

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
 Data File : BG027934.D
 Acq On : 14 Jul 2017 20:59
 Operator : SJ/JU
 Sample : I3757-05
 Misc : 01PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Quant Time: Jul 17 08:27:56 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 16:10:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	50165	20.00	ng	0.00
21) Naphthalene-d8	11.20	136	216476	20.00	ng	0.00
38) Acenaphthene-d10	14.98	164	155556	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	421971	20.00	ng	0.00
75) Chrysene-d12	22.06	240	507517	20.00	ng	0.00
86) Perylene-d12	25.59	264	461205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	394999	140.84	ng	0.00
7) Phenol-d6	7.52	99	538828	133.35	ng	0.00
23) Nitrobenzene-d5	9.54	82	380278	98.15	ng	0.00
41) 2,4,6-Tribromophenol	16.47	330	369940	160.47	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1218230	103.28	ng	0.00
78) Terphenyl-d14	20.31	244	2060427	91.79	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.70	93	3832	0.815	ng	# 86
8) 2-Chlorophenol	7.94	128	3137	0.978	ng	78
9) Benzaldehyde	7.52	77	2640	1.193	ng	# 72
10) Phenol	7.54	94	4146	0.979	ng	# 36
11) bis(2-Chloroethyl)ether	7.78	93	3226	1.039	ng	82
12) 1,3-Dichlorobenzene	8.26	146	3282	0.874	ng	91
13) 1,4-Dichlorobenzene	8.41	146	3718	0.957	ng	# 83
14) 1,2-Dichlorobenzene	8.73	146	3954	1.048	ng	# 87
15) Benzyl Alcohol	8.62	79	2477	1.003	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.90	45	5412	0.864	ng	96
18) Hexachloroethane	9.46	117	1142	0.903	ng	90
24) Nitrobenzene	9.58	77	3841	0.943	ng	92
31) Naphthalene	11.24	128	9581	0.888	ng	# 90
34) Hexachlorobutadiene	11.52	225	2584	0.889	ng	# 72
37) 2-Methylnaphthalene	12.82	142	7249m	0.880	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	5275	0.858	ng	# 89
45) 1,1'-Biphenyl	13.81	154	13331	0.997	ng	97
46) 2-Chloronaphthalene	13.86	162	7910	0.813	ng	93
47) 2-Nitroaniline	14.07	65	2019	0.694	ng	# 66
48) Acenaphthylene	14.71	152	13009	0.840	ng	96
49) Dimethylphthalate	14.42	163	11347	0.874	ng	99
50) 2,6-Dinitrotoluene	14.55	165	1984	0.715	ng	# 77
51) Acenaphthene	15.04	154	8219	0.846	ng	98
54) Dibenzofuran	15.37	168	13505	0.909	ng	# 84
57) Fluorene	16.03	166	12121	0.913	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.61	232	2376	0.681	ng	# 85
59) Diethylphthalate	15.77	149	10780	0.856	ng	97
62) Azobenzene	16.30	77	8095	0.820	ng	90
65) n-Nitrosodiphenylamine	16.22	169	9309	0.756	ng	97
66) 4-Bromophenyl-phenylether	16.90	248	4387	0.833	ng	# 89
67) Hexachlorobenzene	17.03	284	4844	0.844	ng	# 90
68) Atrazine	17.17	200	3613	0.765	ng	87
70) Phenanthrene	17.77	178	19150	0.868	ng	99
71) Anthracene	17.86	178	18695	0.850	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

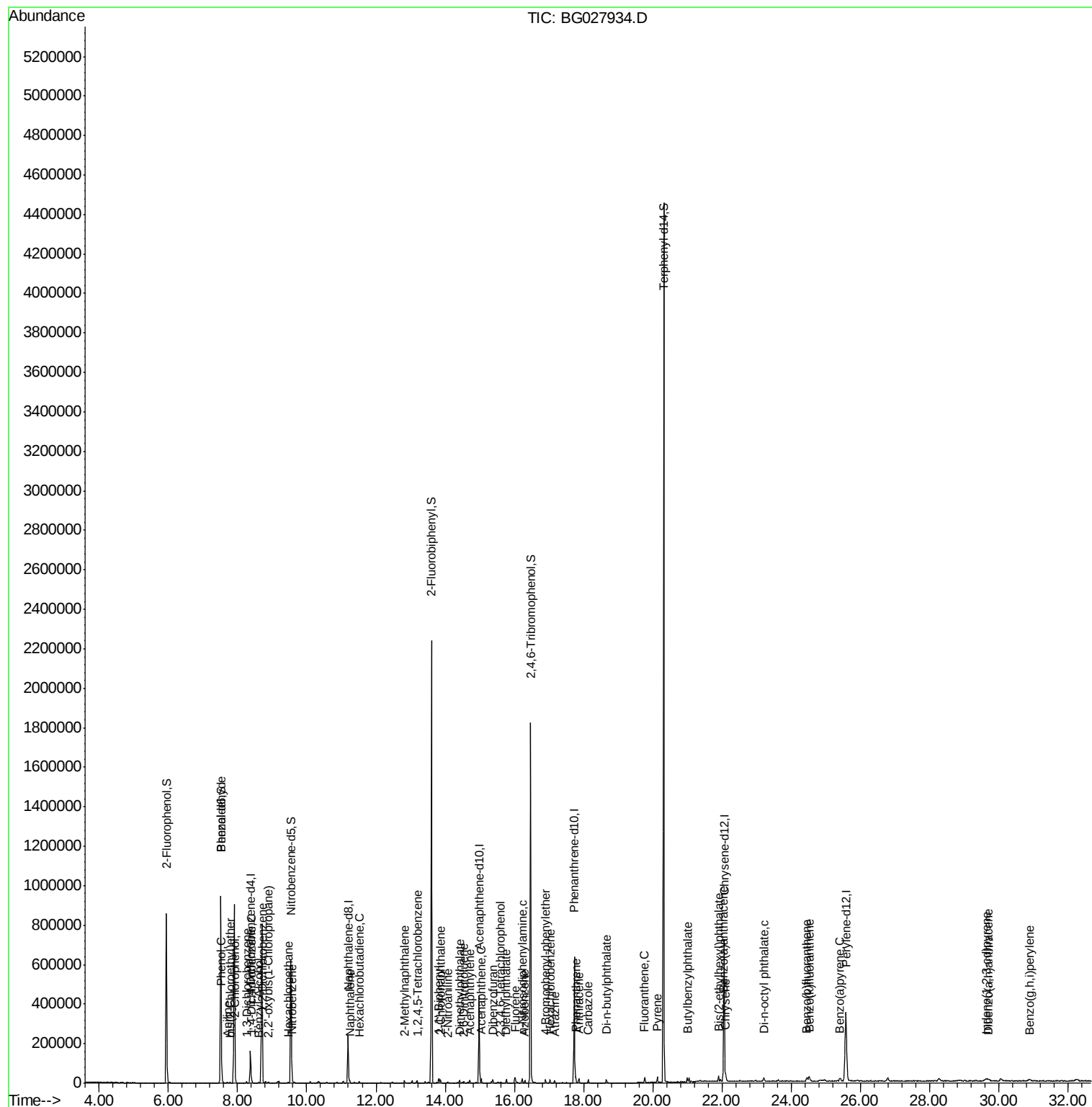
72) Carbazole	18.13	167	15347	0.776	ng	# 96
73) Di-n-butylphthalate	18.66	149	16578	0.763	ng	95
74) Fluoranthene	19.76	202	21669	0.818	ng	91
77) Pyrene	20.13	202	22926	0.845	ng	# 90
79) Butylbenzylphthalate	21.00	149	6239	0.640	ng	# 94
80) Benzo(a)anthracene	22.04	228	25244	0.905	ng	# 86
82) Chrysene	22.11	228	25567	0.958	ng	# 86
83) Bis(2-ethylhexyl)phthalate	21.90	149	11139	0.785	ng	# 96
84) Di-n-octyl phthalate	23.21	149	15892	0.660	ng	98
85) Indeno(1,2,3-cd)pyrene	29.62	276	22059m	0.715	ng	
87) Benzo(b)fluoranthene	24.45	252	22345	0.829	ng	# 95
88) Benzo(k)fluoranthene	24.53	252	22914	0.851	ng	# 92
89) Benzo(a)pyrene	25.41	252	20686	0.814	ng	# 96
90) Dibenzo(a,h)anthracene	29.71	278	19636m	0.765	ng	
91) Benzo(g,h,i)perylene	30.88	276	19501	0.788	ng	# 92

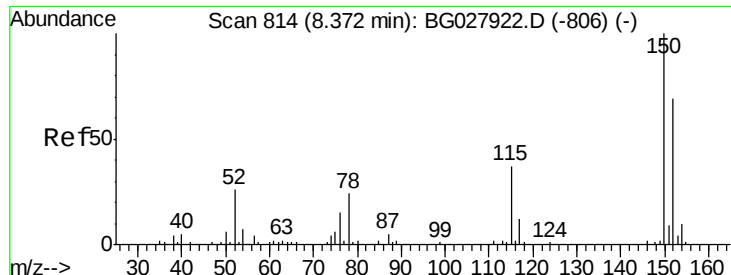
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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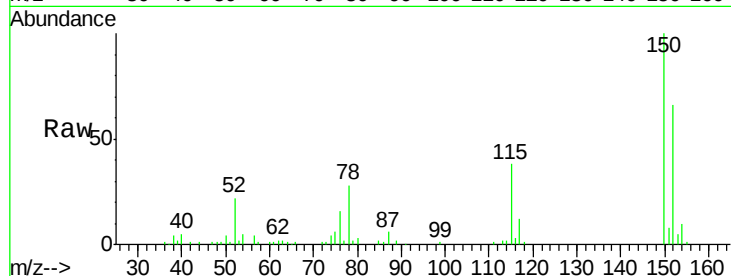


#1

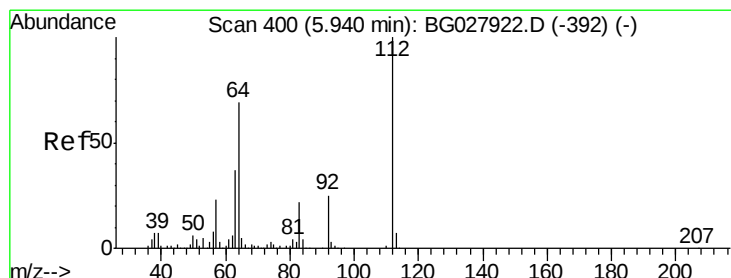
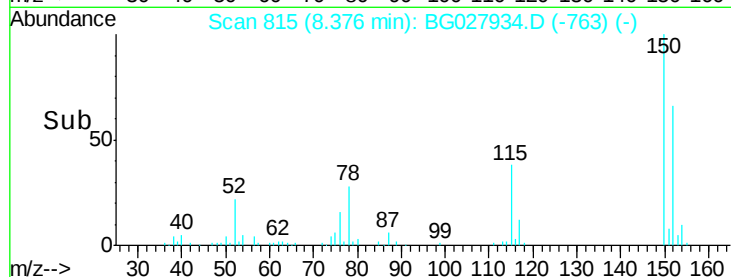
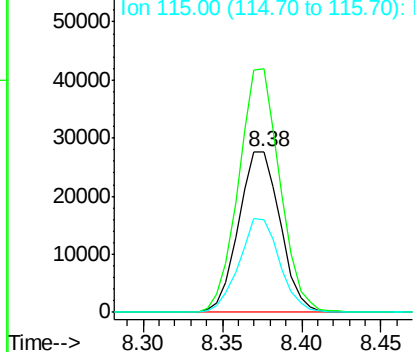
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion:152 Resp: 50165
Ion Ratio Lower Upper
152 100
150 151.2 114.0 171.0
115 57.7 48.1 72.1



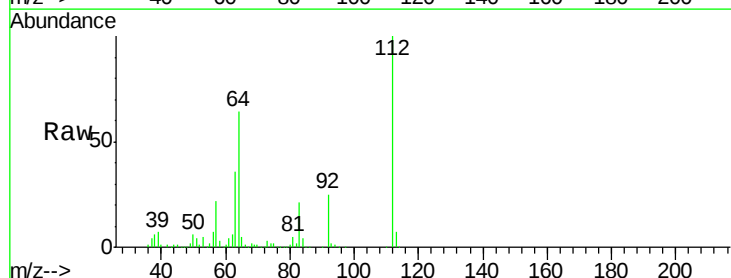
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



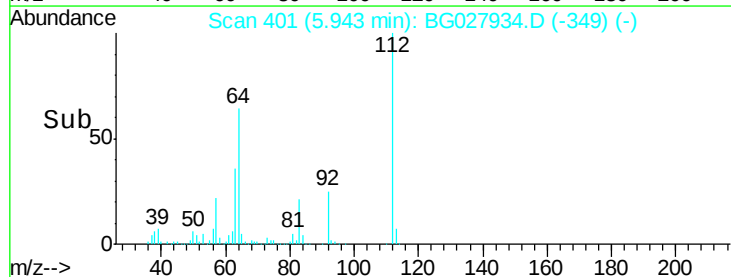
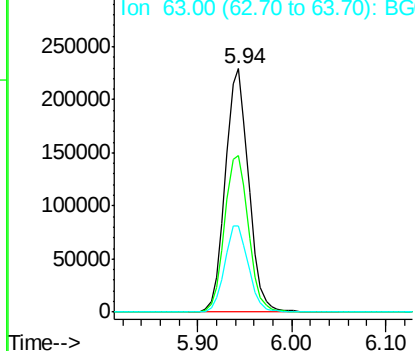
#5

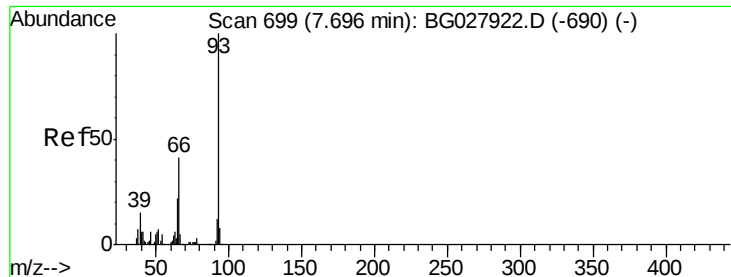
2-Fluorophenol
Concen: 140.841 ng
RT: 5.94 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion:112 Resp: 394999
Ion Ratio Lower Upper
112 100
64 64.1 61.8 92.6
63 35.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.815 ng

RT: 7.70 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

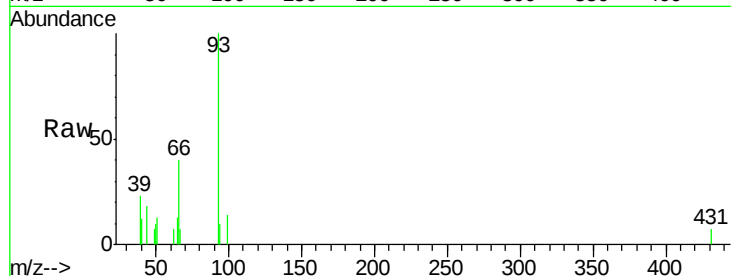
Tgt Ion: 93 Resp: 3832

Ion Ratio Lower Upper

93 100

66 39.7 35.4 53.2

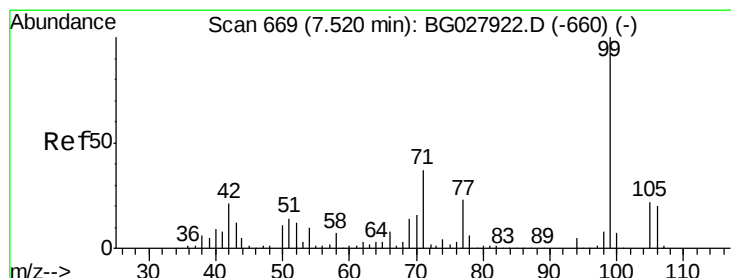
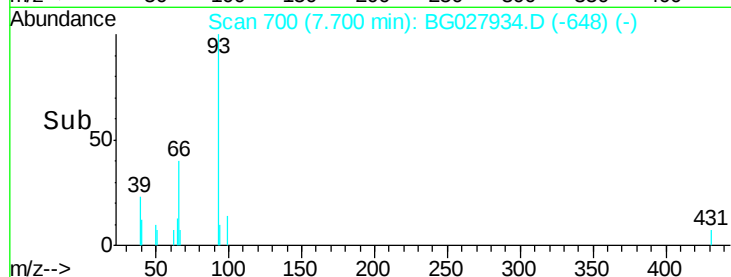
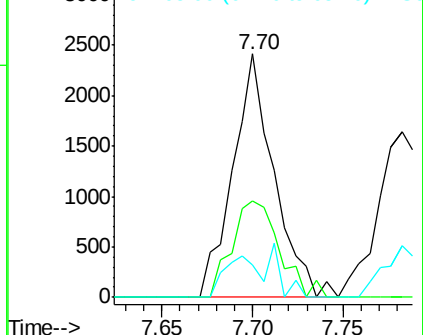
65 13.5 21.2 31.8#



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: 133.352 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

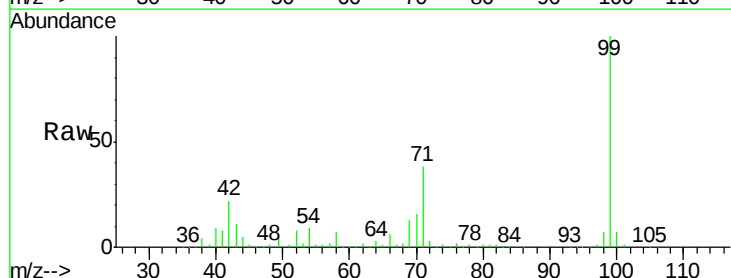
Tgt Ion: 99 Resp: 538828

Ion Ratio Lower Upper

99 100

42 21.7 20.5 30.7

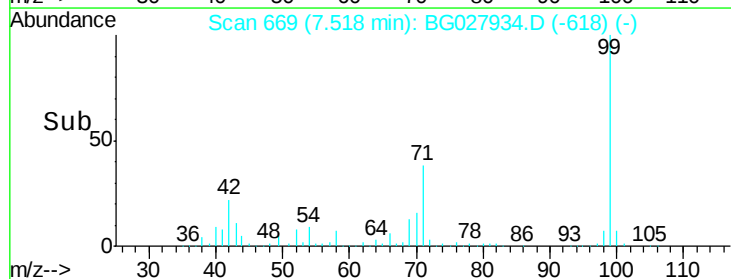
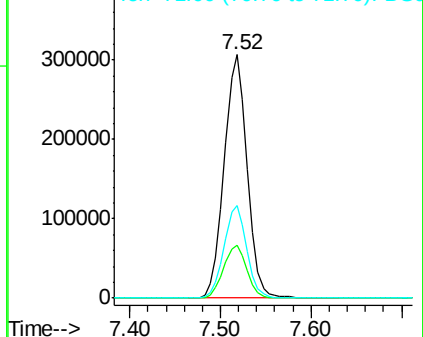
71 38.2 37.6 56.4

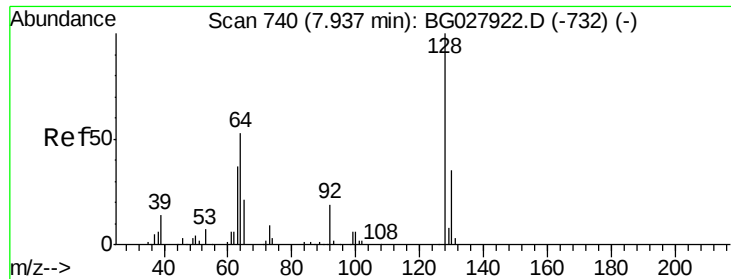


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 0.978 ng

RT: 7.94 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

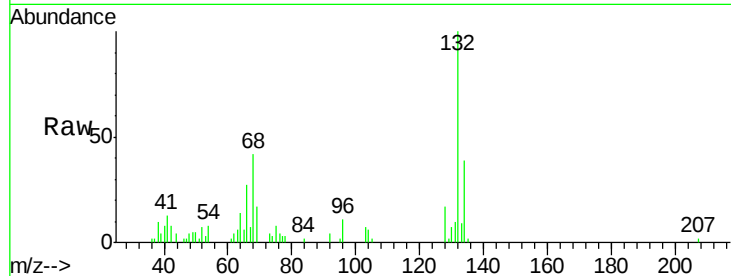
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

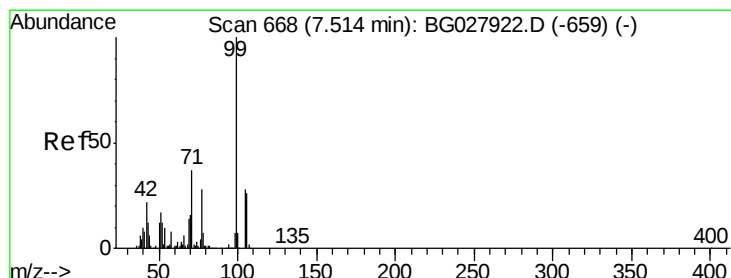
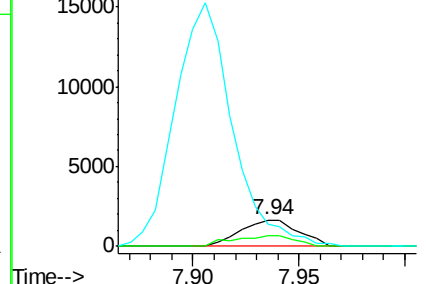
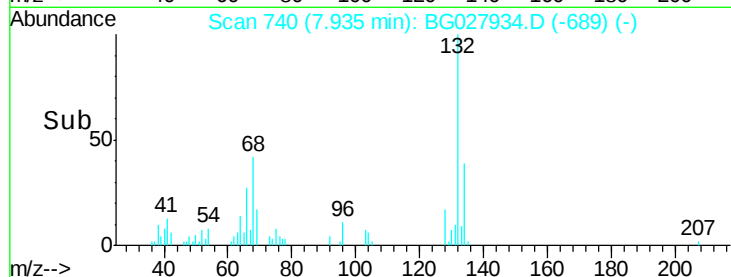
Tgt Ion:	128	Resp:	3137
Ion	Ratio	Lower	Upper
128	100		
130	42.1	11.4	51.4
64	84.7	46.6	86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 1.193 ng

