

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037432.D
 Acq On : 18 Oct 2018 23:10
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 2 PPM
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 19 07:01:49 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	46213	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	210420	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	138707	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	337254	20.00	ng	0.00
76) Chrysene-d12	21.77	240	313435	20.00	ng	0.00
87) Perylene-d12	25.10	264	304711	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	425711	154.01	ng	0.00
7) Phenol-d6	7.25	99	618209	147.90	ng	0.00
23) Nitrobenzene-d5	9.28	82	352937	93.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	231096	152.75	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	862440	93.76	ng	0.00
79) Terphenyl-d14	20.09	244	1304295	88.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	3077	2.195	ng	# 60
3) Pyridine	3.95	79	7685	2.175	ng	# 88
4) n-Nitrosodimethylamine	3.88	42	3218	2.557	ng	# 87
6) Aniline	7.43	93	6702	1.314	ng	95
8) 2-Chlorophenol	7.66	128	7365	2.278	ng	85
9) Benzaldehyde	7.25	77	6028	2.305	ng	# 87
10) Phenol	7.27	94	10020	2.272	ng	# 71
11) bis(2-Chloroethyl)ether	7.53	93	7782	2.323	ng	# 80
12) 1,3-Dichlorobenzene	8.00	146	8020	2.228	ng	93
13) 1,4-Dichlorobenzene	8.14	146	8202	2.227	ng	88
14) 1,2-Dichlorobenzene	8.46	146	7431	2.098	ng	99
15) Benzyl Alcohol	8.35	79	6234	2.019	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	13612	2.271	ng	88
17) 2-Methylphenol	8.54	107	6216	2.132	ng	95
18) Hexachloroethane	9.19	117	2741	2.183	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	5977	2.077	ng	# 75
20) 3+4-Methylphenols	8.86	107	8874	2.129	ng	93
22) Acetophenone	8.94	105	11743	2.225	ng	# 91
24) Nitrobenzene	9.33	77	9946	2.549	ng	# 87
25) Isophorone	9.85	82	15162	2.209	ng	98
26) 2-Nitrophenol	10.04	139	3215	1.829	ng	# 89
27) 2,4-Dimethylphenol	10.08	122	6547	2.086	ng	82
28) bis(2-Chloroethoxy)methane	10.33	93	10344	2.300	ng	# 92
29) 2,4-Dichlorophenol	10.56	162	6629	1.897	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	8562	2.253	ng	92
31) Naphthalene	10.98	128	25721	2.489	ng	# 94
32) Benzoic acid	10.08	122	6547	3.212	ng	# 11
33) 4-Chloroaniline	11.10	127	7410	1.526	ng	# 93
34) Hexachlorobutadiene	11.24	225	4794	2.128	ng	96
35) Caprolactam	11.86	113	1885	1.345	ng	# 78
36) 4-Chloro-3-methylphenol	12.18	107	7335	1.861	ng	93
37) 2-Methylnaphthalene	12.57	142	18943	2.514	ng	90
38) 1-Methylnaphthalene	12.80	142	18452	2.522	ng	# 90
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	9550	2.135	ng	97

