

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037431.D
 Acq On : 18 Oct 2018 22:31
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 1 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 19 07:01:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50238	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	232511	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	153228	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	385252	20.00	ng	0.00
76) Chrysene-d12	21.77	240	366301	20.00	ng	0.00
87) Perylene-d12	25.11	264	349873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413893	137.74	ng	0.00
7) Phenol-d6	7.25	99	600733	132.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	336037	80.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	232516	139.13	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	834105	82.09	ng	0.00
79) Terphenyl-d14	20.09	244	1318300	76.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	1469	0.964	ng	# 53
3) Pyridine	3.96	79	3392	0.883	ng	# 79
4) n-Nitrosodimethylamine	3.86	42	528	0.386	ng	# 49
6) Aniline	7.44	93	3347	0.604	ng	# 84
8) 2-Chlorophenol	7.66	128	3692	1.050	ng	# 76
9) Benzaldehyde	7.25	77	3689	1.298	ng	# 77
10) Phenol	7.27	94	5162	1.077	ng	# 54
11) bis(2-Chloroethyl)ether	7.53	93	3529	0.969	ng	# 81
12) 1,3-Dichlorobenzene	7.99	146	3918	1.001	ng	# 89
13) 1,4-Dichlorobenzene	8.14	146	4340	1.084	ng	# 85
14) 1,2-Dichlorobenzene	7.99	146	3918	1.017	ng	# 90
15) Benzyl Alcohol	8.35	79	3088	0.920	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6541	1.004	ng	# 85
17) 2-Methylphenol	8.53	107	2973	0.938	ng	# 83
18) Hexachloroethane	9.19	117	1454	1.065	ng	# 90
19) n-Nitroso-di-n-propylamine	8.91	70	2598	0.830	ng	# 96
20) 3+4-Methylphenols	8.86	107	4093	0.903	ng	# 92
22) Acetophenone	8.95	105	5551	0.952	ng	# 96
24) Nitrobenzene	9.33	77	4801	1.113	ng	# 92
25) Isophorone	9.84	82	7915	1.044	ng	# 87
26) 2-Nitrophenol	10.04	139	1538	0.792	ng	# 93
27) 2,4-Dimethylphenol	10.08	122	3159	0.911	ng	# 79
28) bis(2-Chloroethoxy)methane	10.33	93	4964	0.999	ng	# 83
29) 2,4-Dichlorophenol	10.56	162	3112	0.806	ng	# 87
30) 1,2,4-Trichlorobenzene	10.78	180	4036	0.961	ng	# 80
31) Naphthalene	10.98	128	12739	1.115	ng	# 93
32) Benzoic acid	10.08	122	3159	1.402	ng	# 13
33) 4-Chloroaniline	11.09	127	2978	0.555	ng	# 90
34) Hexachlorobutadiene	11.24	225	2335	0.938	ng	# 94
35) Caprolactam	11.85	113	334	0.216	ng	# 71
36) 4-Chloro-3-methylphenol	12.18	107	3736	0.858	ng	# 84
37) 2-Methylnaphthalene	12.58	142	9358	1.124	ng	# 95
38) 1-Methylnaphthalene	12.79	142	9029	1.117	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	4998	1.011	ng	# 97

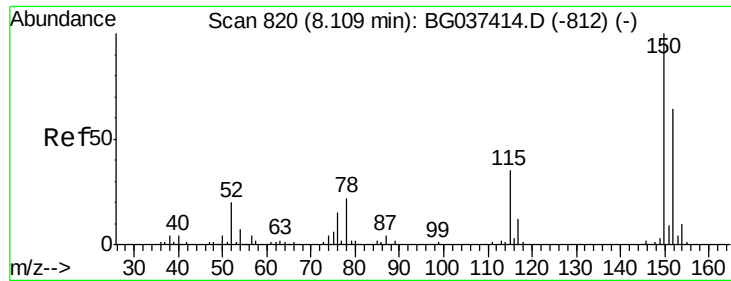
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	1604	0.679	ng	78
43) 2,4,6-Trichlorophenol	13.24	196	3133	0.949	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	2585	0.719	ng	95
46) 1,1'-Biphenyl	13.58	154	12737	1.004	ng	92
47) 2-Chloronaphthalene	13.62	162	10215	1.064	ng	97
48) 2-Nitroaniline	13.83	65	2002	0.688	ng #	90
49) Acenaphthylene	14.47	152	15708	1.088	ng #	90
50) Dimethylphthalate	14.19	163	12254	1.034	ng #	98
51) 2,6-Dinitrotoluene	14.32	165	2108	0.804	ng #	80
52) Acenaphthene	14.80	154	9784	1.100	ng	90
53) 3-Nitroaniline	14.64	138	2196	0.754	ng #	76
55) Dibenzofuran	15.14	168	16393	1.112	ng	94
56) 4-Nitrophenol	14.94	139	366	0.170	ng #	82
57) 2,4-Dinitrotoluene	15.10	165	2523	0.733	ng #	97
58) Fluorene	15.78	166	13097	1.187	ng #	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	2132	0.693	ng #	76
60) Diethylphthalate	15.54	149	12432	1.022	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	6706	1.043	ng	98
62) 4-Nitroaniline	15.81	138	2003	0.692	ng	78
63) Azobenzene	16.07	77	11852	1.021	ng	97
65) 4,6-Dinitro-2-methylphenol	16.23	198	620	8.760	ng	84
66) n-Nitrosodiphenylamine	15.99	169	10053	0.868	ng	91
67) 4-Bromophenyl-phenylether	16.67	248	3939	0.931	ng	85
68) Hexachlorobenzene	16.78	284	4528	1.033	ng #	84
69) Atrazine	16.93	200	3955	0.944	ng	79
70) Pentachlorophenol	17.12	266	274	0.093	ng #	53
71) Phenanthrene	17.53	178	22772	1.163	ng	96
72) Anthracene	17.62	178	21590	1.124	ng	98
73) Carbazole	17.89	167	17172	0.893	ng	98
74) Di-n-butylphthalate	18.43	149	18721	0.876	ng	99
75) Fluoranthene	19.53	202	23593	1.062	ng	95
77) Benzidine	19.72	184	1913	0.154	ng #	81
78) Pyrene	19.90	202	24254	1.013	ng	98
80) Butylbenzylphthalate	20.77	149	7316	0.747	ng	93
81) Benzo(a)anthracene	21.75	228	23152	1.069	ng	95
82) 3,3'-Dichlorobenzidine	21.67	252	4720	0.562	ng #	92
83) Chrysene	21.81	228	22308	1.071	ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	9684	0.705	ng #	94
85) Di-n-octyl phthalate	22.88	149	15522	0.693	ng #	93
86) Indeno(1,2,3-cd)pyrene	28.93	276	12431	0.556	ng #	70
88) Benzo(b)fluoranthene	24.03	252	19597	1.022	ng	96
89) Benzo(k)fluoranthene	24.03	252	19597	1.043	ng	97
90) Benzo(a)pyrene	24.94	252	18325	1.005	ng	95
91) Dibenzo(a,h)anthracene	28.99	278	4623	0.275	ng #	93
92) Benzo(g,h,i)perylene	30.13	276	6125	0.360	ng #	94

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

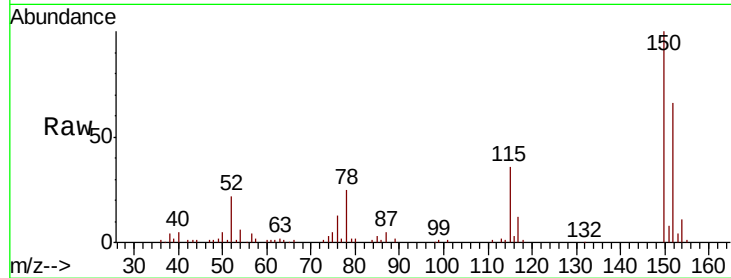


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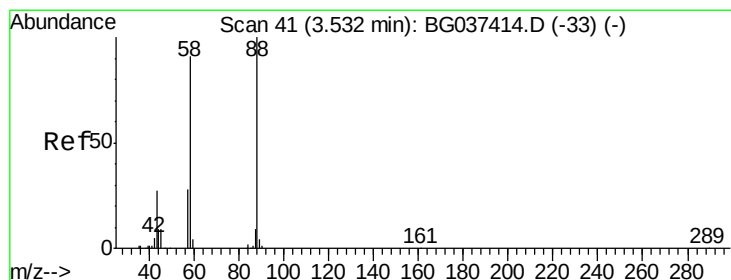
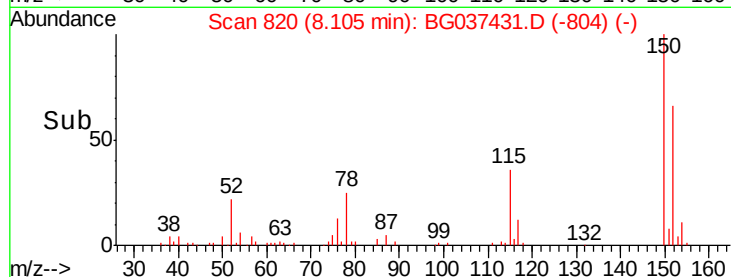
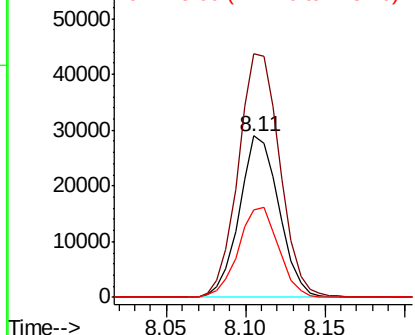
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:152 Resp: 50238
Ion Ratio Lower Upper
152 100
150 150.8 126.0 189.0
115 54.2 45.5 68.3



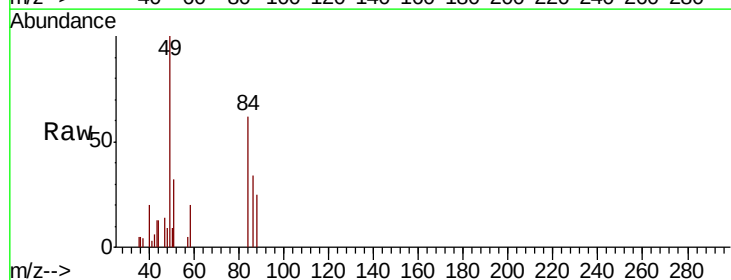
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



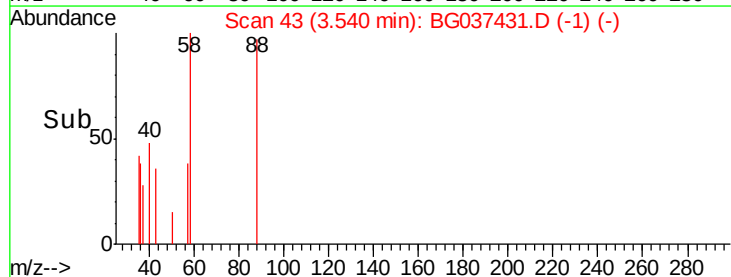
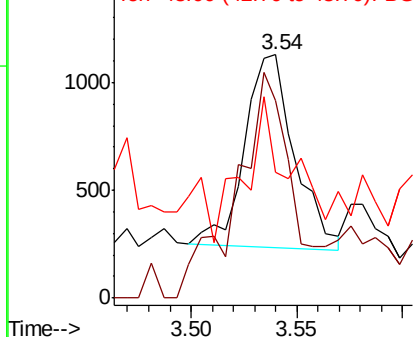
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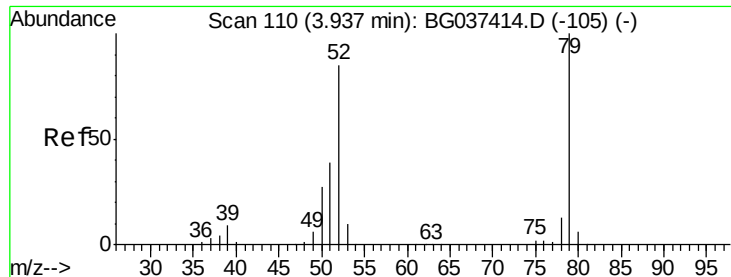
1,4-Dioxane
Concen: 0.964 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion: 88 Resp: 1469
Ion Ratio Lower Upper
88 100
58 131.3 74.4 111.6#
43 69.4 25.8 38.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.883 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

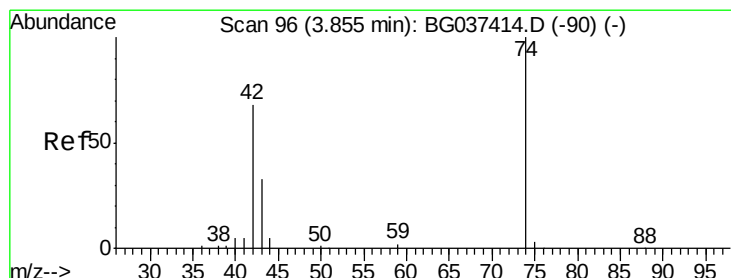
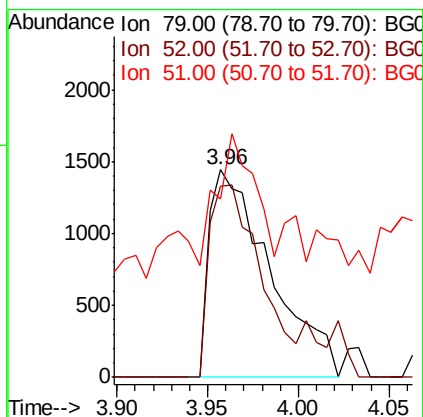
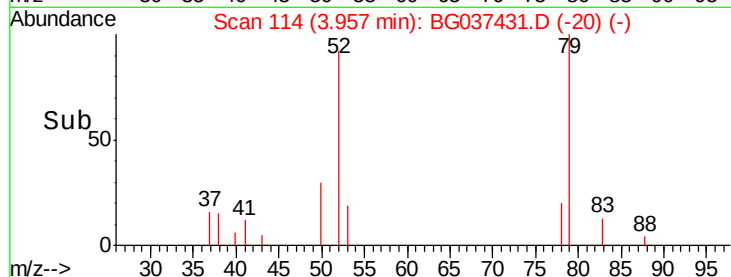
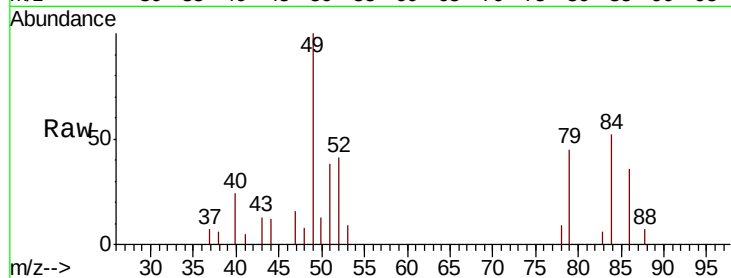
Tot Ion: 79 Resp: 3392

Ion Ratio Lower Upper

79 100

52 92.4 74.2 111.2

51 85.9 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 0.386 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

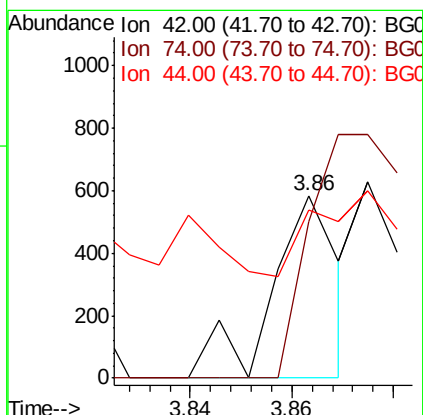
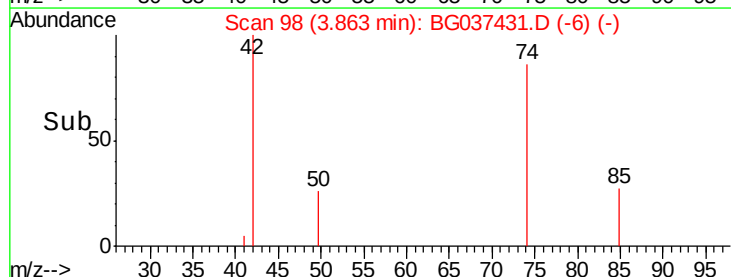
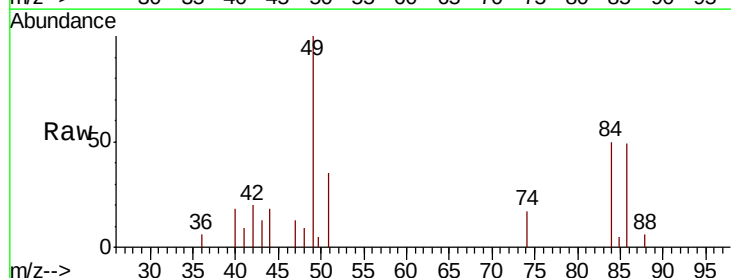
Tgt Ion: 42 Resp: 528

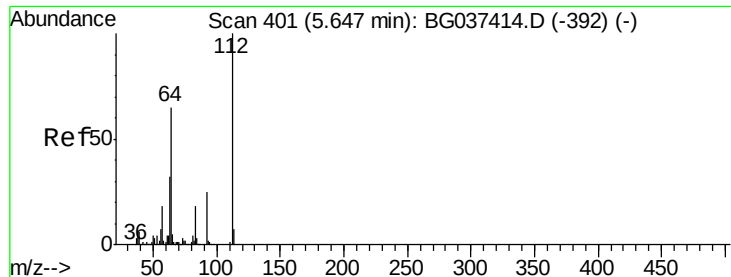
Ion Ratio Lower Upper

42 100

74 85.6 102.0 153.0#

44 92.0 9.6 14.4#





#5

2-Fluorophenol

Concen: 137.738 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

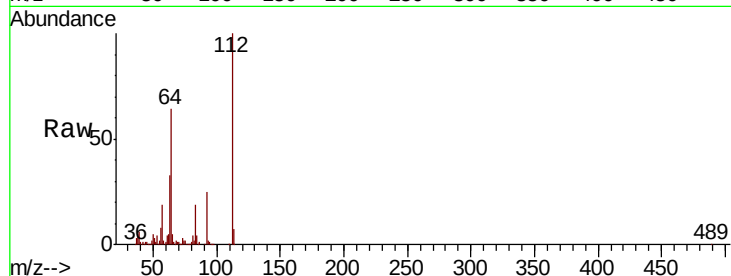
Tot Ion:112 Resp: 413893

Ion Ratio Lower Upper

112 100

64 64.2 53.1 79.7

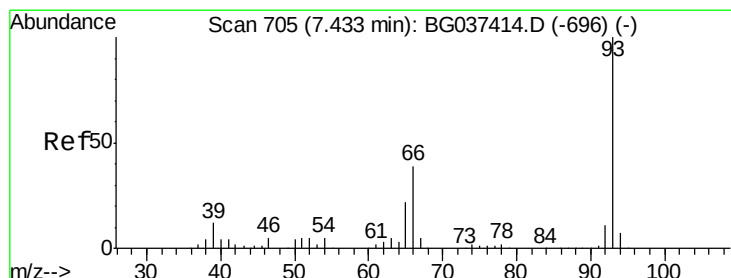
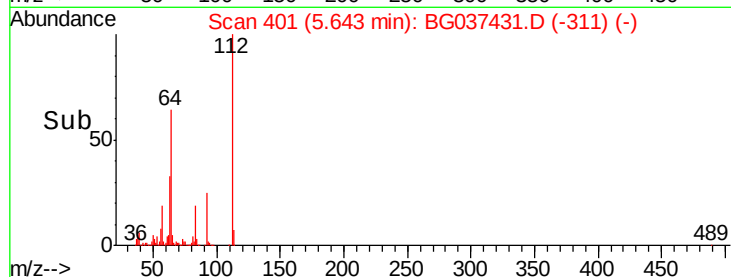
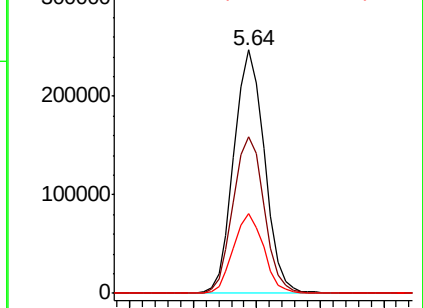
63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.604 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

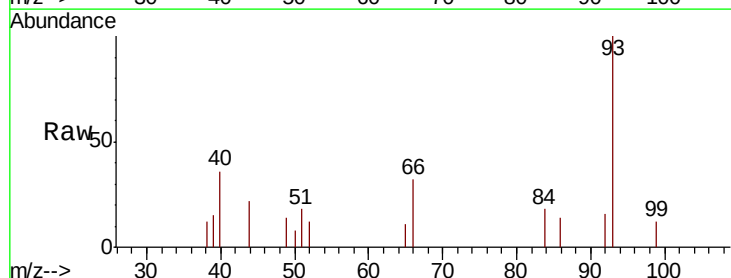
Tgt Ion: 93 Resp: 3347

Ion Ratio Lower Upper

93 100

66 32.5 32.8 49.2#

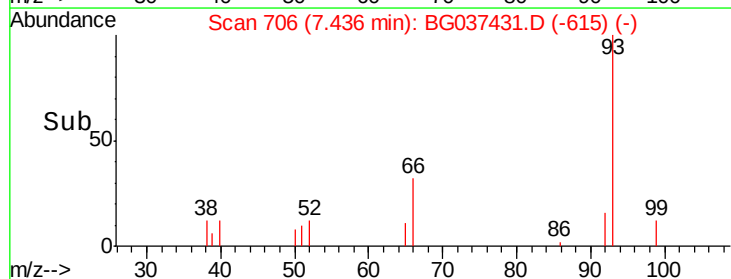
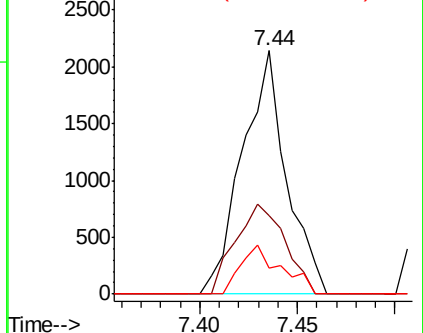
65 10.7 16.4 24.6#

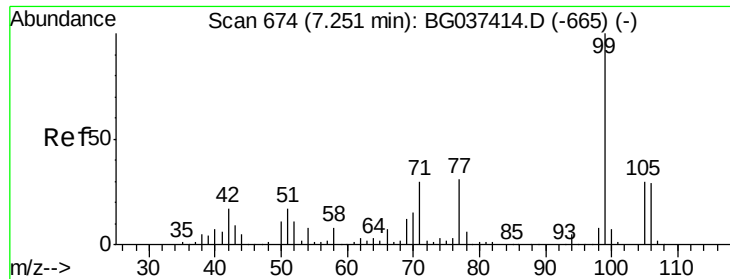


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.209 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

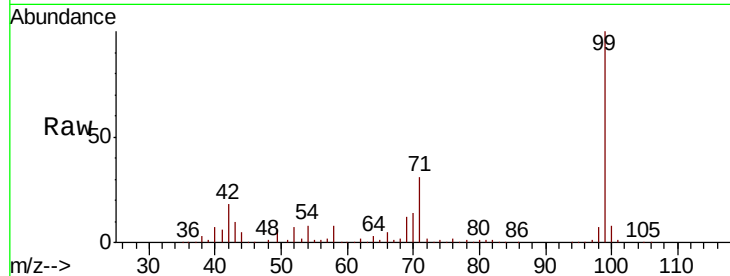
Tot Ion: 99 Resp: 600733

Ion Ratio Lower Upper

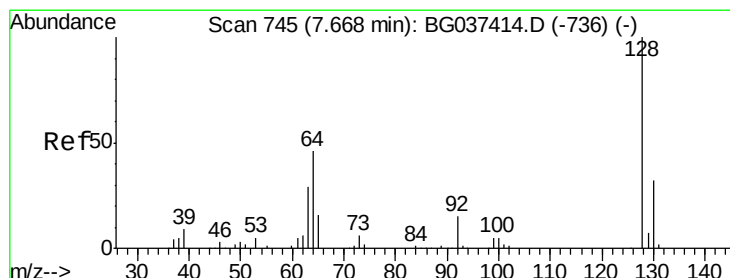
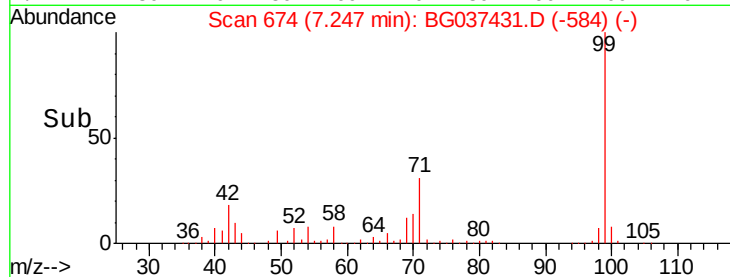
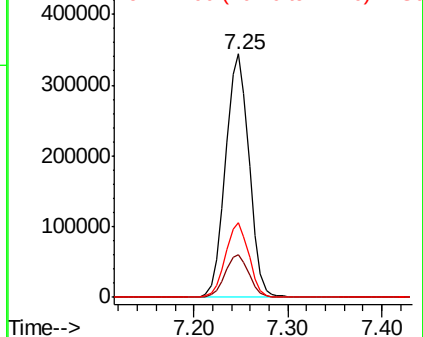
99 100

42 17.5 15.0 22.4

71 30.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 1.050 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

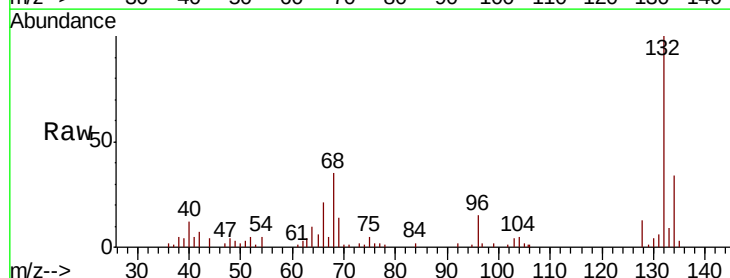
Tgt Ion: 128 Resp: 3692

Ion Ratio Lower Upper

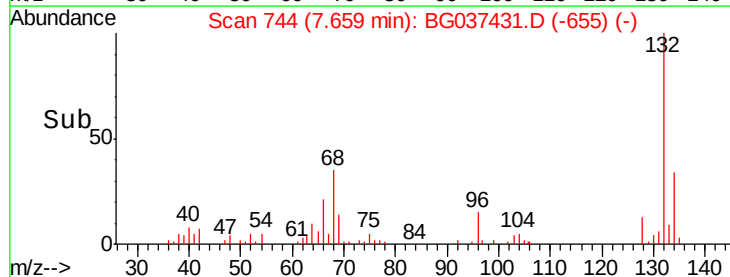
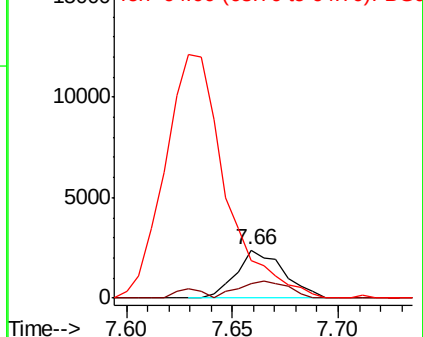
128 100

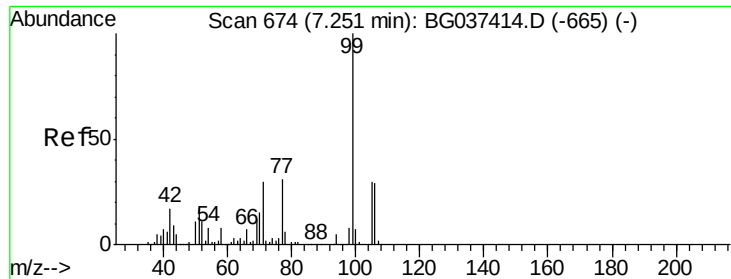
130 31.6 12.0 52.0

64 79.4 32.9 72.9#



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





#9

Benzaldehyde

Concen: 1.298 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

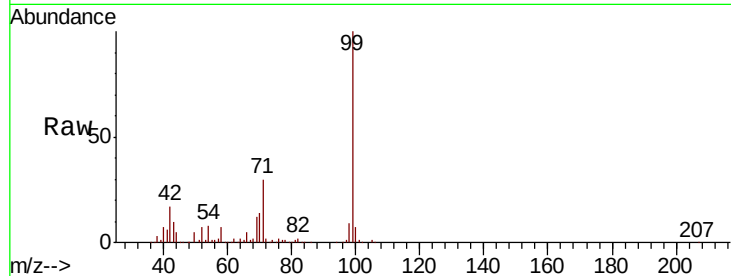
Tot Ion: 77 Resp: 3689

Ion Ratio Lower Upper

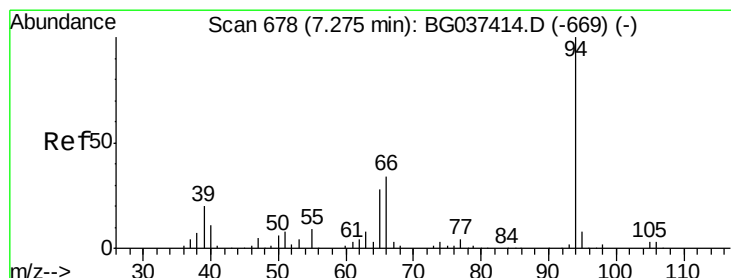
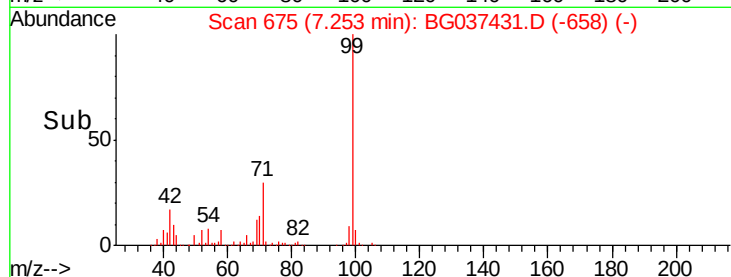
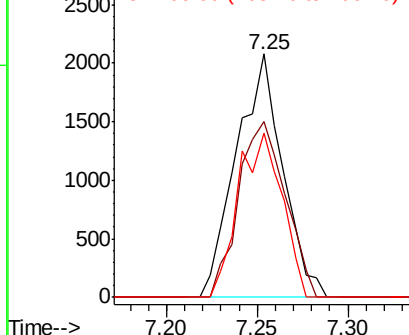
77 100

105 72.1 72.6 112.6#

106 67.4 71.3 111.3#



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: 1.077 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