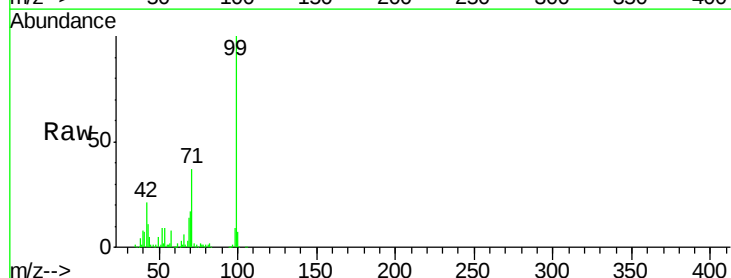
RT: 7.52 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

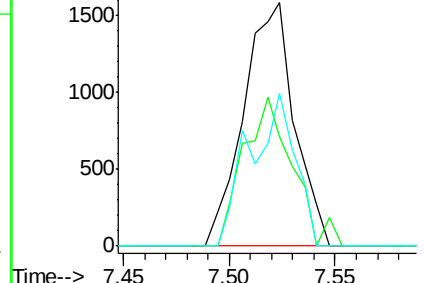
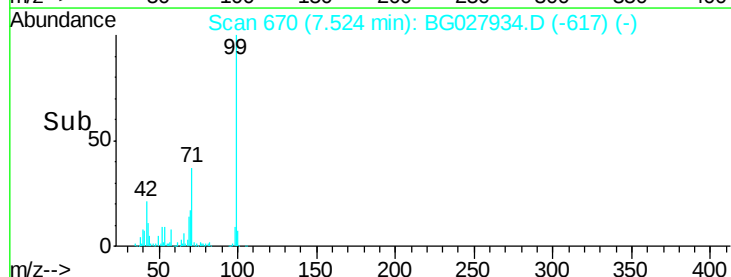
Tgt Ion:	77	Resp:	2640
Ion	Ratio	Lower	Upper
77	100		
105	45.0	60.9	100.9#
106	62.6	55.1	95.1

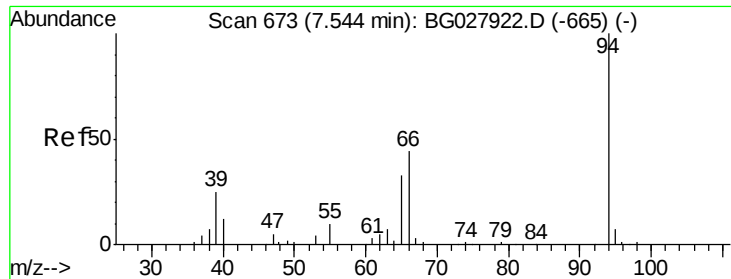


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.979 ng

RT: 7.54 min Scan# 673

Delta R.T. -0.00 min

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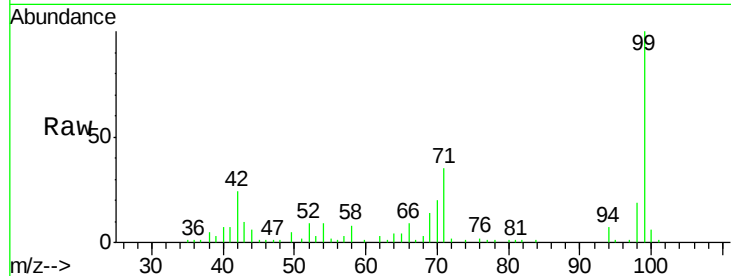
Tgt Ion: 94 Resp: 4146

Ion Ratio Lower Upper

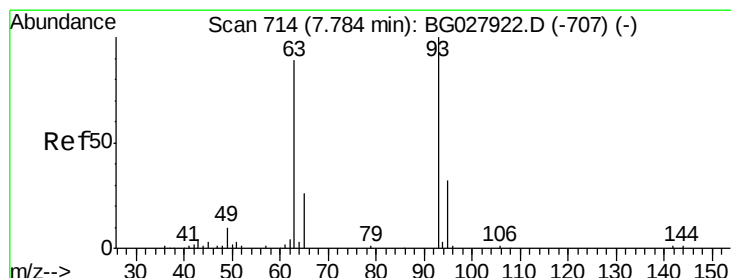
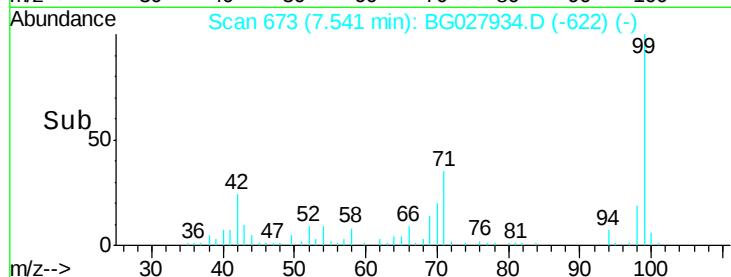
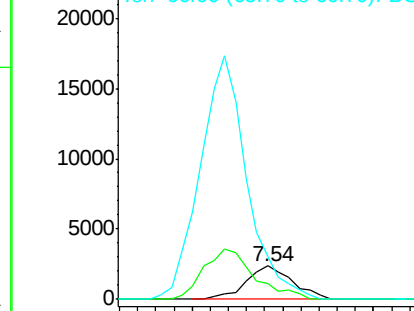
94 100

65 48.6 20.6 60.6

66 128.7 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 1.039 ng

RT: 7.78 min Scan# 714

Delta R.T. -0.00 min

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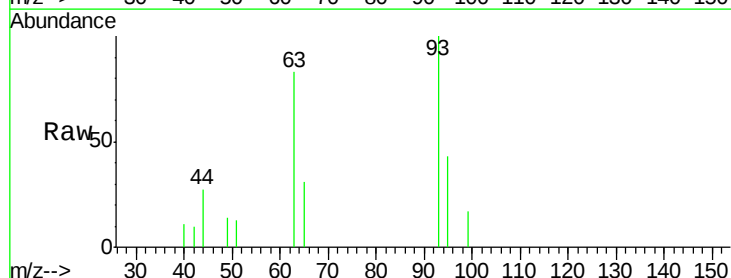
Tgt Ion: 93 Resp: 3226

Ion Ratio Lower Upper

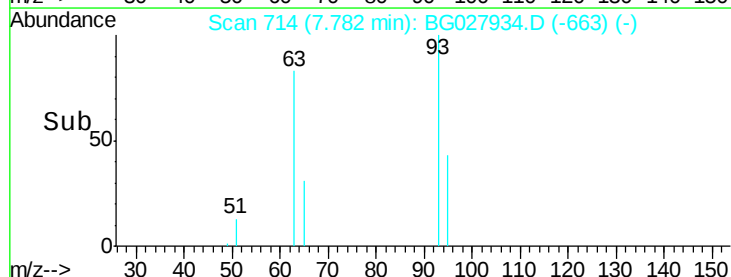
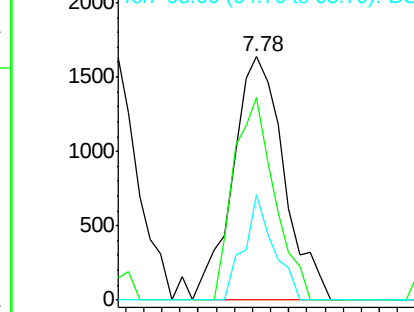
93 100

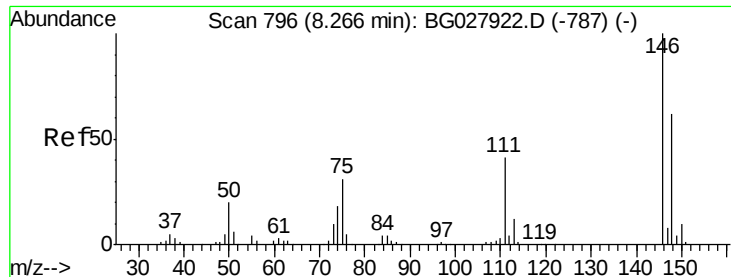
63 83.2 78.5 118.5

95 43.2 9.8 49.8



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





#12

1,3-Dichlorobenzene

Concen: 0.874 ng

RT: 8.26 min Scan# 796

Delta R.T. -0.00 min

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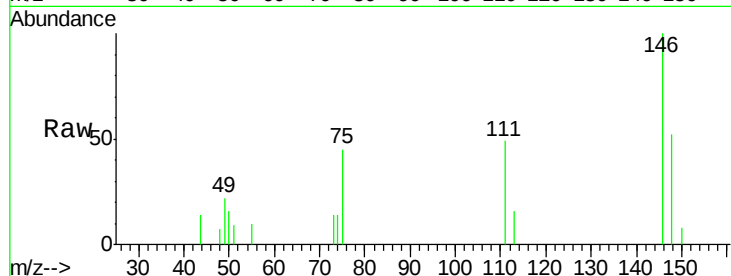
Tgt Ion:146 Resp: 3282

Ion Ratio Lower Upper

146 100

148 52.0 49.2 73.8

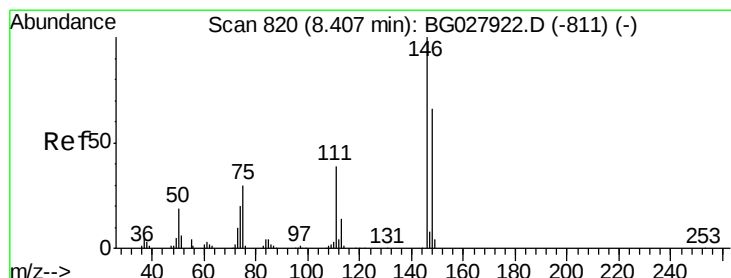
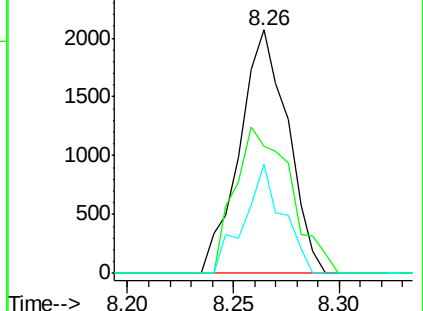
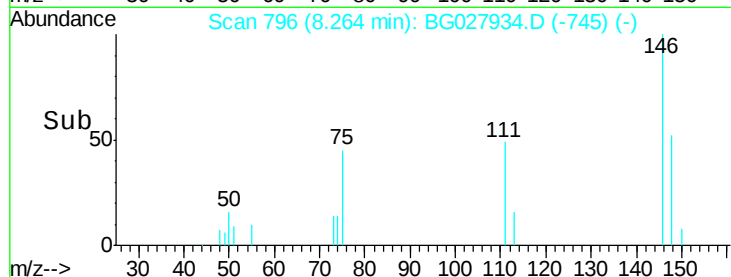
75 44.9 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 0.957 ng

RT: 8.41 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

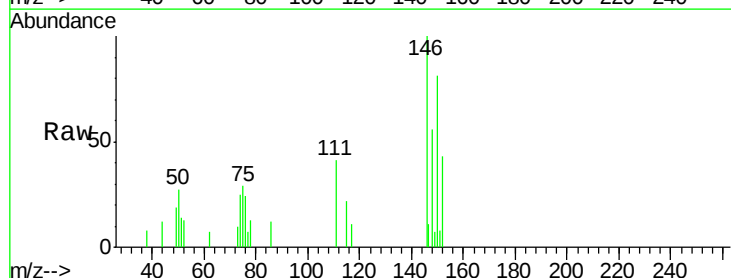
Tgt Ion:146 Resp: 3718

Ion Ratio Lower Upper

146 100

148 50.7 52.2 78.2#

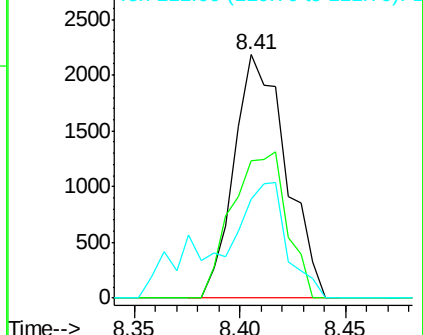
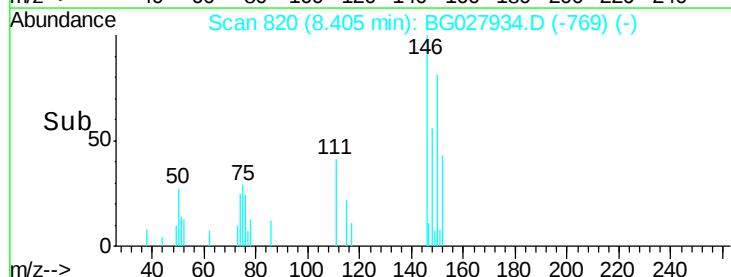
111 36.6 37.0 55.6#

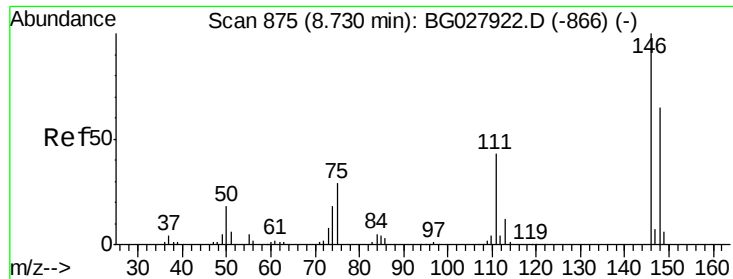


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 1.048 ng

RT: 8.73 min Scan# 875

Delta R.T. -0.00 min

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Acq: 14 Jul 2017 20:59

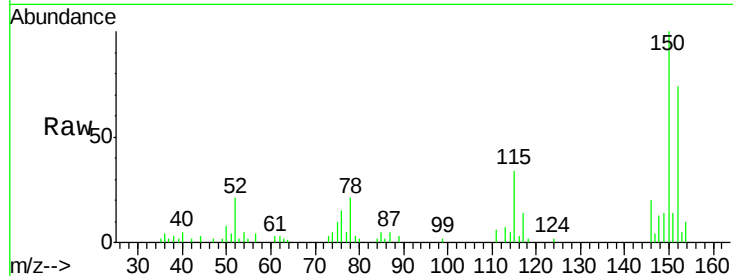
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

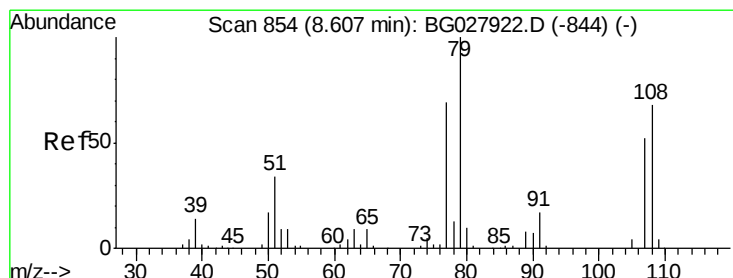
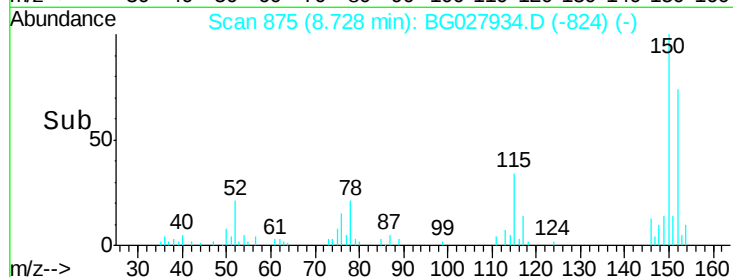
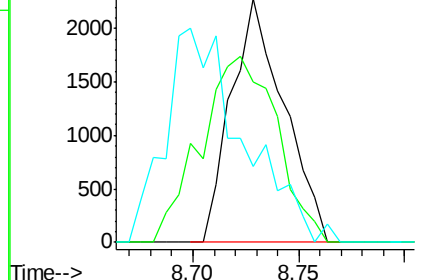
Tgt Ion:	146	Resp:	3954
Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.6	81.8
111	31.3	39.7	59.5#



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: 1.003 ng

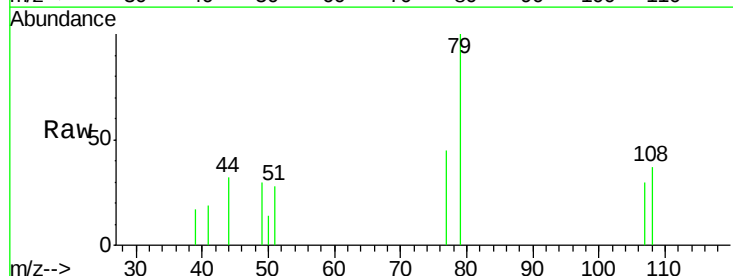
RT: 8.62 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

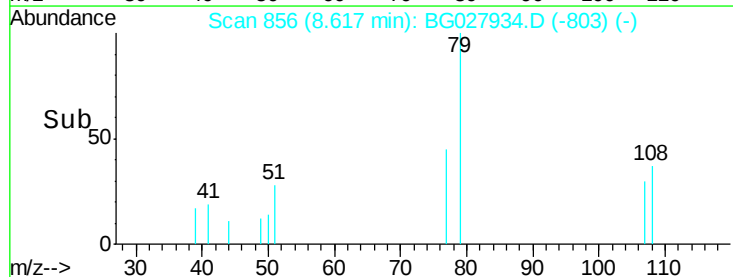
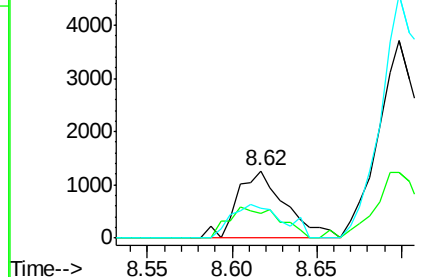
Tgt Ion:	79	Resp:	2477
Ion	Ratio	Lower	Upper
79	100		
108	37.3	45.5	68.3#
77	45.2	54.3	81.5#

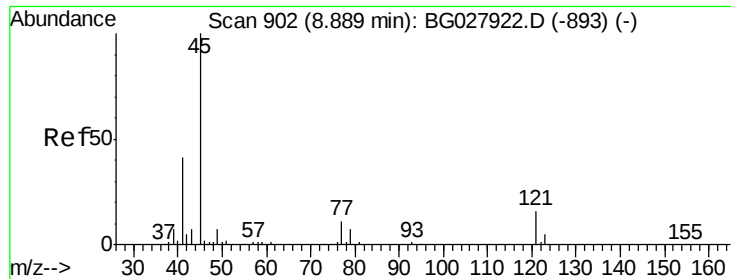


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

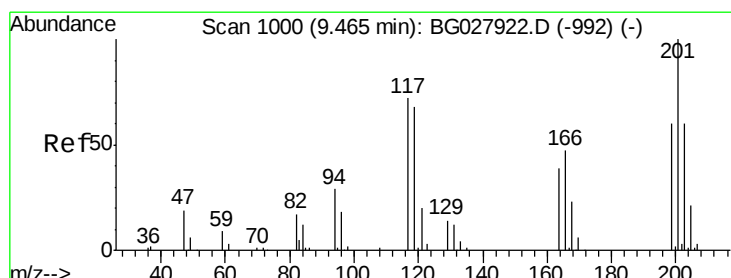
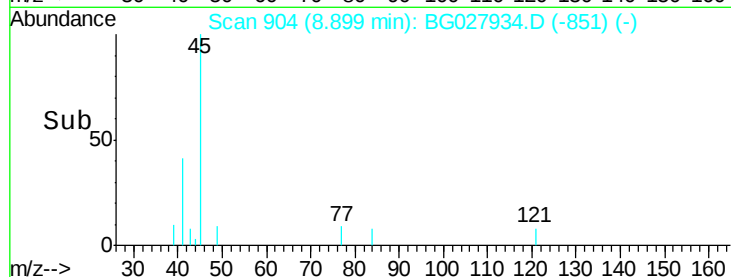
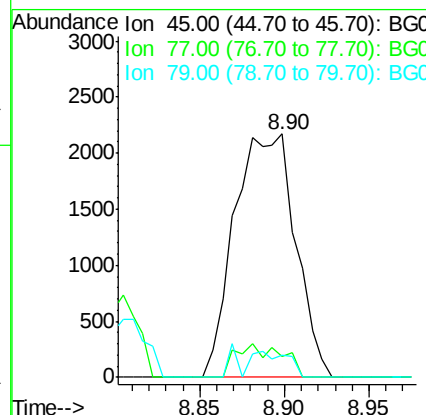
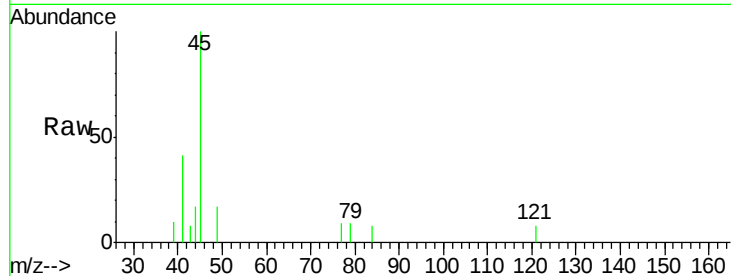




