

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122116\
 Data File : BG025369.D
 Acq On : 21 Dec 2016 22:41
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 22 02:48:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50388	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	209686	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	165072	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	395206	20.00	ng	0.00
75) Chrysene-d12	21.87	240	576343	20.00	ng	0.00
86) Perylene-d12	25.28	264	605170	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.75	112	419916	151.48	ng	0.00
7) Phenol-d6	7.37	99	581935	149.06	ng	0.00
23) Nitrobenzene-d5	9.40	82	441106	92.93	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	359859	135.41	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	958260	93.98	ng	0.00
78) Terphenyl-d14	20.16	244	1905304	87.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	7056	5.97	ng	# 70
3) Pyridine	4.01	79	19269	5.62	ng	# 81
4) n-Nitrosodimethylamine	3.93	42	13514	6.64	ng	# 93
6) Aniline	7.53	93	20302	3.84	ng	# 85
8) 2-Chlorophenol	7.77	128	22765	7.28	ng	# 94
9) Benzaldehyde	7.36	77	16210	5.67	ng	# 87
10) Phenol	7.40	94	29834	6.89	ng	# 90
11) bis(2-Chloroethyl)ether	7.62	93	22192	6.65	ng	# 85
12) 1,3-Dichlorobenzene	8.10	146	24228	6.40	ng	# 90
13) 1,4-Dichlorobenzene	8.24	146	26279	6.70	ng	# 89
14) 1,2-Dichlorobenzene	8.57	146	25019	6.68	ng	# 84
15) Benzyl Alcohol	8.47	79	23628	6.34	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.73	45	39437	6.39	ng	# 92
17) 2-Methylphenol	8.67	107	19764	6.95	ng	# 90
18) Hexachloroethane	9.30	117	10906	7.24	ng	# 95
19) n-Nitroso-di-n-propylamine	9.01	70	20438	6.20	ng	# 92
20) 3+4-Methylphenols	9.00	107	24614	6.26	ng	# 87
22) Acetophenone	9.05	105	36832	6.32	ng	# 89
24) Nitrobenzene	9.44	77	37233	7.15	ng	# 94
25) Isophorone	9.95	82	51977	6.05	ng	# 94
26) 2-Nitrophenol	10.16	139	12870	6.46	ng	# 97
27) 2,4-Dimethylphenol	10.21	122	24131	7.37	ng	# 93
28) bis(2-Chloroethoxy)methane	10.43	93	27699	6.21	ng	# 99
29) 2,4-Dichlorophenol	10.71	162	23244	6.64	ng	# 97
30) 1,2,4-Trichlorobenzene	10.90	180	26683	6.31	ng	# 88
31) Naphthalene	11.09	128	70089	6.69	ng	# 97
32) Benzoic acid	10.29	122	3965	1.51	ng	# 34
33) 4-Chloroaniline	11.22	127	17332	3.94	ng	# 95
34) Hexachlorobutadiene	11.35	225	23664	6.85	ng	# 92
35) Caprolactam	11.98	113	5767	4.38	ng	# 54
36) 4-Chloro-3-methylphenol	12.33	107	26974	6.24	ng	# 91
37) 2-Methylnaphthalene	12.68	142	48351	6.23	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	36649	6.72	ng	# 96
40) Hexachlorocyclopentadiene	13.01	237	3047	9.88	ng	# 94

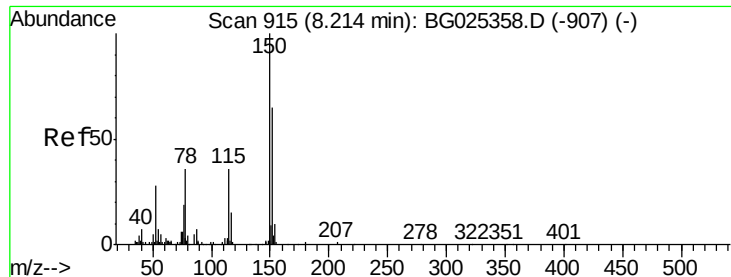
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122116\
 Data File : BG025369.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	22011	6.41	ng	95
43) 2,4,5-Trichlorophenol	13.38	196	21093	5.87	ng #	89
45) 1,1'-Biphenyl	13.67	154	76842	6.92	ng	97
46) 2-Chloronaphthalene	13.73	162	58407	6.73	ng	96
47) 2-Nitroaniline	13.95	65	22186	6.06	ng	93
48) Acenaphthylene	14.57	152	87164	6.48	ng	94
49) Dimethylphthalate	14.28	163	77400	6.43	ng	97
50) 2,6-Dinitrotoluene	14.42	165	15835	6.02	ng #	84
51) Acenaphthene	14.90	154	58963	6.71	ng	94
52) 3-Nitroaniline	14.77	138	11867	4.70	ng #	91
53) 2,4-Dinitrophenol	15.01	184	1089	5.67	ng #	61
54) Dibenzofuran	15.24	168	91004	6.55	ng	95
55) 4-Nitrophenol	15.11	139	9467	5.02	ng #	75
56) 2,4-Dinitrotoluene	15.22	165	23999	6.27	ng #	74
57) Fluorene	15.88	166	74405	6.39	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.47	232	23502	6.11	ng #	94
59) Diethylphthalate	15.62	149	82509	6.54	ng	99
60) 4-Chlorophenyl-phenylether	15.86	204	41813	6.34	ng	96
61) 4-Nitroaniline	15.93	138	15084	5.93	ng	90
62) Azobenzene	16.16	77	77384	6.36	ng	97
64) 4,6-Dinitro-2-methylphenol	15.99	198	11390	4.16	ng	88
65) n-Nitrosodiphenylamine	16.08	169	69986	6.55	ng	91
66) 4-Bromophenyl-phenylether	16.76	248	28391	5.82	ng	93
67) Hexachlorobenzene	16.89	284	37199	6.65	ng #	83
68) Atrazine	17.02	200	20924	4.47	ng	99
69) Pentachlorophenol	17.24	266	13118	4.52	ng	97
70) Phenanthrene	17.72	178	132969	6.53	ng	94
71) Anthracene	17.72	178	132969	6.43	ng	97
72) Carbazole	17.99	167	120195	6.49	ng	95
73) Di-n-butylphthalate	18.50	149	143199	6.29	ng #	95
74) Fluoranthene	19.62	202	186095	6.92	ng	91
76) Benzidine	19.81	184	24383	1.70	ng #	94
77) Pyrene	19.99	202	188254	6.25	ng	97
79) Butylbenzylphthalate	20.83	149	76320	6.31	ng	91
80) Benzo(a)anthracene	21.86	228	214078	6.66	ng	96
81) 3,3'-Dichlorobenzidine	21.76	252	55220	4.42	ng #	94
82) Chrysene	21.93	228	209806	6.81	ng	90
83) Bis(2-ethylhexyl)phthalate	21.70	149	107641	6.40	ng #	93
84) Di-n-octyl phthalate	22.96	149	190419	6.81	ng #	94
85) Indeno(1,2,3-cd)pyrene	29.21	276	249585	6.37	ng	97
87) Benzo(b)fluoranthene	24.19	252	214796	6.51	ng	98
88) Benzo(k)fluoranthene	24.19	252	214796	6.74	ng	95
89) Benzo(a)pyrene	25.12	252	204819	6.42	ng #	89
90) Dibenzo(a,h)anthracene	29.26	278	217952	6.45	ng #	91
91) Benzo(g,h,i)perylene	30.45	276	215129	6.41	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

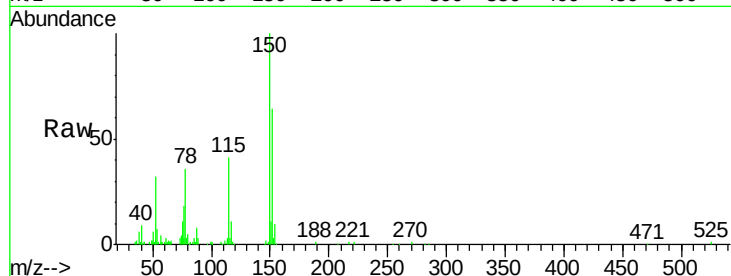
Tgt Ion:152 Resp: 50388

Ion Ratio Lower Upper

152 100

150 155.3 114.0 171.0

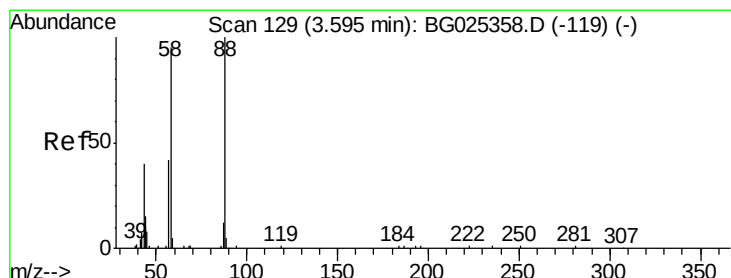
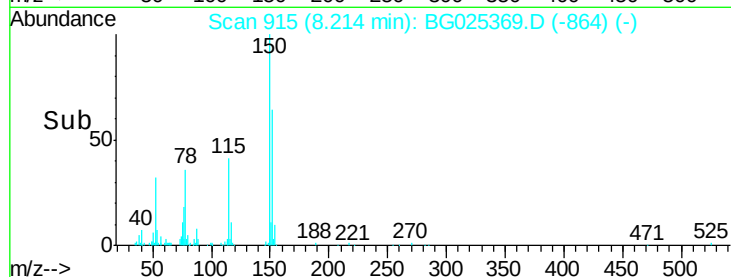
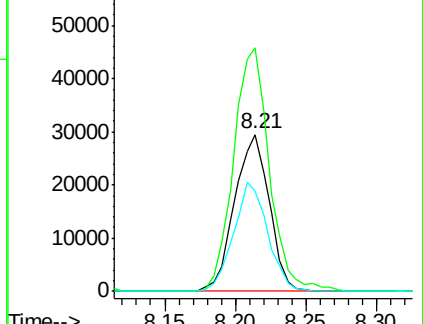
115 63.7 48.1 72.1



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



#2

1,4-Dioxane

Concen: 5.97 ng

RT: 3.58 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

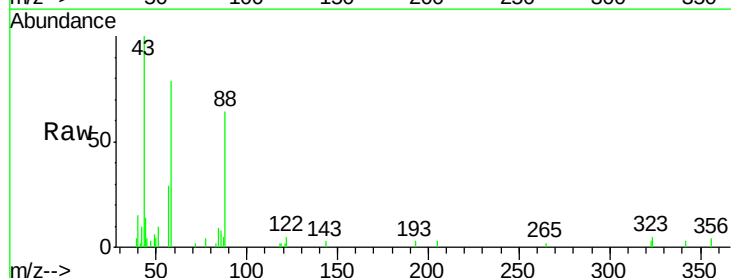
Tgt Ion: 88 Resp: 7056

Ion Ratio Lower Upper

88 100

58 123.5 79.4 119.2#

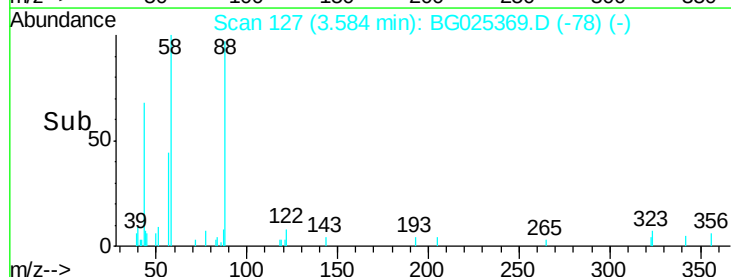
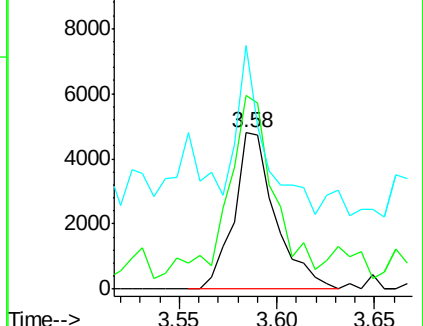
43 70.3 33.8 50.6#

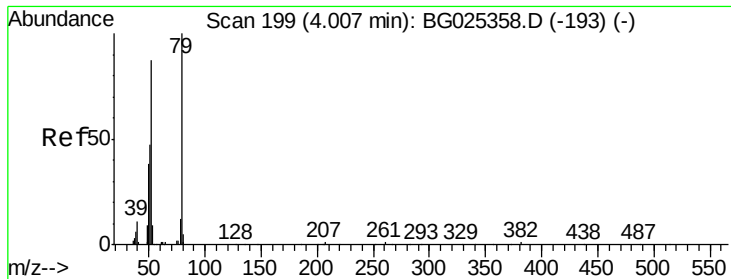


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 5.62 ng

RT: 4.01 min Scan# 200

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

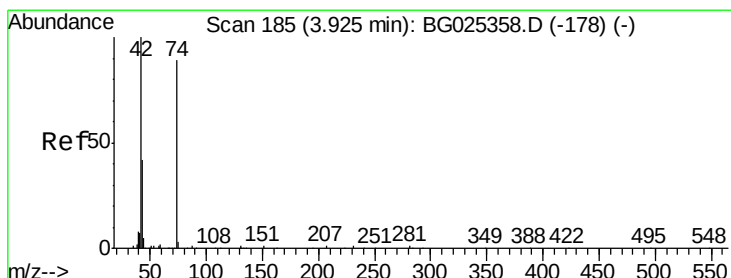
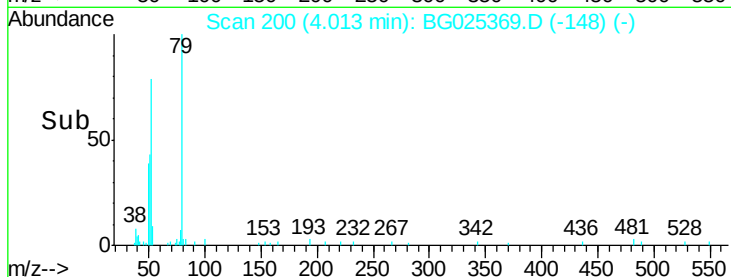
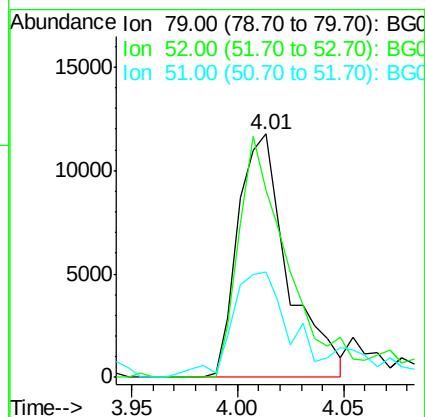
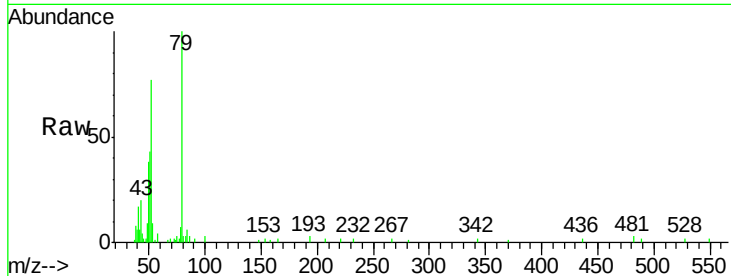
Tgt Ion: 79 Resp: 19269

Ion Ratio Lower Upper

79 100

52 77.0 77.8 116.6#

51 43.2 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 6.64 ng

RT: 3.93 min Scan# 186

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

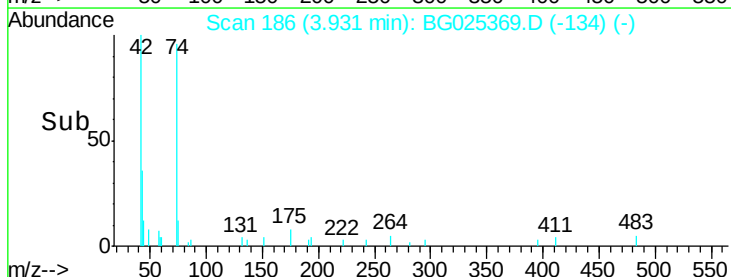
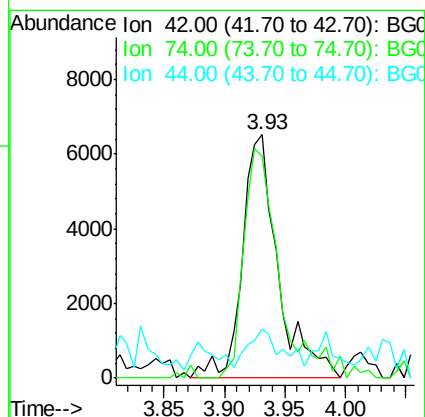
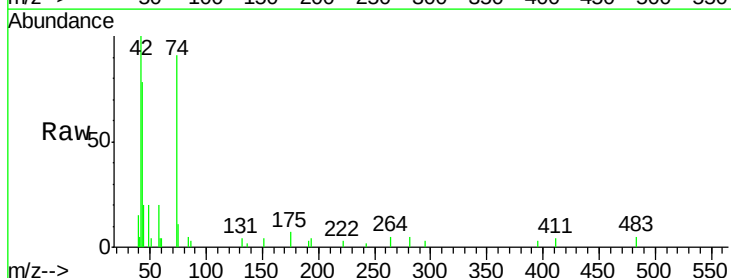
Tgt Ion: 42 Resp: 13514

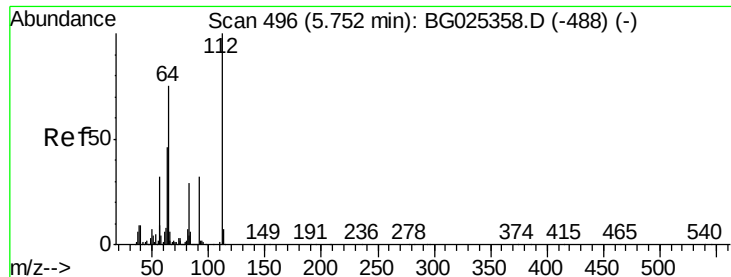
Ion Ratio Lower Upper

42 100

74 91.2 76.7 115.1

44 20.1 6.1 9.1#





#5

2-Fluorophenol

Concen: 151.48 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

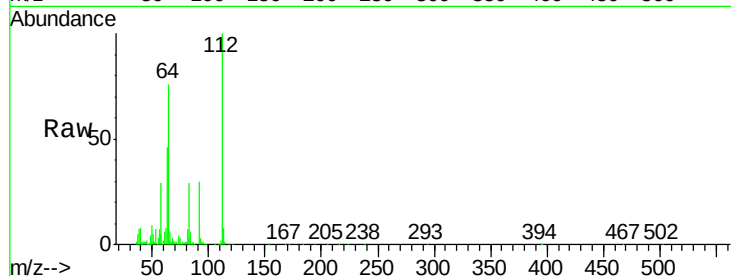
Tgt Ion: 112 Resp: 419916

Ion Ratio Lower Upper

112 100

64 76.1 61.8 92.6

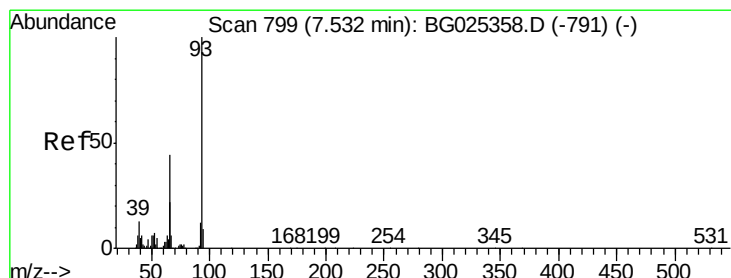
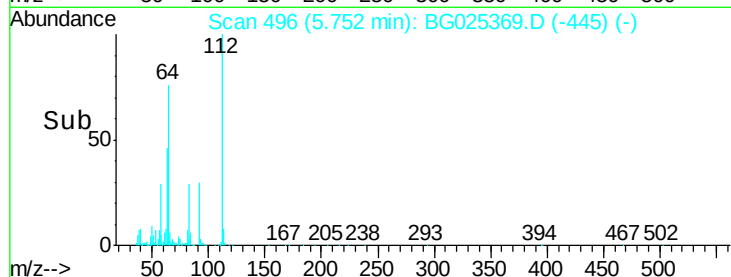
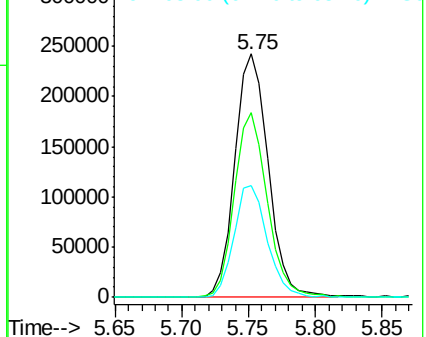
63 46.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.84 ng

RT: 7.53 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

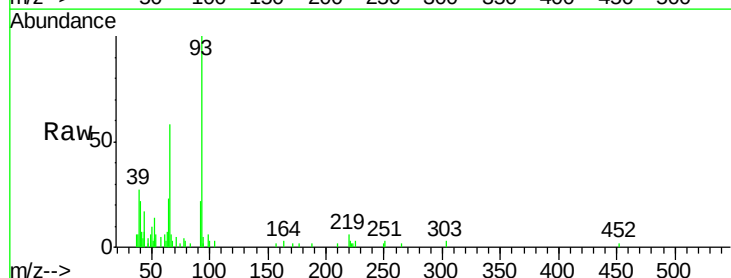
Tgt Ion: 93 Resp: 20302

Ion Ratio Lower Upper

93 100

66 57.8 35.4 53.2#

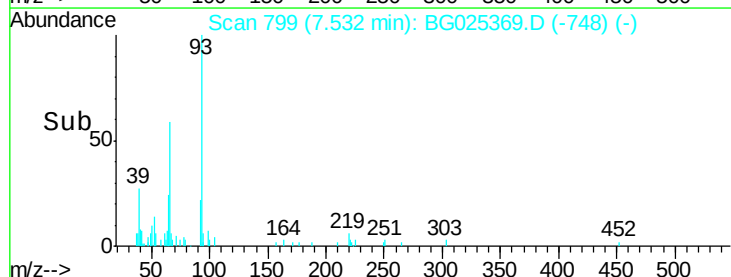
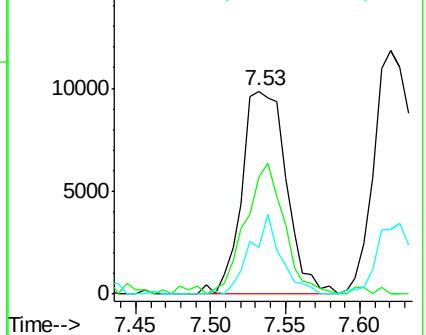
65 23.1 21.2 31.8

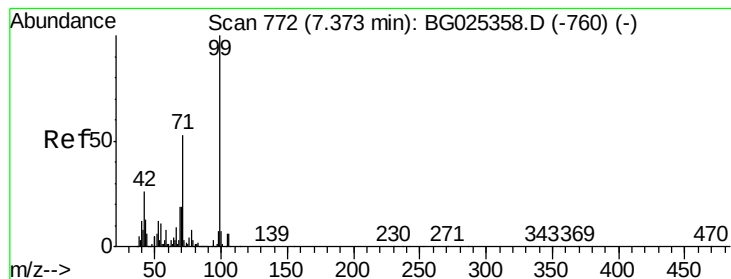


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.06 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025369.D

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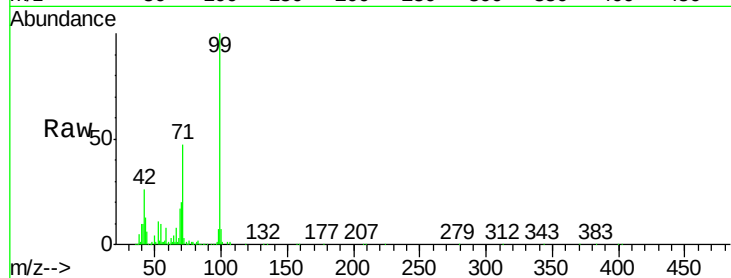
Tgt Ion: 99 Resp: 581935

Ion Ratio Lower Upper

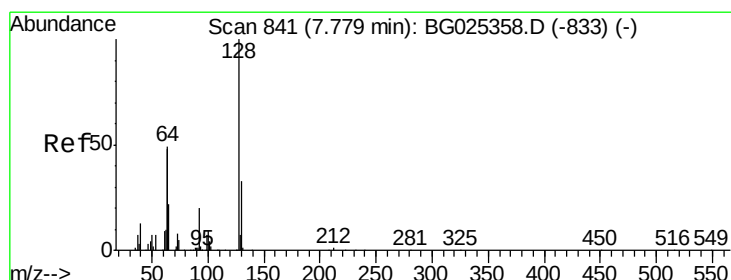
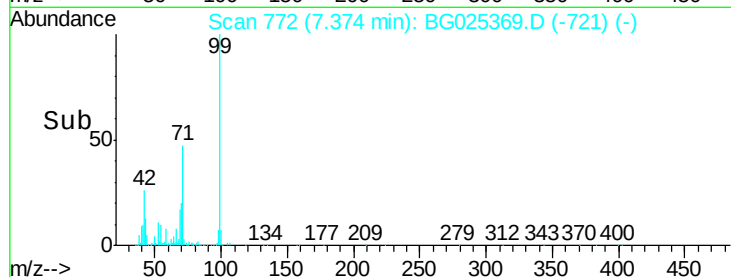
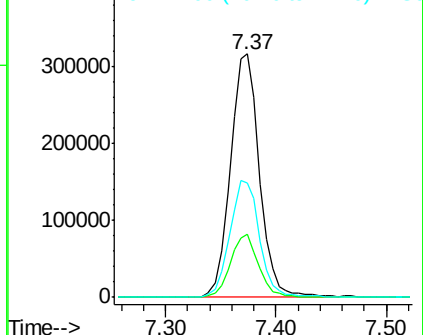
99 100

42 25.7 20.5 30.7

71 47.0 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: 7.28 ng

RT: 7.77 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

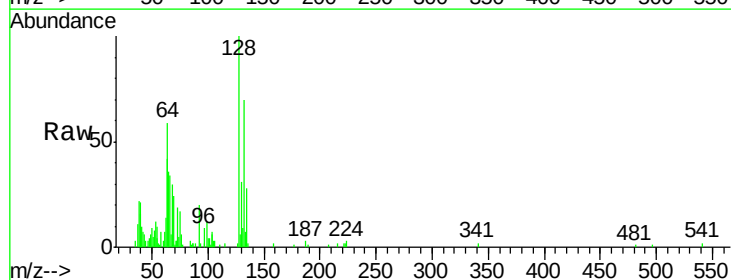
Tgt Ion: 128 Resp: 22765

Ion Ratio Lower Upper

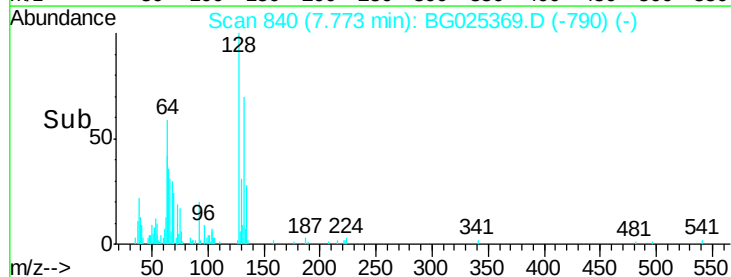
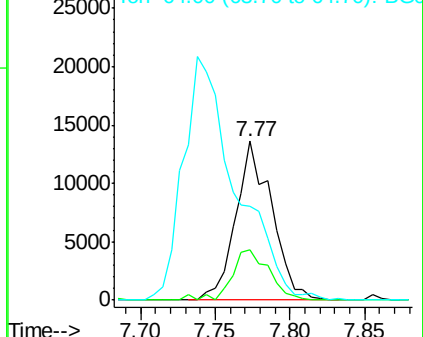
128 100

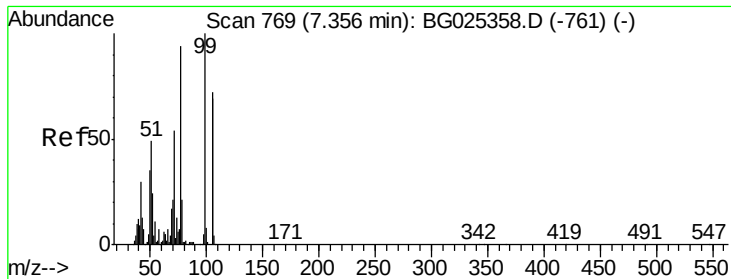
130 31.4 11.4 51.4

64 59.4 46.6 86.6



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





#9

Benzaldehyde

Concen: 5.67 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

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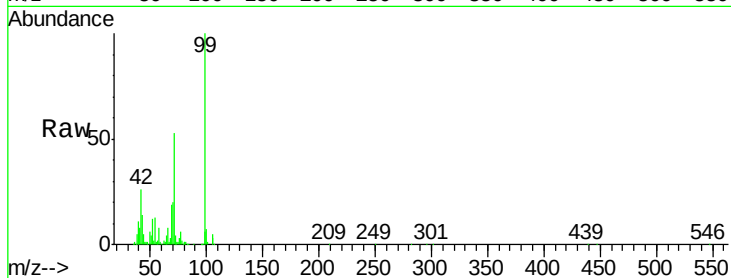
Tgt Ion: 77 Resp: 16210

Ion Ratio Lower Upper

77 100

105 81.2 60.9 100.9

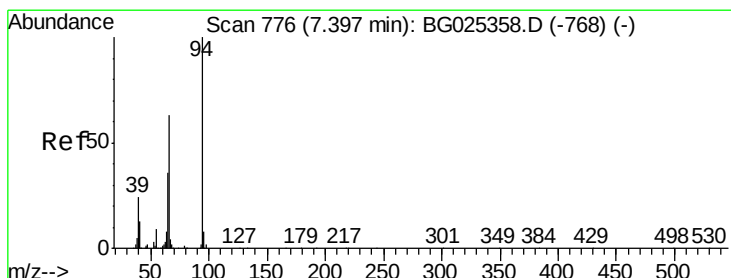
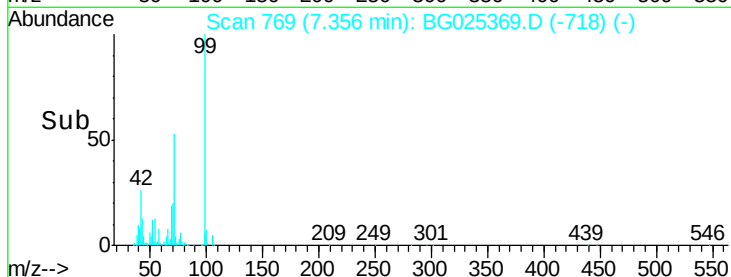
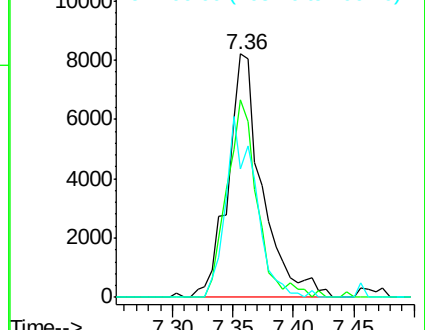
106 52.7 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.89 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