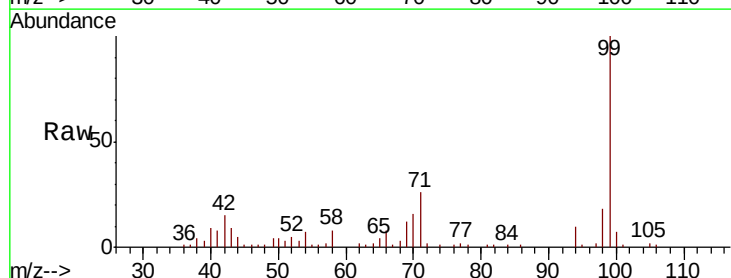
Tgt Ion: 94 Resp: 5162

Ion Ratio Lower Upper

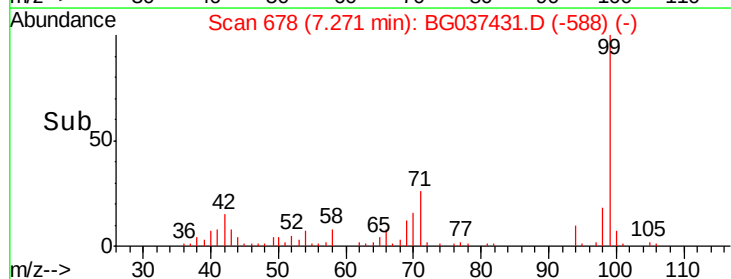
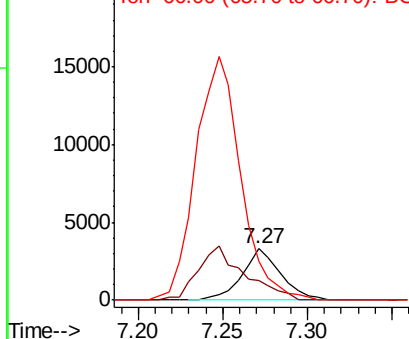
94 100

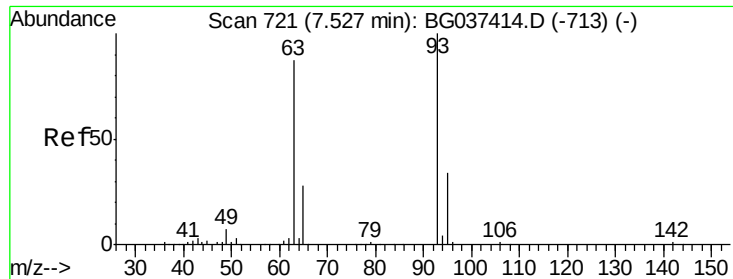
65 39.0 9.7 49.7

66 76.6 15.9 55.9#



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

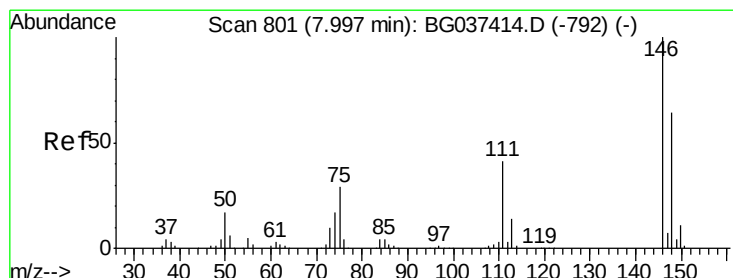
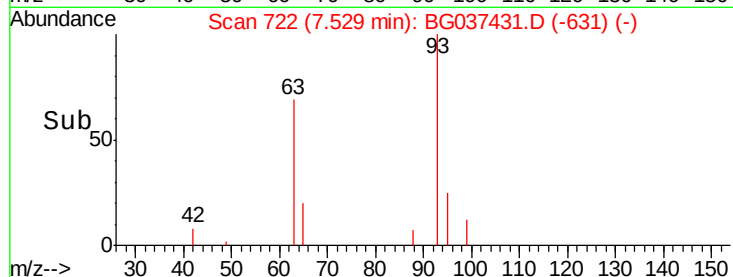
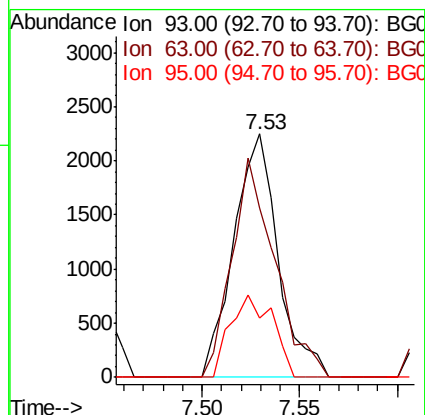
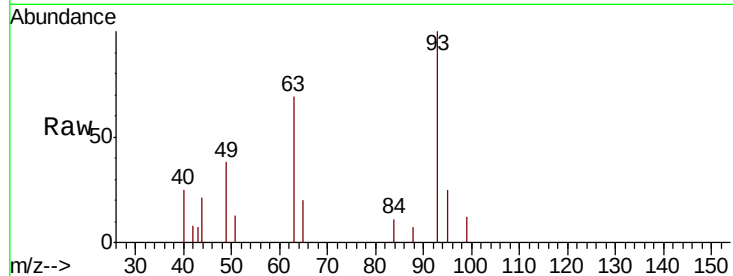




#11
 bis(2-Chloroethyl)ether
 Concen: 0.969 ng
 RT: 7.53 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

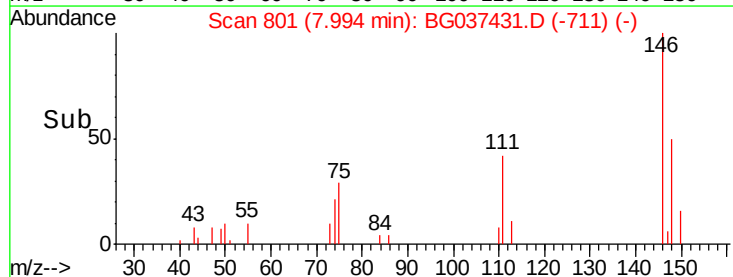
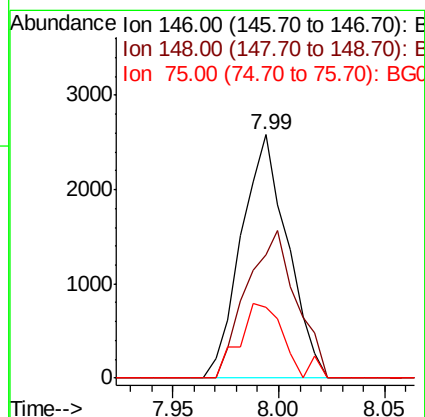
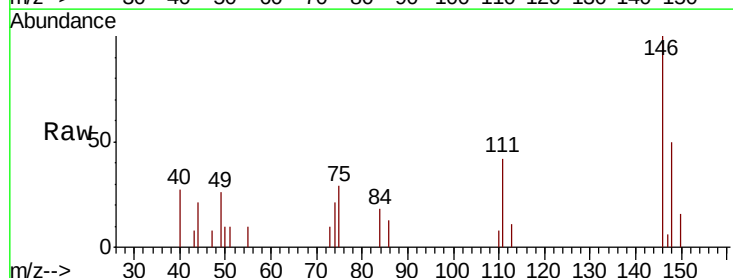
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

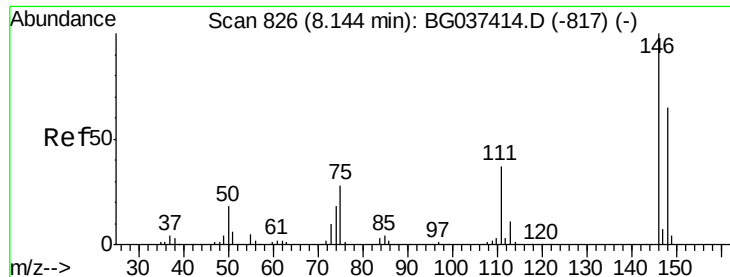
Tot Ion: 93 Resp: 3529
 Ion Ratio Lower Upper
 93 100
 63 69.5 69.5 109.5#
 95 24.5 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 1.001 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion: 146 Resp: 3918
 Ion Ratio Lower Upper
 146 100
 148 50.5 49.8 74.8
 75 29.2 23.2 34.8

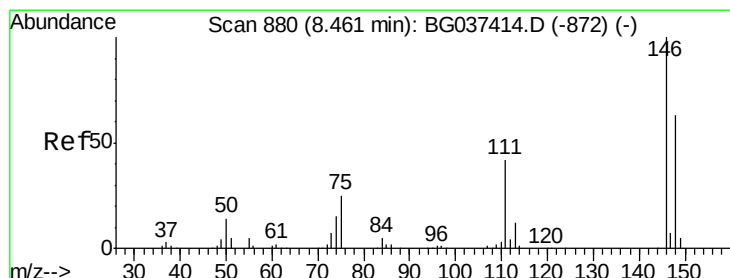
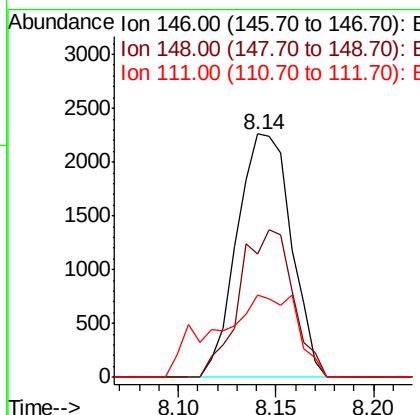
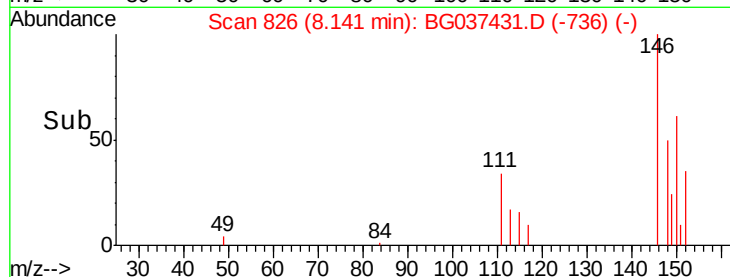
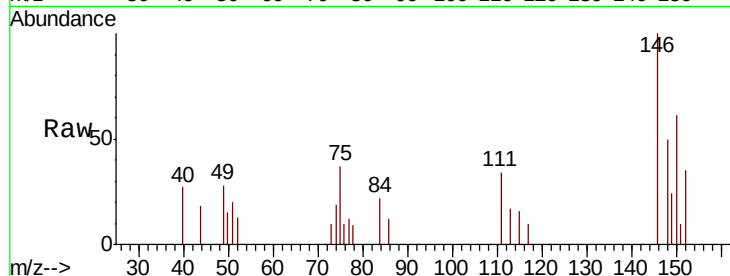




#13
 1,4-Dichlorobenzene
 Concen: 1.084 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

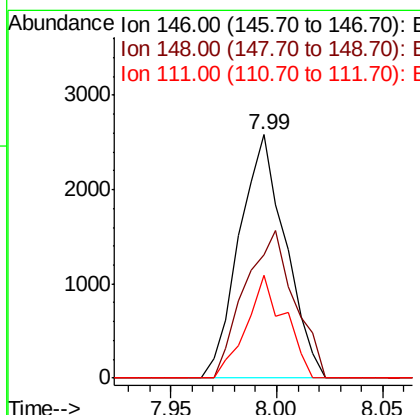
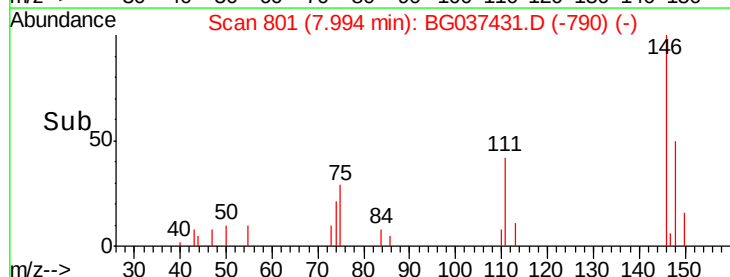
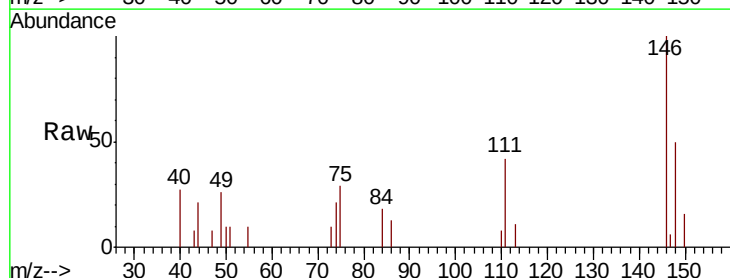
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

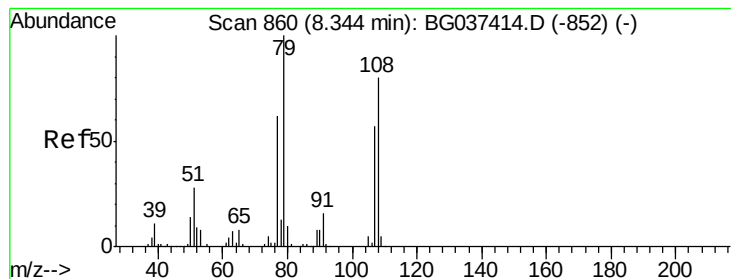
Tot Ion:146 Resp: 4340
 Ion Ratio Lower Upper
 146 100
 148 50.4 51.0 76.6#
 111 33.6 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 1.017 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.47 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:146 Resp: 3918
 Ion Ratio Lower Upper
 146 100
 148 50.5 50.4 75.6
 111 42.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 0.920 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

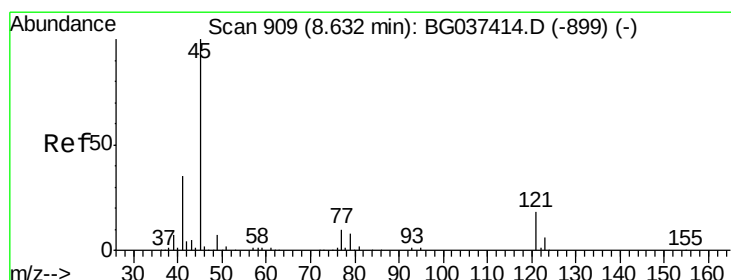
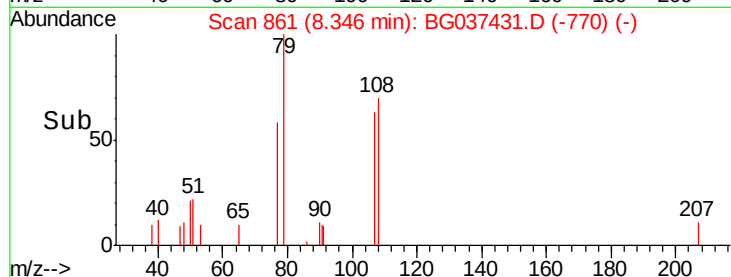
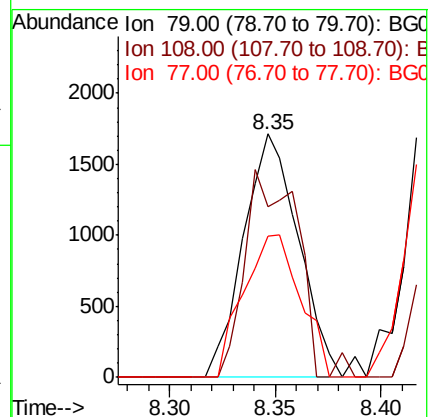
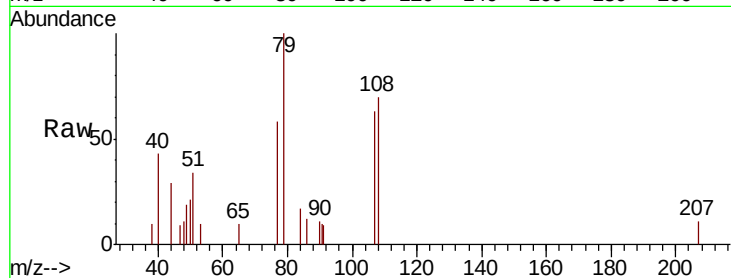
Tot Ion: 79 Resp: 3088

Ion Ratio Lower Upper

79 100

108 70.2 65.8 98.8

77 57.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.004 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

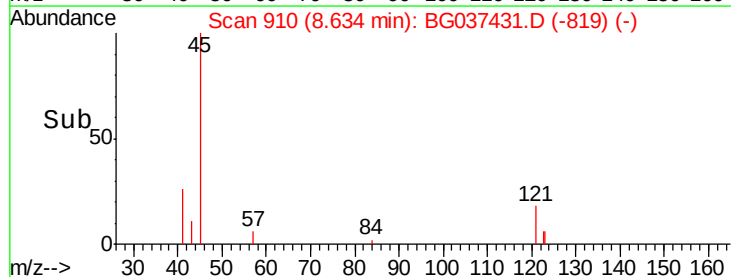
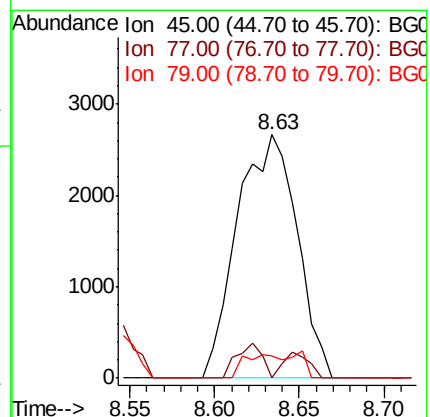
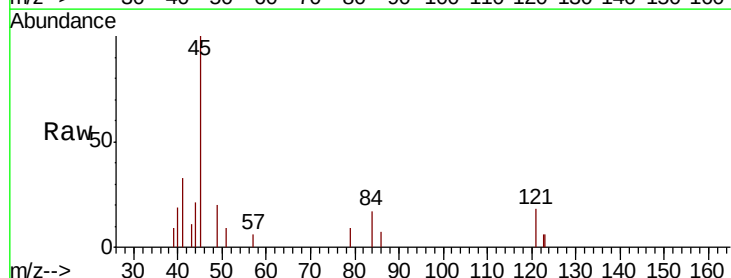
Tgt Ion: 45 Resp: 6541

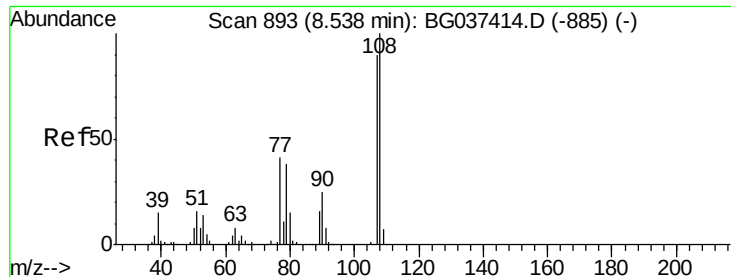
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.0

79 9.2 0.0 29.0

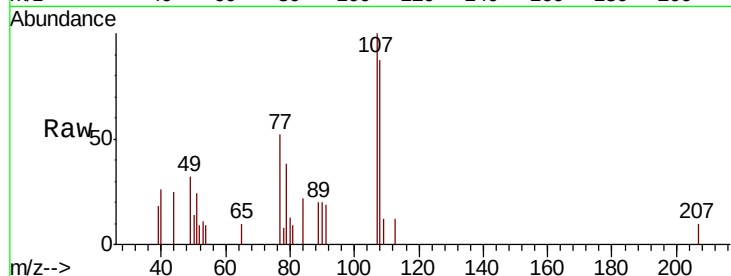




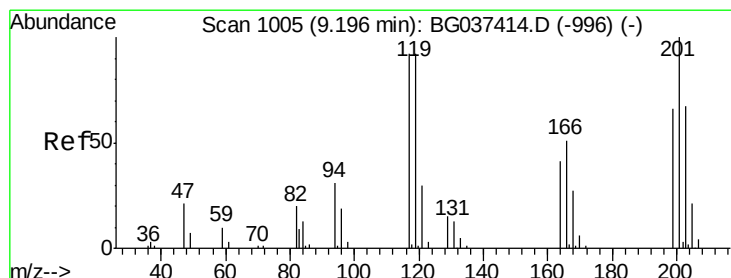
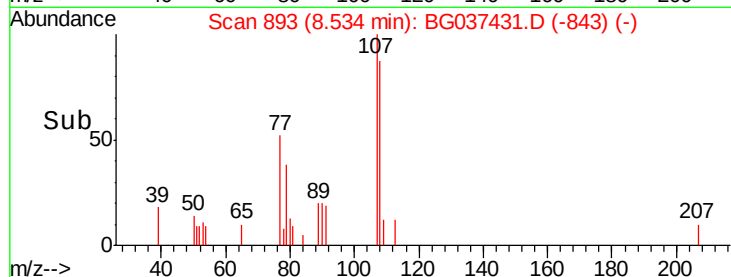
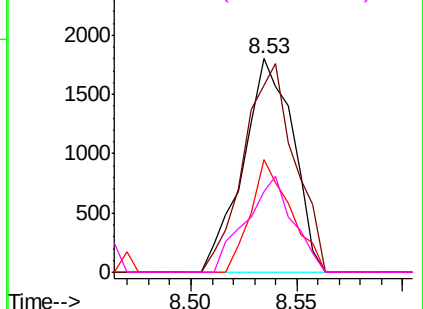
#17
2-Methylphenol
Concen: 0.938 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:107 Resp: 2973
Ion Ratio Lower Upper
107 100
108 87.4 87.9 131.9#
77 52.5 35.1 52.7
79 37.7 34.5 51.7

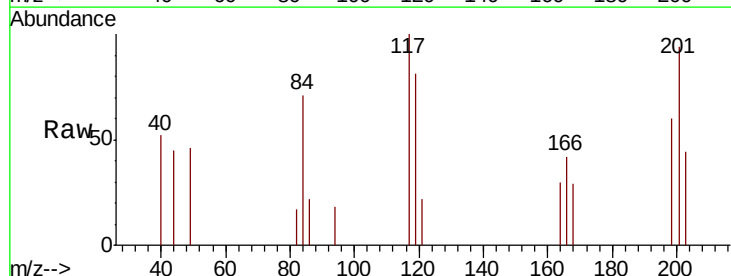


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

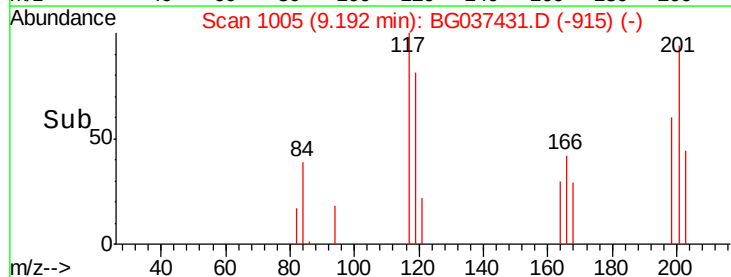
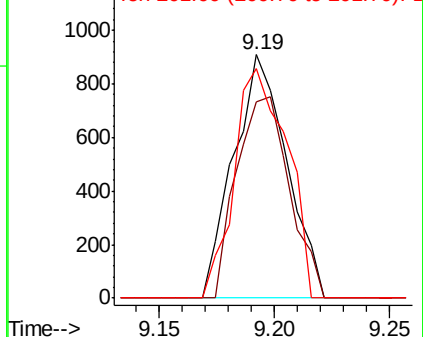


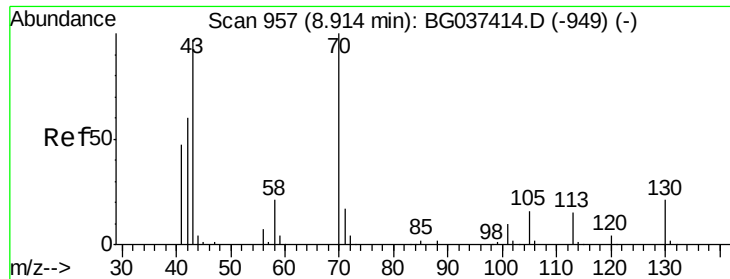
#18
Hexachloroethane
Concen: 1.065 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:117 Resp: 1454
Ion Ratio Lower Upper
117 100
119 80.6 74.6 111.8
201 94.4 80.8 121.2



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

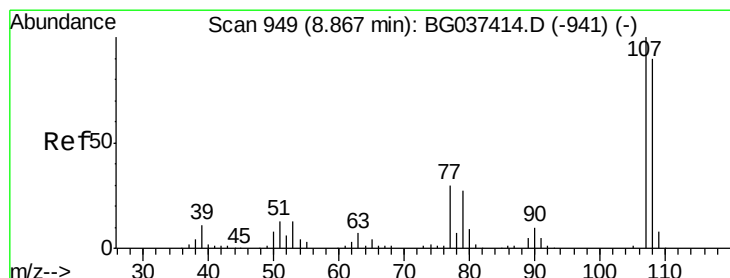
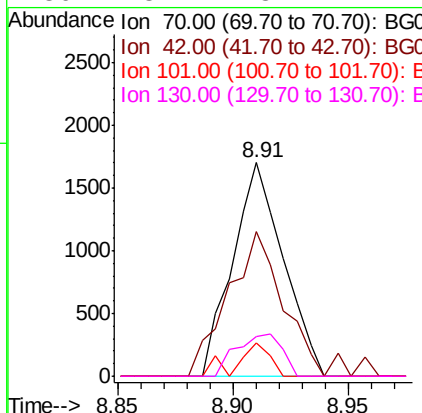
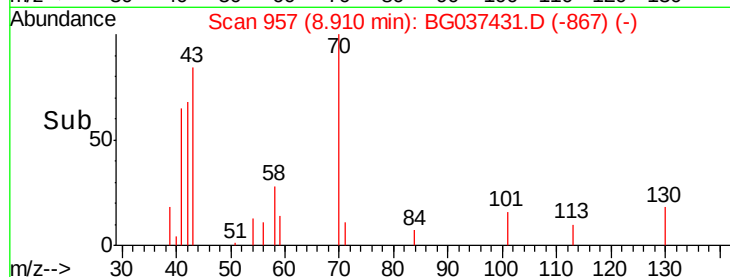
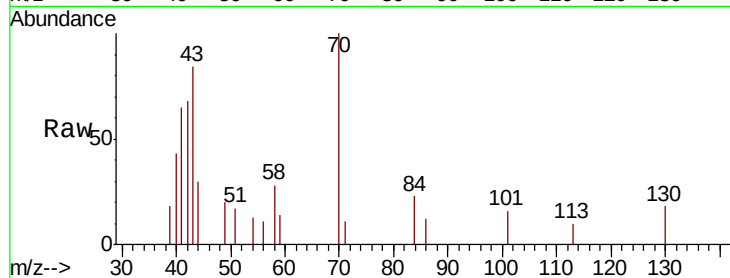




#19
n-Nitroso-di-n-propylamine
Concen: 0.830 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

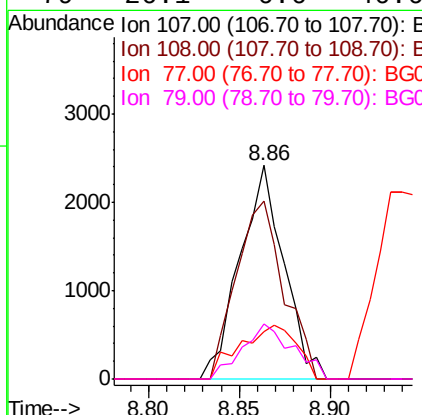
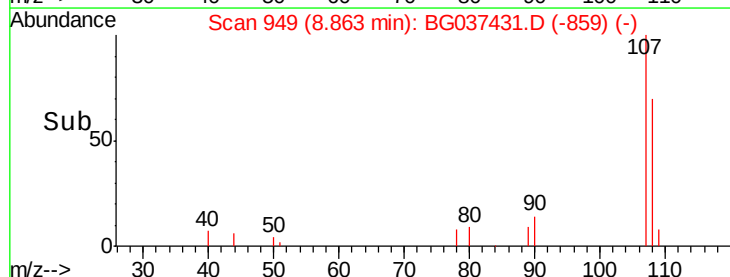
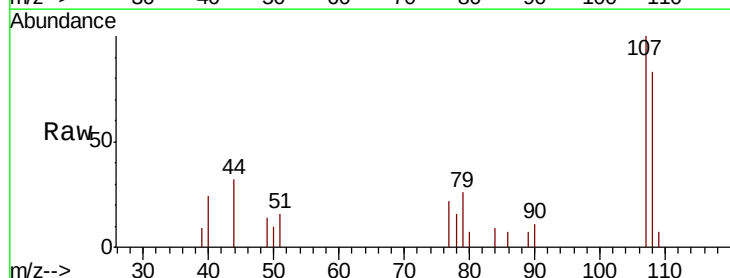
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

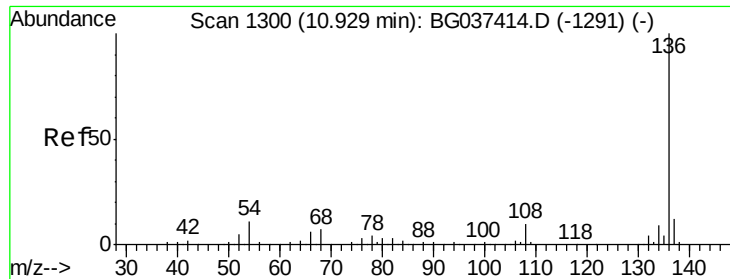
Tot Ion: 70 Resp: 2598
Ion Ratio Lower Upper
70 100
42 67.9 53.9 80.9
101 15.7 8.2 12.2#
130 18.4 18.2 27.4



#20
3+4-Methylphenols
Concen: 0.903 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion: 107 Resp: 4093
Ion Ratio Lower Upper
107 100
108 83.3 69.9 109.9
77 22.3 11.2 51.2
79 26.1 6.6 46.6

