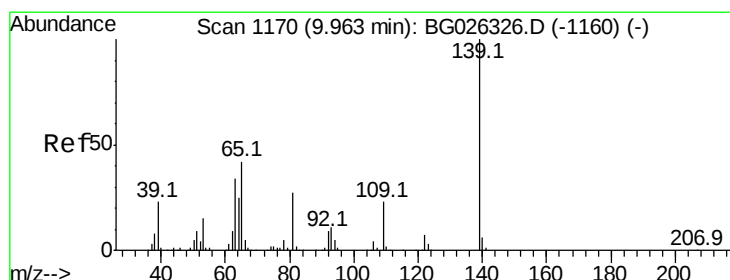
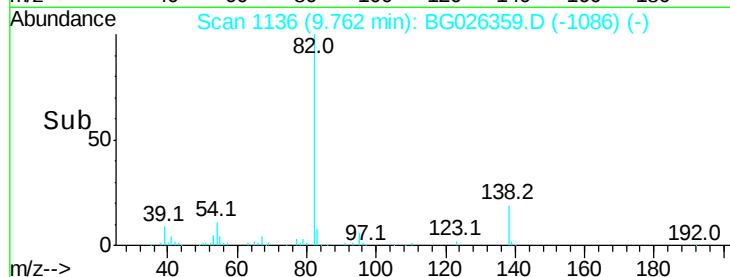
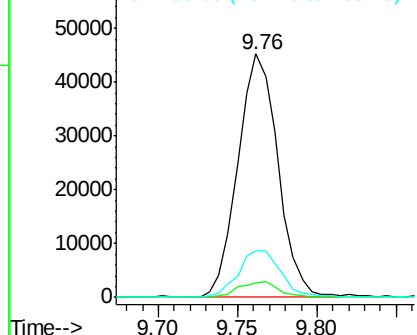
82 100

95 5.7 7.5 11.3#

138 19.2 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 4.85 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

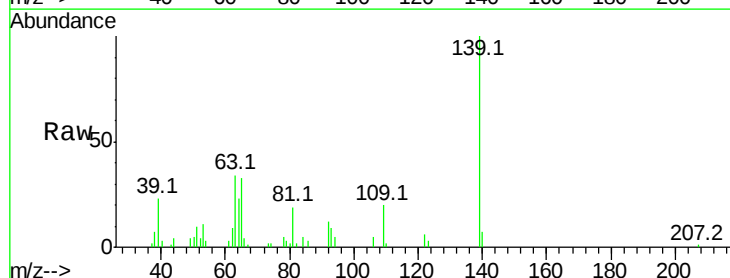
Tgt Ion: 139 Resp: 21732

Ion Ratio Lower Upper

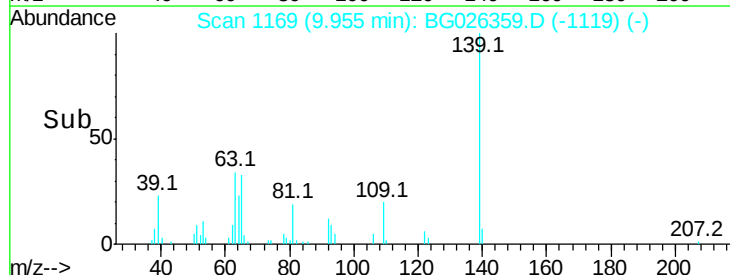
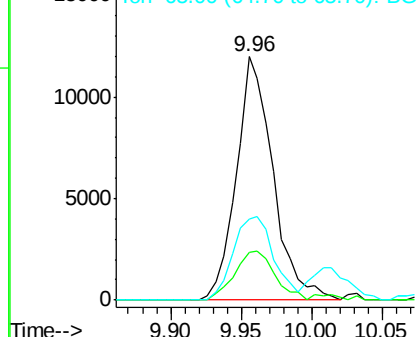
139 100

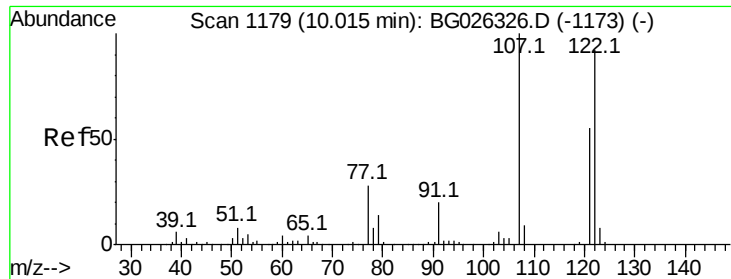
109 19.8 38.6 58.0#

65 33.3 57.1 85.7#



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





#27

2,4-Dimethylphenol

Concen: 4.68 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

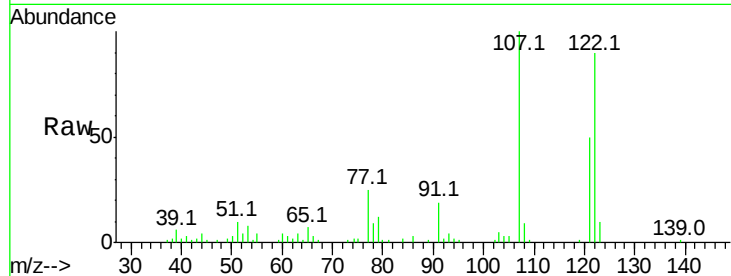
Tot Ion:122 Resp: 34414

Ion Ratio Lower Upper

122 100

107 110.5 104.2 156.4

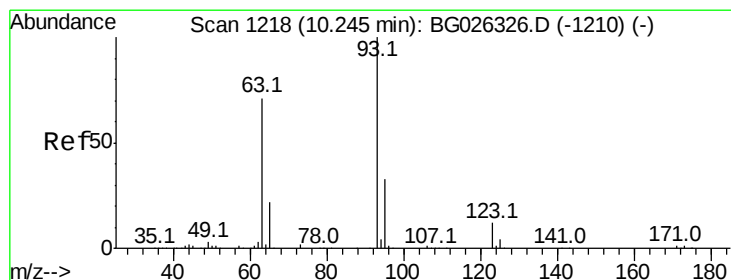
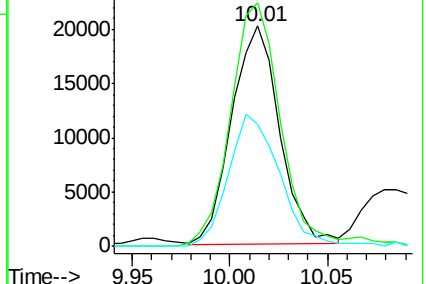
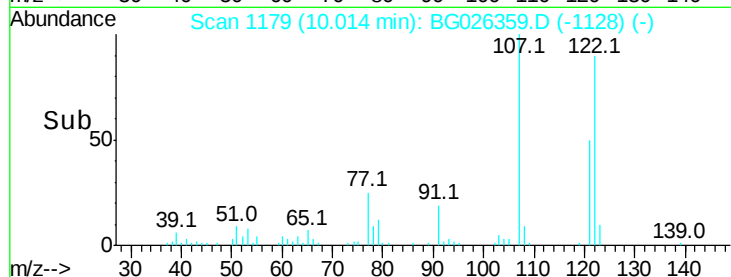
121 55.2 46.0 69.0



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: 4.98 ng

RT: 10.24 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

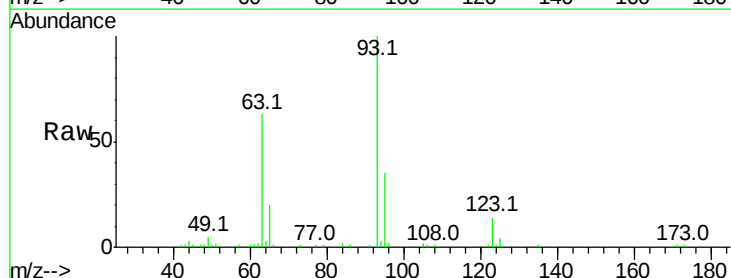
Tgt Ion: 93 Resp: 53151

Ion Ratio Lower Upper

93 100

95 35.4 25.7 38.5

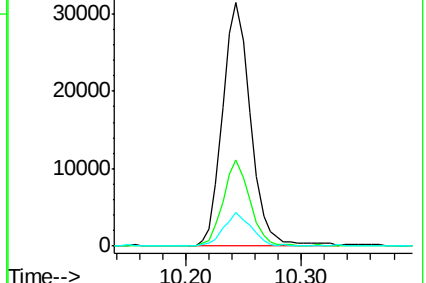
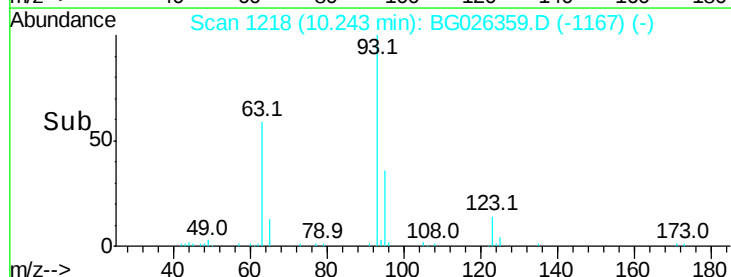
123 13.8 8.3 12.5#

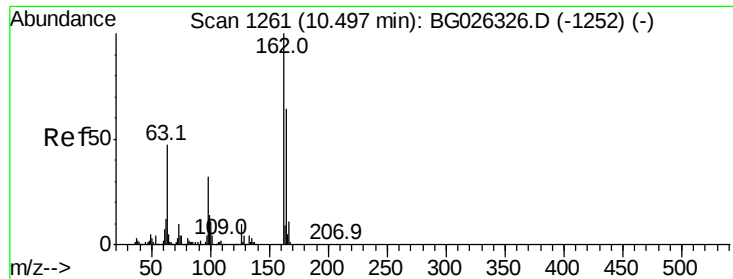


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 5.06 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

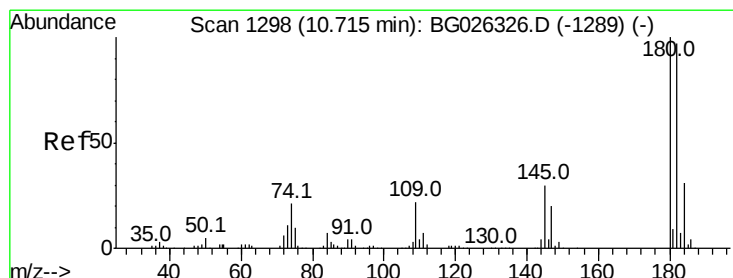
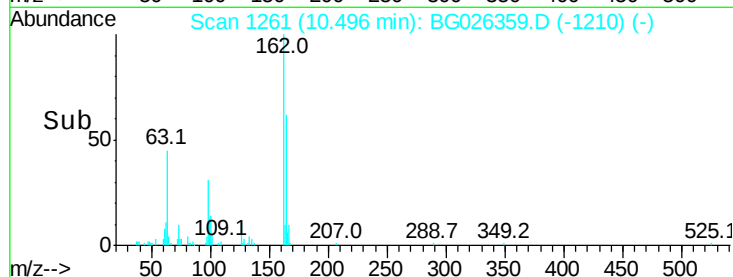
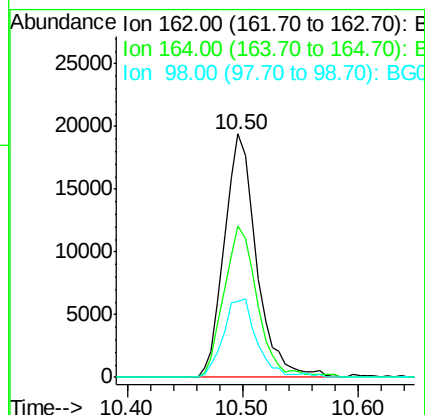
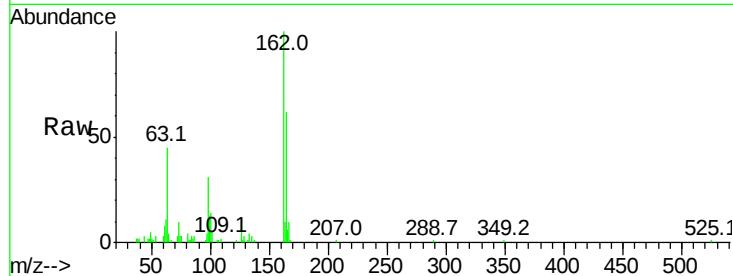
Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:162 Resp: 37633

Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.4	82.4
98	31.0	20.3	60.3



#30

1,2,4-Trichlorobenzene

Concen: 5.53 ng

RT: 10.71 min Scan# 1297

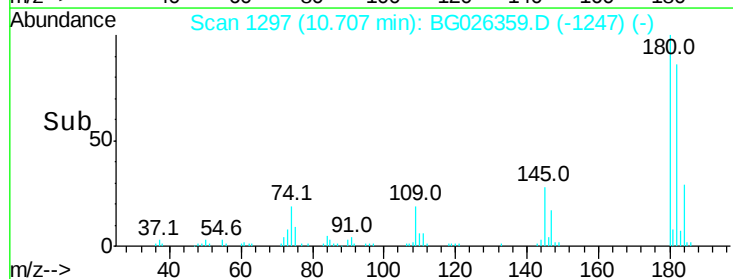
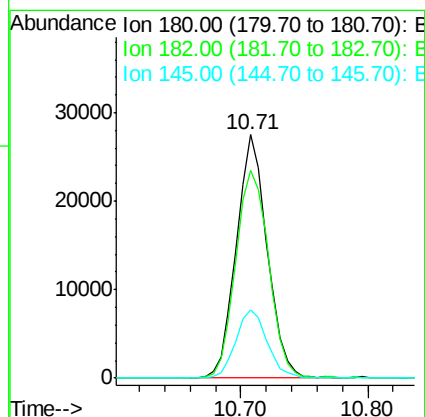
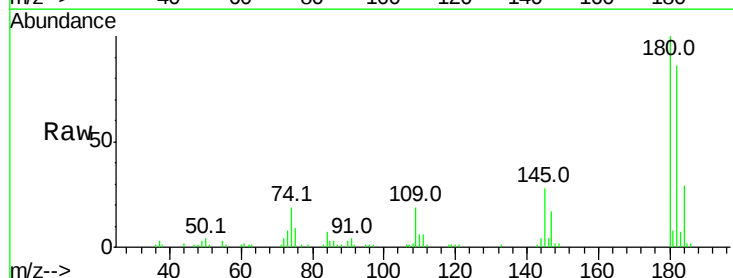
Delta R.T. -0.01 min

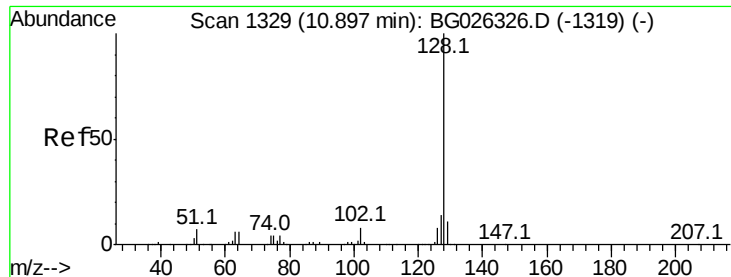
Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Tgt Ion:180 Resp: 46242

Ion	Ratio	Lower	Upper
180	100		
182	85.5	77.0	115.4
145	28.2	23.4	35.0

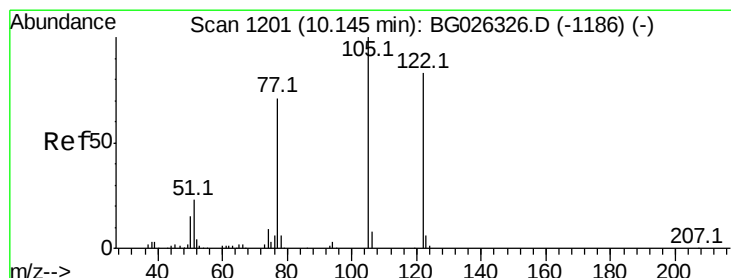
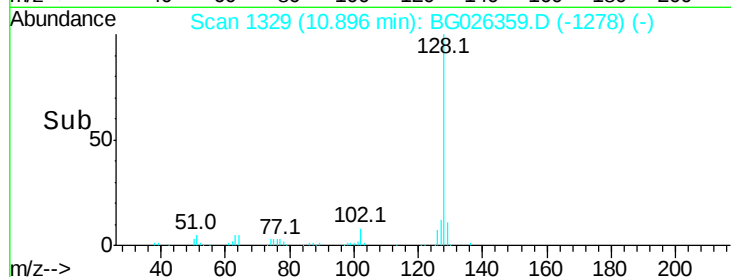
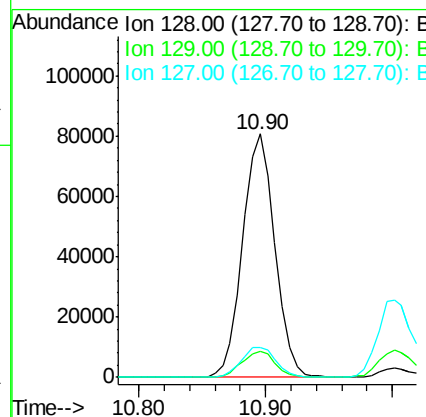
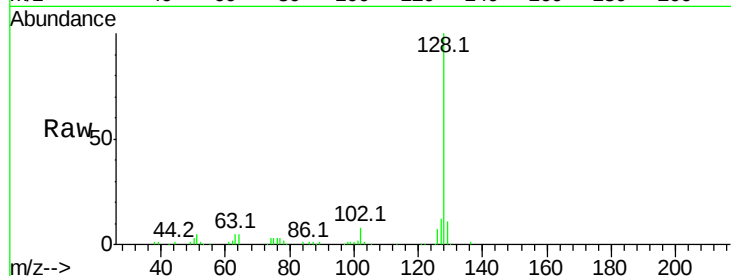




#31
Naphthalene
Concen: 5.36 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

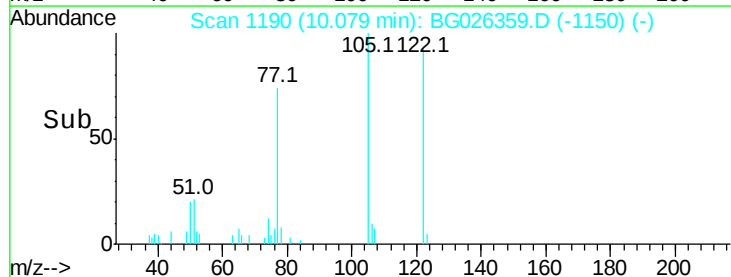
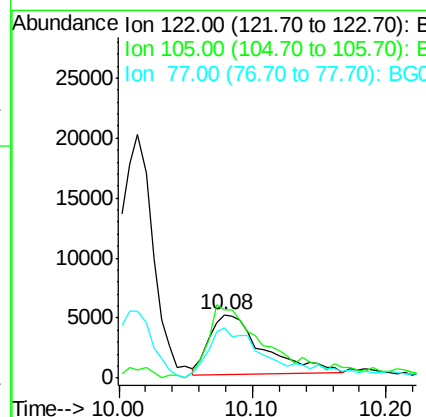
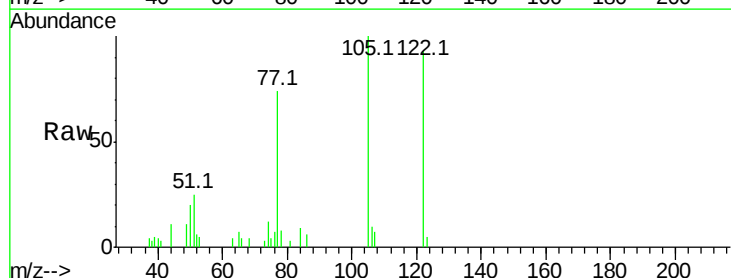
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

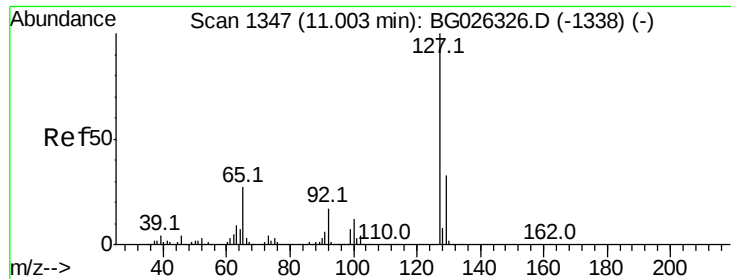
Tot Ion:128 Resp: 142115
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.4 11.4 17.0



#32
Benzoic acid
Concen: 2.47 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.07 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:122 Resp: 13990
Ion Ratio Lower Upper
122 100
105 107.3 120.1 160.1#
77 79.6 104.6 144.6#