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.864 ng
RT: 8.90 min Scan# 904
Delta R.T. 0.01 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

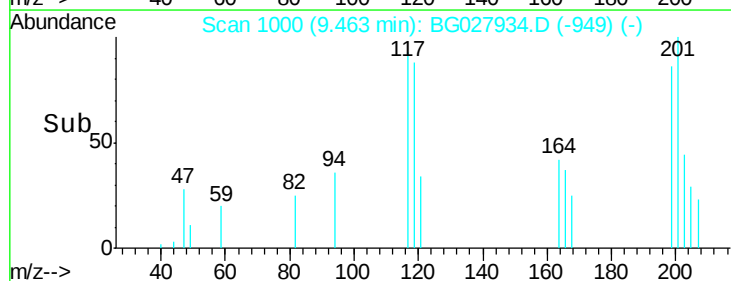
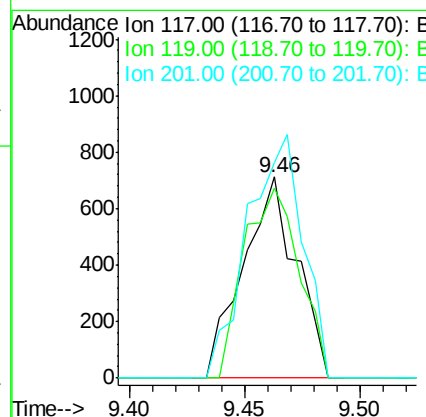
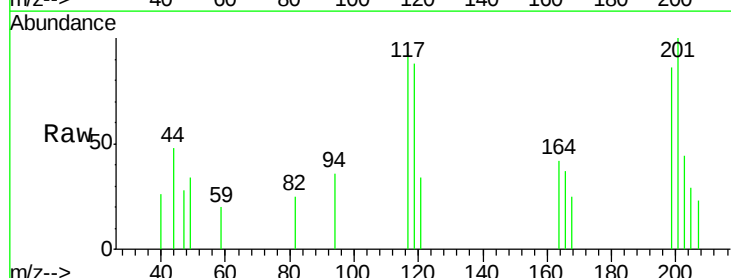
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

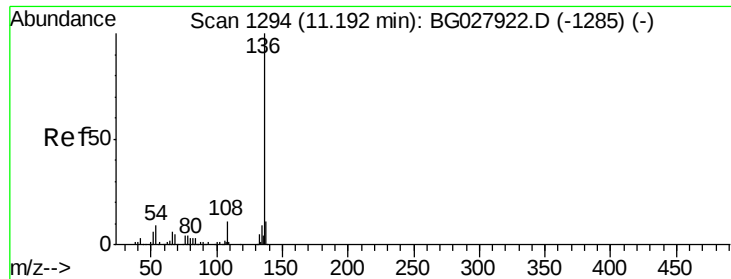
Tgt Ion: 45 Resp: 5412
Ion Ratio Lower Upper
45 100
77 8.6 0.0 30.6
79 8.9 0.0 28.5



#18
Hexachloroethane
Concen: 0.903 ng
RT: 9.46 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion: 117 Resp: 1142
Ion Ratio Lower Upper
117 100
119 94.4 69.8 104.6
201 107.2 95.4 143.0

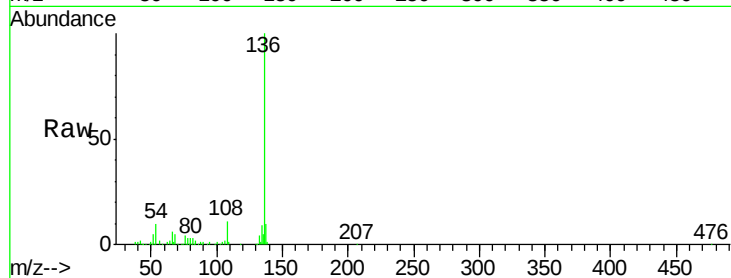




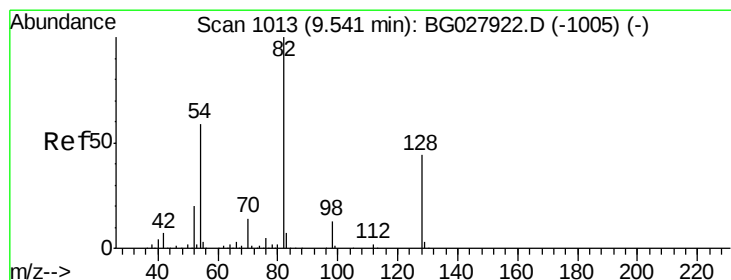
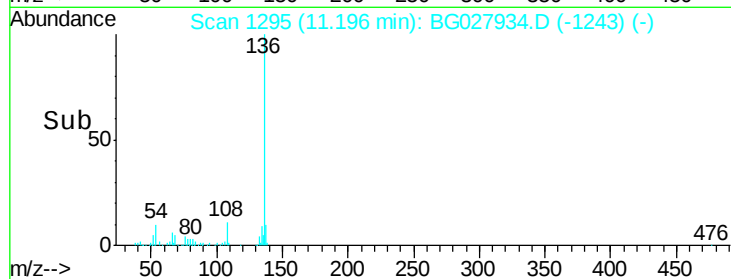
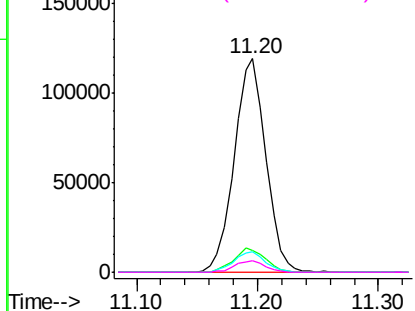
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.20 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion:	136	Resp:	216476
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	9.6	9.3	13.9
68	5.2	5.1	7.7

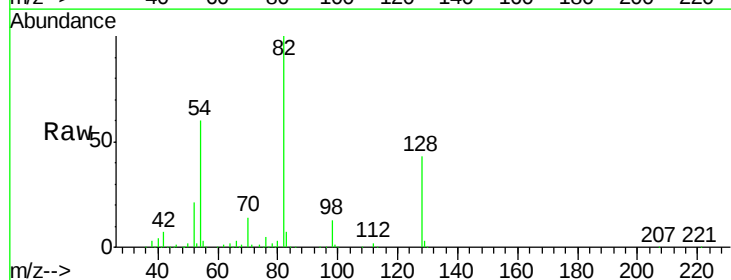


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

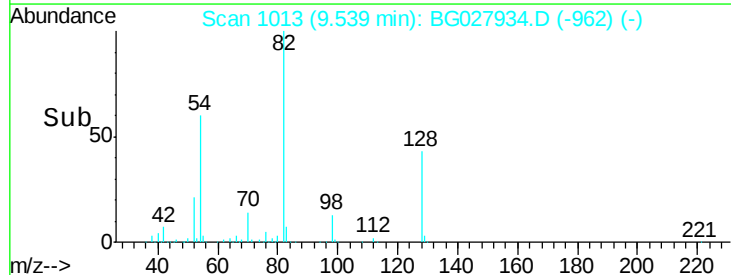
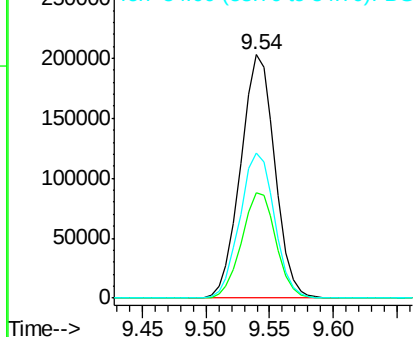


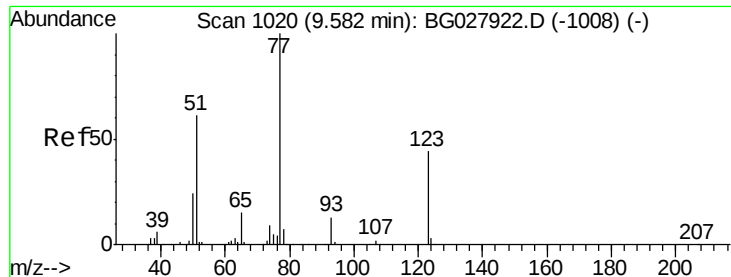
#23
Nitrobenzene-d5
Concen: 98.154 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion:	82	Resp:	380278
Ion	Ratio	Lower	Upper
82	100		
128	43.2	26.4	39.6#
54	59.8	49.4	74.2



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

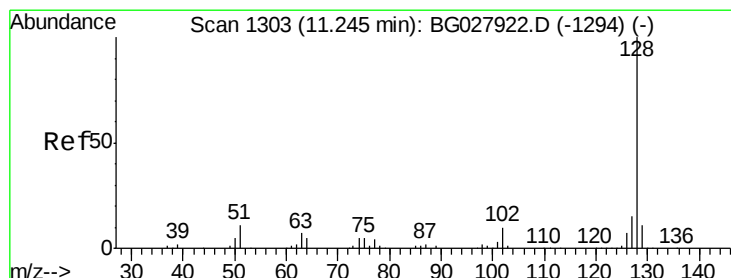
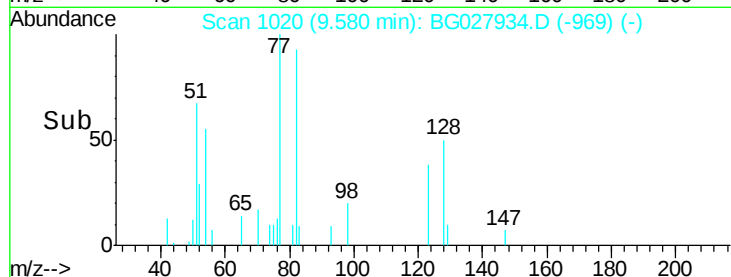
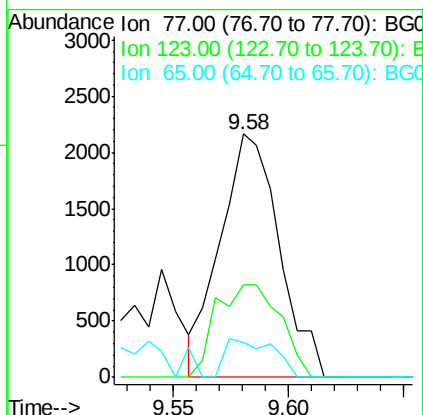
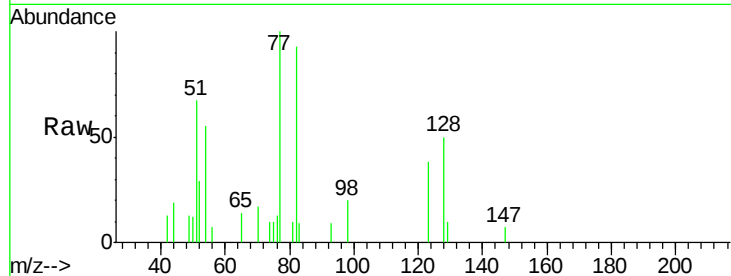




#24
Nitrobenzene
Concen: 0.943 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

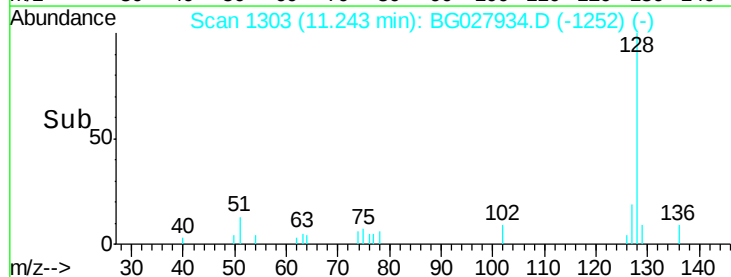
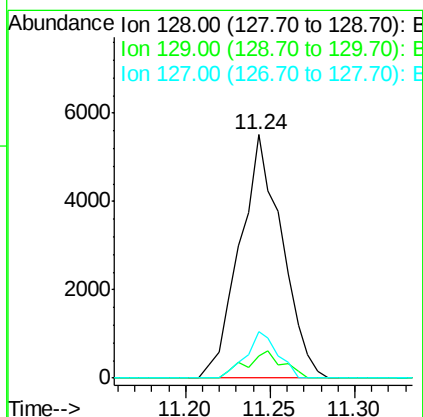
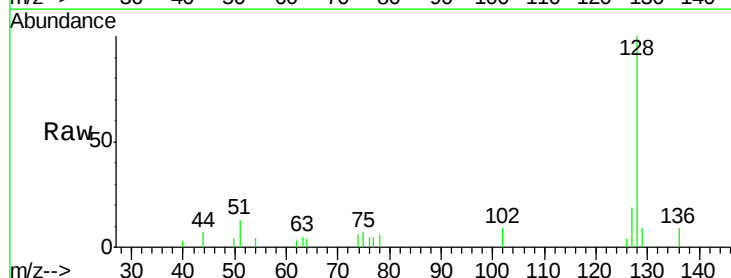
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

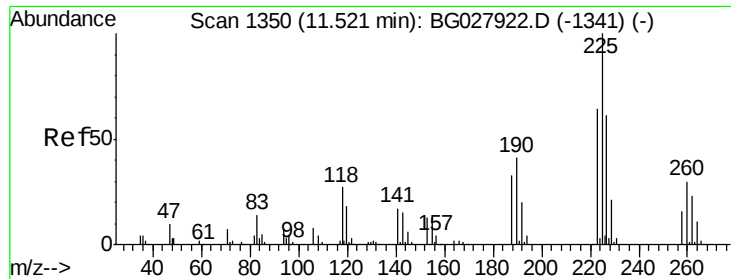
Tgt Ion: 77 Resp: 3841
Ion Ratio Lower Upper
77 100
123 38.2 26.1 39.1
65 14.4 12.4 18.6



#31
Naphthalene
Concen: 0.888 ng
RT: 11.24 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion: 128 Resp: 9581
Ion Ratio Lower Upper
128 100
129 9.1 9.3 13.9#
127 19.1 11.4 17.0#





#34

Hexachlorobutadiene

Concen: 0.889 ng

RT: 11.52 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

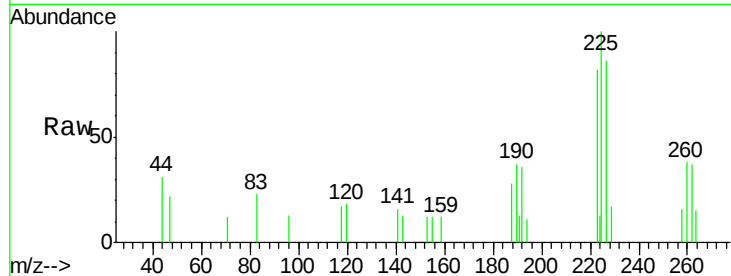
Tgt Ion: 225 Resp: 2584

Ion Ratio Lower Upper

225 100

223 81.6 50.7 76.1#

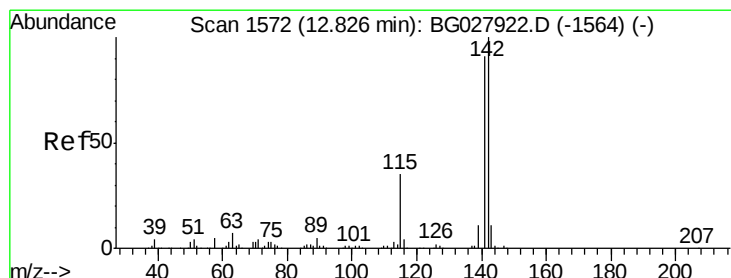
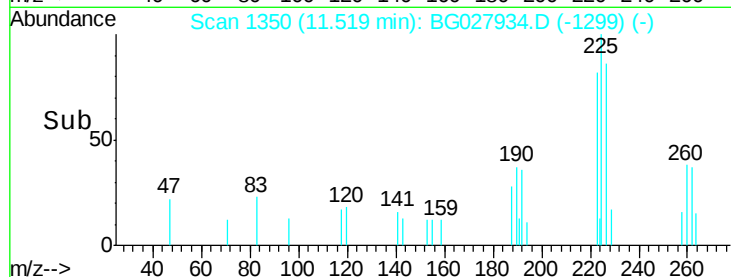
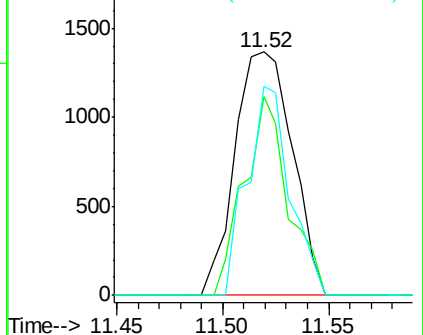
227 86.0 49.0 73.6#



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



#37

2-Methylnaphthalene

Concen: 0.880 ng m

RT: 12.82 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

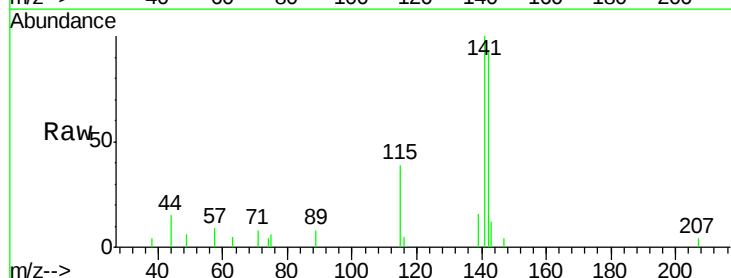
Tgt Ion: 142 Resp: 7249

Ion Ratio Lower Upper

142 100

141 107.9 70.4 105.6#

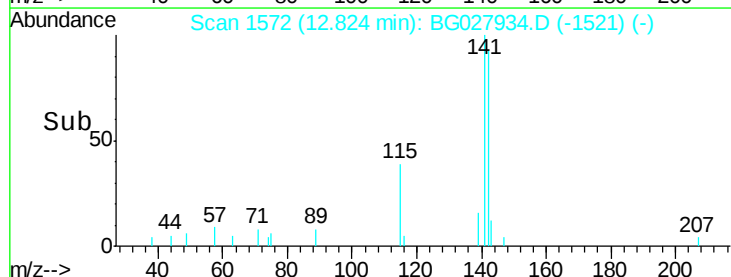
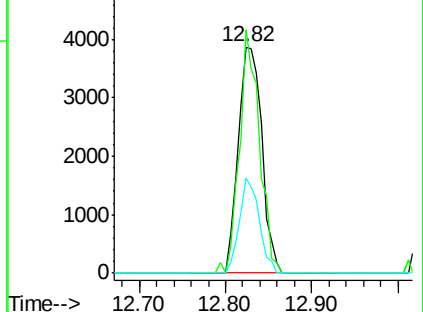
115 42.4 35.5 53.3

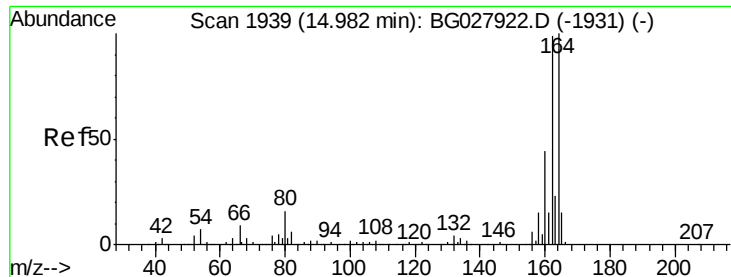


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.98 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