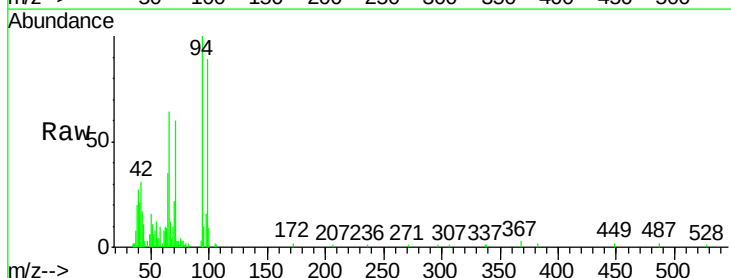
Tgt Ion: 94 Resp: 29834

Ion Ratio Lower Upper

94 100

65 35.5 20.6 60.6

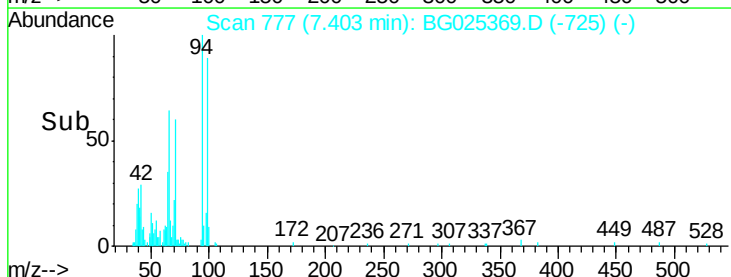
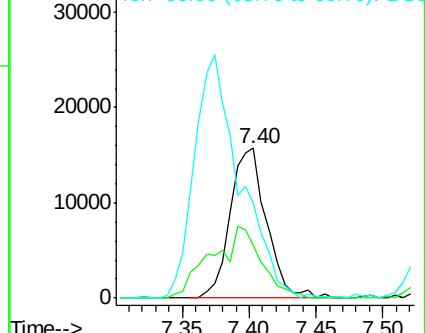
66 63.8 35.5 75.5

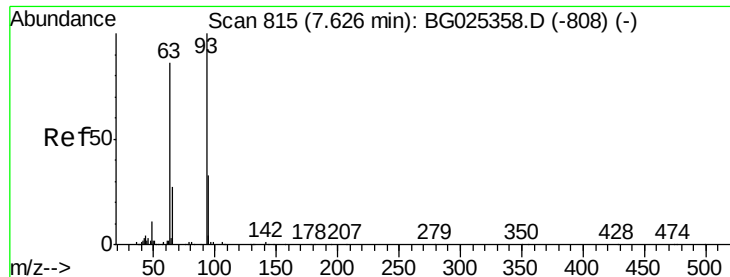


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

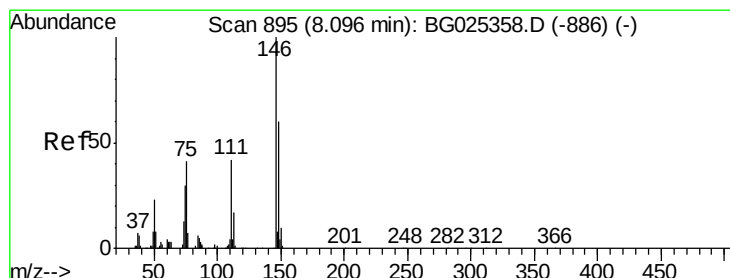
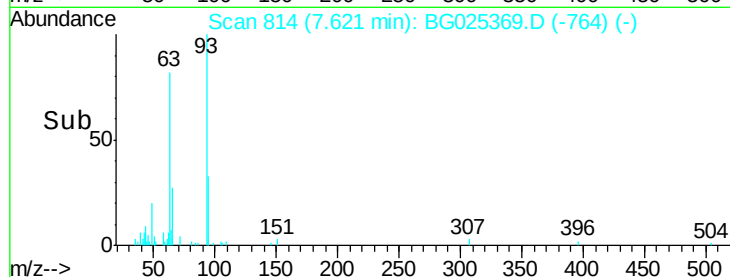
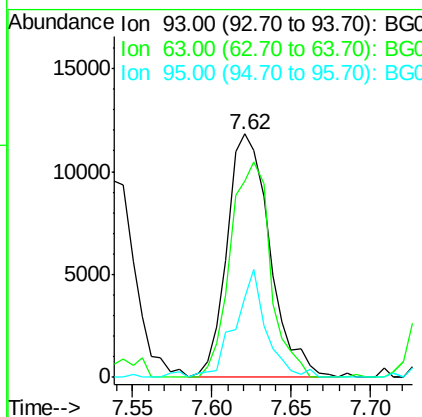
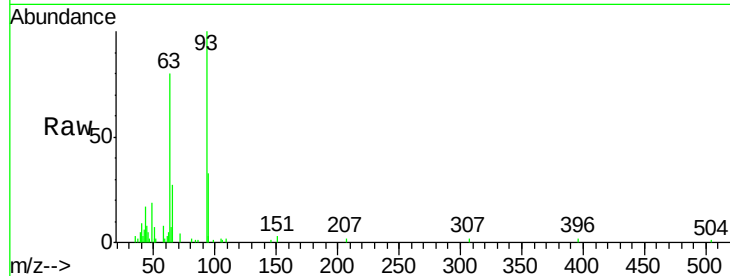




#11
bis(2-Chloroethyl)ether
Concen: 6.65 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

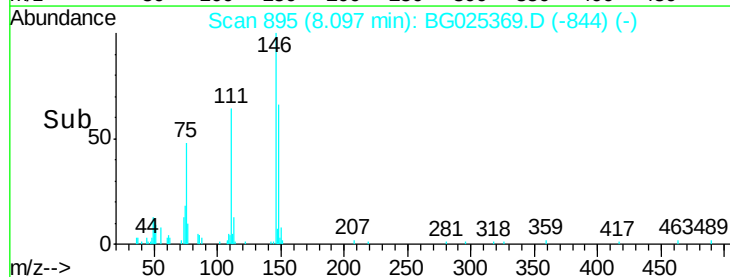
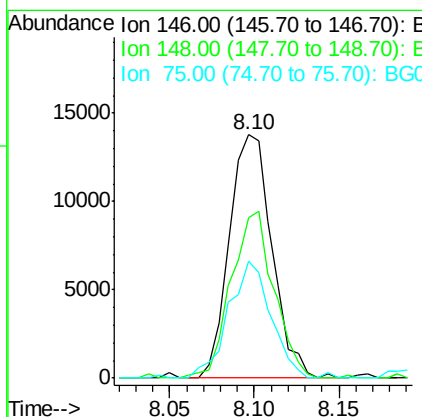
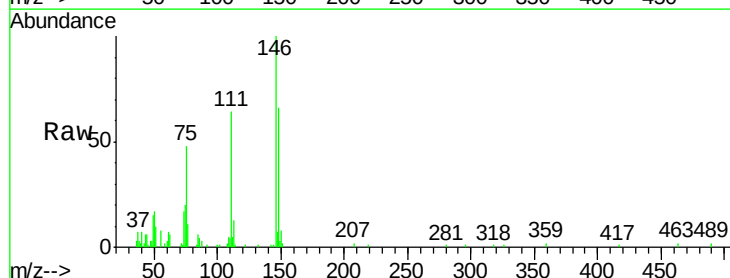
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

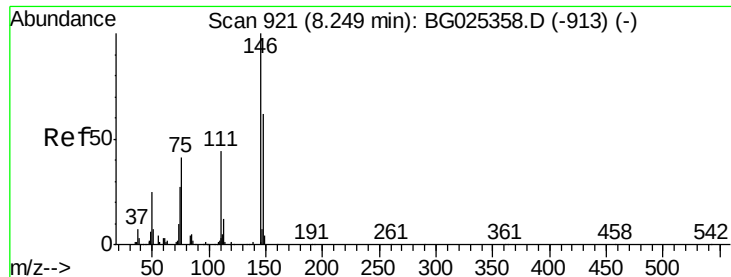
Tgt Ion: 93 Resp: 22192
Ion Ratio Lower Upper
93 100
63 80.4 78.5 118.5
95 32.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 6.40 ng
RT: 8.10 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion: 146 Resp: 24228
Ion Ratio Lower Upper
146 100
148 69.2 49.2 73.8
75 47.8 33.4 50.2

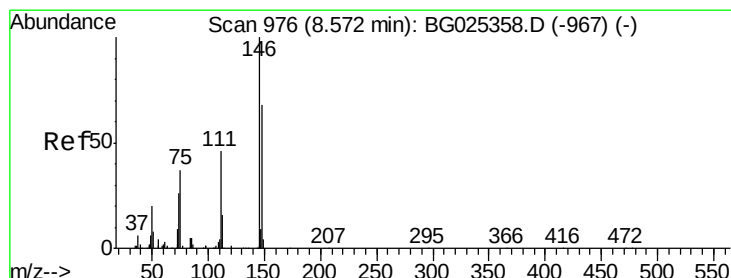
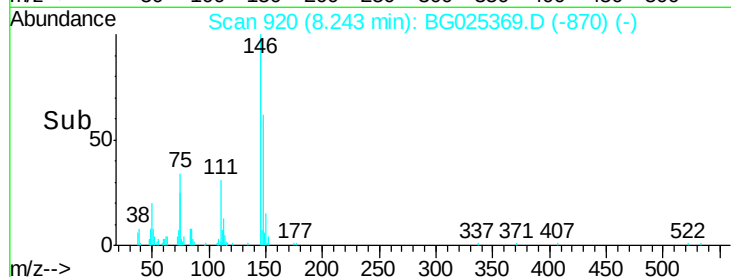
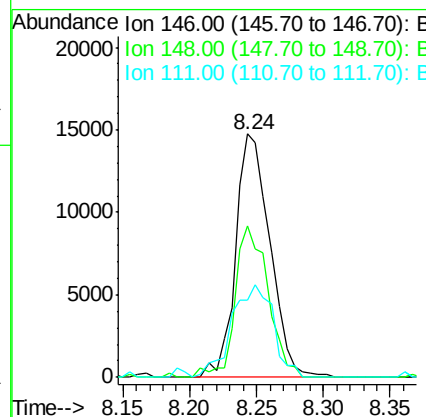
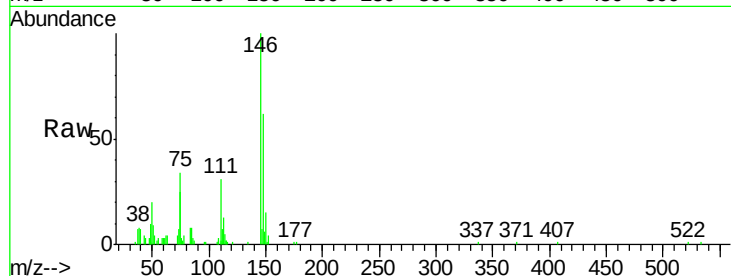




#13
1,4-Dichlorobenzene
Concen: 6.70 ng
RT: 8.24 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

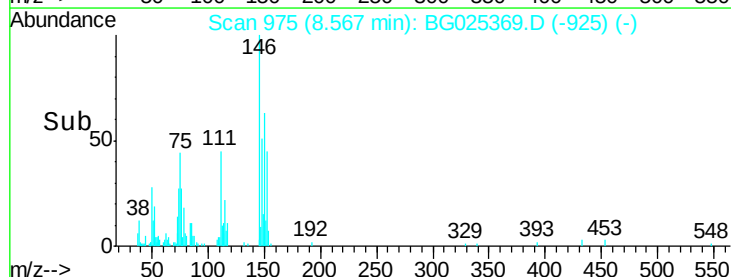
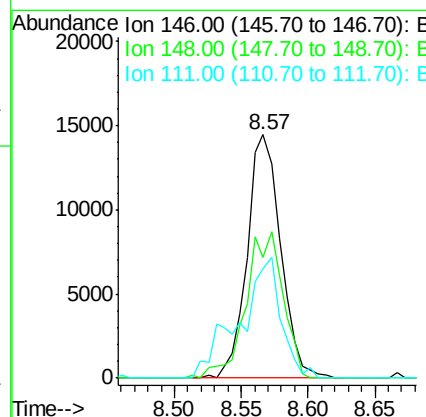
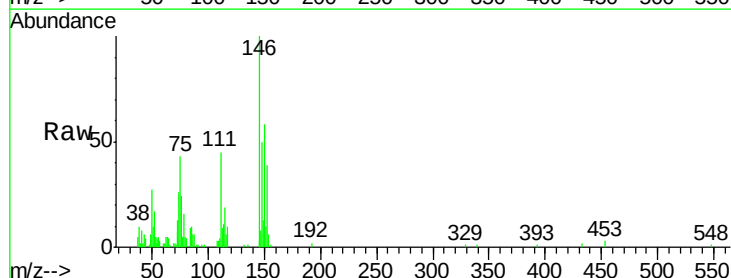
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

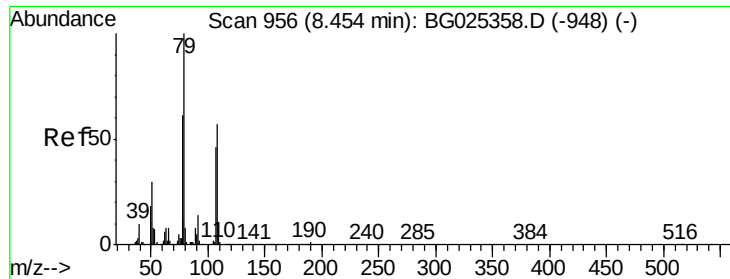
Tgt Ion:146 Resp: 26279
Ion Ratio Lower Upper
146 100
148 62.2 52.2 78.2
111 31.5 37.0 55.6#



#14
1,2-Dichlorobenzene
Concen: 6.68 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:146 Resp: 25019
Ion Ratio Lower Upper
146 100
148 49.5 54.6 81.8#
111 44.8 39.7 59.5

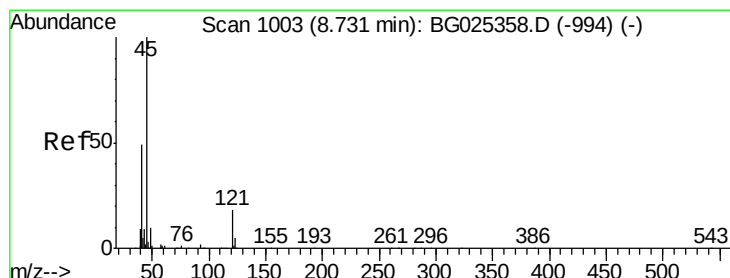
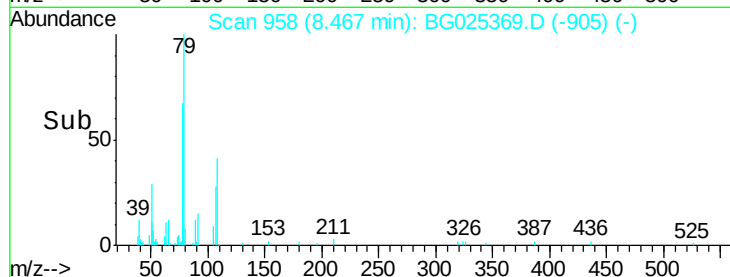
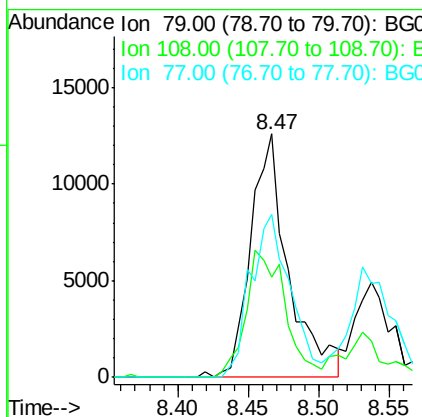
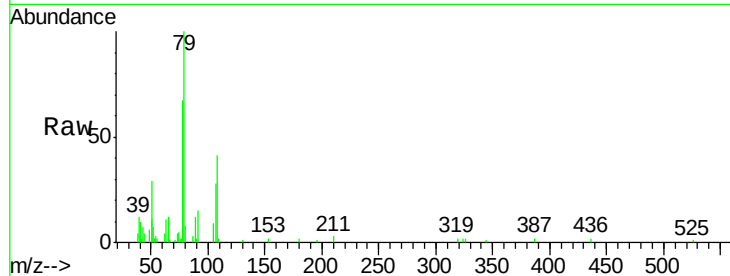




#15
Benzyl Alcohol
Concen: 6.34 ng
RT: 8.47 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

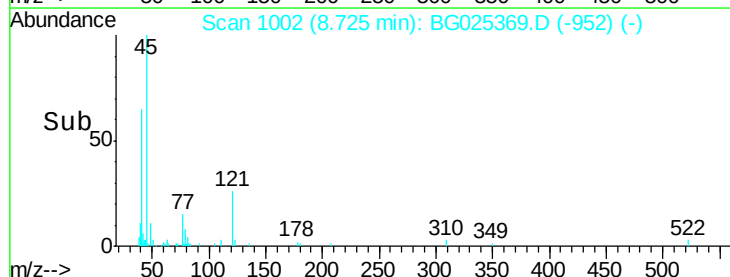
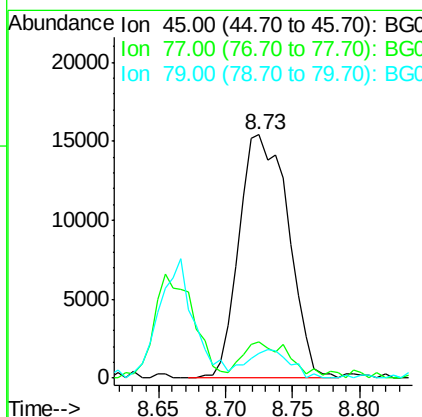
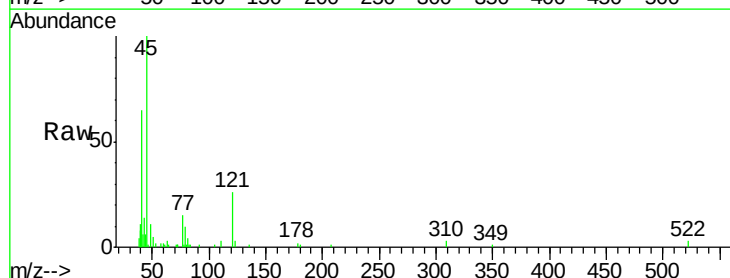
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

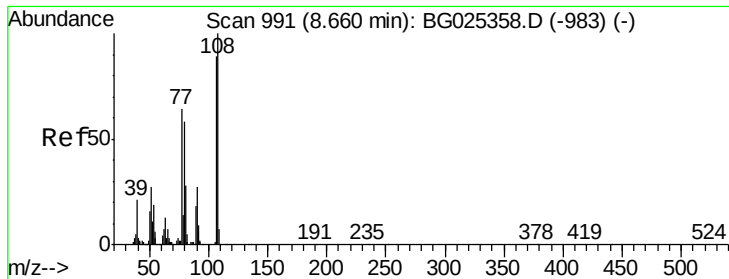
Tgt Ion: 79 Resp: 23628
Ion Ratio Lower Upper
79 100
108 41.3 45.5 68.3#
77 66.7 54.3 81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.39 ng
RT: 8.73 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion: 45 Resp: 39437
Ion Ratio Lower Upper
45 100
77 14.7 0.0 30.6
79 10.3 0.0 28.5

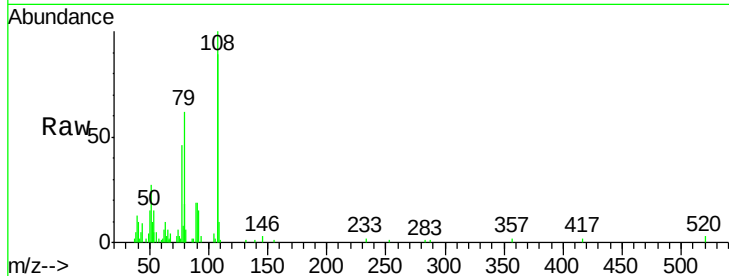




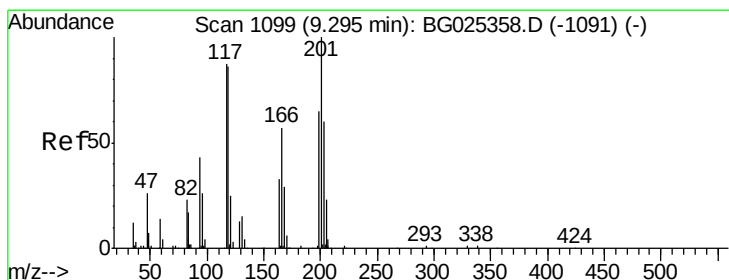
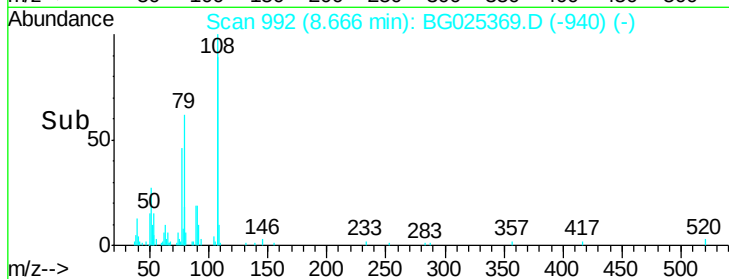
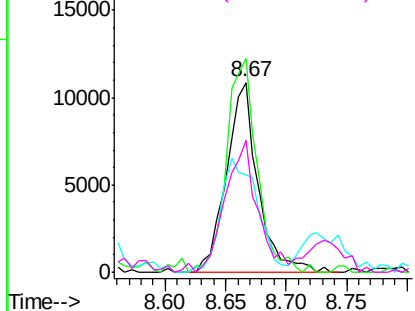
#17
2-Methylphenol
Concen: 6.95 ng
RT: 8.67 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

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

Tgt Ion:	107	Resp:	19764
Ion	Ratio	Lower	Upper
107	100		
108	112.4	85.6	128.4
77	51.5	51.4	77.2
79	69.4	49.2	73.8

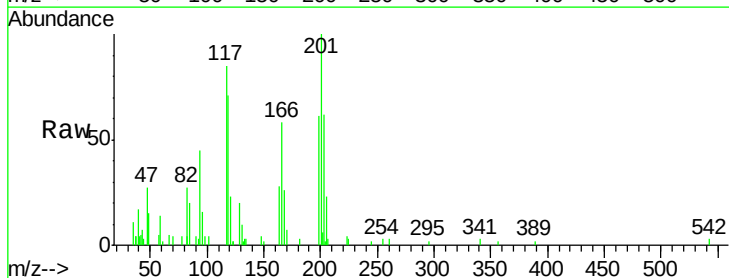


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

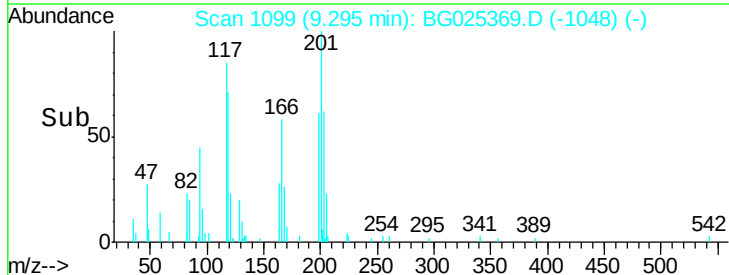
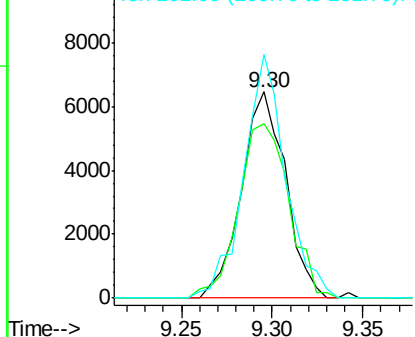


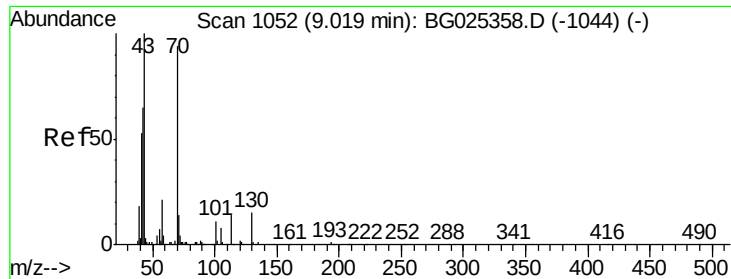
#18
Hexachloroethane
Concen: 7.24 ng
RT: 9.30 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:	117	Resp:	10906
Ion	Ratio	Lower	Upper
117	100		
119	84.5	69.8	104.6
201	125.6	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

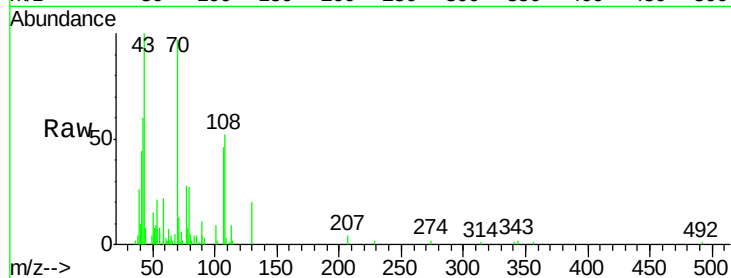




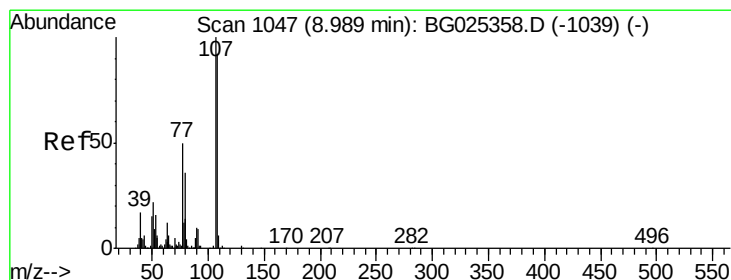
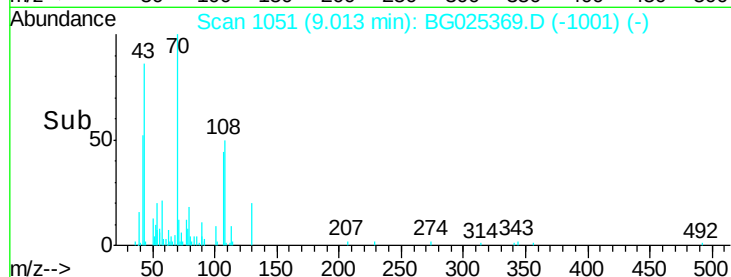
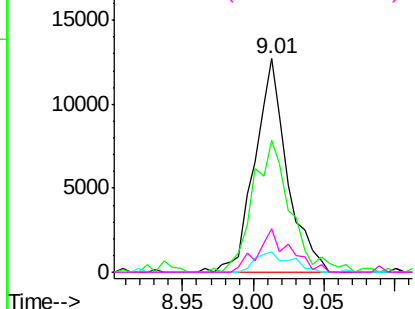
#19
n-Nitroso-di-n-propylamine
Concen: 6.20 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

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

Tgt Ion:	70	Resp:	20438
Ion	Ratio	Lower	Upper
70	100		
42	61.5	56.1	84.1
101	9.5	7.5	11.3
130	20.1	14.6	21.8

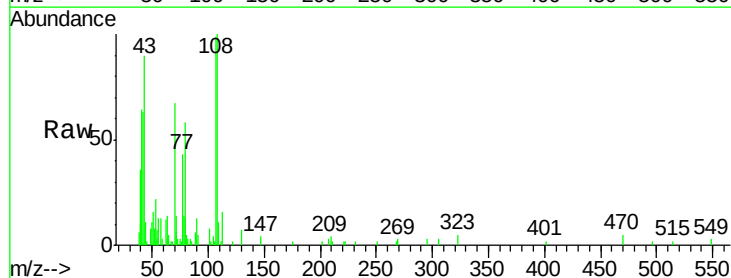


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

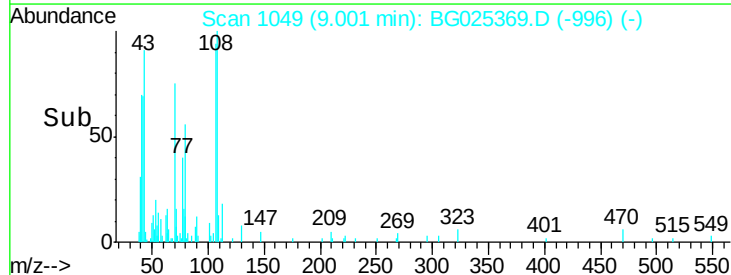
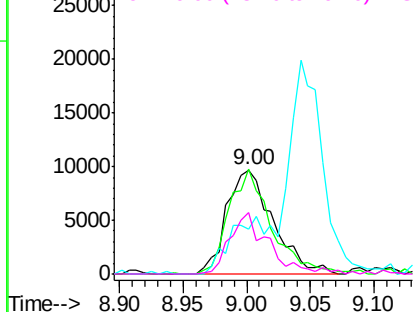


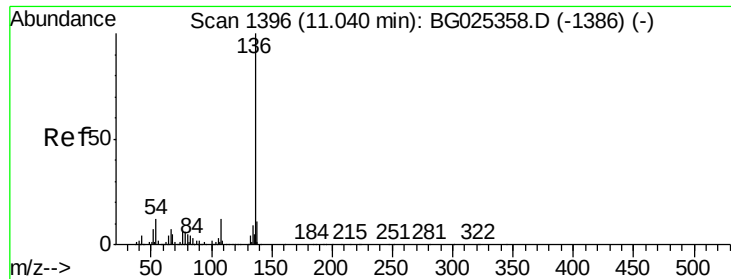
#20
3+4-Methylphenols
Concen: 6.26 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:	107	Resp:	24614
Ion	Ratio	Lower	Upper
107	100		
108	101.1	70.8	110.8
77	43.3	25.8	65.8
79	58.8	20.1	60.1