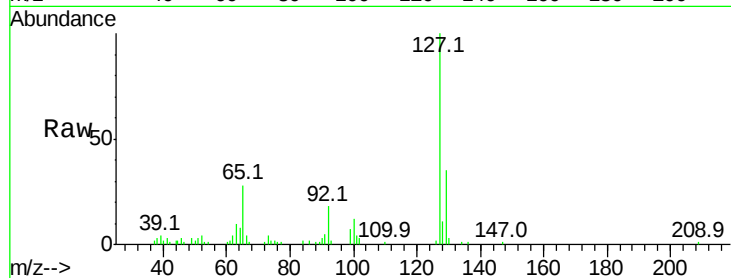




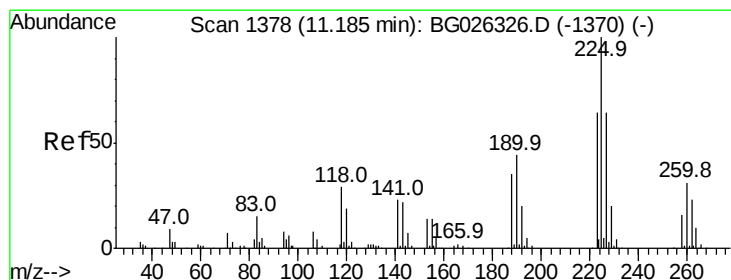
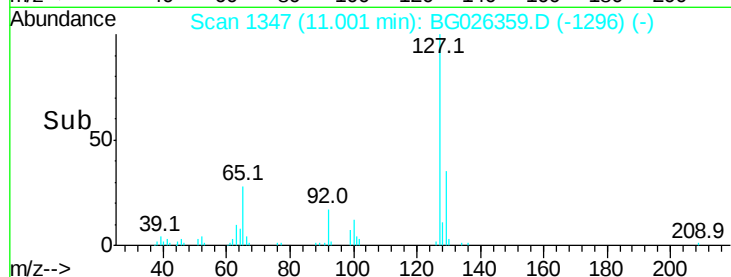
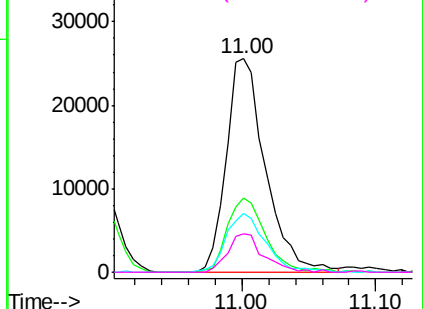
#33
4-Chloroaniline
Concen: 4.85 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:	127	Resp:	52262
Ion	Ratio	Lower	Upper
127	100		
129	34.8	23.6	35.4
65	27.6	37.7	56.5#
92	18.1	17.6	26.4

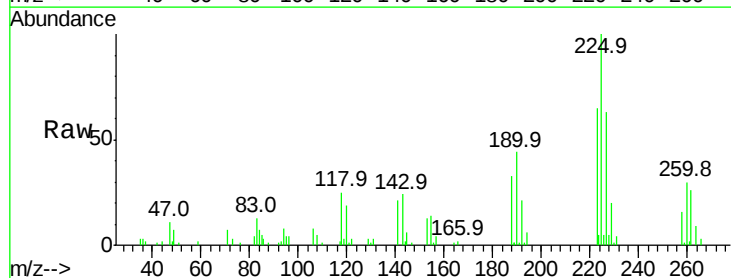


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

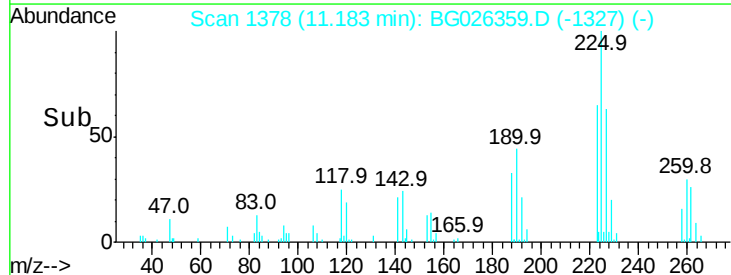
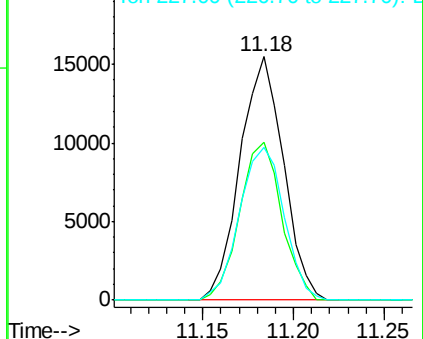


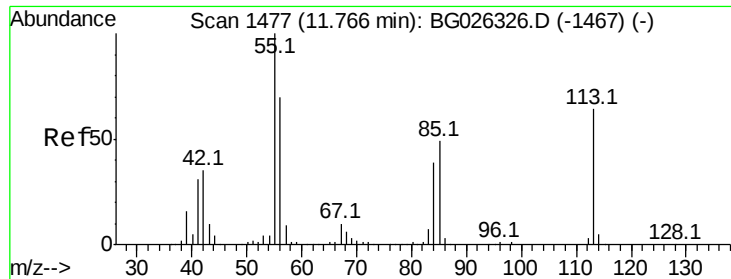
#34
Hexachlorobutadiene
Concen: 5.22 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:	225	Resp:	25745
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.7	76.1
227	62.9	49.0	73.6



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

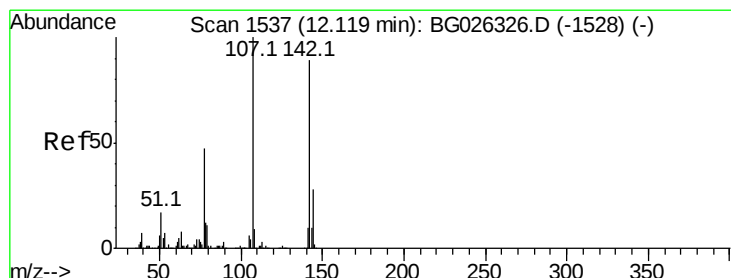
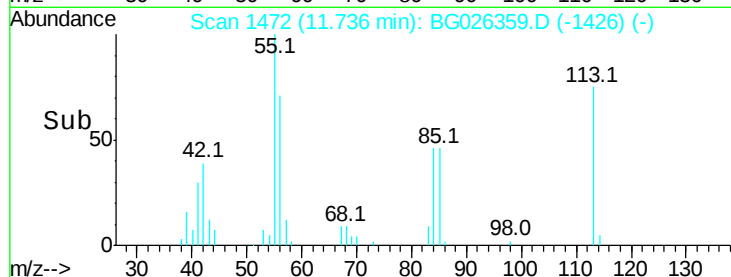
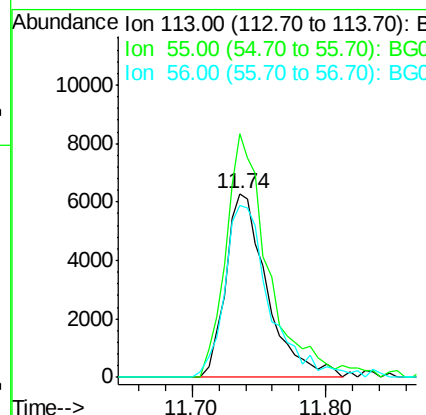
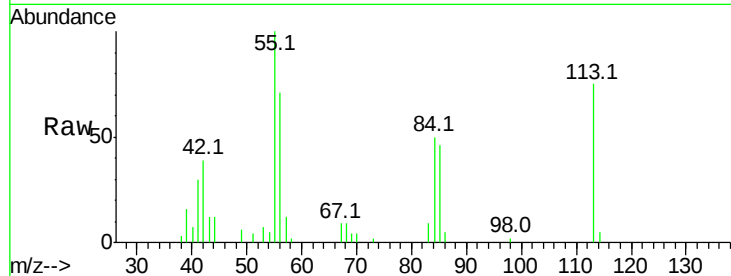




#35
 Caprolactam
 Concen: 4.64 ng
 RT: 11.74 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

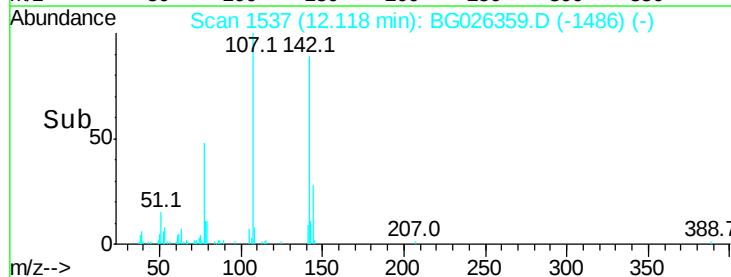
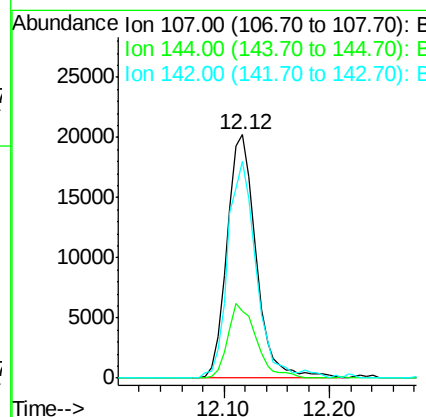
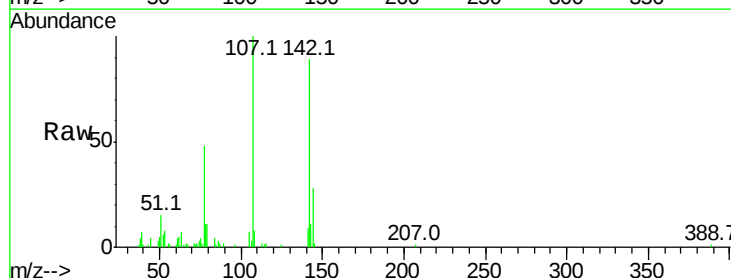
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

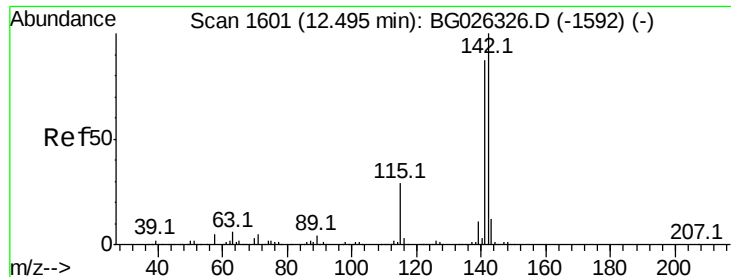
Tot Ion:113 Resp: 13588
 Ion Ratio Lower Upper
 113 100
 55 132.6 198.6 238.6#
 56 93.5 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 4.85 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion:107 Resp: 38560
 Ion Ratio Lower Upper
 107 100
 144 27.5 17.4 26.0#
 142 89.0 54.1 81.1#

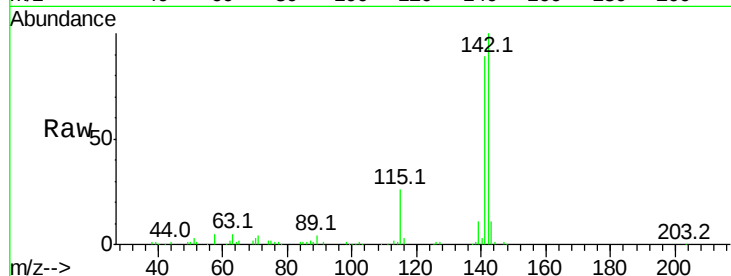




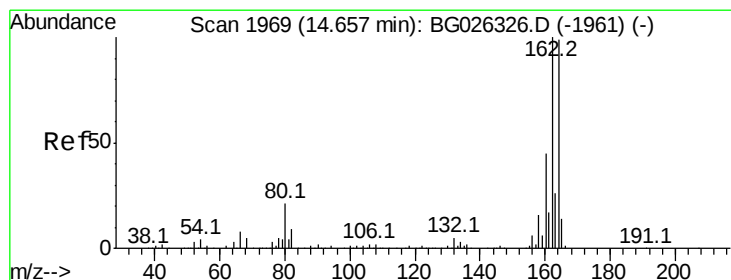
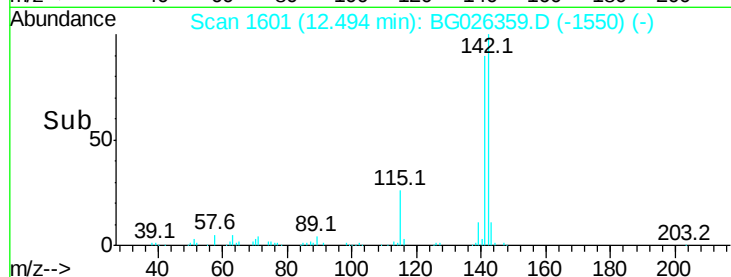
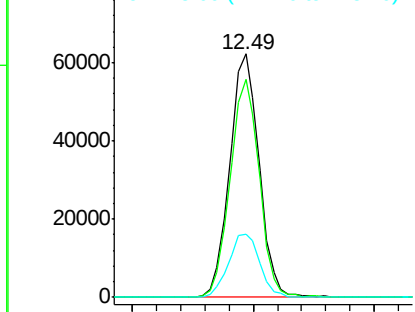
#37
2-Methylnaphthalene
Concen: 5.43 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:142 Resp: 105459
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6
115 25.7 35.5 53.3#

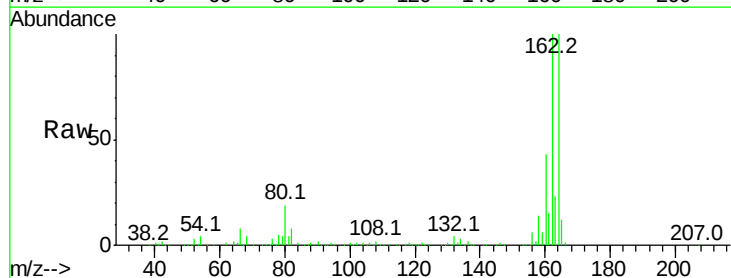


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

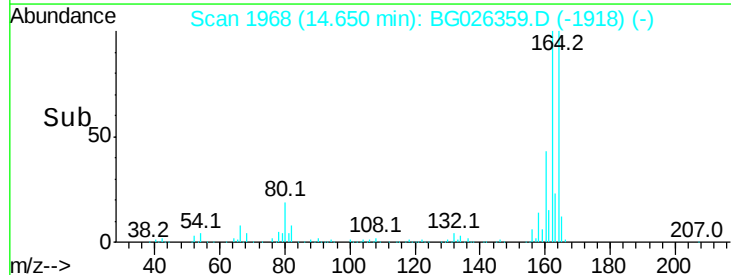
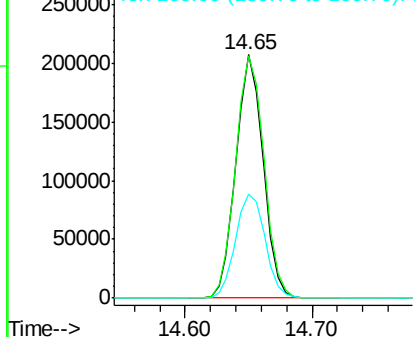


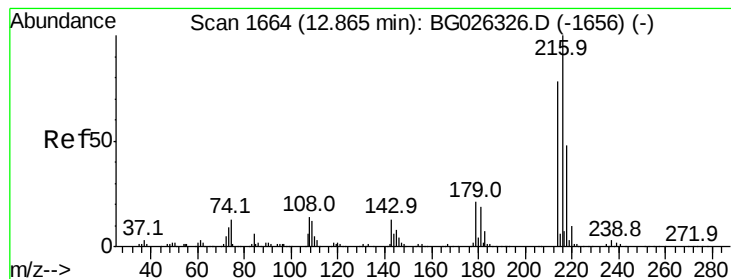
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:164 Resp: 307188
Ion Ratio Lower Upper
164 100
162 99.7 85.1 127.7
160 42.6 34.7 52.1



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: 5.58 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

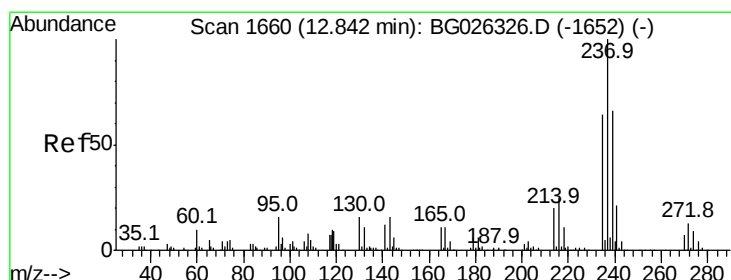
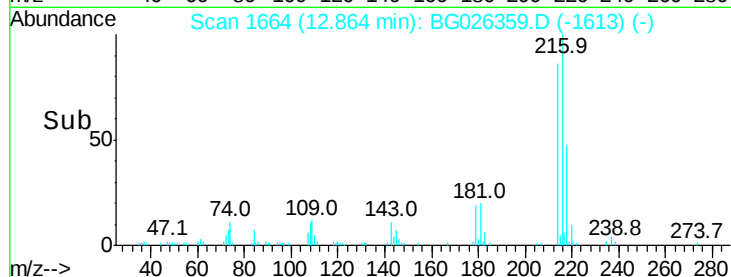
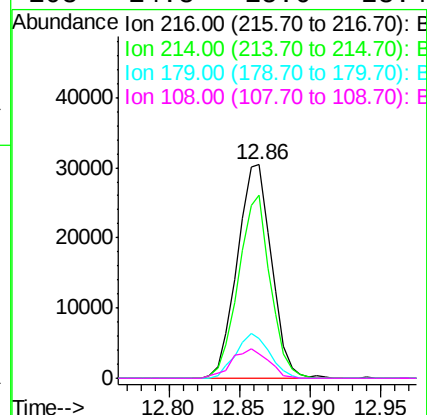
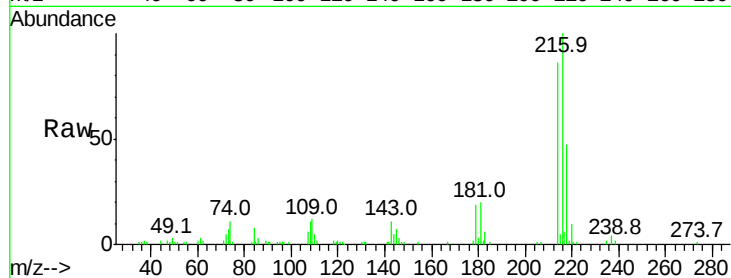
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion:	216	Resp:	51539
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.4	96.6
179	20.7	17.4	26.0
108	14.8	15.6	23.4



#40

Hexachlorocyclopentadiene

Concen: 3.97 ng

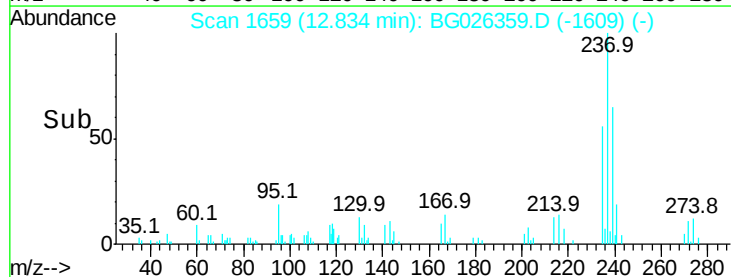
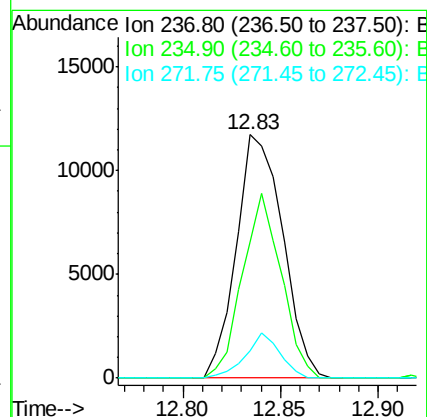
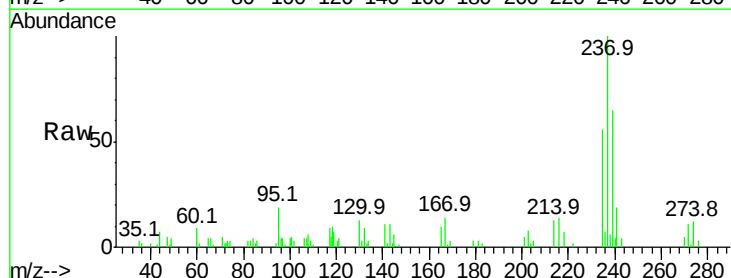
RT: 12.83 min Scan# 1659

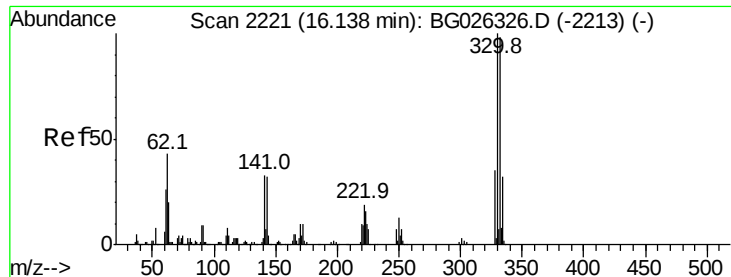
Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Tgt Ion:	237	Resp:	19318
Ion	Ratio	Lower	Upper
237	100		
235	56.1	39.4	79.4
272	11.1	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 146.01 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