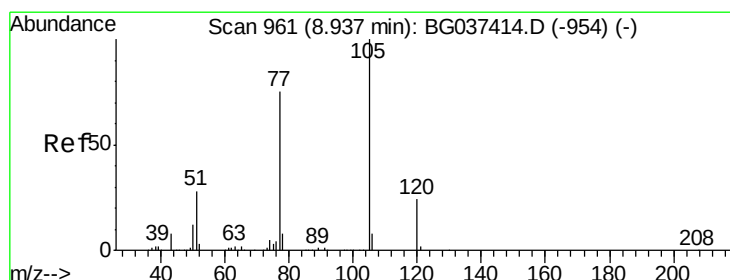
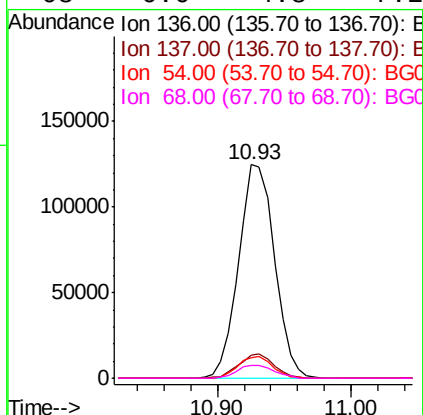
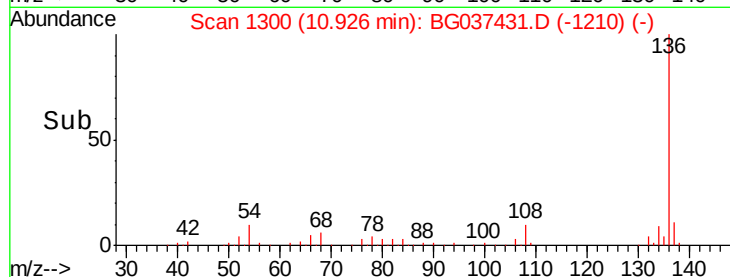
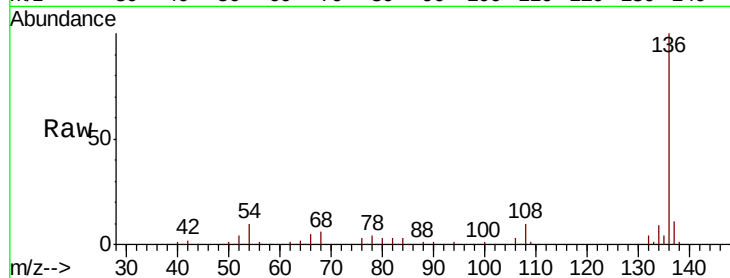




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

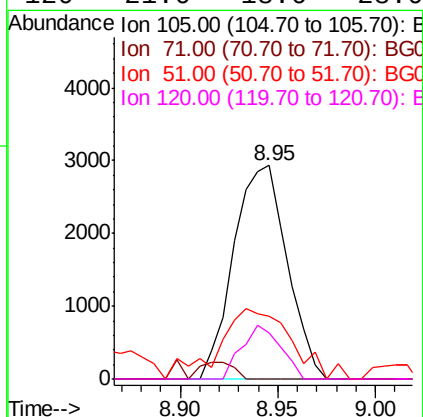
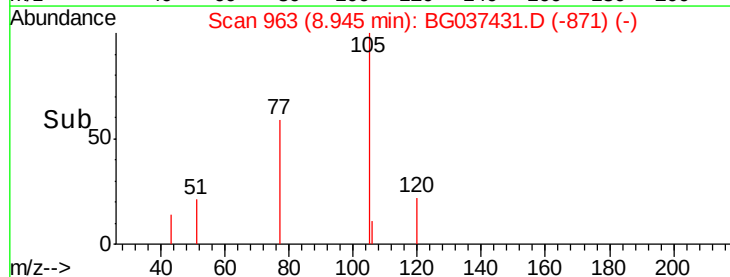
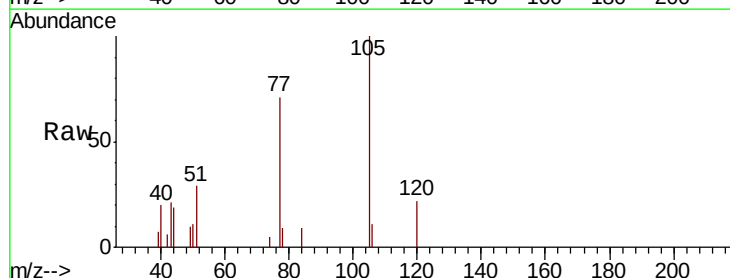
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

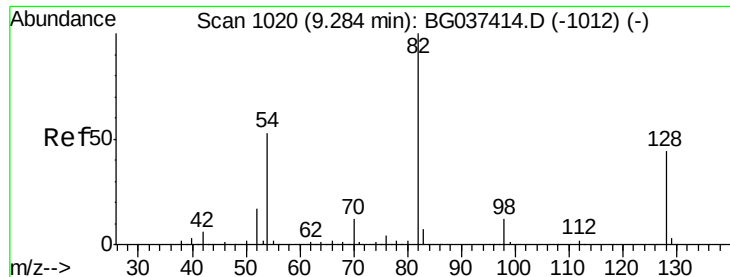
Tot Ion:136	Resp:	232511
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	9.7	7.9 11.9
68	6.0	4.8 7.2



#22
Acetophenone
Concen: 0.952 ng
RT: 8.95 min Scan# 963
Delta R.T. 0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:105	Resp:	5551
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.2 1.8#
51	29.2	25.0 37.6
120	21.6	18.6 28.0

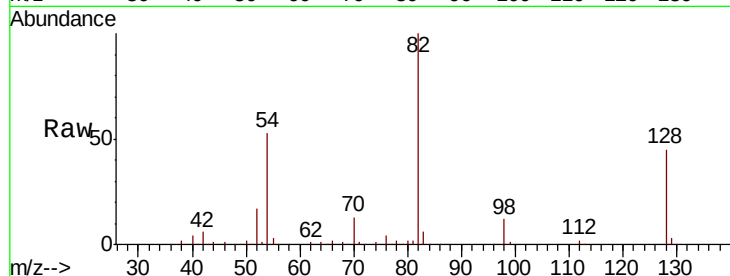




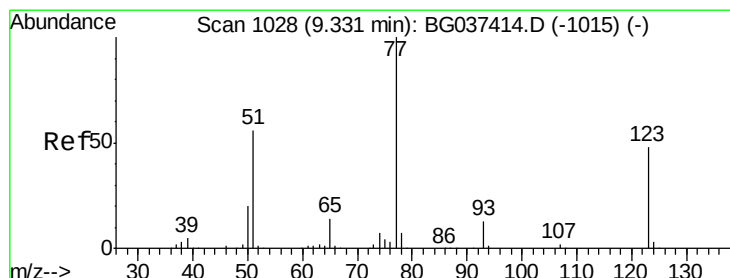
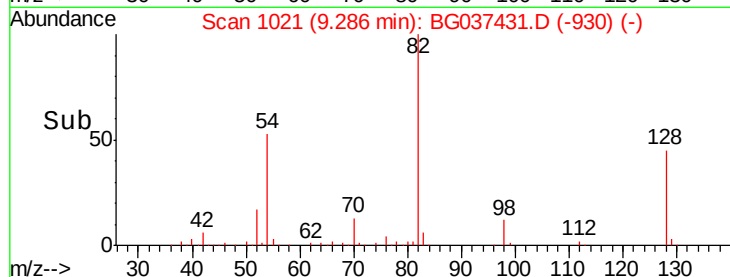
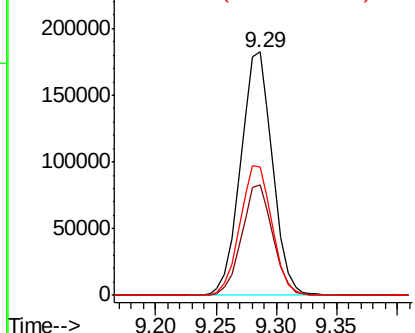
#23
Nitrobenzene-d5
Concen: 80.962 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion: 82 Resp: 336037
Ion Ratio Lower Upper
82 100
128 45.3 34.6 51.8
54 52.7 45.3 67.9

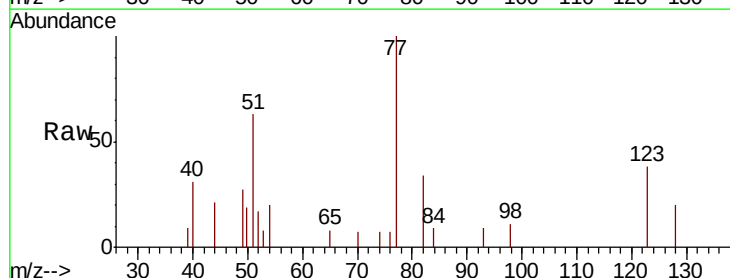


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

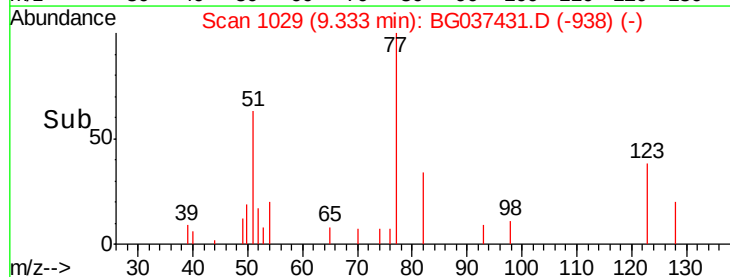
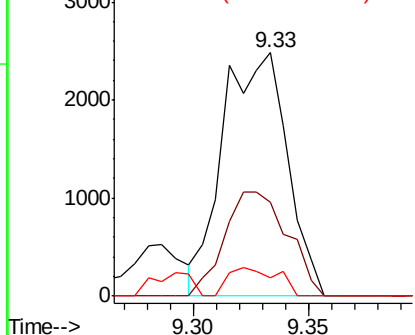


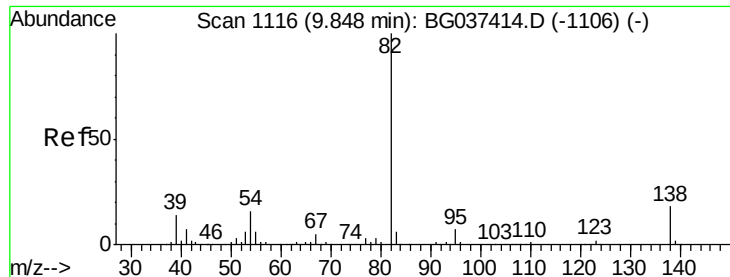
#24
Nitrobenzene
Concen: 1.113 ng
RT: 9.33 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion: 77 Resp: 4801
Ion Ratio Lower Upper
77 100
123 38.4 33.6 50.4
65 7.7 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

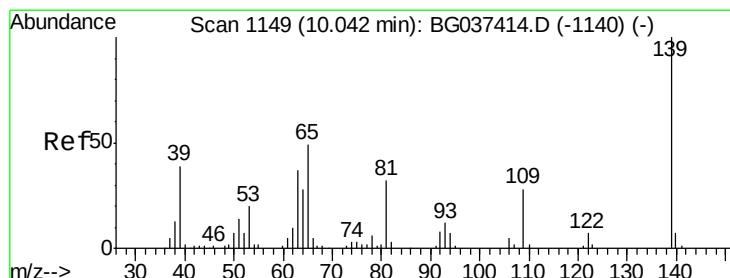
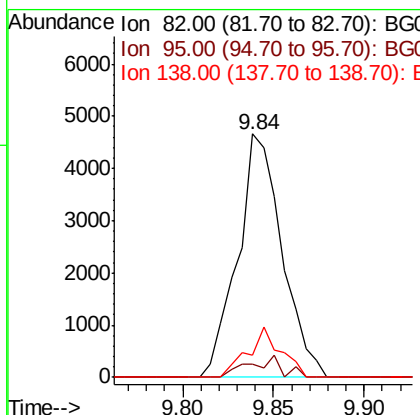
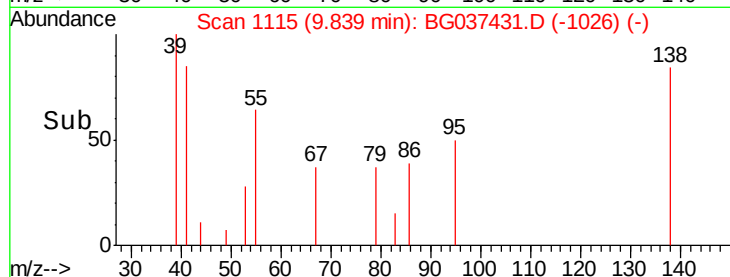
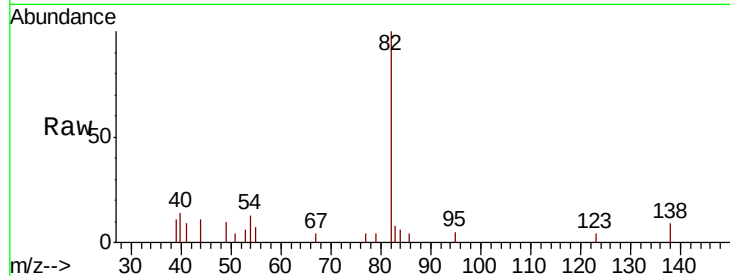




#25
Isophorone
Concen: 1.044 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

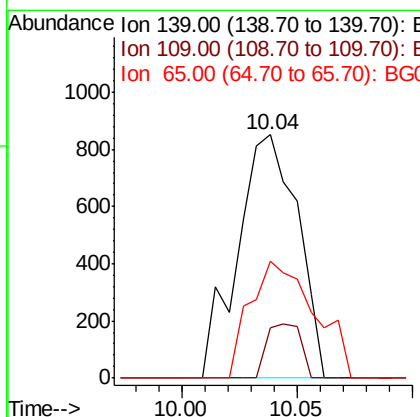
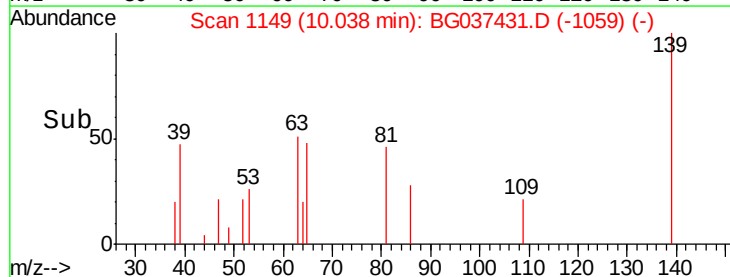
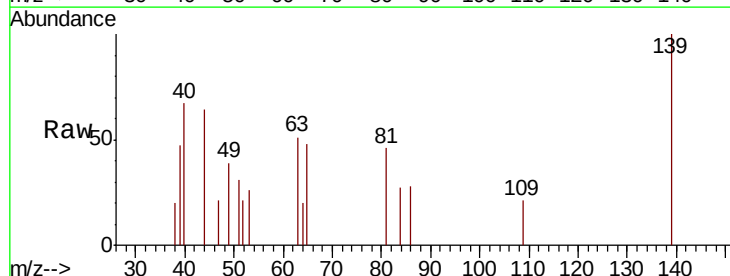
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

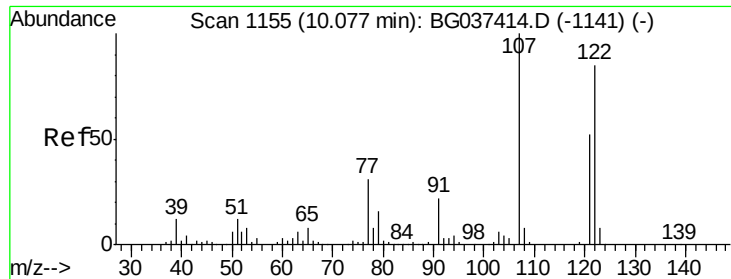
Tot Ion: 82 Resp: 7915
Ion Ratio Lower Upper
82 100
95 5.5 5.3 7.9
138 9.1 13.3 19.9#



#26
2-Nitrophenol
Concen: 0.792 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion: 139 Resp: 1538
Ion Ratio Lower Upper
139 100
109 20.9 23.3 34.9#
65 47.9 39.8 59.8

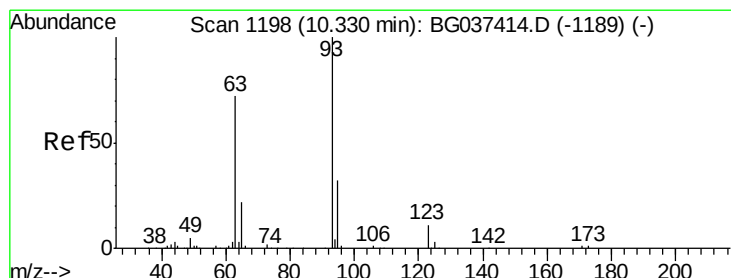
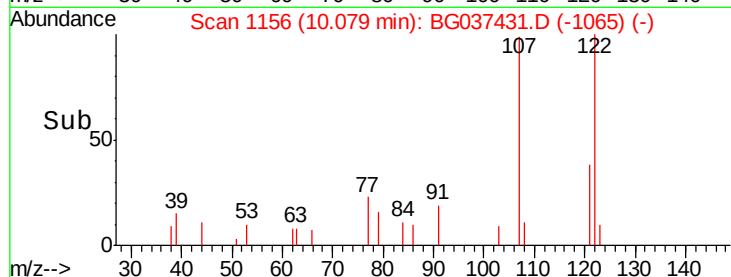
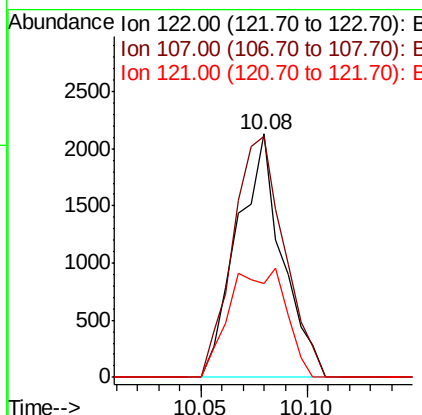
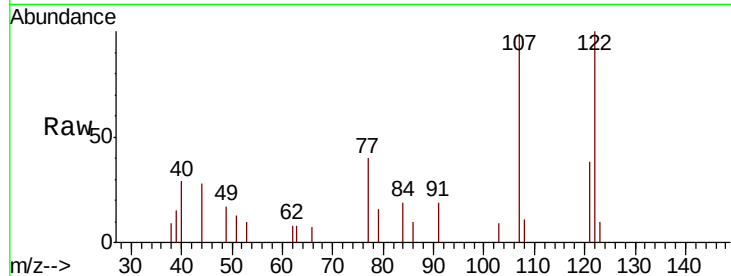




#27
 2,4-Dimethylphenol
 Concen: 0.911 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

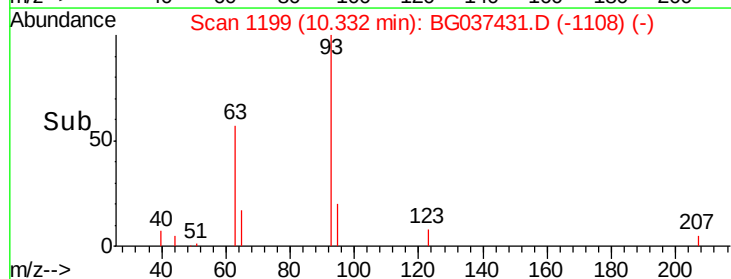
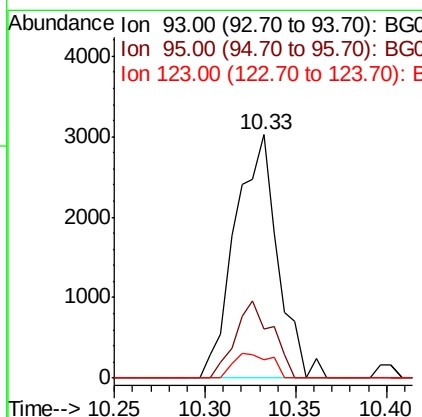
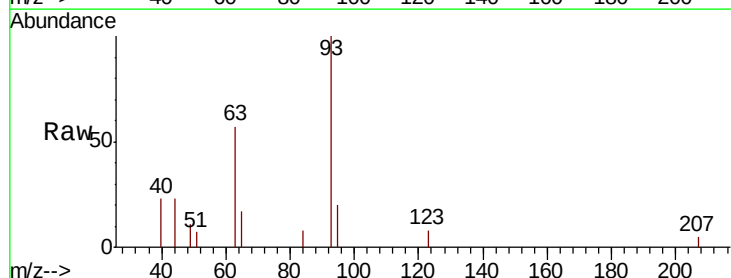
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

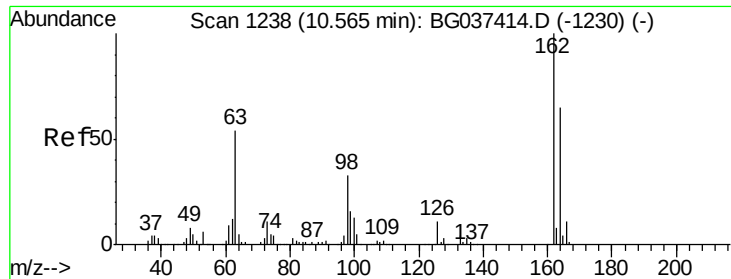
Tot Ion:122 Resp: 3159
 Ion Ratio Lower Upper
 122 100
 107 98.8 94.2 141.2
 121 38.5 47.3 70.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.999 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion: 93 Resp: 4964
 Ion Ratio Lower Upper
 93 100
 95 20.3 24.6 37.0#
 123 7.7 9.1 13.7#

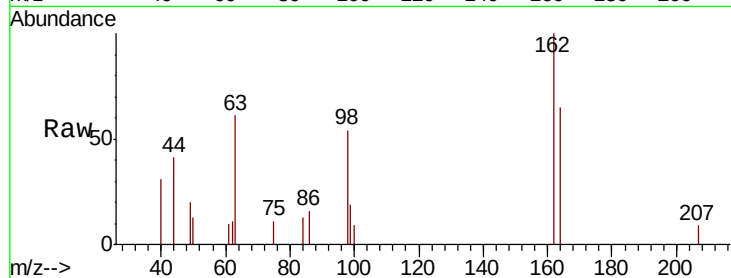




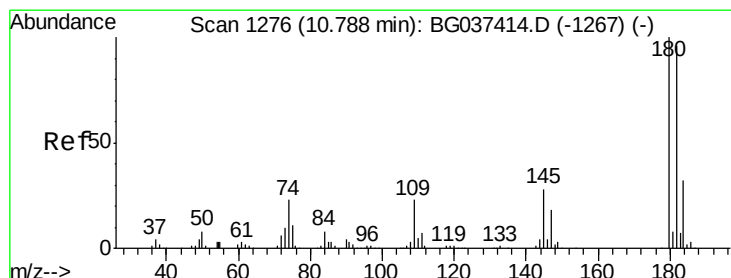
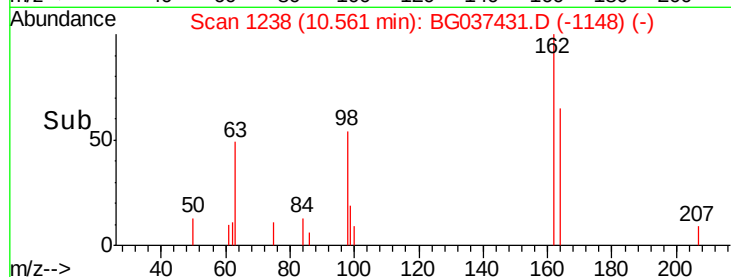
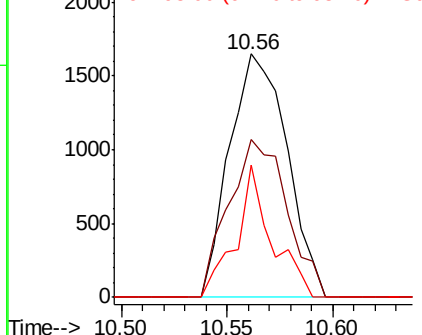
#29
 2,4-Dichlorophenol
 Concen: 0.806 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion:162 Resp: 3112
 Ion Ratio Lower Upper
 162 100
 164 64.8 43.2 83.2
 98 54.4 16.0 56.0

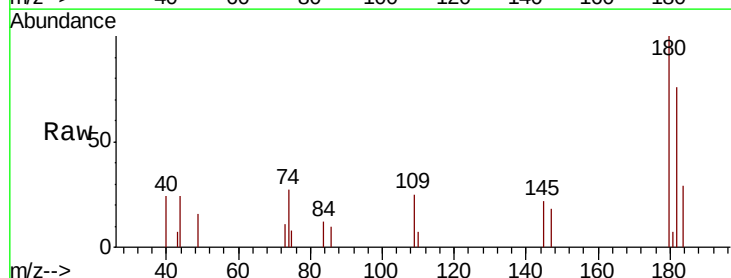


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

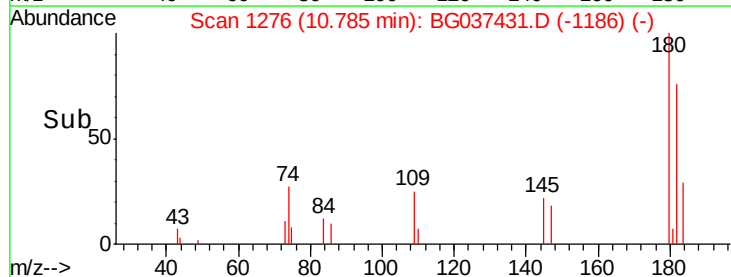
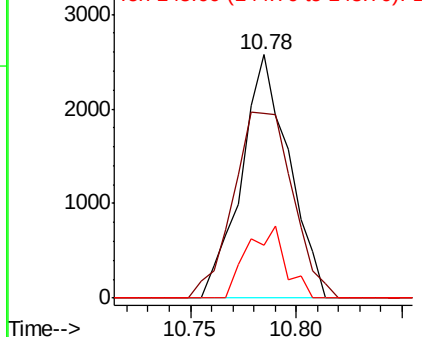


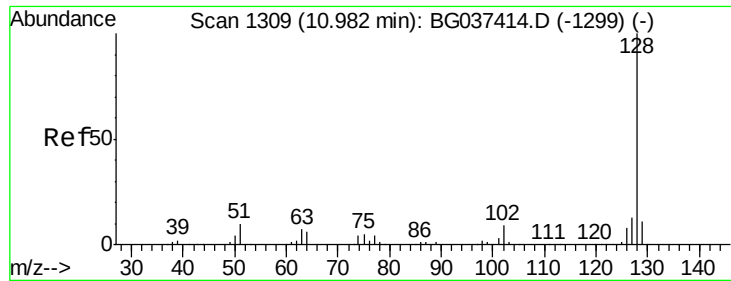
#30
 1,2,4-Trichlorobenzene
 Concen: 0.961 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:180 Resp: 4036
 Ion Ratio Lower Upper
 180 100
 182 75.8 77.7 116.5#
 145 22.0 23.3 34.9#



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

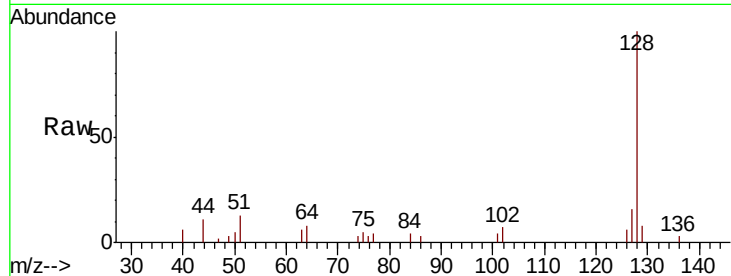




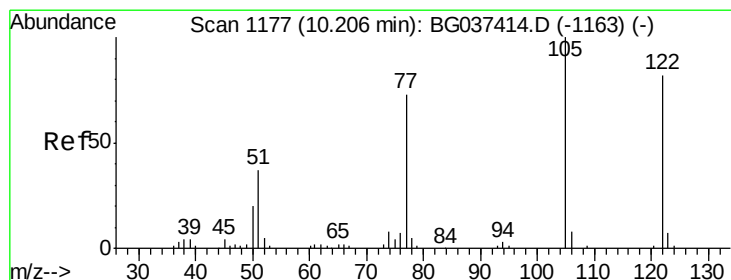
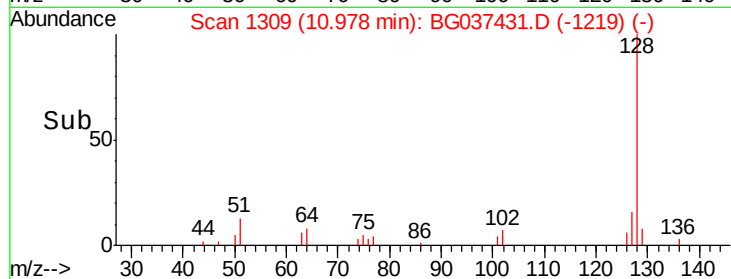
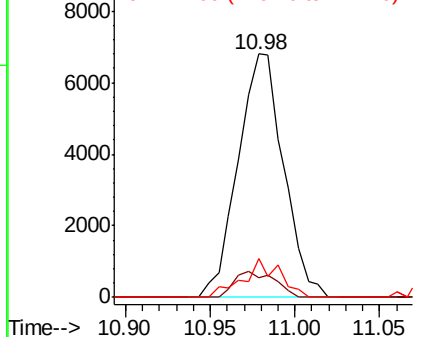
#31
Naphthalene
Concen: 1.115 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:128 Resp: 12739
Ion Ratio Lower Upper
128 100
129 8.3 9.0 13.6#
127 16.2 11.1 16.7

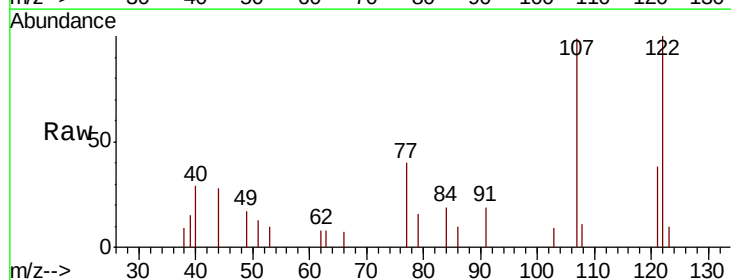


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

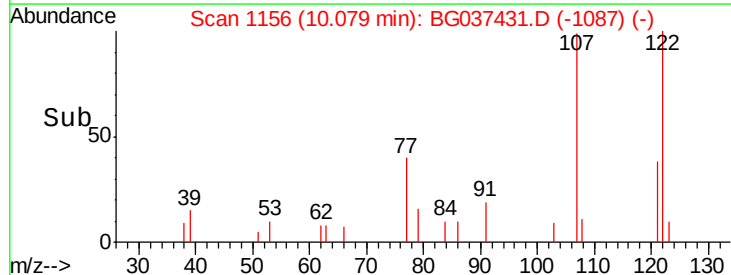
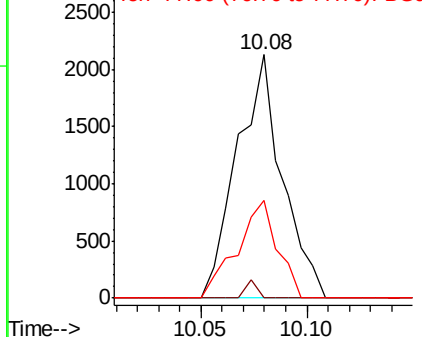


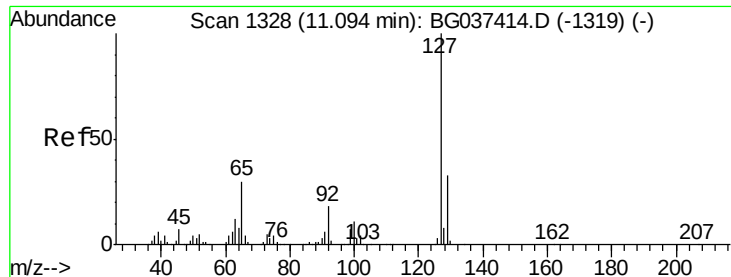
#32
Benzoic acid
Concen: 1.402 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:122 Resp: 3159
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 40.4 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