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

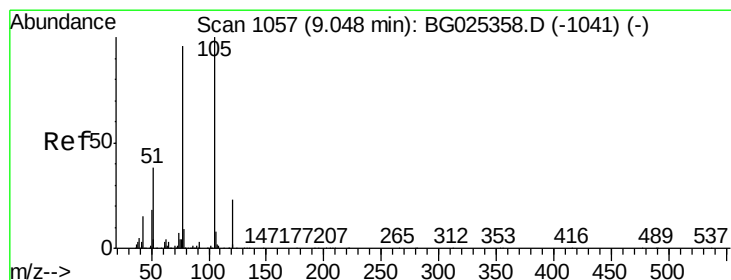
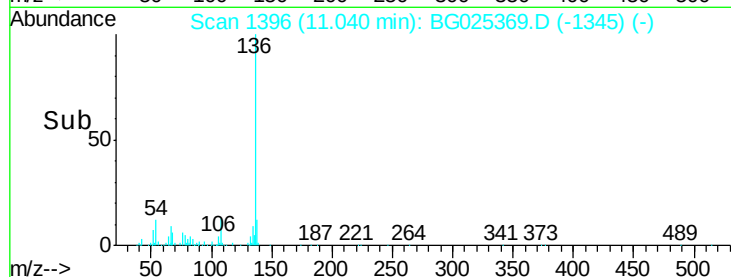
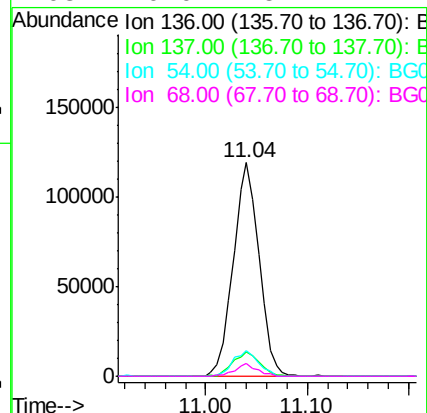
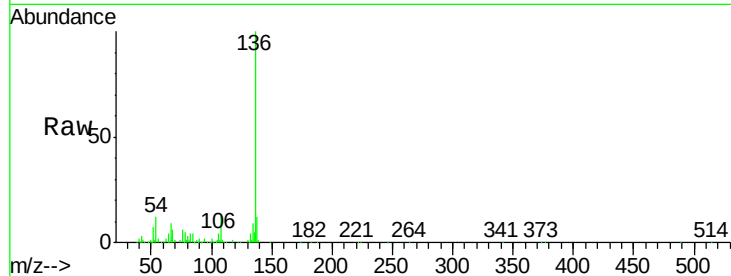




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

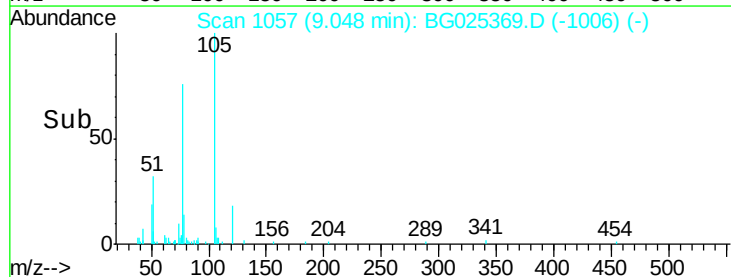
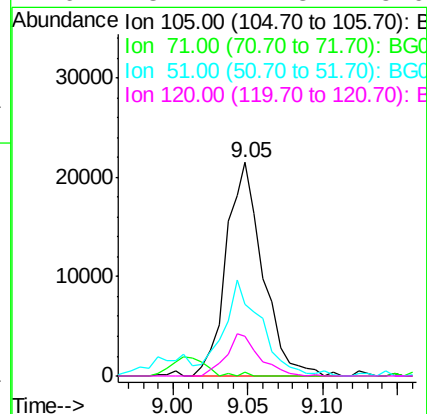
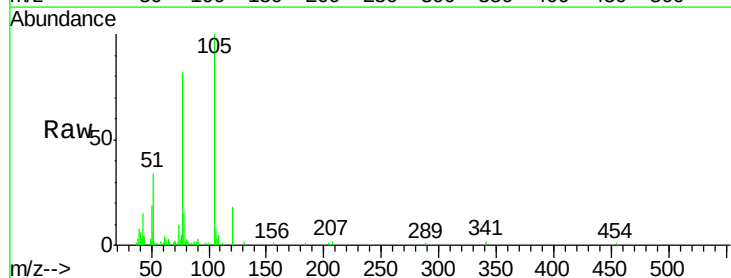
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

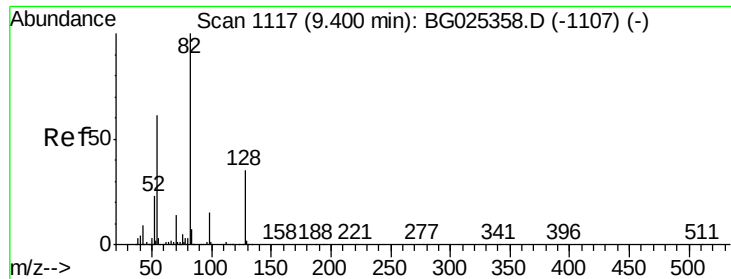
Tgt Ion:	136	Resp:	209686
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.8	9.3	13.9
68	6.0	5.1	7.7



#22
Acetophenone
Concen: 6.32 ng
RT: 9.05 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:	105	Resp:	36832
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.9	1.3#
51	33.8	34.0	51.0#
120	18.4	17.3	25.9

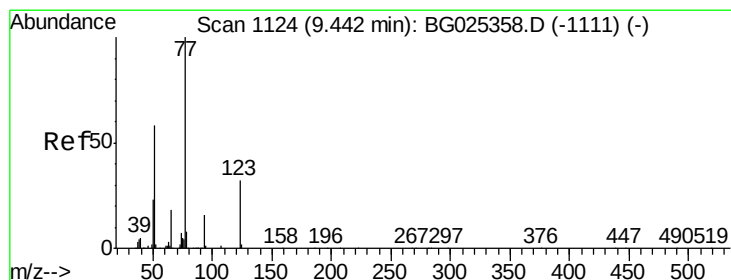
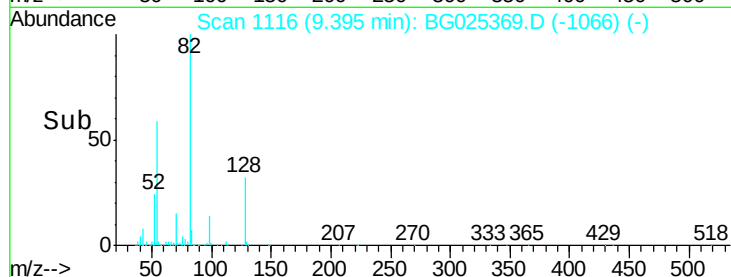
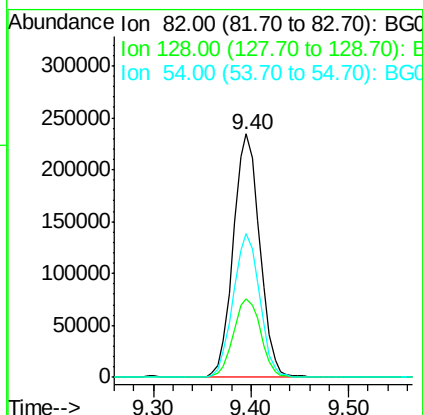
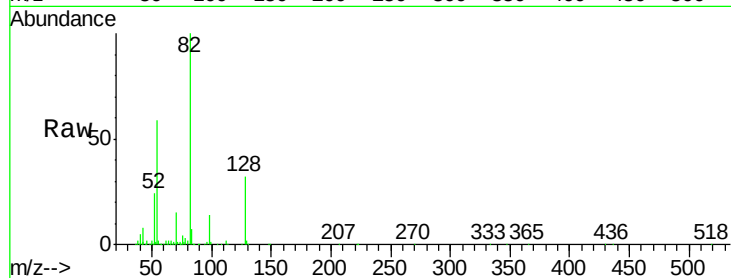




#23
 Nitrobenzene-d5
 Concen: 92.93 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

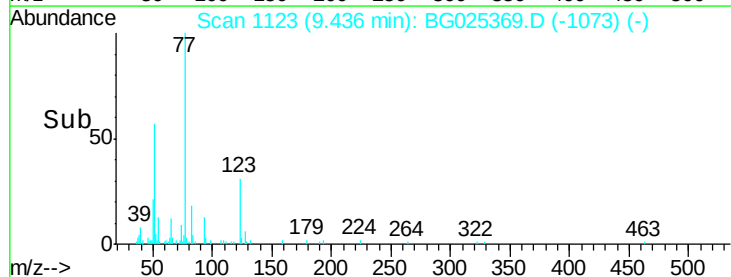
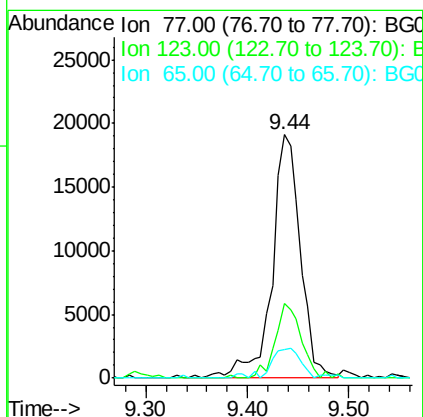
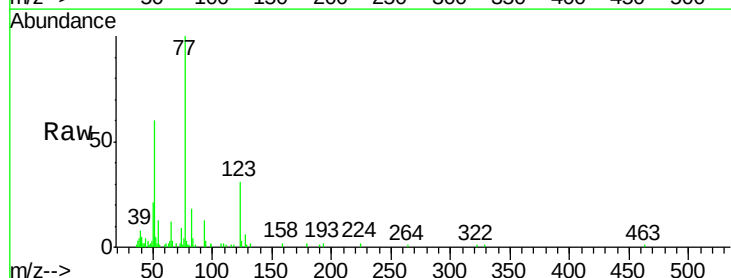
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

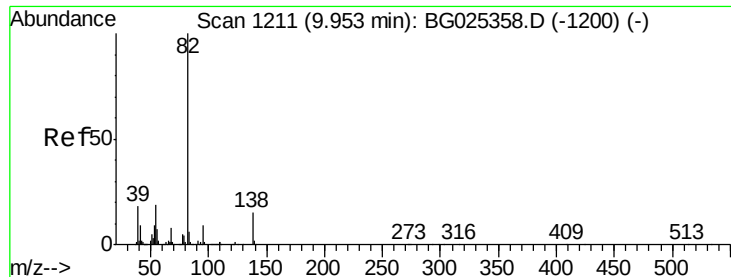
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.4	26.4	39.6
54	59.3	49.4	74.2



#24
 Nitrobenzene
 Concen: 7.15 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.6	26.1	39.1
65	11.5	12.4	18.6#





#25

Isophorone

Concen: 6.05 ng

RT: 9.95 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

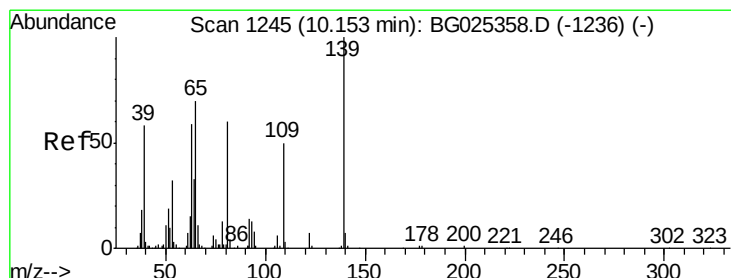
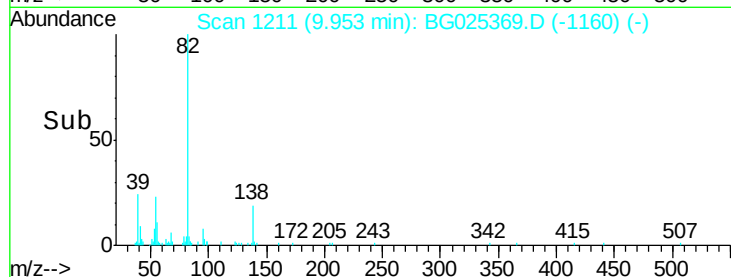
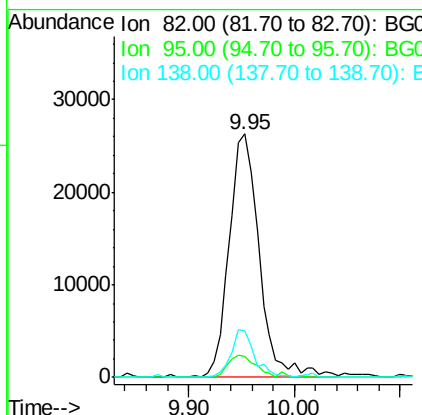
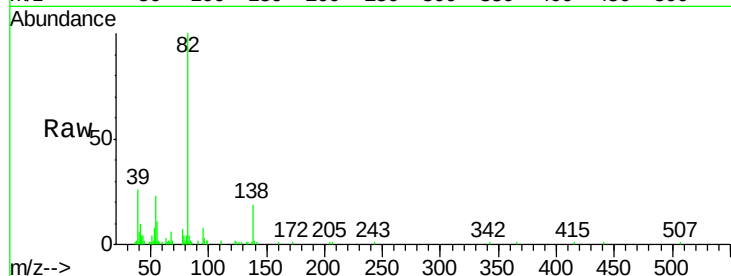
Tgt Ion: 82 Resp: 51977

Ion Ratio Lower Upper

82 100

95 8.4 7.5 11.3

138 18.9 12.3 18.5#



#26

2-Nitrophenol

Concen: 6.46 ng

RT: 10.16 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

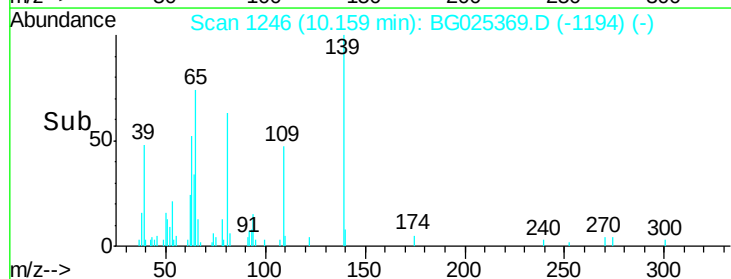
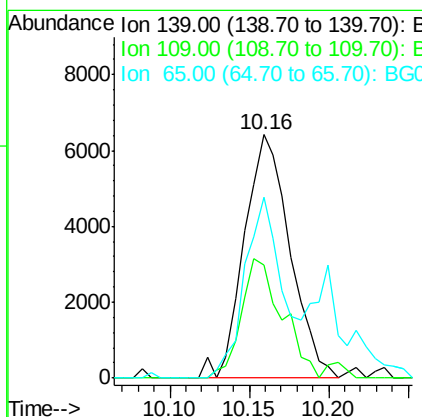
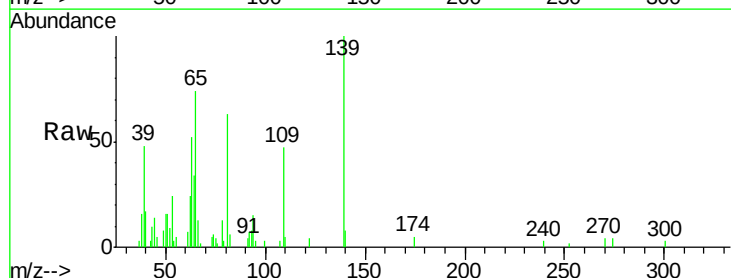
Tgt Ion: 139 Resp: 12870

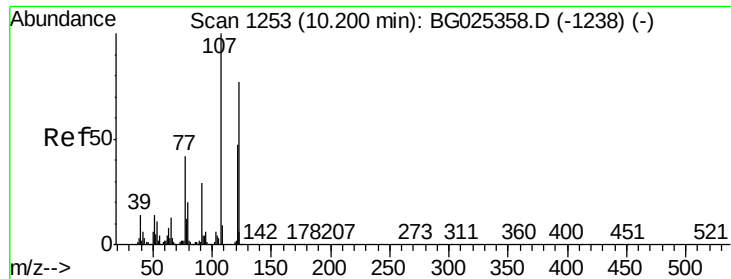
Ion Ratio Lower Upper

139 100

109 46.6 38.6 58.0

65 74.5 57.1 85.7

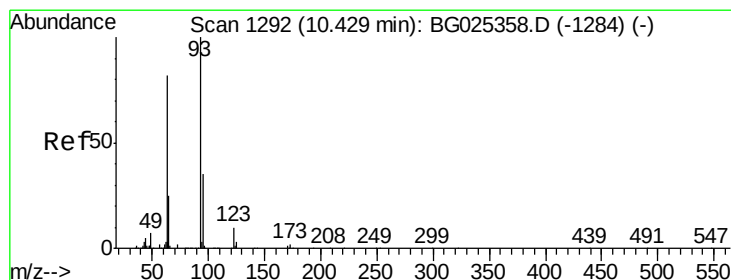
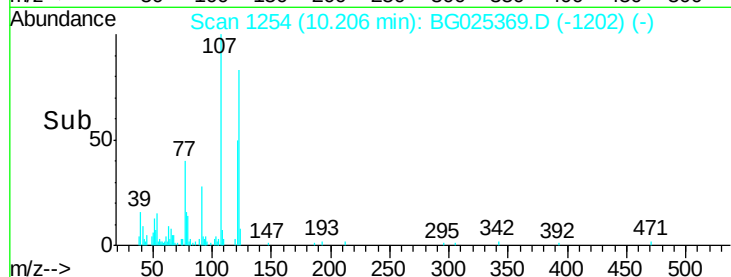
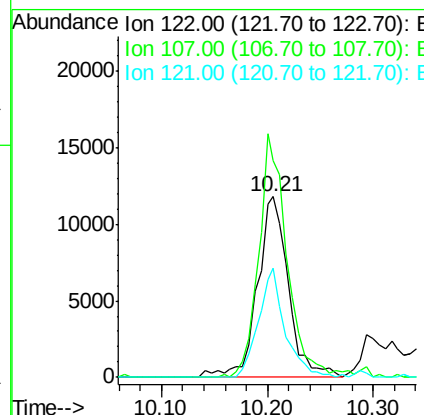
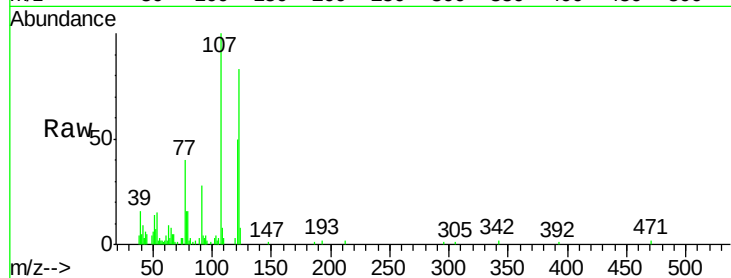




#27
 2,4-Dimethylphenol
 Concen: 7.37 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

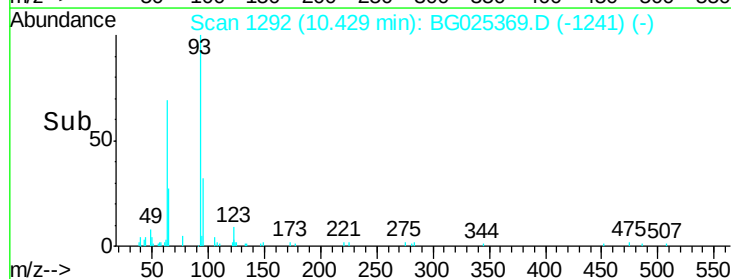
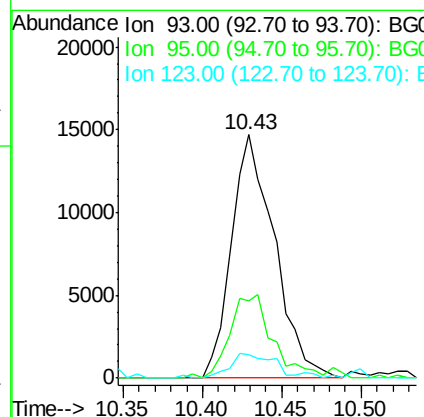
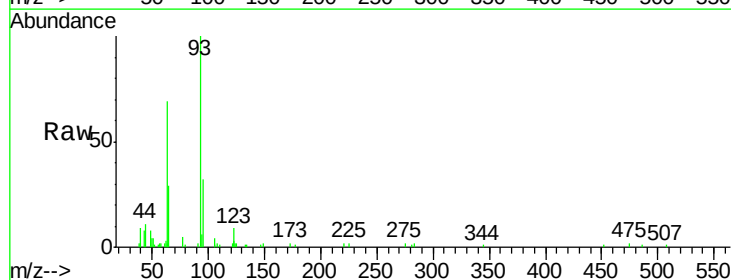
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

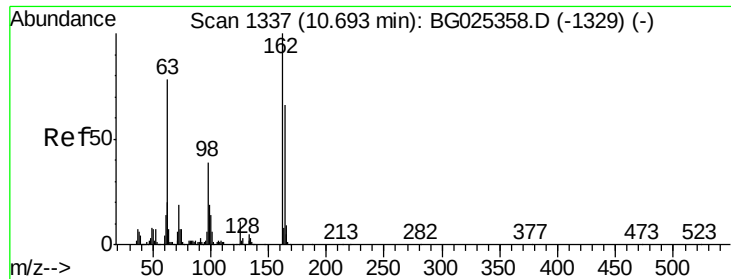
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.8	104.2	156.4
121	60.4	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.21 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.7	38.5
123	9.5	8.3	12.5

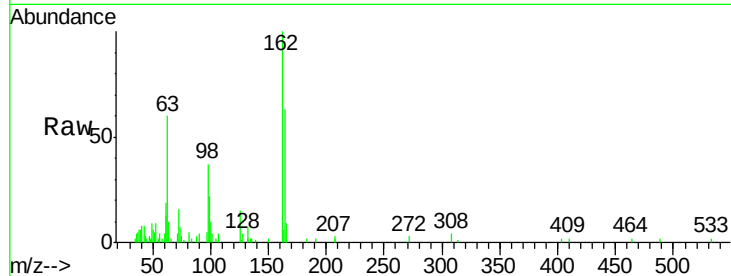




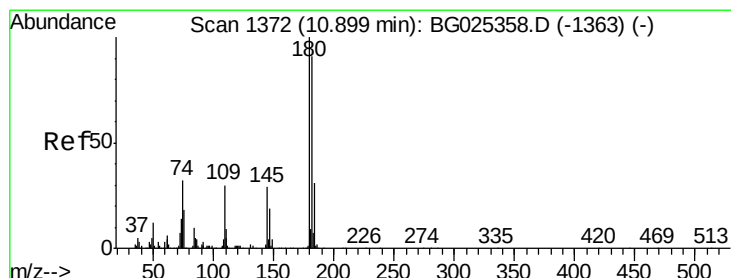
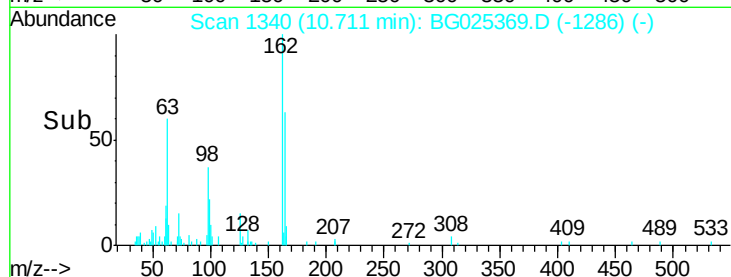
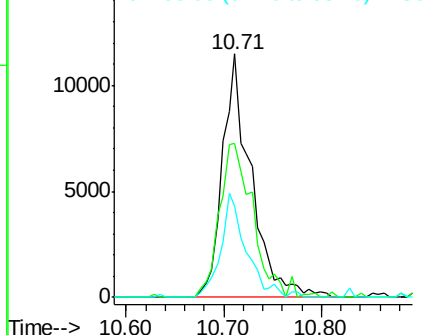
#29
2,4-Dichlorophenol
Concen: 6.64 ng
RT: 10.71 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

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

Tgt Ion:162 Resp: 23244
Ion Ratio Lower Upper
162 100
164 63.2 42.4 82.4
98 37.3 20.3 60.3

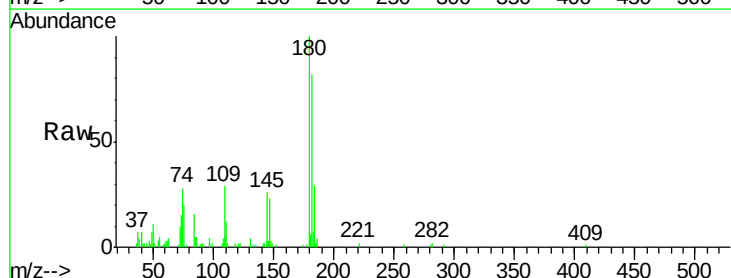


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

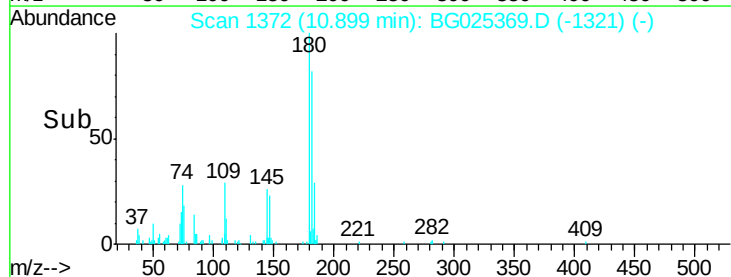
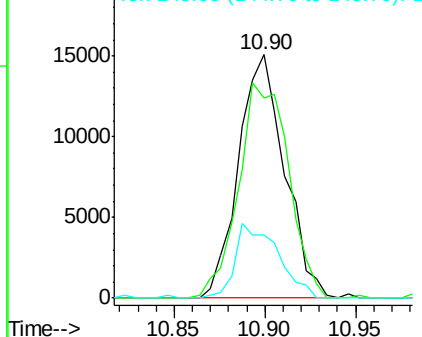


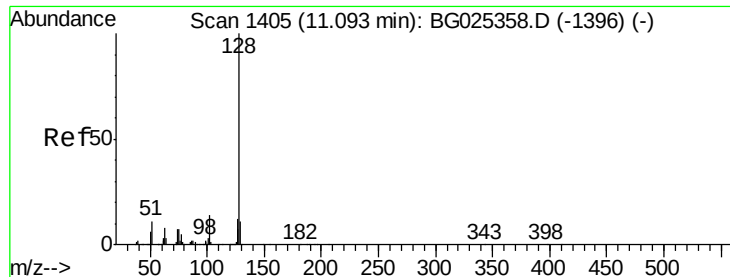
#30
1,2,4-Trichlorobenzene
Concen: 6.31 ng
RT: 10.90 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:180 Resp: 26683
Ion Ratio Lower Upper
180 100
182 82.2 77.0 115.4
145 26.1 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

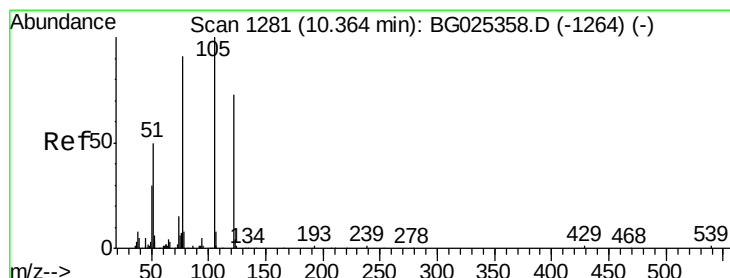
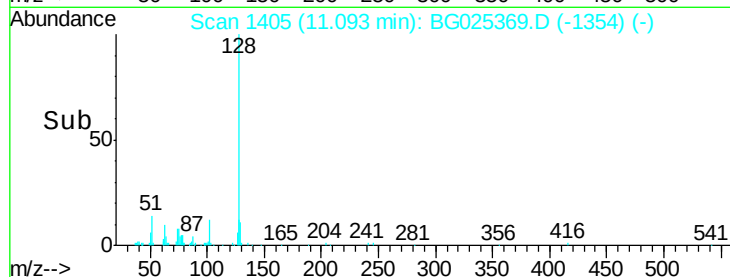
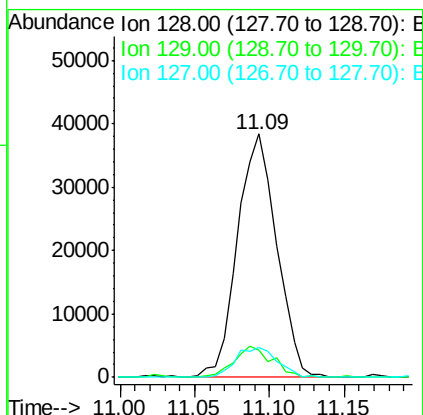
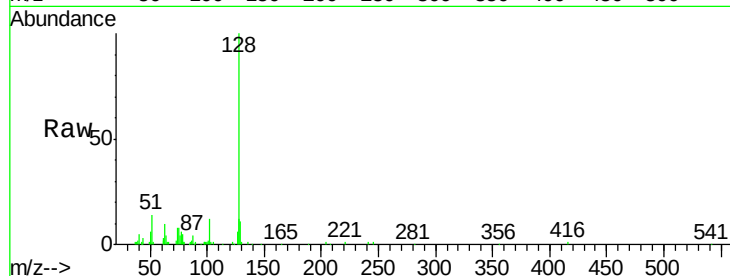




#31
Naphthalene
Concen: 6.69 ng
RT: 11.09 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

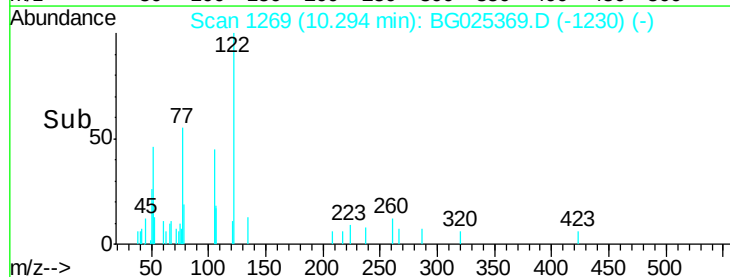
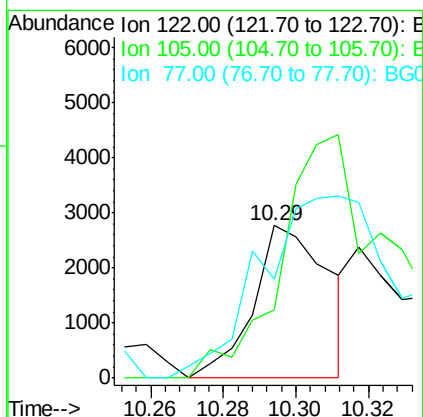
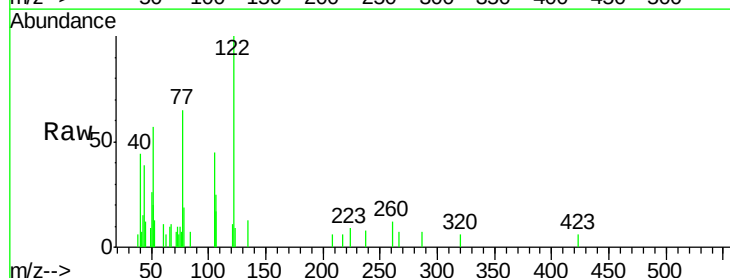
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

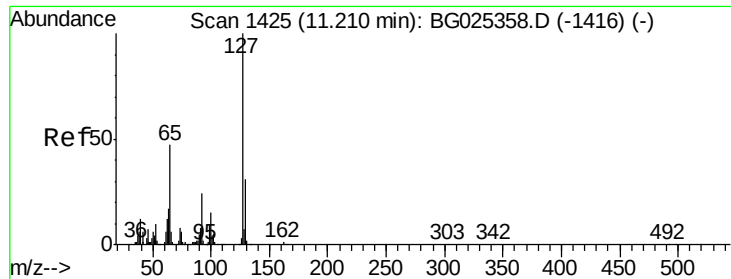
Tgt Ion:128 Resp: 70089
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 12.1 11.4 17.0



#32
Benzoic acid
Concen: 1.51 ng
RT: 10.29 min Scan# 1269
Delta R.T. -0.07 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:122 Resp: 3965
Ion Ratio Lower Upper
122 100
105 45.0 120.1 160.1#
77 64.7 104.6 144.6#