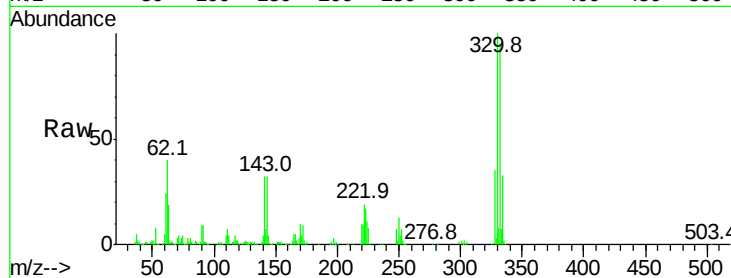
Tot Ion:330 Resp: 513639

Ion Ratio Lower Upper

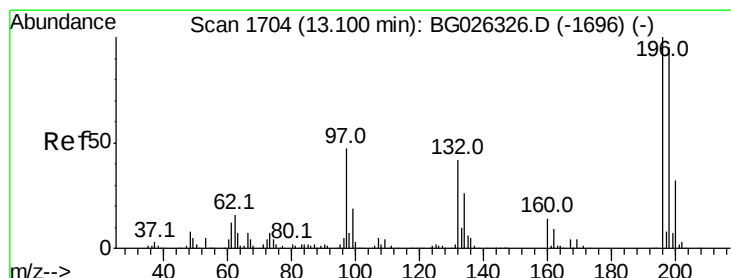
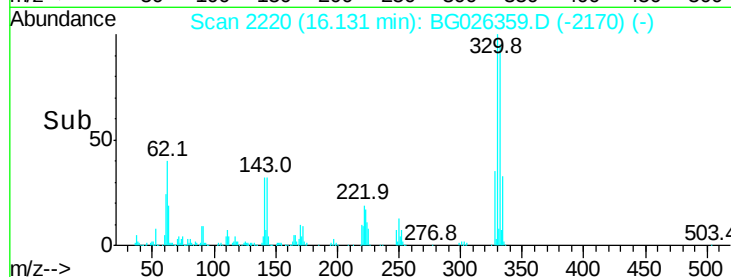
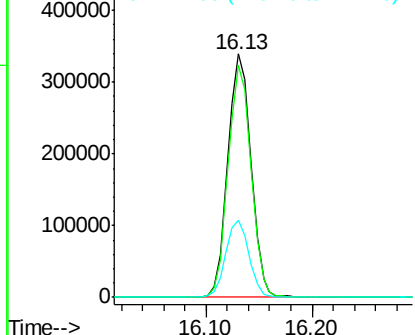
330 100

332 94.6 77.3 115.9

141 31.9 32.1 48.1#



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



#42

2,4,6-Trichlorophenol

Concen: 4.97 ng

RT: 13.09 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

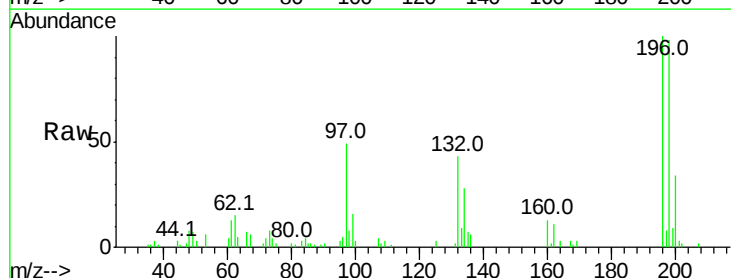
Tgt Ion:196 Resp: 30093

Ion Ratio Lower Upper

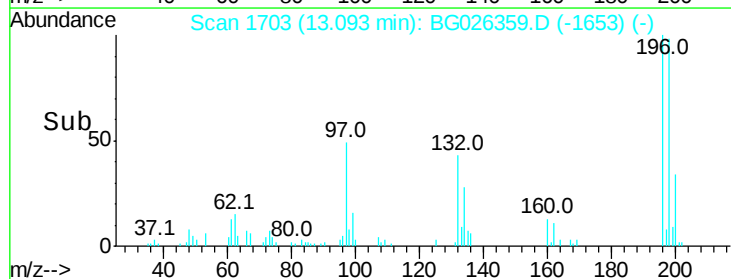
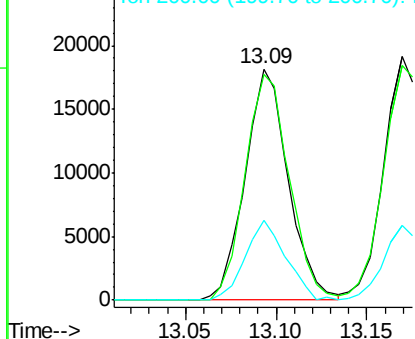
196 100

198 97.8 81.4 122.2

200 34.3 27.0 40.6



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

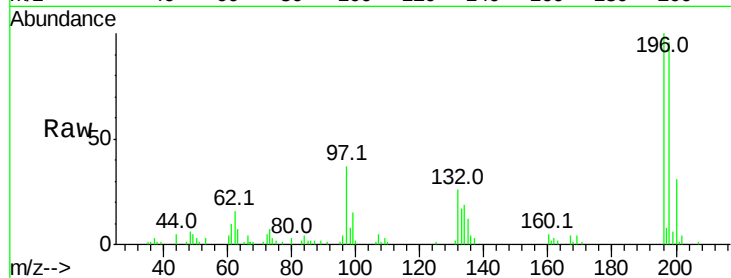




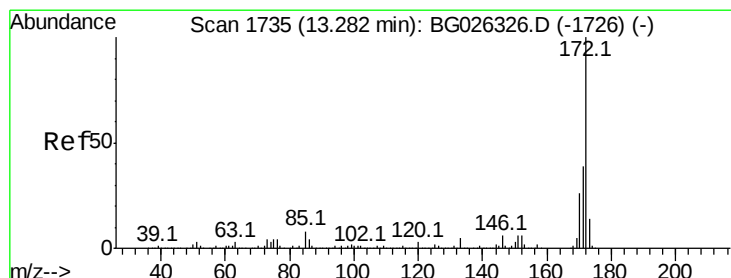
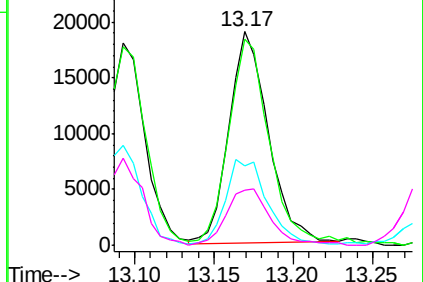
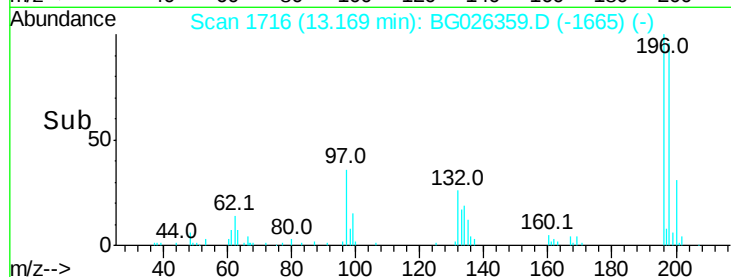
#43
 2,4,5-Trichlorophenol
 Concen: 4.87 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tot Ion:	196	Resp:	32560
Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.9	119.9
97	37.0	45.4	68.0
132	25.8	20.7	31.1

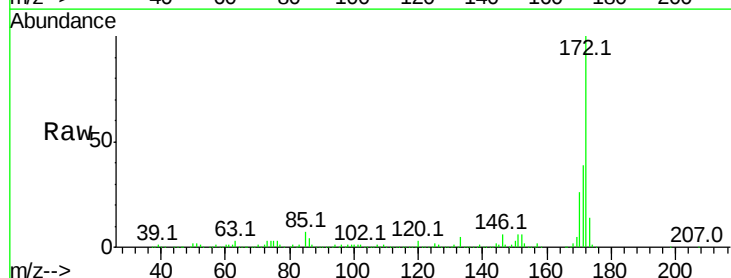


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

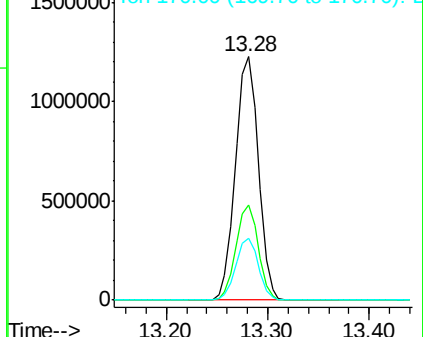
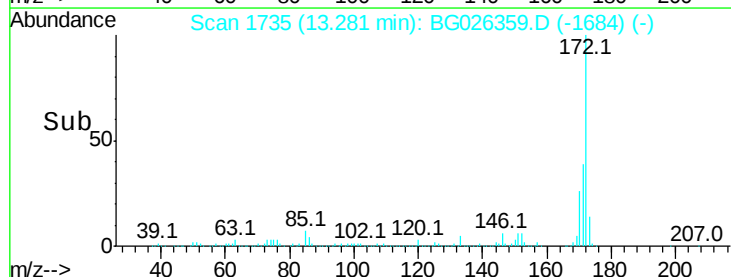


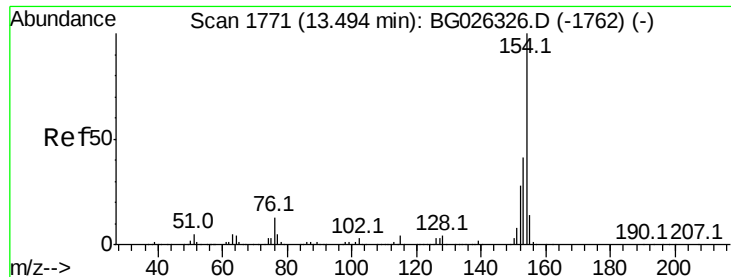
#44
 2-Fluorobiphenyl
 Concen: 88.15 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion:	172	Resp:	1930913
Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.5	21.8	32.6



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





#45

1,1'-Biphenyl

Concen: 5.48 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

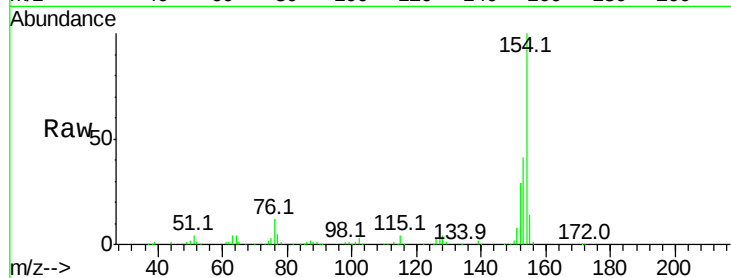
Tot Ion:154 Resp: 139502

Ion Ratio Lower Upper

154 100

153 41.4 23.0 63.0

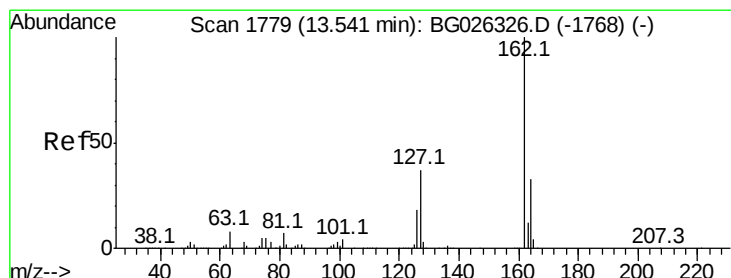
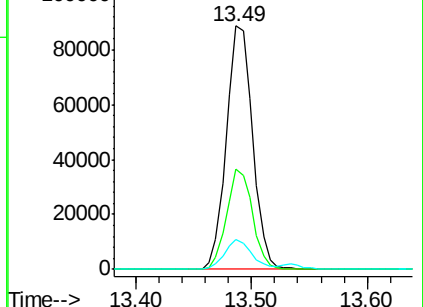
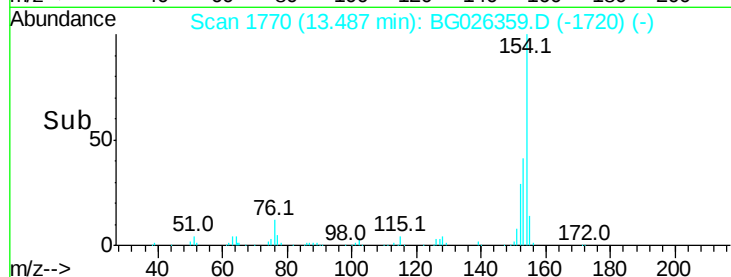
76 12.4 0.0 33.5



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: 5.41 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

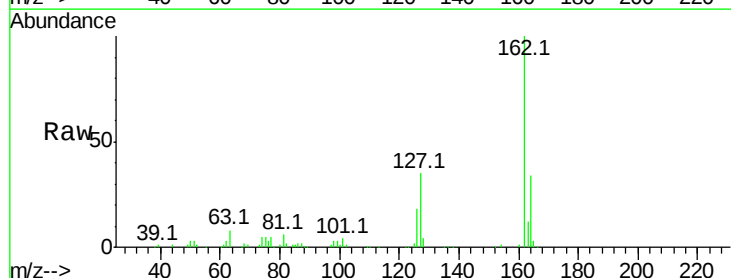
Tgt Ion:162 Resp: 100467

Ion Ratio Lower Upper

162 100

127 34.5 32.2 48.4

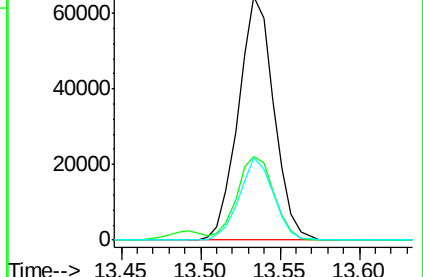
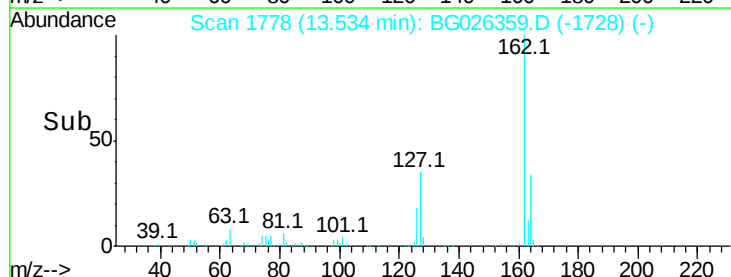
164 33.9 27.3 40.9

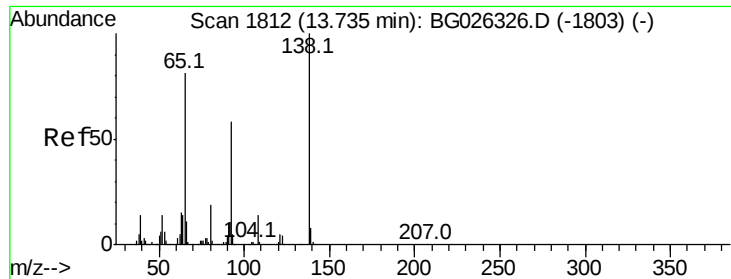


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 4.18 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

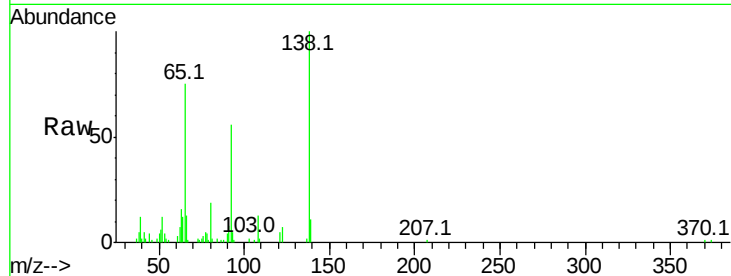
Tot Ion: 65 Resp: 22093

Ion Ratio Lower Upper

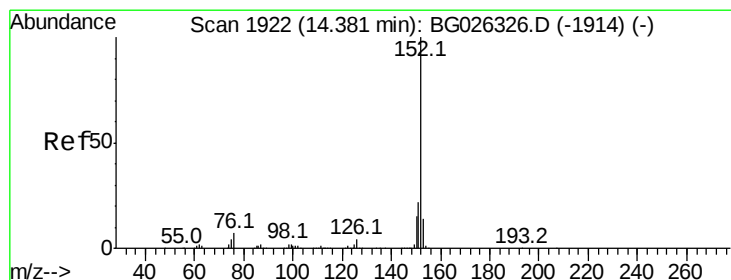
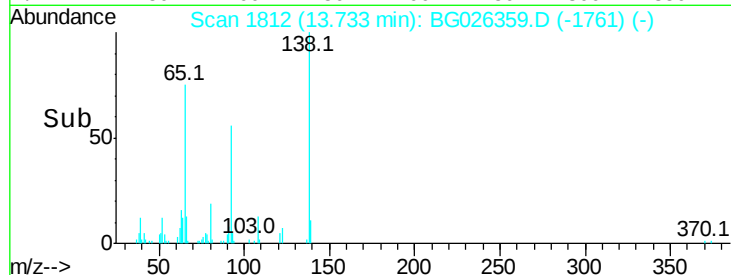
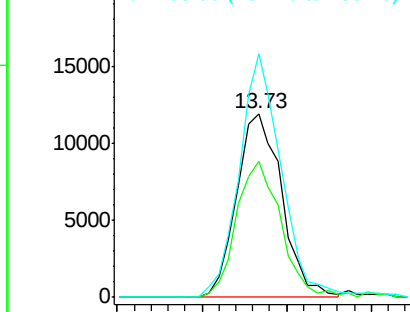
65 100

92 74.2 49.0 73.4#

138 132.6 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 5.44 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

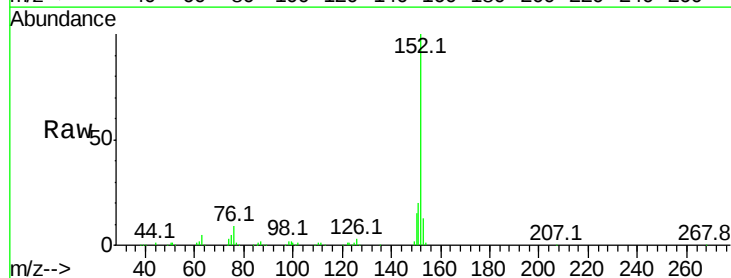
Tgt Ion: 152 Resp: 176224

Ion Ratio Lower Upper

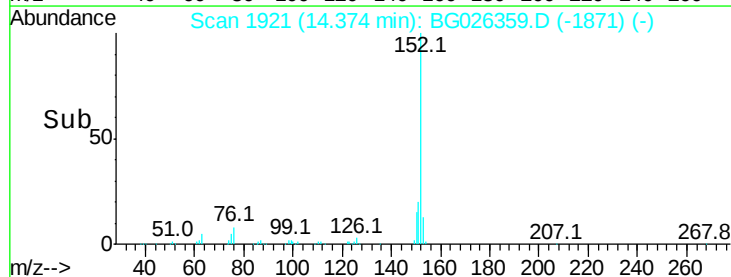
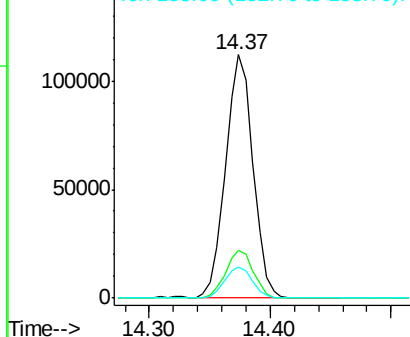
152 100

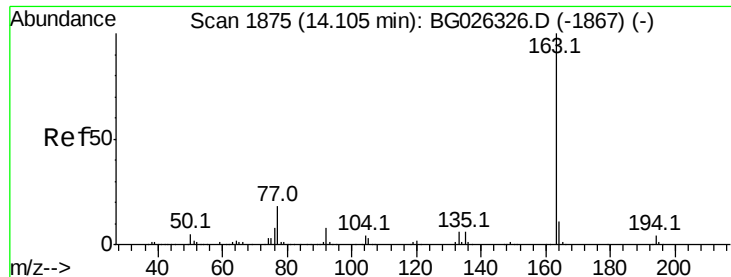
151 19.8 18.2 27.2

153 13.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 5.35 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

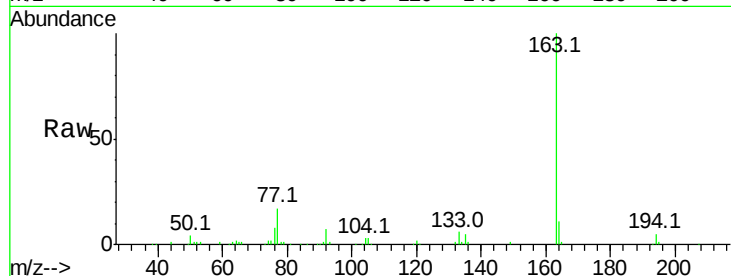
Tot Ion:163 Resp: 124084

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

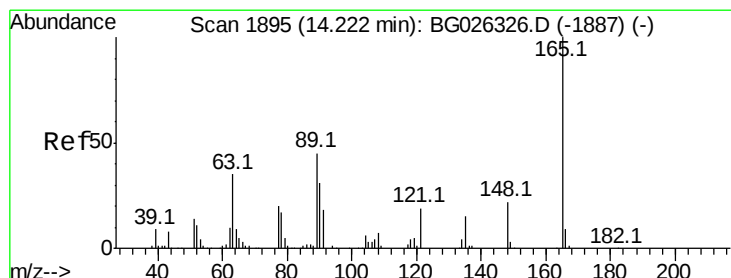
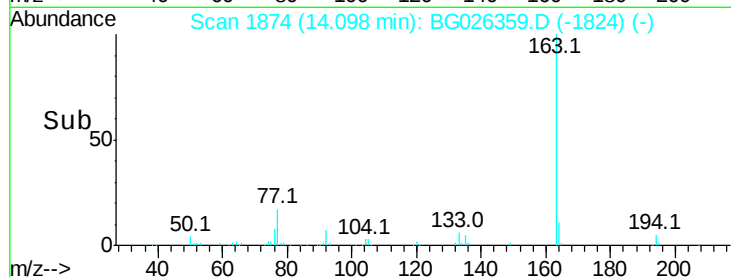
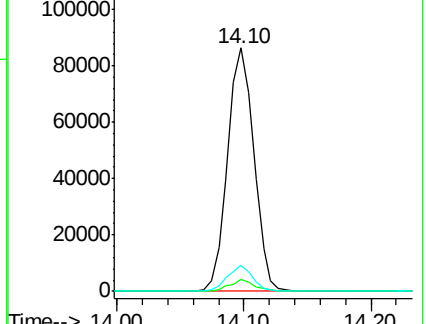
164 10.5 9.3 13.9