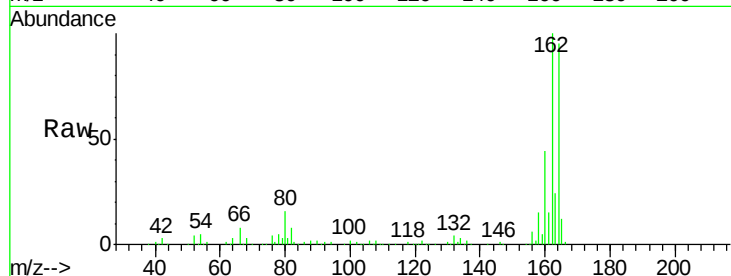
Tgt Ion:164 Resp: 155556

Ion Ratio Lower Upper

164 100

162 105.3 85.1 127.7

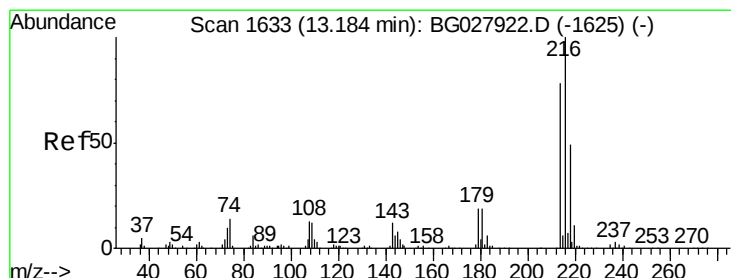
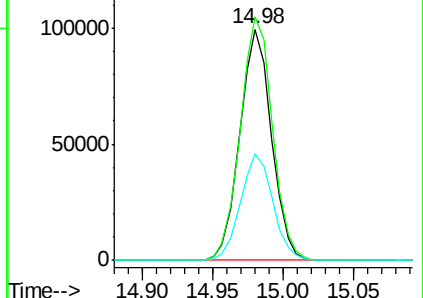
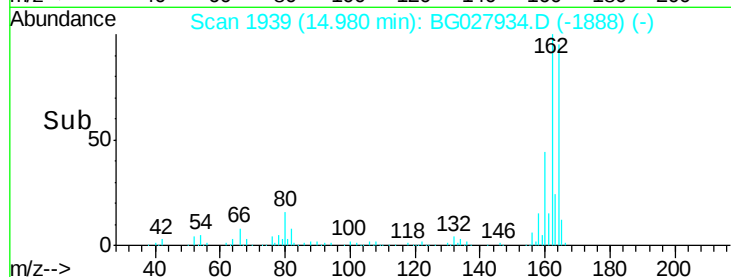
160 46.2 34.7 52.1



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: 0.858 ng

RT: 13.19 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Tgt Ion:216 Resp: 5275

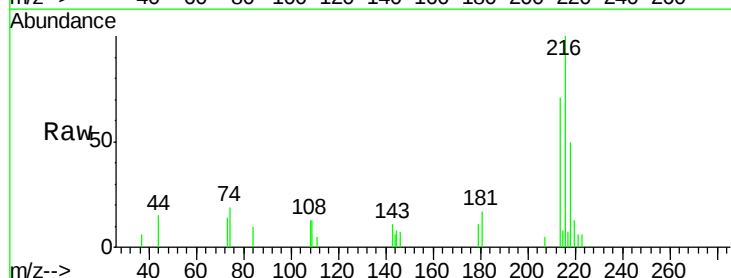
Ion Ratio Lower Upper

216 100

214 71.0 64.4 96.6

179 17.0 17.4 26.0#

108 12.3 15.6 23.4#

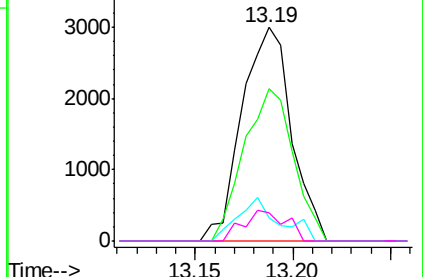
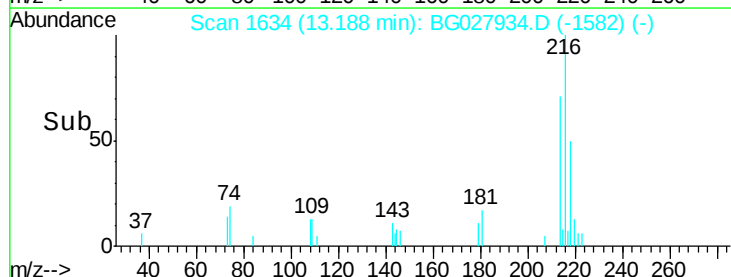


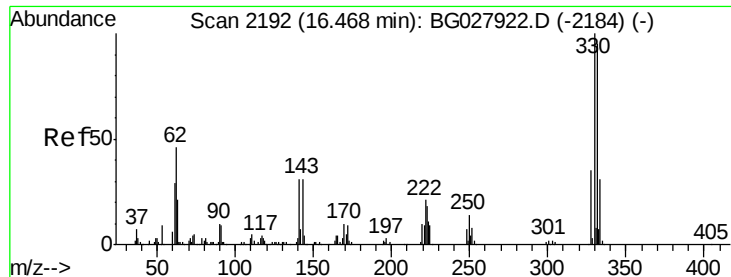
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

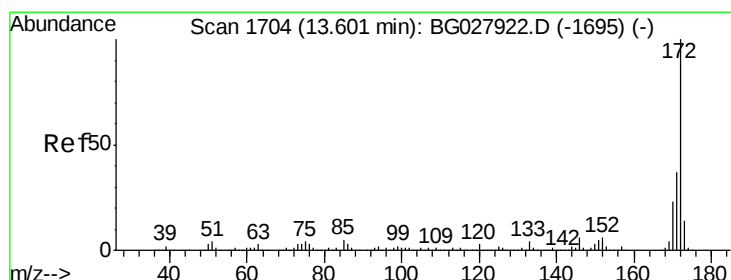
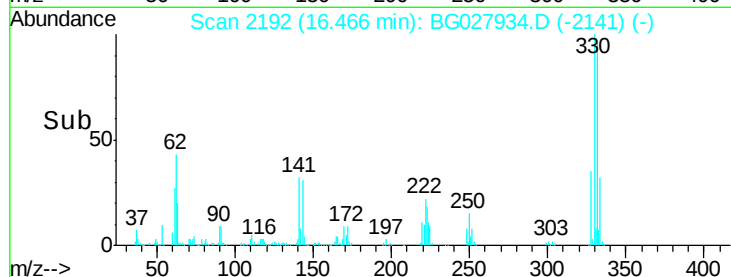
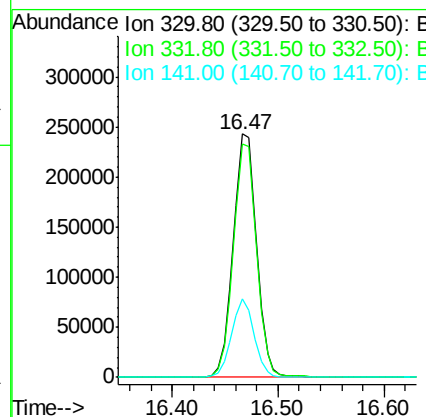
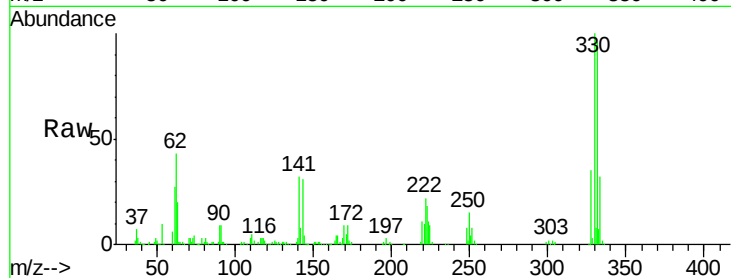




#41
 2,4,6-Tribromophenol
 Concen: 160.474 ng
 RT: 16.47 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

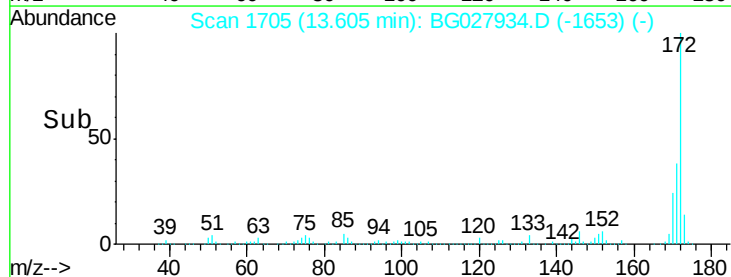
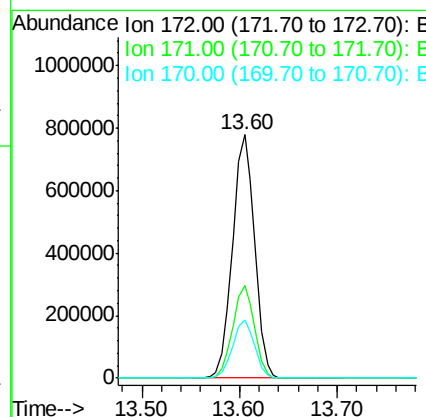
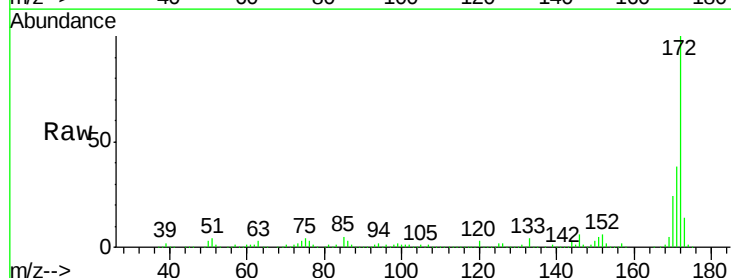
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

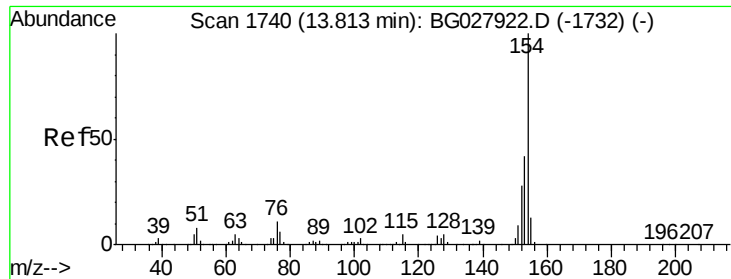
Tgt Ion:330 Resp: 369940
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 31.0 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 103.282 ng
 RT: 13.60 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion:172 Resp: 1218230
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.2 48.2
 170 24.0 21.8 32.6

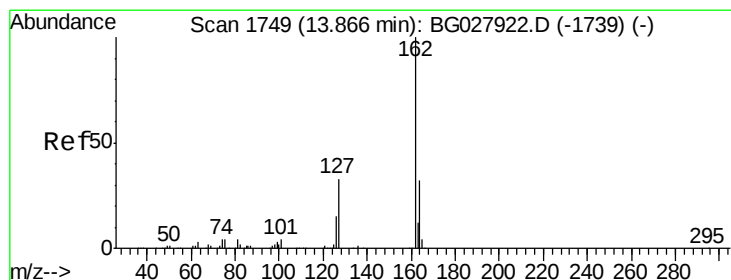
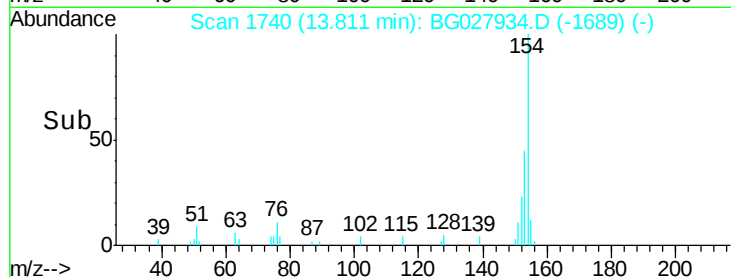
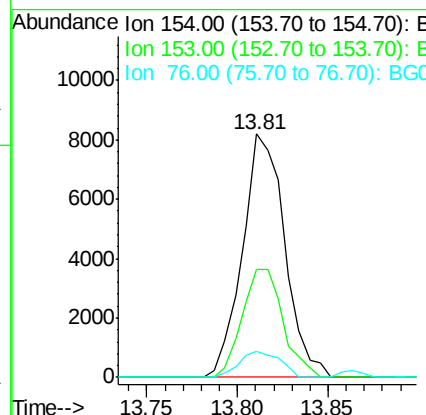
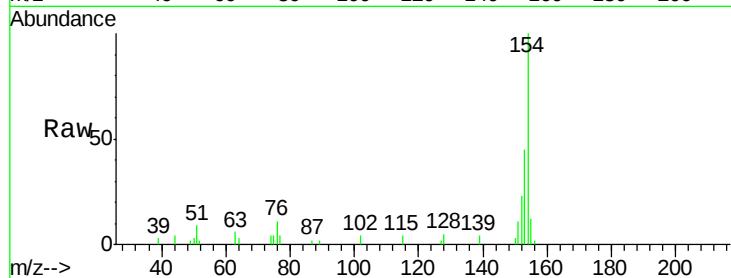




#45
 1,1'-Biphenyl
 Concen: 0.997 ng
 RT: 13.81 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

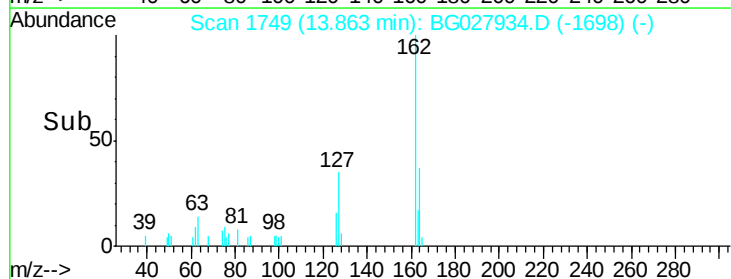
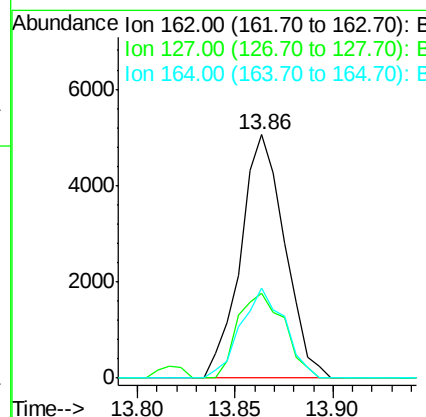
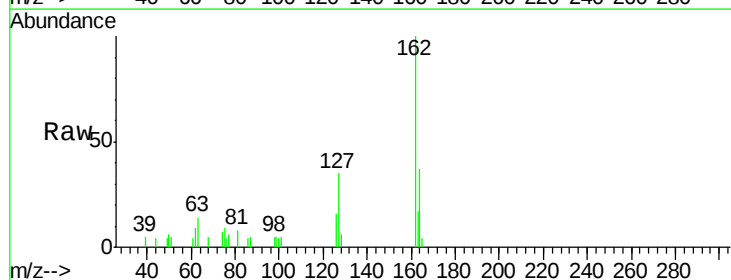
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

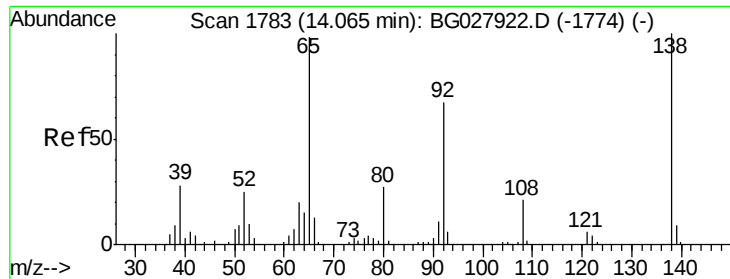
Tgt Ion:	154	Resp:	13331
Ion	Ratio	Lower	Upper
154	100		
153	44.5	23.0	63.0
76	10.8	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 0.813 ng
 RT: 13.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion:	162	Resp:	7910
Ion	Ratio	Lower	Upper
162	100		
127	34.8	32.2	48.4
164	36.9	27.3	40.9

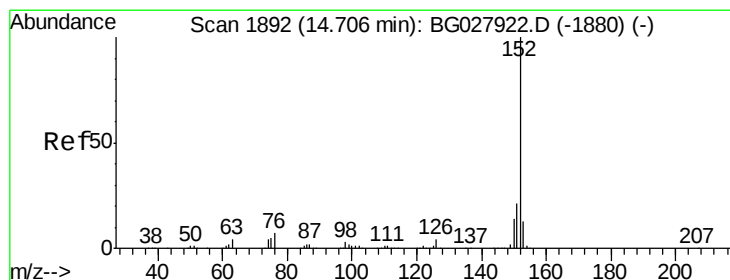
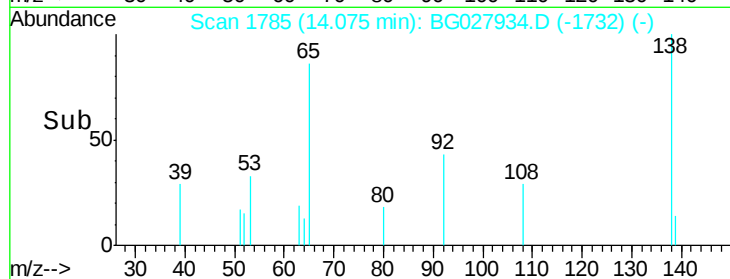
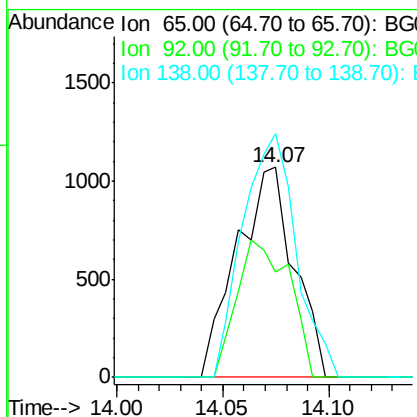
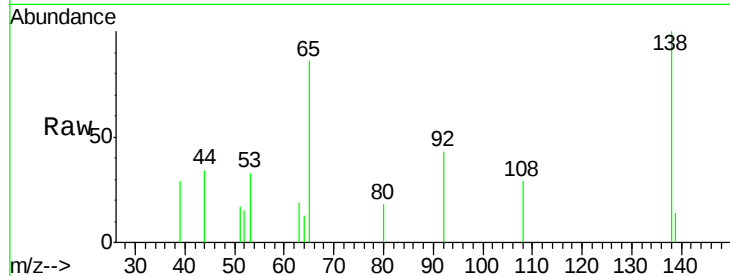




#47
 2-Nitroaniline
 Concen: 0.694 ng
 RT: 14.07 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

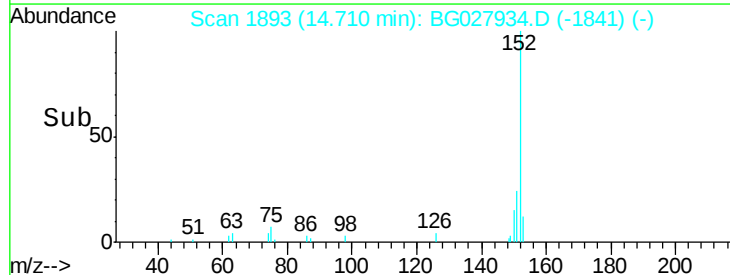
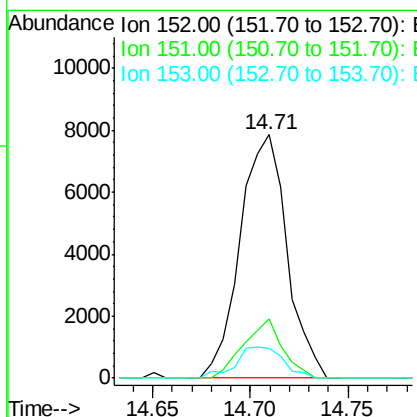
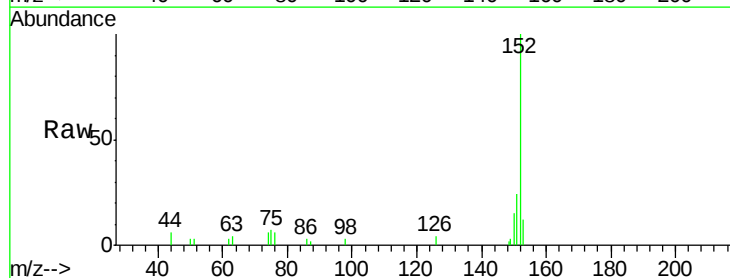
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

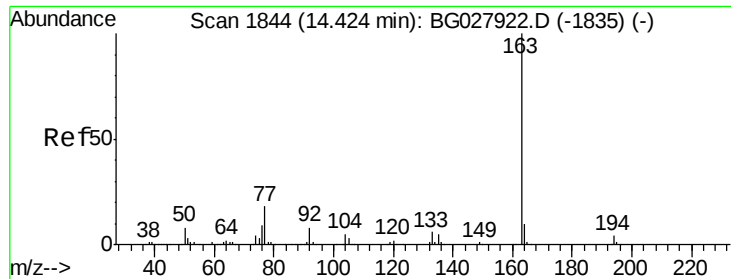
Tgt Ion: 65 Resp: 2019
 Ion Ratio Lower Upper
 65 100
 92 50.1 49.0 73.4
 138 115.9 58.6 87.8#



#48
 Acenaphthylene
 Concen: 0.840 ng
 RT: 14.71 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion: 152 Resp: 13009
 Ion Ratio Lower Upper
 152 100
 151 24.4 18.2 27.2
 153 12.0 11.3 16.9