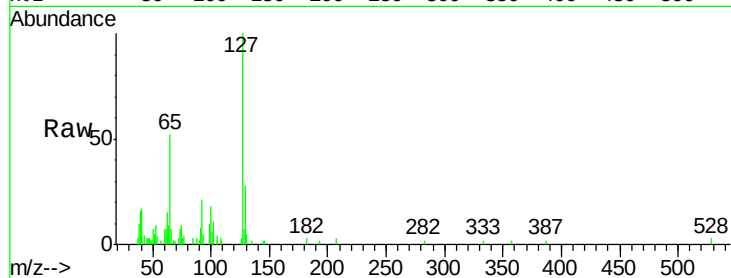




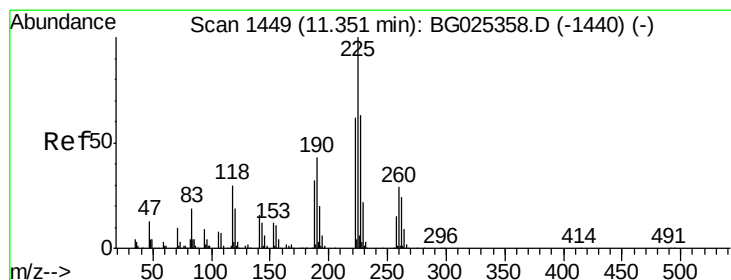
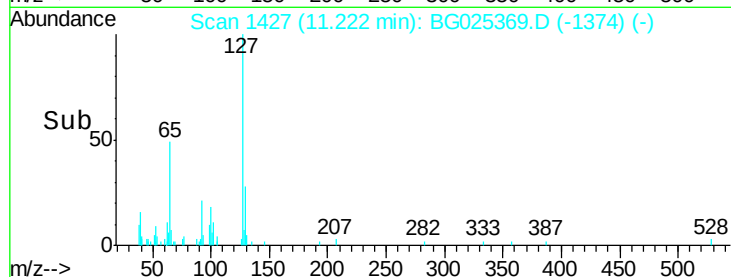
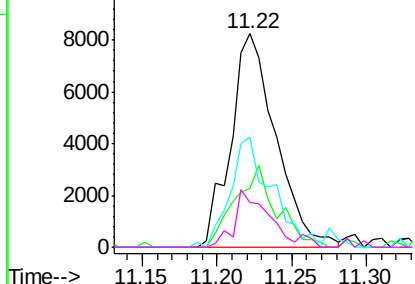
#33
4-Chloroaniline
Concen: 3.94 ng
RT: 11.22 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

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

Tgt Ion:	127	Resp:	17332
Ion	Ratio	Lower	Upper
127	100		
129	27.7	23.6	35.4
65	51.8	37.7	56.5
92	20.9	17.6	26.4

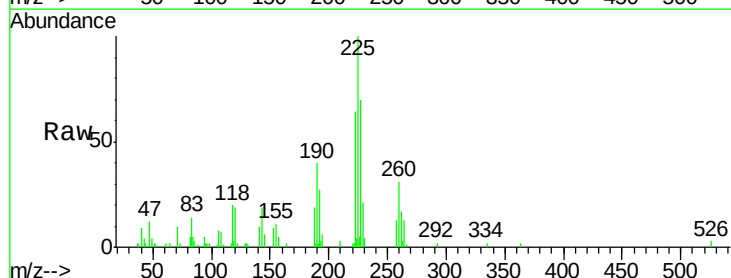


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

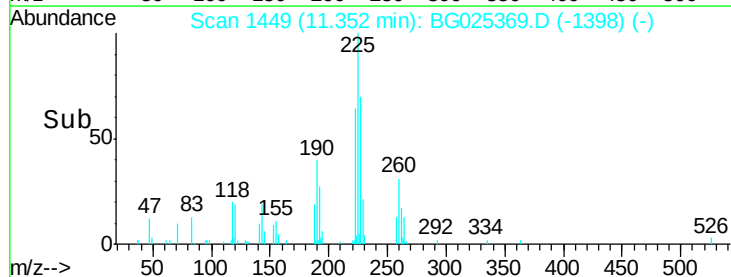
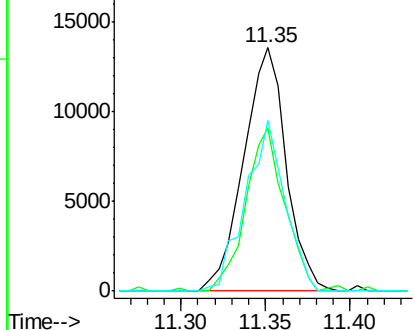


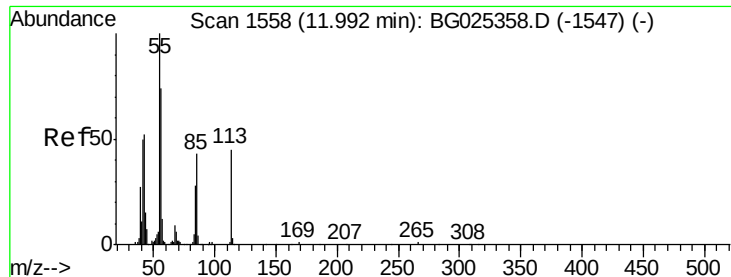
#34
Hexachlorobutadiene
Concen: 6.85 ng
RT: 11.35 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:	225	Resp:	23664
Ion	Ratio	Lower	Upper
225	100		
223	67.1	50.7	76.1
227	70.2	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: 4.38 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

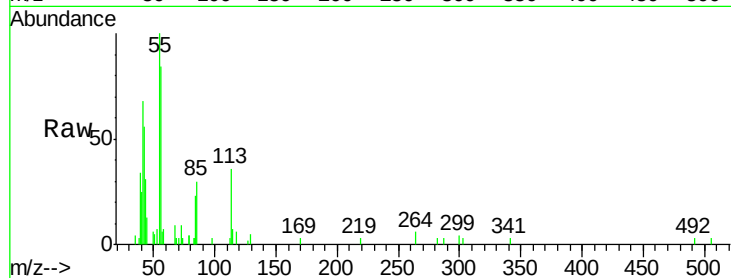
Tgt Ion:113 Resp: 5767

Ion Ratio Lower Upper

113 100

55 279.8 198.6 238.6#

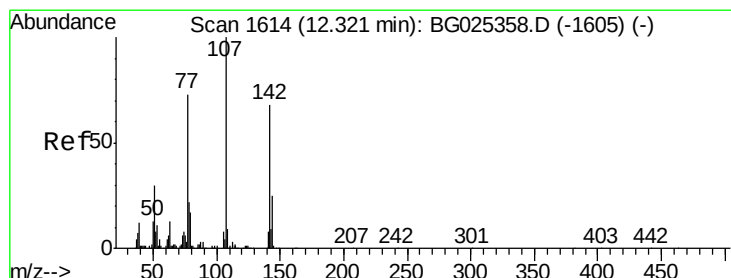
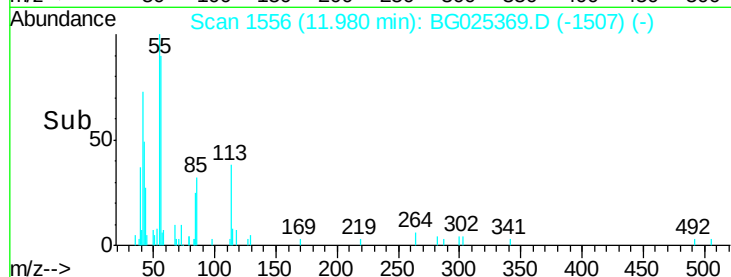
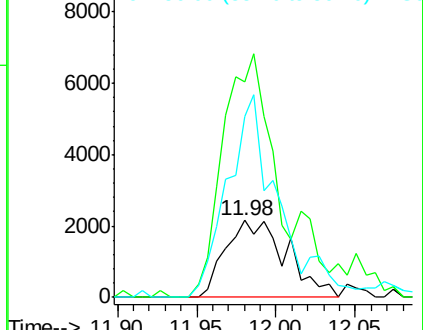
56 234.0 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 6.24 ng

RT: 12.33 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

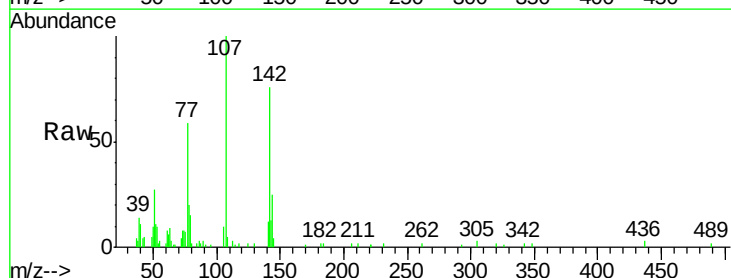
Tgt Ion:107 Resp: 26974

Ion Ratio Lower Upper

107 100

144 24.8 17.4 26.0

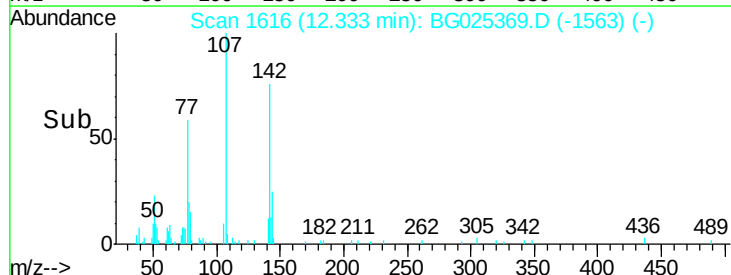
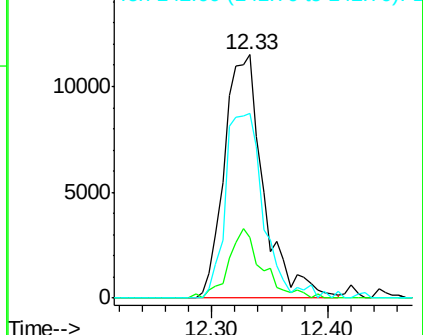
142 75.6 54.1 81.1

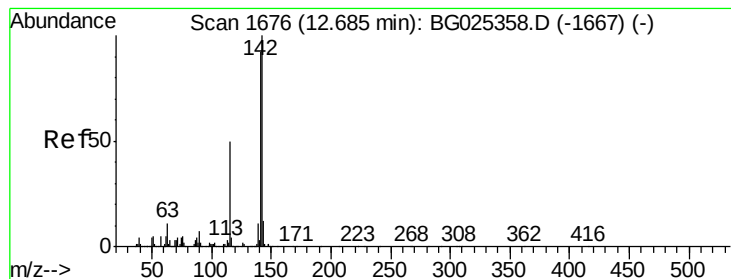


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6.23 ng

RT: 12.68 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

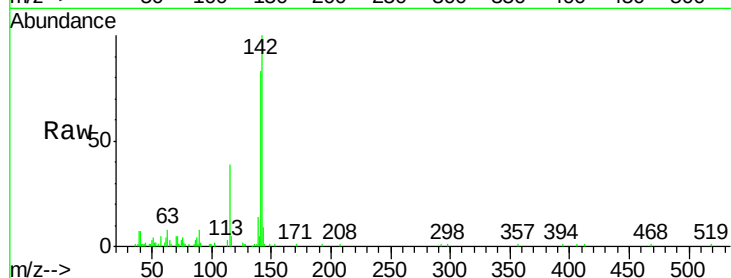
Tgt Ion:142 Resp: 48351

Ion Ratio Lower Upper

142 100

141 83.1 70.4 105.6

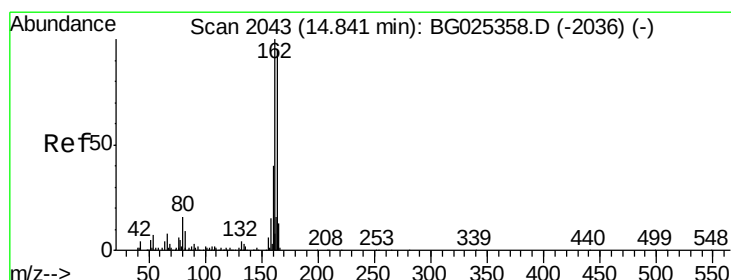
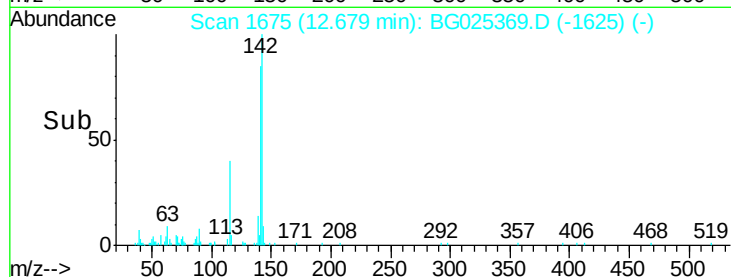
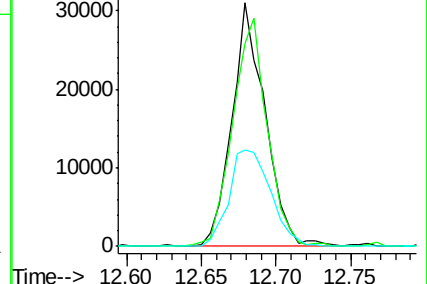
115 39.5 35.5 53.3



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: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

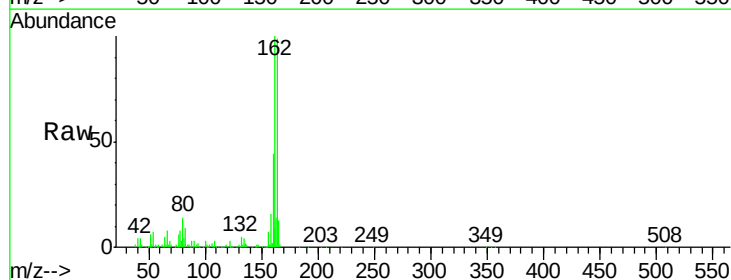
Tgt Ion:164 Resp: 165072

Ion Ratio Lower Upper

164 100

162 100.5 85.1 127.7

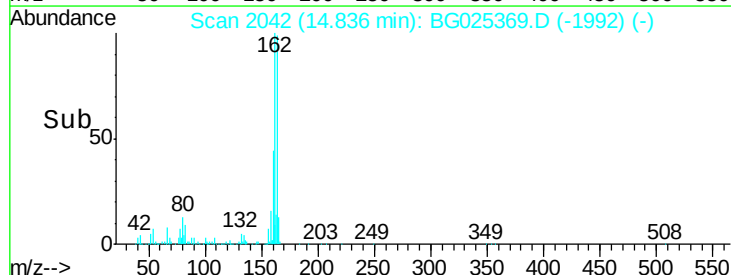
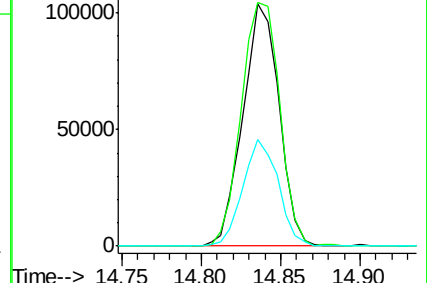
160 44.3 34.7 52.1

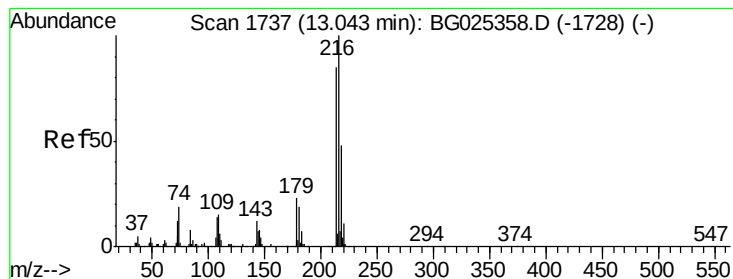


Abundance Ion 164.00 (163.70 to 164.70): E

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: 6.72 ng

RT: 13.04 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

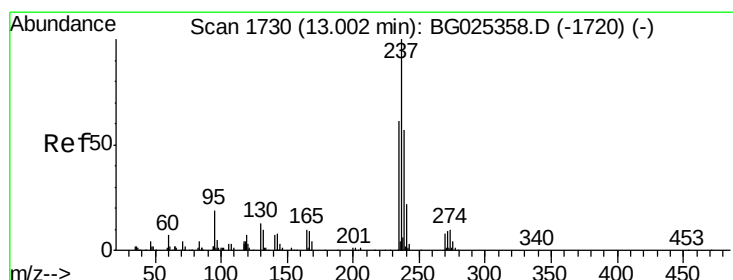
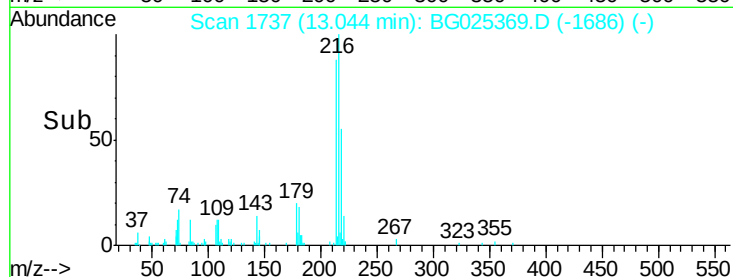
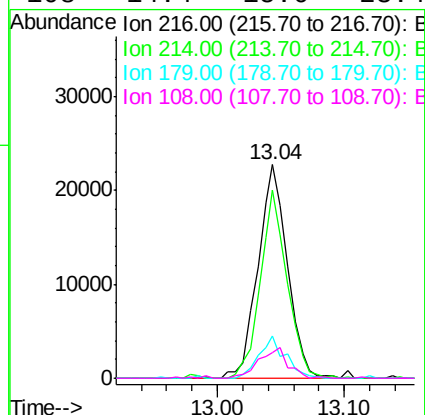
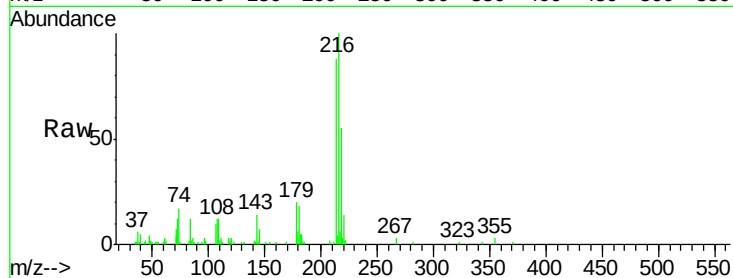
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

Tgt Ion:	216	Resp:	36649
Ion	Ratio	Lower	Upper
216	100		
214	80.9	64.4	96.6
179	17.9	17.4	26.0
108	14.4	15.6	23.4#



#40

Hexachlorocyclopentadiene

Concen: 9.88 ng

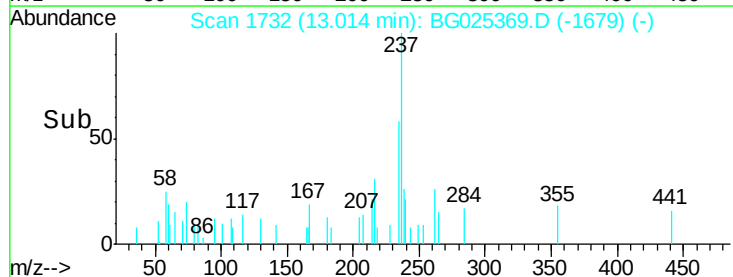
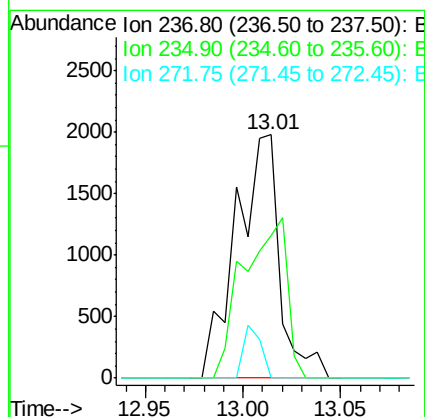
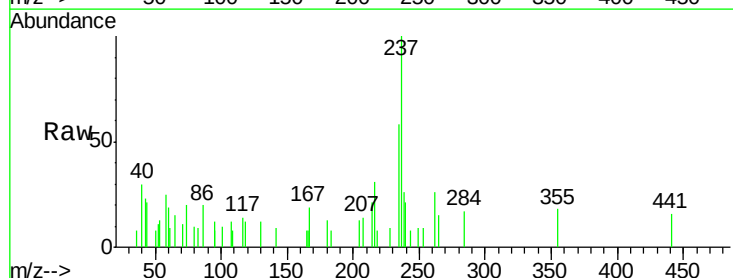
RT: 13.01 min Scan# 1732

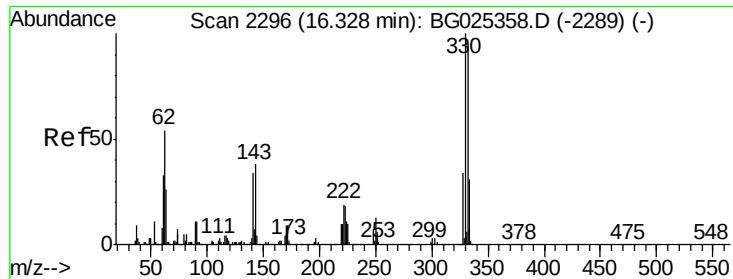
Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	237	Resp:	3047
Ion	Ratio	Lower	Upper
237	100		
235	58.4	39.4	79.4
272	0.0	0.0	32.0

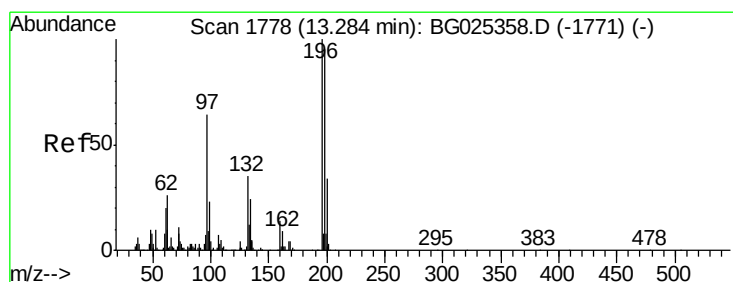
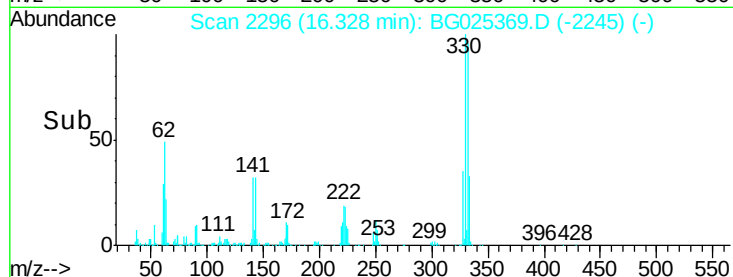
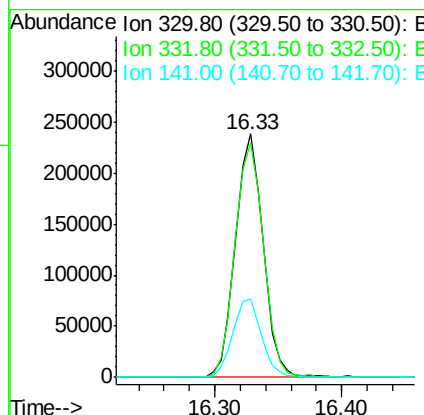
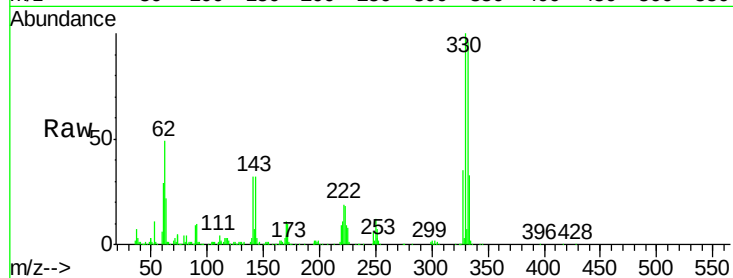




#41
2,4,6-Tribromophenol
Concen: 135.41 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

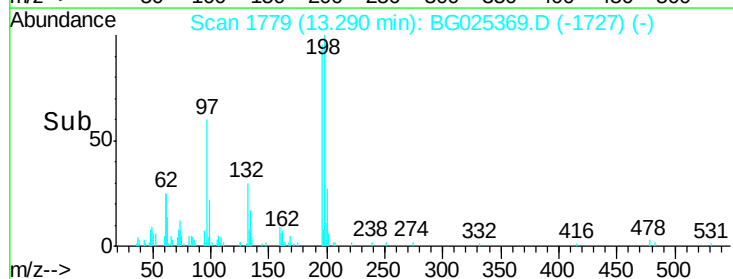
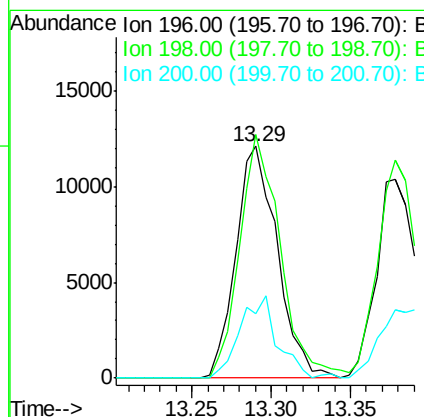
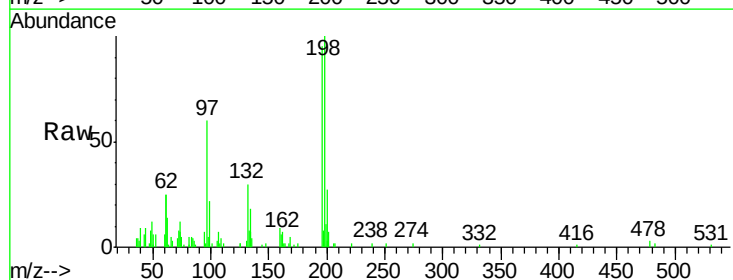
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

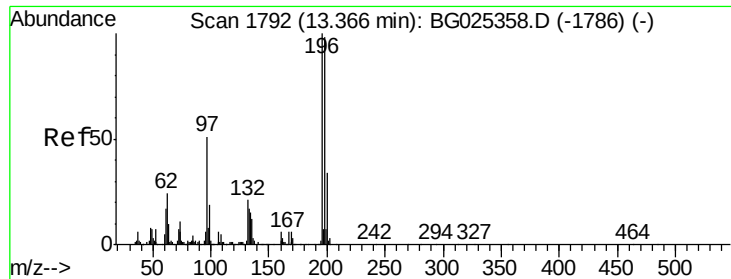
Tgt Ion:330 Resp: 359859
Ion Ratio Lower Upper
330 100
332 99.3 77.3 115.9
141 33.3 32.1 48.1



#42
2,4,6-Trichlorophenol
Concen: 6.41 ng
RT: 13.29 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:196 Resp: 22011
Ion Ratio Lower Upper
196 100
198 105.2 81.4 122.2
200 27.9 27.0 40.6

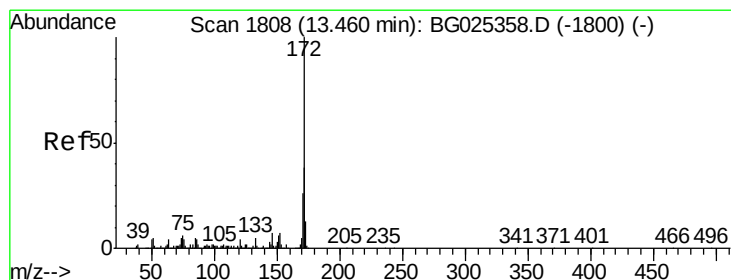
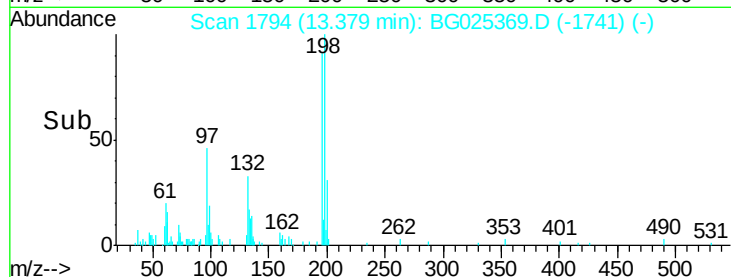
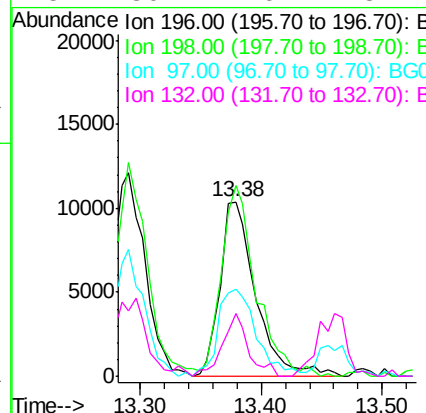
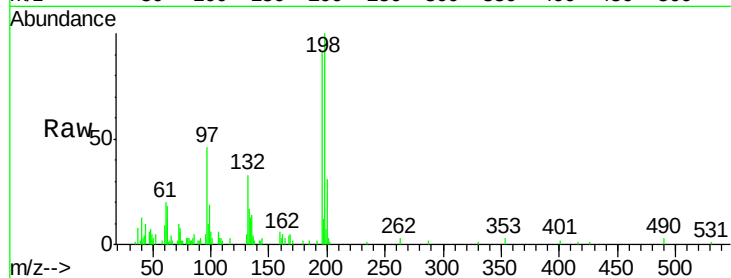




#43
 2,4,5-Trichlorophenol
 Concen: 5.87 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

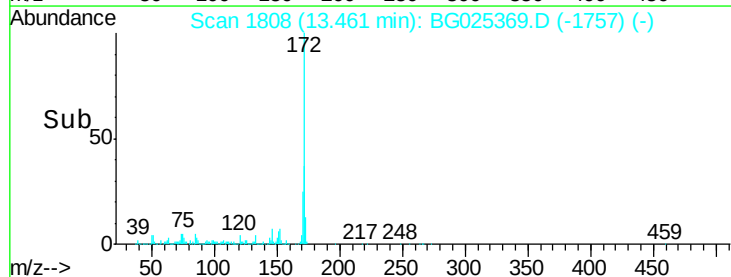
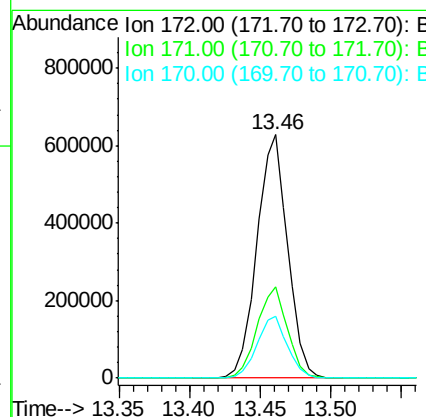
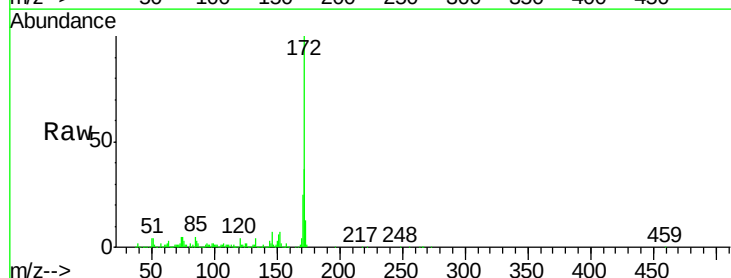
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