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: 4.81 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

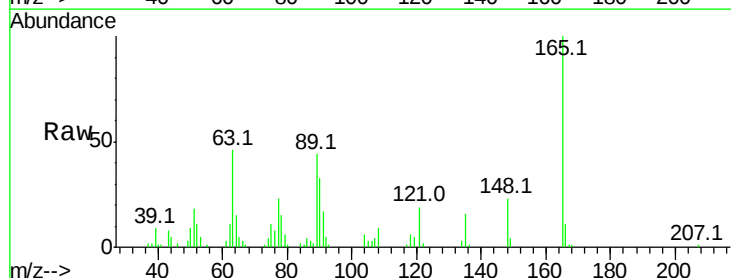
Tgt Ion:165 Resp: 26038

Ion Ratio Lower Upper

165 100

63 45.9 63.9 95.9#

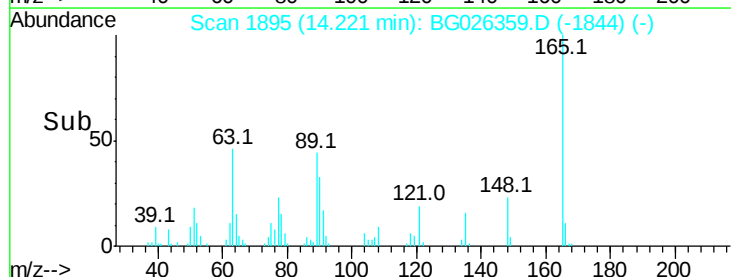
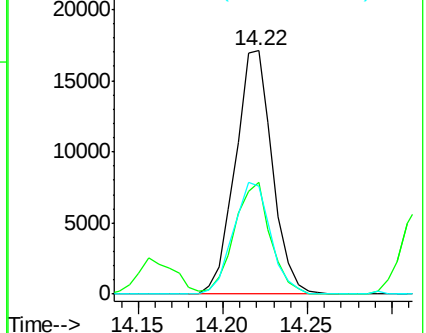
89 44.3 58.6 88.0#

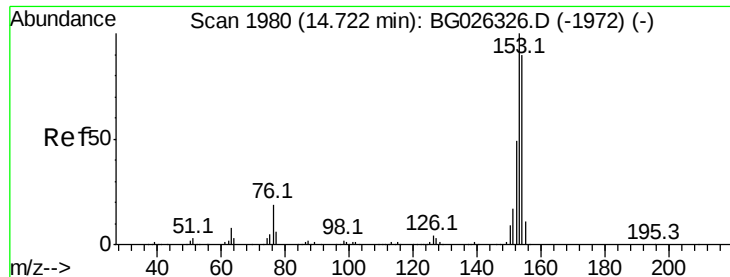


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 5.33 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

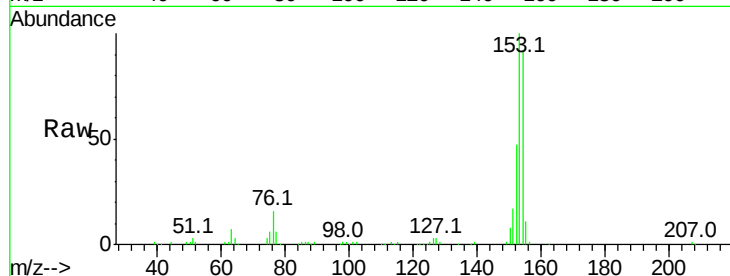
Tot Ion:154 Resp: 106412

Ion Ratio Lower Upper

154 100

153 108.2 87.8 131.6

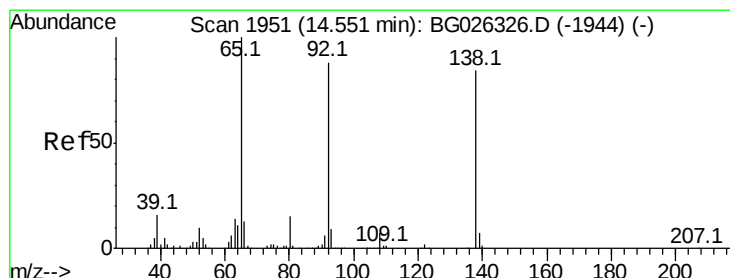
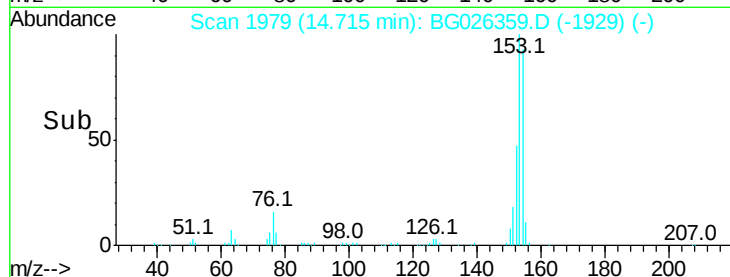
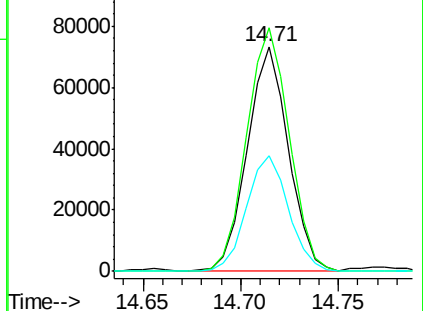
152 51.1 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.54 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

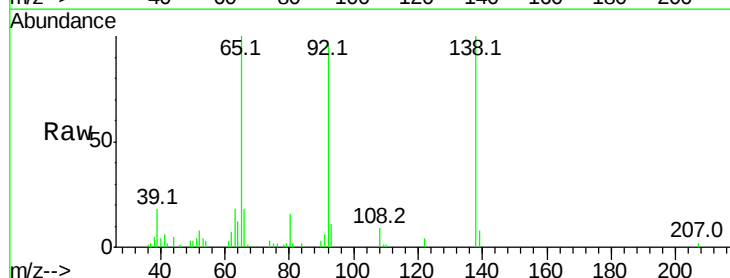
Tgt Ion:138 Resp: 27055

Ion Ratio Lower Upper

138 100

108 8.9 10.9 16.3#

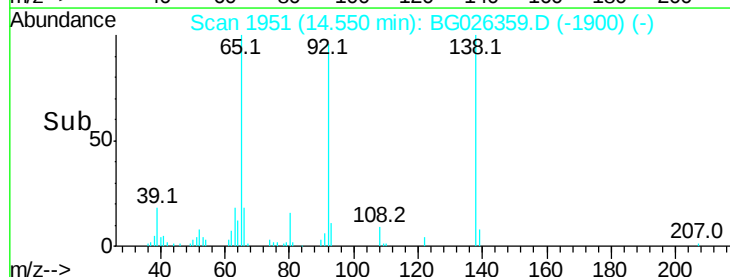
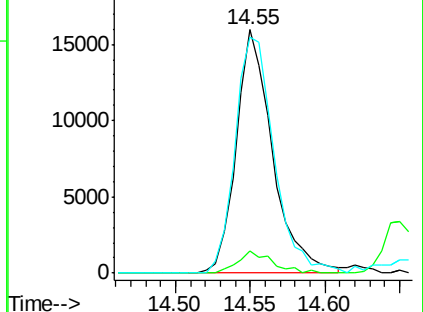
92 96.9 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 1.69 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

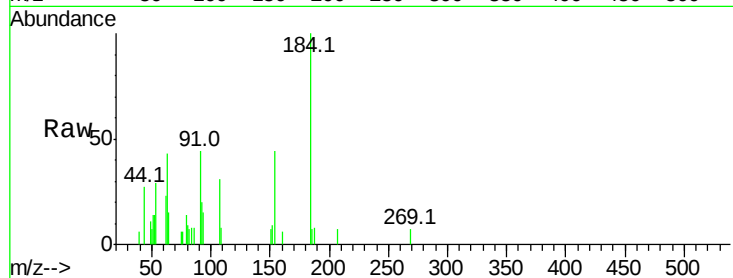
Tot Ion:184 Resp: 5298

Ion Ratio Lower Upper

184 100

63 43.0 52.7 79.1#

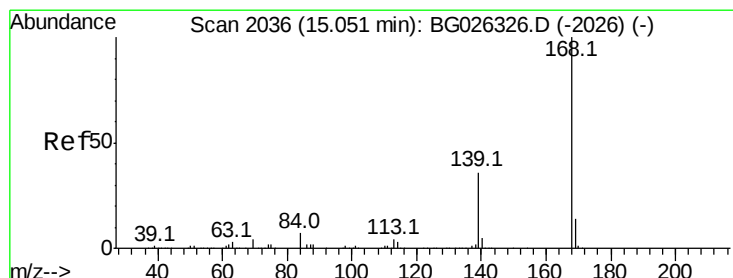
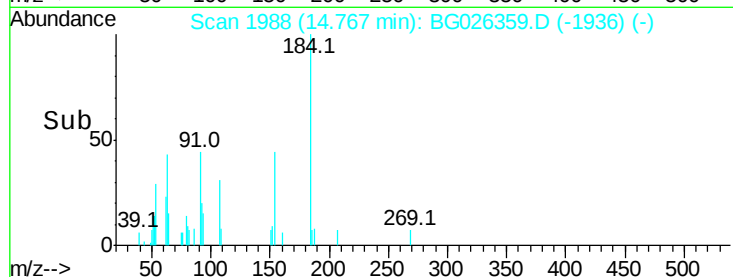
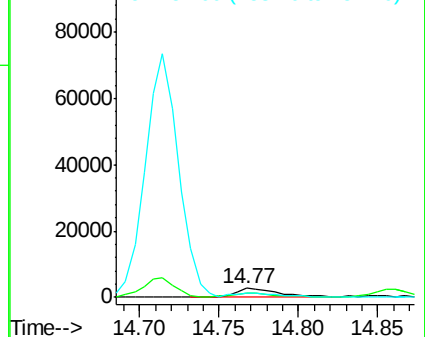
154 43.8 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 5.61 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

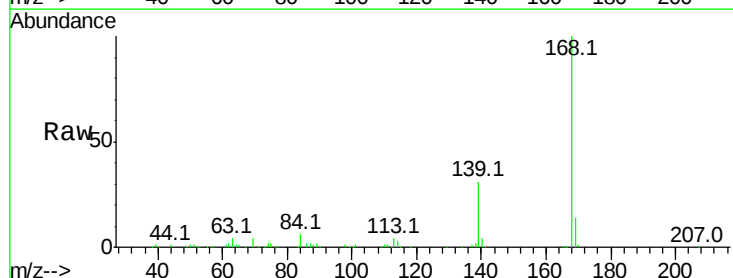
Tgt Ion:168 Resp: 157644

Ion Ratio Lower Upper

168 100

139 31.1 35.3 52.9#

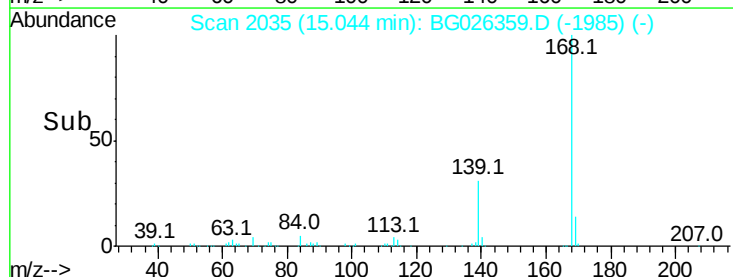
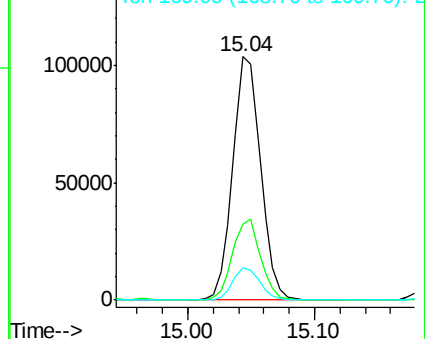
169 13.5 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

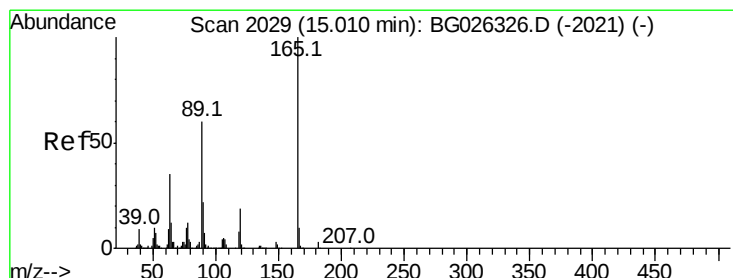
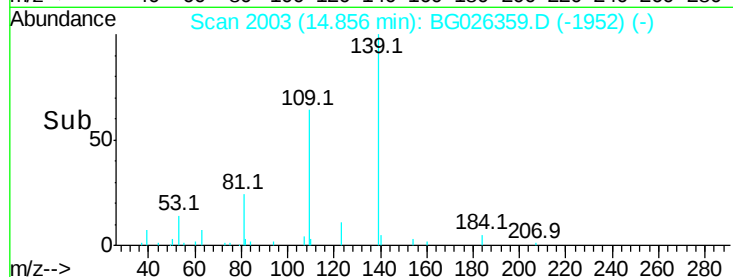
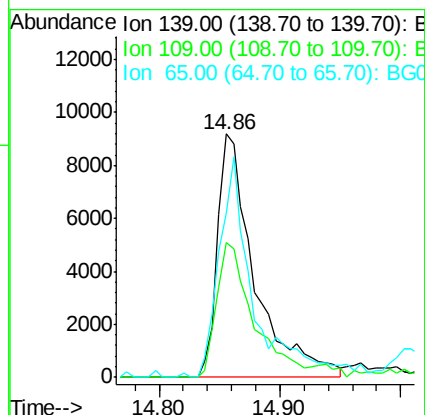
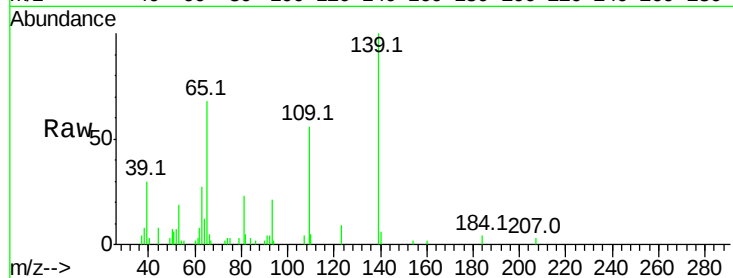




#55
4-Nitrophenol
Concen: 3.99 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

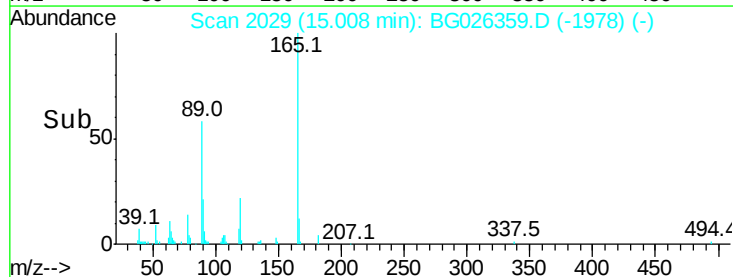
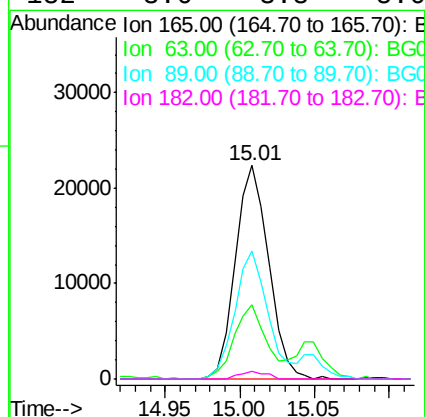
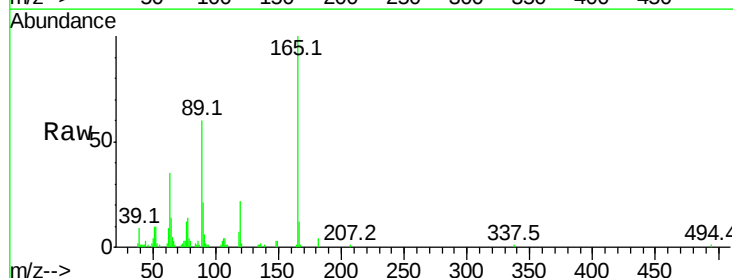
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

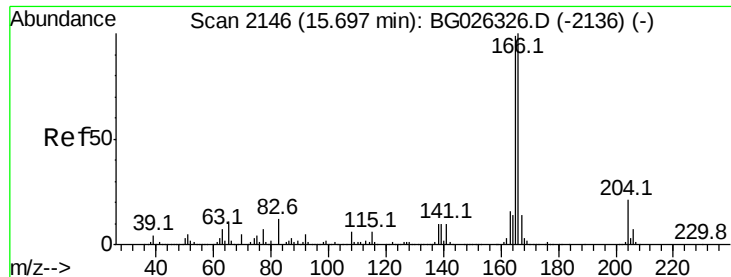
Tot Ion:139 Resp: 19470
Ion Ratio Lower Upper
139 100
109 55.6 101.2 141.2#
65 67.7 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 4.55 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:165 Resp: 34660
Ion Ratio Lower Upper
165 100
63 34.9 44.0 66.0#
89 59.7 67.3 100.9#
182 3.6 3.8 5.6#

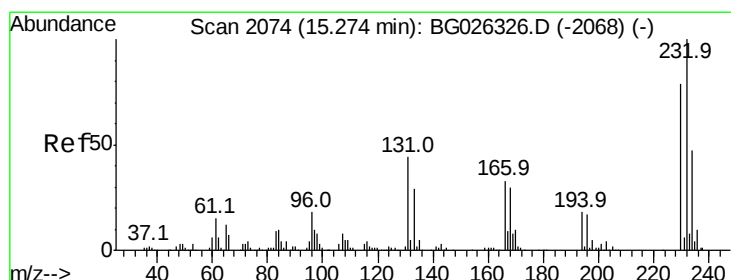
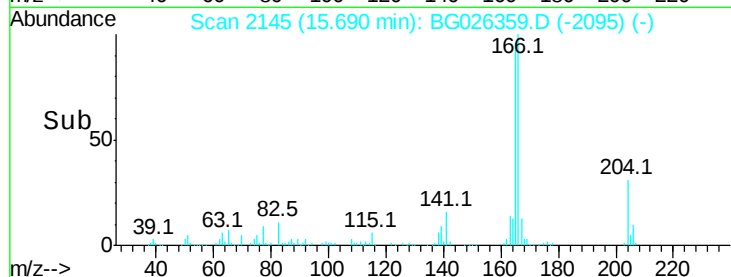
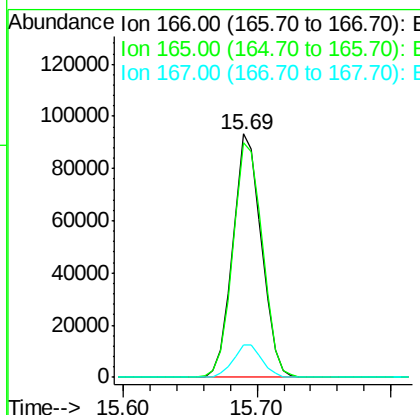
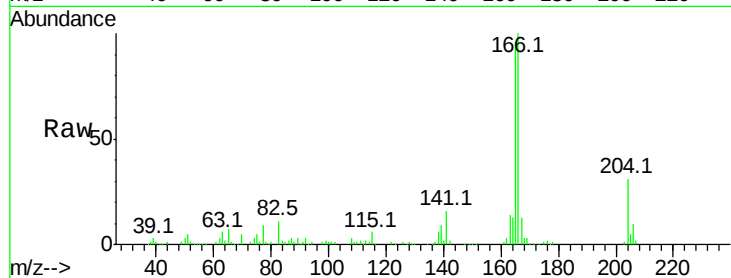




#57
 Fluorene
 Concen: 5.56 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

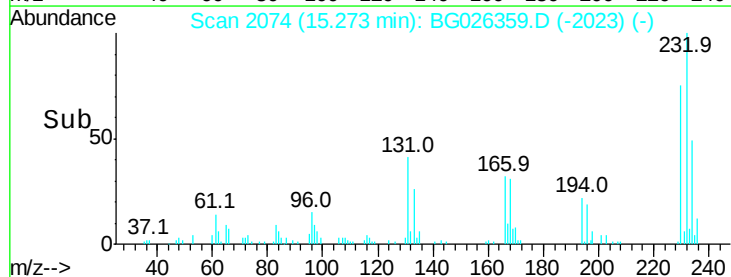
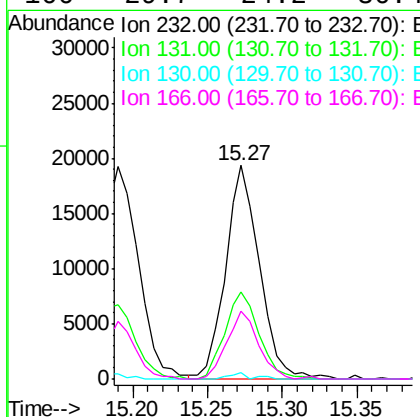
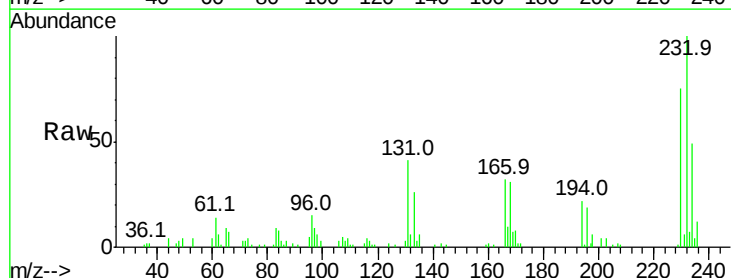
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