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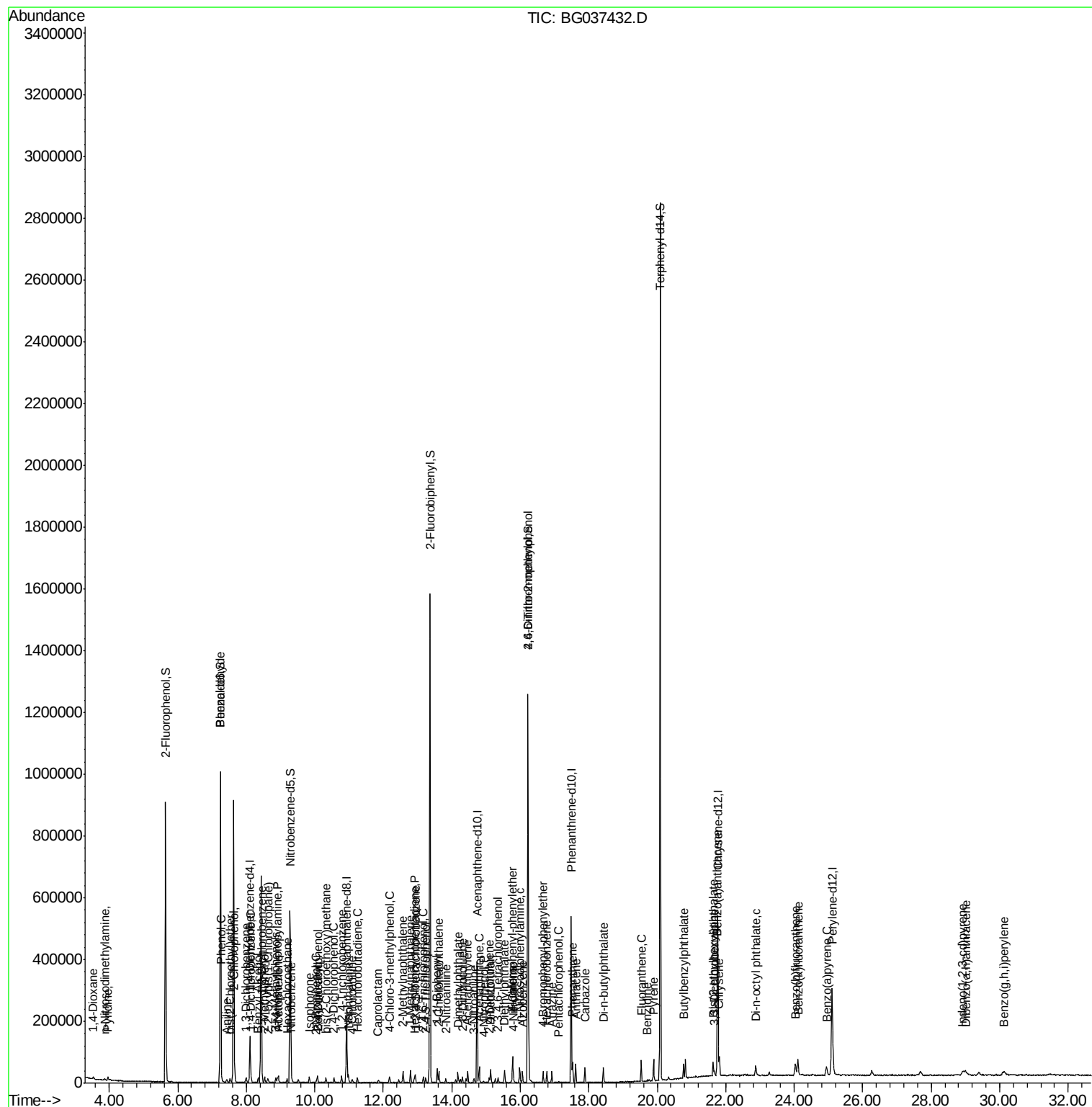
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	4048	1.894	ng	93
43) 2,4,6-Trichlorophenol	13.17	196	5157	1.725	ng	93
44) 2,4,5-Trichlorophenol	13.24	196	6340	1.948	ng #	92
46) 1,1'-Biphenyl	13.58	154	25706	2.238	ng	98
47) 2-Chloronaphthalene	13.62	162	19233	2.213	ng	97
48) 2-Nitroaniline	13.82	65	4338	1.646	ng #	82
49) Acenaphthylene	14.46	152	31245	2.390	ng	98
50) Dimethylphthalate	14.18	163	24363	2.270	ng	96
51) 2,6-Dinitrotoluene	14.31	165	4446	1.873	ng #	88
52) Acenaphthene	14.80	154	18445	2.291	ng	95
53) 3-Nitroaniline	14.66	138	4291	1.628	ng #	68
55) Dibenzofuran	15.13	168	31683	2.375	ng	93
56) 4-Nitrophenol	14.93	139	1393	0.714	ng #	70
57) 2,4-Dinitrotoluene	15.10	165	5523	1.772	ng #	96
58) Fluorene	15.78	166	24671	2.470	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	4614	1.656	ng #	95
60) Diethylphthalate	15.54	149	24250	2.201	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	12454	2.139	ng	96
62) 4-Nitroaniline	15.81	138	4444	1.697	ng	95
63) Azobenzene	16.07	77	24232	2.305	ng	97
65) 4,6-Dinitro-2-methylphenol	16.22	198	821	8.889	ng	83
66) n-Nitrosodiphenylamine	15.99	169	21618	2.131	ng	90
67) 4-Bromophenyl-phenylether	16.67	248	7772	2.098	ng	94
68) Hexachlorobenzene	16.77	284	8614	2.244	ng	97
69) Atrazine	16.93	200	7103	1.937	ng	86
70) Pentachlorophenol	17.12	266	1172	0.456	ng #	82
71) Phenanthrene	17.53	178	43707	2.550	ng	95
72) Anthracene	17.62	178	41981	2.496	ng	97
73) Carbazole	17.89	167	34932	2.076	ng	94
74) Di-n-butylphthalate	18.43	149	36870	1.970	ng #	96
75) Fluoranthene	19.53	202	46491	2.391	ng	97
77) Benzidine	19.72	184	4802	0.451	ng #	96
78) Pyrene	19.89	202	48110	2.348	ng	99
80) Butylbenzylphthalate	20.77	149	14572	1.738	ng	98
81) Benzo(a)anthracene	21.75	228	45990	2.481	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	8766	1.220	ng #	95
83) Chrysene	21.81	228	45203	2.536	ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	20884	1.777	ng	98
85) Di-n-octyl phthalate	22.88	149	32103	1.675	ng #	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	31734	1.660	ng #	76
88) Benzo(b)fluoranthene	24.03	252	39277	2.351	ng	97
89) Benzo(k)fluoranthene	24.11	252	40106	2.450	ng	97
90) Benzo(a)pyrene	24.95	252	34866	2.196	ng	96
91) Dibenzo(a,h)anthracene	29.01	278	23079	1.576	ng #	95
92) Benzo(g,h,i)perylene	30.12	276	28089	1.896	ng #	90

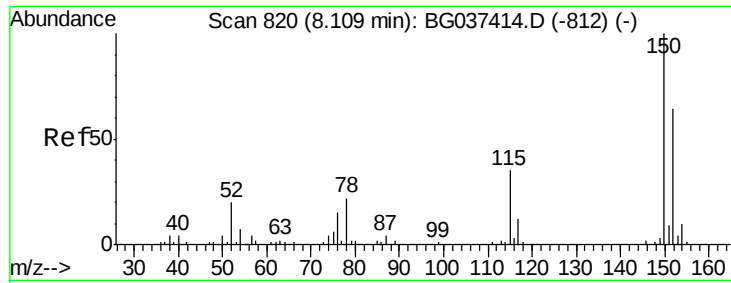
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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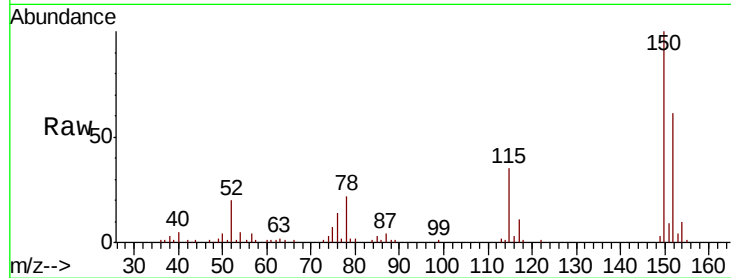