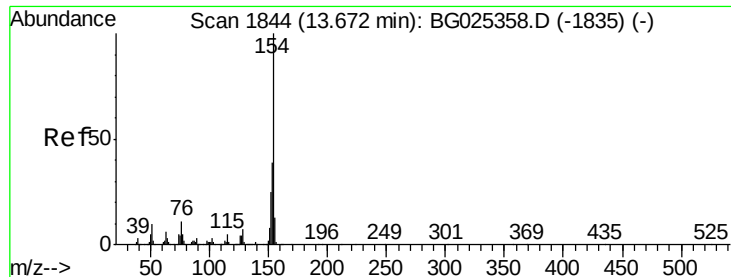
Tgt Ion:196 Resp: 21093
 Ion Ratio Lower Upper
 196 100
 198 109.6 79.9 119.9
 97 50.0 45.4 68.0
 132 36.2 20.7 31.1#



#44
 2-Fluorobiphenyl
 Concen: 93.98 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

Tgt Ion:172 Resp: 958260
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 25.2 21.8 32.6

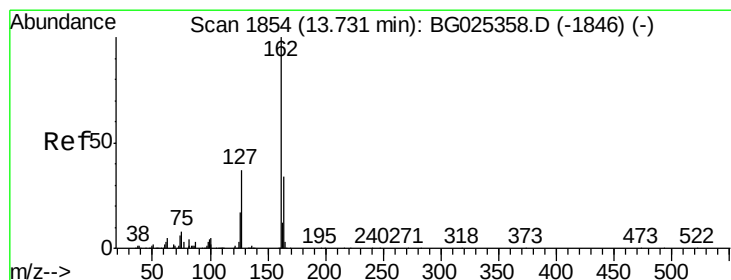
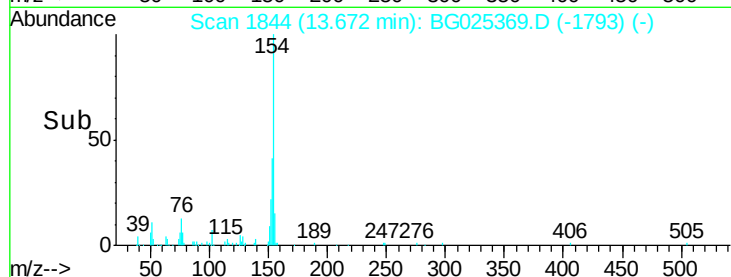
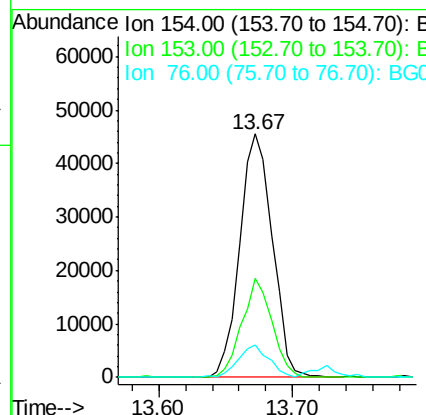
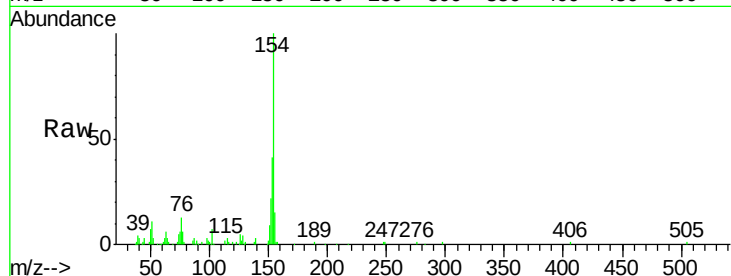




#45
 1,1'-Biphenyl
 Concen: 6.92 ng
 RT: 13.67 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

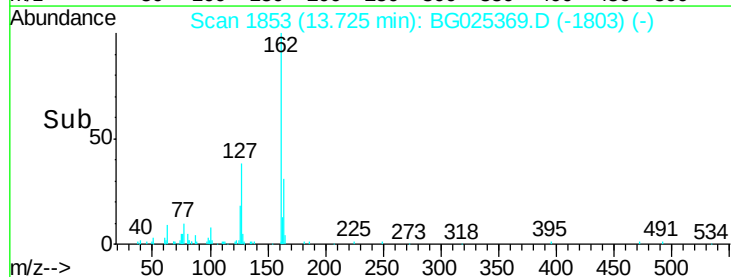
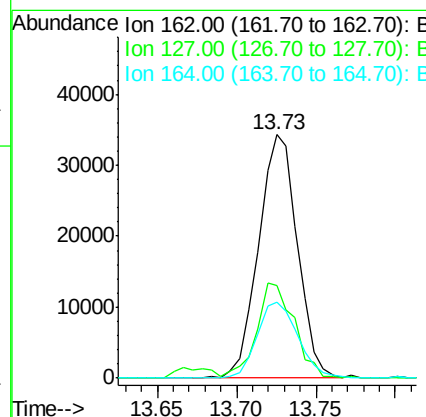
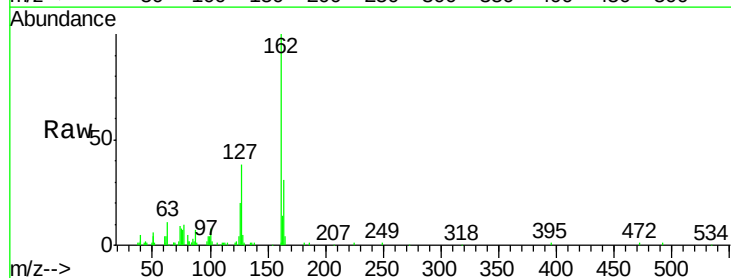
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

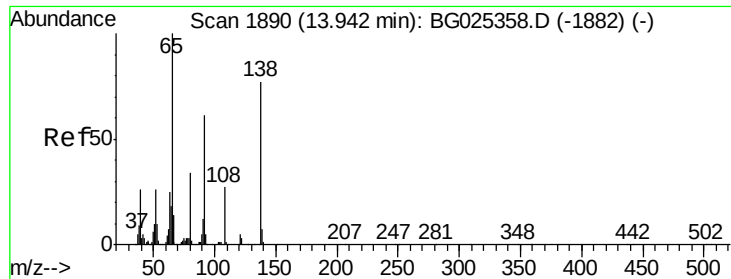
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.0	63.0
76	13.5	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 6.73 ng
 RT: 13.73 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.2	48.4
164	31.2	27.3	40.9





#47

2-Nitroaniline

Concen: 6.06 ng

RT: 13.95 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

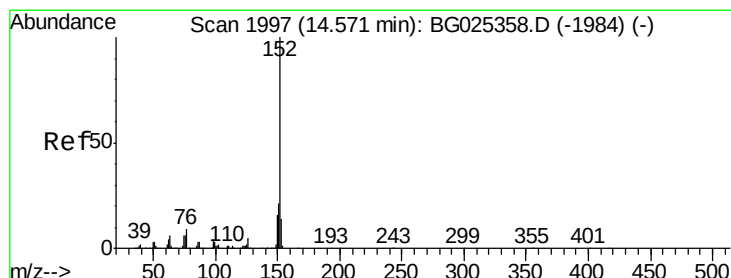
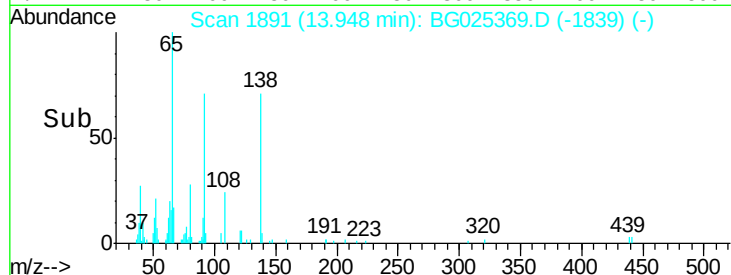
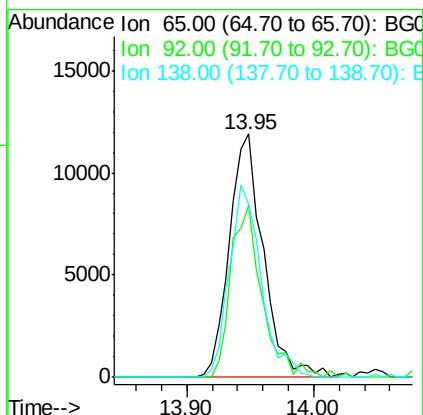
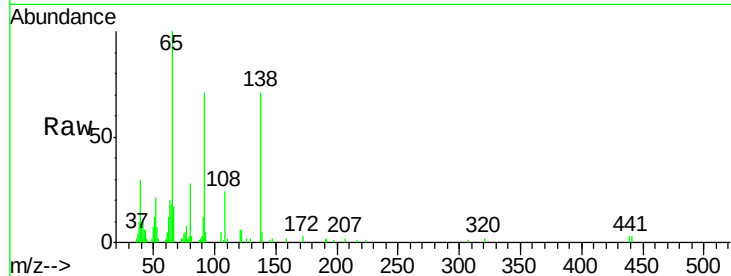
Tgt Ion: 65 Resp: 22186

Ion Ratio Lower Upper

65 100

92 70.7 49.0 73.4

138 71.3 58.6 87.8



#48

Acenaphthylene

Concen: 6.48 ng

RT: 14.57 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

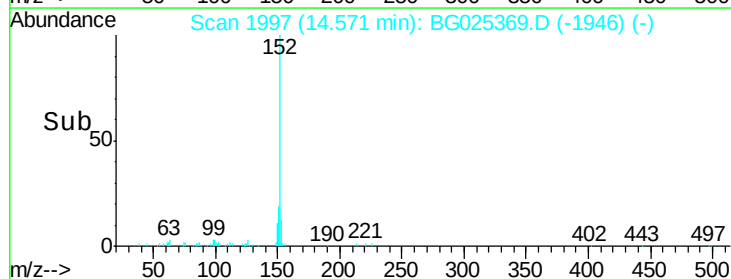
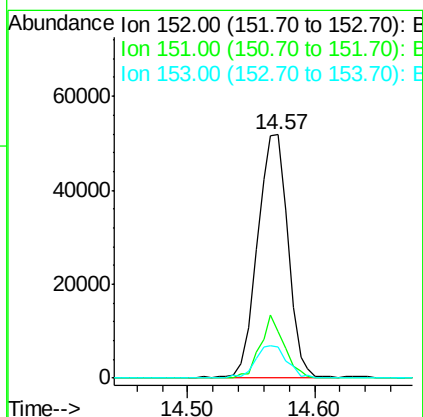
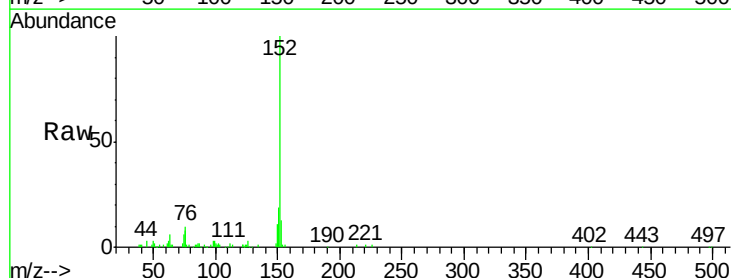
Tgt Ion: 152 Resp: 87164

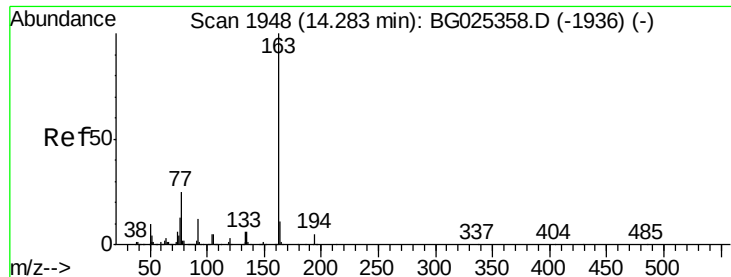
Ion Ratio Lower Upper

152 100

151 18.9 18.2 27.2

153 12.8 11.3 16.9





#49

Dimethylphthalate

Concen: 6.43 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

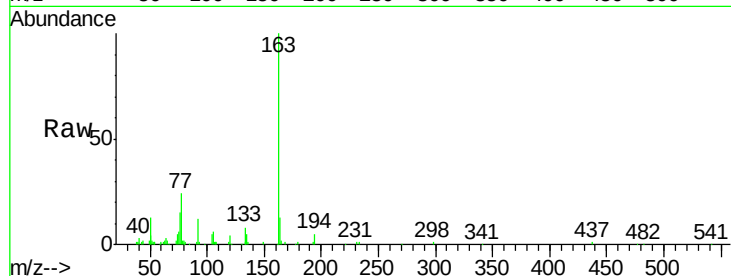
Tgt Ion:163 Resp: 77400

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

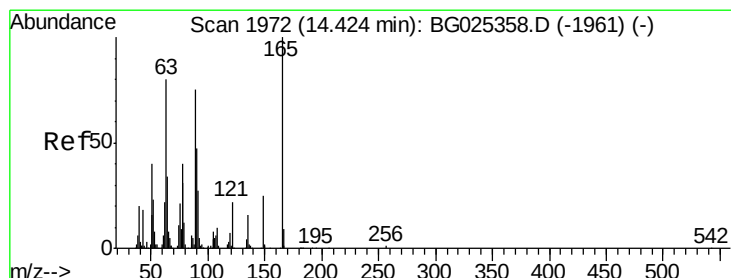
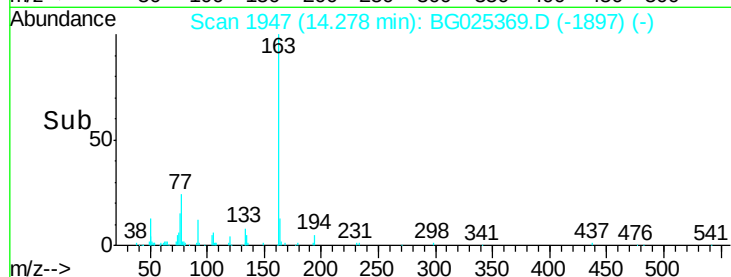
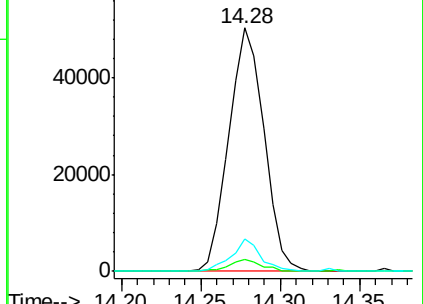
164 13.3 9.3 13.9



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: 6.02 ng

RT: 14.42 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

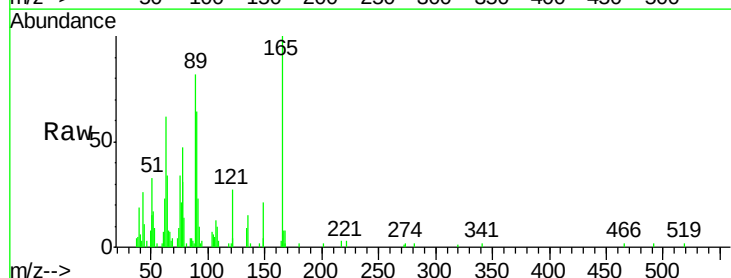
Tgt Ion:165 Resp: 15835

Ion Ratio Lower Upper

165 100

63 62.1 63.9 95.9#

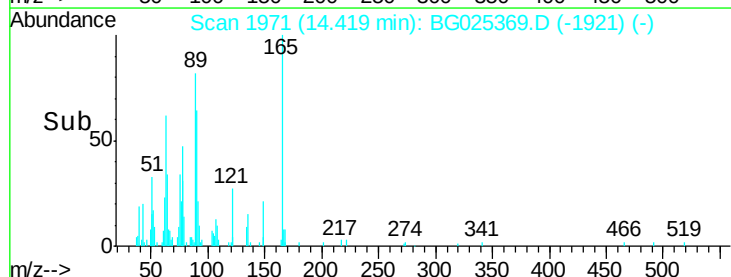
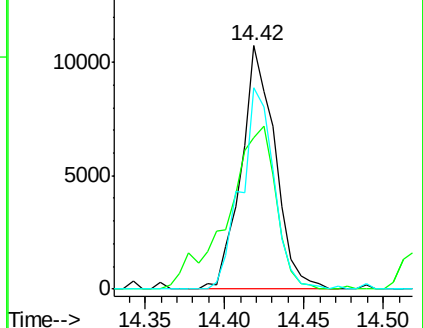
89 82.5 58.6 88.0

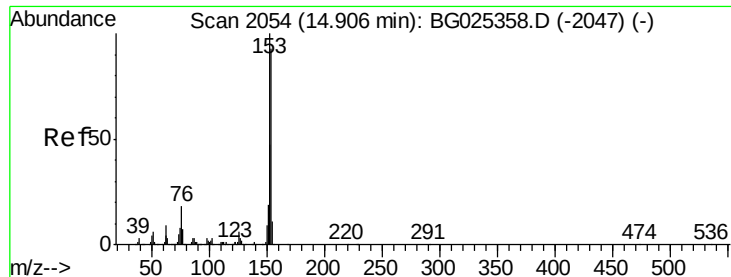


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 6.71 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

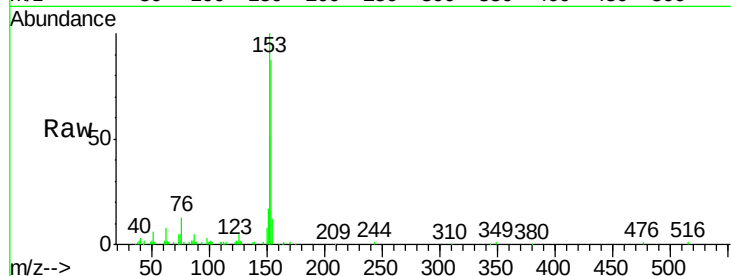
Tgt Ion:154 Resp: 58963

Ion Ratio Lower Upper

154 100

153 114.6 87.8 131.6

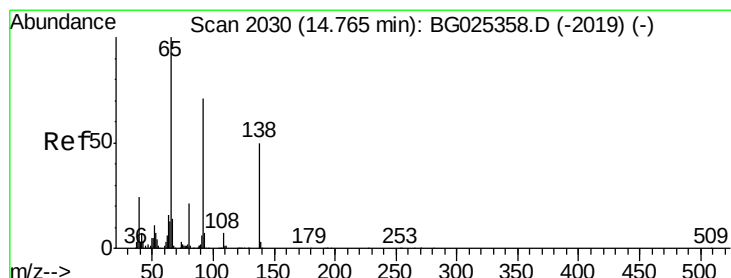
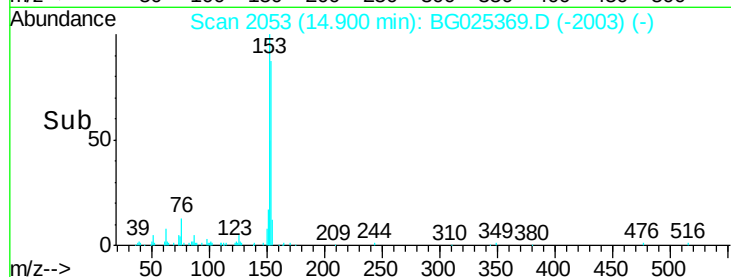
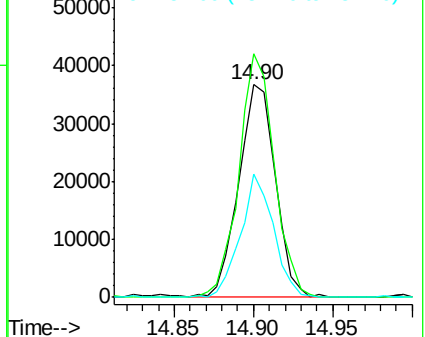
152 58.0 42.2 63.4



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



#52

3-Nitroaniline

Concen: 4.70 ng

RT: 14.77 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

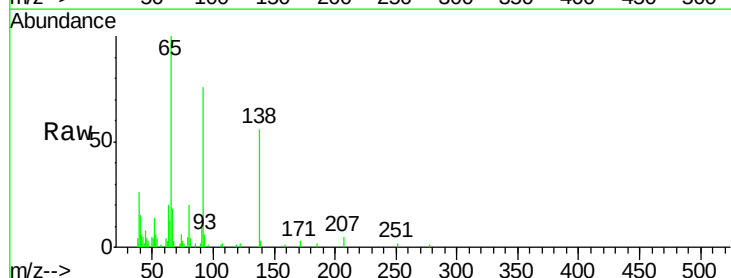
Tgt Ion:138 Resp: 11867

Ion Ratio Lower Upper

138 100

108 4.1 10.9 16.3#

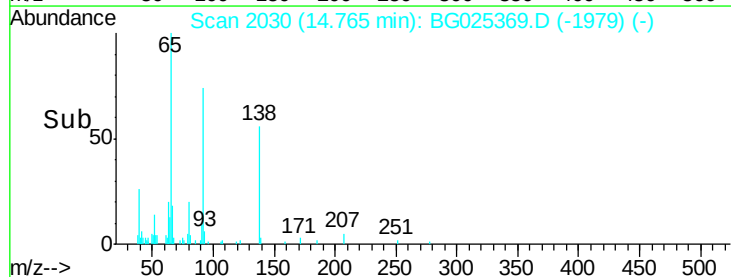
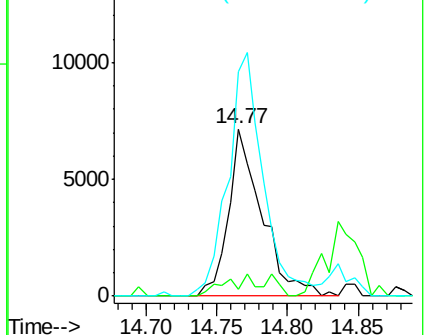
92 134.5 115.3 172.9

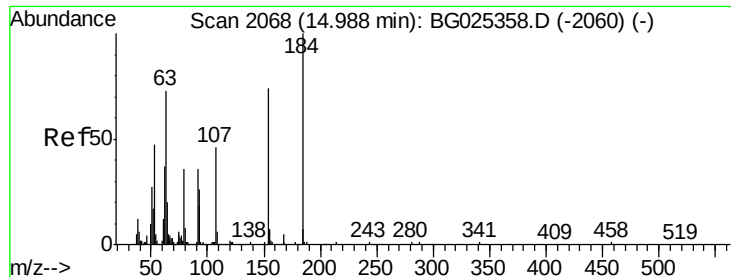


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

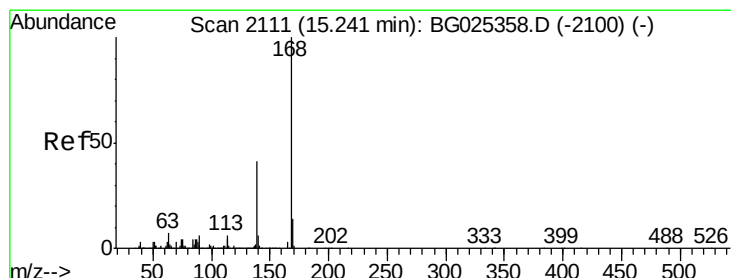
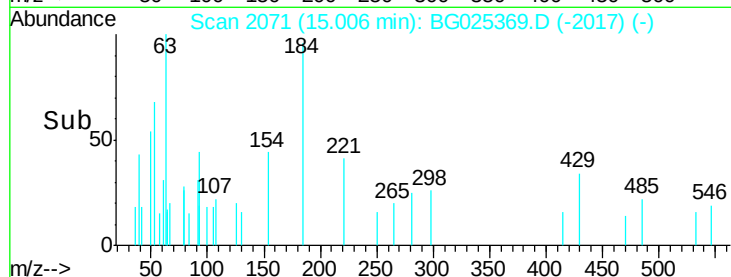
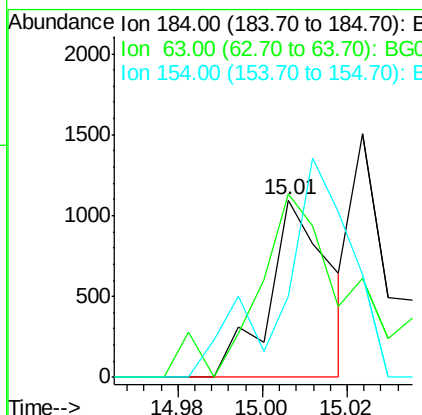
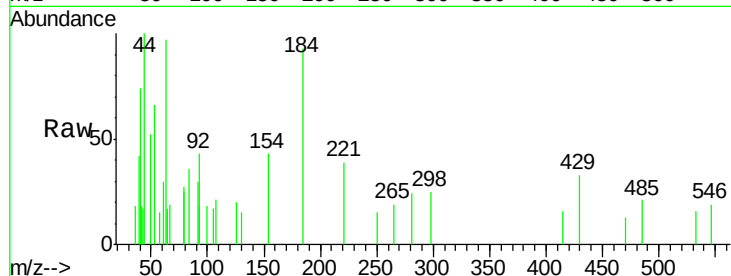




#53
2,4-Dinitrophenol
Concen: 5.67 ng
RT: 15.01 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

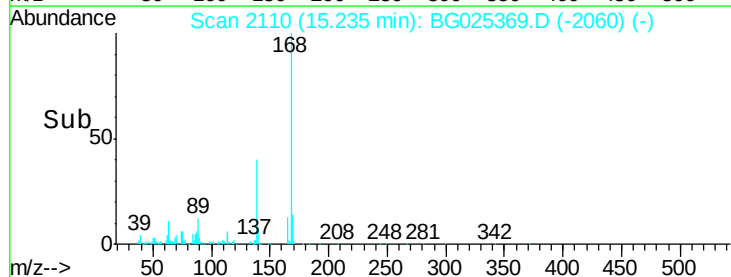
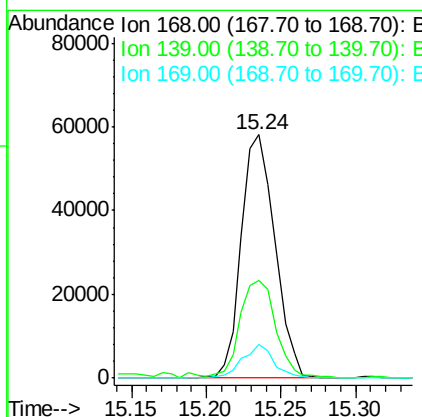
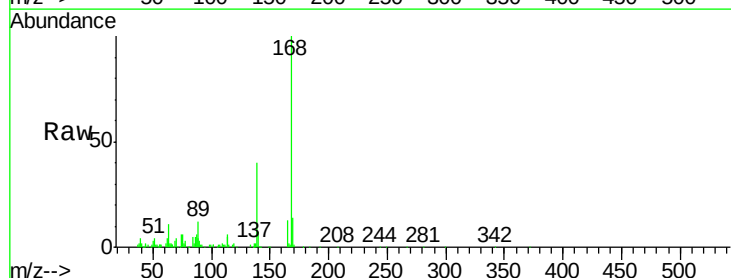
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

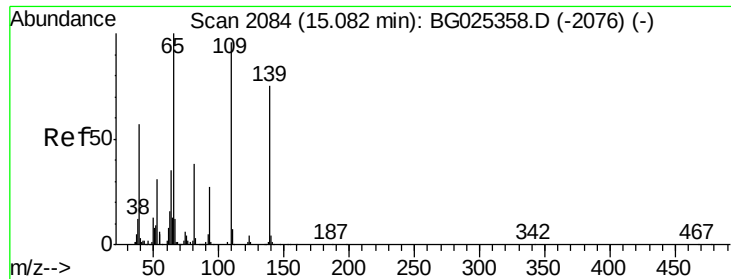
Tgt Ion:184 Resp: 1089
Ion Ratio Lower Upper
184 100
63 103.7 52.7 79.1#
154 45.8 57.3 85.9#



#54
Dibenzofuran
Concen: 6.55 ng
RT: 15.24 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:168 Resp: 91004
Ion Ratio Lower Upper
168 100
139 40.2 35.3 52.9
169 13.6 11.5 17.3





#55

4-Nitrophenol

Concen: 5.02 ng

RT: 15.11 min Scan# 2088

Delta R.T. 0.02 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

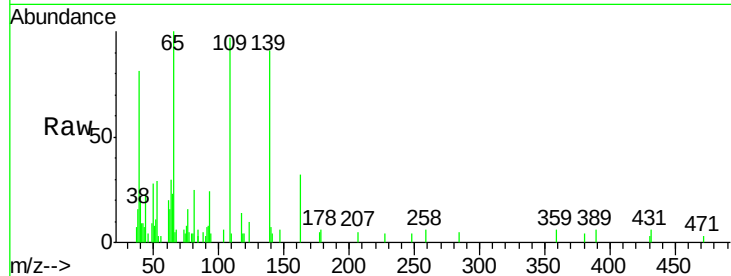
Tgt Ion:139 Resp: 9467

Ion Ratio Lower Upper

139 100

109 106.8 101.2 141.2

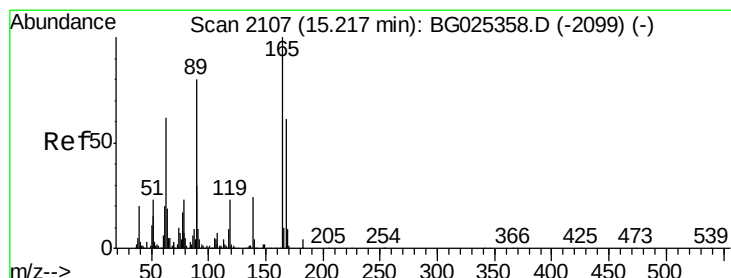
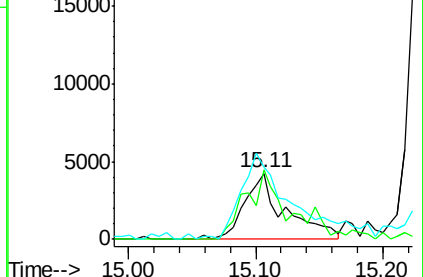
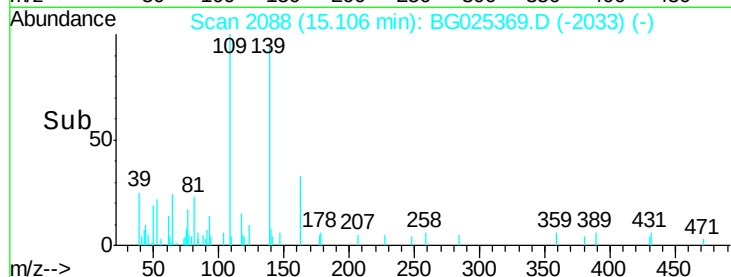
65 109.8 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 15.22 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:165 Resp: 23999