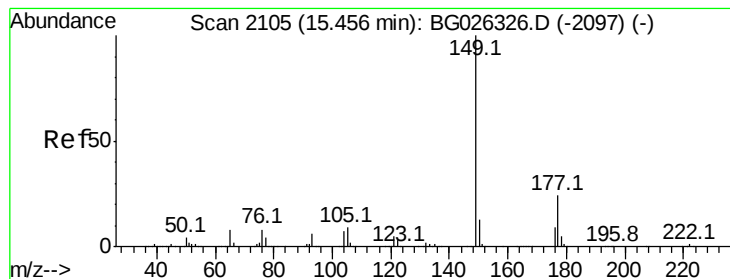
Tot Ion:166 Resp: 139064
 Ion Ratio Lower Upper
 166 100
 165 96.3 78.6 117.8
 167 13.5 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.28 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion:232 Resp: 30821
 Ion Ratio Lower Upper
 232 100
 131 41.0 34.9 52.3
 130 1.7 2.3 3.5#
 166 29.7 24.2 36.4





#59

Diethylphthalate

Concen: 5.14 ng

RT: 15.45 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

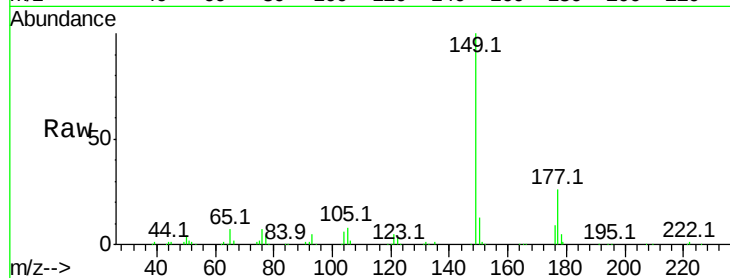
Tot Ion:149 Resp: 121914

Ion Ratio Lower Upper

149 100

177 26.3 20.1 30.1

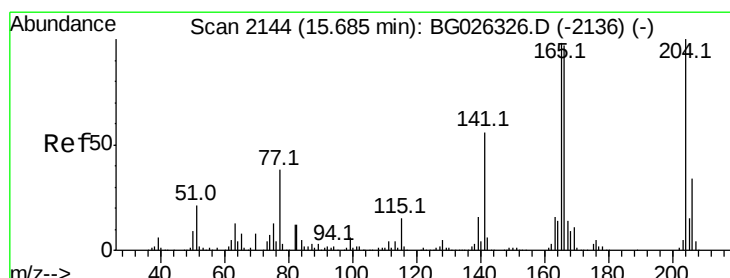
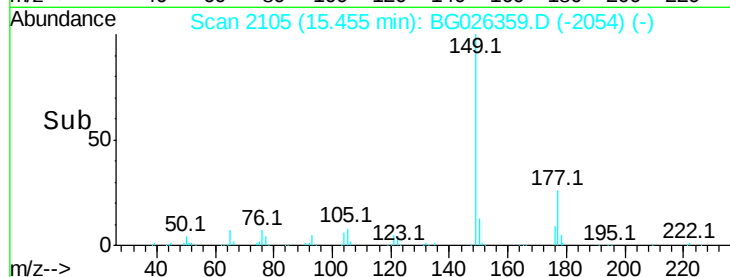
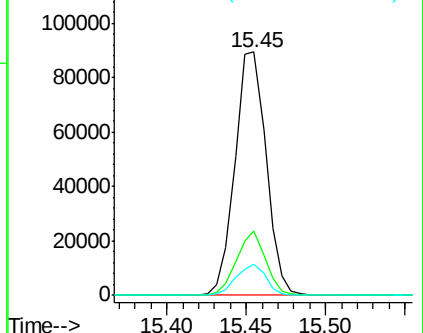
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 5.33 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

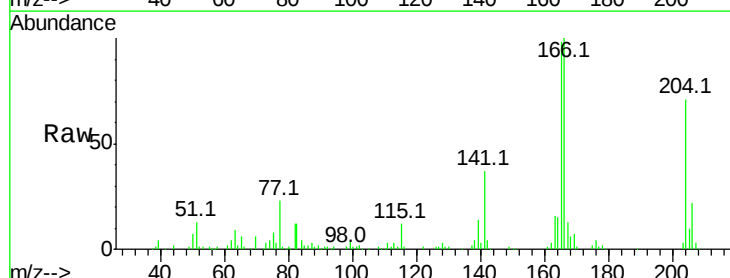
Tgt Ion:204 Resp: 63160

Ion Ratio Lower Upper

204 100

206 31.3 30.1 45.1

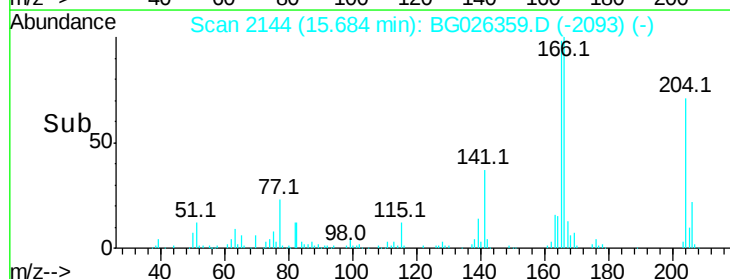
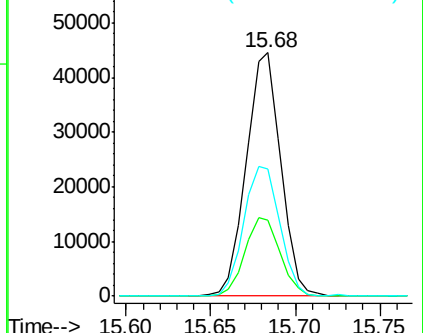
141 52.2 50.6 76.0

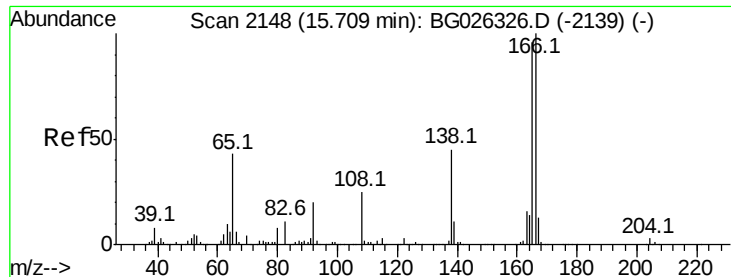


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

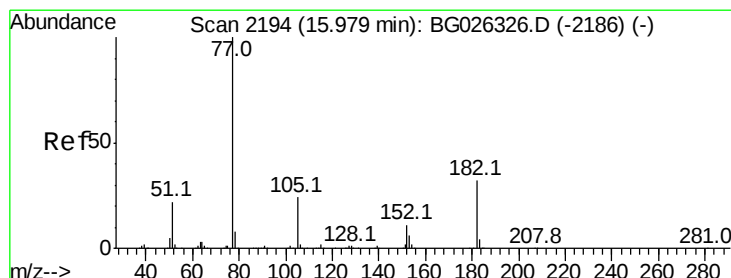
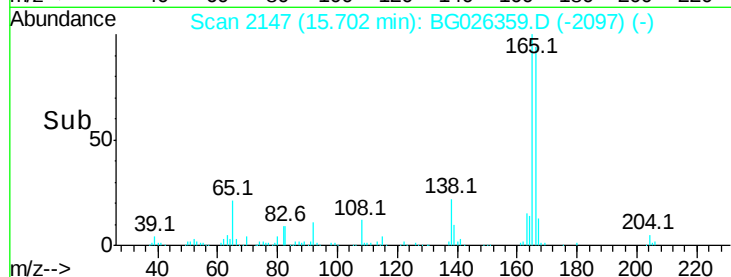
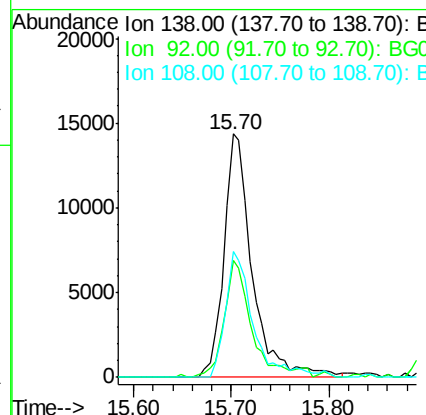
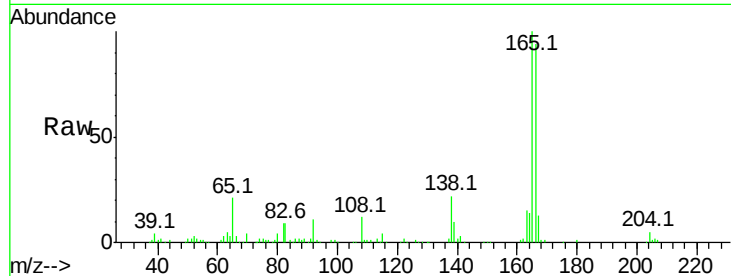




#61
4-Nitroaniline
Concen: 4.58 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

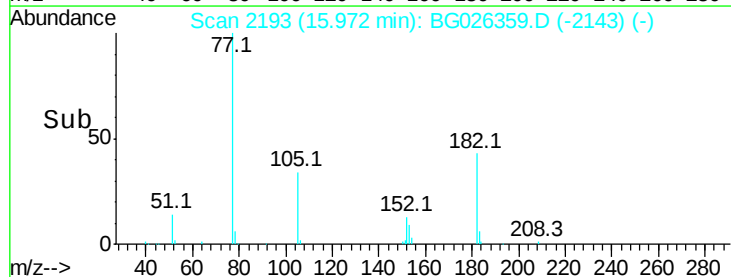
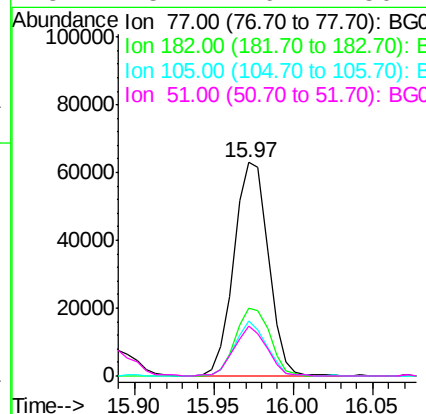
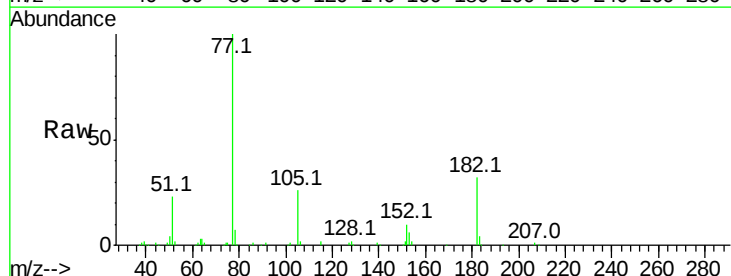
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

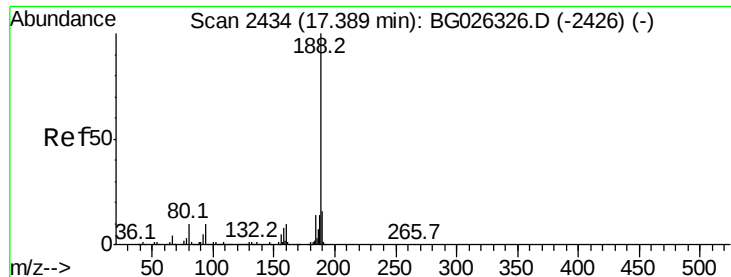
Tot Ion:138 Resp: 28859
Ion Ratio Lower Upper
138 100
92 48.2 44.2 84.2
108 51.9 104.8 144.8#



#62
Azobenzene
Concen: 4.92 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion: 77 Resp: 94852
Ion Ratio Lower Upper
77 100
182 31.9 4.7 44.7
105 25.8 0.0 36.3
51 23.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

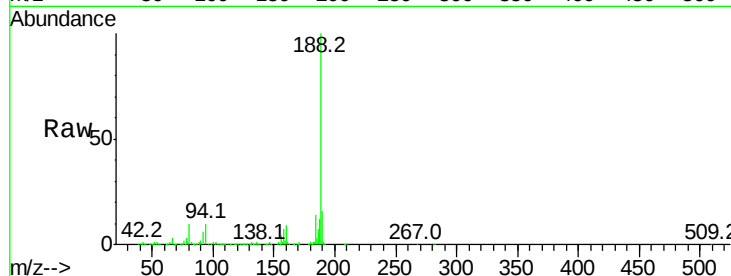
Tot Ion:188 Resp: 729951

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

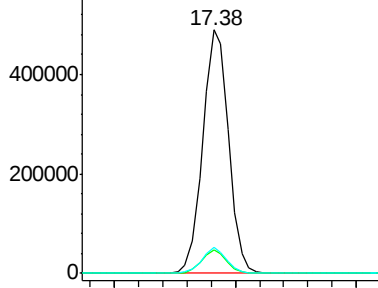
80 10.5 7.5 11.3



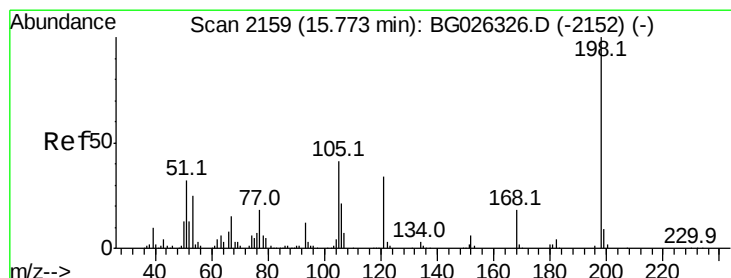
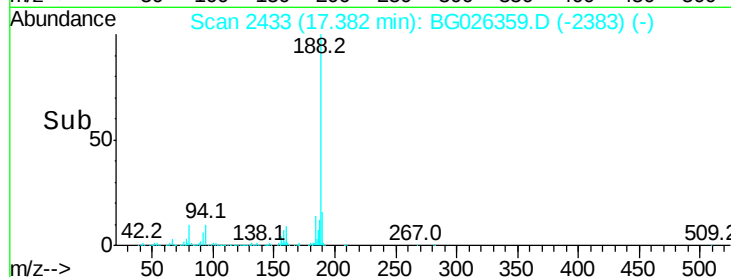
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 3.97 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

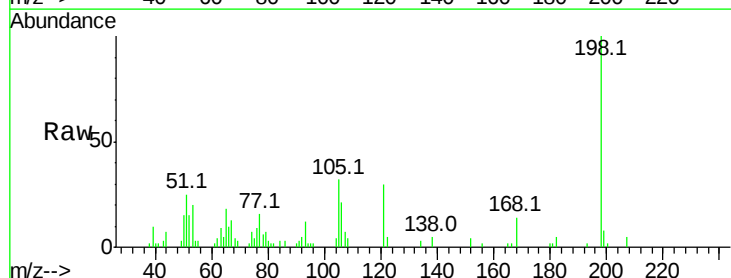
Tgt Ion:198 Resp: 18279

Ion Ratio Lower Upper

198 100

51 25.3 22.6 62.6

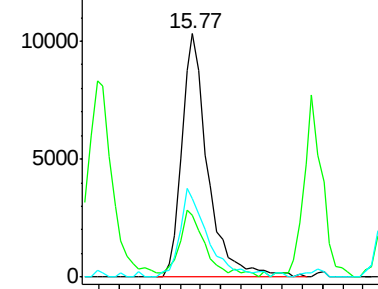
105 32.2 14.4 54.4



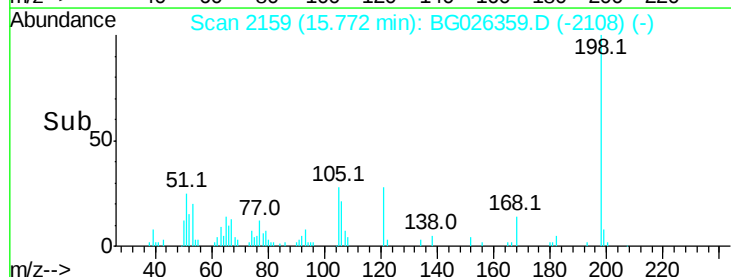
Abundance Ion 198.00 (197.70 to 198.70): E

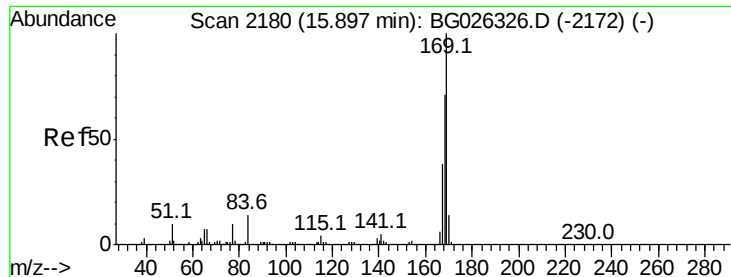
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->

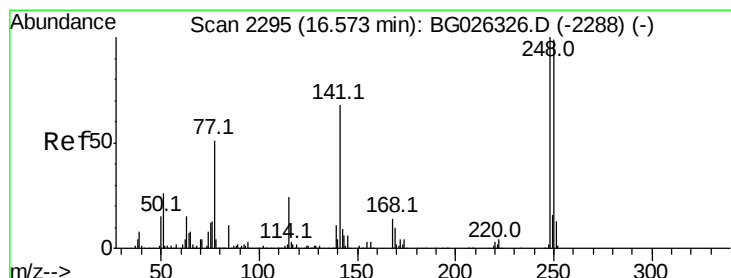
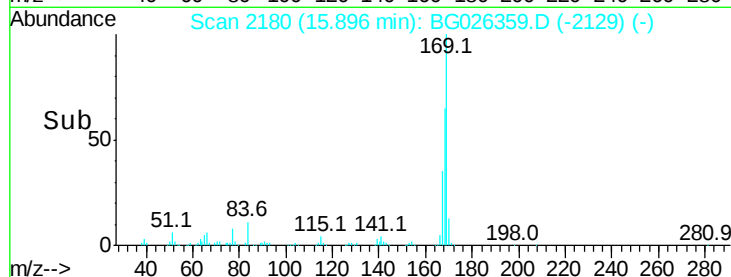
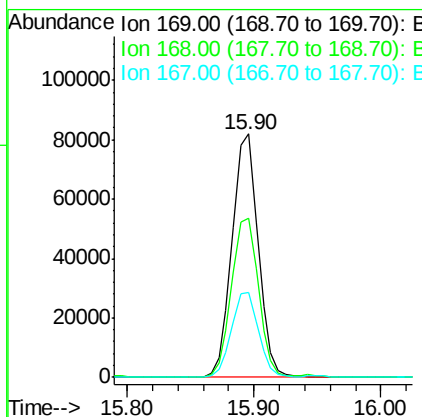
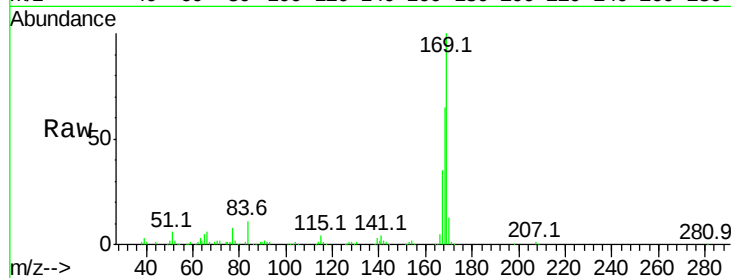




#65
n-Nitrosodiphenylamine
Concen: 5.45 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

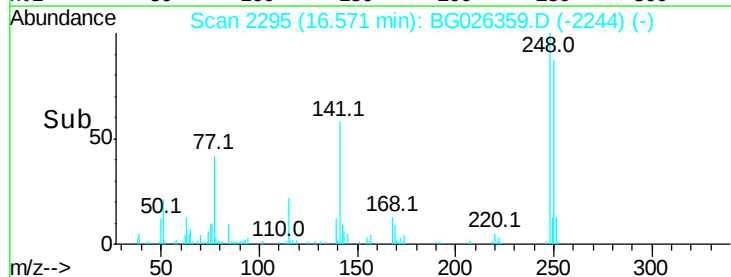
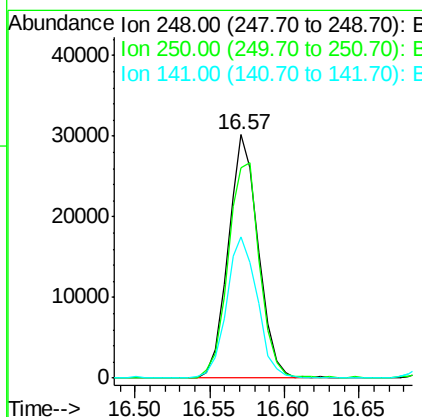
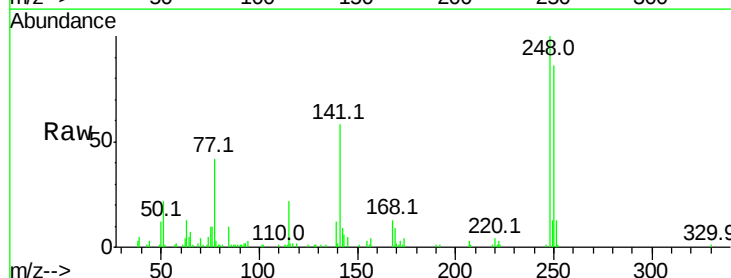
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