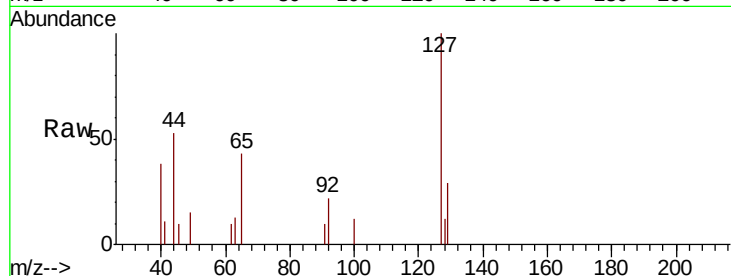




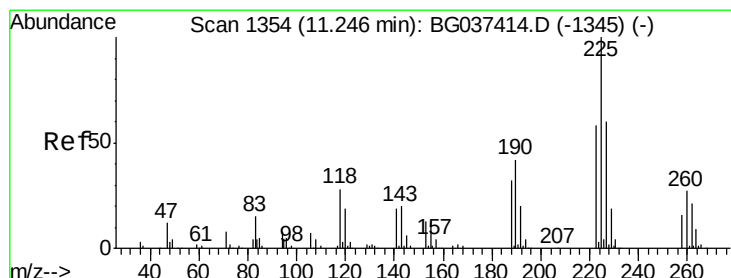
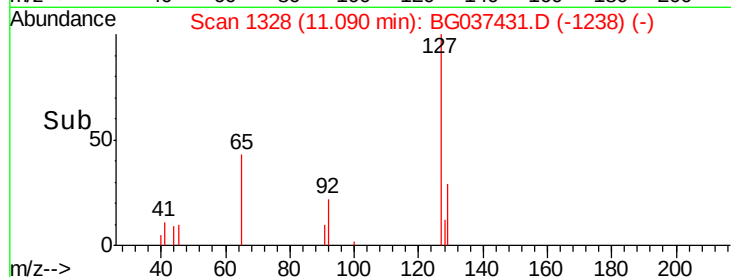
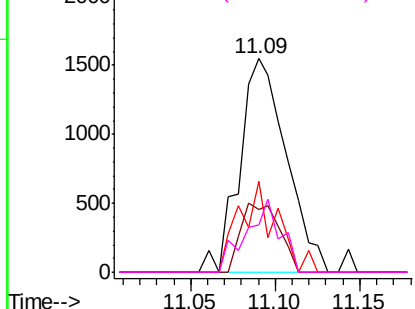
#33
4-Chloroaniline
Concen: 0.555 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:127	Resp:	2978
Ion	Ratio	Lower Upper
127	100	
129	29.2	27.1 40.7
65	42.7	26.6 39.8
92	22.1	16.4 24.6

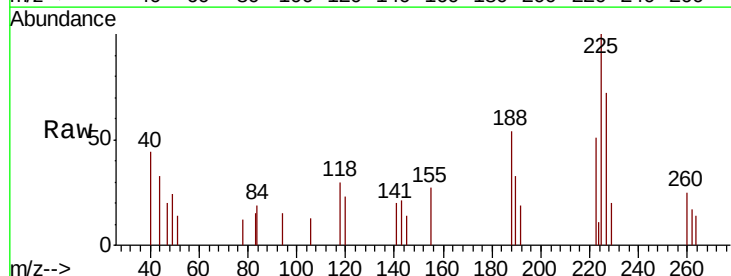


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

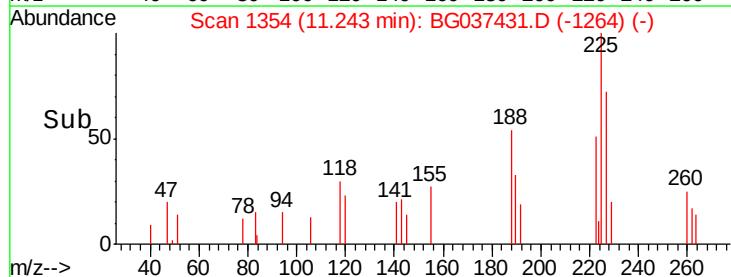
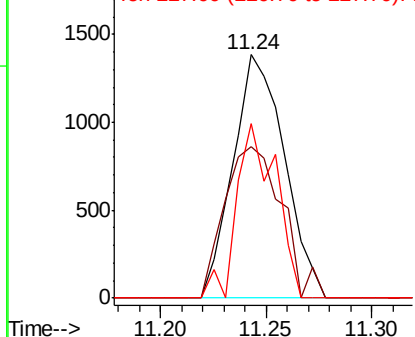


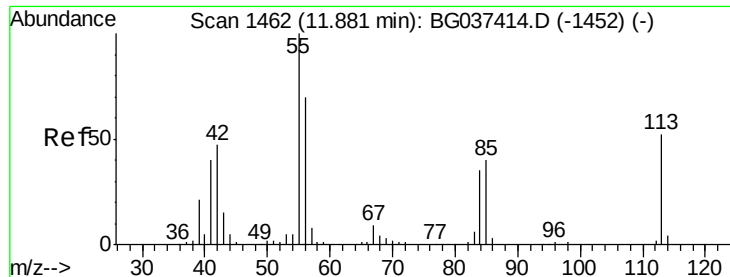
#34
Hexachlorobutadiene
Concen: 0.938 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:225	Resp:	2335
Ion	Ratio	Lower Upper
225	100	
223	62.3	48.2 72.4
227	71.8	51.6 77.4



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: 0.216 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

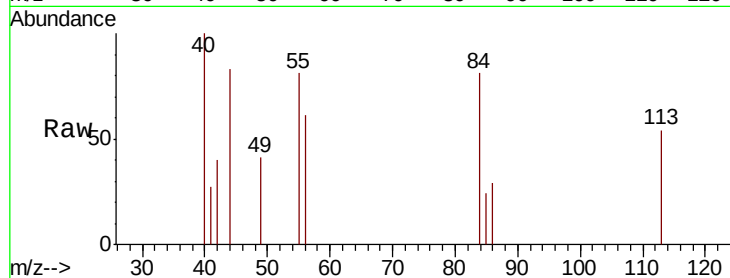
Tot Ion:113 Resp: 334

Ion Ratio Lower Upper

113 100

55 150.8 176.6 216.6#

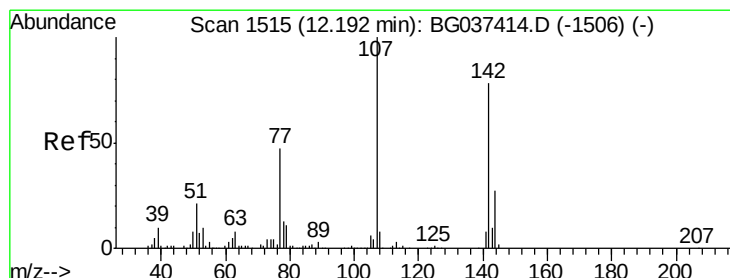
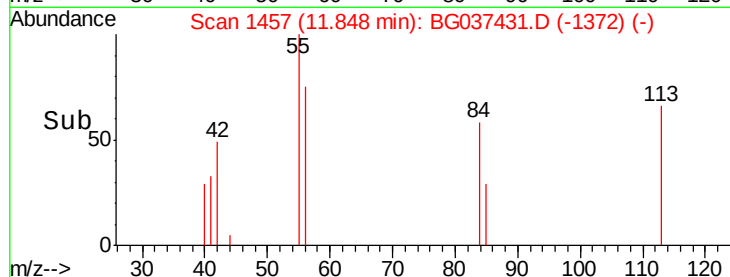
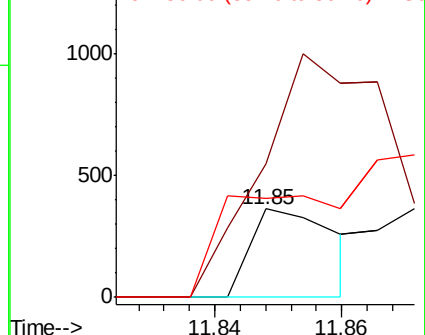
56 113.0 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.858 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

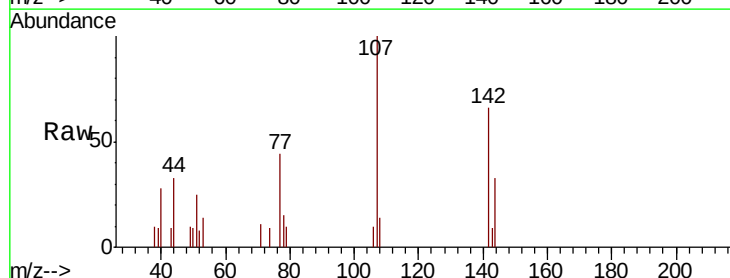
Tgt Ion:107 Resp: 3736

Ion Ratio Lower Upper

107 100

144 32.6 20.7 31.1#

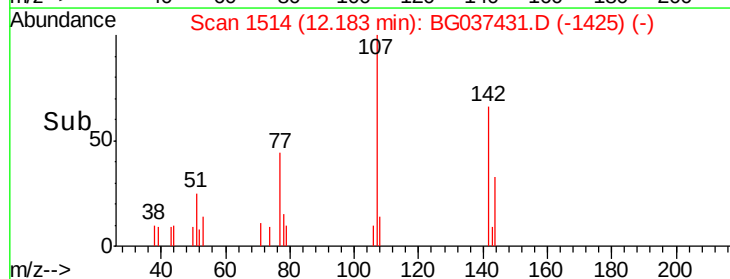
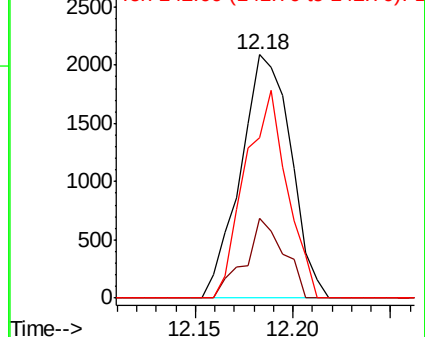
142 65.8 64.4 96.6

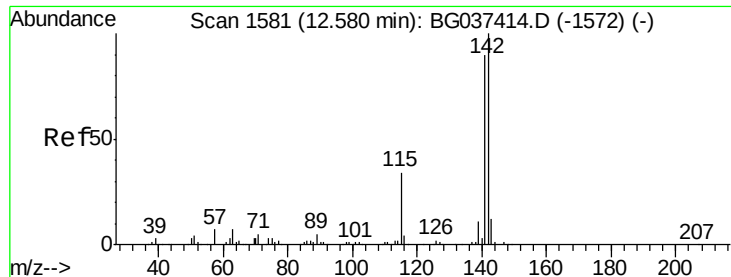


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

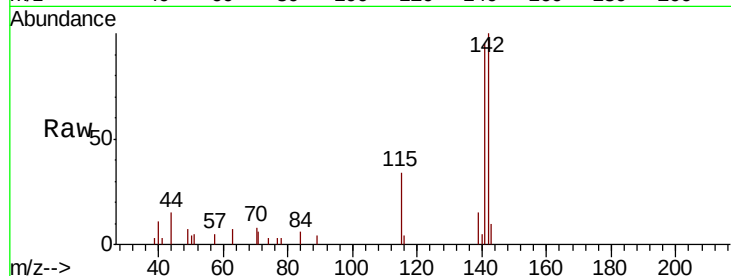




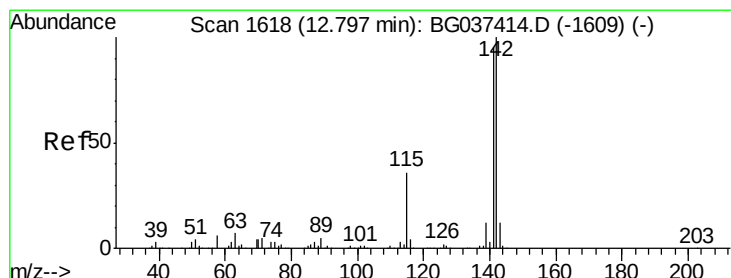
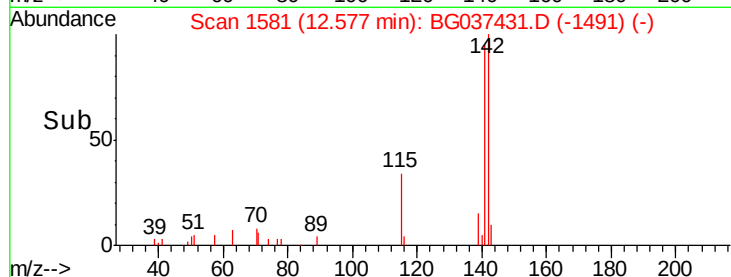
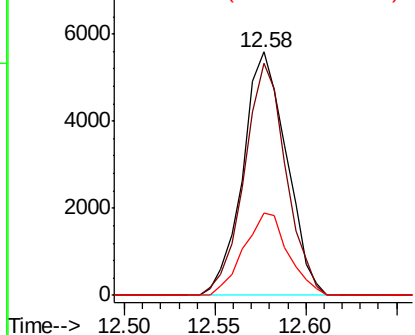
#37
2-Methylnaphthalene
Concen: 1.124 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:142 Resp: 9358
Ion Ratio Lower Upper
142 100
141 95.3 71.9 107.9
115 34.0 27.8 41.8

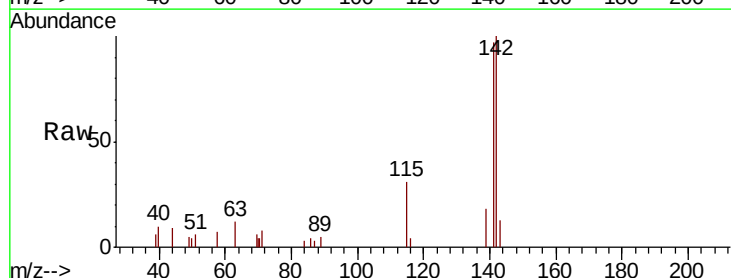


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

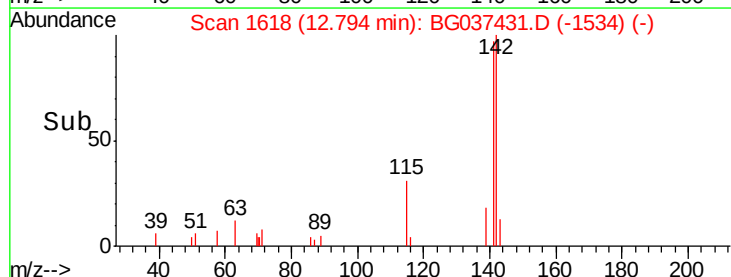
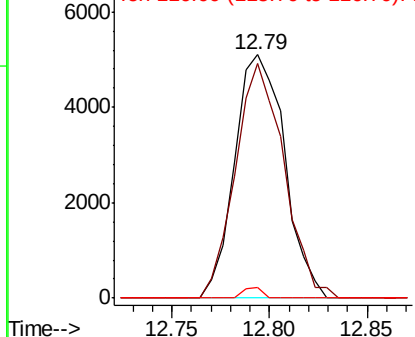


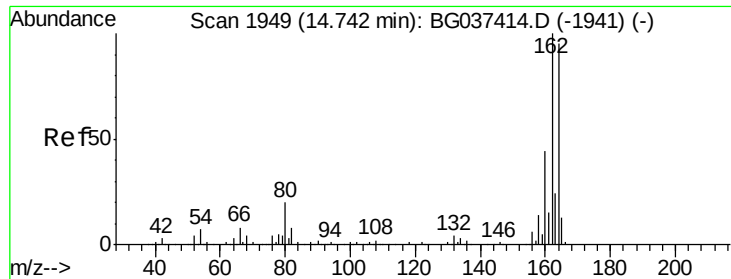
#38
1-Methylnaphthalene
Concen: 1.117 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:142 Resp: 9029
Ion Ratio Lower Upper
142 100
141 96.5 75.2 112.8
116 4.3 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

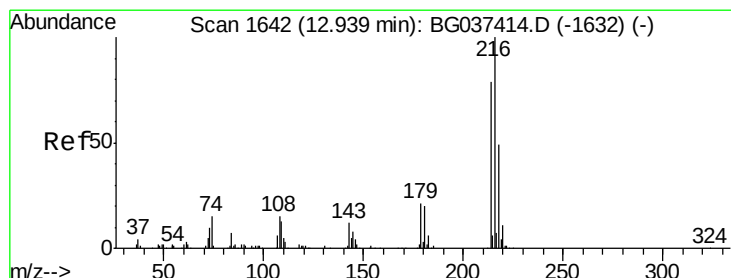
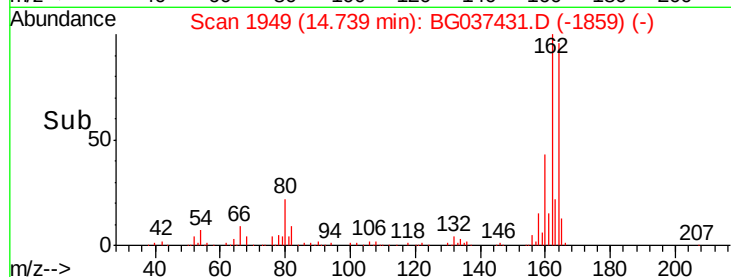
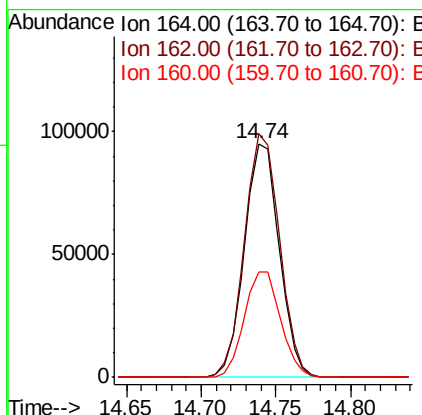
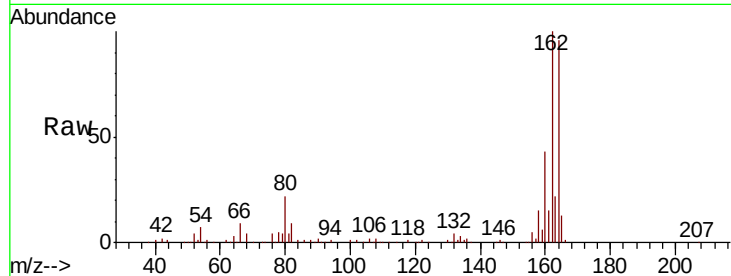




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

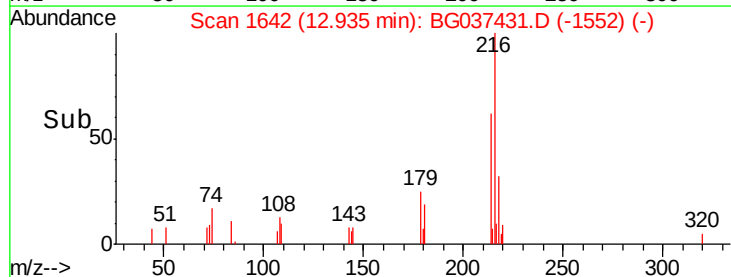
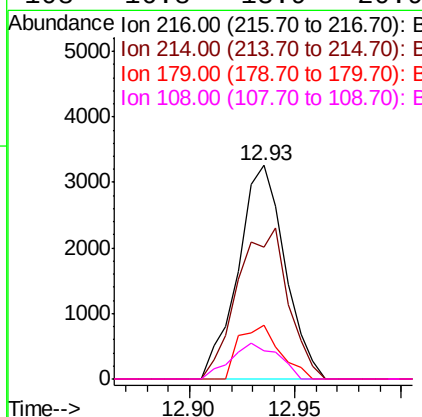
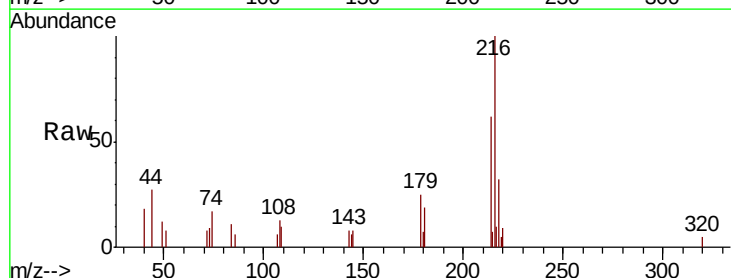
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

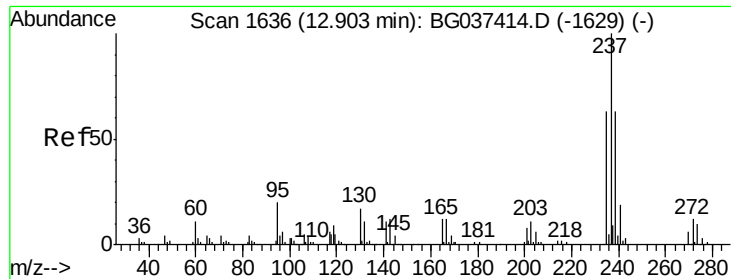
Tot Ion:	164	Resp:	153228
Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.3	121.9
160	45.4	36.3	54.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.011 ng
 RT: 12.93 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:	216	Resp:	4998
Ion	Ratio	Lower	Upper
216	100		
214	76.1	63.8	95.6
179	22.0	17.4	26.0
108	16.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 0.679 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

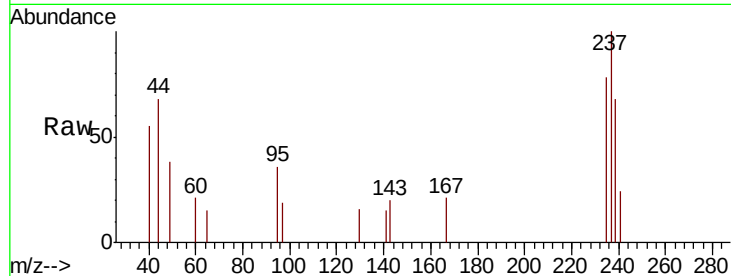
Tot Ion:237 Resp: 1604

Ion Ratio Lower Upper

237 100

235 78.5 42.5 82.5

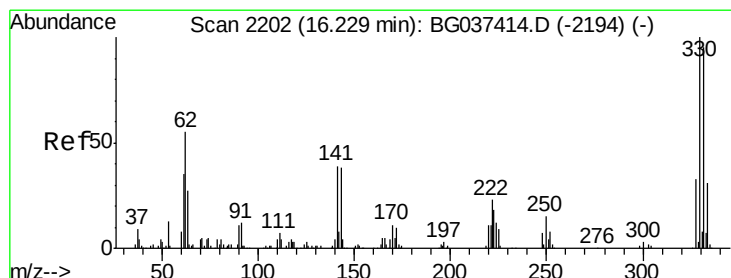
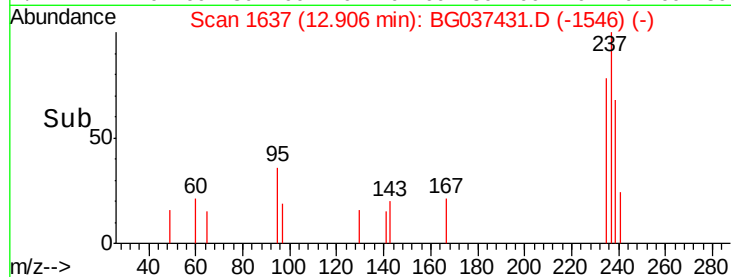
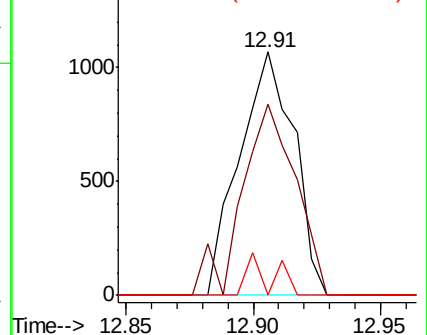
272 0.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.128 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

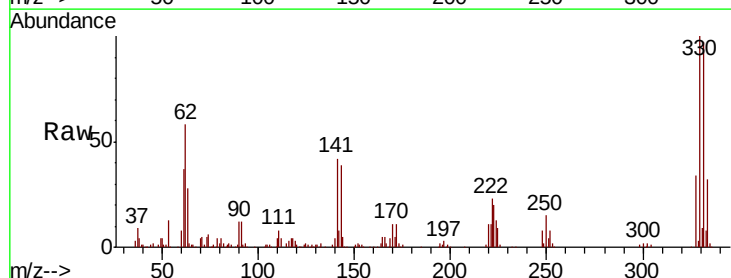
Tgt Ion:330 Resp: 232516

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

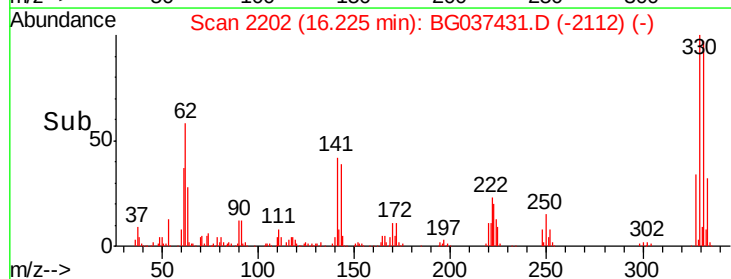
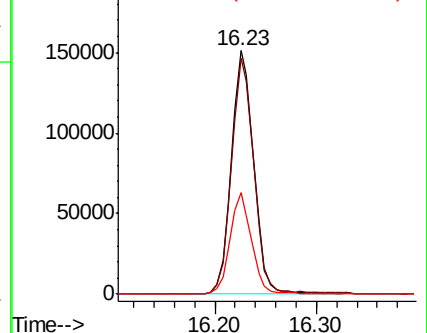
141 39.8 32.2 48.2

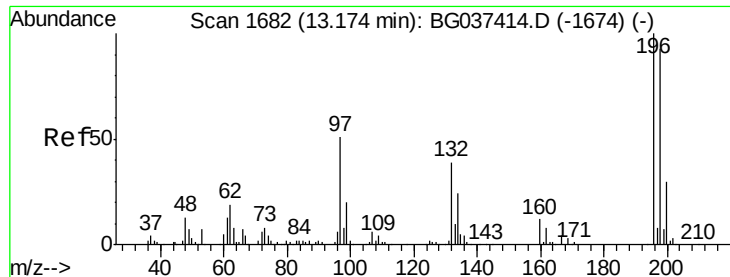


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

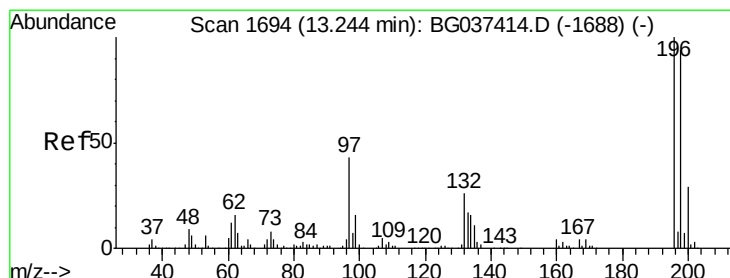
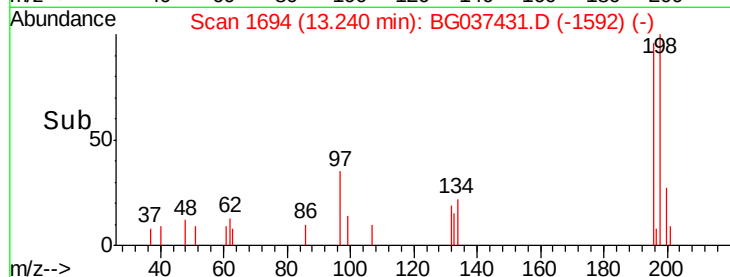
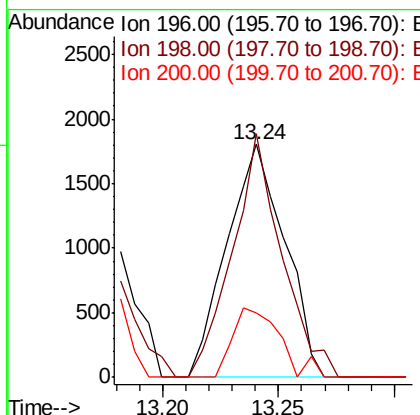
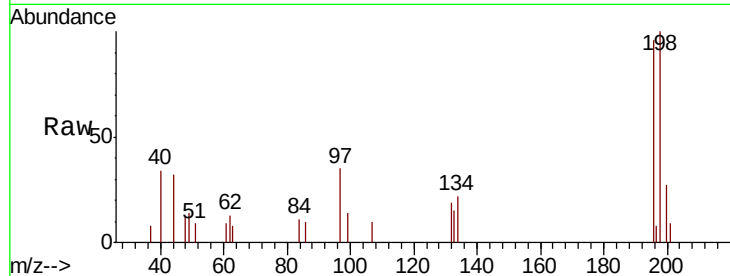




#43
 2,4,6-Trichlorophenol
 Concen: 0.949 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. 0.07 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

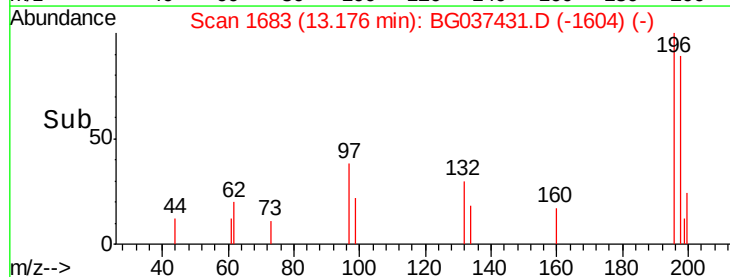
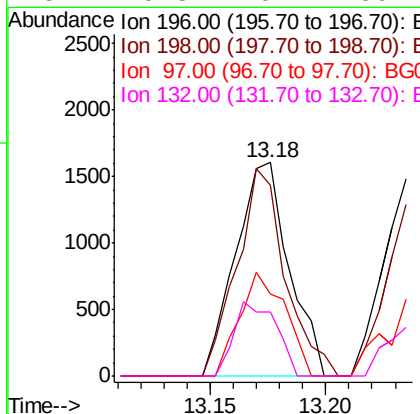
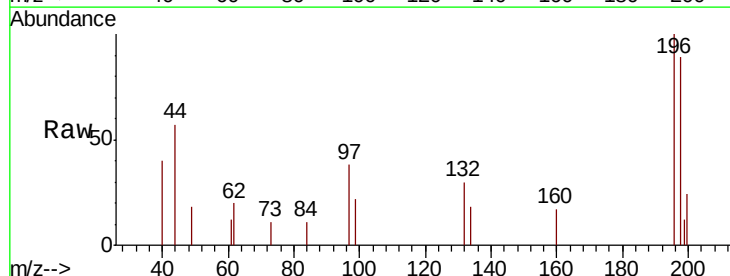
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