#49

Dimethylphthalate

Concen: 0.874 ng

RT: 14.42 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

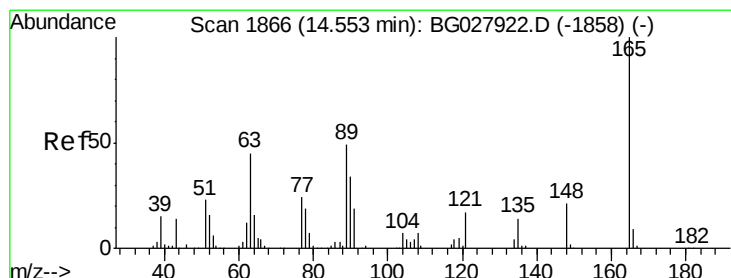
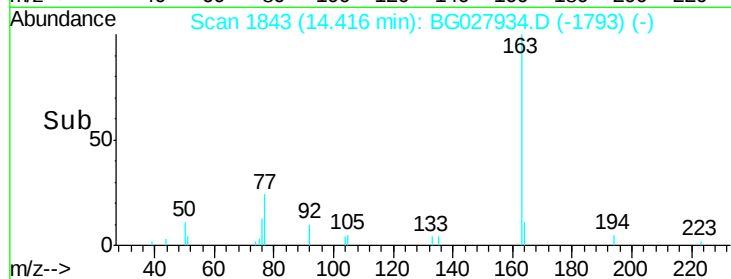
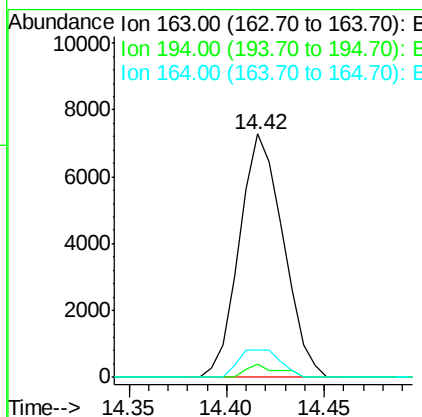
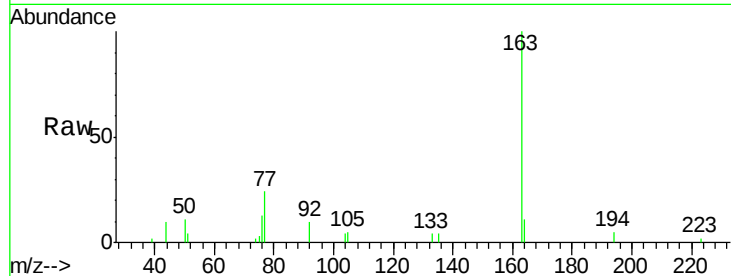
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion:	163	Resp:	11347
Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.8	5.6
164	11.4	9.3	13.9



#50

2,6-Dinitrotoluene

Concen: 0.715 ng

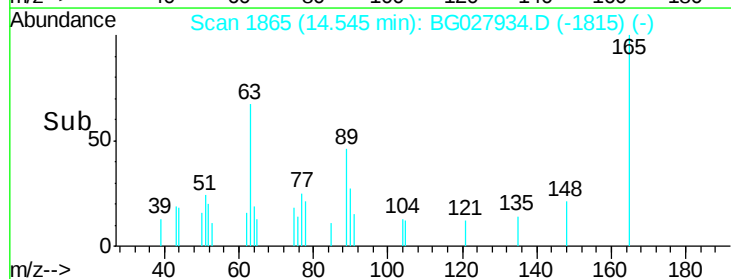
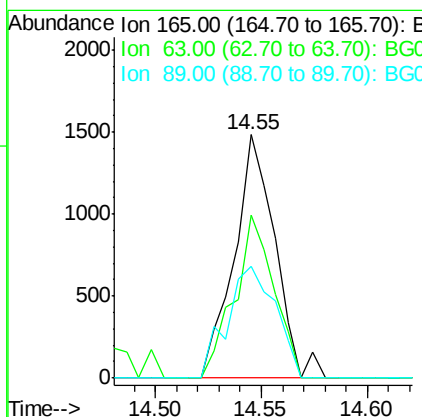
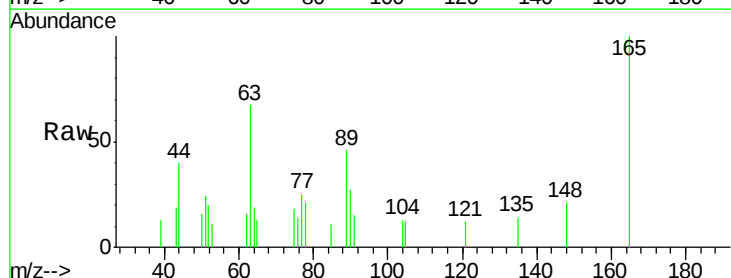
RT: 14.55 min Scan# 1865

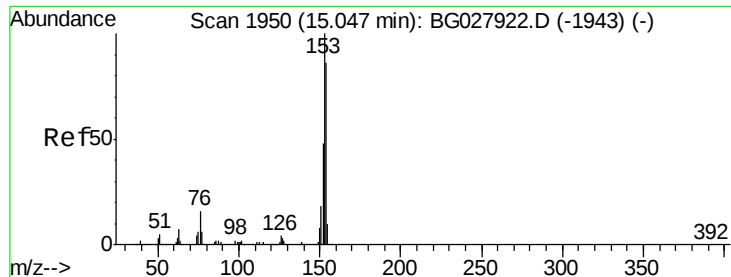
Delta R.T. -0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Tgt Ion:	165	Resp:	1984
Ion	Ratio	Lower	Upper
165	100		
63	67.0	63.9	95.9
89	46.0	58.6	88.0#





#51

Acenaphthene

Concen: 0.846 ng

RT: 15.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

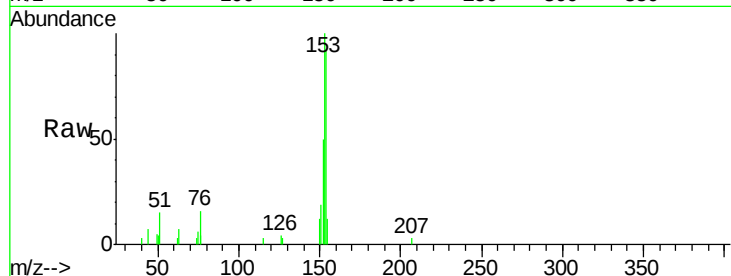
Tgt Ion:154 Resp: 8219

Ion Ratio Lower Upper

154 100

153 108.2 87.8 131.6

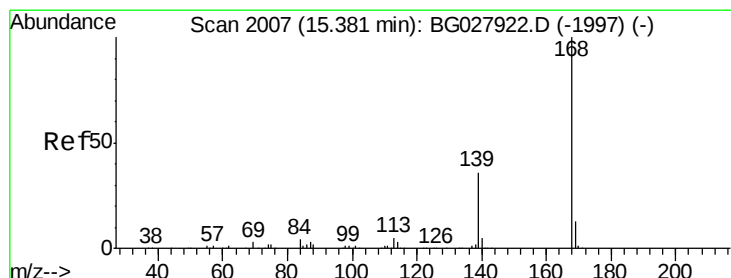
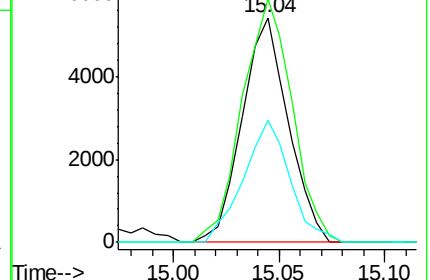
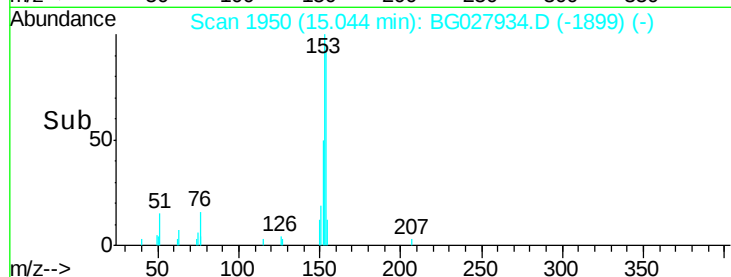
152 54.0 42.2 63.4



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



#54

Dibenzofuran

Concen: 0.909 ng

RT: 15.37 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

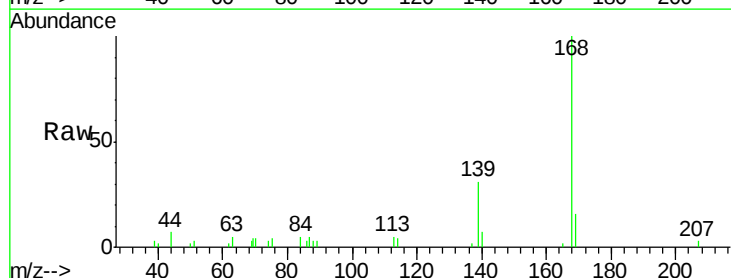
Tgt Ion:168 Resp: 13505

Ion Ratio Lower Upper

168 100

139 31.1 35.3 52.9#

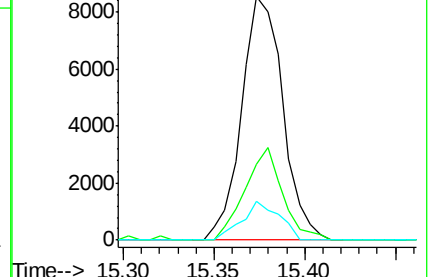
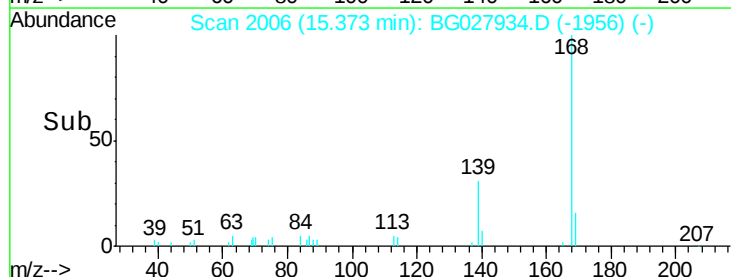
169 15.9 11.5 17.3

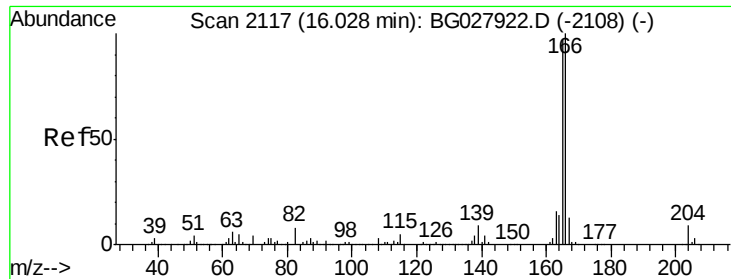


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 0.913 ng

RT: 16.03 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

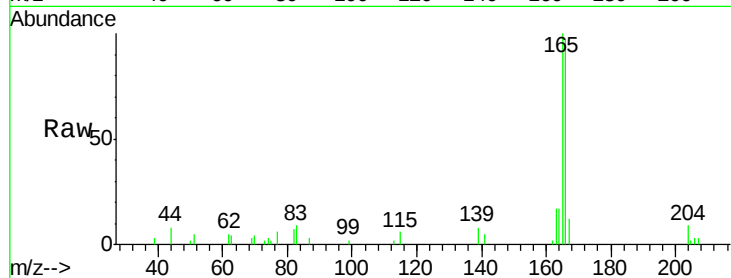
Tgt Ion:166 Resp: 12121

Ion Ratio Lower Upper

166 100

165 102.6 78.6 117.8

167 12.2 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10000

8000

6000

4000

2000

0

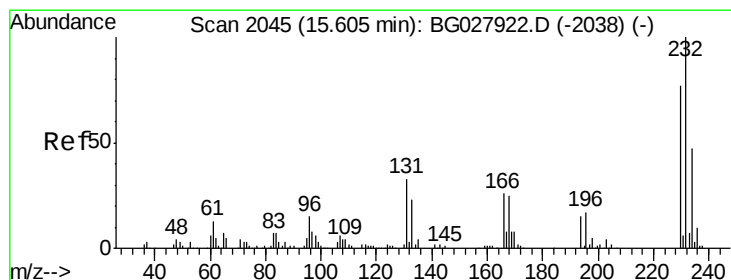
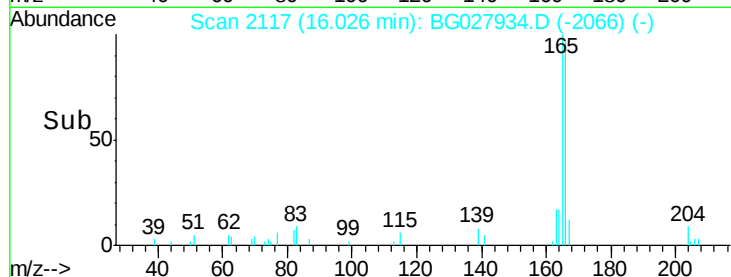
16.03

15.95

16.00

16.05

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.681 ng

RT: 15.61 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Tgt Ion:232 Resp: 2376

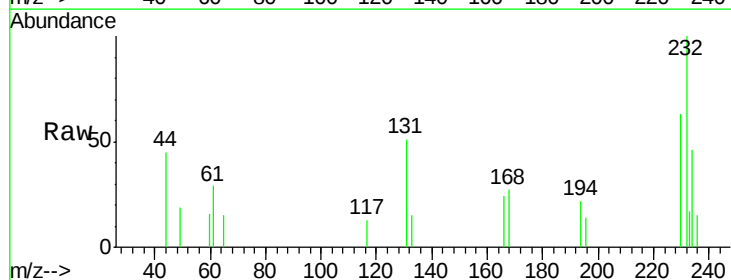
Ion Ratio Lower Upper

232 100

131 32.3 34.9 52.3#

130 0.0 2.3 3.5#

166 23.1 24.2 36.4#



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

1500

1000

500

0

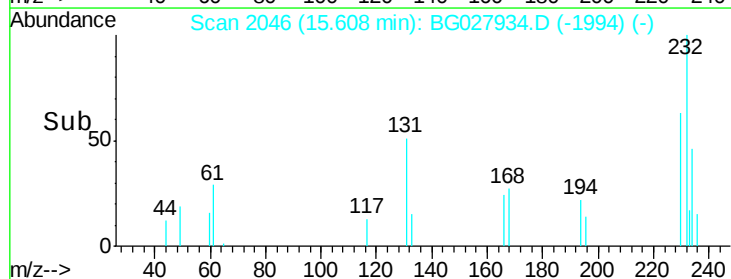
15.61

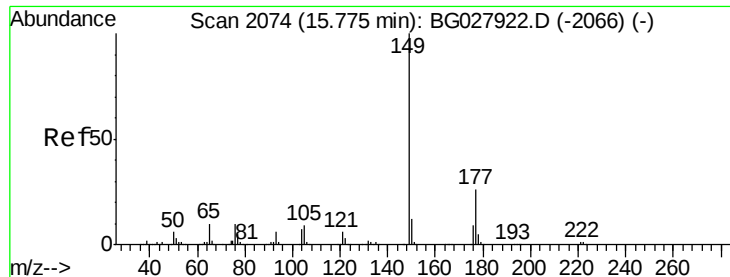
15.55

15.60

15.65

Time-->

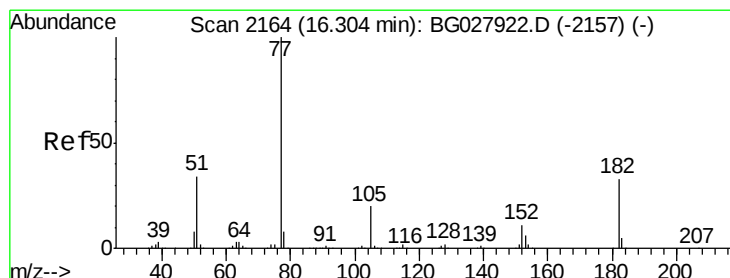
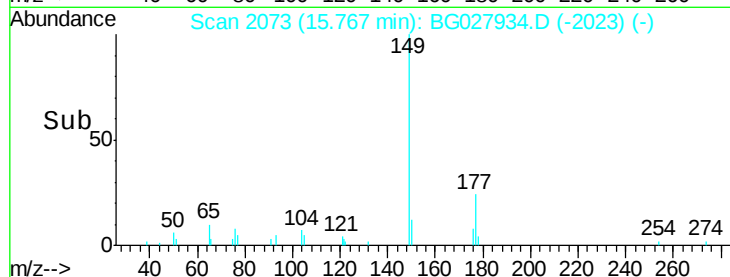
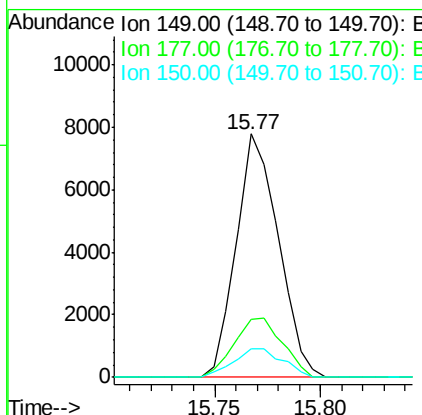
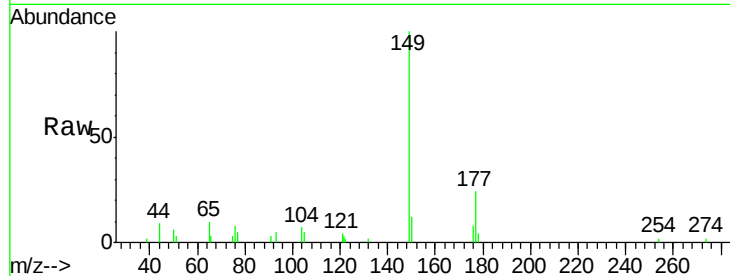




#59
Diethylphthalate
Concen: 0.856 ng
RT: 15.77 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

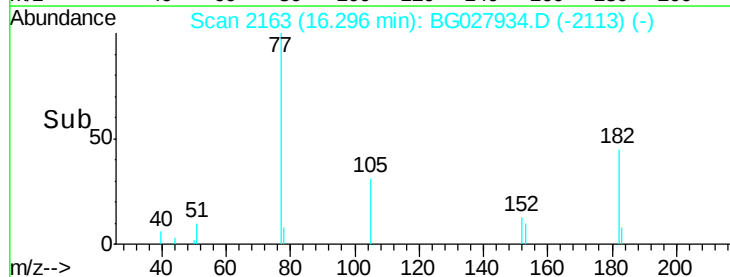
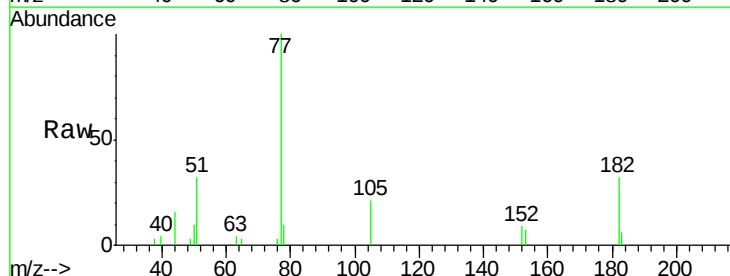
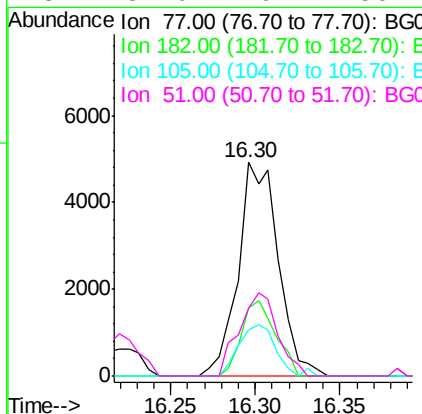
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

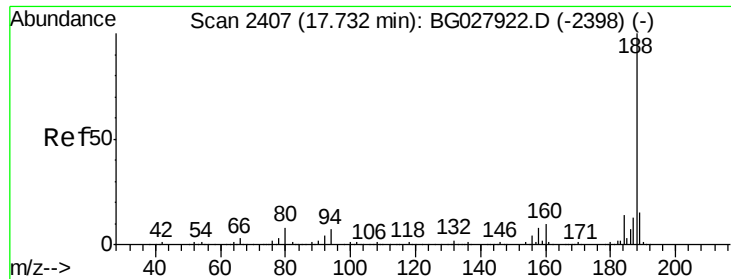
Tgt Ion: 149 Resp: 10780
Ion Ratio Lower Upper
149 100
177 24.0 20.1 30.1
150 11.5 10.2 15.2



#62
Azobenzene
Concen: 0.820 ng
RT: 16.30 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion: 77 Resp: 8095
Ion Ratio Lower Upper
77 100
182 31.6 4.7 44.7
105 21.4 0.0 36.3
51 32.0 16.4 56.4