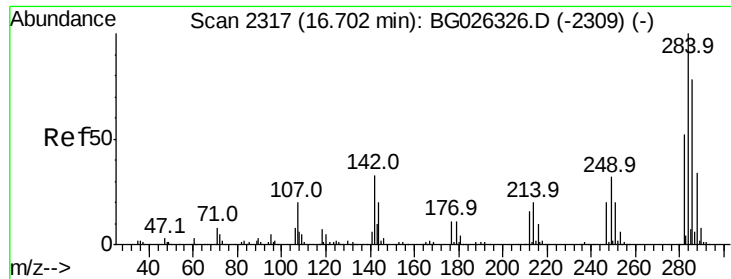
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.3	55.7	83.5
167	34.7	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 5.63 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	86.3	75.0	112.6
141	58.1	55.2	82.8





#67

Hexachlorobenzene

Concen: 5.44 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

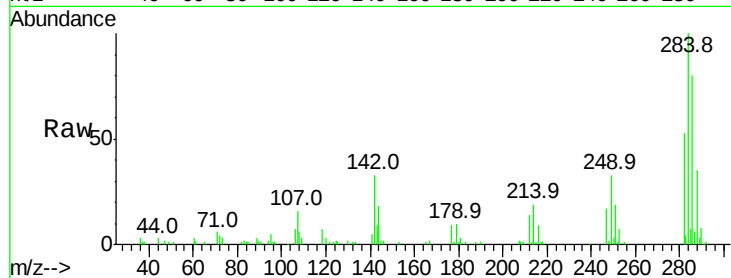
Tot Ion:284 Resp: 43583

Ion Ratio Lower Upper

284 100

142 32.6 29.9 44.9

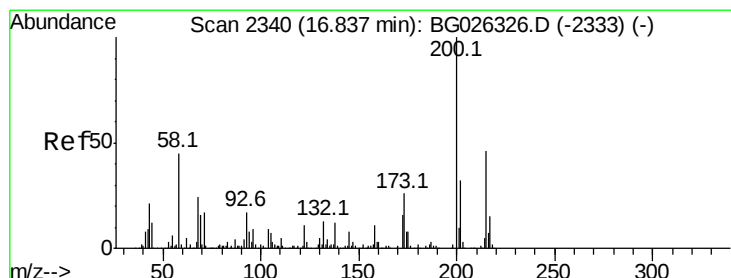
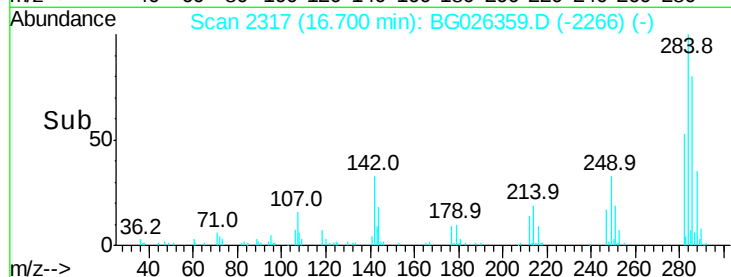
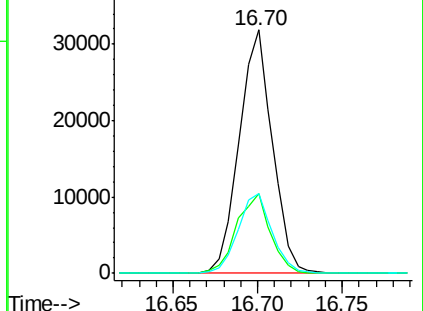
249 32.9 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 5.00 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

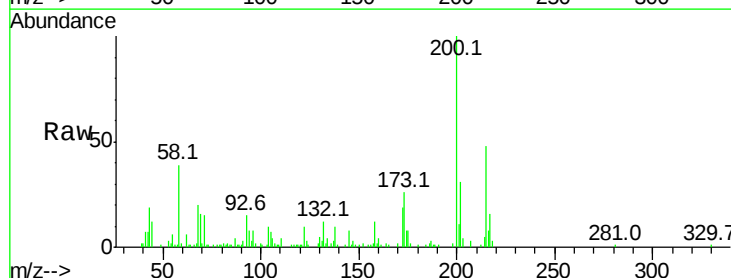
Tgt Ion:200 Resp: 40525

Ion Ratio Lower Upper

200 100

173 26.4 3.0 43.0

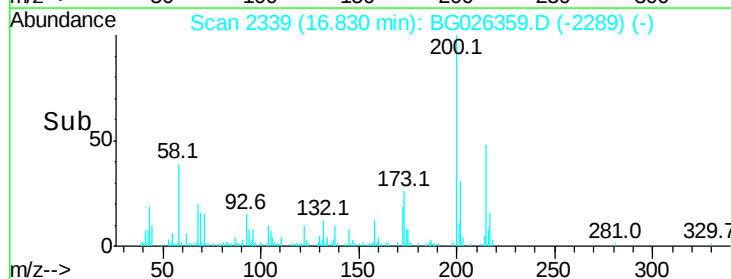
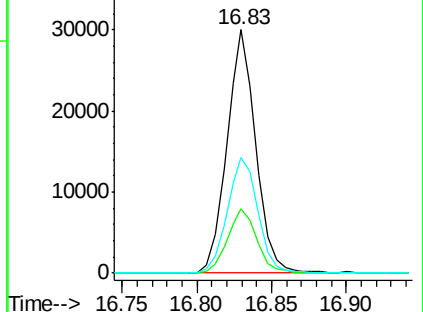
215 47.7 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

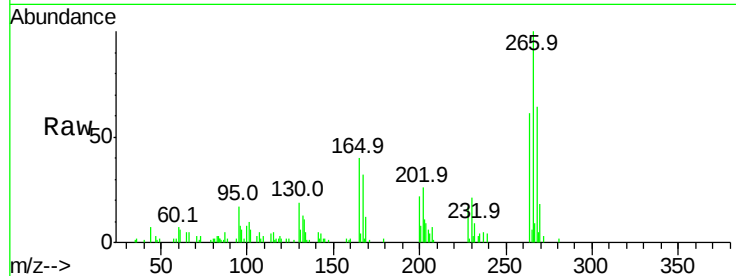




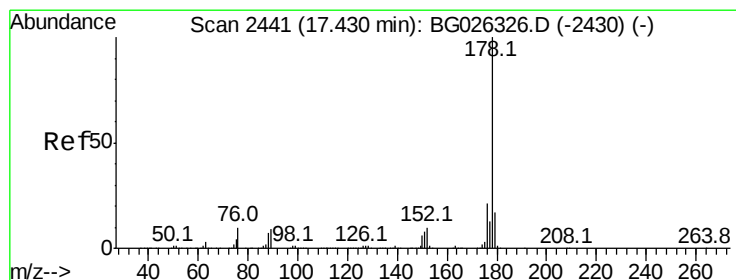
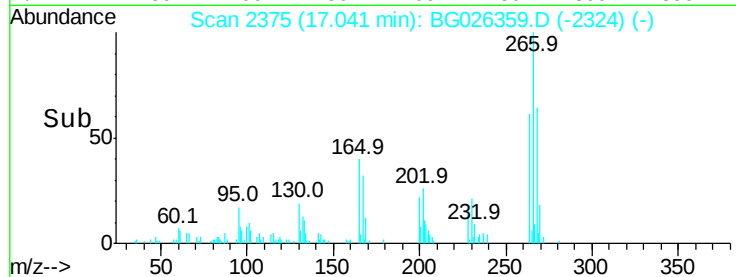
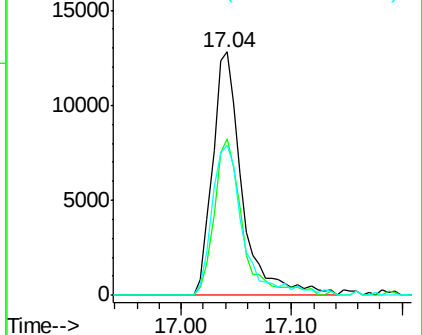
#69
 Pentachlorophenol
 Concen: 4.54 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.6	72.8
264	61.5	50.1	75.1

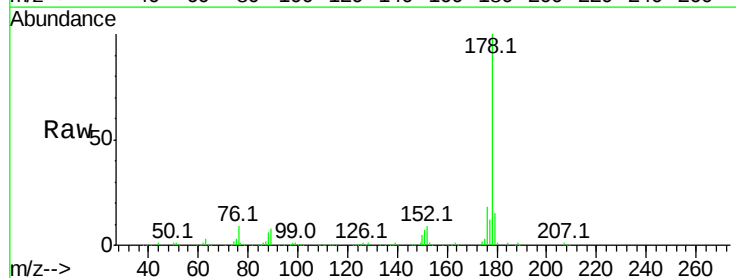


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

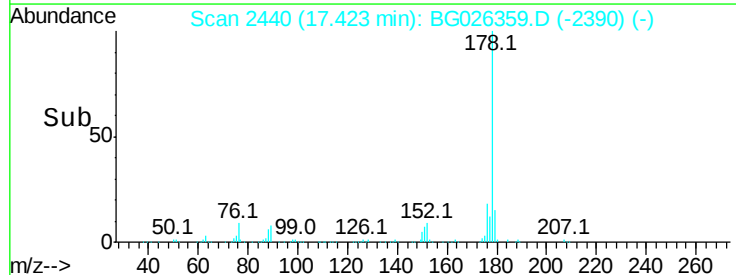
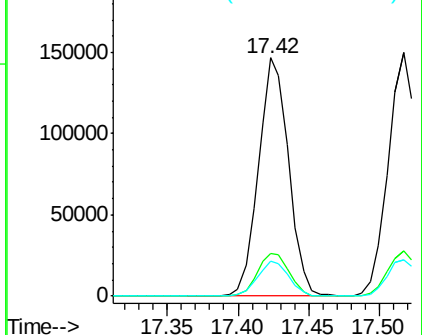


#70
 Phenanthrene
 Concen: 5.61 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	17.7	26.5
179	14.9	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

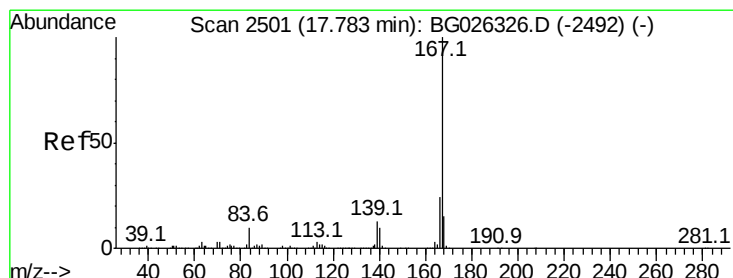
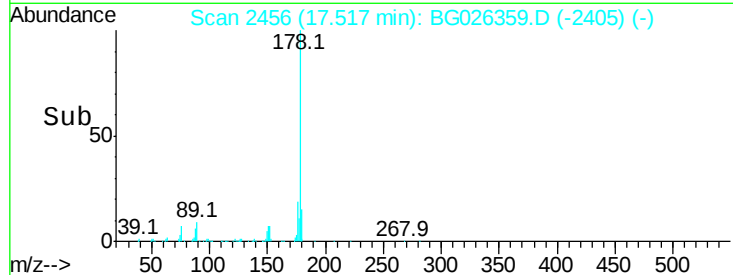
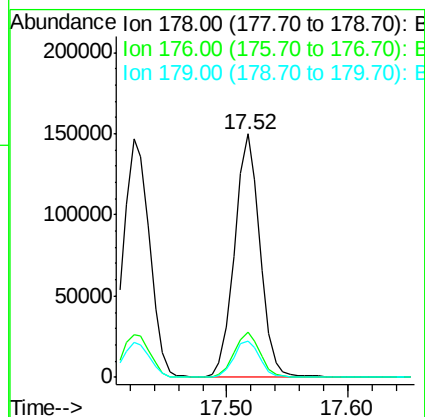
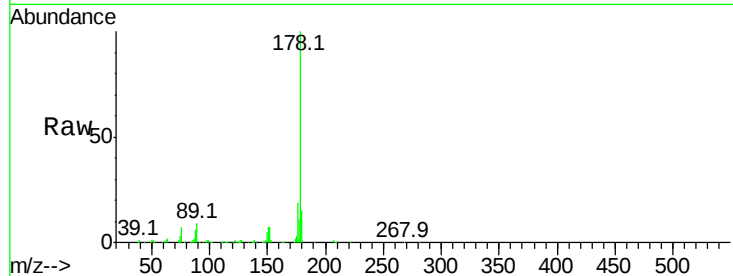




#71
 Anthracene
 Concen: 5.47 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

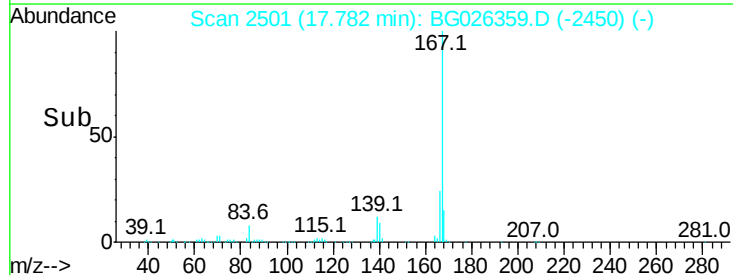
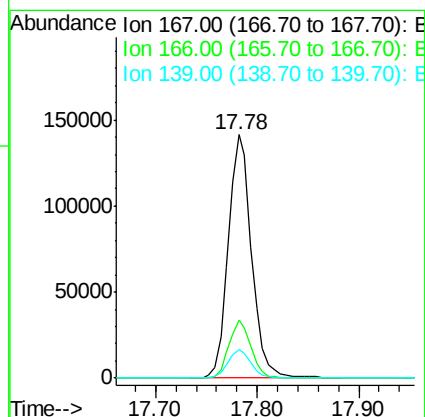
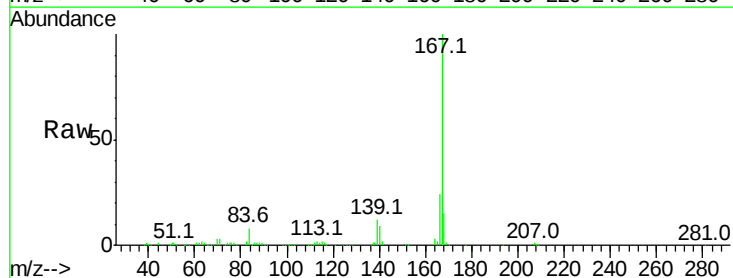
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

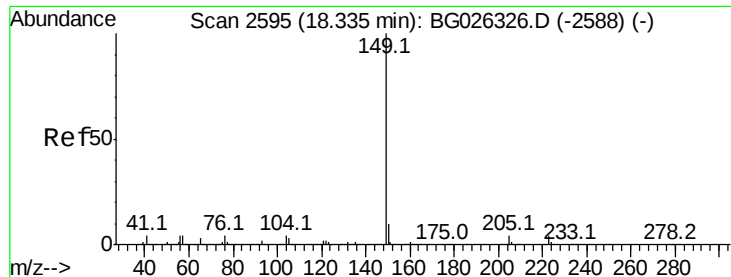
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	14.9	13.8	20.8



#72
 Carbazole
 Concen: 5.47 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	20.2	30.2
139	11.9	12.8	19.2#

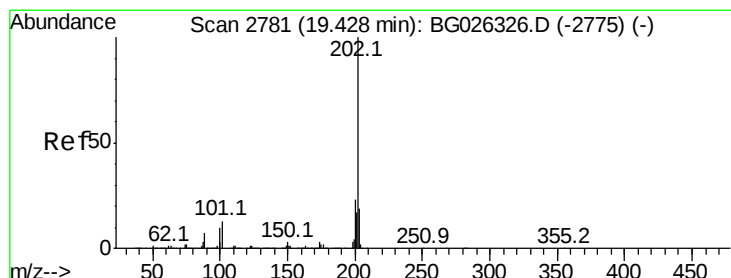
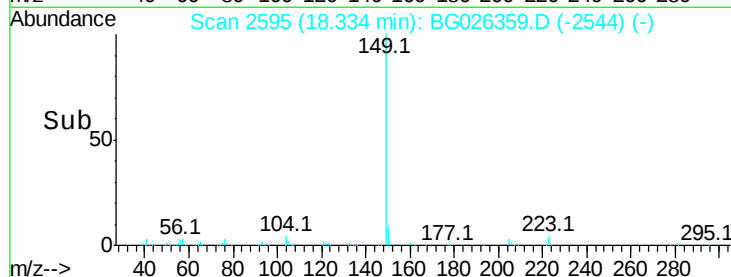
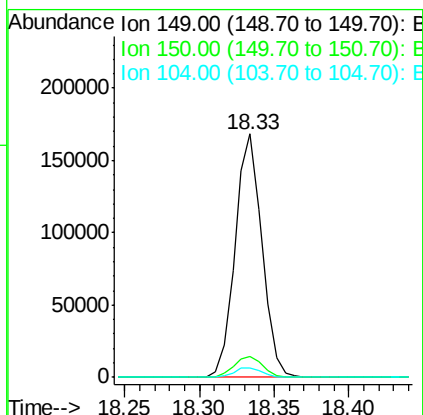
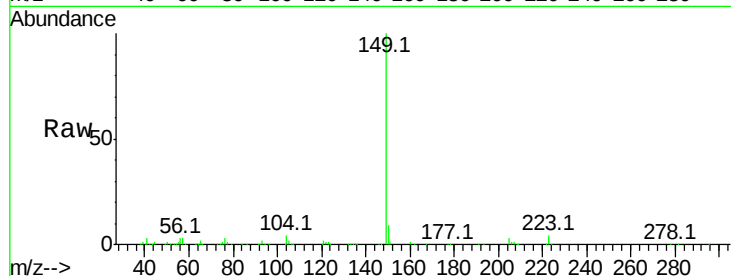




#73
Di-n-butylphthalate
Concen: 4.98 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

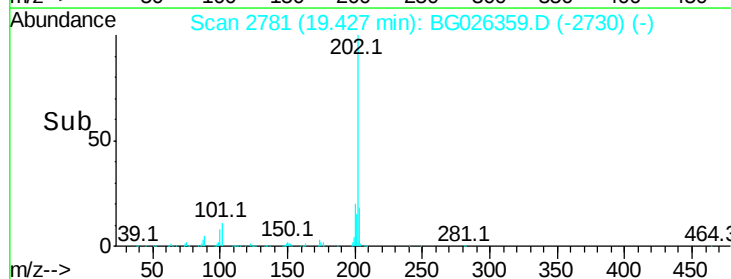
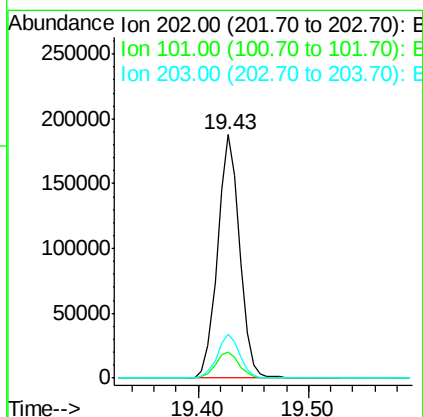
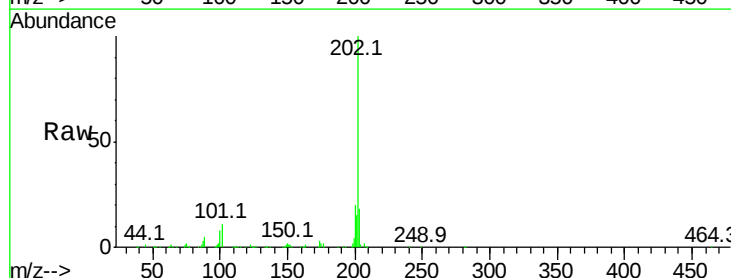
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

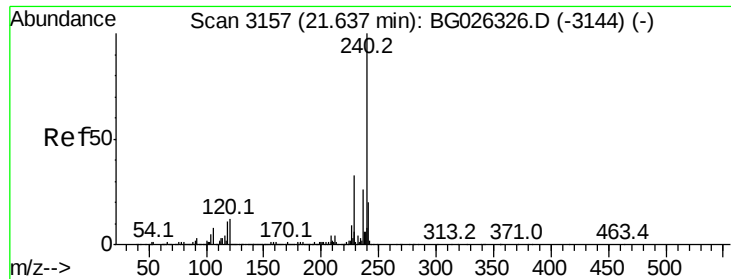
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.6	9.1	13.7#
104	3.8	6.7	10.1#



#74
Fluoranthene
Concen: 5.65 ng
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.1
203	18.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