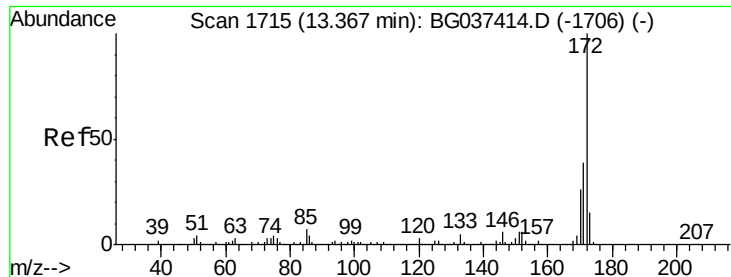
Tot Ion:196 Resp: 3133
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.4 114.6
 200 25.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 0.719 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.07 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:196 Resp: 2585
 Ion Ratio Lower Upper
 196 100
 198 89.0 74.2 111.2
 97 38.2 34.1 51.1
 132 29.8 20.2 30.4

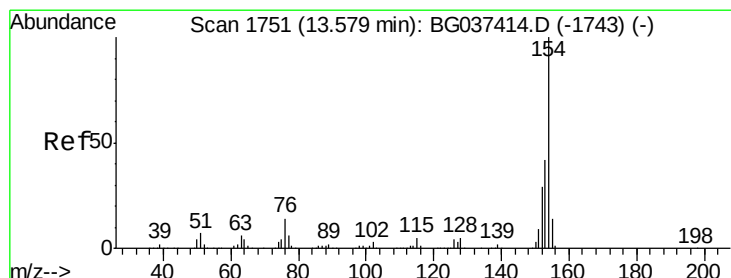
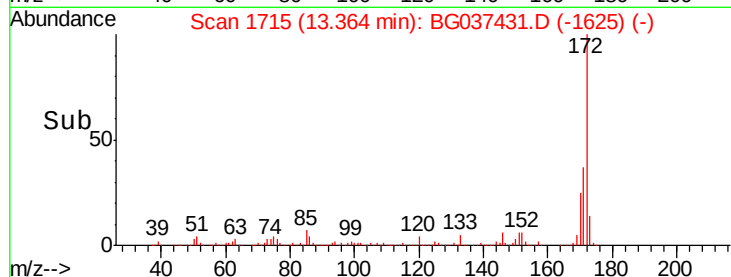
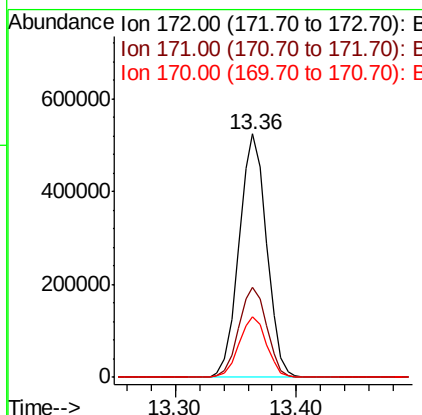
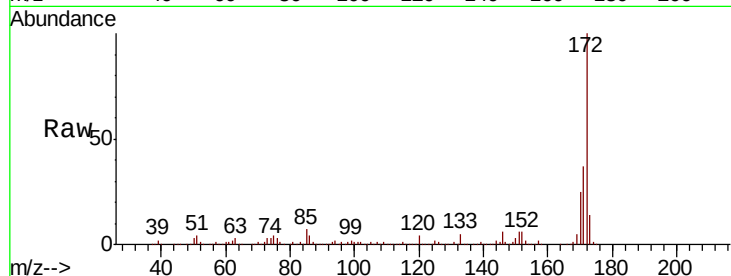




#45
2-Fluorobiphenyl
Concen: 82.086 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

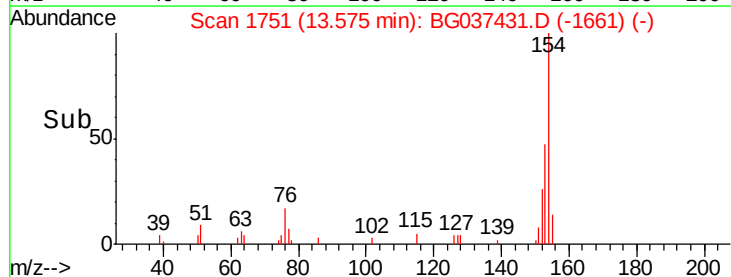
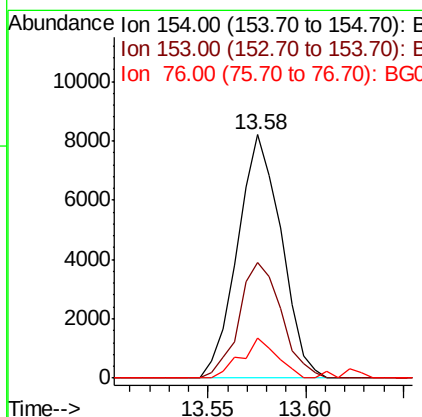
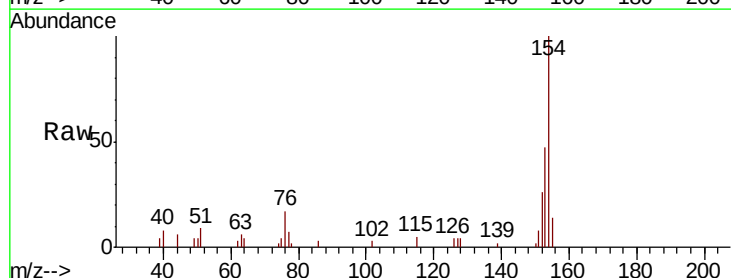
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

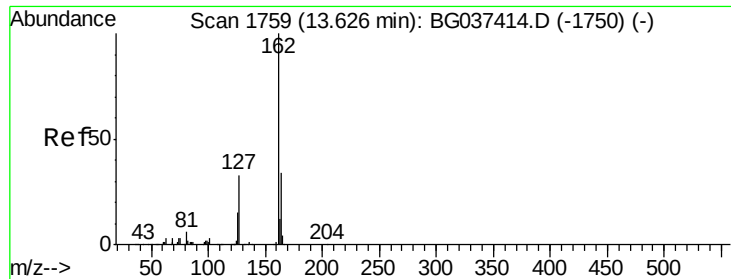
Tot Ion:172 Resp: 834105
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 25.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 1.004 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:154 Resp: 12737
Ion Ratio Lower Upper
154 100
153 47.3 22.1 62.1
76 16.7 0.0 33.2

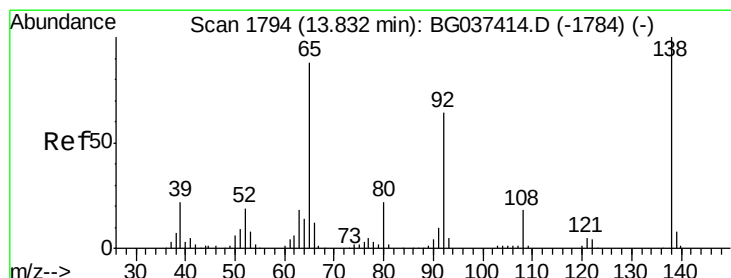
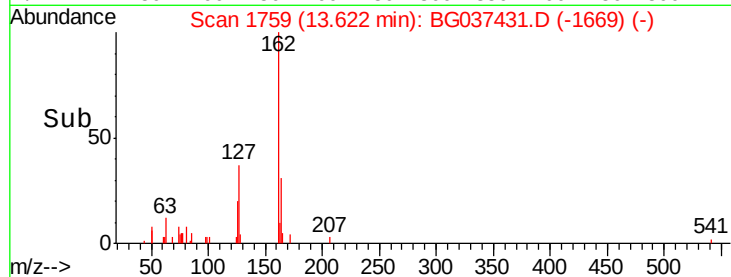
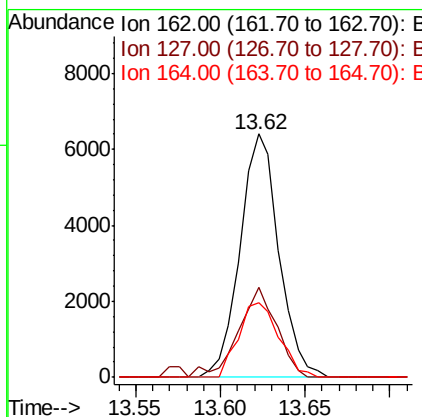
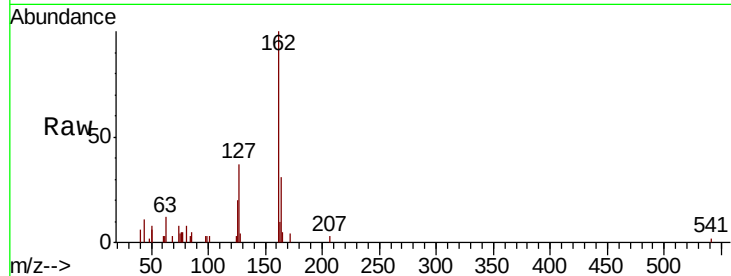




#47
2-Chloronaphthalene
Concen: 1.064 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

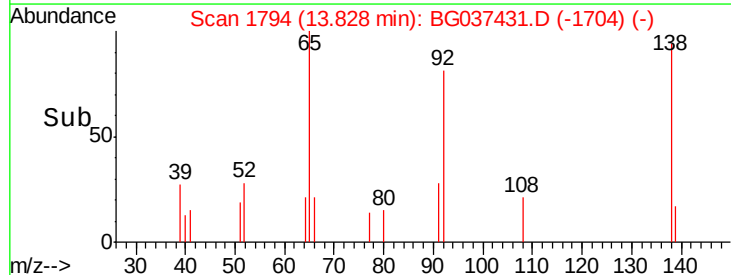
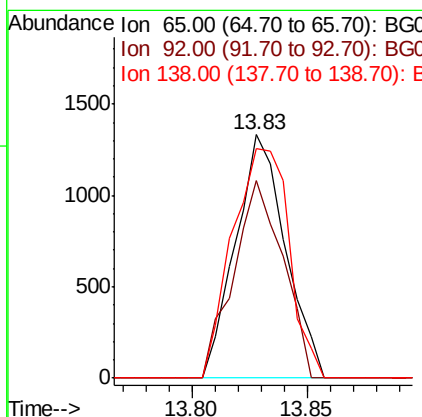
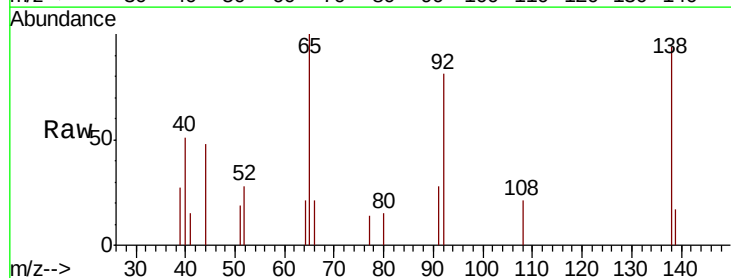
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

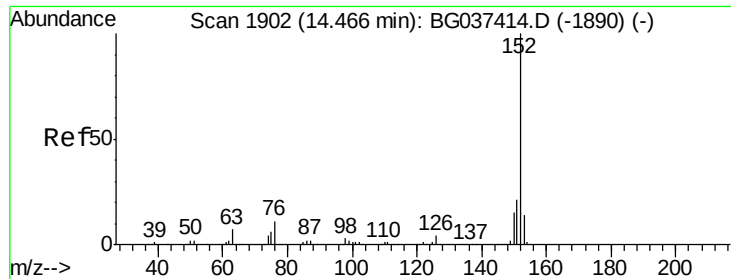
Tot Ion:162 Resp: 10215
Ion Ratio Lower Upper
162 100
127 36.9 30.5 45.7
164 30.5 26.4 39.6



#48
2-Nitroaniline
Concen: 0.688 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion: 65 Resp: 2002
Ion Ratio Lower Upper
65 100
92 81.0 53.2 79.8#
138 94.4 79.3 118.9





#49

Acenaphthylene

Concen: 1.088 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

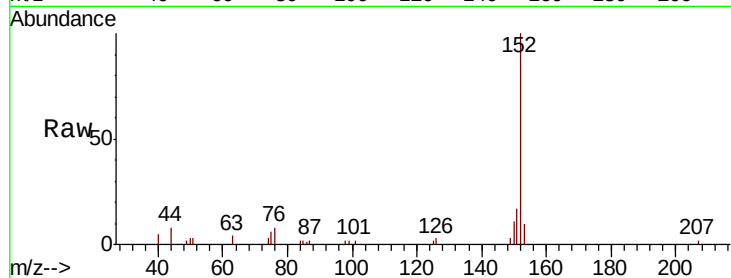
Tot Ion:152 Resp: 15708

Ion Ratio Lower Upper

152 100

151 16.7 17.1 25.7#

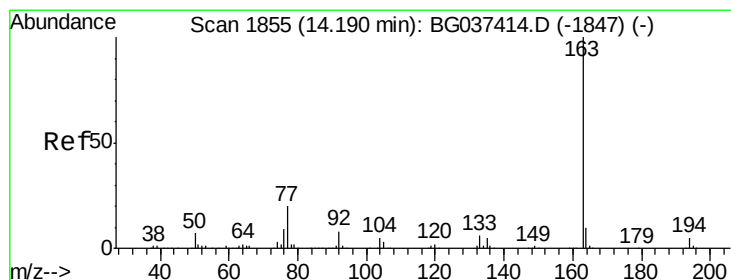
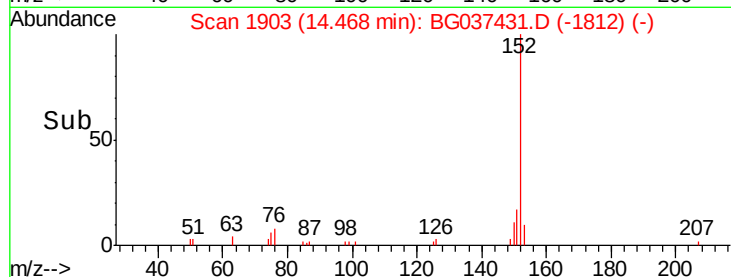
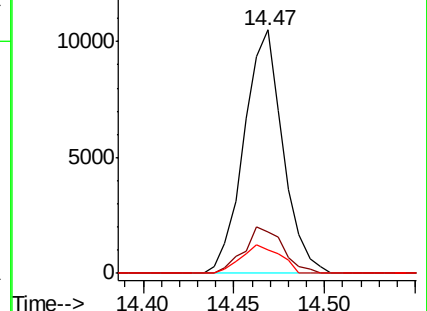
153 9.8 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 1.034 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

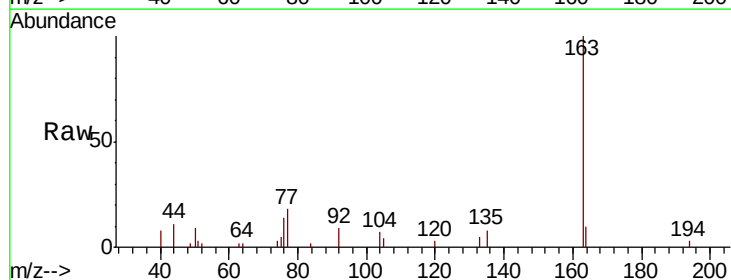
Tgt Ion:163 Resp: 12254

Ion Ratio Lower Upper

163 100

194 3.1 3.5 5.3#

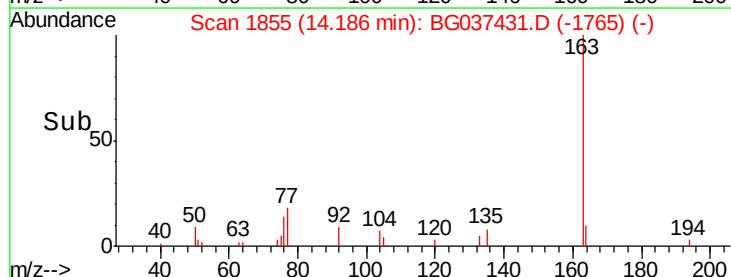
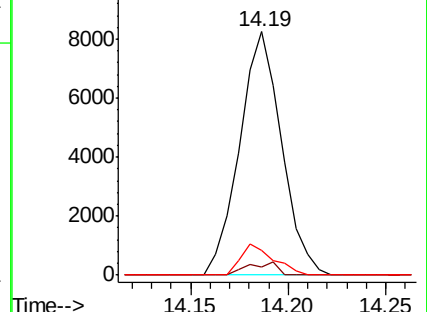
164 10.1 8.5 12.7

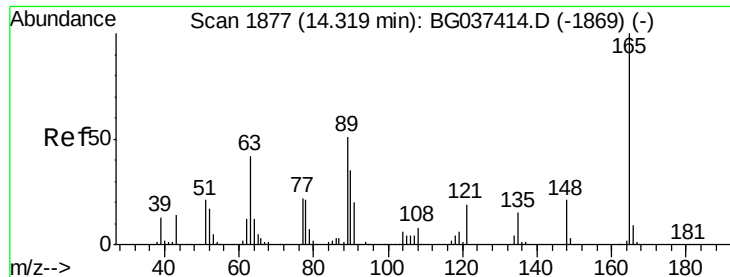


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.804 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

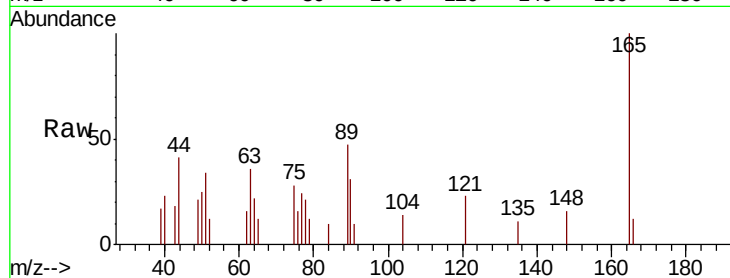
Tot Ion:165 Resp: 2108

Ion Ratio Lower Upper

165 100

63 35.9 43.4 65.2#

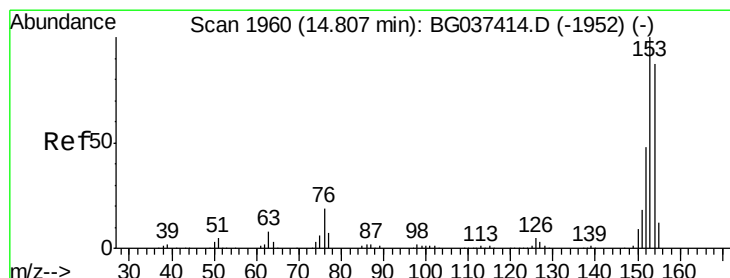
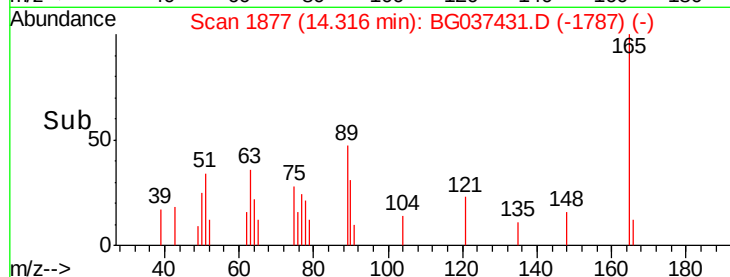
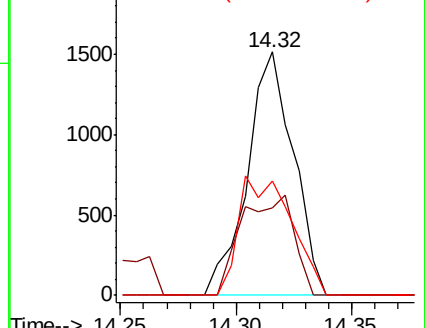
89 46.9 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 1.100 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

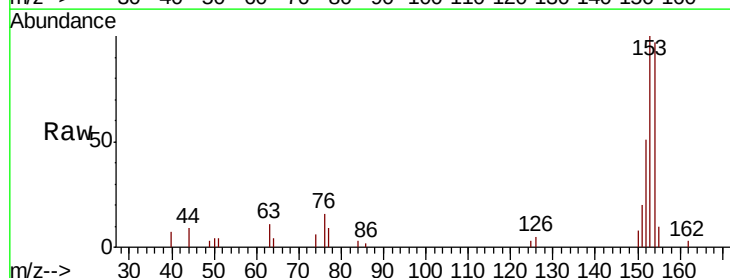
Tgt Ion:154 Resp: 9784

Ion Ratio Lower Upper

154 100

153 103.1 93.4 140.0

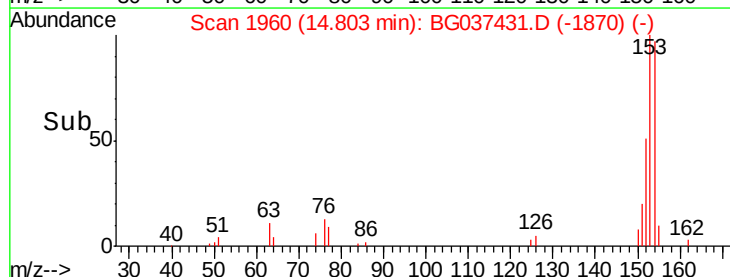
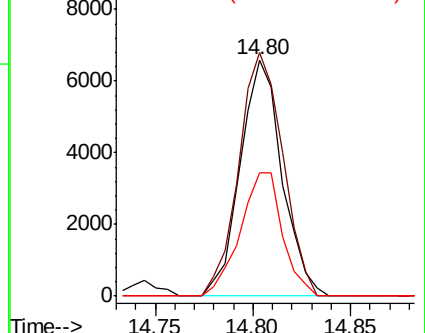
152 52.3 44.7 67.1

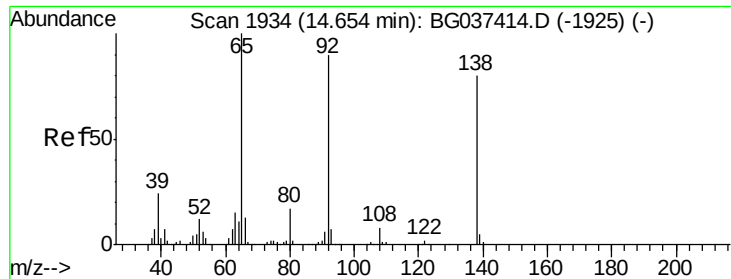


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

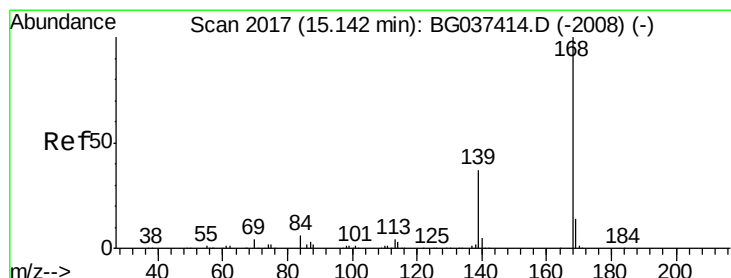
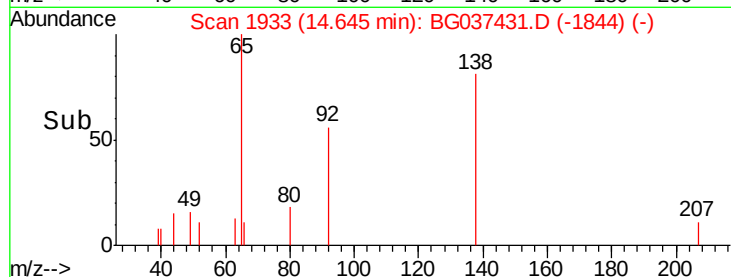
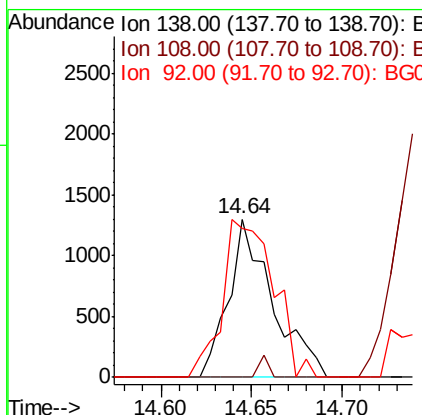
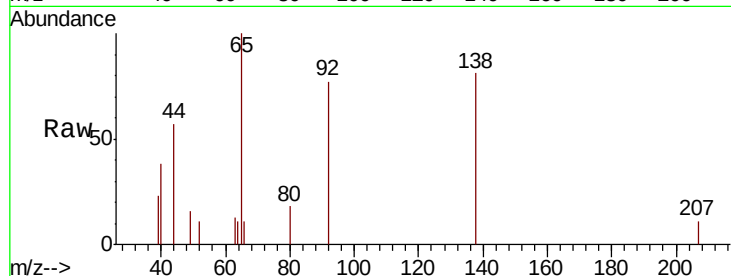




#53
3-Nitroaniline
Concen: 0.754 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

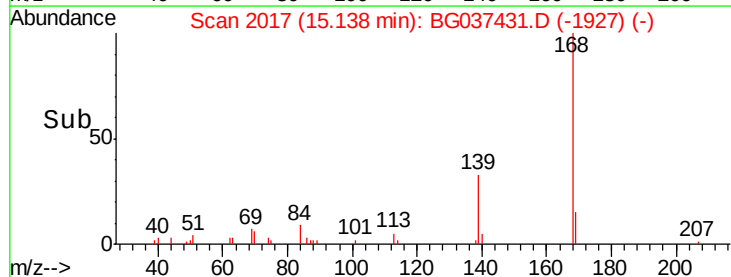
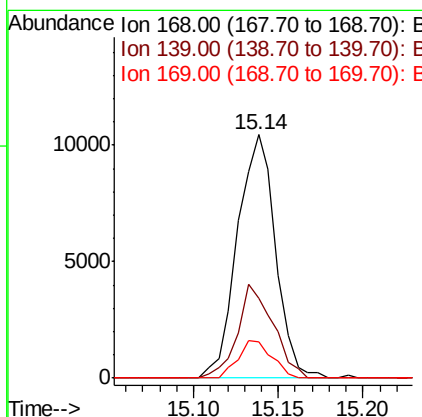
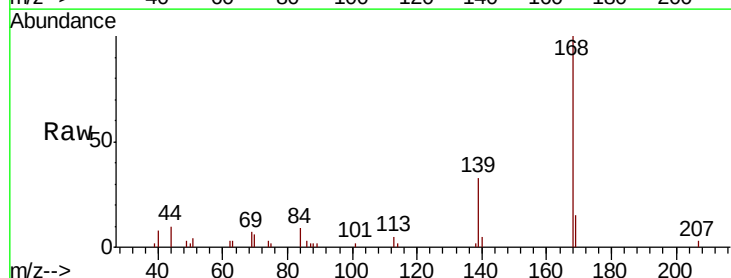
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

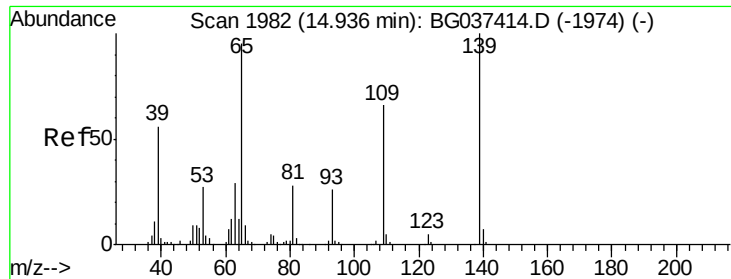
Tot Ion:138 Resp: 2196
Ion Ratio Lower Upper
138 100
108 0.0 11.0 16.6#
92 94.3 95.2 142.8#



#55
Dibenzofuran
Concen: 1.112 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:168 Resp: 16393
Ion Ratio Lower Upper
168 100
139 32.6 29.4 44.0
169 14.7 11.0 16.6





#56

4-Nitrophenol

Concen: 0.170 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

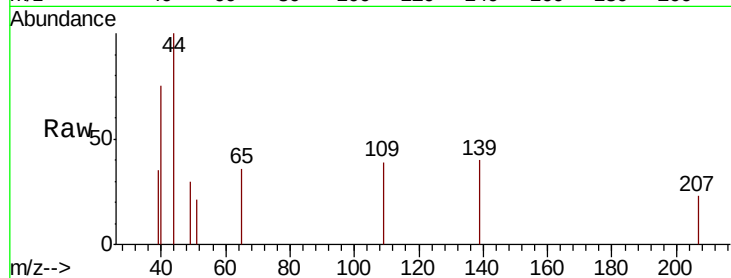
Tot Ion:139 Resp: 366

Ion Ratio Lower Upper

139 100

109 98.0 49.5 89.5#

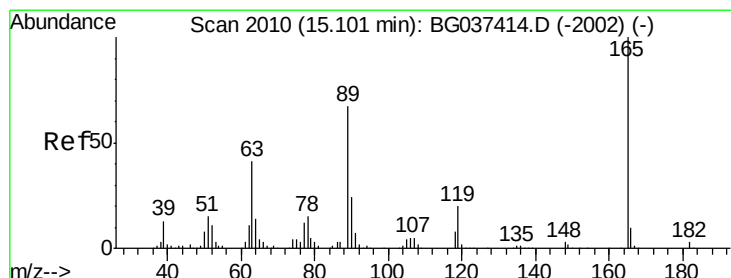
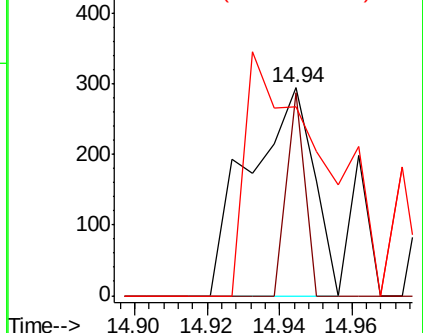
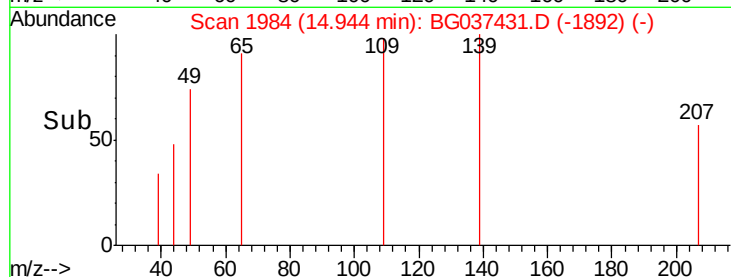
65 91.2 76.8 116.8



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



#57

2,4-Dinitrotoluene

Concen: 0.733 ng

RT: 15.10 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Tgt Ion:165 Resp: 2523