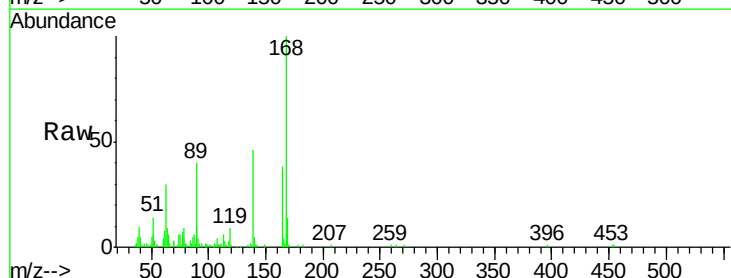
Ion Ratio Lower Upper

165 100

63 78.1 44.0 66.0#

89 105.3 67.3 100.9#

182 3.1 3.8 5.6#

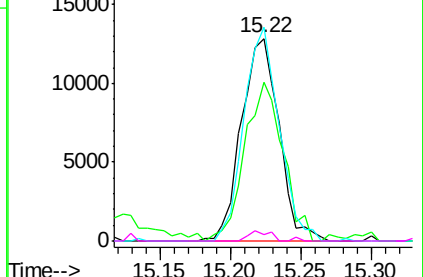
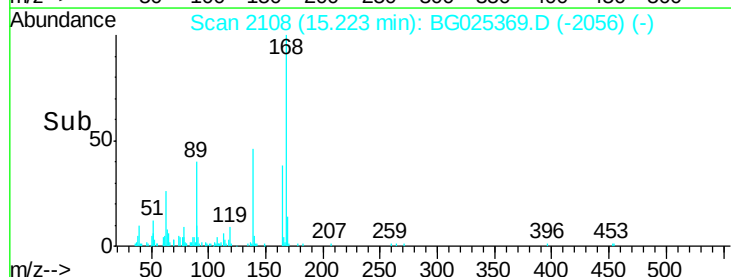


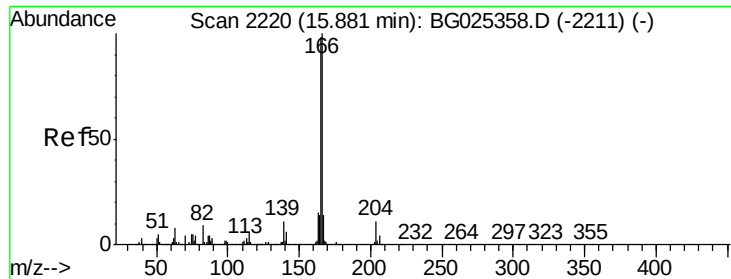
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 6.39 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

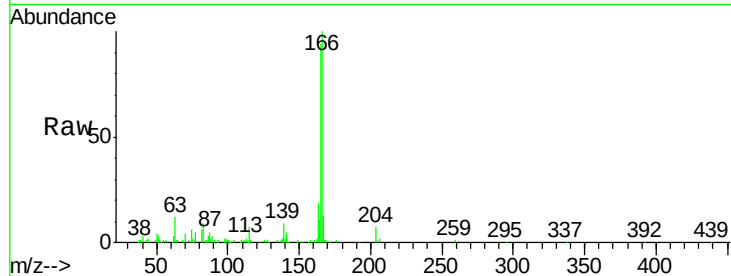
Tgt Ion:166 Resp: 74405

Ion Ratio Lower Upper

166 100

165 94.4 78.6 117.8

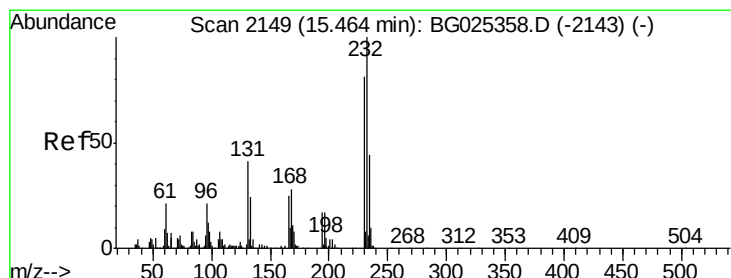
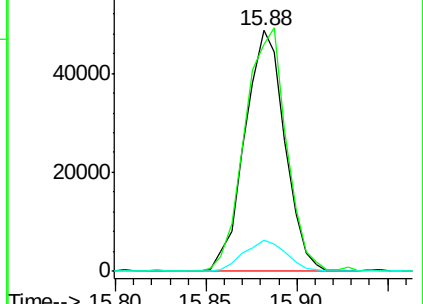
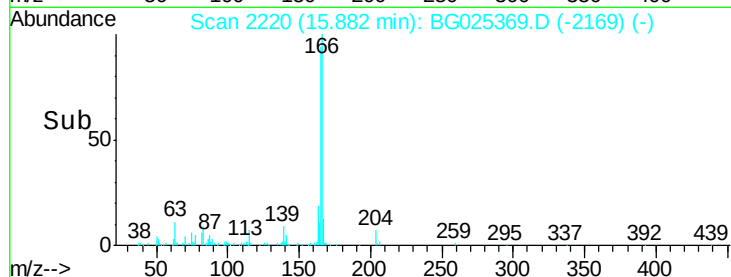
167 13.2 11.6 17.4



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 6.11 ng

RT: 15.47 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:232 Resp: 23502

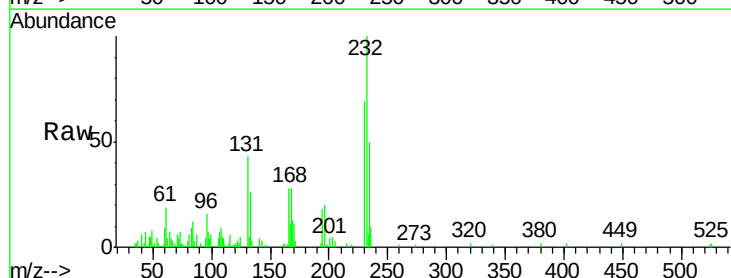
Ion Ratio Lower Upper

232 100

131 40.2 34.9 52.3

130 1.0 2.3 3.5#

166 27.0 24.2 36.4

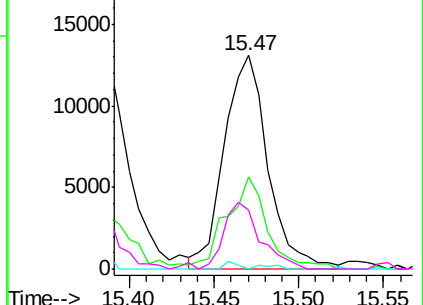
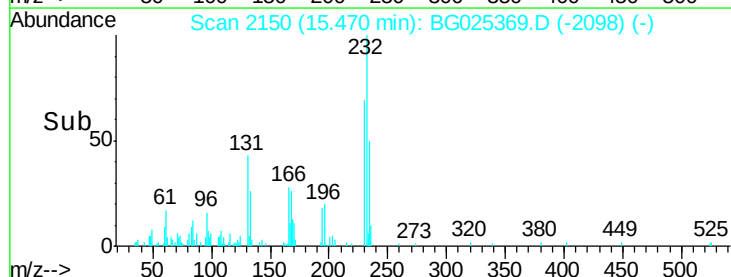


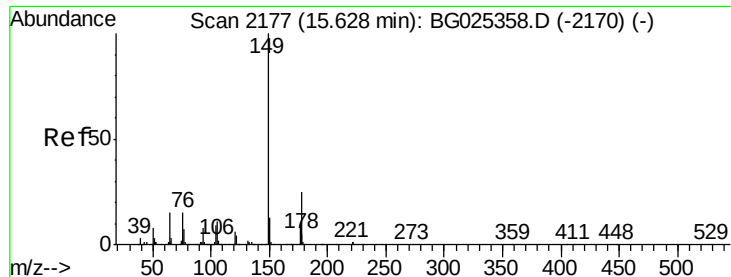
Abundance Ion 232.00 (231.70 to 232.70): E

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

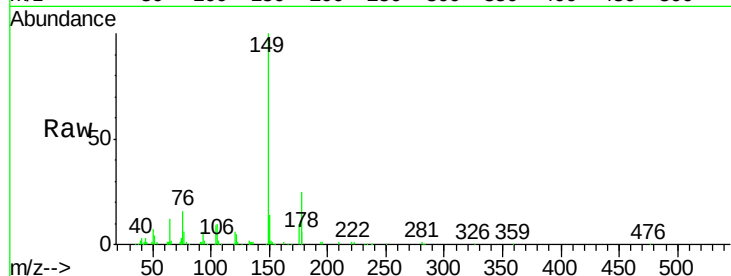




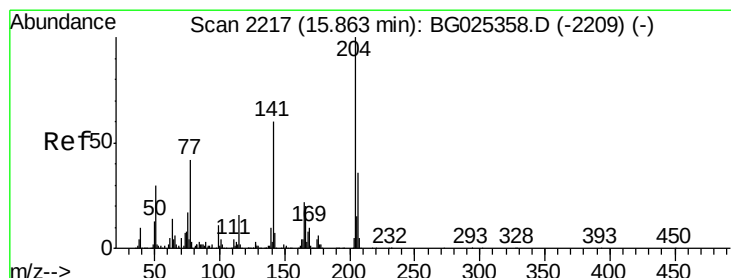
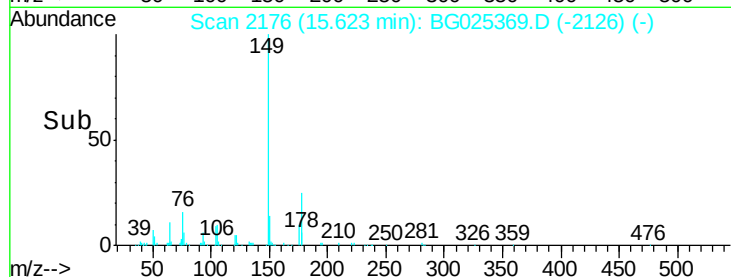
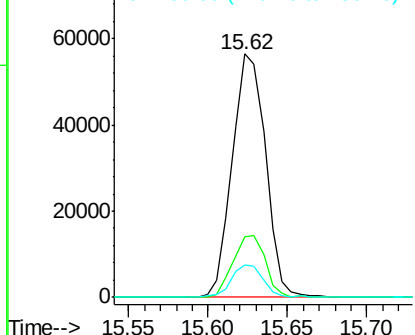
#59
Diethylphthalate
Concen: 6.54 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

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

Tgt Ion:149 Resp: 82509
Ion Ratio Lower Upper
149 100
177 24.7 20.1 30.1
150 13.5 10.2 15.2

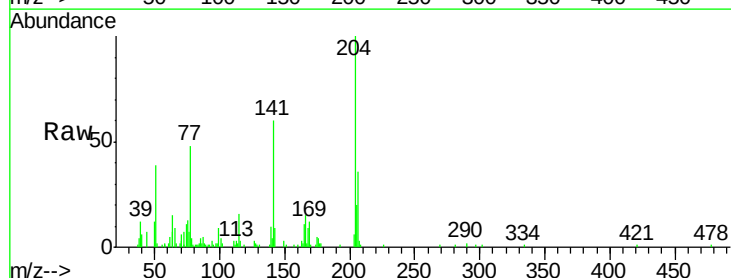


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

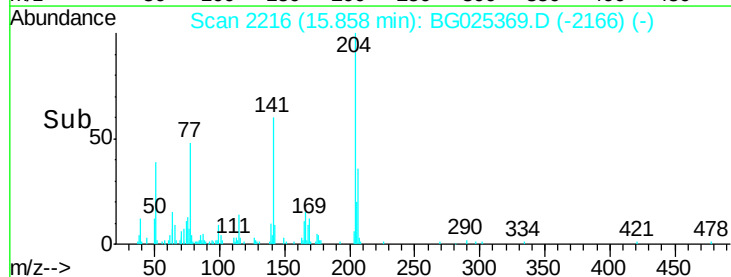
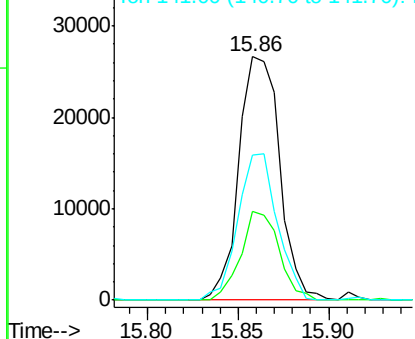


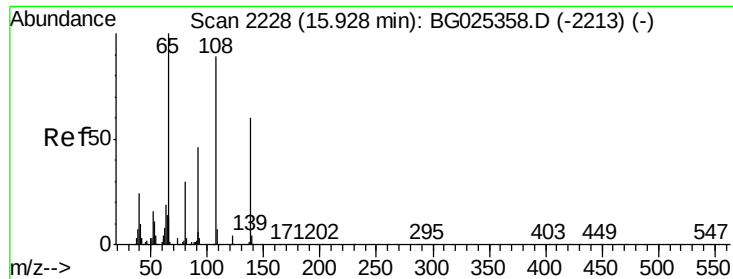
#60
4-Chlorophenyl-phenylether
Concen: 6.34 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:204 Resp: 41813
Ion Ratio Lower Upper
204 100
206 36.2 30.1 45.1
141 59.8 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

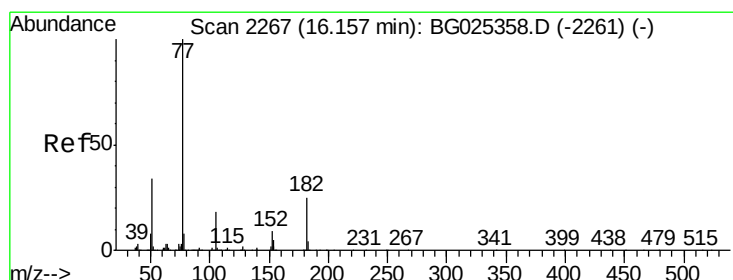
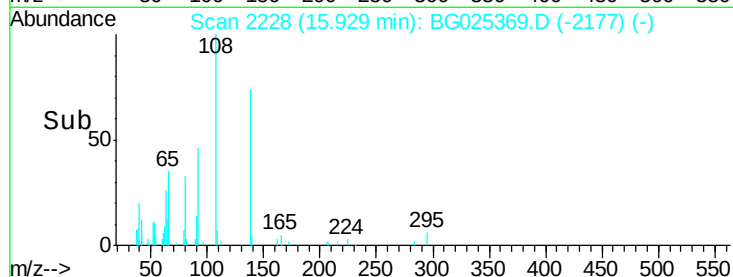
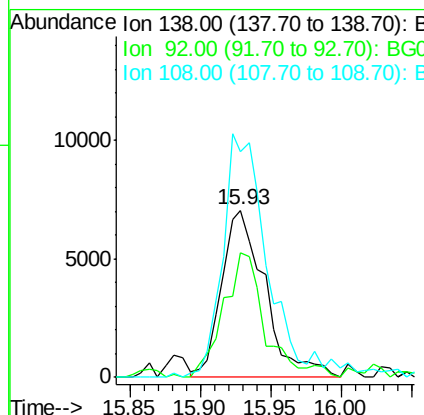
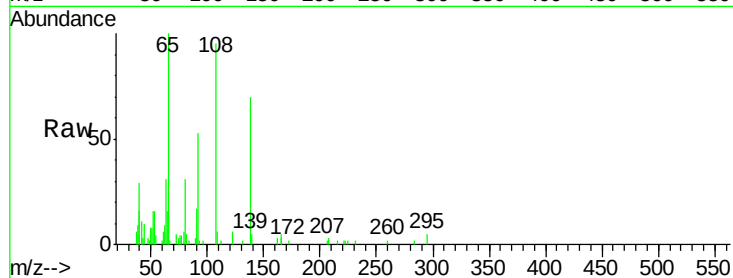




#61
4-Nitroaniline
Concen: 5.93 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

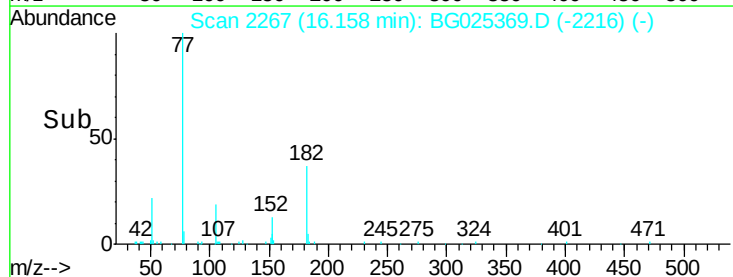
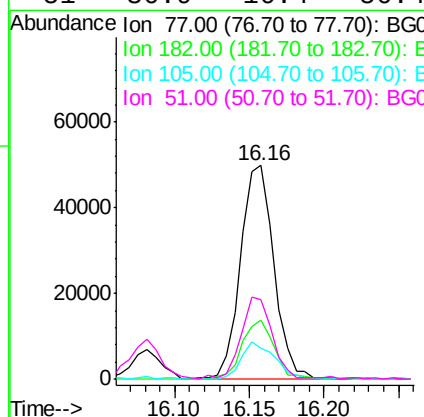
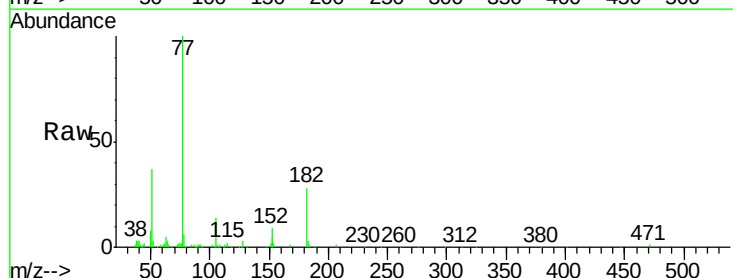
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

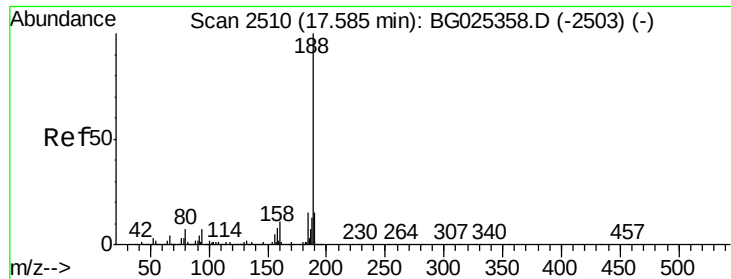
Tgt Ion: 138 Resp: 15084
Ion Ratio Lower Upper
138 100
92 74.7 44.2 84.2
108 134.9 104.8 144.8



#62
Azobenzene
Concen: 6.36 ng
RT: 16.16 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion: 77 Resp: 77384
Ion Ratio Lower Upper
77 100
182 27.6 4.7 44.7
105 14.1 0.0 36.3
51 36.9 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

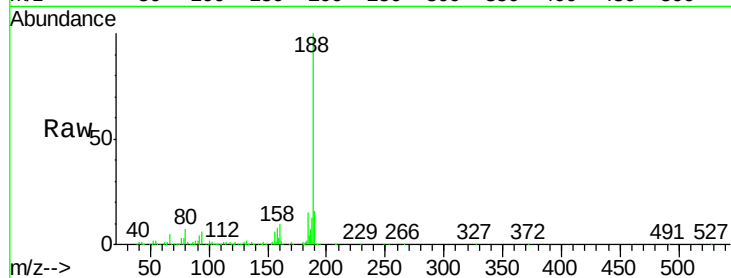
Tgt Ion:188 Resp: 395206

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

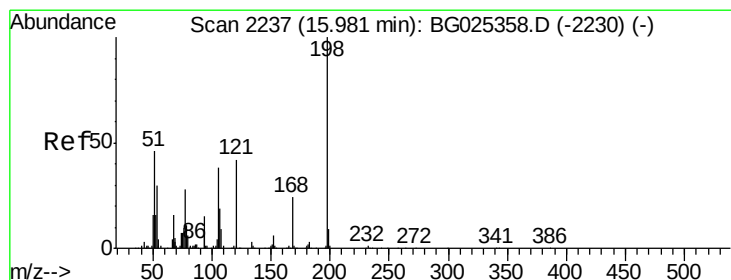
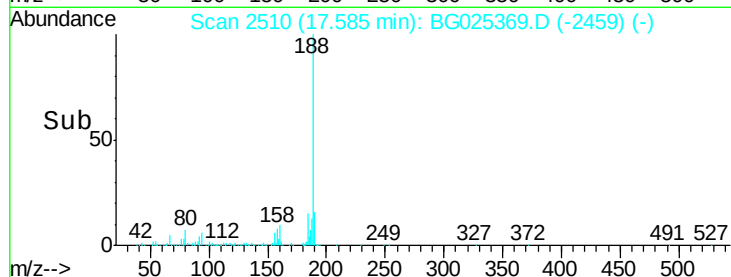
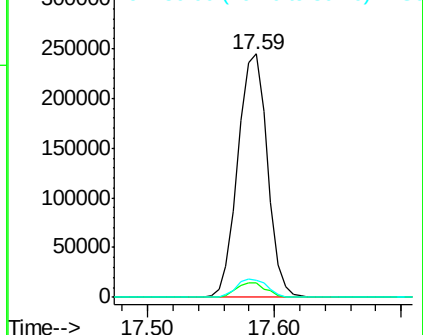
80 6.8 7.5 11.3#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.16 ng

RT: 15.99 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

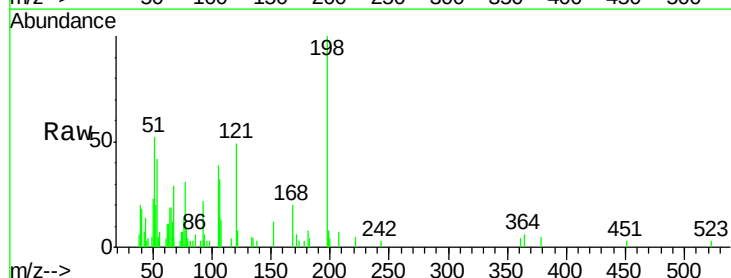
Tgt Ion:198 Resp: 11390

Ion Ratio Lower Upper

198 100

51 52.4 22.6 62.6

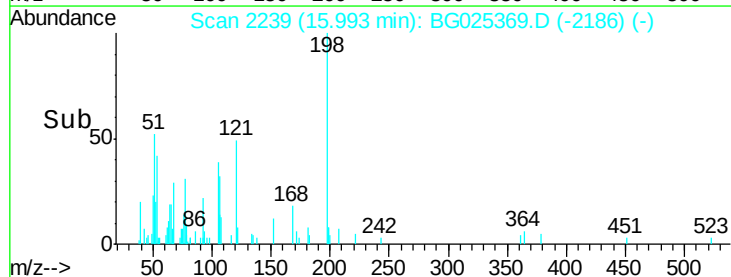
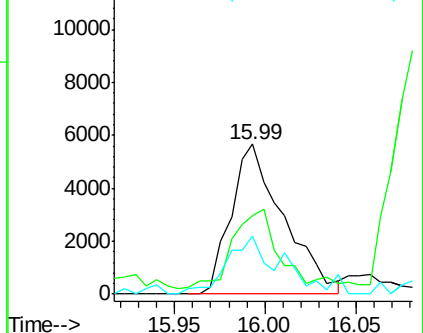
105 39.1 14.4 54.4

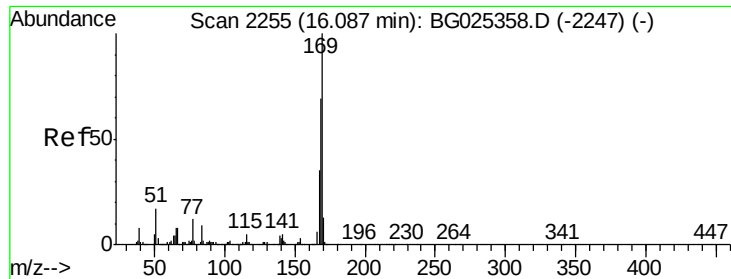


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

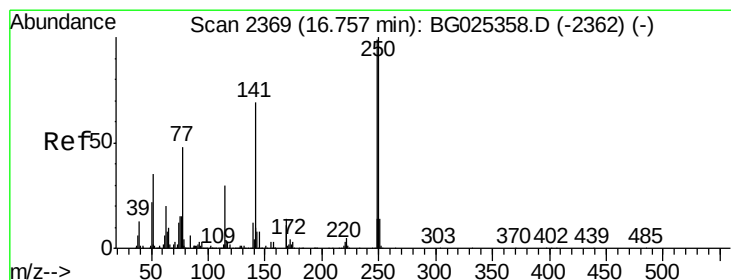
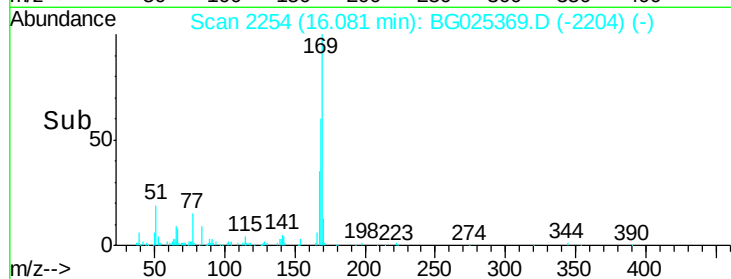
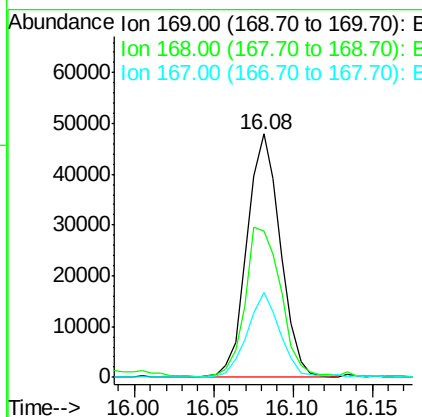
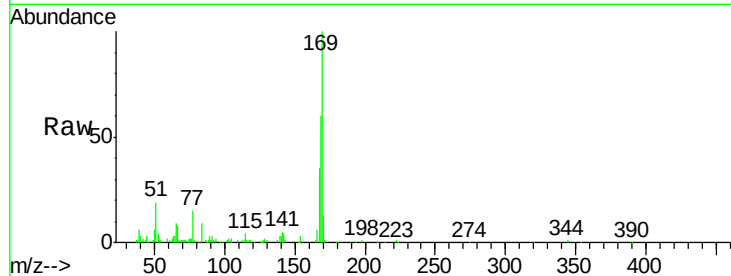




#65
n-Nitrosodiphenylamine
Concen: 6.55 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

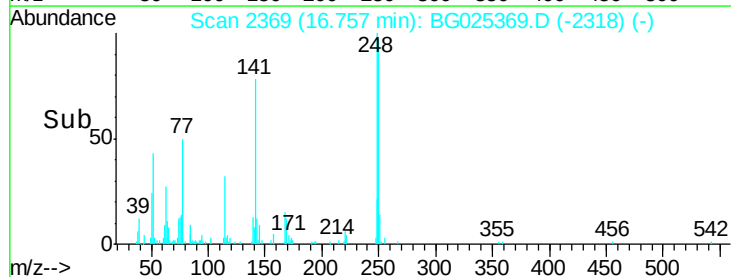
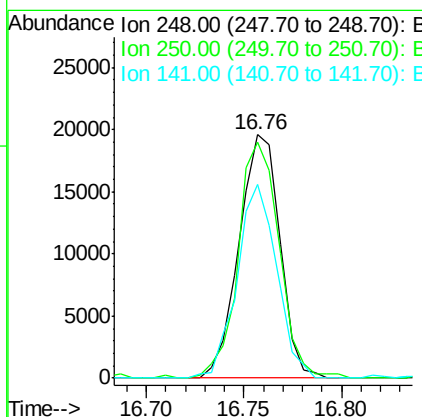
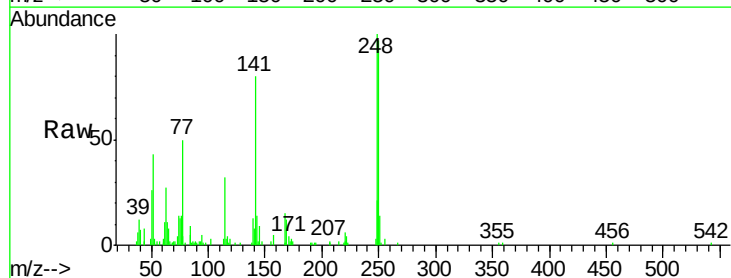
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

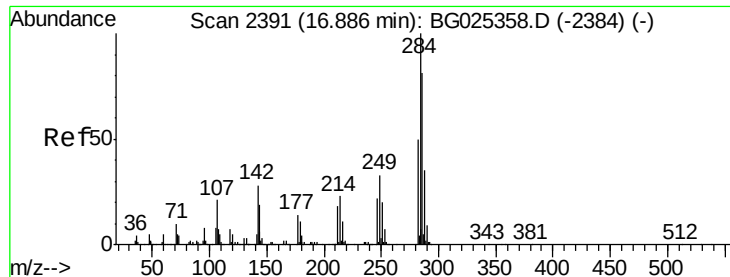
Tgt Ion:169 Resp: 69986
Ion Ratio Lower Upper
169 100
168 60.3 55.7 83.5
167 35.1 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 5.82 ng
RT: 16.76 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:248 Resp: 28391
Ion Ratio Lower Upper
248 100
250 96.8 75.0 112.6
141 79.7 55.2 82.8

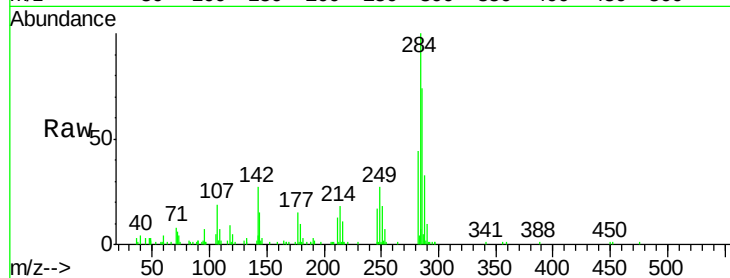




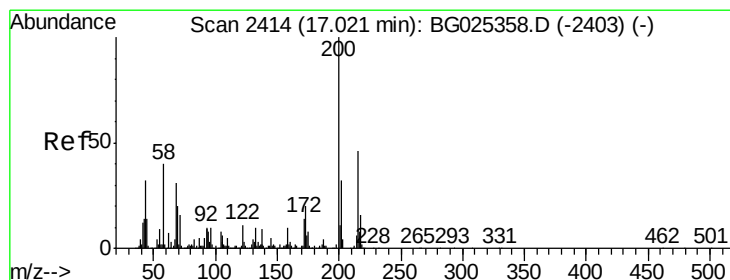
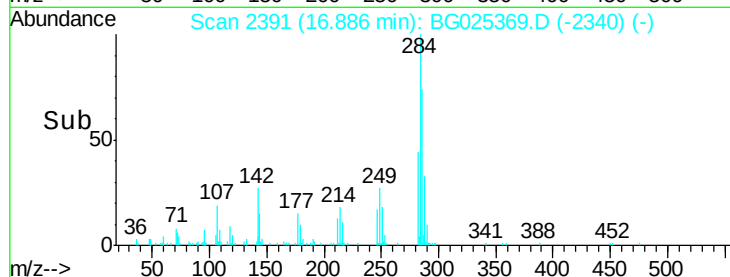
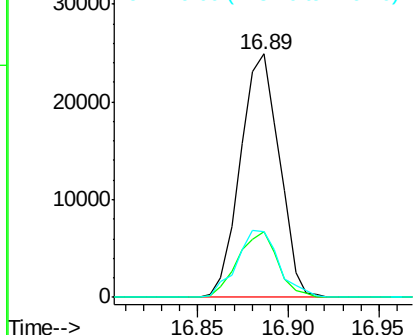
#67
Hexachlorobenzene
Concen: 6.65 ng
RT: 16.89 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