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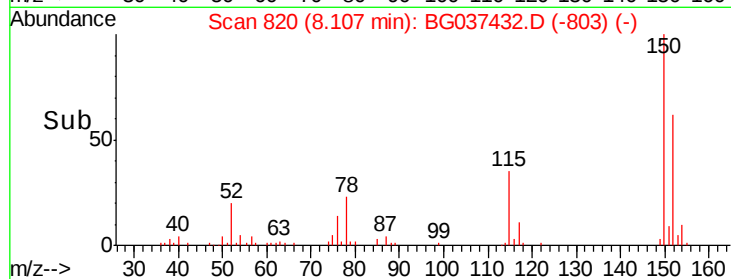
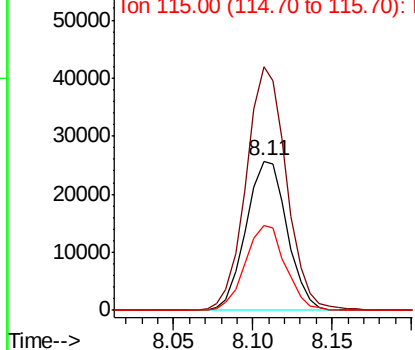
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

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

Tot Ion:152 Resp: 46213
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 56.8 45.5 68.3



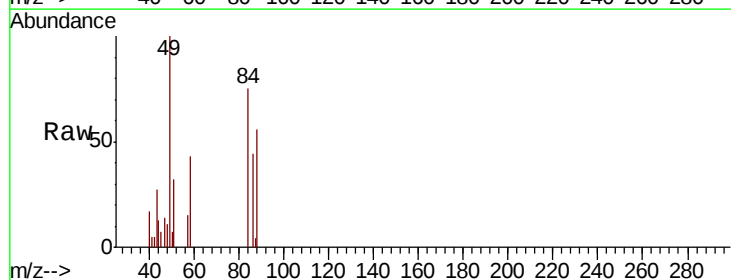
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



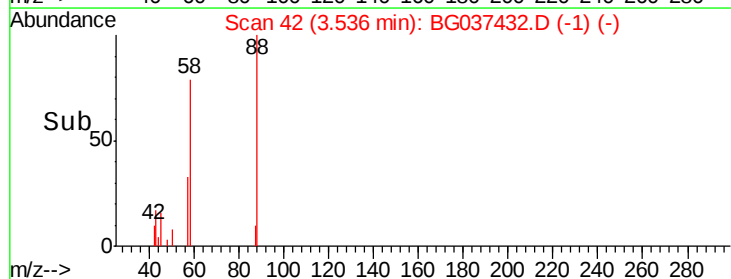
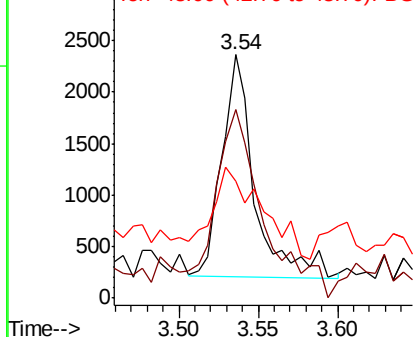
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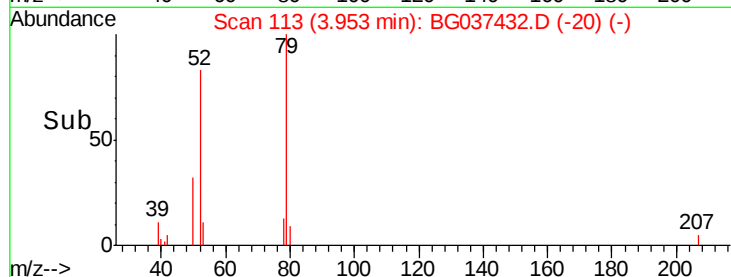
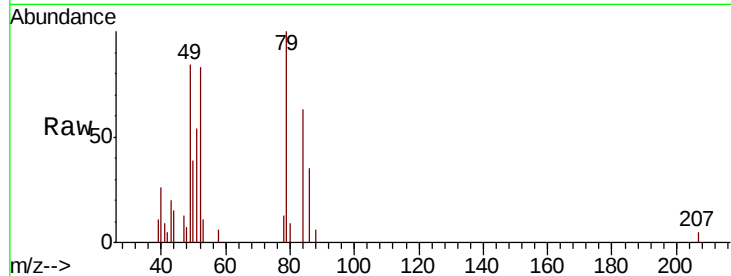
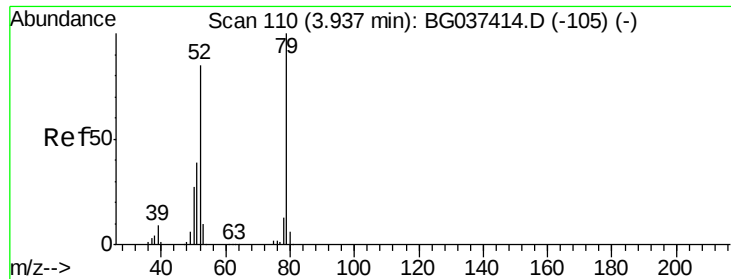
1,4-Dioxane
Concen: 2.195 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion: 88 Resp: 3077
Ion Ratio Lower Upper
88 100
58 126.7 74.4 111.6#
43 62.5 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