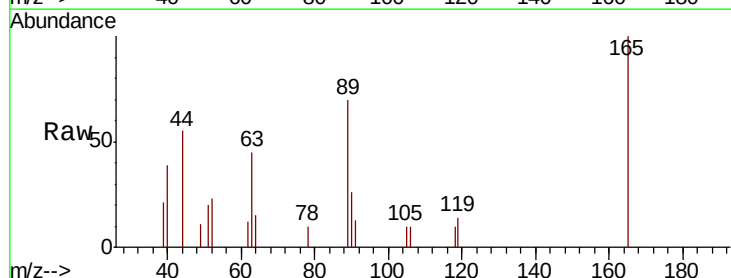
Ion Ratio Lower Upper

165 100

63 45.3 33.4 50.0

89 70.0 57.2 85.8

182 0.0 2.6 4.0#

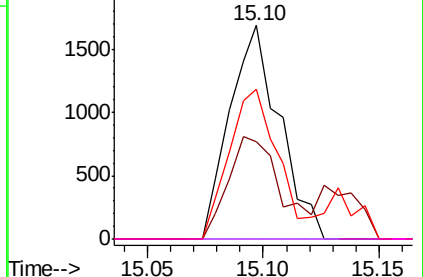
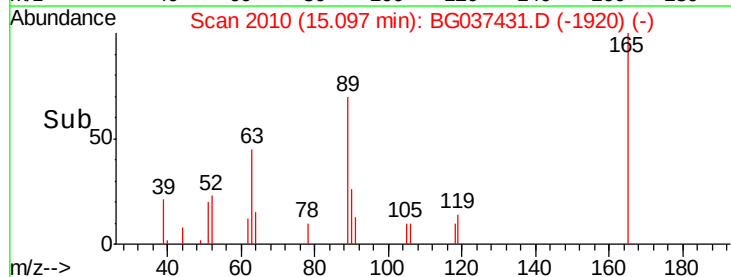


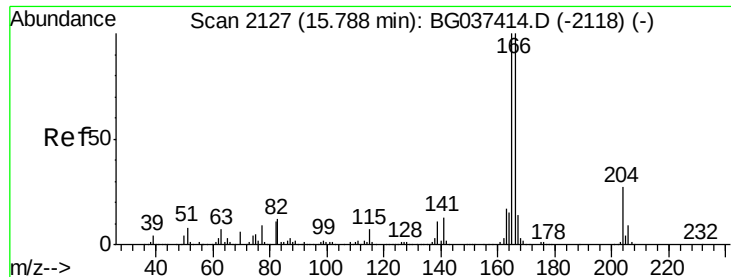
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.187 ng

RT: 15.78 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

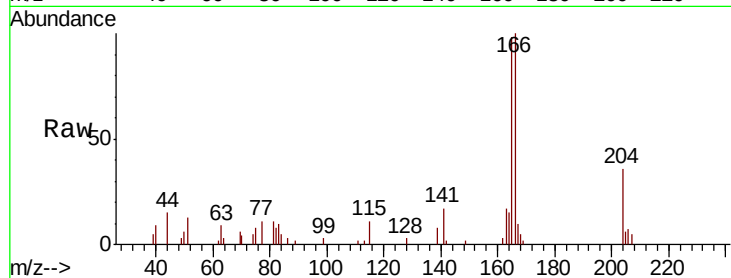
Tot Ion:166 Resp: 13097

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.6

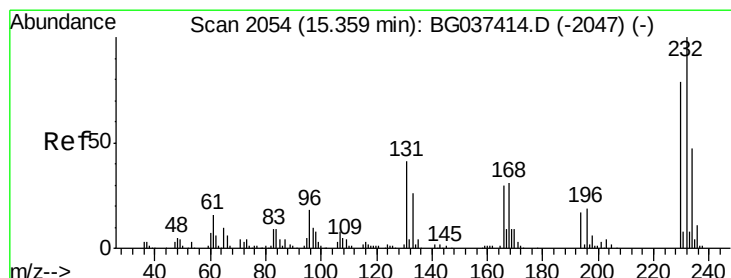
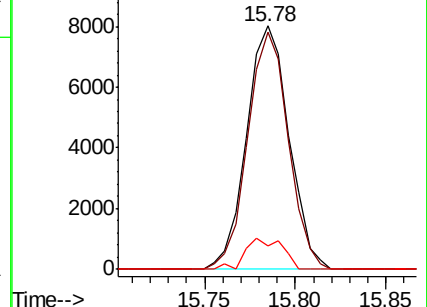
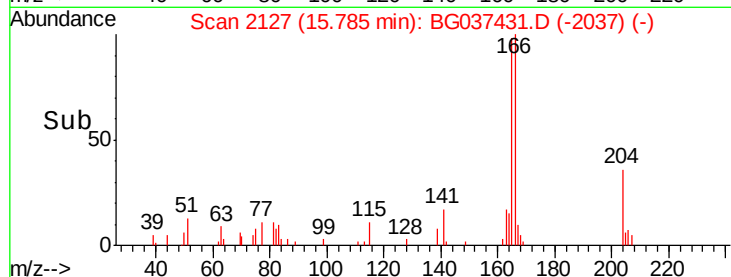
167 9.7 11.3 16.9#



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



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.693 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Tgt Ion:232 Resp: 2132

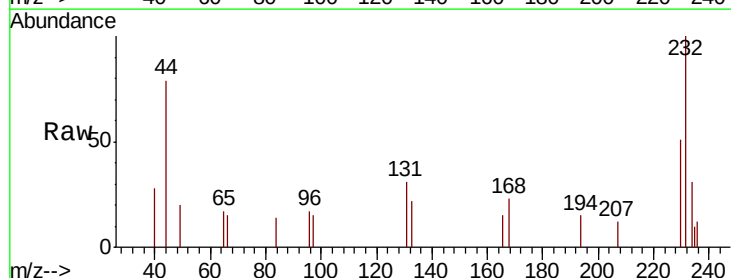
Ion Ratio Lower Upper

232 100

131 43.0 33.7 50.5

130 0.0 2.1 3.1#

166 0.0 24.6 36.8#

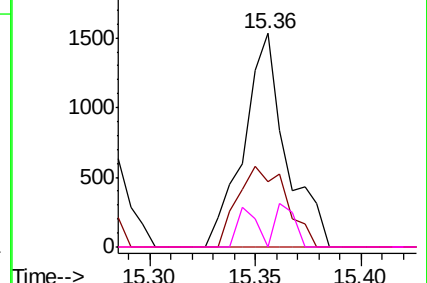
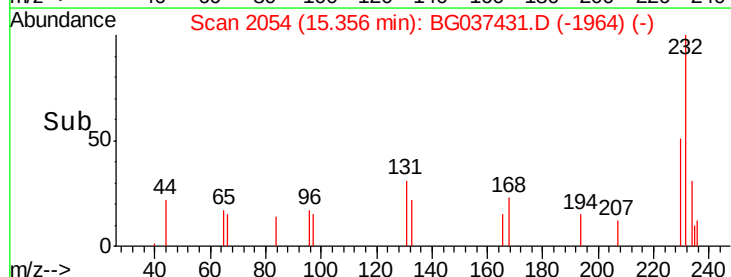


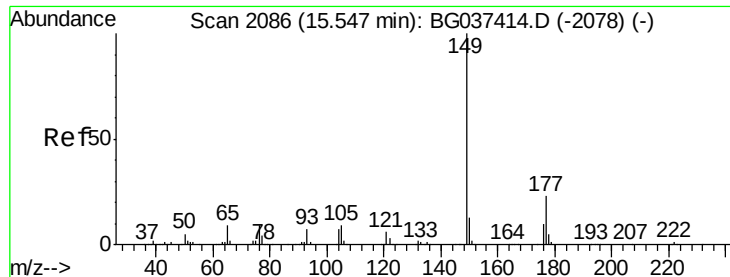
Abundance Ion 232.00 (231.70 to 232.70): E

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





#60

Diethylphthalate

Concen: 1.022 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

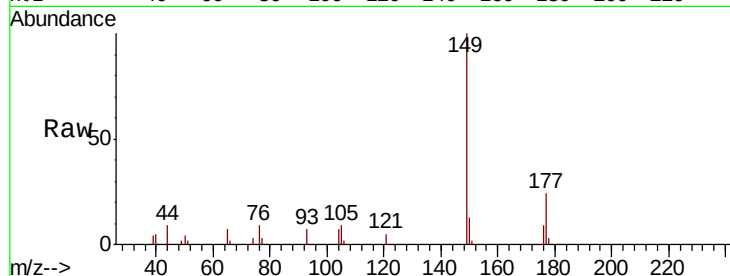
Tot Ion:149 Resp: 12432

Ion Ratio Lower Upper

149 100

177 24.1 18.3 27.5

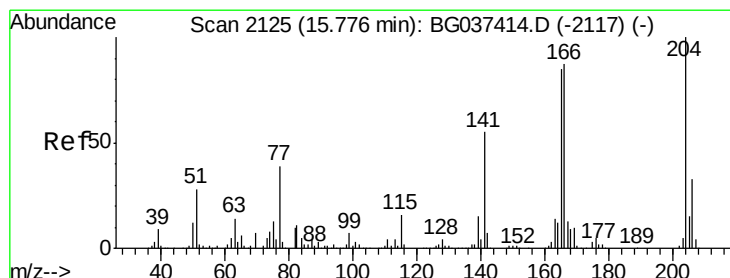
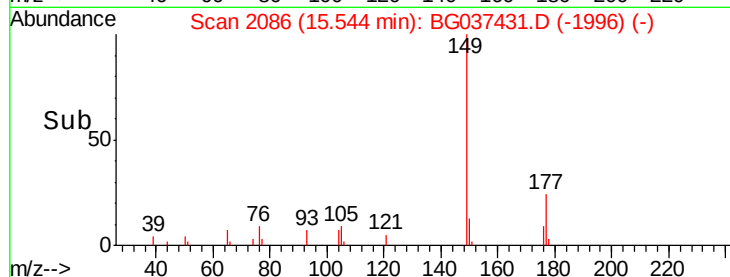
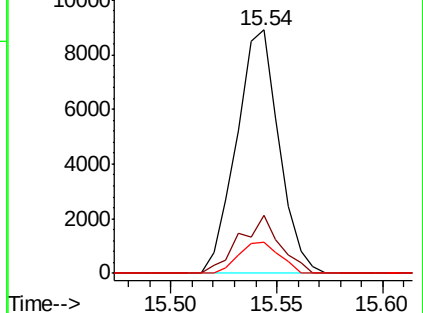
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 1.043 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

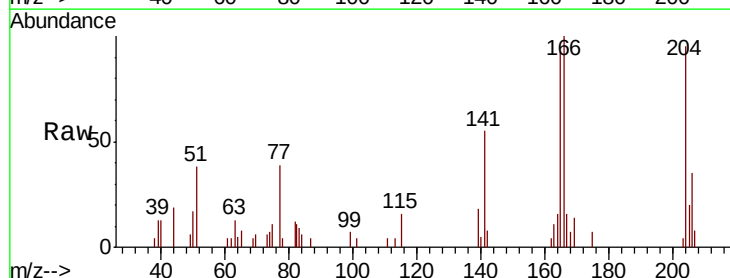
Tgt Ion:204 Resp: 6706

Ion Ratio Lower Upper

204 100

206 36.4 26.6 39.8

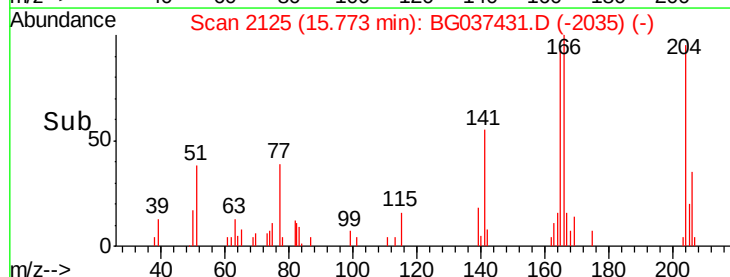
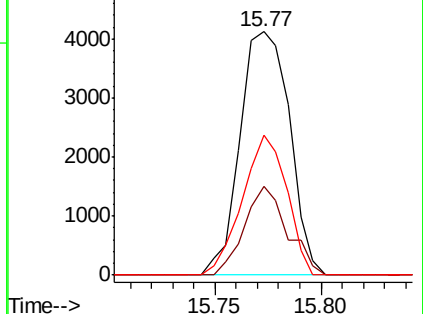
141 57.3 45.4 68.2

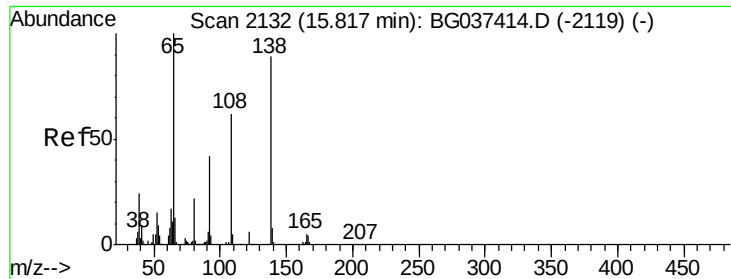


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 0.692 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

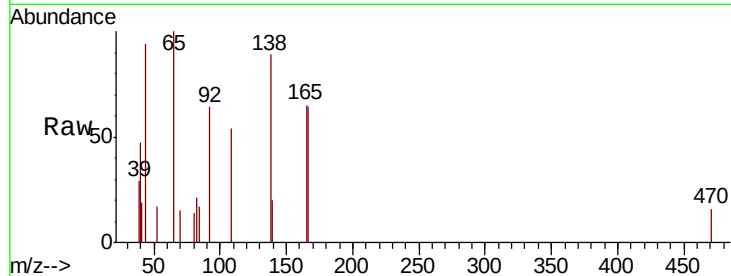
Tot Ion:138 Resp: 2003

Ion Ratio Lower Upper

138 100

92 72.4 36.4 76.4

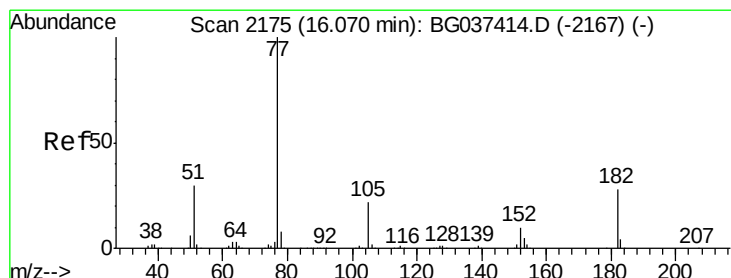
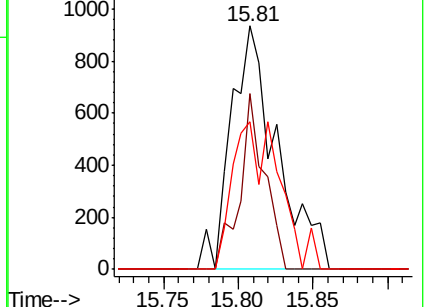
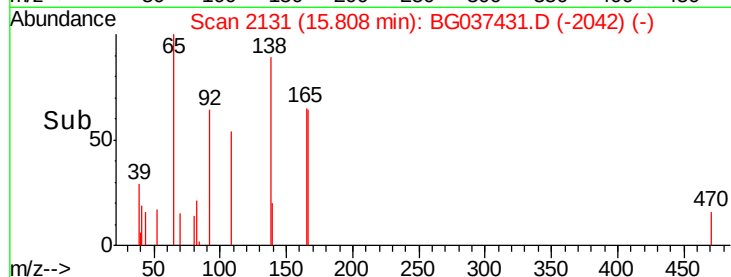
108 60.6 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 1.021 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Tgt Ion: 77 Resp: 11852

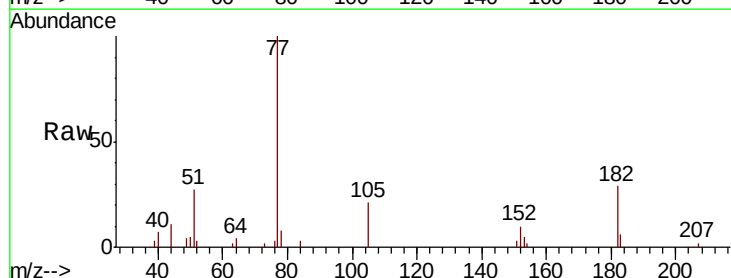
Ion Ratio Lower Upper

77 100

182 29.0 8.0 48.0

105 20.8 1.3 41.3

51 27.5 10.7 50.7

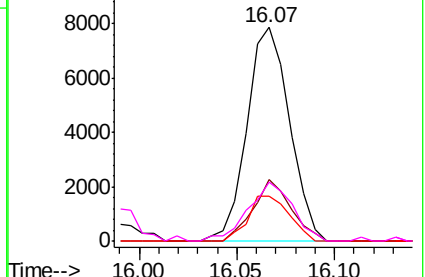
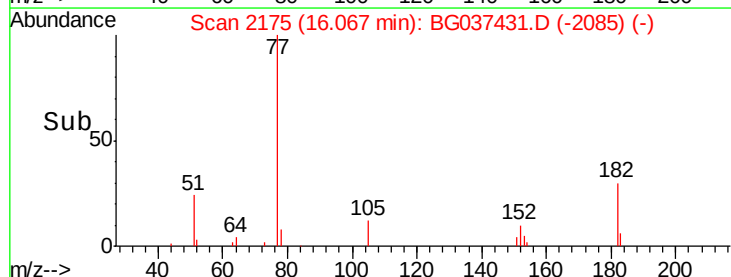


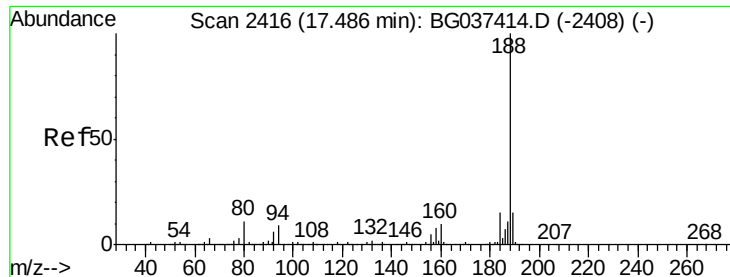
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

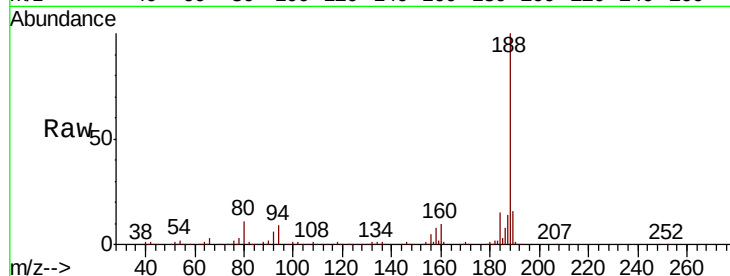
Tot Ion:188 Resp: 385252

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

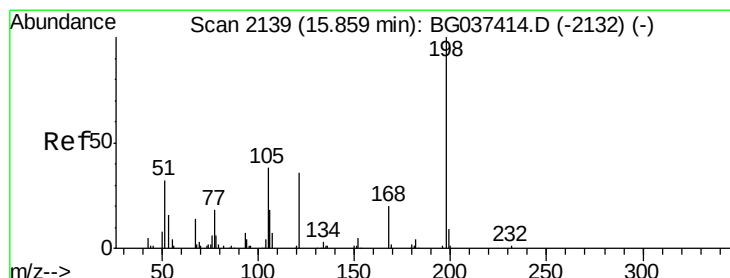
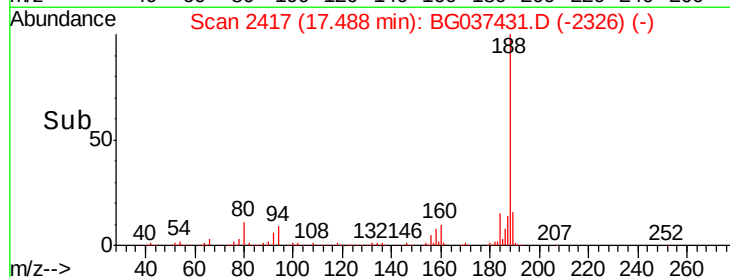
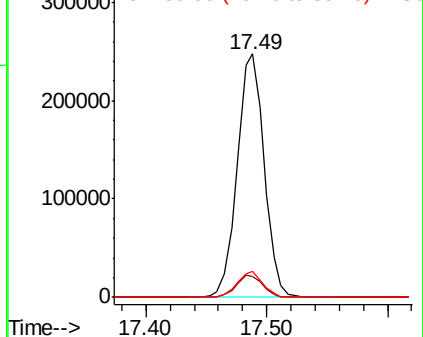
80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.760 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

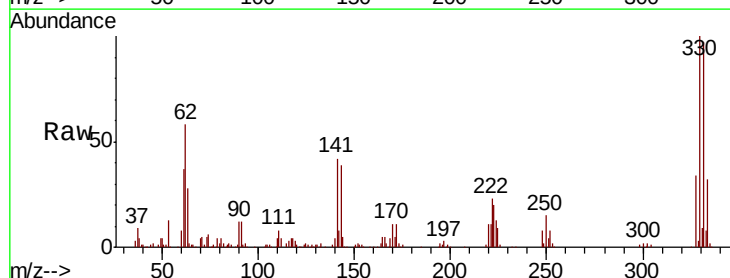
Tgt Ion:198 Resp: 620

Ion Ratio Lower Upper

198 100

51 33.6 22.7 62.7

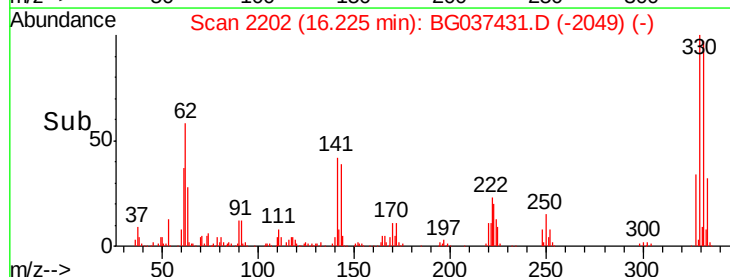
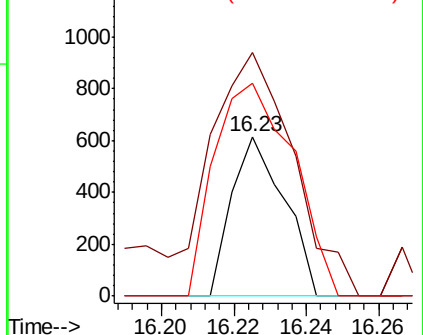
105 29.3 19.7 59.7

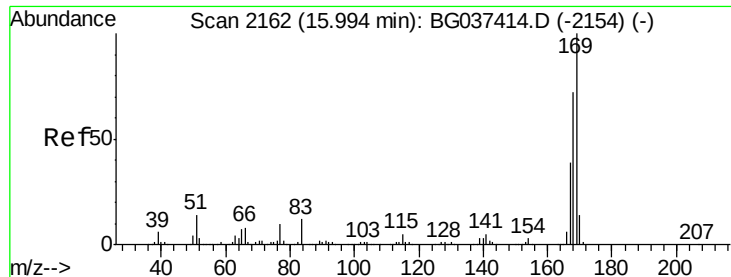


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

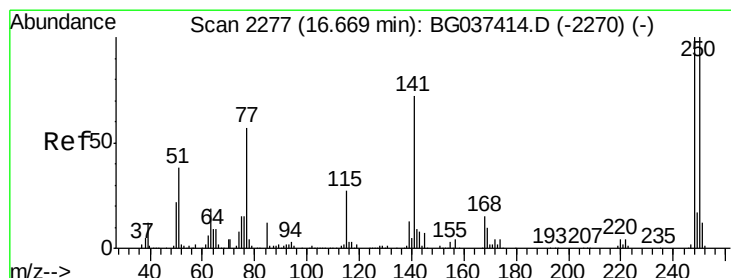
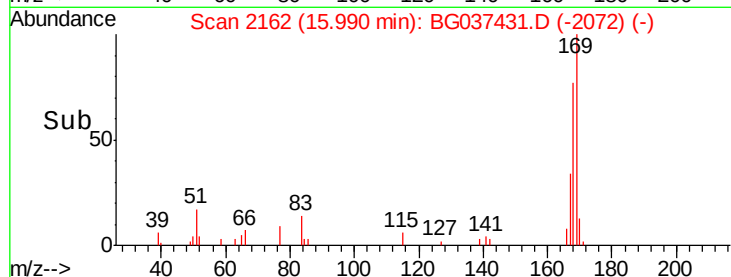
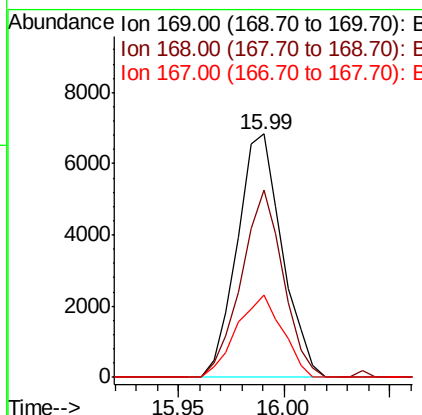
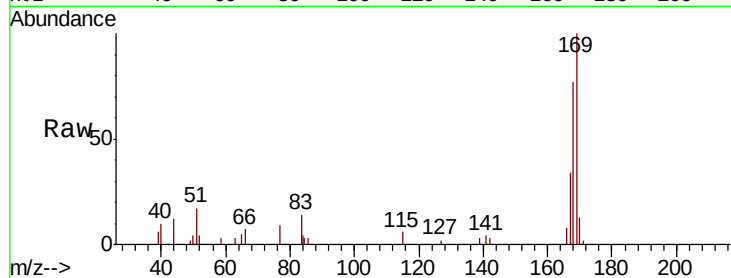




#66
 n-Nitrosodiphenylamine
 Concen: 0.868 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

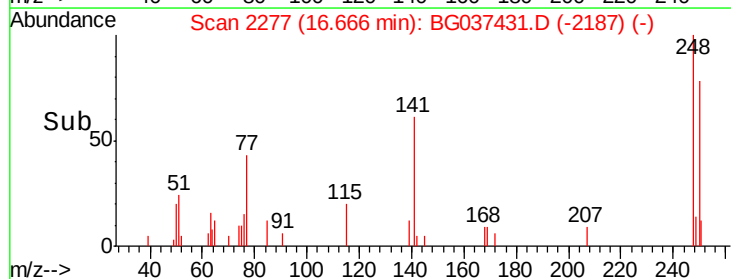
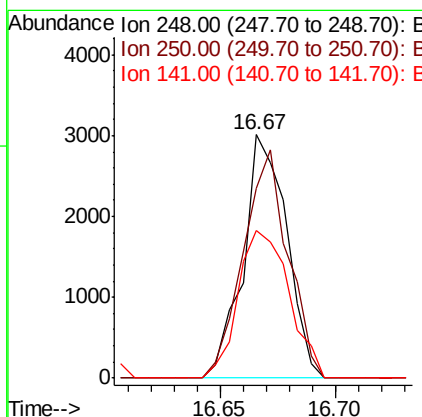
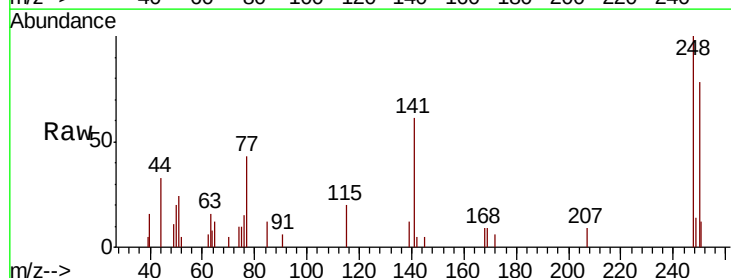
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

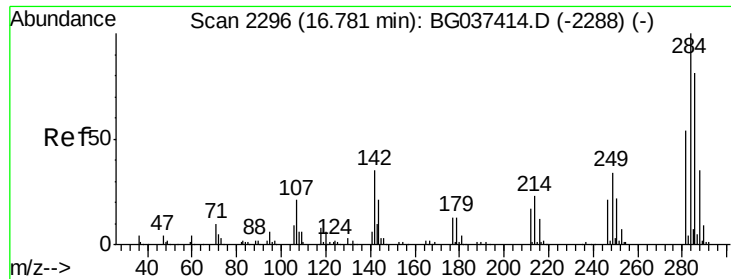
Tot Ion:169 Resp: 10053
 Ion Ratio Lower Upper
 169 100
 168 77.0 55.7 83.5
 167 34.1 31.3 46.9



#67
 4-Bromophenyl-phenylether
 Concen: 0.931 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:248 Resp: 3939
 Ion Ratio Lower Upper
 248 100
 250 77.9 77.0 115.6
 141 60.8 55.5 83.3





#68

Hexachlorobenzene

Concen: 1.033 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

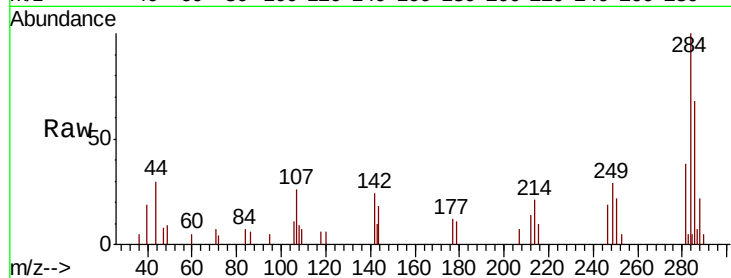
Tot Ion:284 Resp: 4528

Ion Ratio Lower Upper

284 100

142 24.3 28.1 42.1#

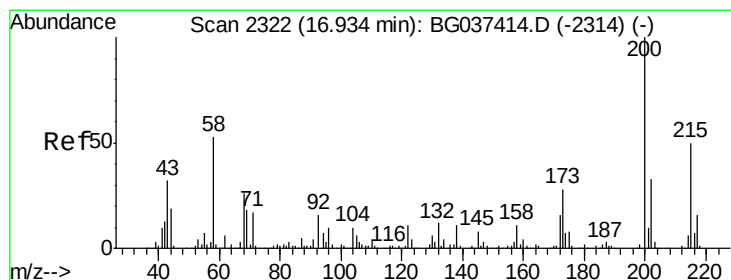
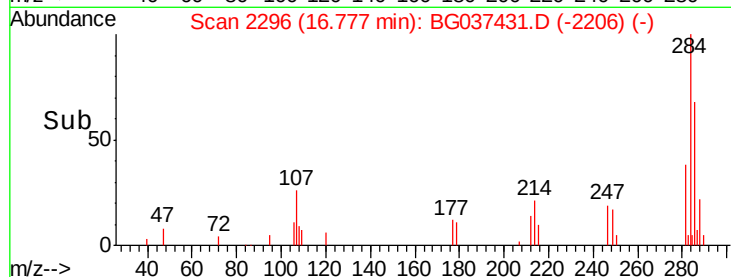
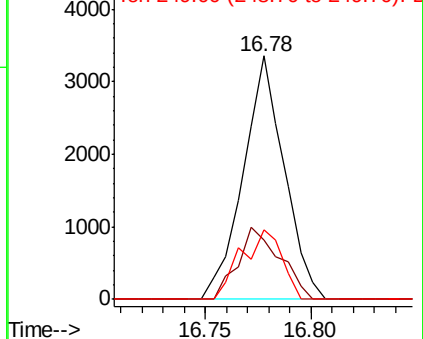
249 28.8 29.8 44.8#