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

Tgt Ion:284 Resp: 37199
Ion Ratio Lower Upper
284 100
142 27.2 29.9 44.9#
249 27.0 29.2 43.8#

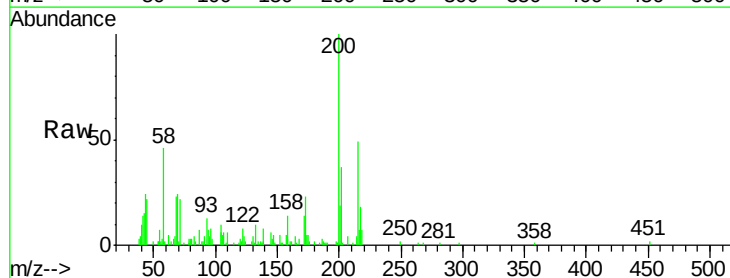


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

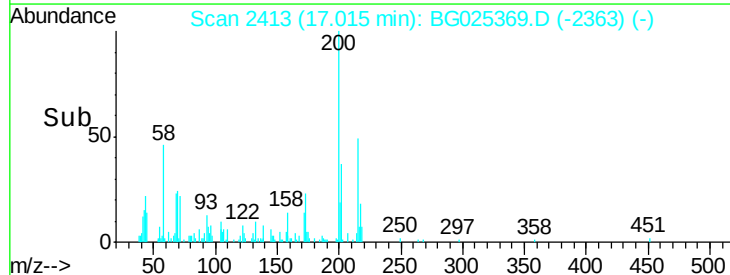
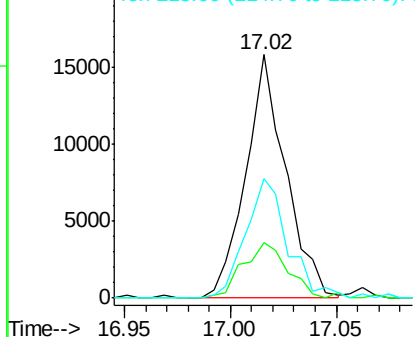


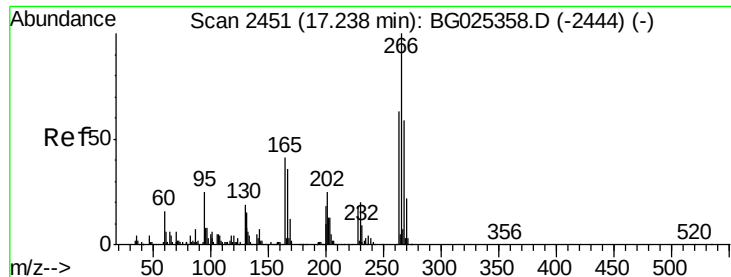
#68
Atrazine
Concen: 4.47 ng
RT: 17.02 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG025369.D
Acq: 21 Dec 2016 22:41

Tgt Ion:200 Resp: 20924
Ion Ratio Lower Upper
200 100
173 22.8 3.0 43.0
215 49.0 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: 4.52 ng

RT: 17.24 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

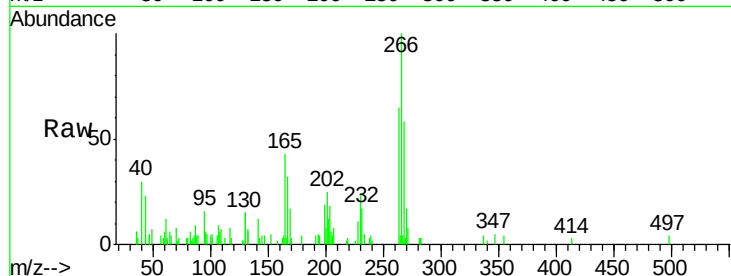
Tgt Ion:266 Resp: 13118

Ion Ratio Lower Upper

266 100

268 58.4 48.6 72.8

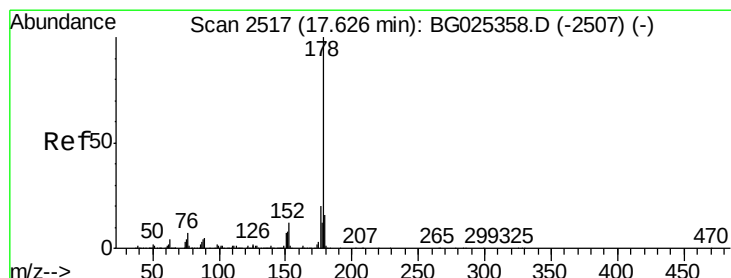
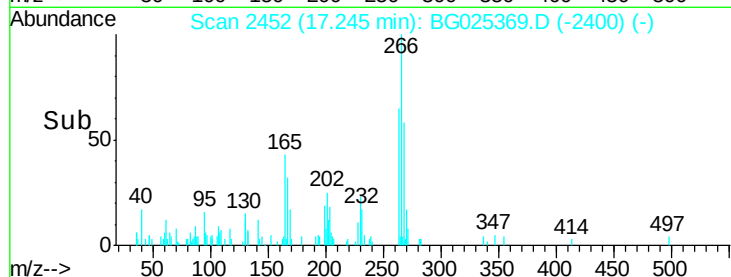
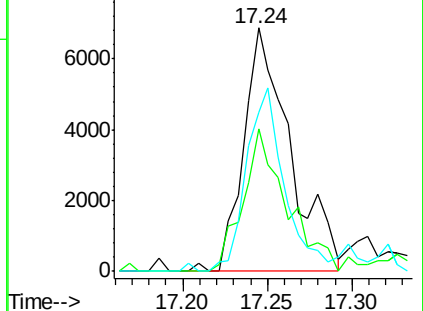
264 65.3 50.1 75.1



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: 6.53 ng

RT: 17.72 min Scan# 2533

Delta R.T. 0.09 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

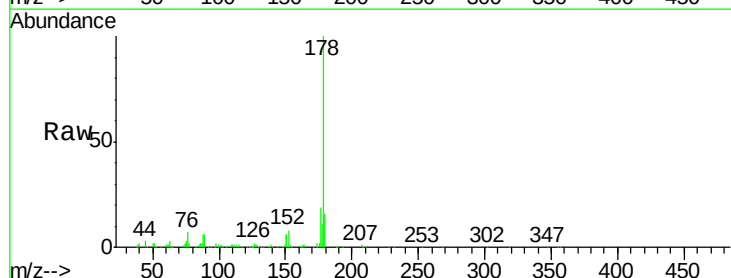
Tgt Ion:178 Resp: 132969

Ion Ratio Lower Upper

178 100

176 18.8 17.7 26.5

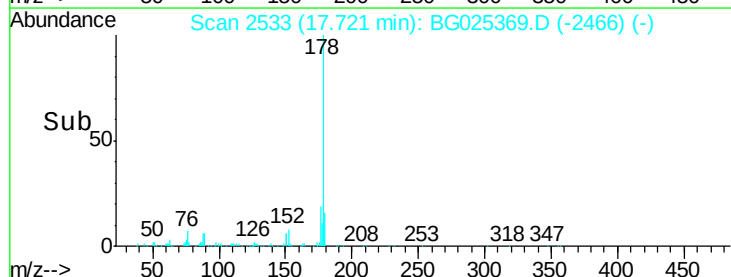
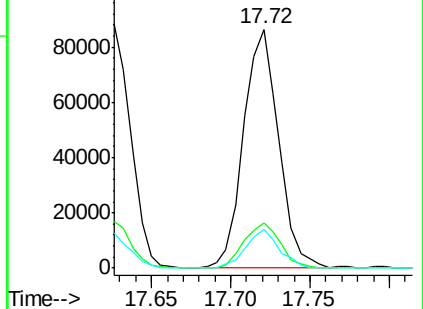
179 16.3 15.0 22.6

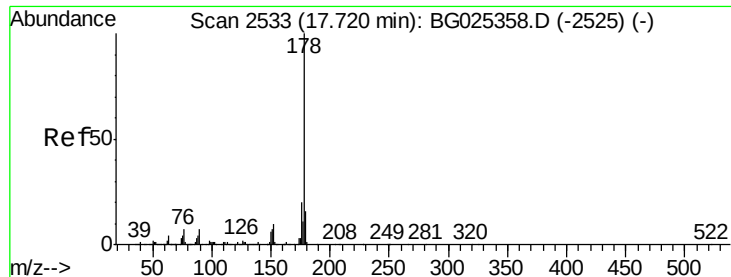


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 6.43 ng

RT: 17.72 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

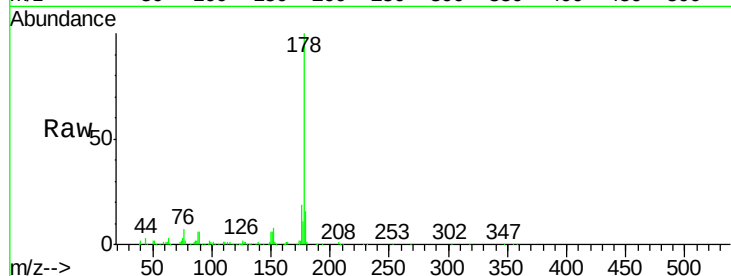
Tgt Ion:178 Resp: 132969

Ion Ratio Lower Upper

178 100

176 18.8 16.4 24.6

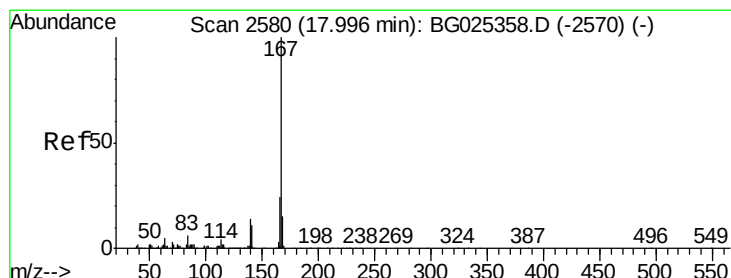
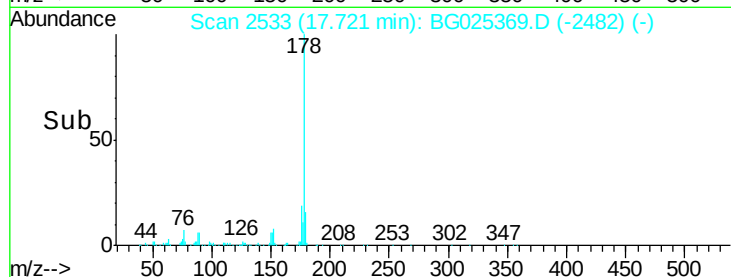
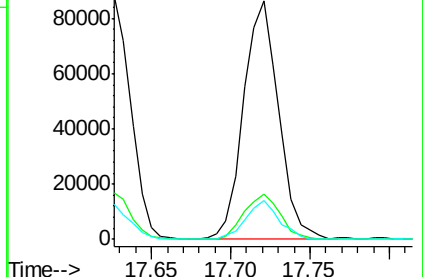
179 16.3 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 6.49 ng

RT: 17.99 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

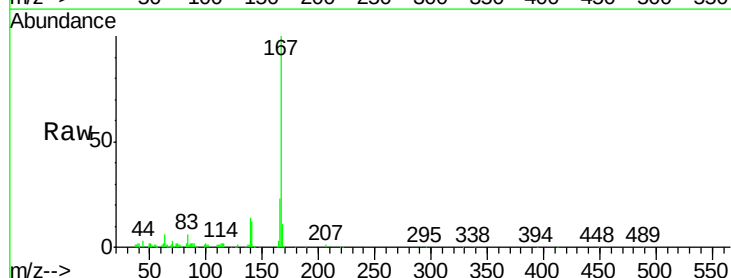
Tgt Ion:167 Resp: 120195

Ion Ratio Lower Upper

167 100

166 22.7 20.2 30.2

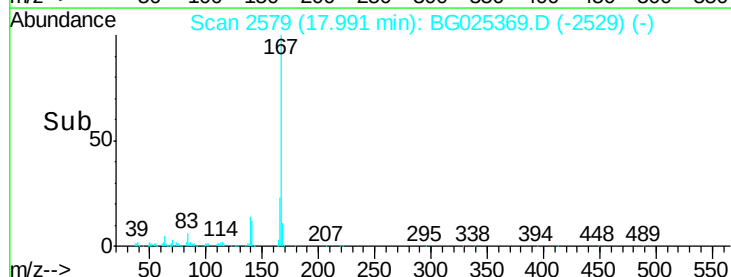
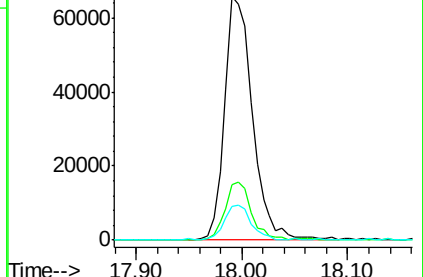
139 13.9 12.8 19.2

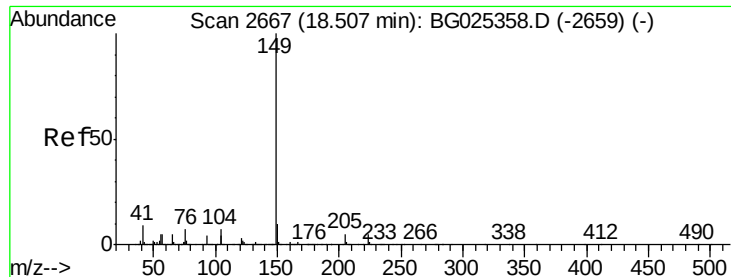


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 6.29 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

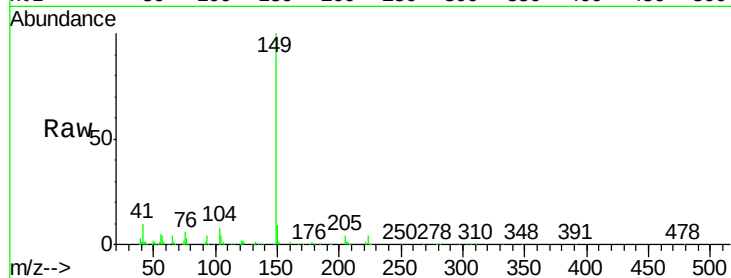
Tgt Ion:149 Resp: 143199

Ion Ratio Lower Upper

149 100

150 8.7 9.1 13.7#

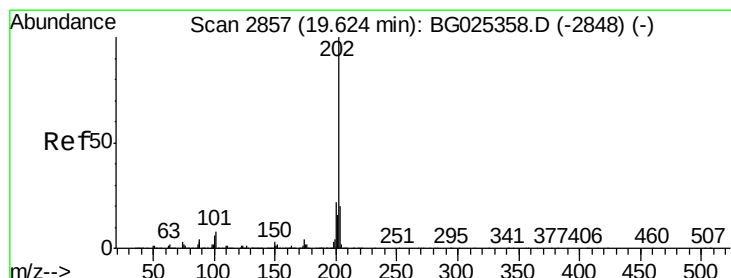
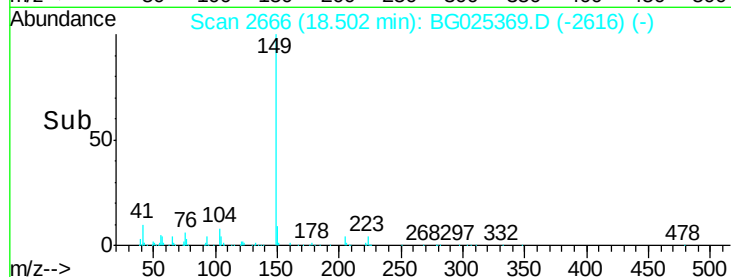
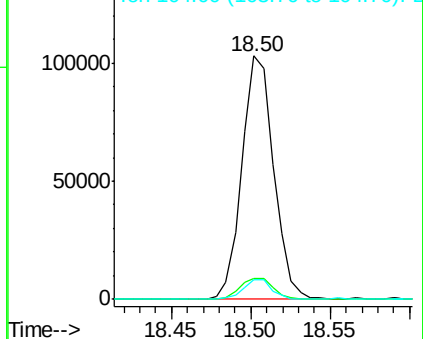
104 7.8 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 6.92 ng

RT: 19.62 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

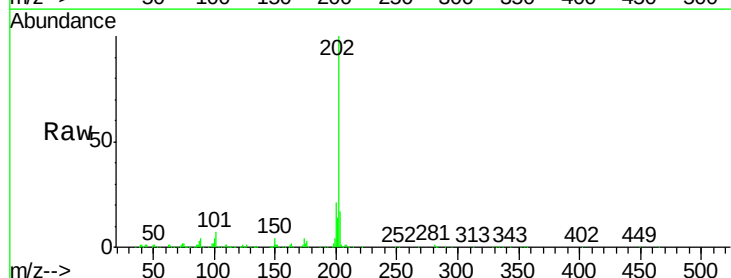
Tgt Ion:202 Resp: 186095

Ion Ratio Lower Upper

202 100

101 6.7 0.0 30.1

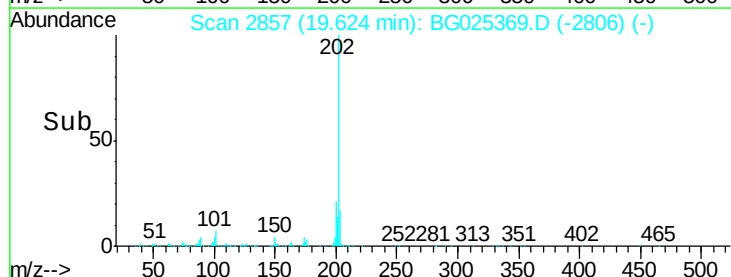
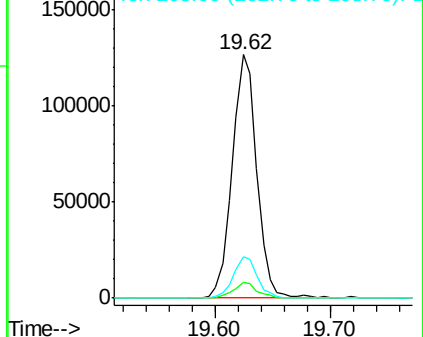
203 17.1 1.3 41.3

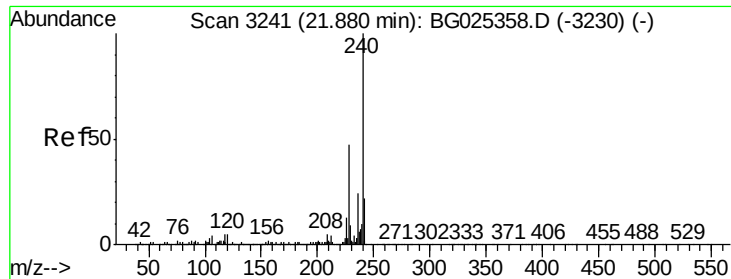


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

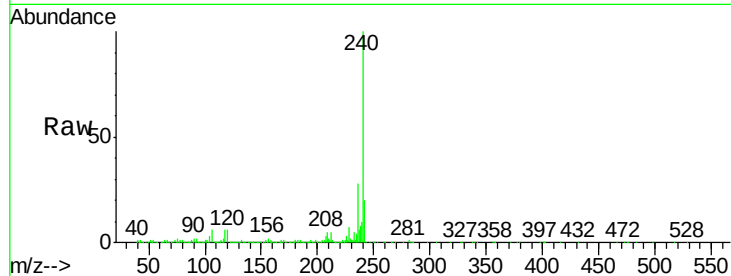
Tgt Ion:240 Resp: 576343

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

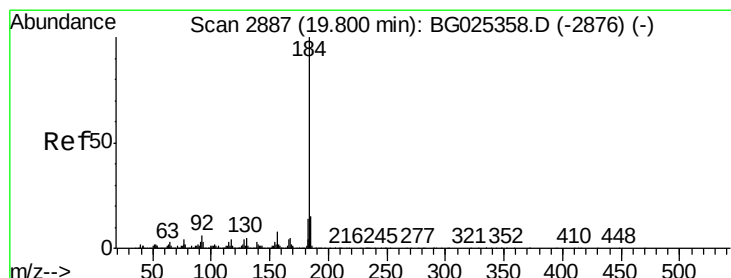
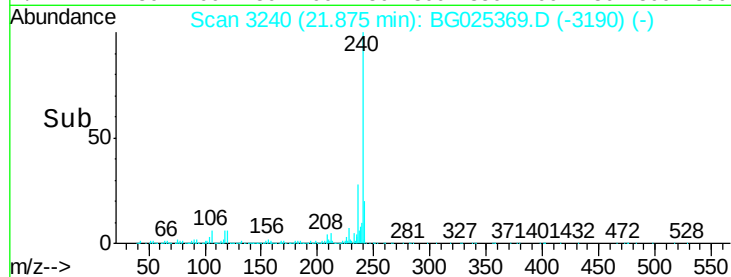
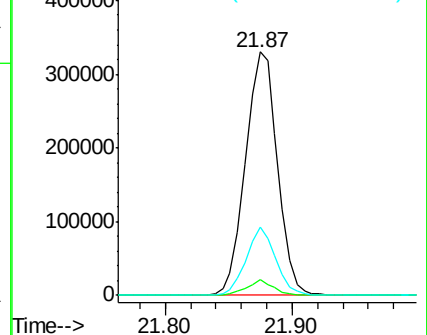
236 28.0 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.70 ng

RT: 19.81 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

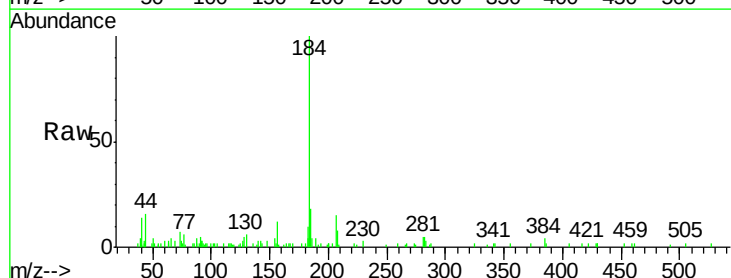
Tgt Ion:184 Resp: 24383

Ion Ratio Lower Upper

184 100

185 18.3 13.0 19.6

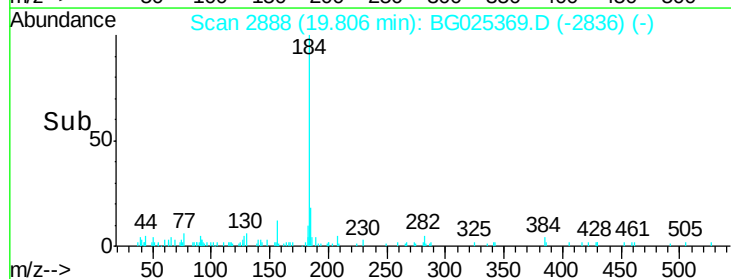
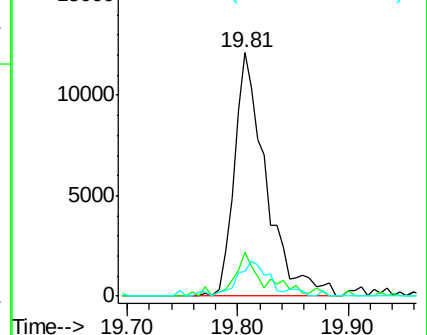
183 10.4 11.0 16.6#

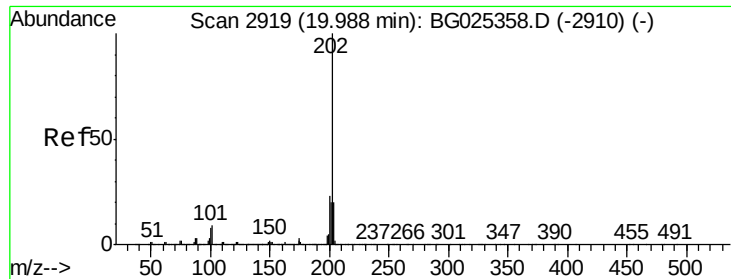


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 6.25 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

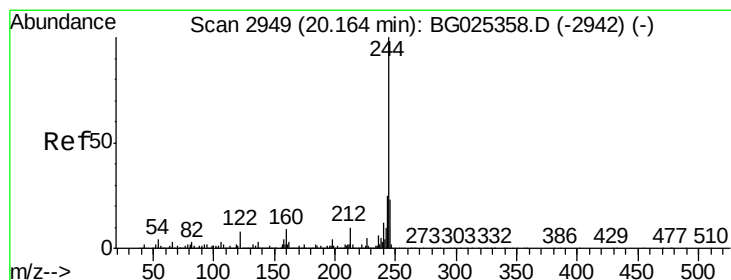
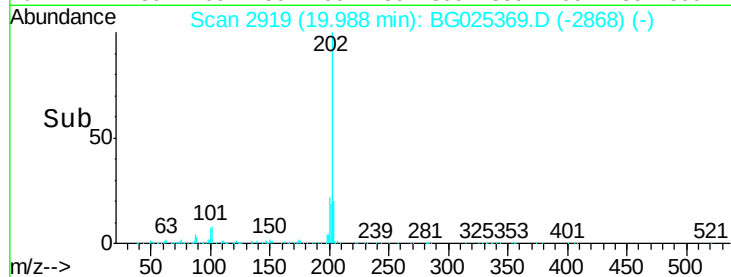
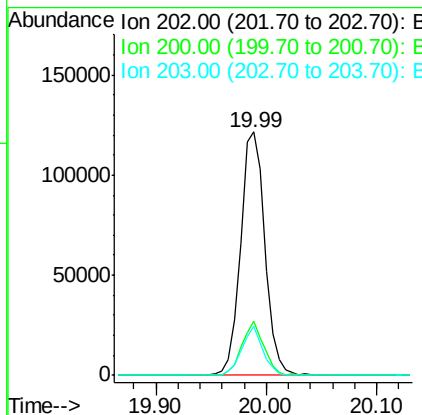
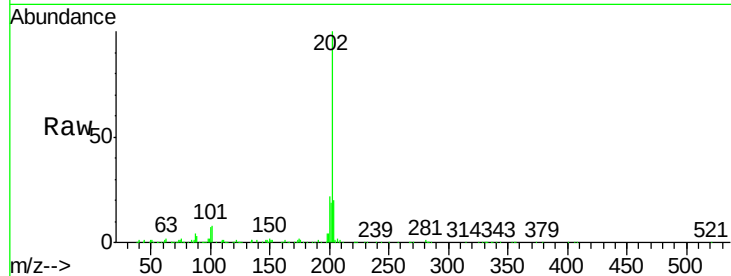
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

Tgt Ion:	202	Resp:	188254
Ion	Ratio	Lower	Upper
202	100		
200	22.0	19.6	29.4
203	20.2	15.8	23.8



#78

Terphenyl-d14

Concen: 87.65 ng

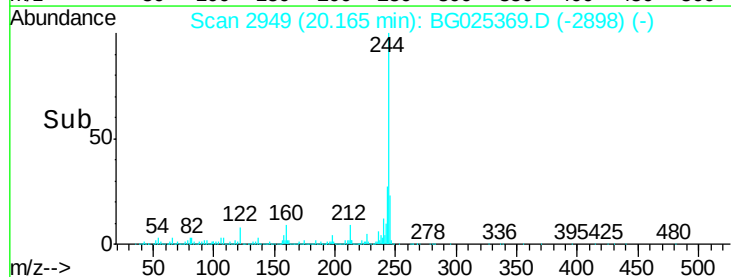
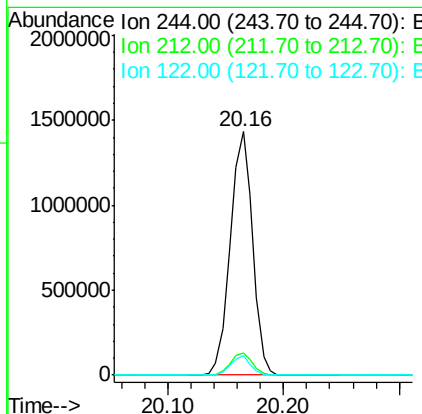
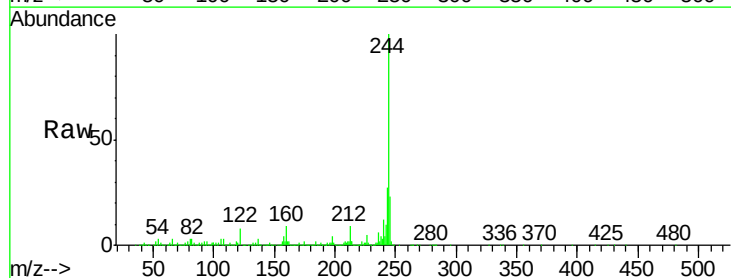
RT: 20.16 min Scan# 2949

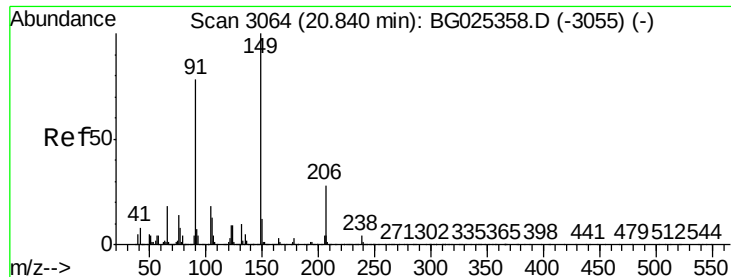
Delta R.T. 0.00 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	244	Resp:	1905304
Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	8.2	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 6.31 ng

RT: 20.83 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

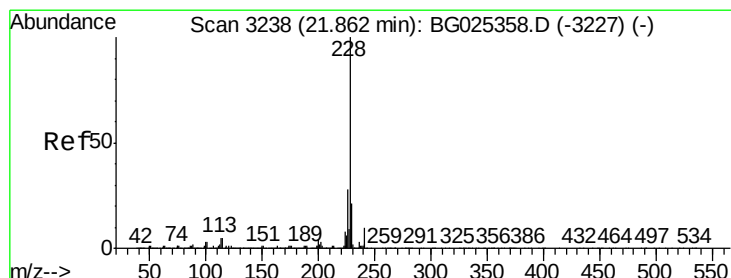
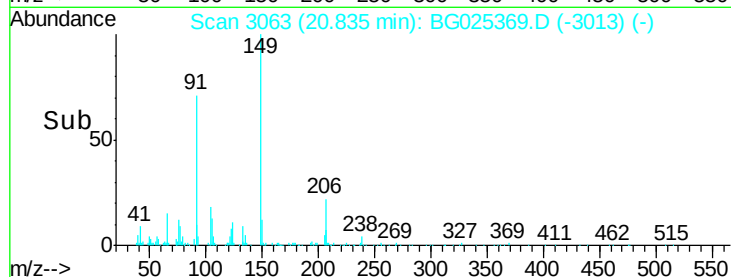
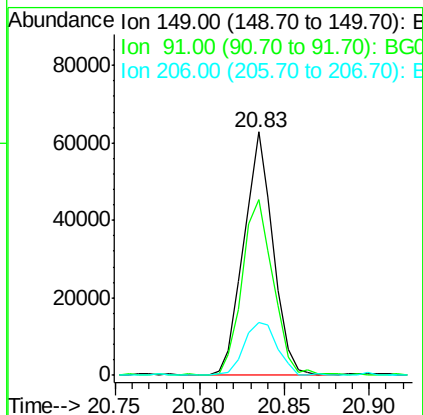
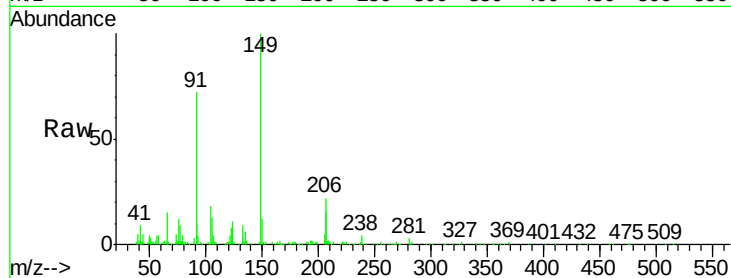
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