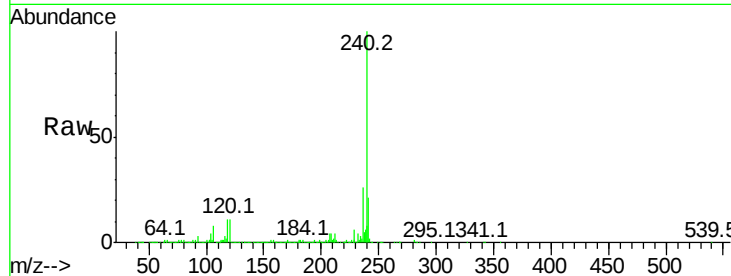
Tot Ion:240 Resp: 874051

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

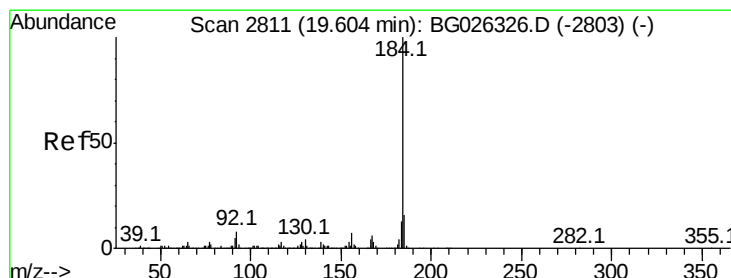
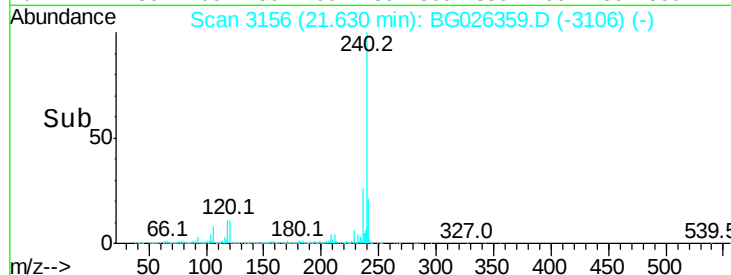
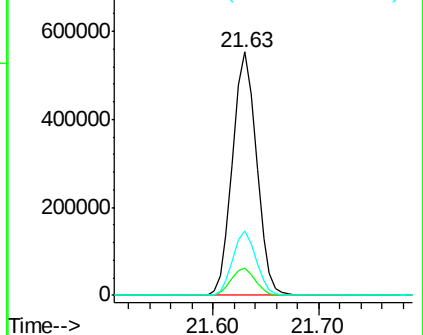
236 26.5 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.33 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

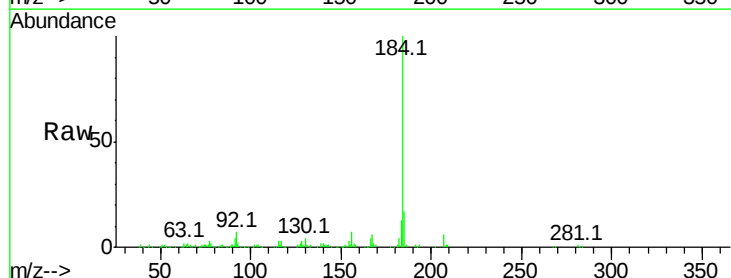
Tgt Ion:184 Resp: 130468

Ion Ratio Lower Upper

184 100

185 17.3 13.0 19.6

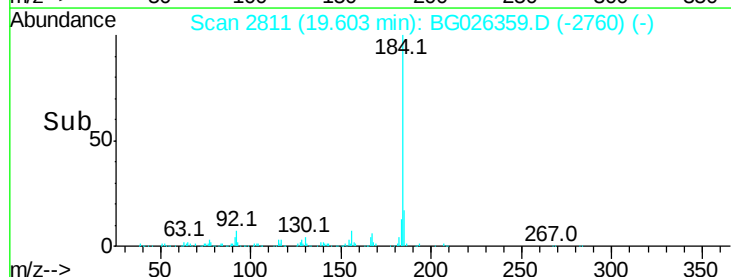
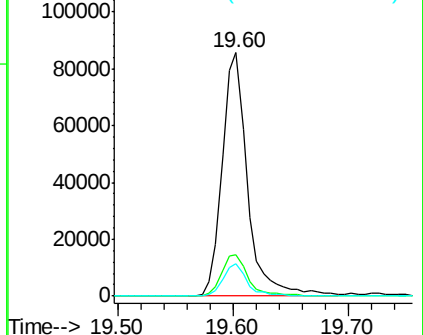
183 13.5 11.0 16.6

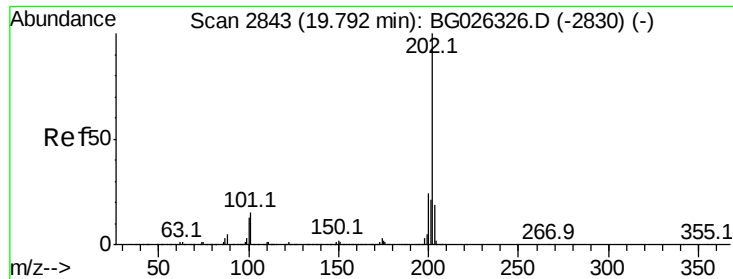


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

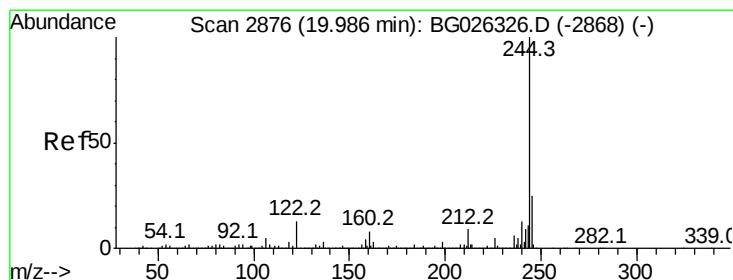
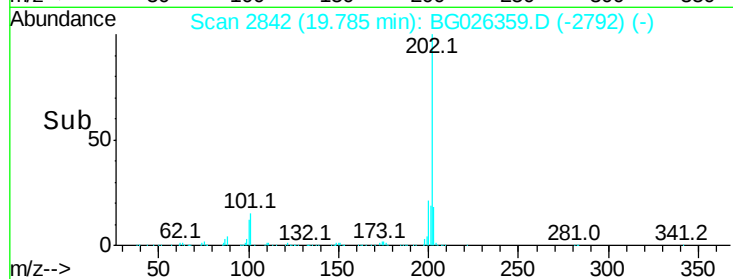
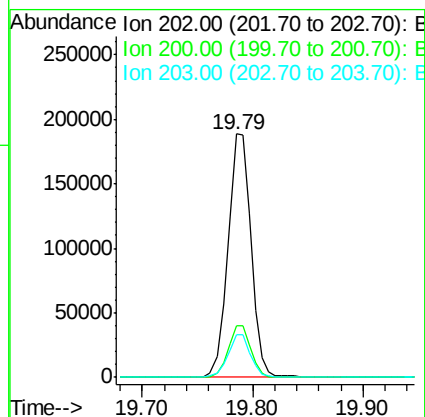
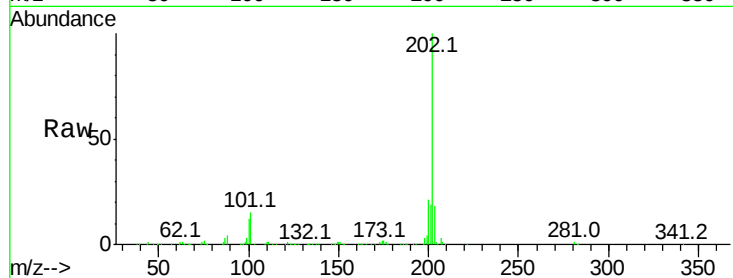




#77
Pvrene
Concen: 5.46 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

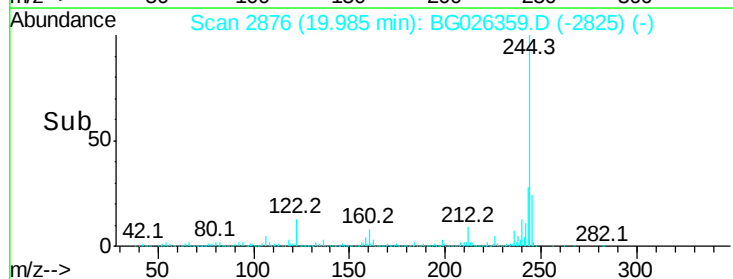
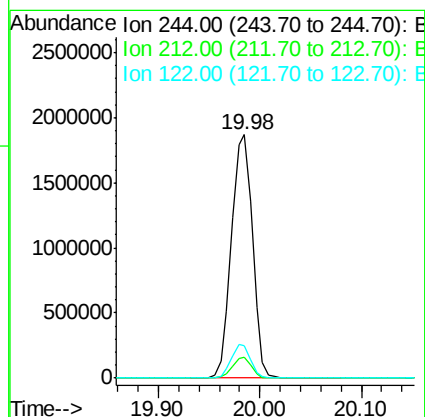
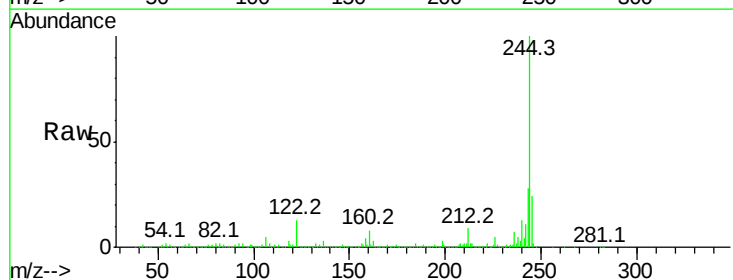
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

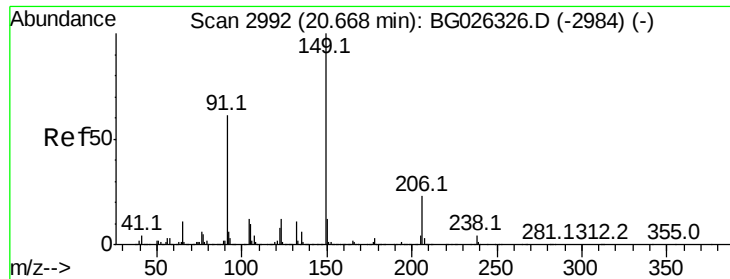
Tot Ion:202 Resp: 276270
Ion Ratio Lower Upper
202 100
200 21.4 19.6 29.4
203 17.6 15.8 23.8



#78
Terphenyl-d14
Concen: 74.89 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:244 Resp: 2695185
Ion Ratio Lower Upper
244 100
212 8.7 10.0 15.0#
122 13.2 8.6 12.8#

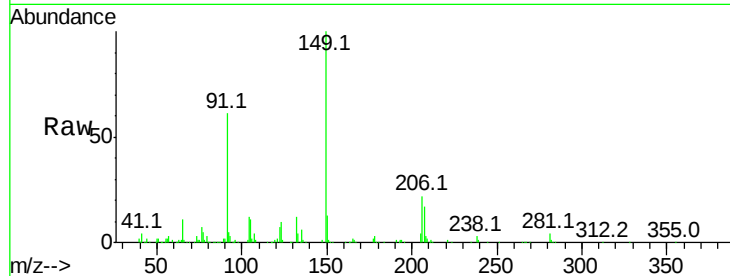




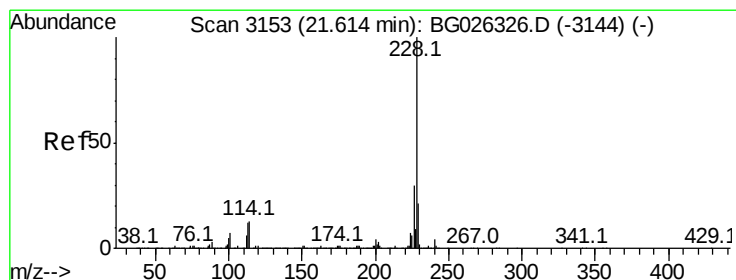
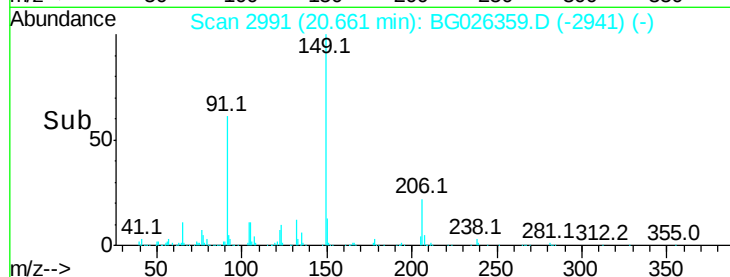
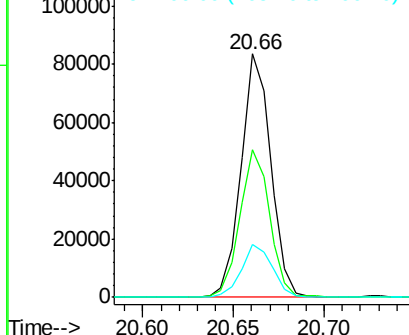
#79
Butylbenzylphthalate
Concen: 4.73 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:149 Resp: 95730
Ion Ratio Lower Upper
149 100
91 60.6 63.5 95.3#
206 21.6 21.0 31.6

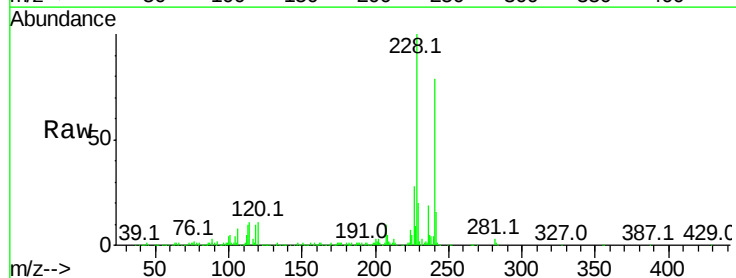


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

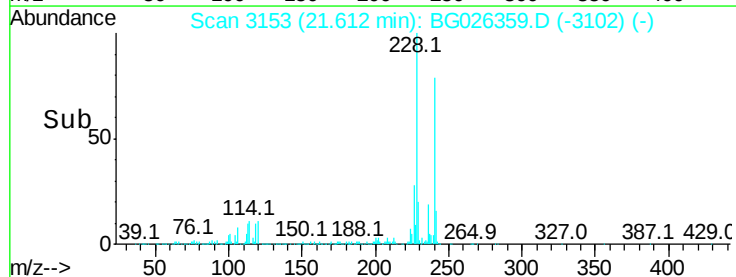
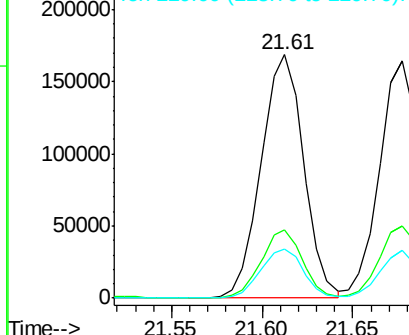


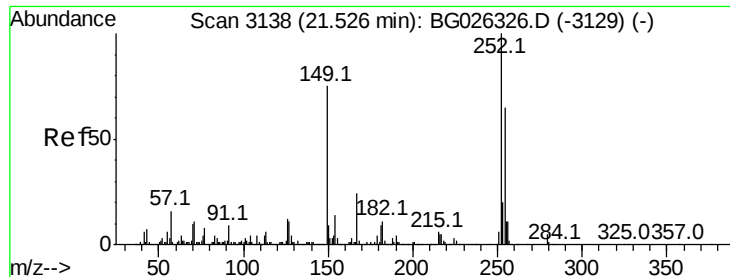
#80
Benzo(a)anthracene
Concen: 5.60 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:228 Resp: 275261
Ion Ratio Lower Upper
228 100
226 28.1 24.9 37.3
229 20.1 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

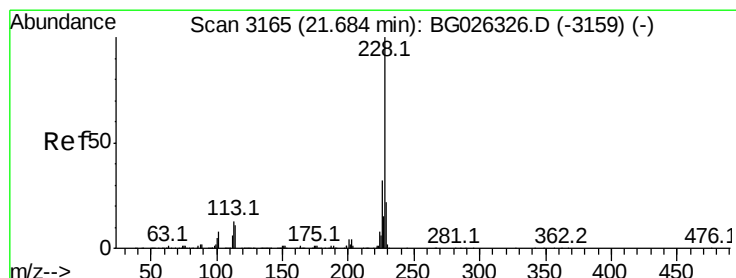
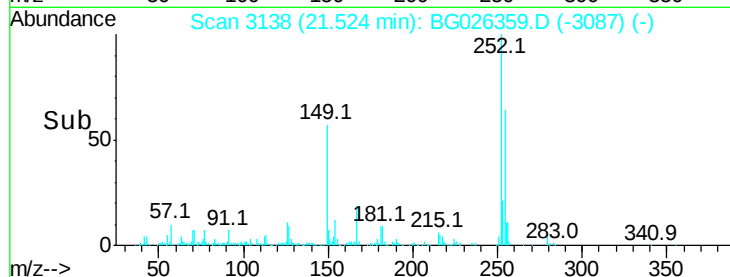
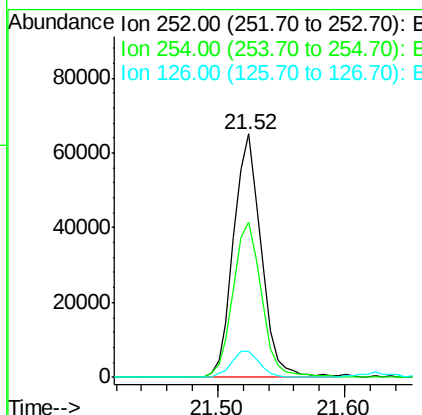
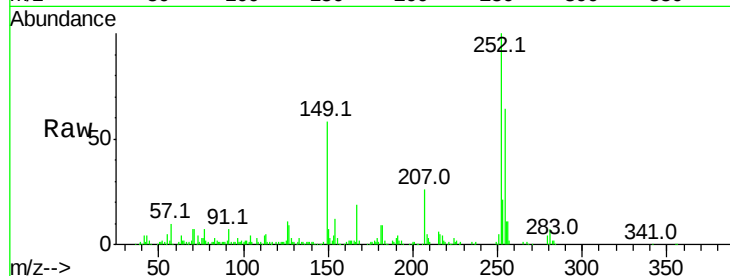




#81
 3,3'-Dichlorobenzidine
 Concen: 4.88 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

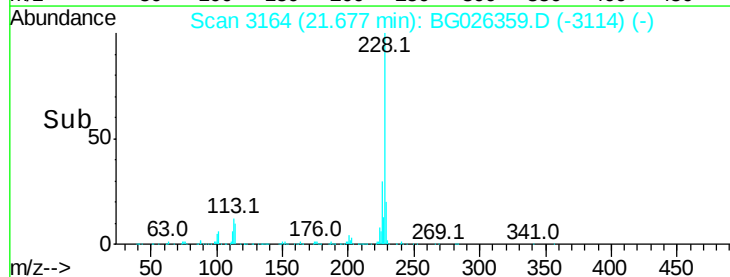
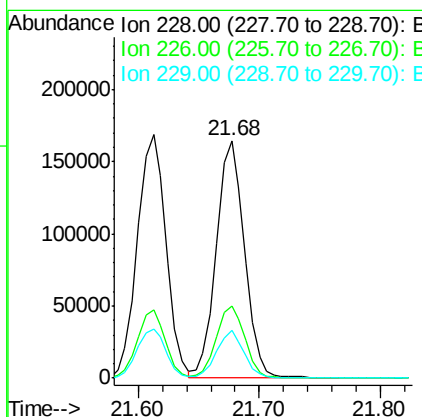
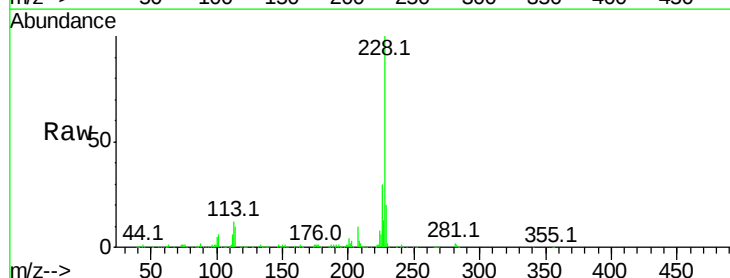
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

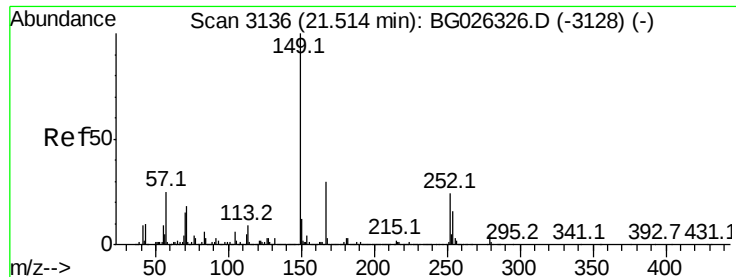
Tot Ion:252 Resp: 98208
 Ion Ratio Lower Upper
 252 100
 254 63.6 53.1 79.7
 126 10.5 7.0 10.4#



#82
 Chrysene
 Concen: 5.61 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion:228 Resp: 263534
 Ion Ratio Lower Upper
 228 100
 226 30.1 27.0 40.4
 229 19.9 17.8 26.6