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



#69

Atrazine

Concen: 0.944 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

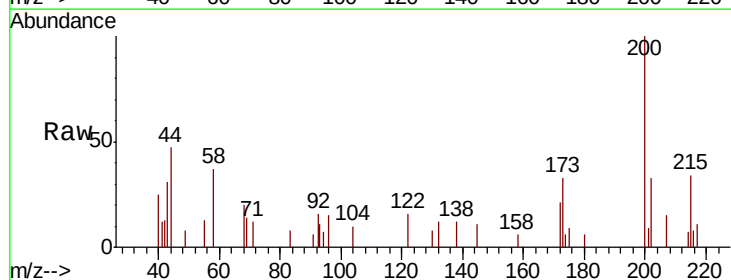
Tgt Ion:200 Resp: 3955

Ion Ratio Lower Upper

200 100

173 32.7 6.1 46.1

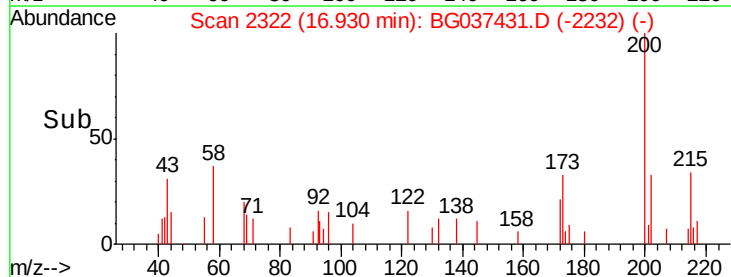
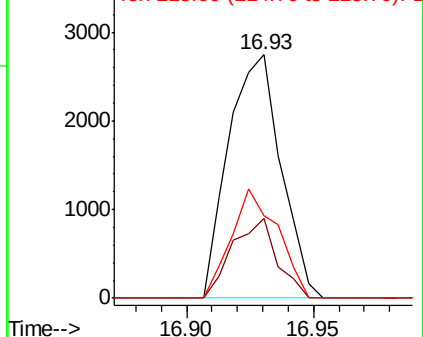
215 33.7 30.8 70.8

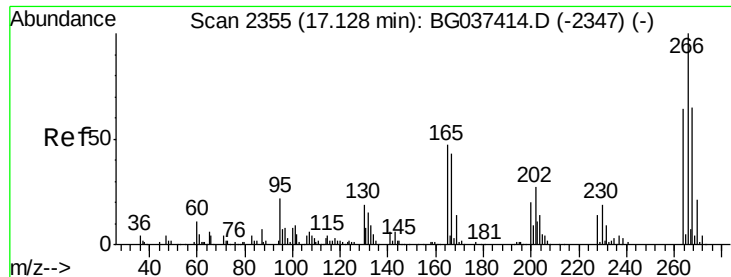


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 0.093 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

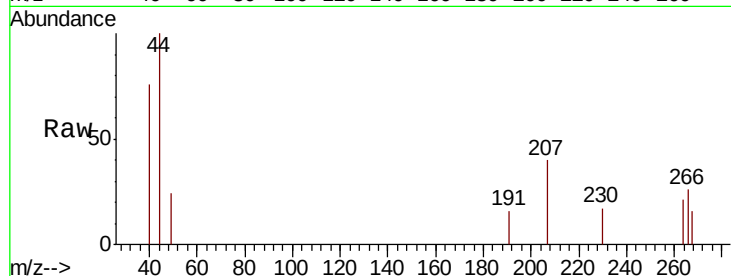
Tot Ion:266 Resp: 274

Ion Ratio Lower Upper

266 100

268 0.0 55.0 82.6#

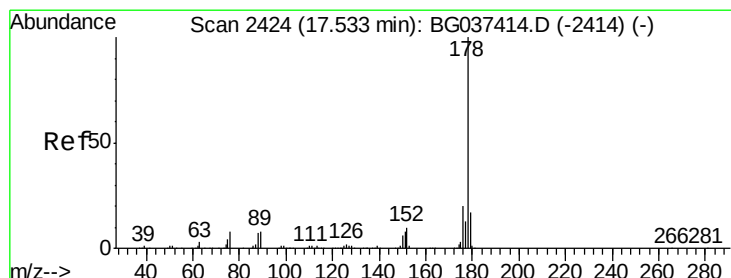
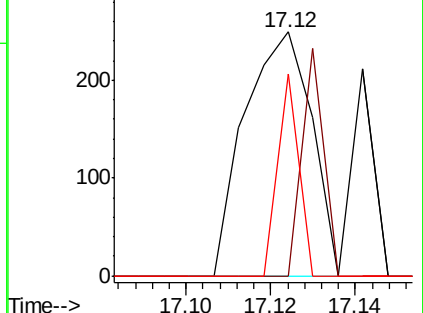
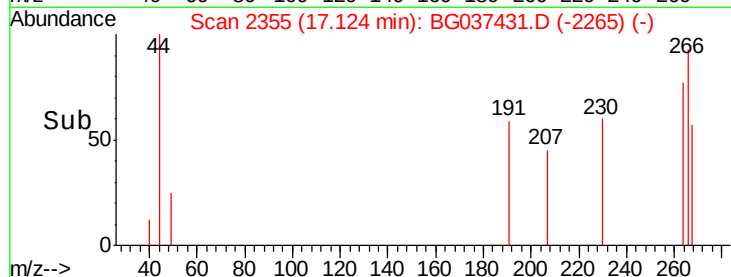
264 83.1 58.9 88.3



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



#71

Phenanthrene

Concen: 1.163 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

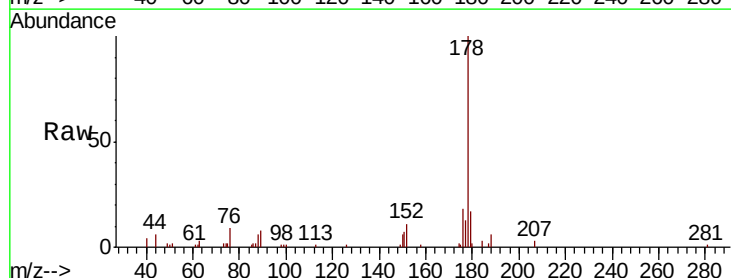
Tgt Ion:178 Resp: 22772

Ion Ratio Lower Upper

178 100

176 18.1 16.1 24.1

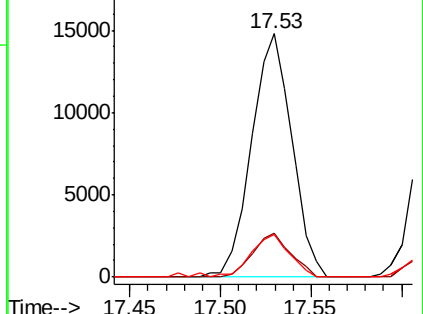
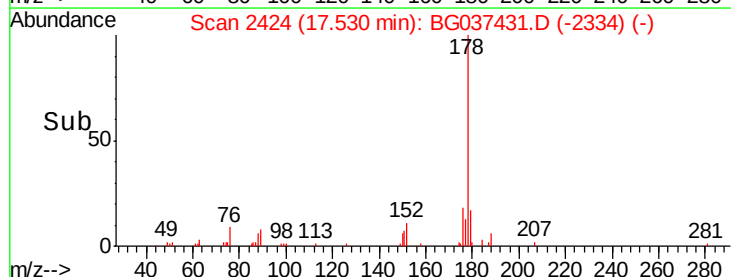
179 17.4 13.0 19.4

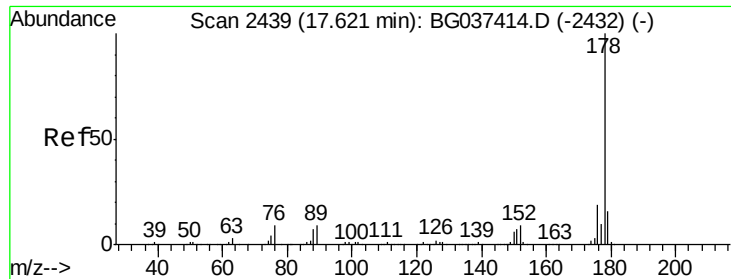


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

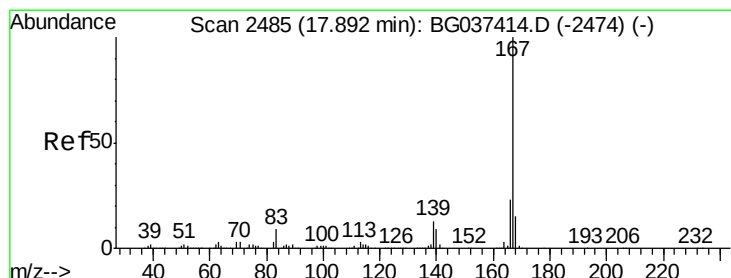
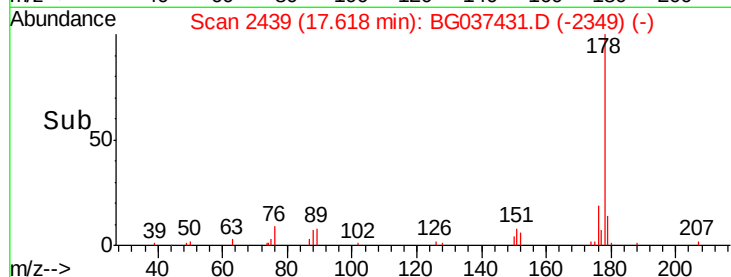
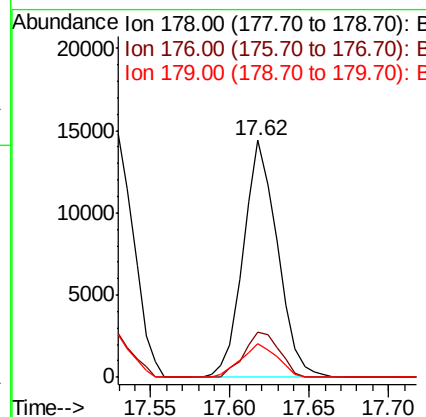
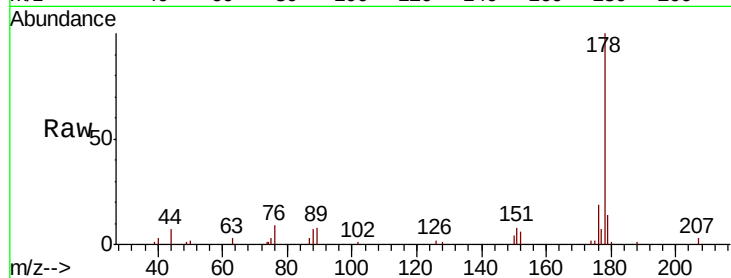




#72
 Anthracene
 Concen: 1.124 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

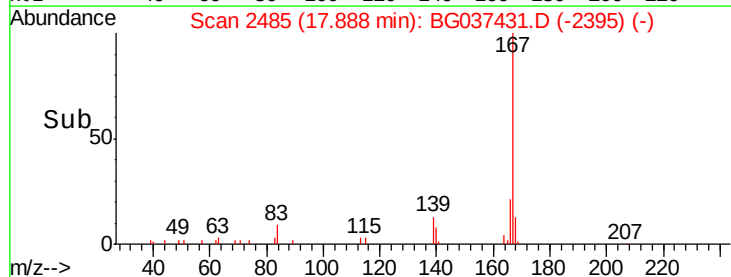
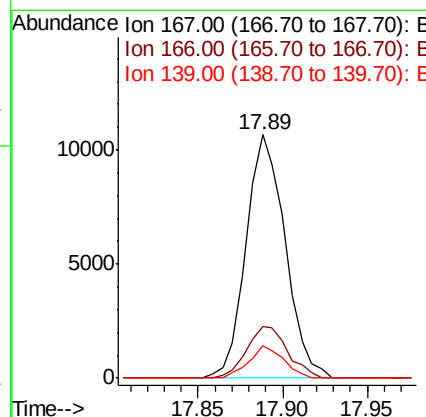
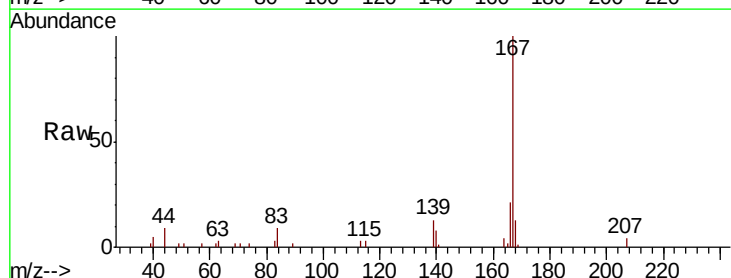
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

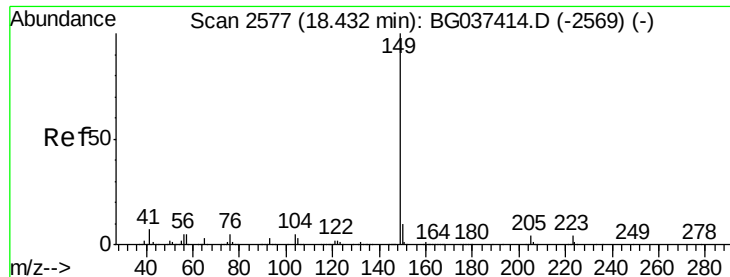
Tot Ion:178 Resp: 21590
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.4
 179 14.1 12.8 19.2



#73
 Carbazole
 Concen: 0.893 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:167 Resp: 17172
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.3 27.5
 139 13.2 10.5 15.7





#74

Di-n-butylphthalate

Concen: 0.876 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

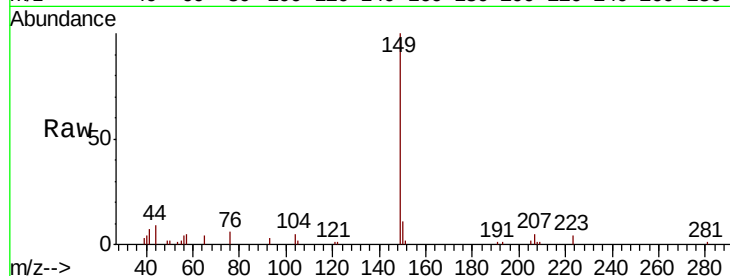
Tot Ion:149 Resp: 18721

Ion Ratio Lower Upper

149 100

150 10.9 8.2 12.2

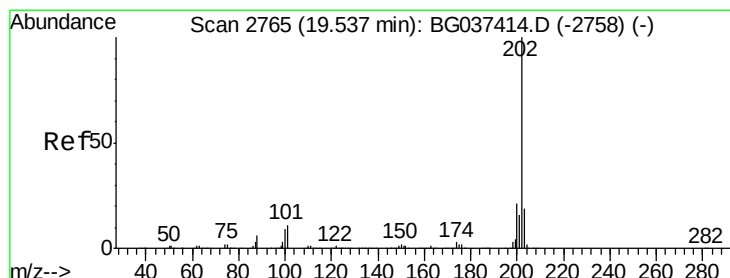
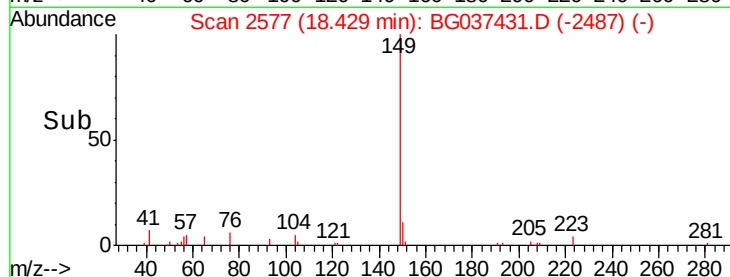
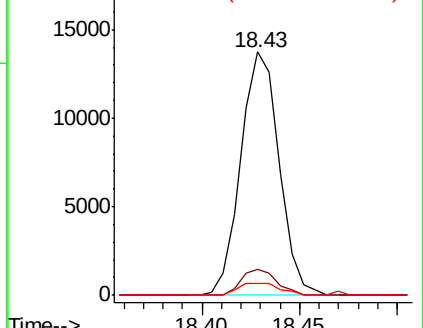
104 4.9 4.0 6.0



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



#75

Fluoranthene

Concen: 1.062 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

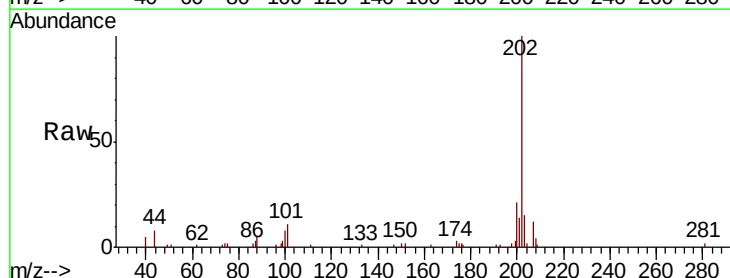
Tgt Ion:202 Resp: 23593

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.7

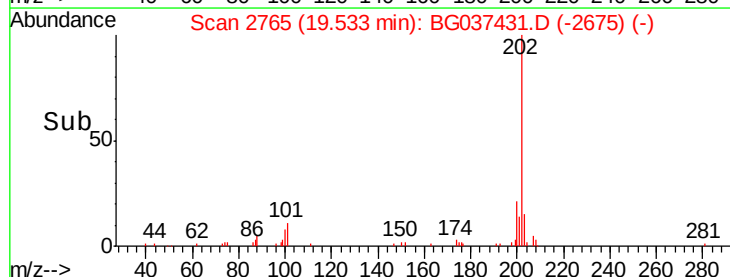
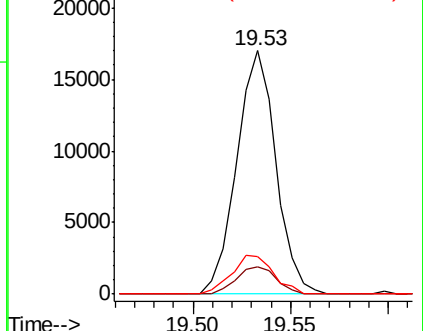
203 15.2 0.0 38.5

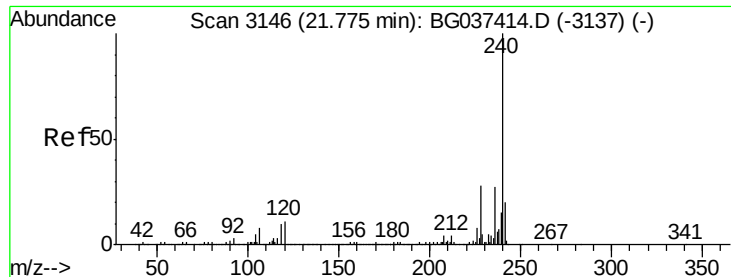


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

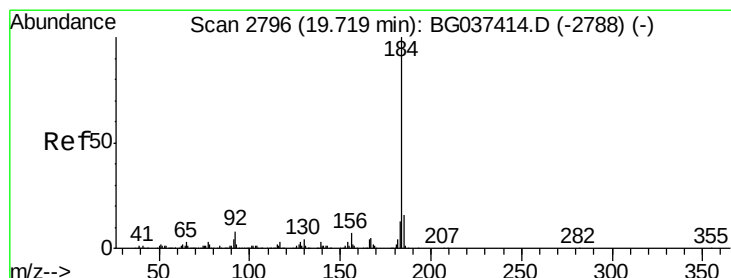
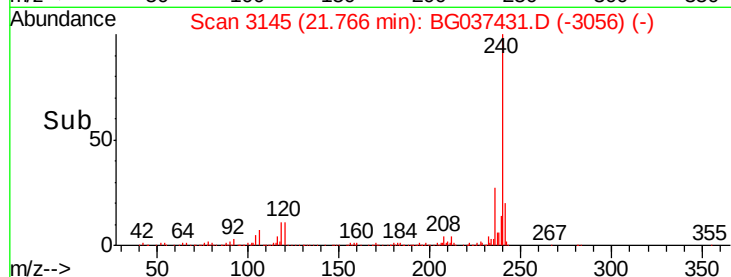
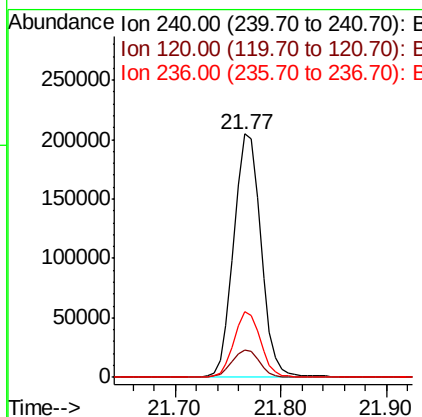
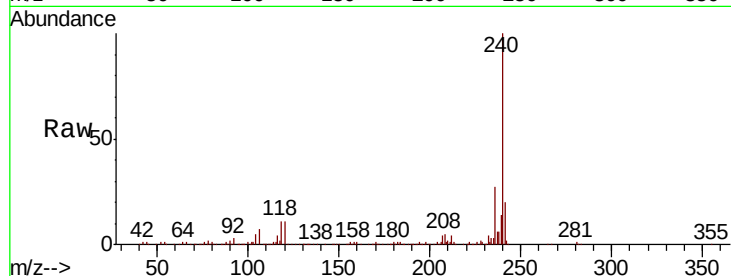




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

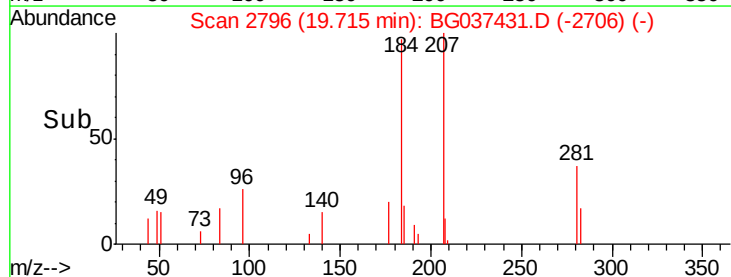
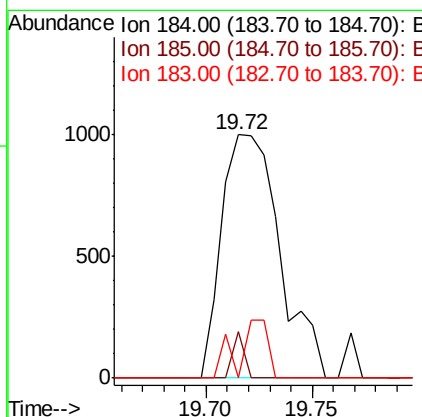
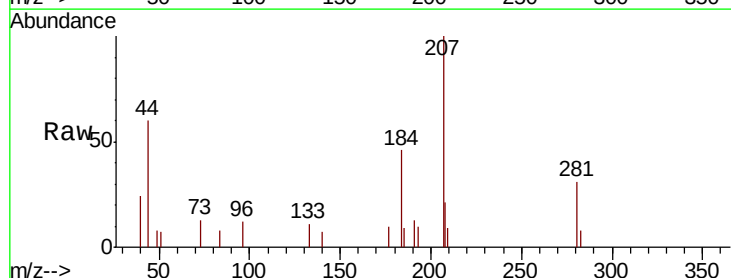
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

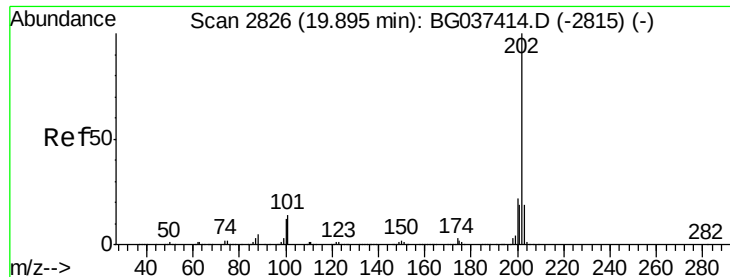
Tot Ion:240 Resp: 366301
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 27.1 21.4 32.0



#77
Benzidine
Concen: 0.154 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:184 Resp: 1913
Ion Ratio Lower Upper
184 100
185 18.9 12.6 18.8#
183 0.0 10.2 15.2#

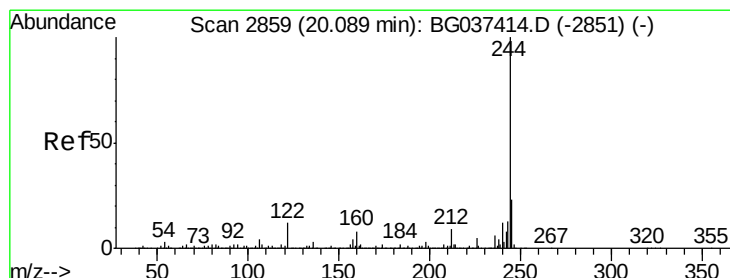
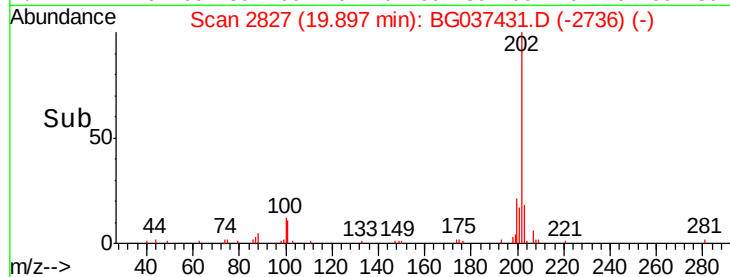
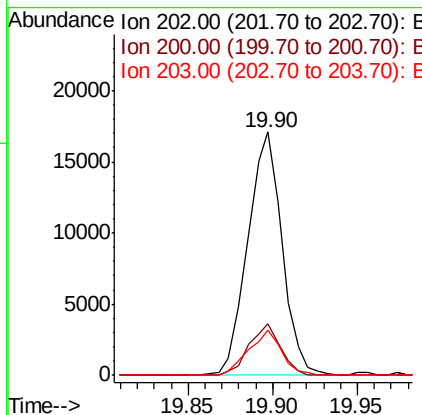
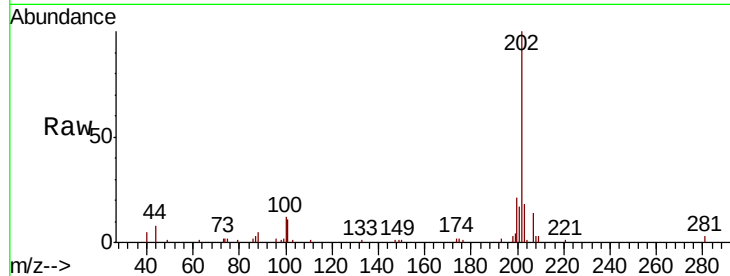




#78
Pvrene
Concen: 1.013 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

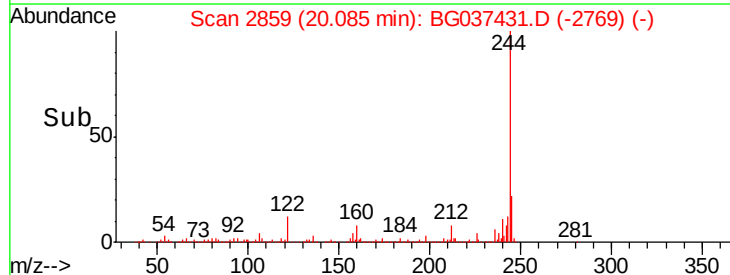
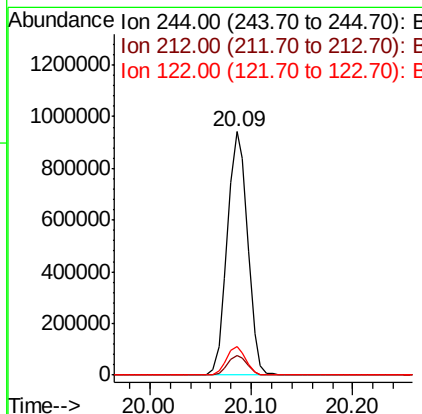
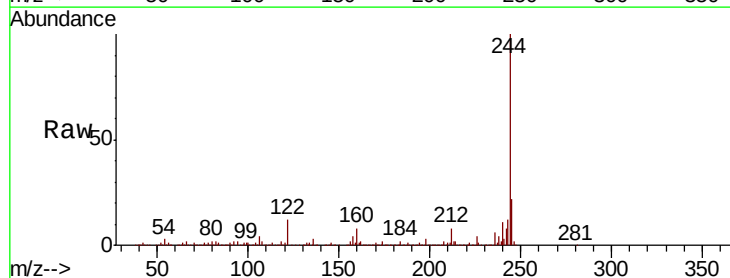
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

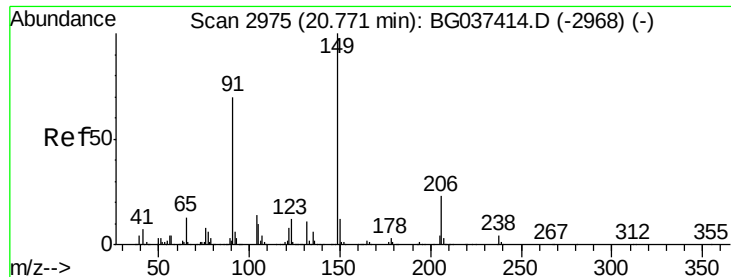
Tot Ion:202 Resp: 24254
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 18.4 15.2 22.8



#79
Terphenyl-d14
Concen: 76.901 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:244 Resp: 1318300
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.8 9.0 13.4