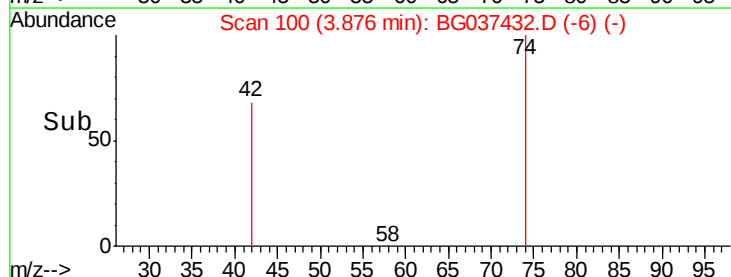
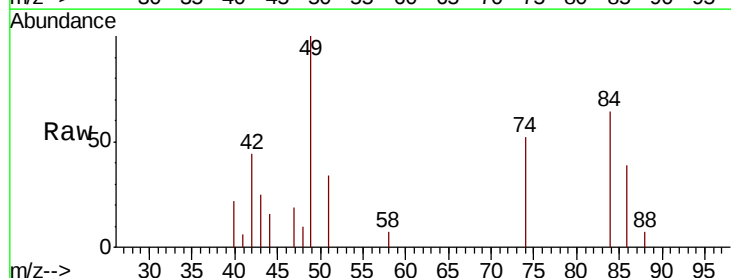
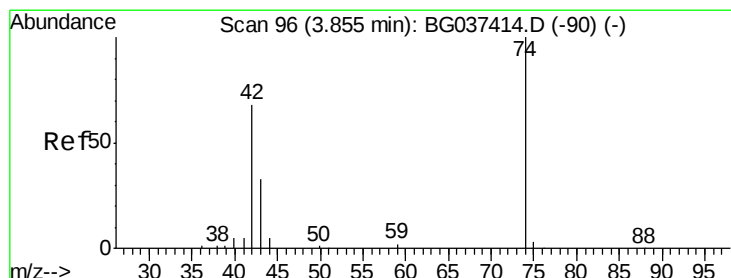
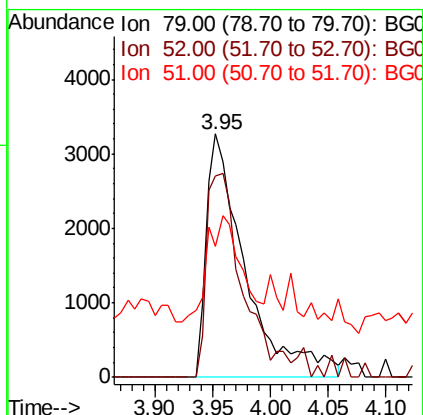




#3
 Pvridine
 Concen: 2.175 ng
 RT: 3.95 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

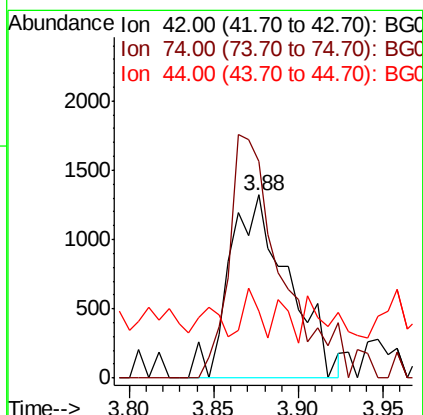
Instrument :
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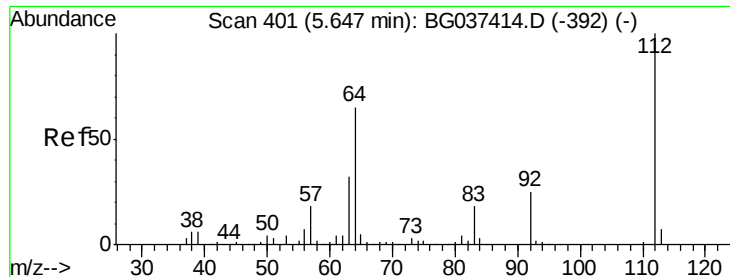
Tot Ion: 79 Resp: 7685
 Ion Ratio Lower Upper
 79 100
 52 82.7 74.2 111.2
 51 53.9 34.6 51.8#



#4
 n-Nitrosodimethylamine
 Concen: 2.557 ng
 RT: 3.88 min Scan# 100
 Delta R.T. 0.02 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion: 42 Resp: 3218
 Ion Ratio Lower Upper
 42 100
 74 118.5 102.0 153.0
 44 36.9 9.6 14.4#





#5

2-Fluorophenol

Concen: 154.010 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

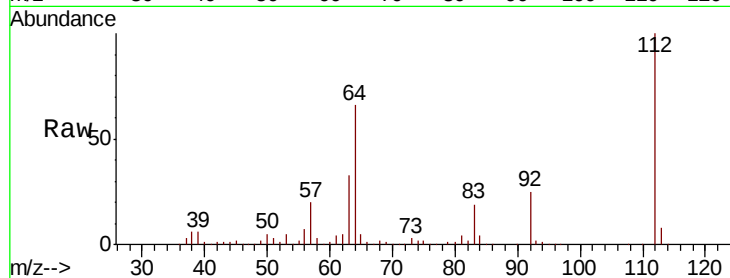
Tot Ion:112 Resp: 425711

Ion Ratio Lower Upper

112 100

64 66.3 53.1 79.7

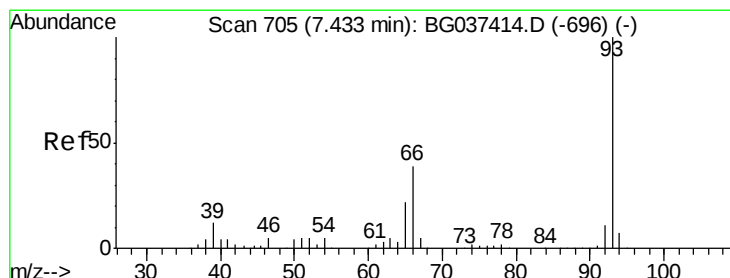
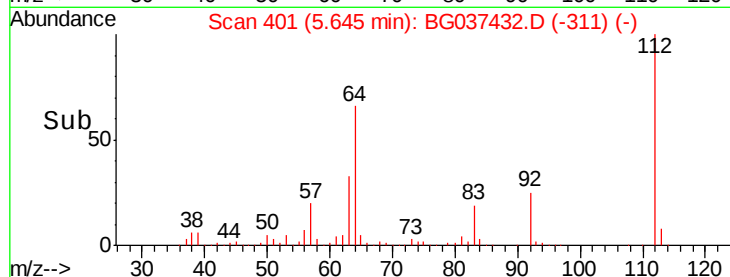
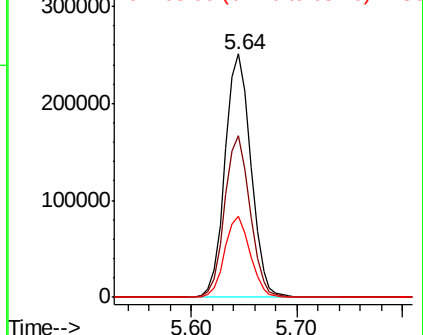
63 33.1 27.3 40.9