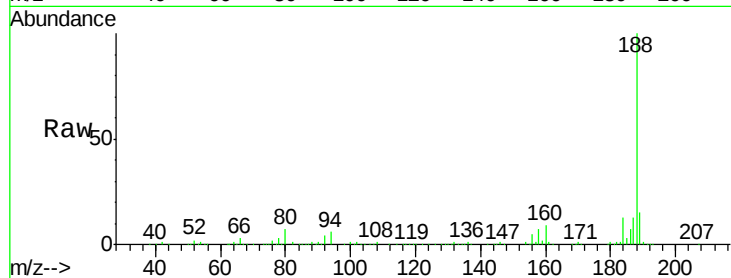




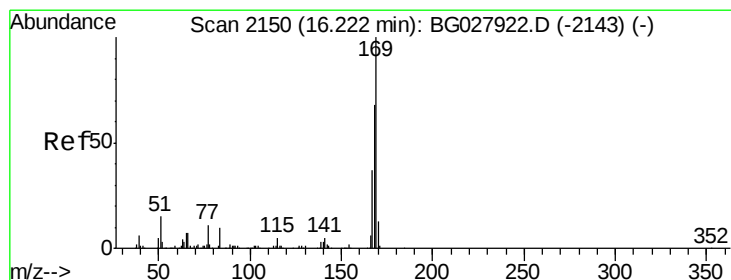
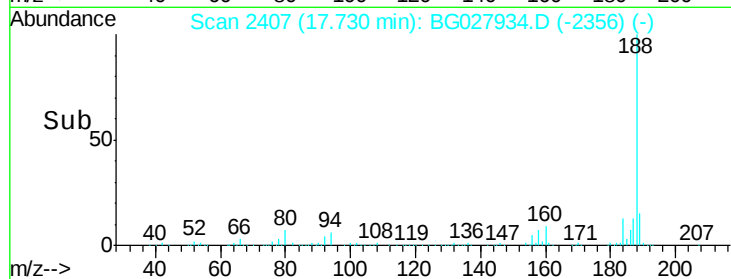
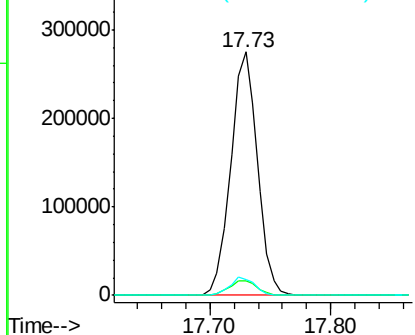
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion:188 Resp: 421971
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 6.7 7.5 11.3#

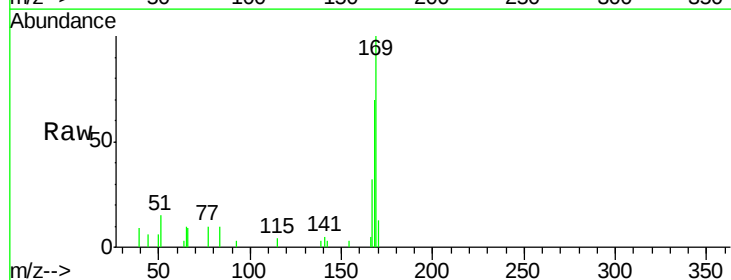


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

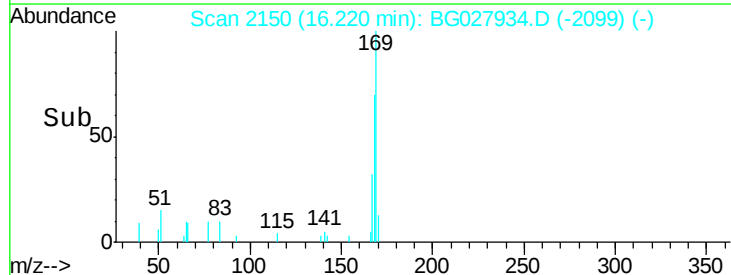
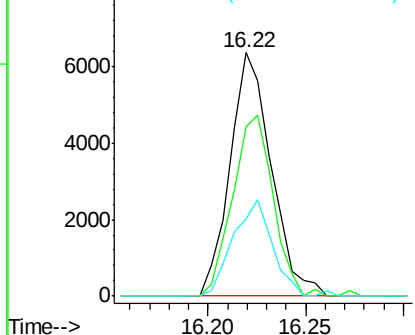


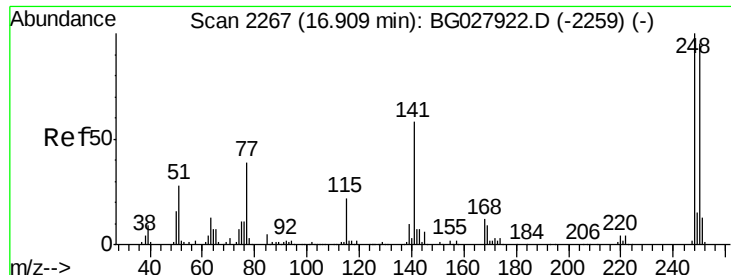
#65
n-Nitrosodiphenylamine
Concen: 0.756 ng
RT: 16.22 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion:169 Resp: 9309
Ion Ratio Lower Upper
169 100
168 69.7 55.7 83.5
167 31.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

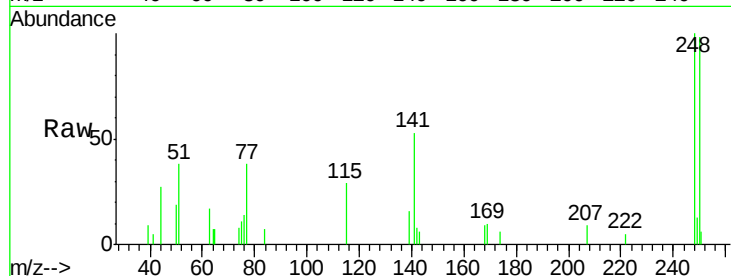




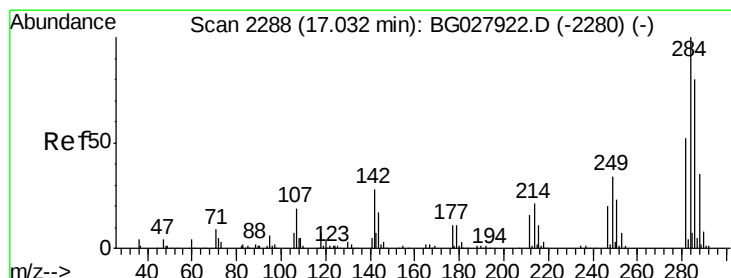
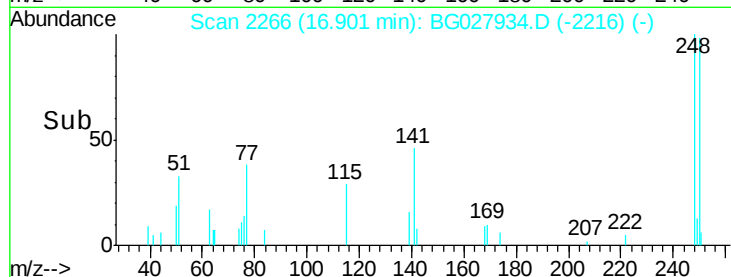
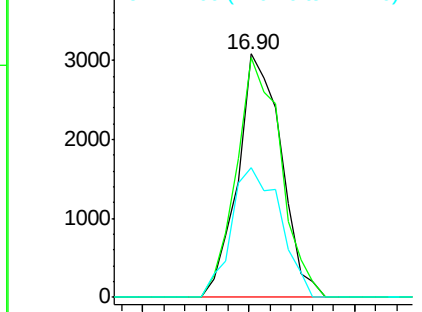
#66
 4-Bromophenyl-phenylether
 Concen: 0.833 ng
 RT: 16.90 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion: 248 Resp: 4387
 Ion Ratio Lower Upper
 248 100
 250 98.5 75.0 112.6
 141 53.4 55.2 82.8#

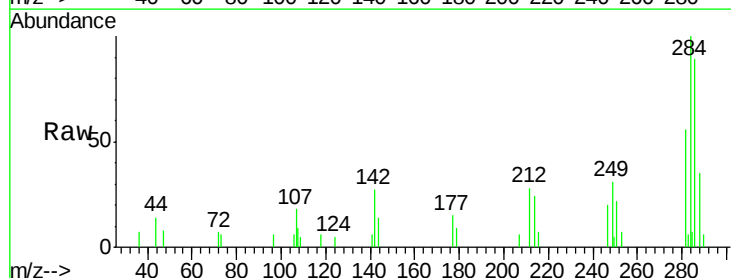


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

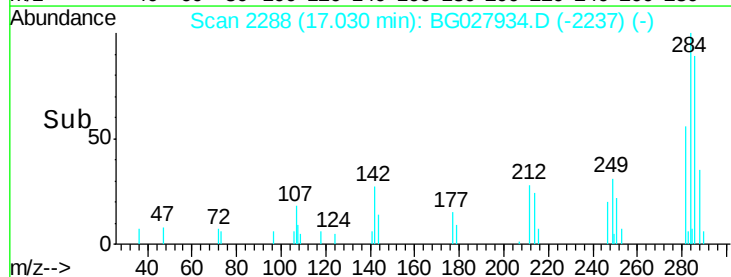
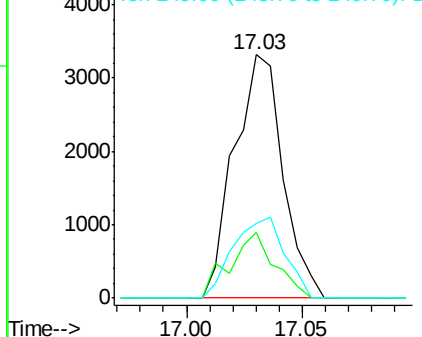


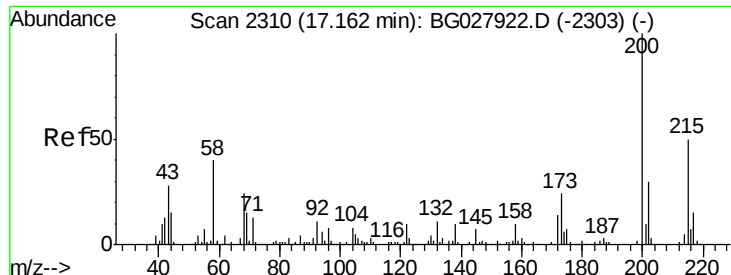
#67
 Hexachlorobenzene
 Concen: 0.844 ng
 RT: 17.03 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion: 284 Resp: 4844
 Ion Ratio Lower Upper
 284 100
 142 27.0 29.9 44.9#
 249 35.5 29.2 43.8



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

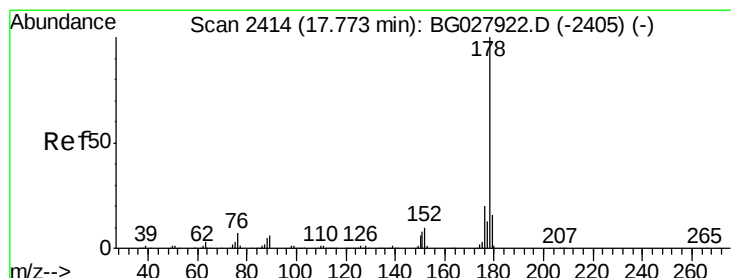
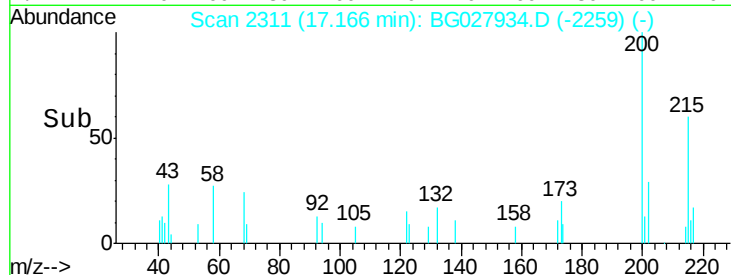
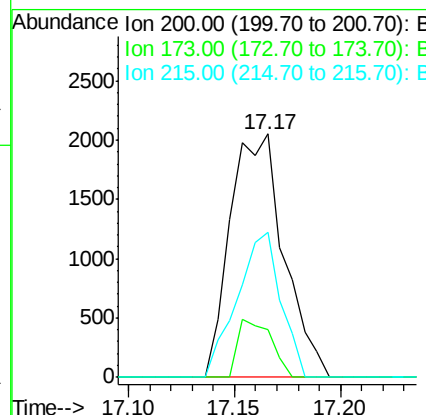
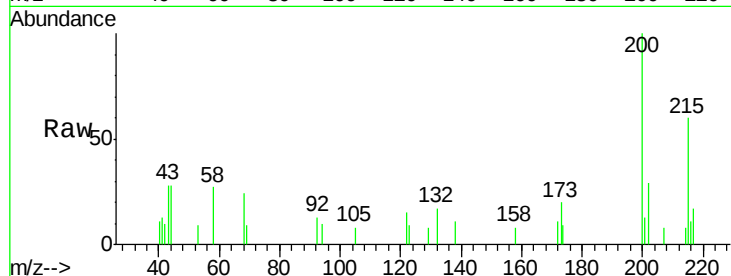




#68
 Atrazine
 Concen: 0.765 ng
 RT: 17.17 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

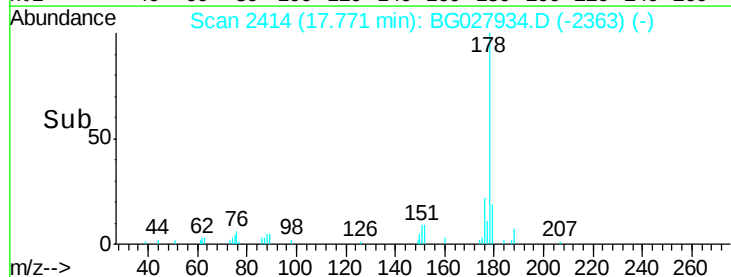
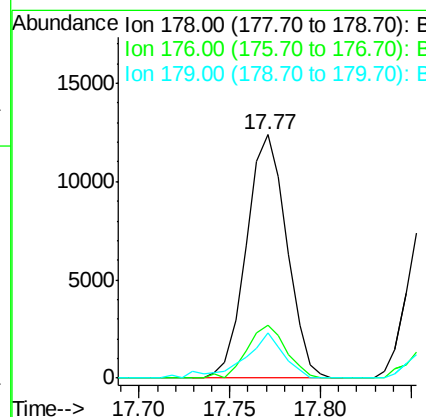
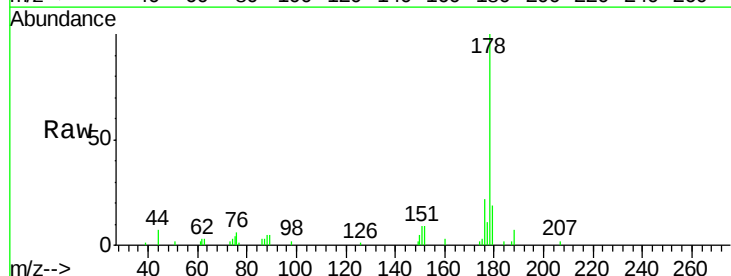
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

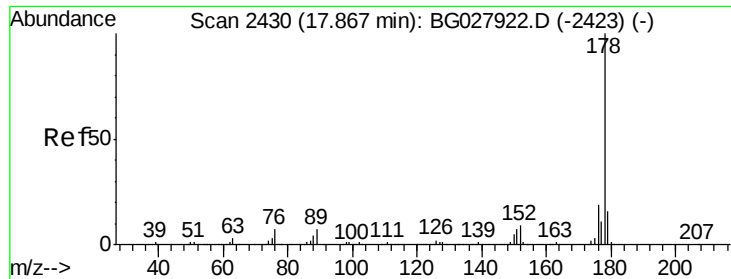
Tgt Ion:200 Resp: 3613
 Ion Ratio Lower Upper
 200 100
 173 19.7 3.0 43.0
 215 59.5 28.4 68.4



#70
 Phenanthrene
 Concen: 0.868 ng
 RT: 17.77 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion:178 Resp: 19150
 Ion Ratio Lower Upper
 178 100
 176 21.7 17.7 26.5
 179 18.6 15.0 22.6

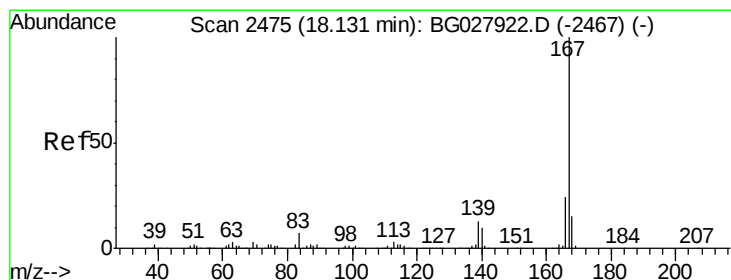
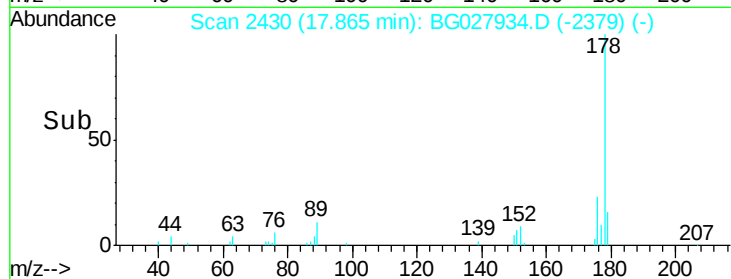
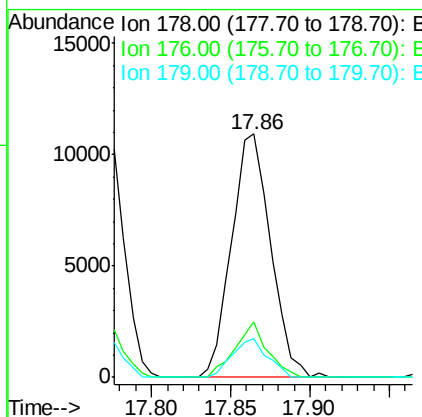
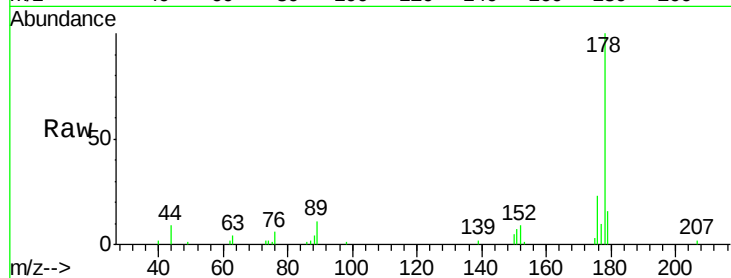




#71
 Anthracene
 Concen: 0.850 ng
 RT: 17.86 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

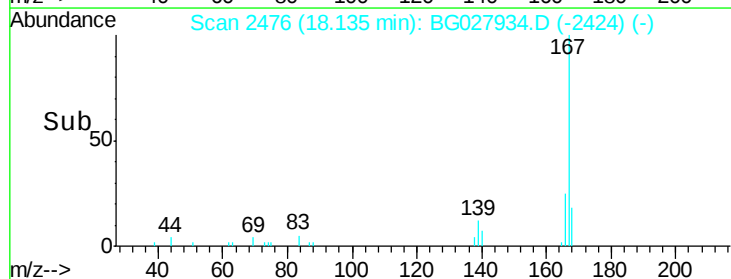
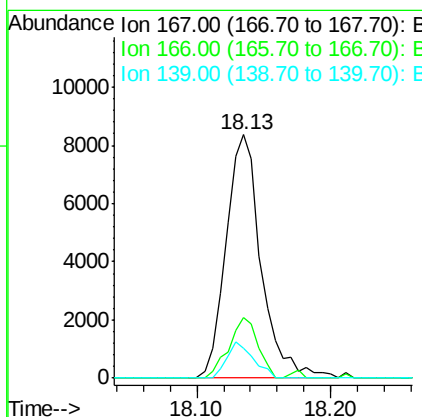
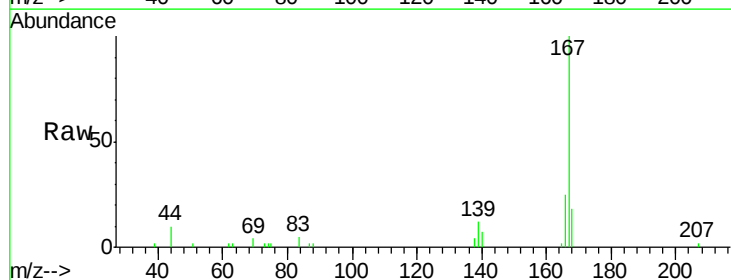
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

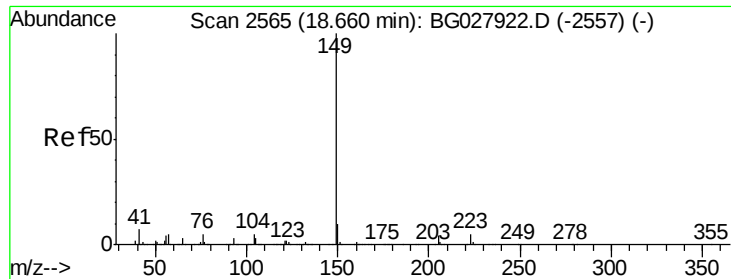
Tgt Ion:178 Resp: 18695
 Ion Ratio Lower Upper
 178 100
 176 22.6 16.4 24.6
 179 15.7 13.8 20.8



#72
 Carbazole
 Concen: 0.776 ng
 RT: 18.13 min Scan# 2476
 Delta R.T. 0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion:167 Resp: 15347
 Ion Ratio Lower Upper
 167 100
 166 24.8 20.2 30.2
 139 12.0 12.8 19.2#