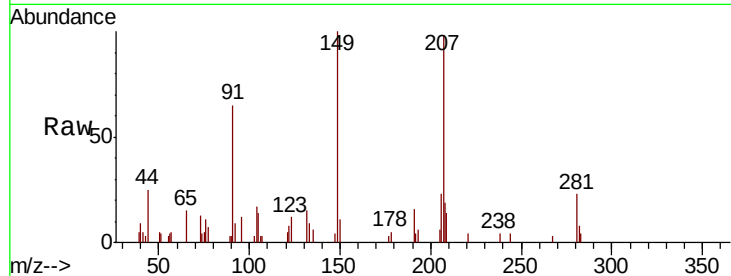




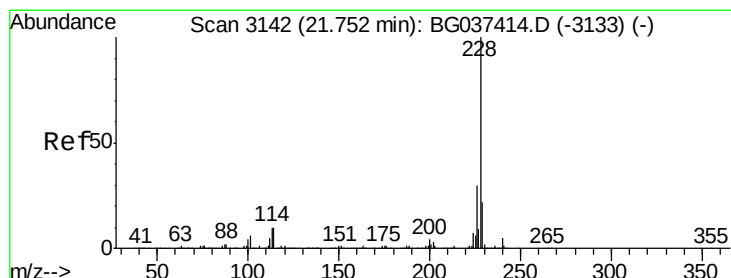
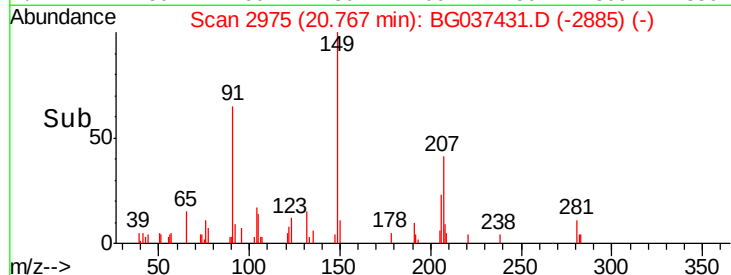
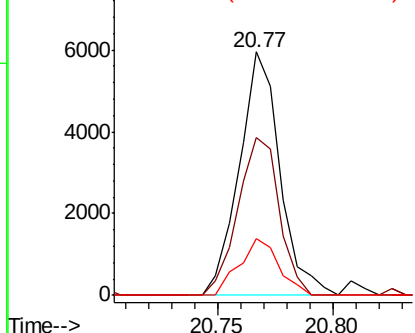
#80
Butylbenzylphthalate
Concen: 0.747 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:149 Resp: 7316
Ion Ratio Lower Upper
149 100
91 64.6 57.0 85.4
206 23.4 17.8 26.6

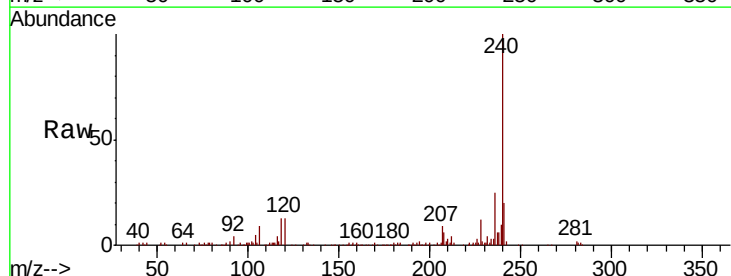


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

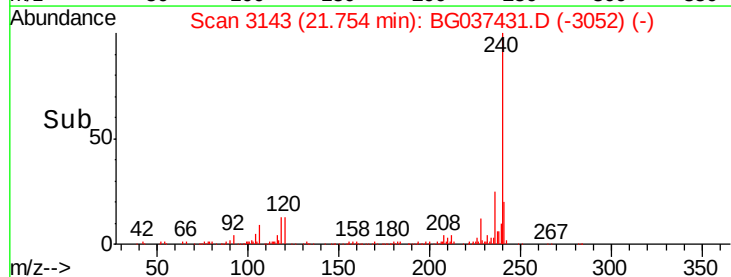
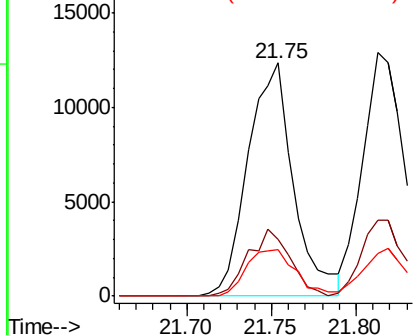


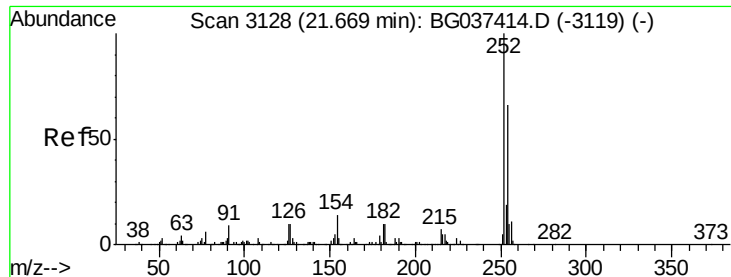
#81
Benzo(a)anthracene
Concen: 1.069 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:228 Resp: 23152
Ion Ratio Lower Upper
228 100
226 24.1 22.6 33.8
229 19.9 16.3 24.5



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

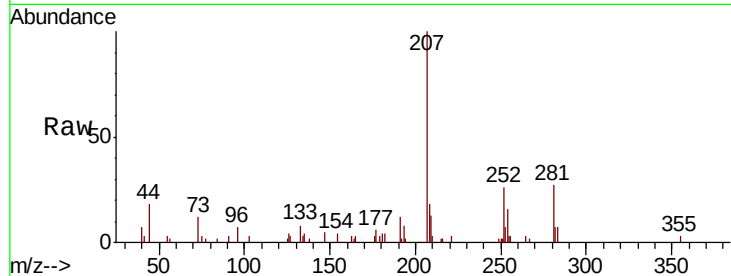




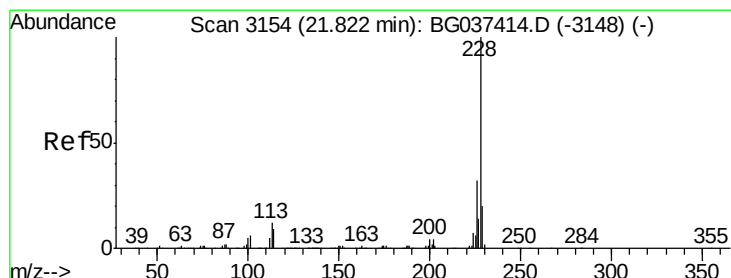
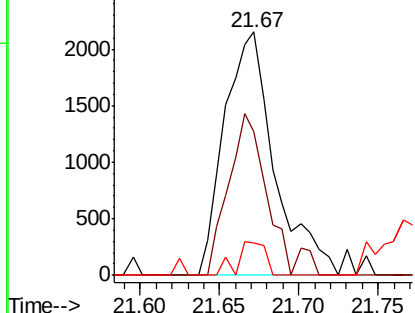
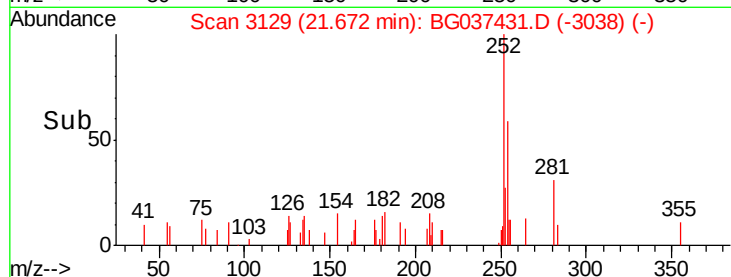
#82
 3,3'-Dichlorobenzidine
 Concen: 0.562 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion:252 Resp: 4720
 Ion Ratio Lower Upper
 252 100
 254 59.1 52.0 78.0
 126 13.5 8.2 12.4#

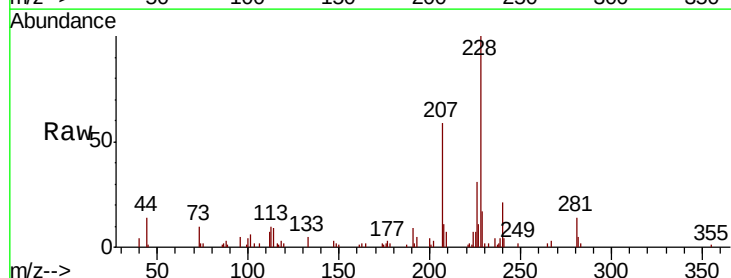


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

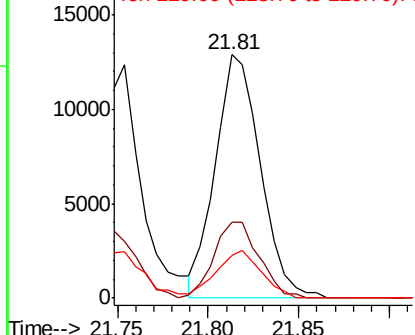
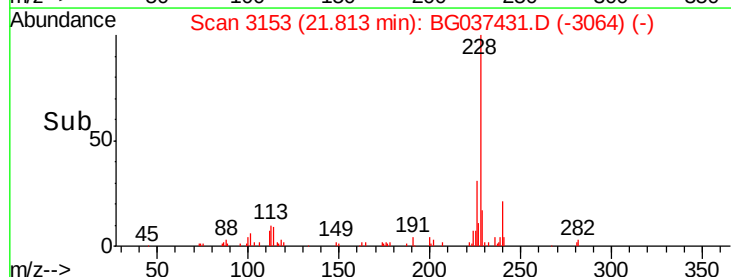


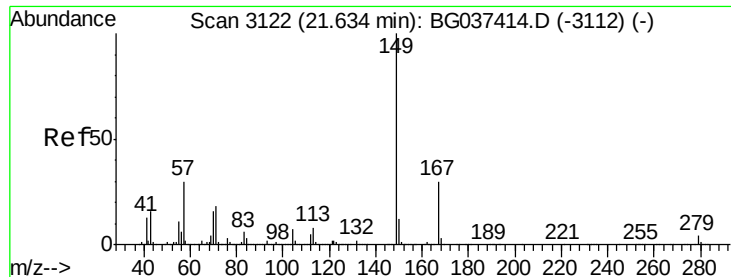
#83
 Chrysene
 Concen: 1.071 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:228 Resp: 22308
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.7 38.5
 229 17.4 16.5 24.7



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

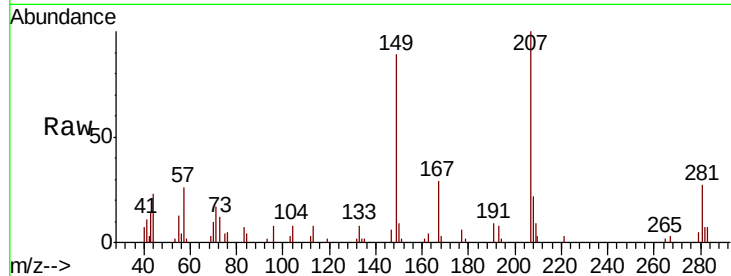




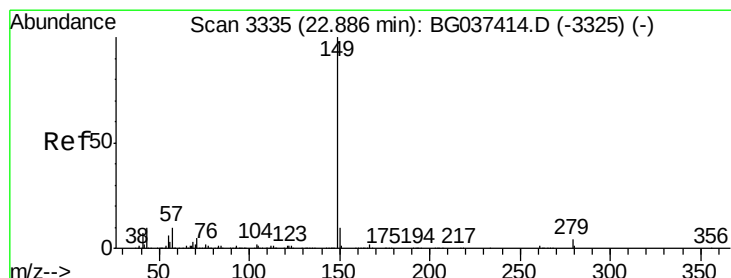
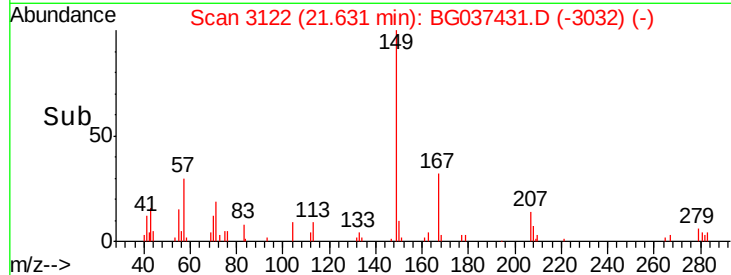
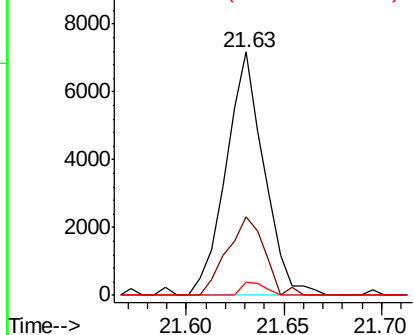
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.705 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion:149 Resp: 9684
 Ion Ratio Lower Upper
 149 100
 167 32.2 23.0 34.4
 279 5.6 3.6 5.4#

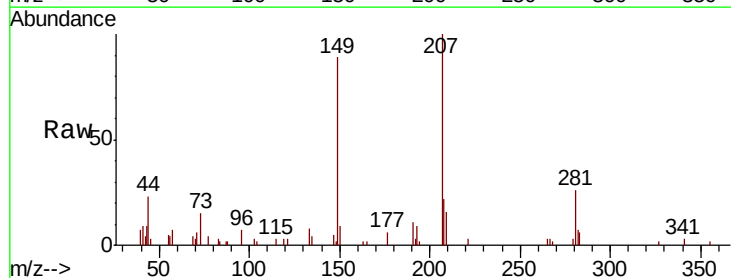


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

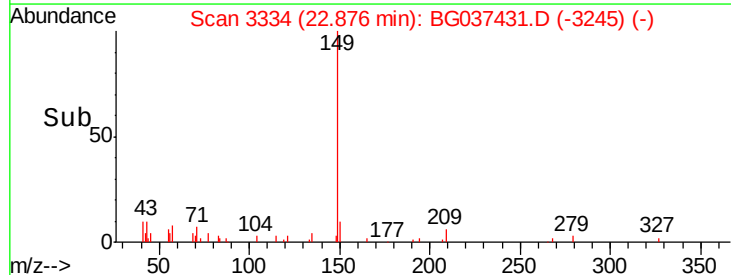
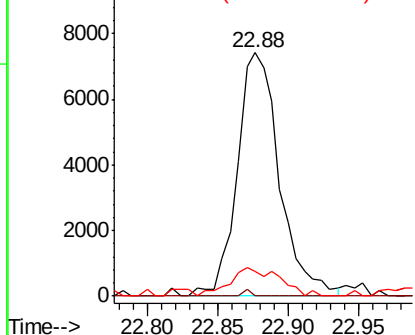


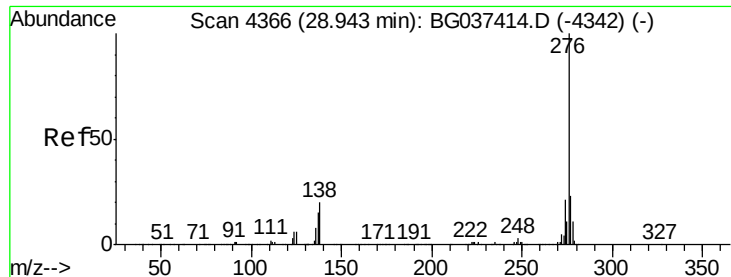
#85
 Di-n-octyl phthalate
 Concen: 0.693 ng
 RT: 22.88 min Scan# 3334
 Delta R.T. -0.01 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion:149 Resp: 15522
 Ion Ratio Lower Upper
 149 100
 167 0.4 1.3 1.9#
 43 13.8 8.7 13.1#



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): BGC

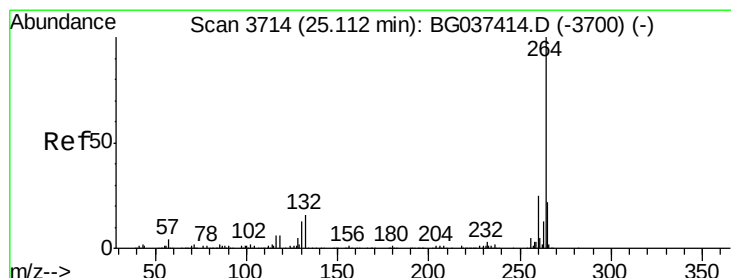
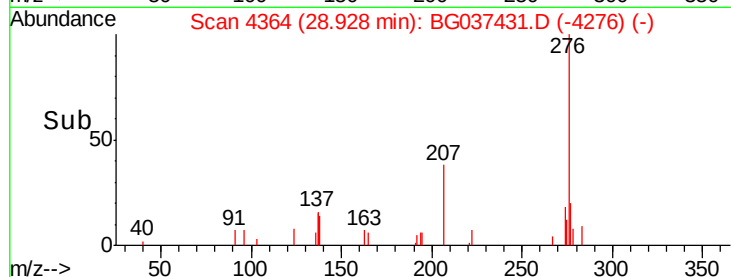
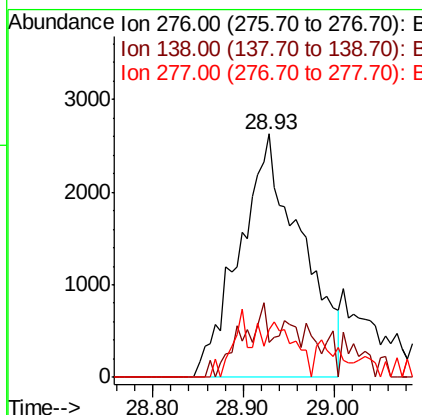
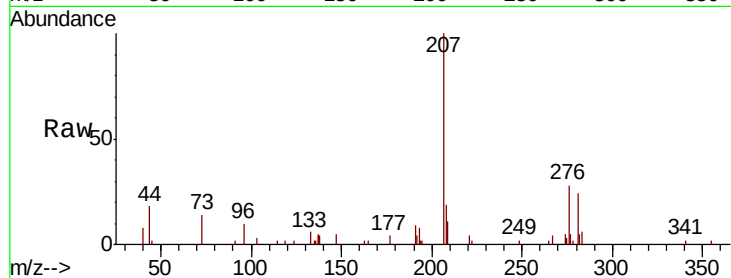




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.556 ng
 RT: 28.93 min Scan# 4364
 Delta R.T. -0.02 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

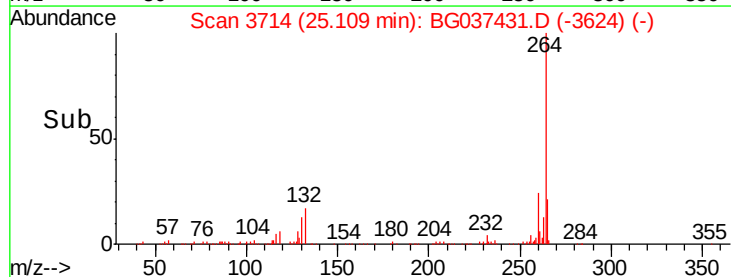
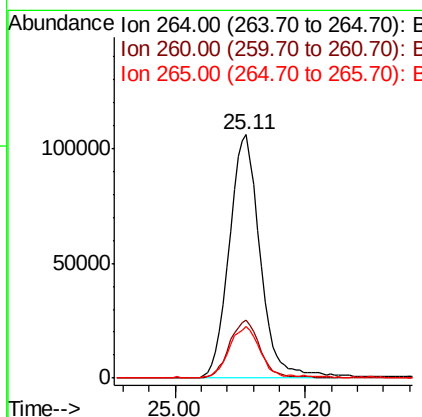
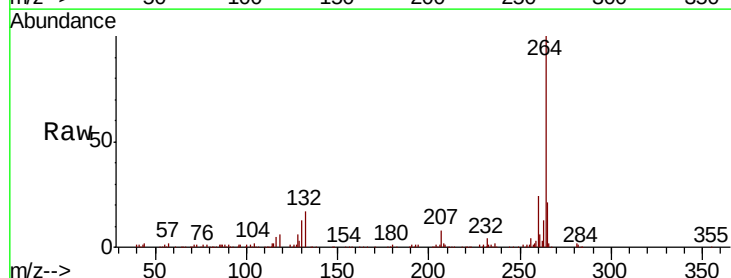
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

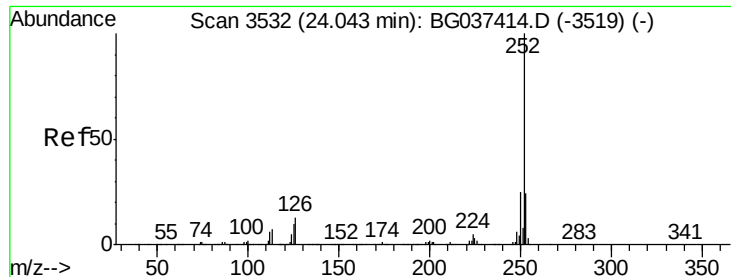
Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	13.8	12.0	18.0	
277	2.6	20.6	30.8	



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	18.2	27.4	
265	21.0	17.9	26.9	

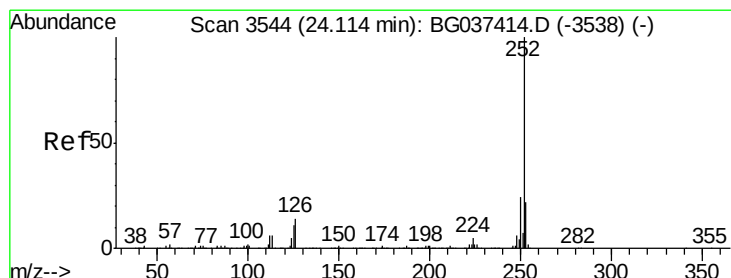
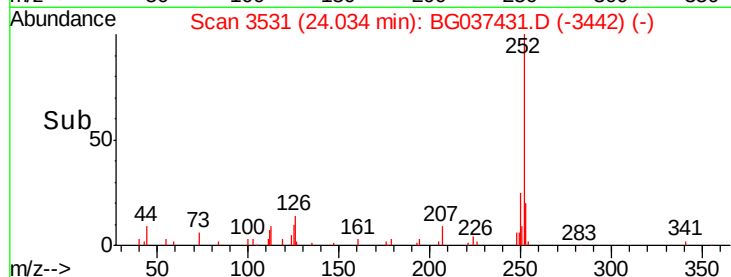
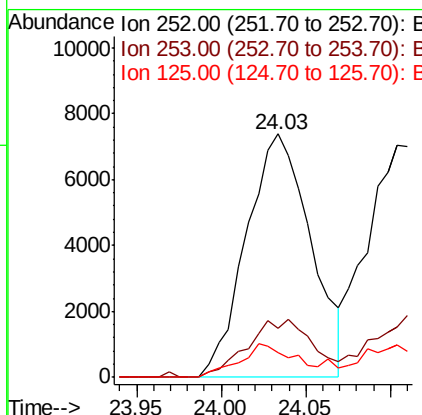
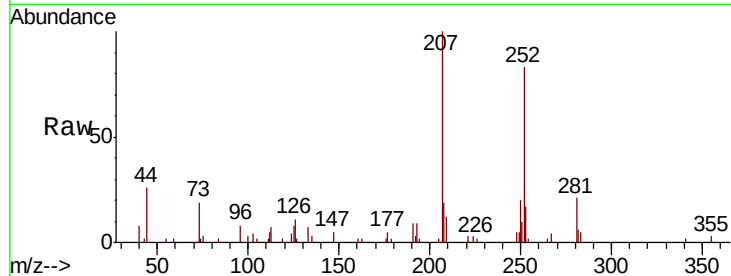




#88
Benzo(b)fluoranthene
Concen: 1.022 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

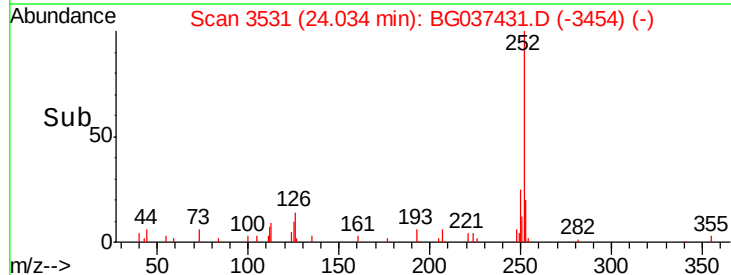
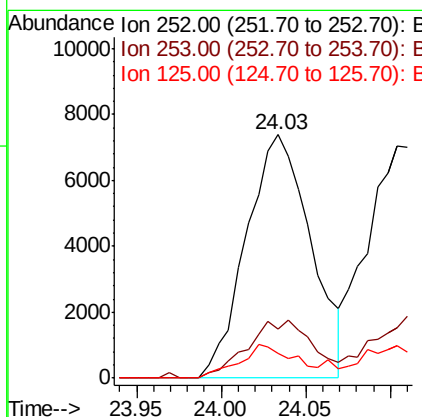
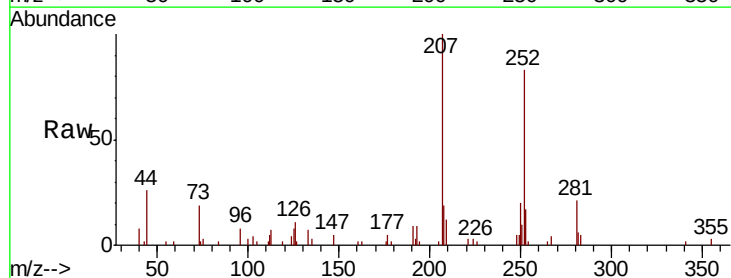
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

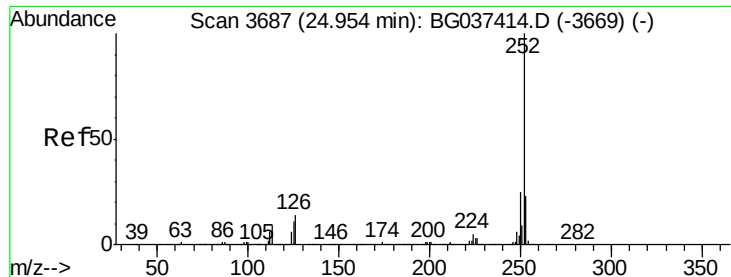
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.2	27.2
125	10.2	7.8	11.6



#89
Benzo(k)fluoranthene
Concen: 1.043 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.08 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.4	26.2
125	10.2	7.4	11.0





#90

Benzo(a)pyrene

Concen: 1.005 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

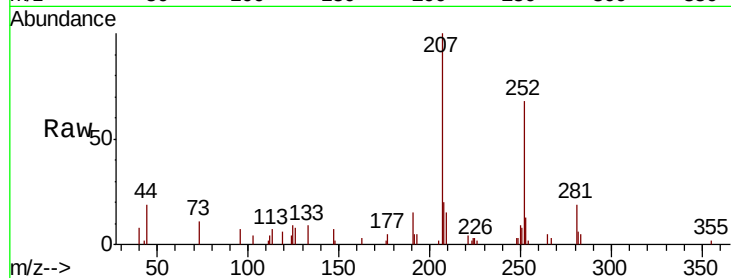
Tot Ion:252 Resp: 18325

Ion Ratio Lower Upper

252 100

253 19.3 17.4 26.2

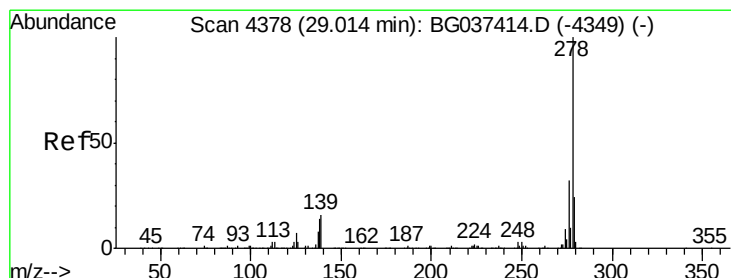
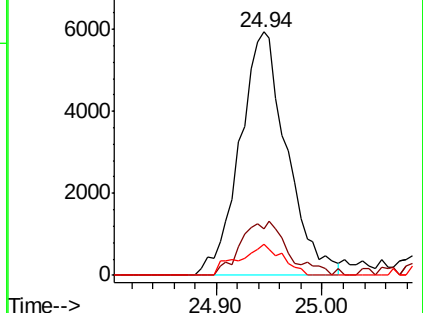
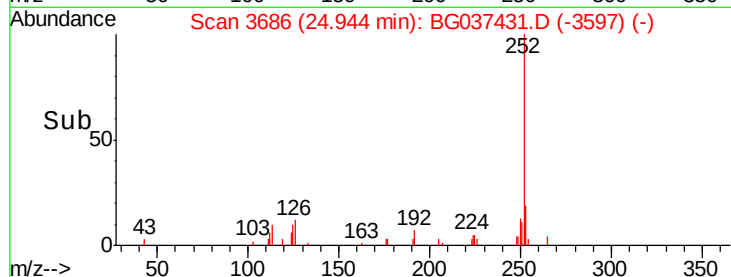
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.275 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.03 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

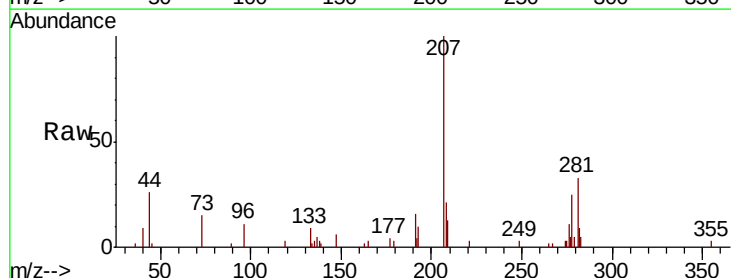
Tgt Ion:278 Resp: 4623

Ion Ratio Lower Upper

278 100

139 10.0 11.5 17.3#

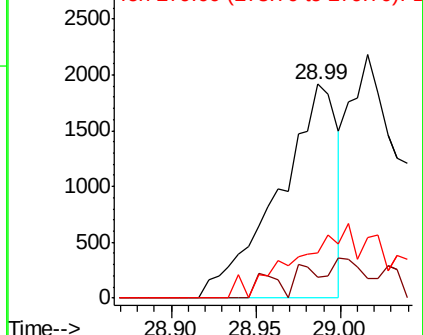
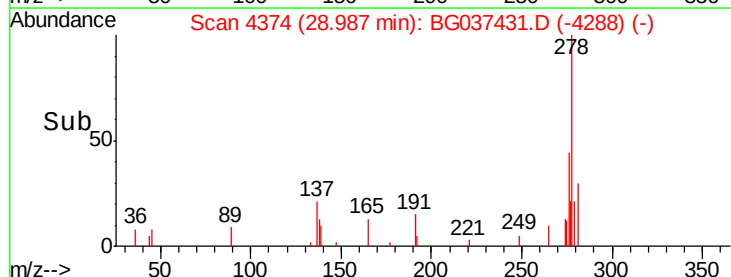
279 21.0 18.6 27.8

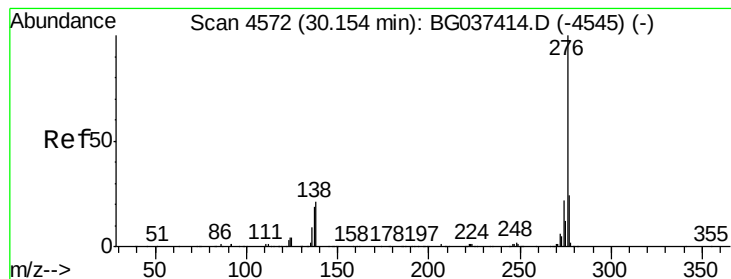


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.360 ng

RT: 30.13 min Scan# 4569

Delta R.T. -0.02 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion: 276 Resp: 6125

Ion Ratio Lower Upper

276 100

277 28.4 18.9 28.3#

138 20.9 17.2 25.8