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: 1.314 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

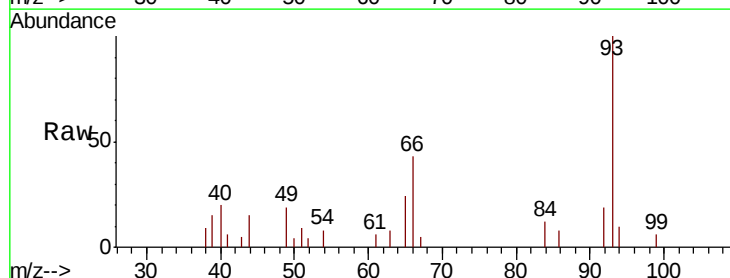
Tgt Ion: 93 Resp: 6702

Ion Ratio Lower Upper

93 100

66 42.7 32.8 49.2

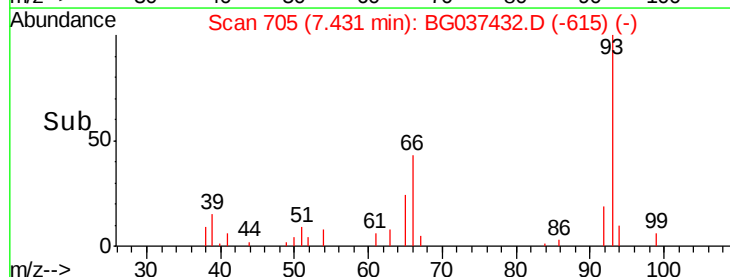
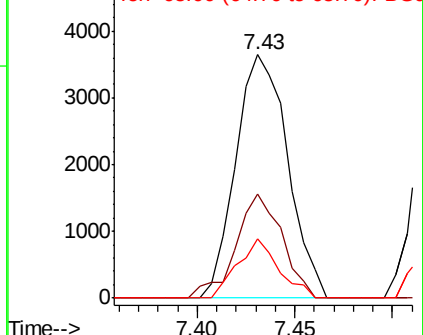
65 24.5 16.4 24.6

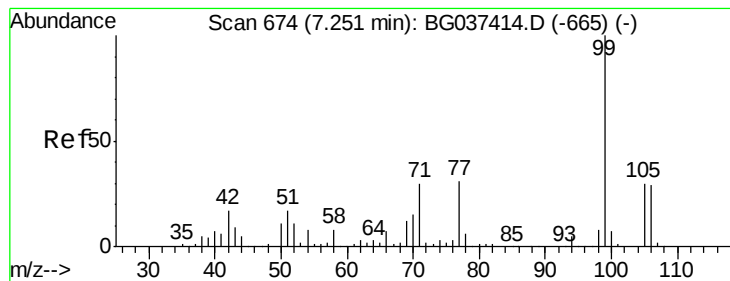


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.905 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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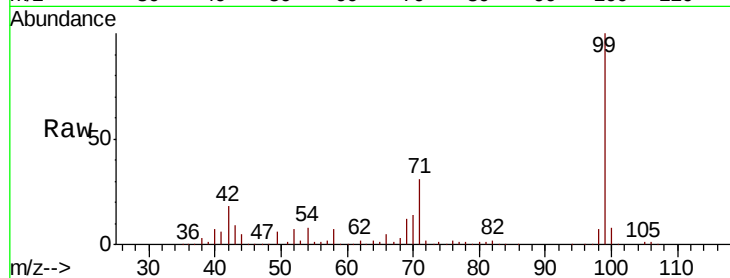
Tot Ion: 99 Resp: 618209

Ion Ratio Lower Upper

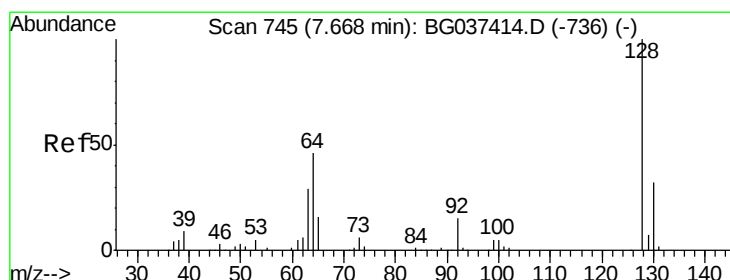
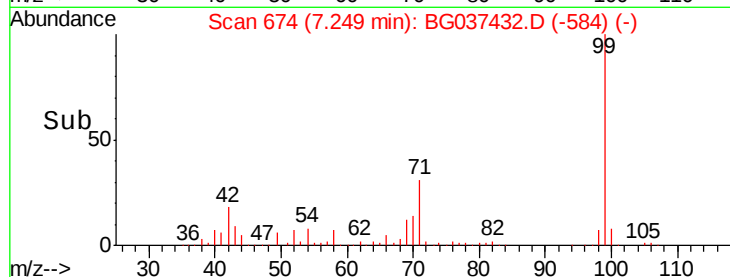
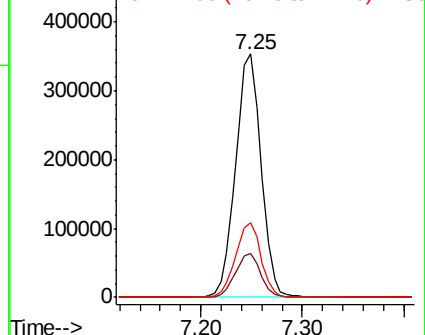
99 100

42 17.9 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: 2.278 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