Tgt Ion:	149	Resp:	76320
Ion Ratio	Lower	Upper	
149	100		
91	72.0	63.5	95.3
206	21.7	21.0	31.6



#80

Benzo(a)anthracene

Concen: 6.66 ng

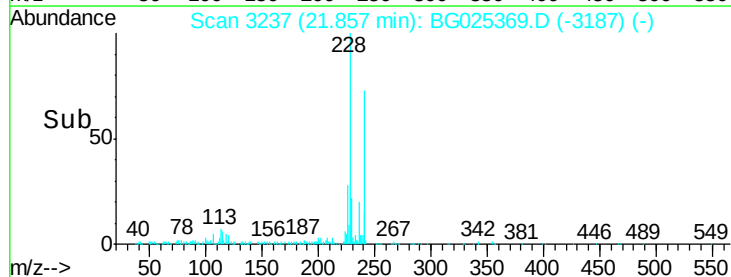
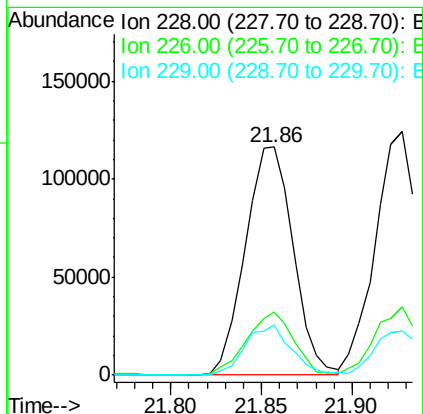
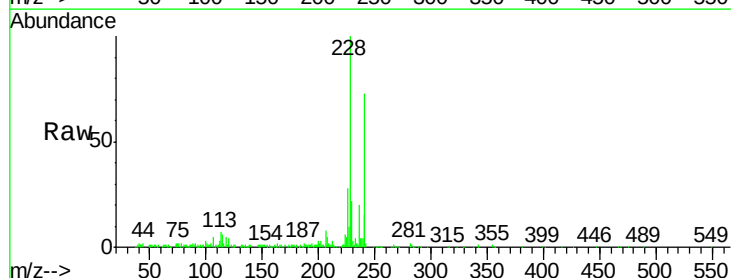
RT: 21.86 min Scan# 3237

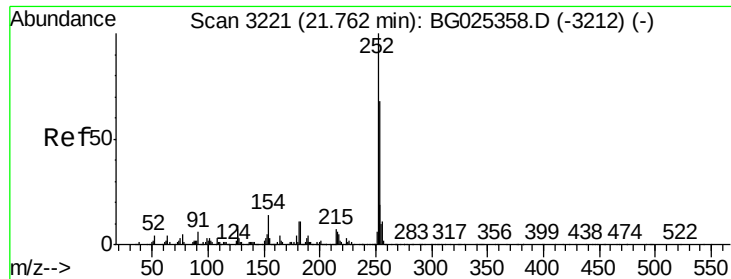
Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	228	Resp:	214078
Ion Ratio	Lower	Upper	
228	100		
226	27.9	24.9	37.3
229	22.1	18.2	27.2

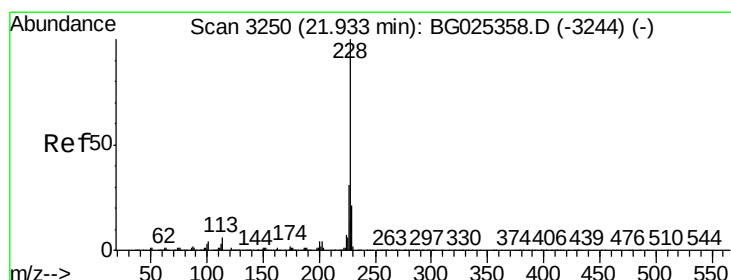
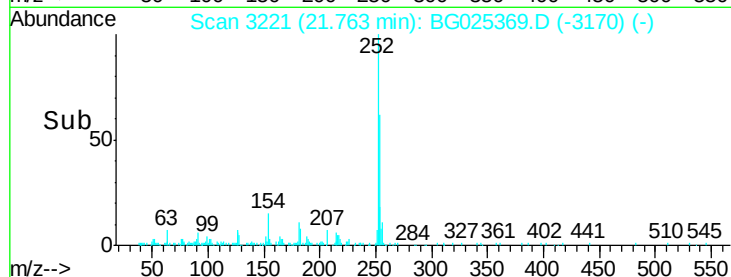
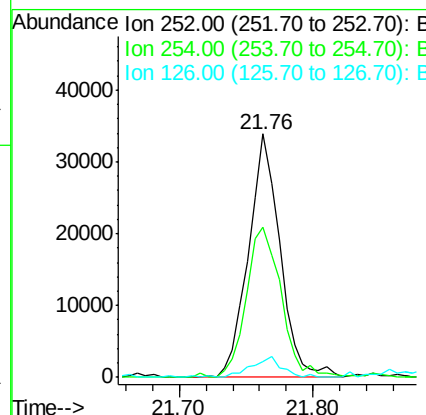
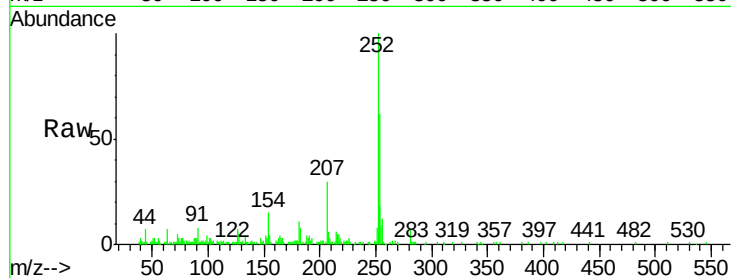




#81
 3,3'-Dichlorobenzidine
 Concen: 4.42 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

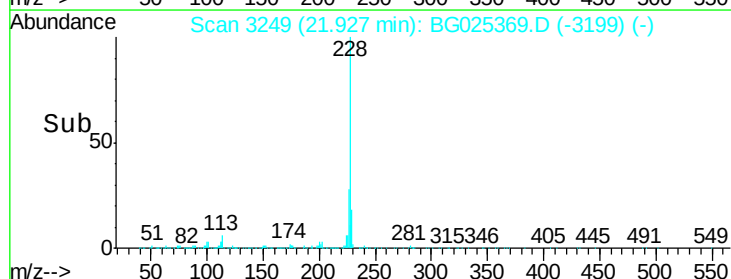
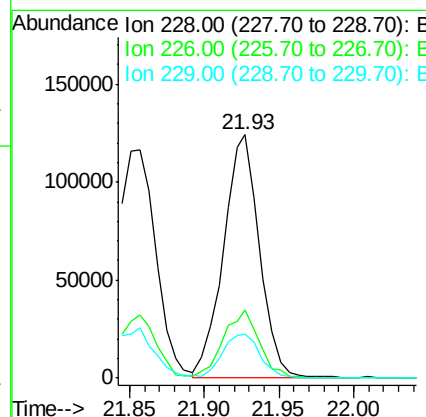
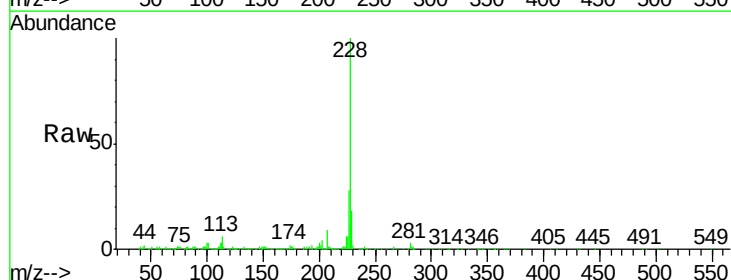
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

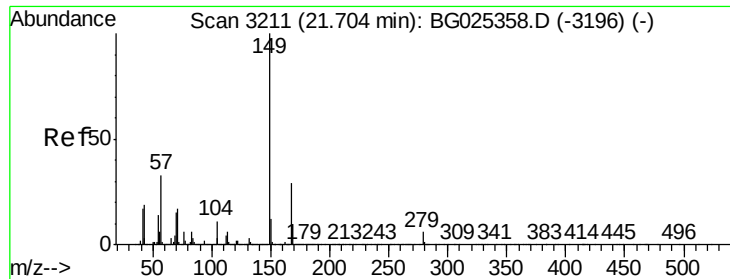
Tgt Ion: 252 Resp: 55220
 Ion Ratio Lower Upper
 252 100
 254 61.5 53.1 79.7
 126 6.5 7.0 10.4#



#82
 Chrysene
 Concen: 6.81 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.01 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

Tgt Ion: 228 Resp: 209806
 Ion Ratio Lower Upper
 228 100
 226 27.8 27.0 40.4
 229 18.2 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.40 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

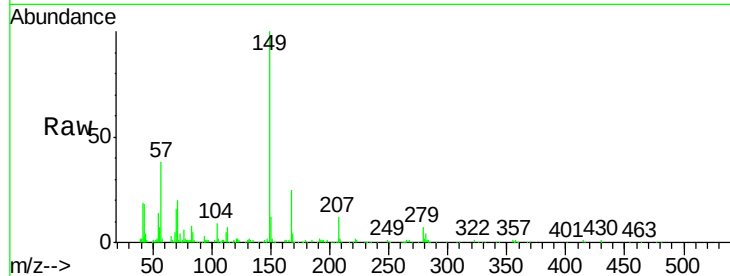
Tgt Ion:149 Resp: 107641

Ion Ratio Lower Upper

149 100

167 25.3 23.7 35.5

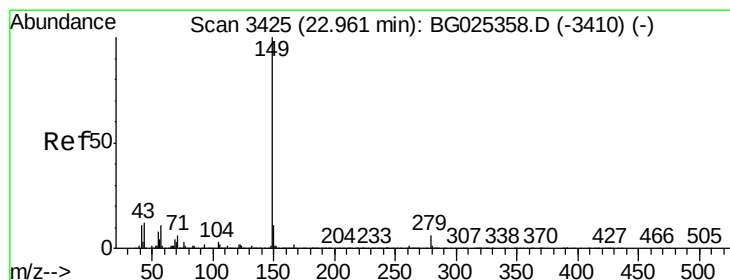
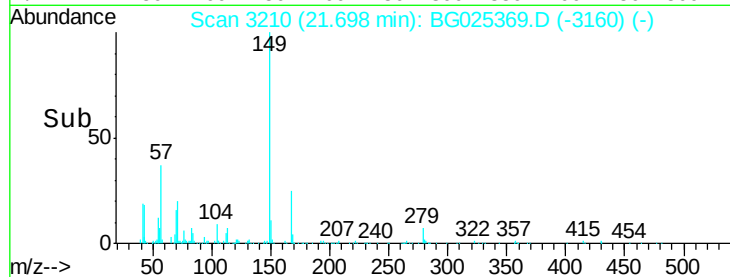
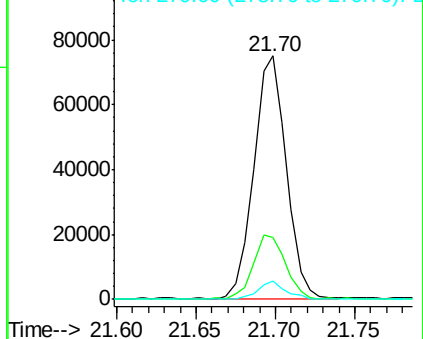
279 7.4 4.6 6.8#



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: 6.81 ng

RT: 22.96 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

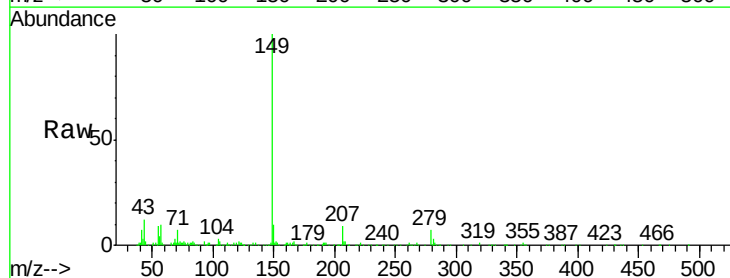
Tgt Ion:149 Resp: 190419

Ion Ratio Lower Upper

149 100

167 2.2 1.4 2.2#

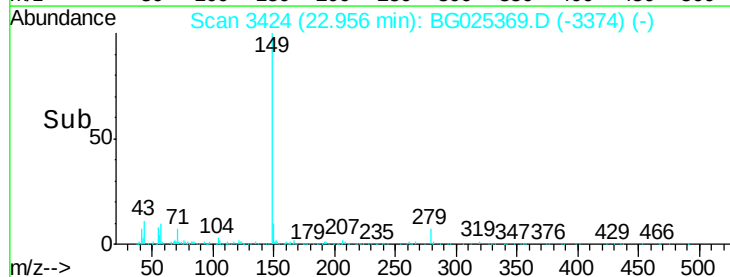
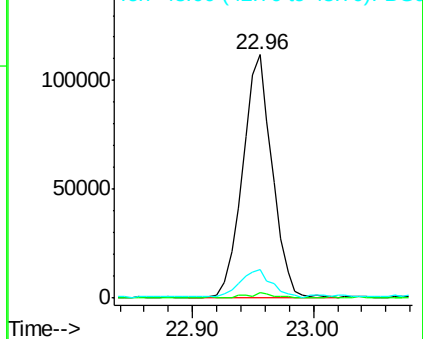
43 11.8 11.8 17.6#

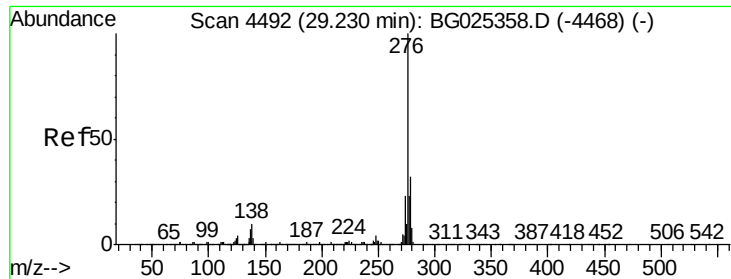


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.37 ng

RT: 29.21 min Scan# 4489

Delta R.T. -0.02 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

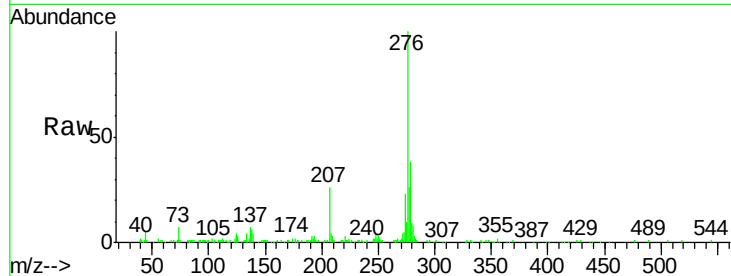
Tgt Ion:276 Resp: 249585

Ion Ratio Lower Upper

276 100

138 4.8 4.7 7.1

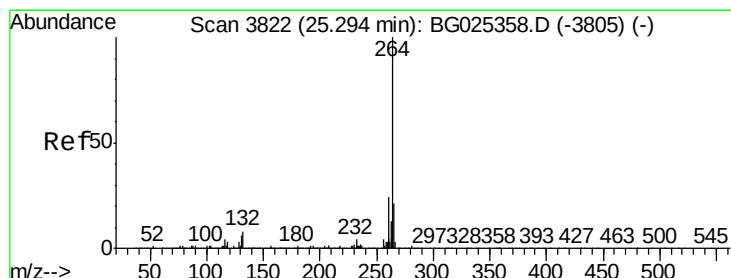
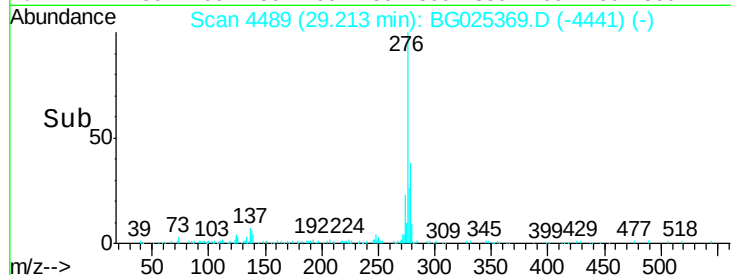
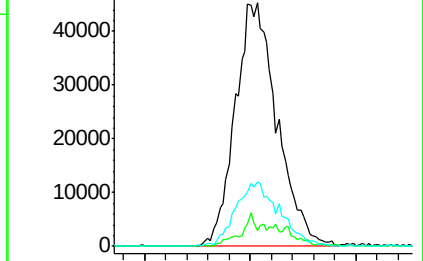
277 27.4 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

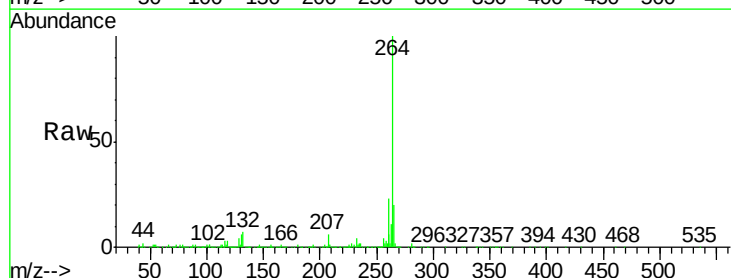
Tgt Ion:264 Resp: 605170

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

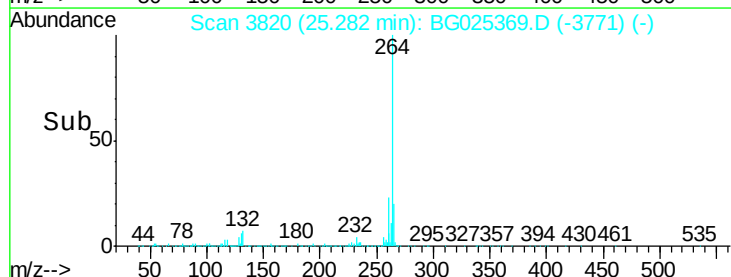
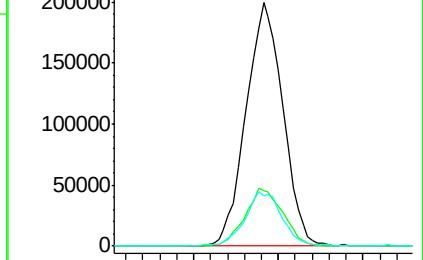
265 20.4 18.2 27.4

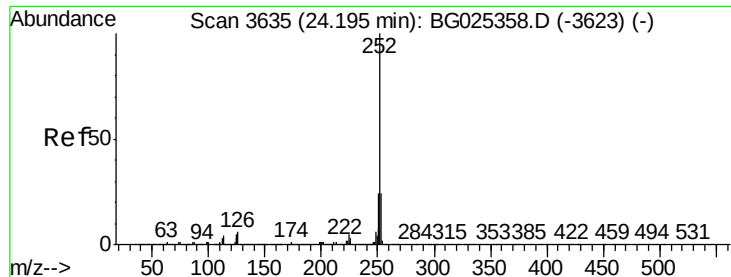


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.51 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

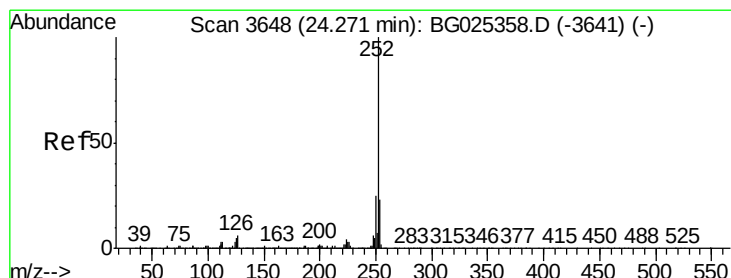
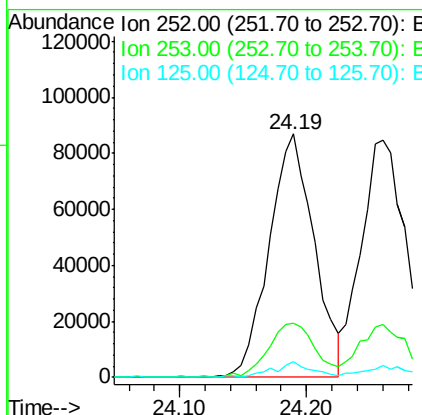
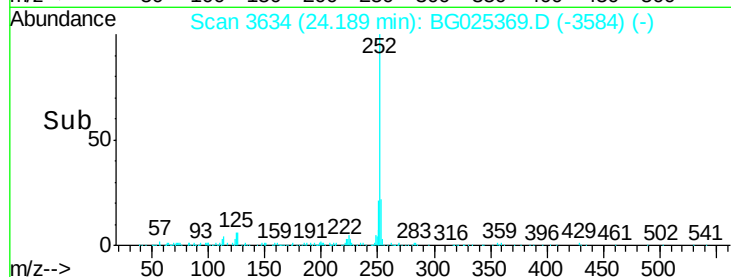
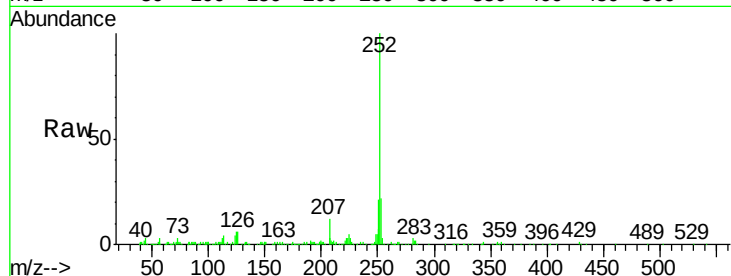
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

Tgt Ion:	252	Resp:	214796
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.7	28.1
125	6.4	5.3	7.9



#88

Benzo(k)fluoranthene

Concen: 6.74 ng

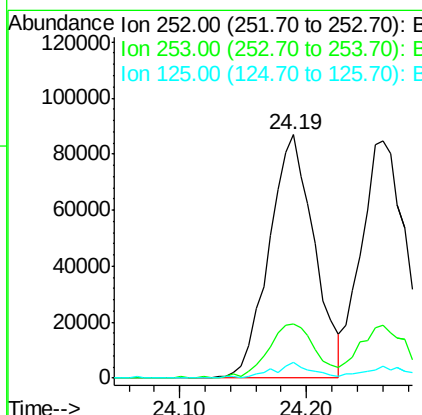
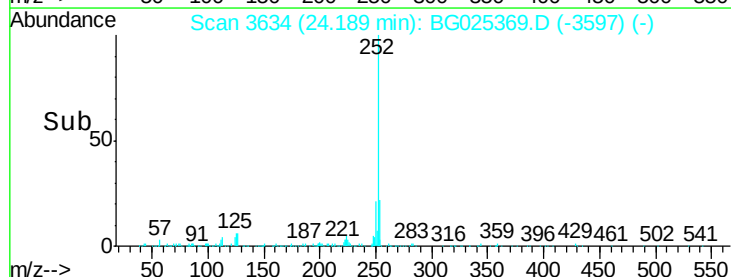
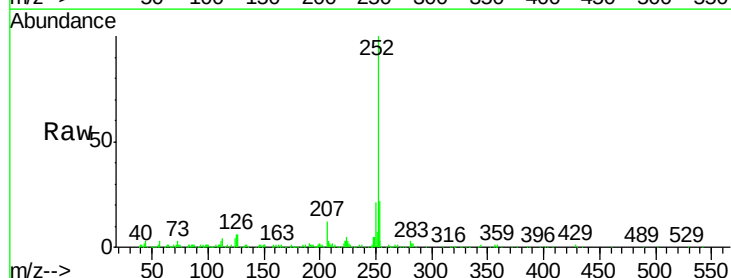
RT: 24.19 min Scan# 3634

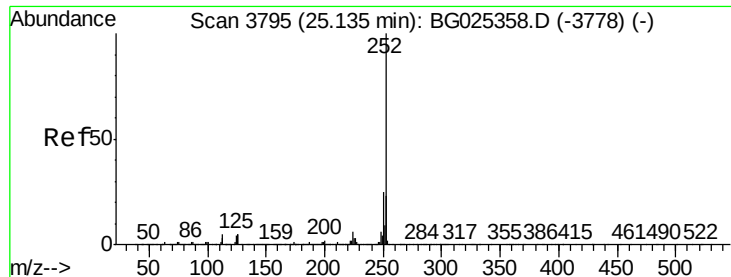
Delta R.T. -0.08 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	252	Resp:	214796
Ion Ratio	Lower	Upper	
252	100		
253	22.1	20.2	30.2
125	6.4	5.1	7.7





#89

Benzo(a)pyrene

Concen: 6.42 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

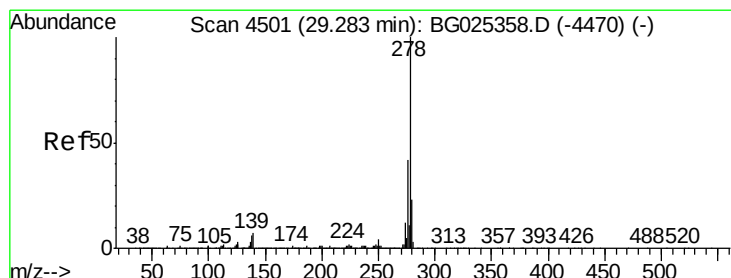
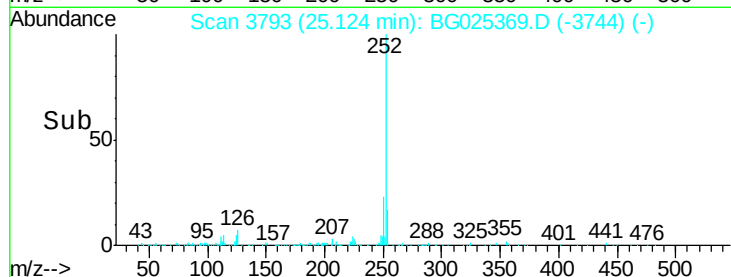
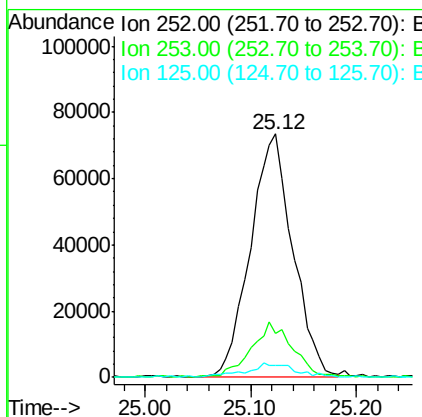
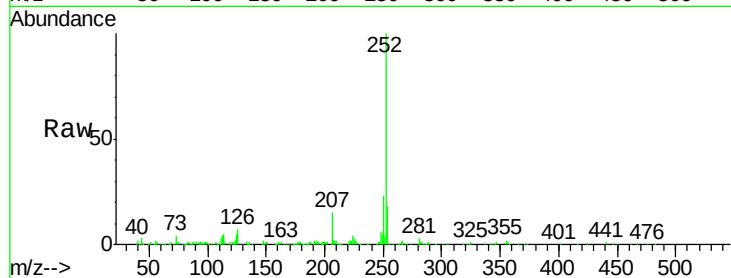
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT1-2017

Tgt Ion:	252	Resp:	204819
Ion	Ratio	Lower	Upper
252	100		
253	18.1	19.2	28.8#
125	4.7	5.4	8.0#



#90

Dibenzo(a,h)anthracene

Concen: 6.45 ng

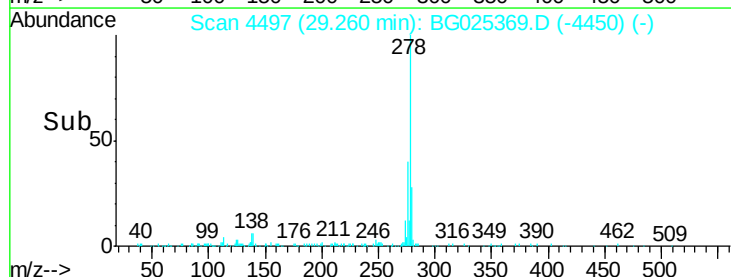
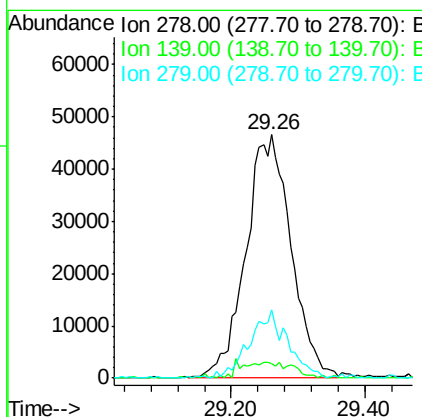
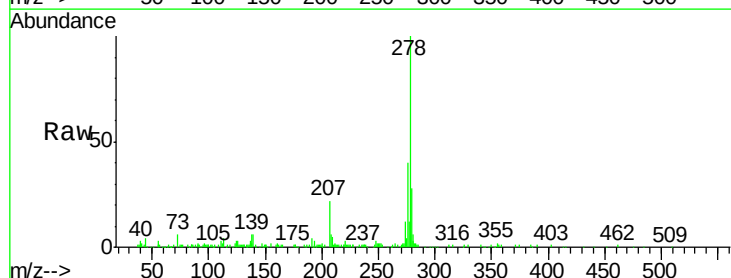
RT: 29.26 min Scan# 4497

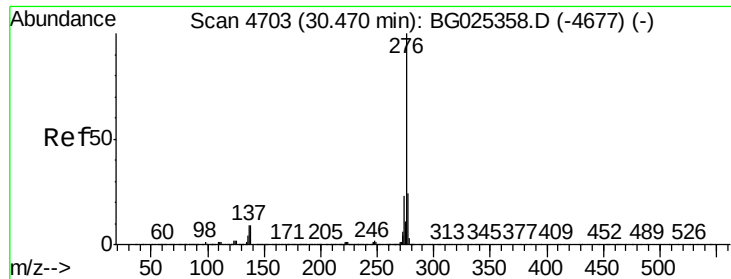
Delta R.T. -0.02 min

Lab File: BG025369.D

Acq: 21 Dec 2016 22:41

Tgt Ion:	278	Resp:	217952
Ion	Ratio	Lower	Upper
278	100		
139	6.0	7.7	11.5#
279	28.2	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 6.41 ng
 RT: 30.45 min Scan# 4700
 Delta R.T. -0.02 min
 Lab File: BG025369.D
 Acq: 21 Dec 2016 22:41

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	27.8#
138	9.8	8.1	12.1