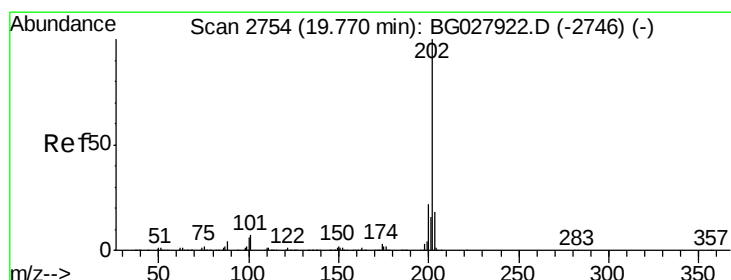
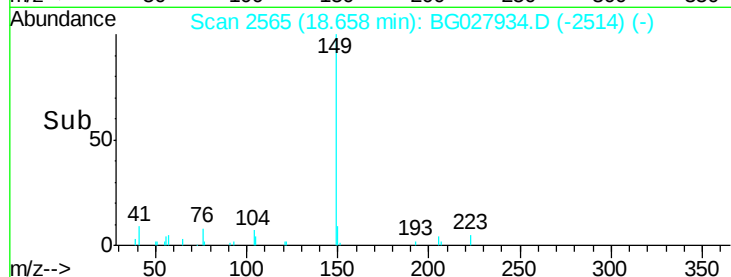
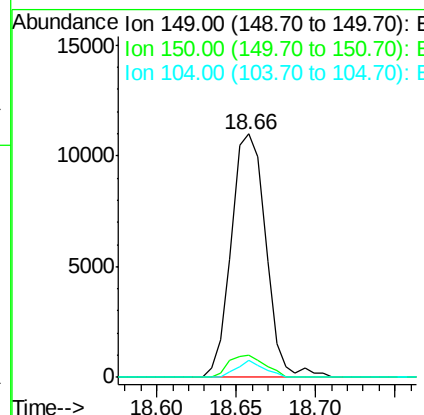
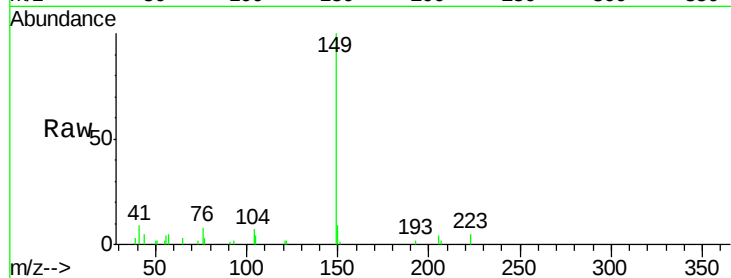




#73
Di-n-butylphthalate
Concen: 0.763 ng
RT: 18.66 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

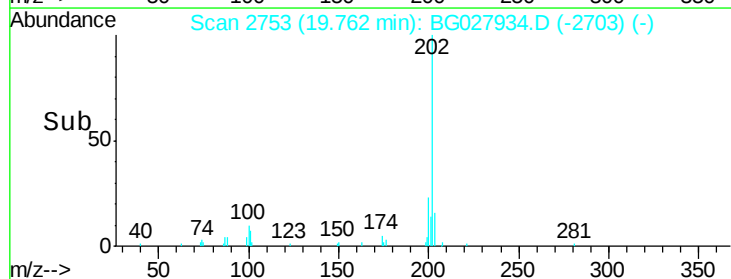
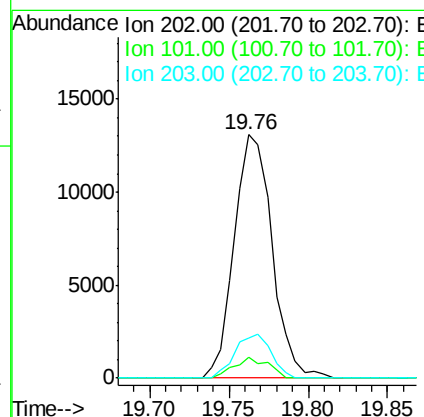
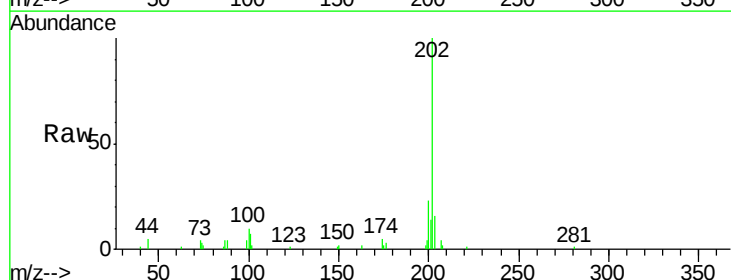
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

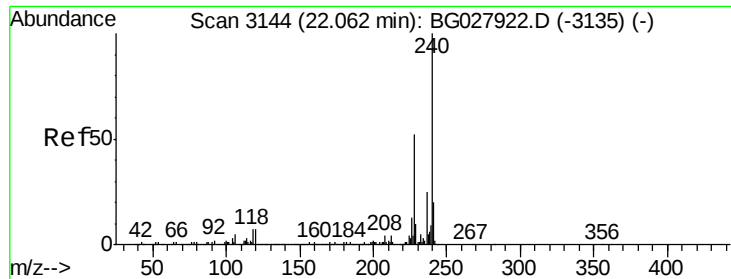
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	9.1	13.7
104	6.8	6.7	10.1



#74
Fluoranthene
Concen: 0.818 ng
RT: 19.76 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.1
203	16.3	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.06 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

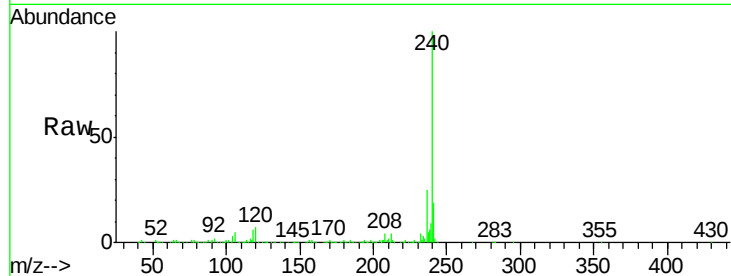
Tgt Ion:240 Resp: 507517

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

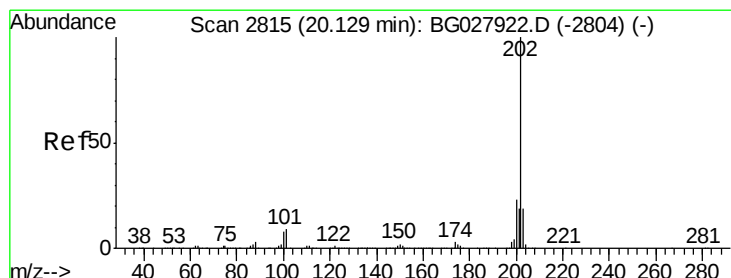
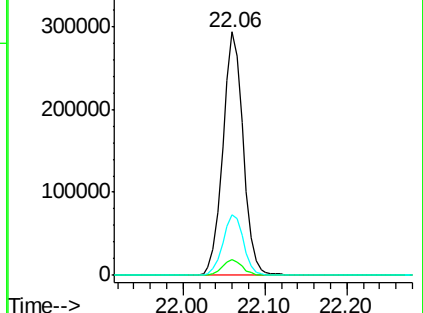
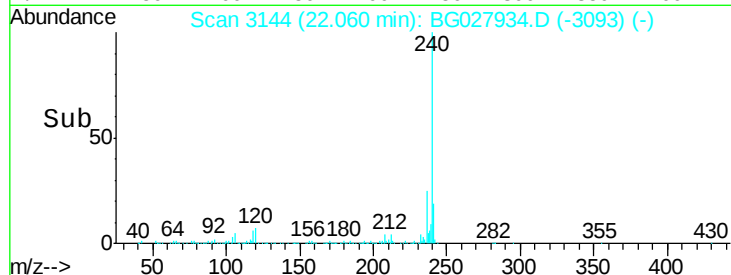
236 24.7 22.2 33.4



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



#77

Pyrene

Concen: 0.845 ng

RT: 20.13 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

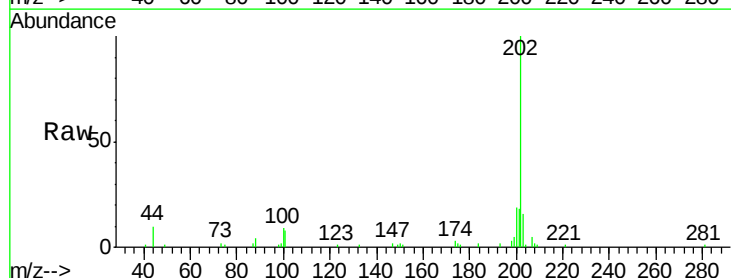
Tgt Ion:202 Resp: 22926

Ion Ratio Lower Upper

202 100

200 18.8 19.6 29.4#

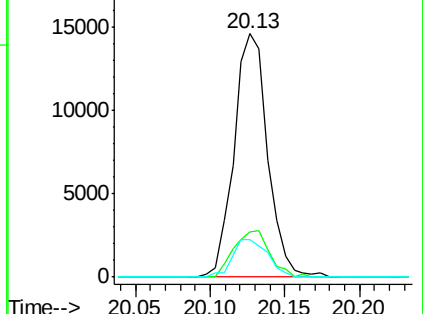
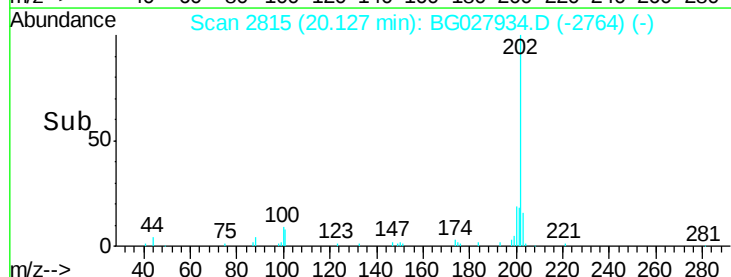
203 15.6 15.8 23.8#

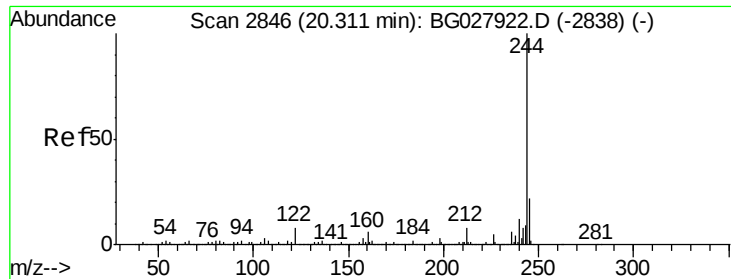


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.795 ng

RT: 20.31 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

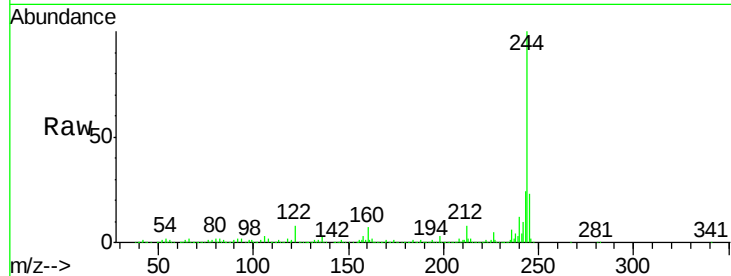
Tgt Ion:244 Resp: 2060427

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

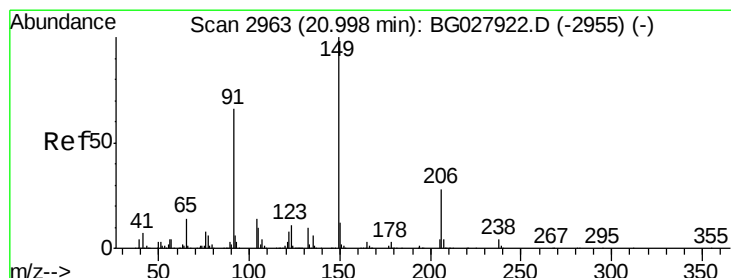
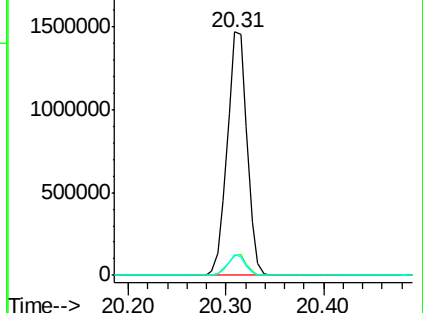
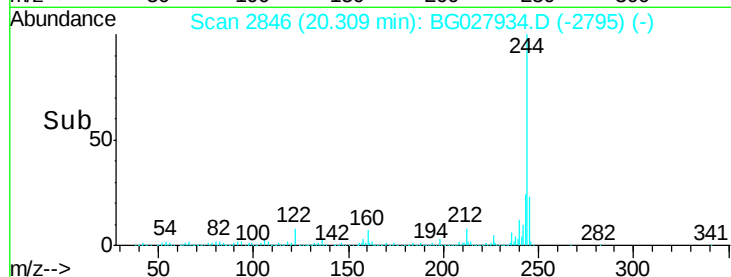
122 8.3 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.640 ng

RT: 21.00 min Scan# 2963

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

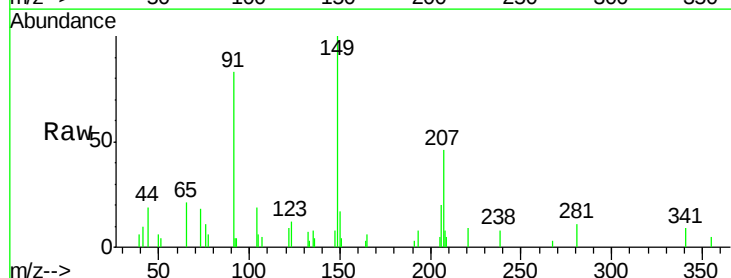
Tgt Ion:149 Resp: 6239

Ion Ratio Lower Upper

149 100

91 82.5 63.5 95.3

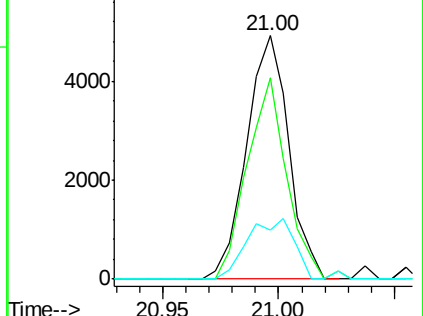
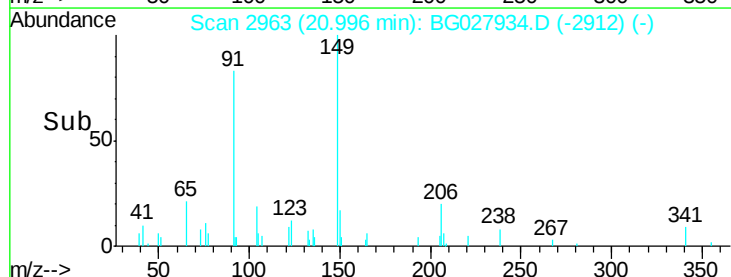
206 20.4 21.0 31.6#

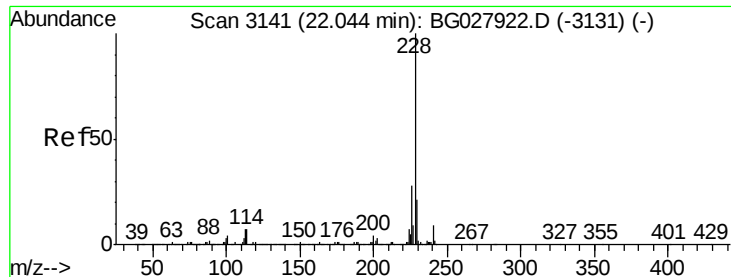


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.905 ng

RT: 22.04 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

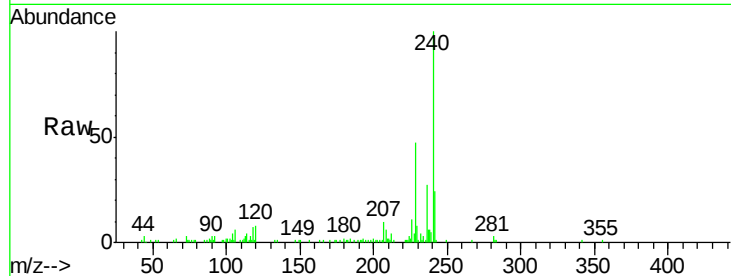
Tgt Ion:228 Resp: 25244

Ion Ratio Lower Upper

228 100

226 22.5 24.9 37.3#

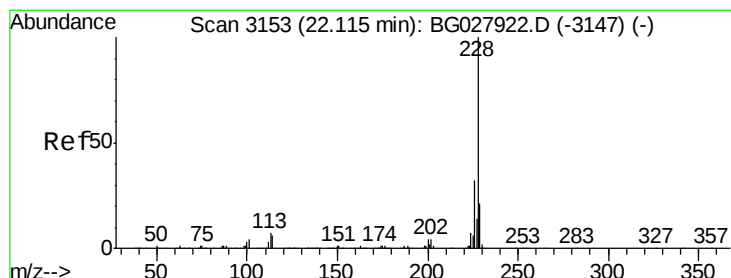
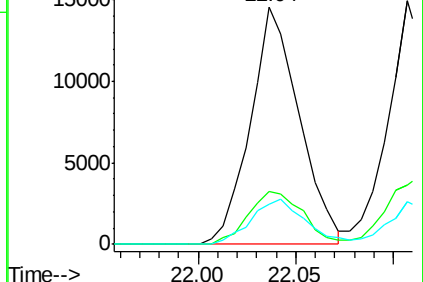
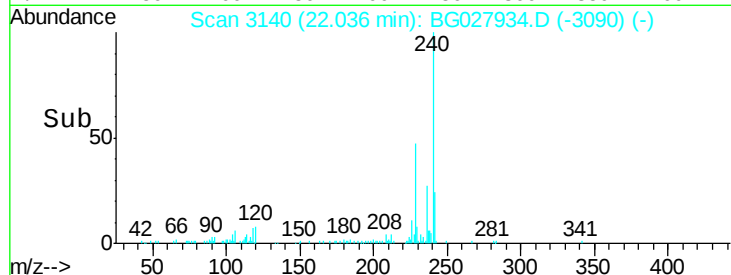
229 16.6 18.2 27.2#



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



#82

Chrysene

Concen: 0.958 ng

RT: 22.11 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

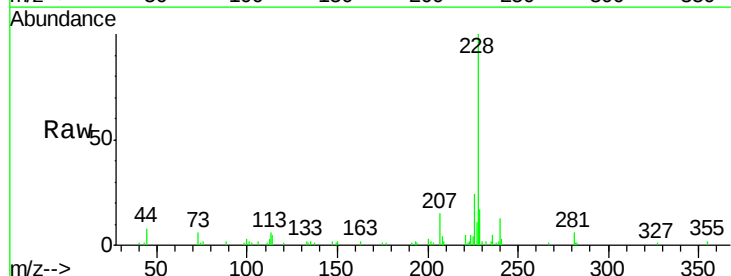
Tgt Ion:228 Resp: 25567

Ion Ratio Lower Upper

228 100

226 24.4 27.0 40.4#

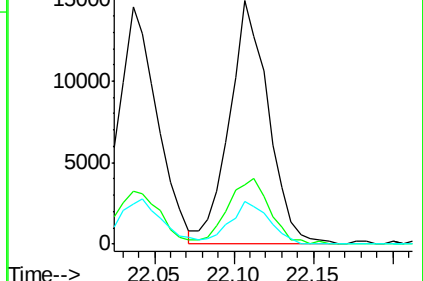
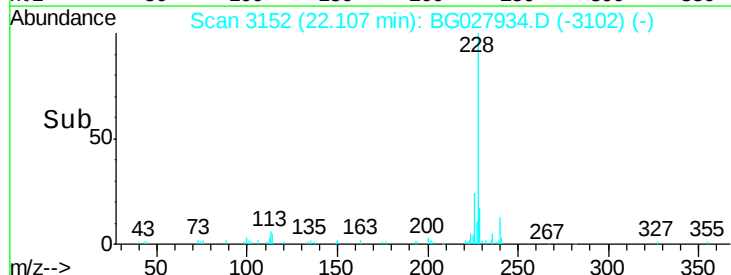
229 17.3 17.8 26.6#