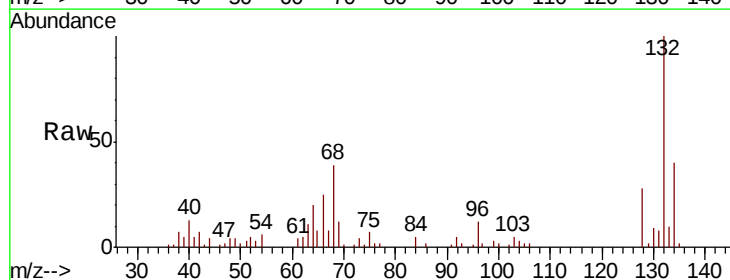
Tgt Ion: 128 Resp: 7365

Ion Ratio Lower Upper

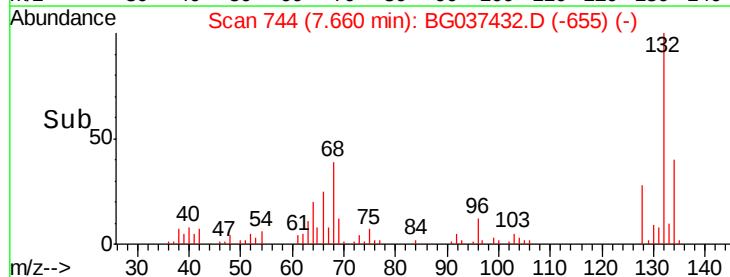
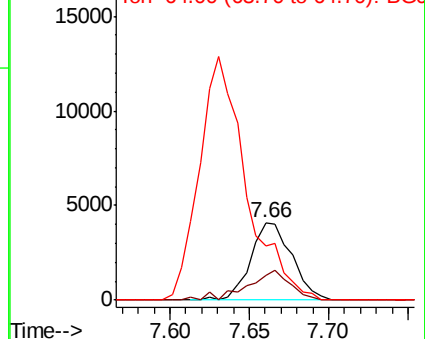
128 100

130 31.4 12.0 52.0

64 69.9 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: 2.305 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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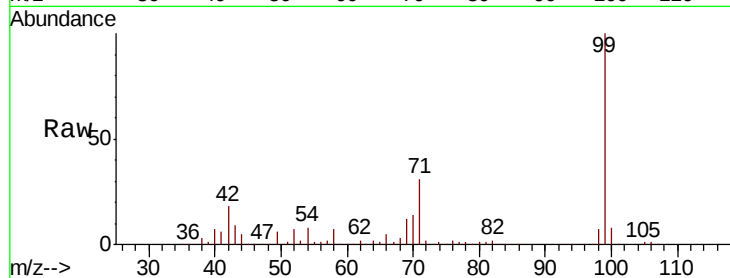
Tot Ion: 77 Resp: 6028

Ion Ratio Lower Upper

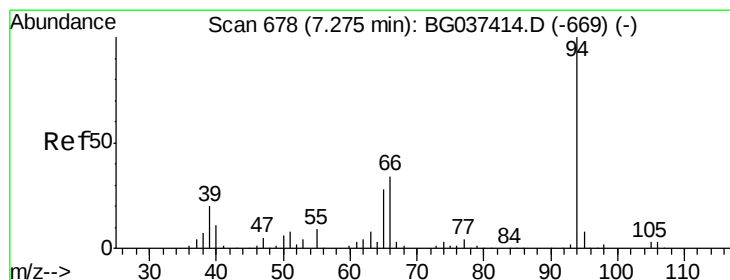
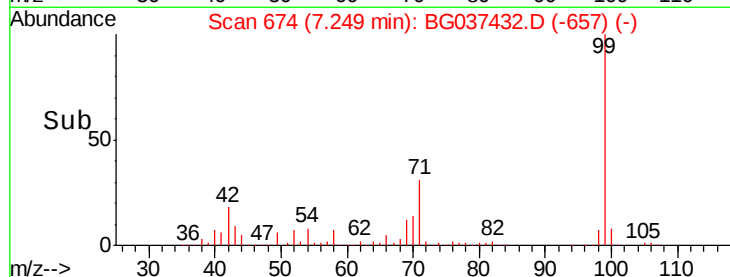
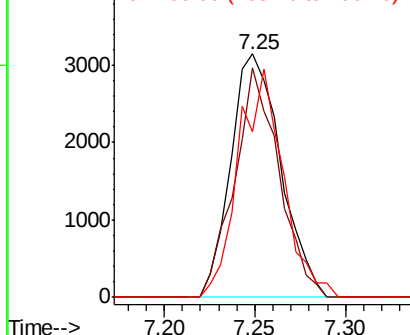
77 100

105 94.2 72.6 112.6

106 68.1 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: 2.272 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

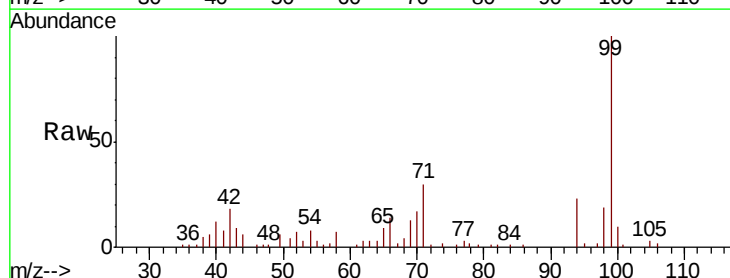
Tgt Ion: 94 Resp: 10020

Ion Ratio Lower Upper

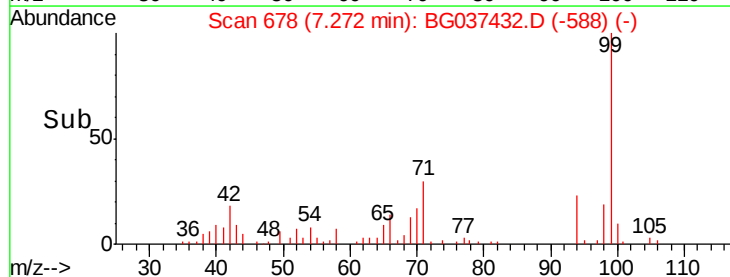
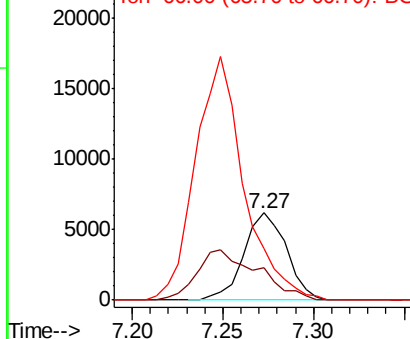
94 100