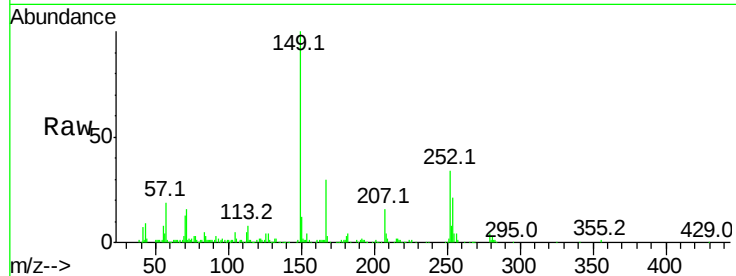




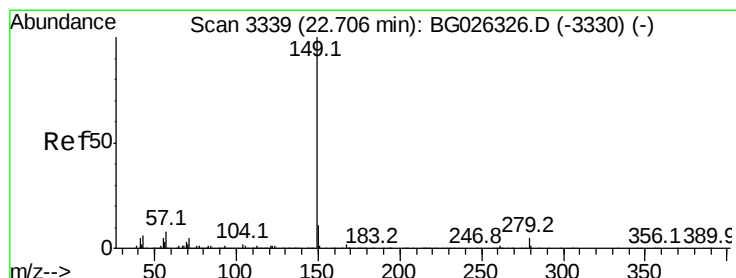
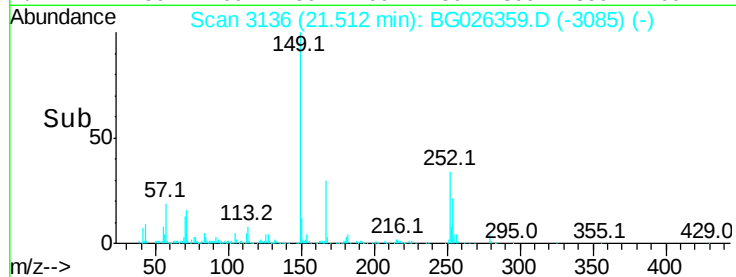
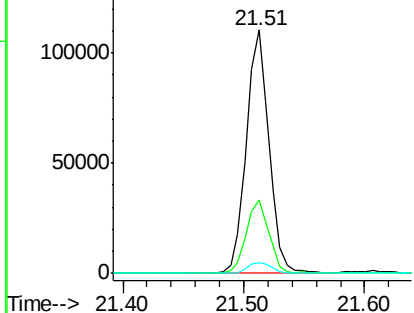
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.72 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tot Ion:149 Resp: 144342
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.7 35.5
 279 4.2 4.6 6.8#

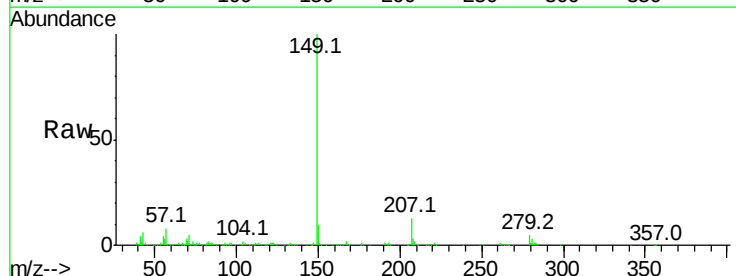


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

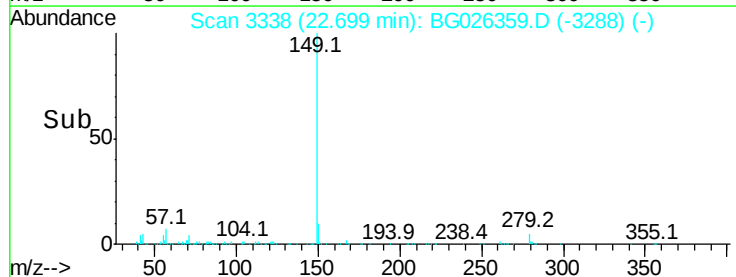
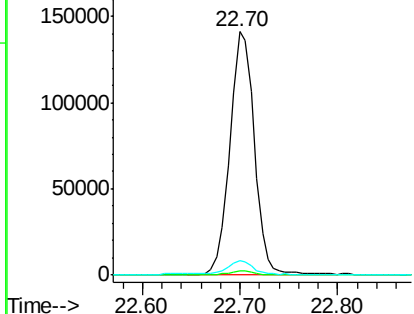


#84
 Di-n-octyl phthalate
 Concen: 4.69 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BG026359.D
 Acq: 21 Mar 2017 15:26

Tgt Ion:149 Resp: 244617
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 6.8 11.8 17.6#



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

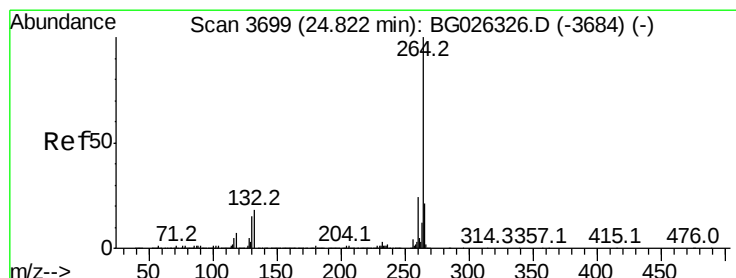
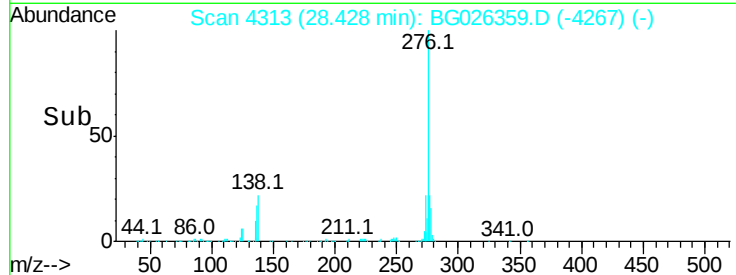
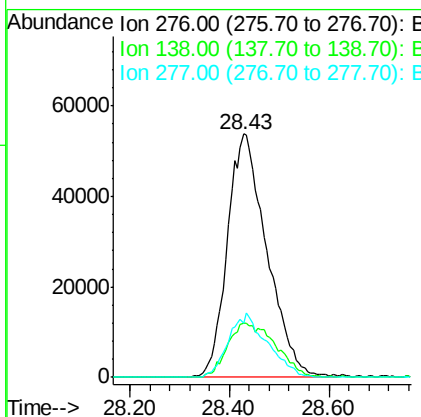
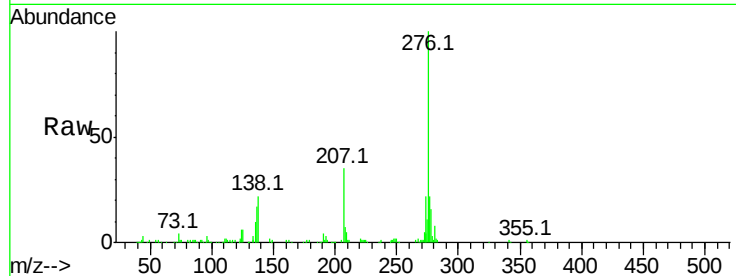




#85
Indeno(1,2,3-cd)pyrene
Concen: 5.10 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.03 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

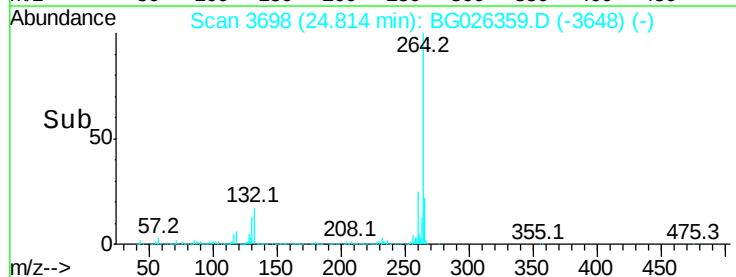
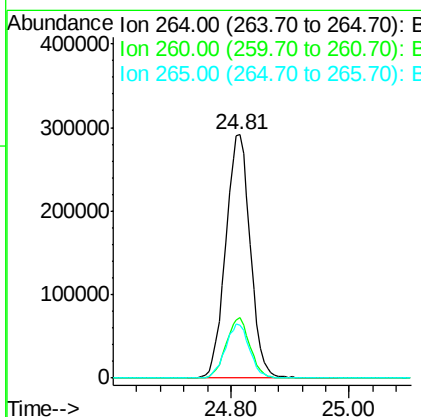
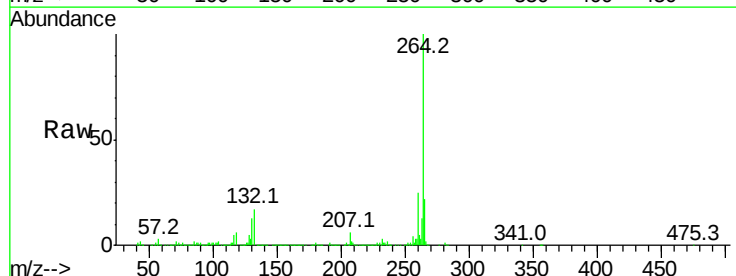
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

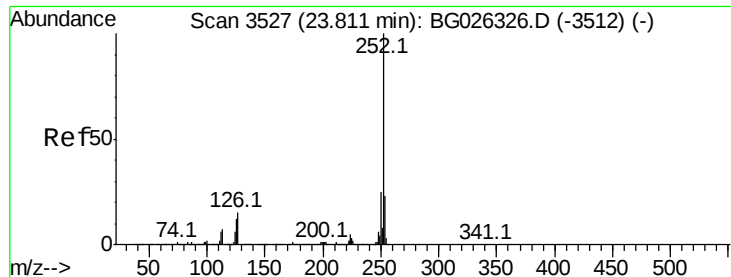
Tot Ion:276 Resp: 295690
Ion Ratio Lower Upper
276 100
138 27.1 4.7 7.1#
277 25.9 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion:264 Resp: 842872
Ion Ratio Lower Upper
264 100
260 24.7 21.8 32.8
265 21.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 5.27 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

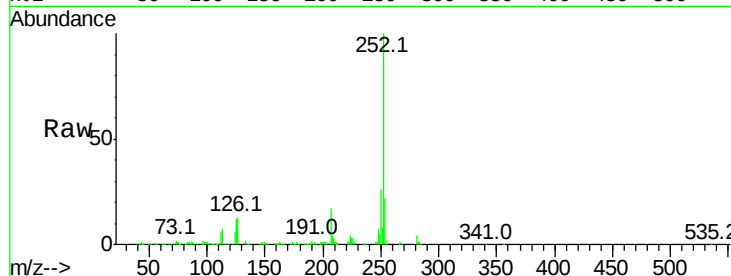
Tot Ion:252 Resp: 262048

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

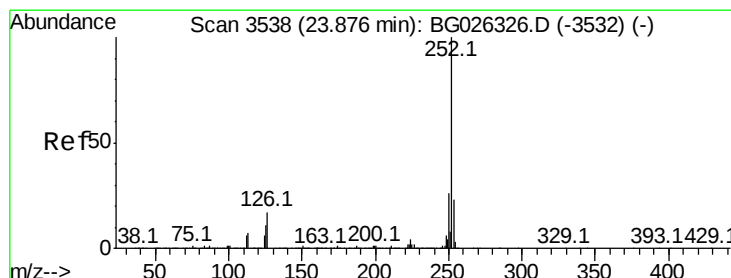
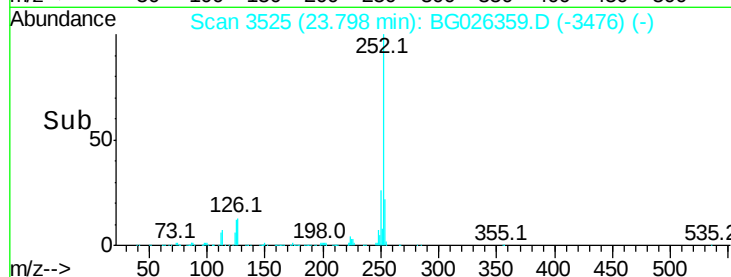
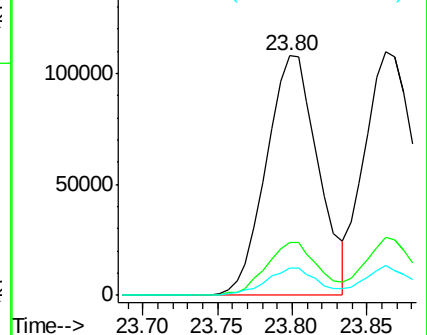
125 11.6 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 5.34 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

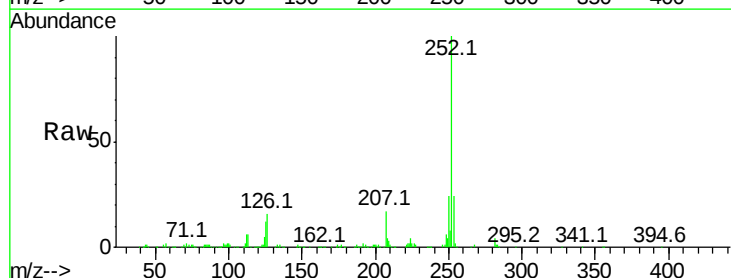
Tgt Ion:252 Resp: 257326

Ion Ratio Lower Upper

252 100

253 23.7 20.2 30.2

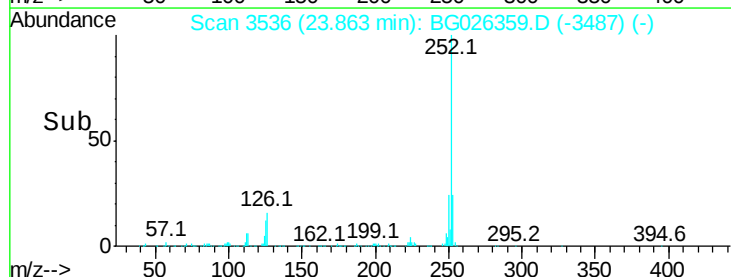
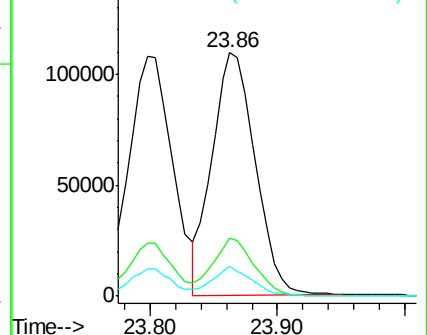
125 12.5 5.1 7.7#

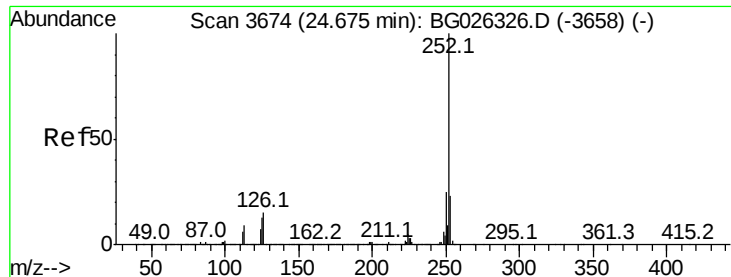


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

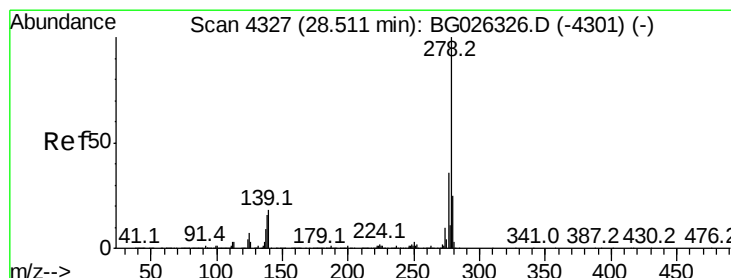
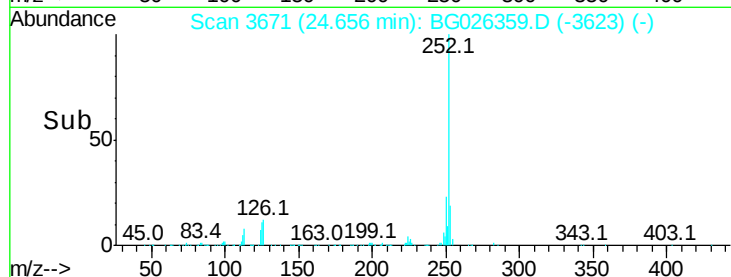
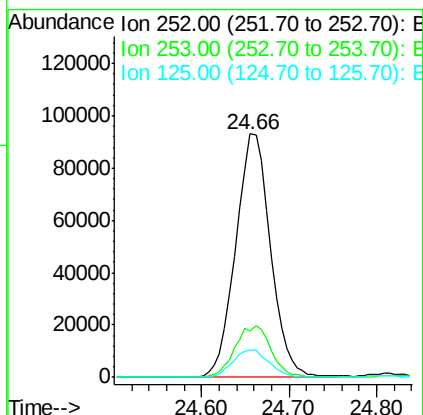
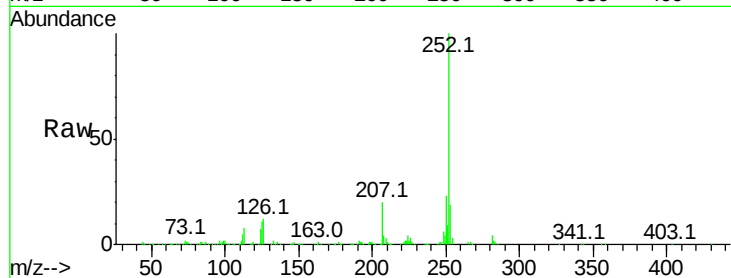




#89
Benzo(a)pyrene
Concen: 5.28 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

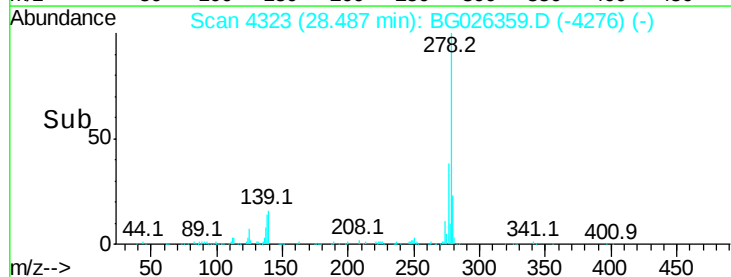
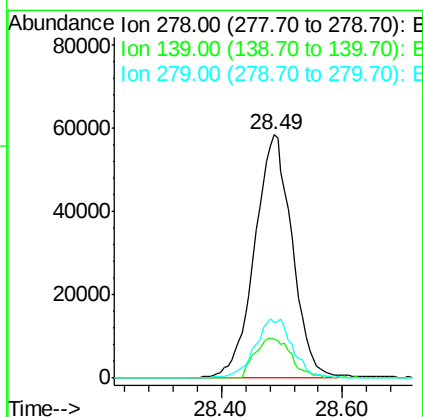
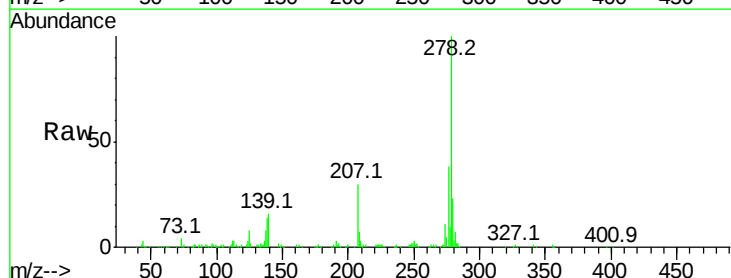
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

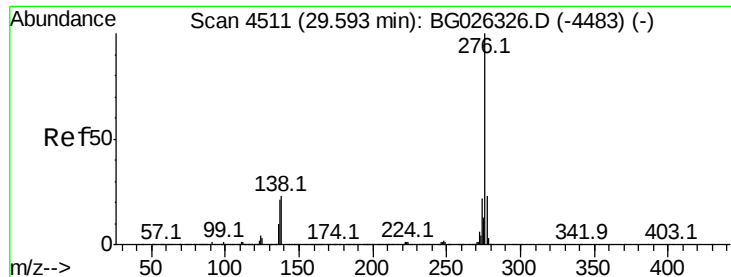
Tot Ion	Ratio	Lower	Upper
252	100		
253	18.9	19.2	28.8#
125	11.0	5.4	8.0#



#90
Dibenzo(a,h)anthracene
Concen: 5.22 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG026359.D
Acq: 21 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	7.7	11.5#
279	22.6	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 5.24 ng

RT: 29.57 min Scan# 4507

Delta R.T. -0.02 min

Lab File: BG026359.D

Acq: 21 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT2-2017

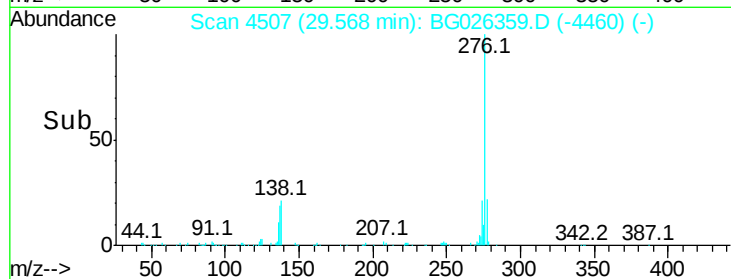
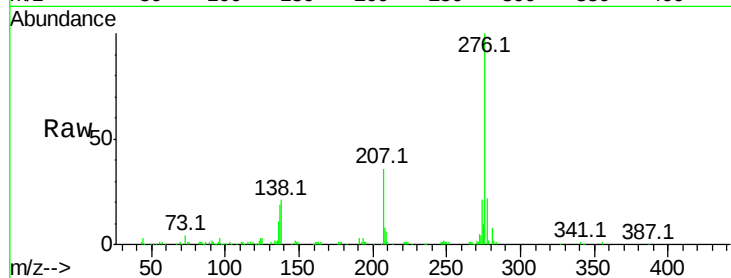
Tot Ion:276 Resp: 254199

Ion Ratio Lower Upper

276 100

277 21.9 18.6 27.8

138 20.7 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