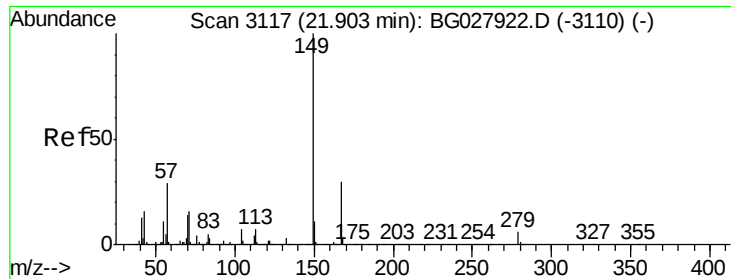


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

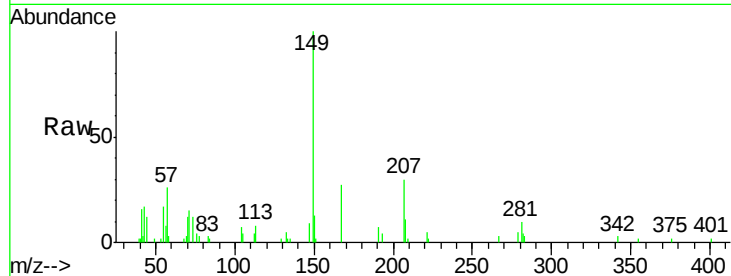




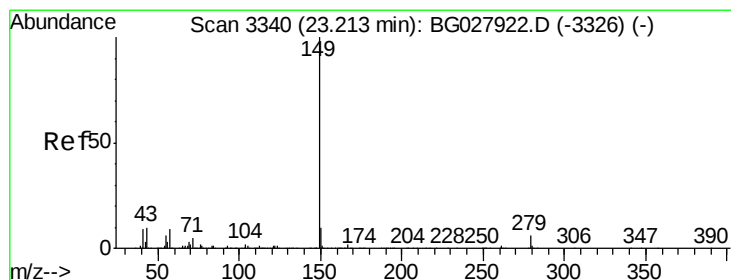
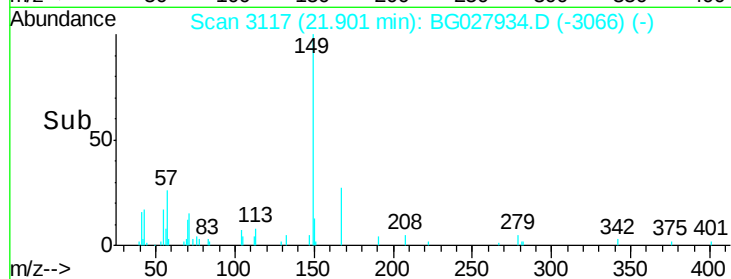
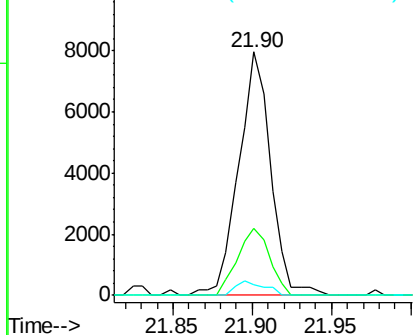
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.785 ng
 RT: 21.90 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion:149 Resp: 11139
 Ion Ratio Lower Upper
 149 100
 167 27.5 23.7 35.5
 279 4.5 4.6 6.8#

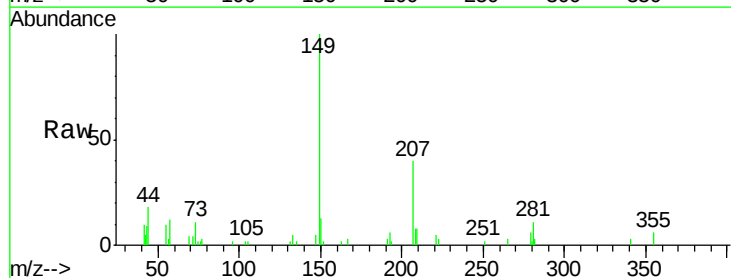


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

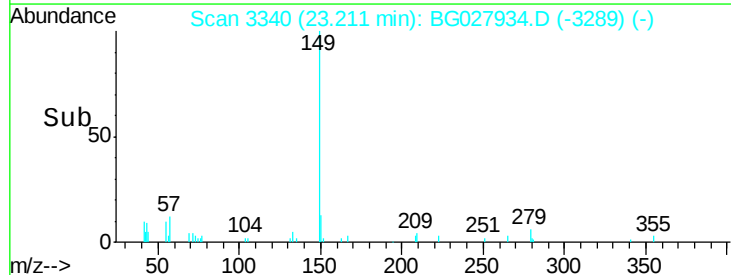
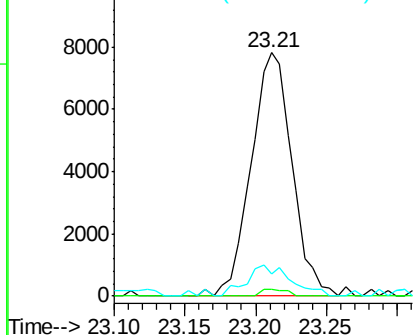


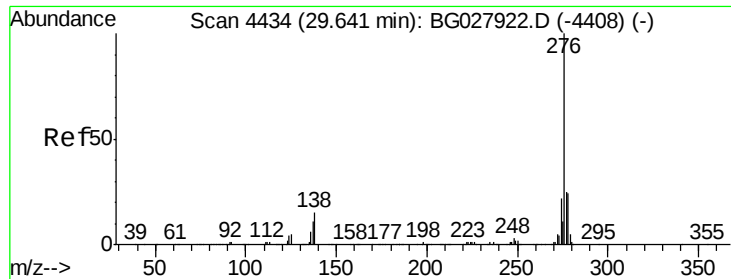
#84
 Di-n-octyl phthalate
 Concen: 0.660 ng
 RT: 23.21 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Tgt Ion:149 Resp: 15892
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 13.7 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

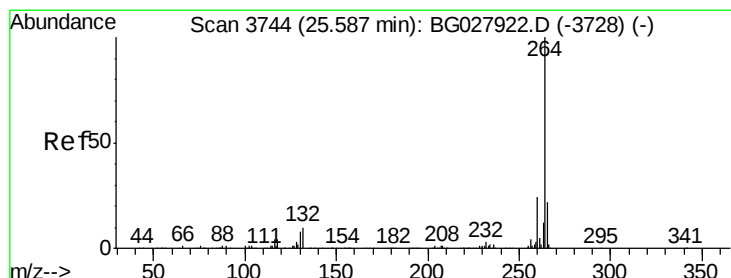
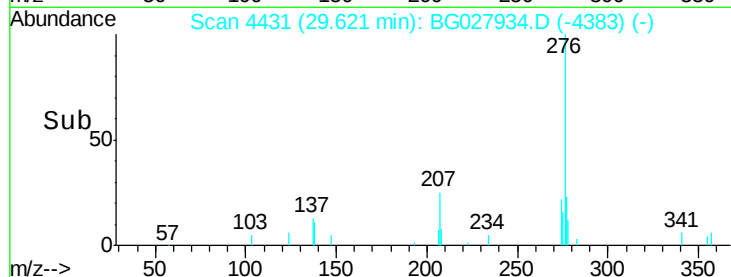
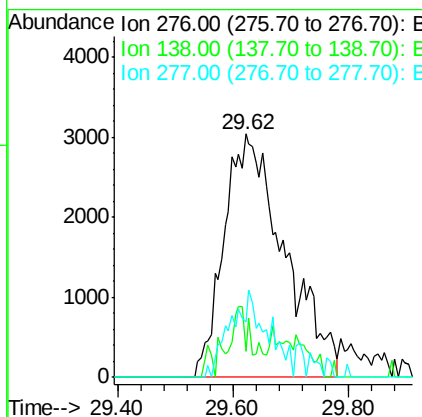
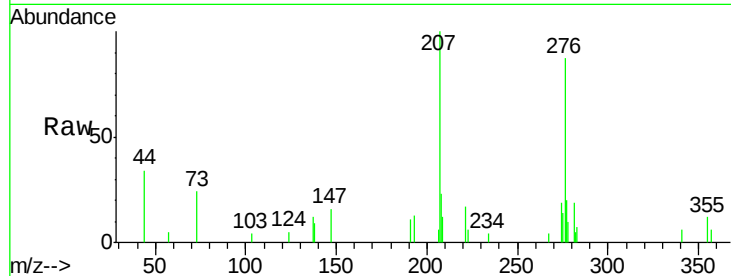




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.715 ng m
RT: 29.62 min Scan# 4431
Delta R.T. -0.02 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

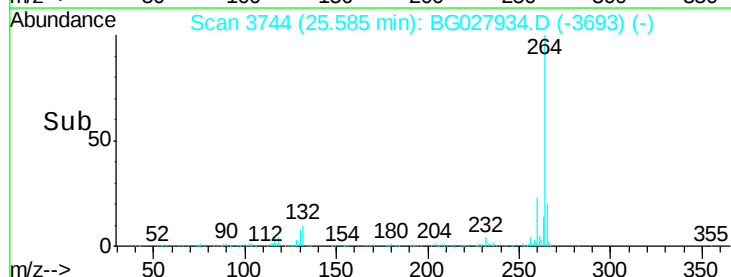
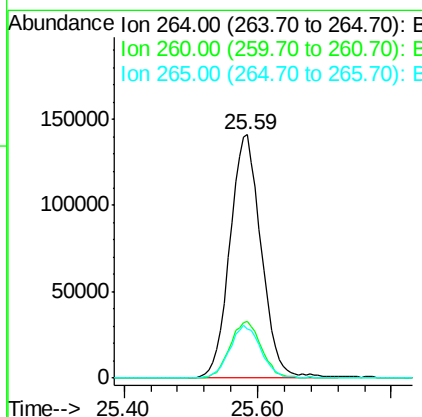
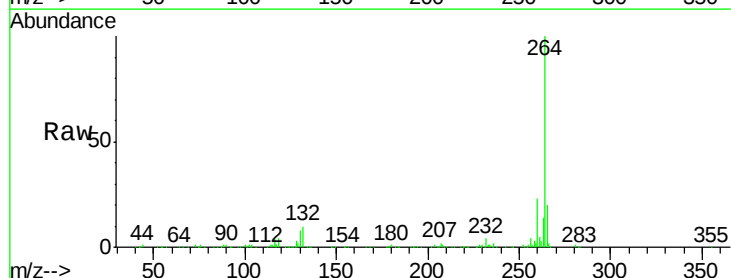
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

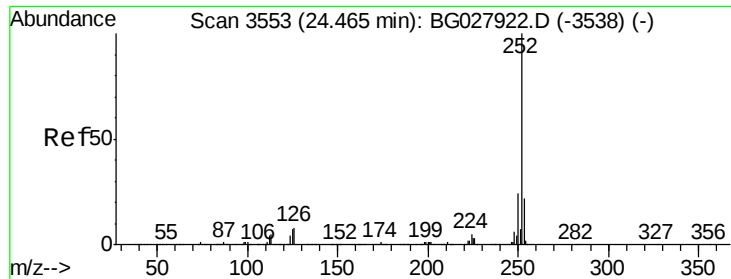
Tgt Ion: 276 Resp: 22059
Ion Ratio Lower Upper
276 100
138 4.9 4.7 7.1
277 17.7 20.6 31.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.59 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion: 264 Resp: 461205
Ion Ratio Lower Upper
264 100
260 23.5 21.8 32.8
265 20.2 18.2 27.4

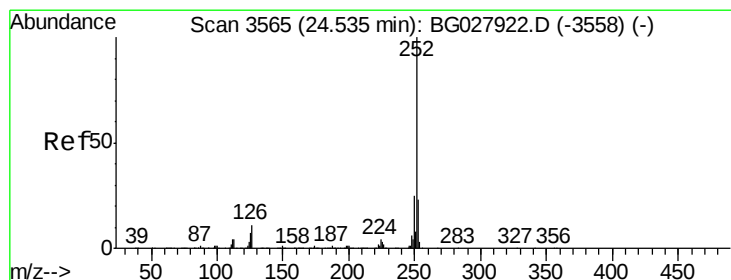
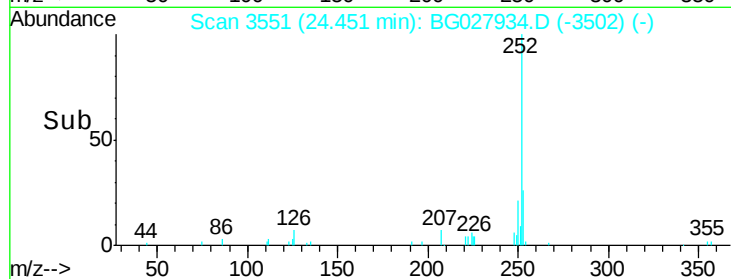
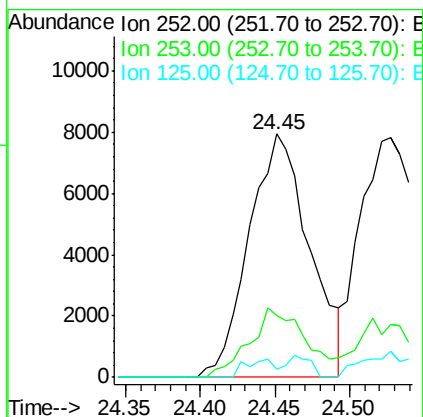
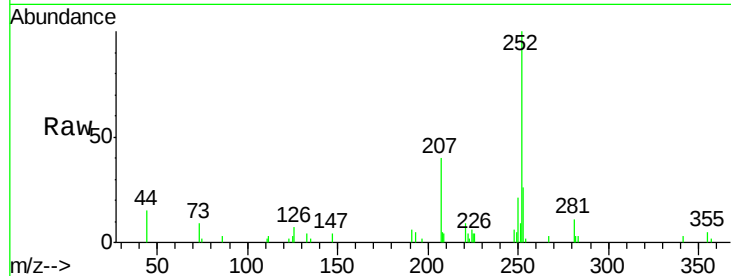




#87
Benzo(b)fluoranthene
Concen: 0.829 ng
RT: 24.45 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

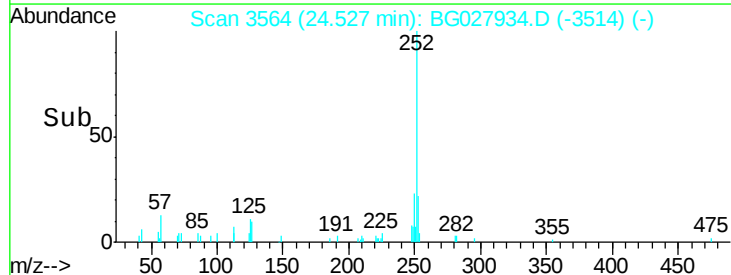
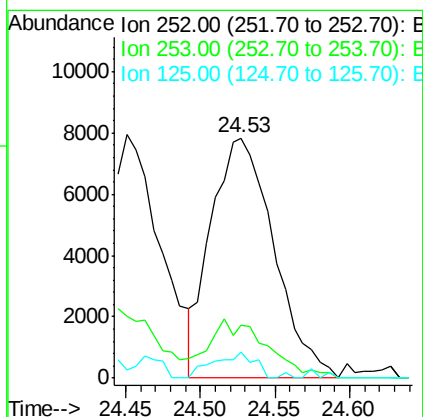
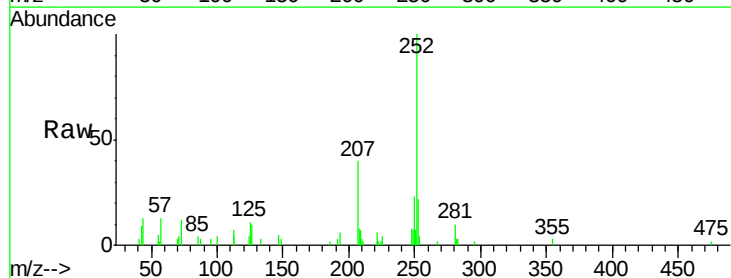
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

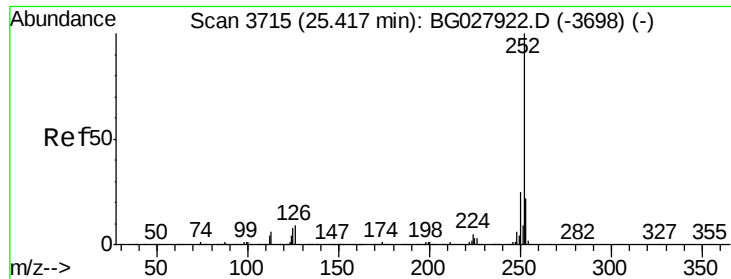
Tgt Ion:252 Resp: 22345
Ion Ratio Lower Upper
252 100
253 25.5 18.7 28.1
125 3.3 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 0.851 ng
RT: 24.53 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG027934.D
Acq: 14 Jul 2017 20:59

Tgt Ion:252 Resp: 22914
Ion Ratio Lower Upper
252 100
253 22.0 20.2 30.2
125 11.1 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 0.814 ng

RT: 25.41 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

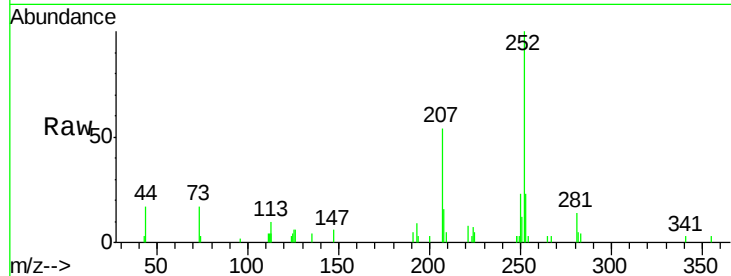
Tgt Ion:252 Resp: 20686

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

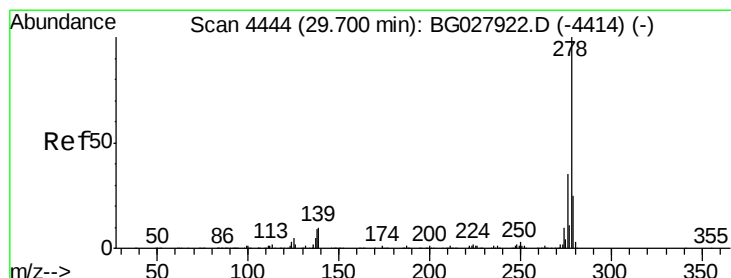
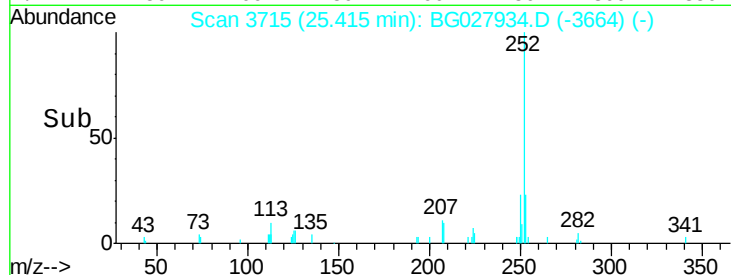
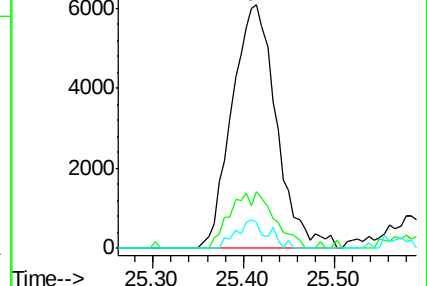
125 10.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.765 ng m

RT: 29.71 min Scan# 4446

Delta R.T. 0.01 min

Lab File: BG027934.D

Acq: 14 Jul 2017 20:59

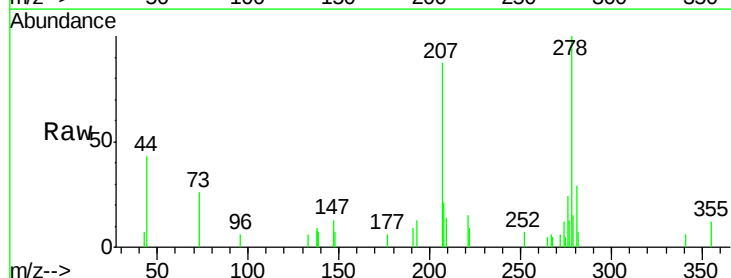
Tgt Ion:278 Resp: 19636

Ion Ratio Lower Upper

278 100

139 6.8 7.7 11.5#

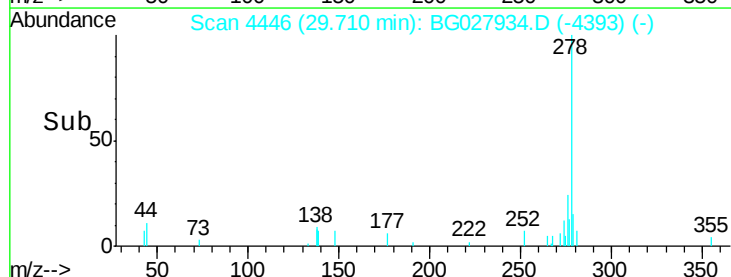
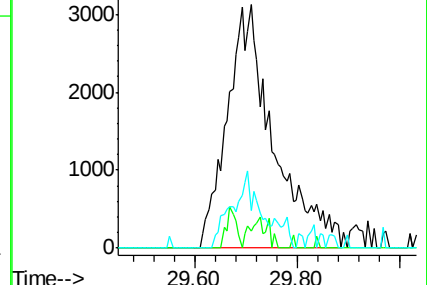
279 15.3 19.1 28.7#

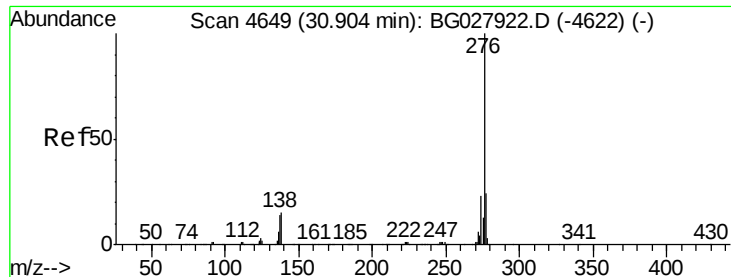


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 0.788 ng
 RT: 30.88 min Scan# 4646
 Delta R.T. -0.02 min
 Lab File: BG027934.D
 Acq: 14 Jul 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.7	18.6	27.8#
138	10.4	8.1	12.1