65 37.9 9.7 49.7

66 60.0 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

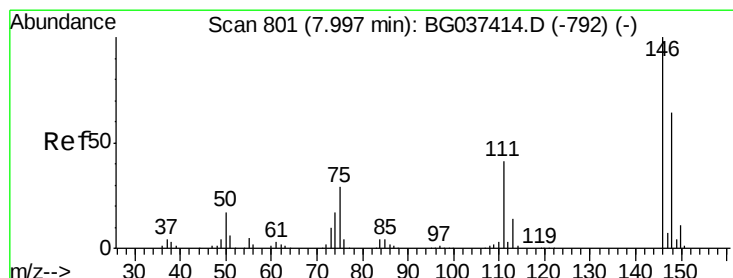
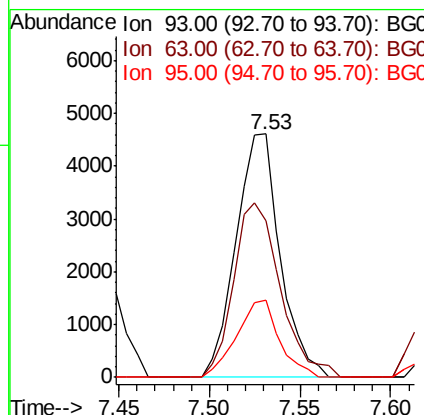
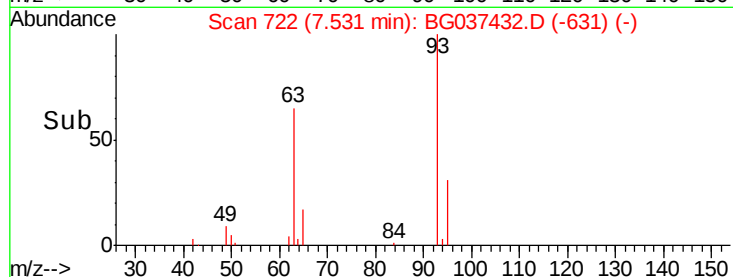
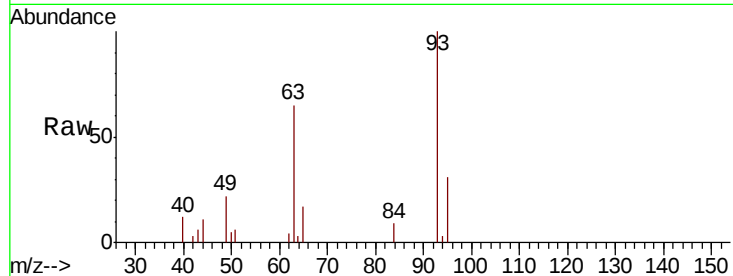




#11
 bis(2-Chloroethyl)ether
 Concen: 2.323 ng
 RT: 7.53 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

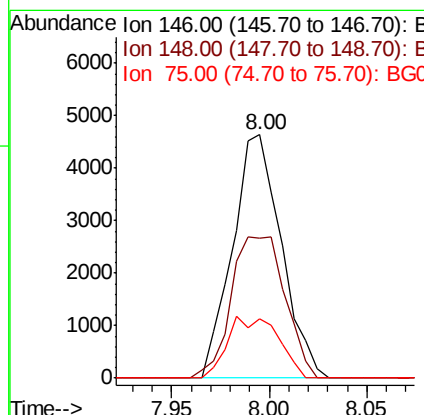
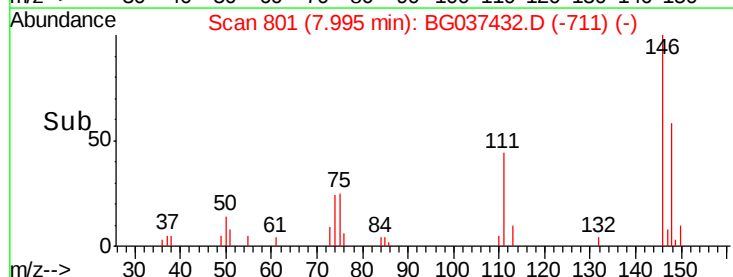
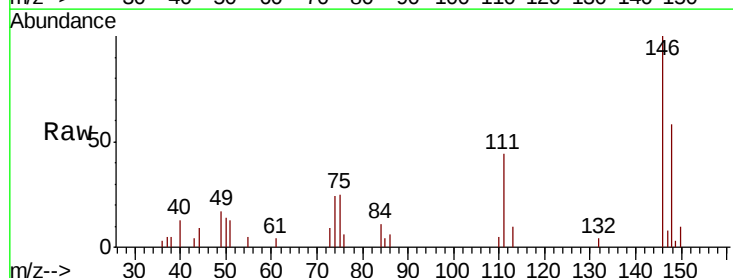
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion: 93 Resp: 7782
 Ion Ratio Lower Upper
 93 100
 63 64.5 69.5 109.5#
 95 31.5 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 2.228 ng
 RT: 8.00 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion: 146 Resp: 8020
 Ion Ratio Lower Upper
 146 100
 148 57.6 49.8 74.8
 75 24.5 23.2 34.8

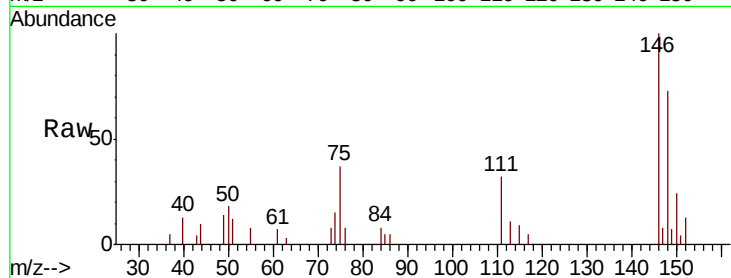




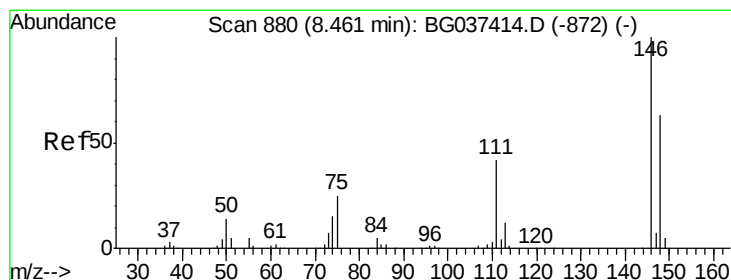
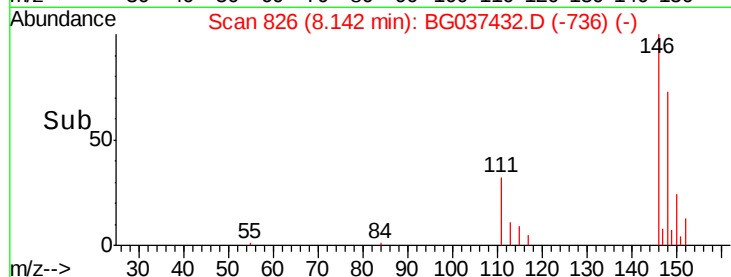
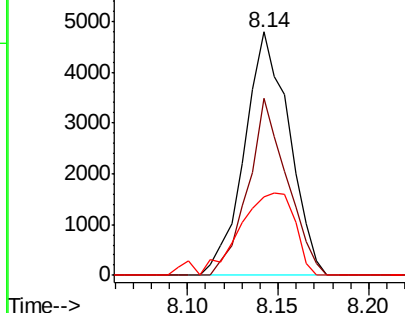
#13
 1,4-Dichlorobenzene
 Concen: 2.227 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion:146 Resp: 8202
 Ion Ratio Lower Upper
 146 100
 148 72.8 51.0 76.6
 111 32.4 32.4 48.6

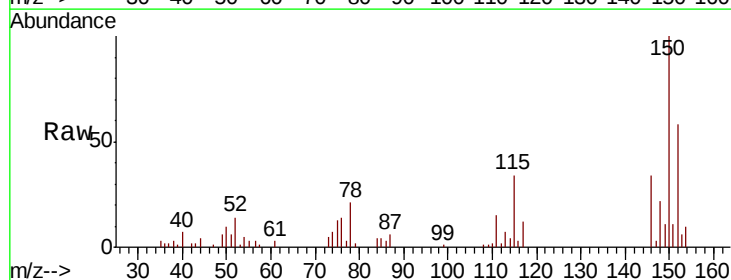


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

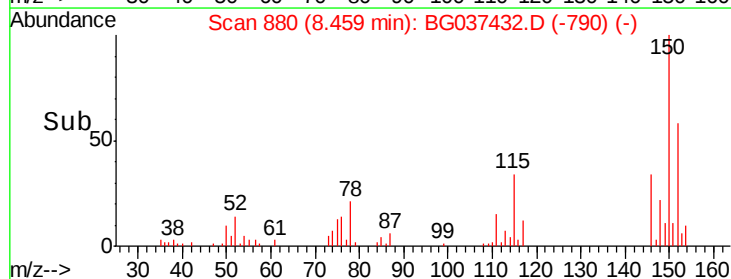
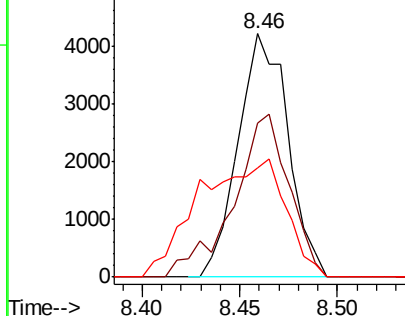


#14
 1,2-Dichlorobenzene
 Concen: 2.098 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:146 Resp: 7431
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 44.8 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.019 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

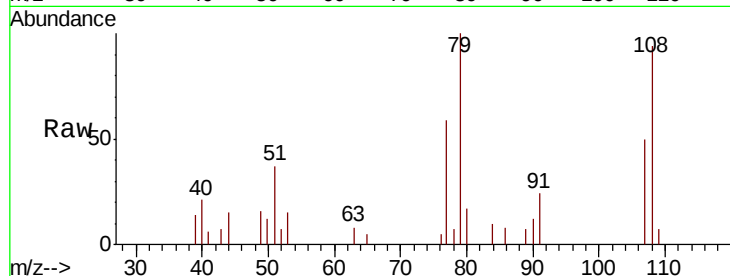
Tot Ion: 79 Resp: 6234

Ion Ratio Lower Upper

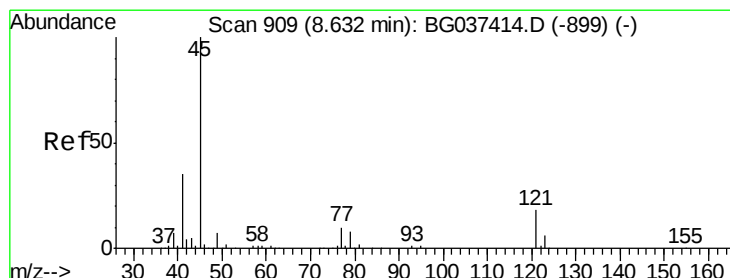
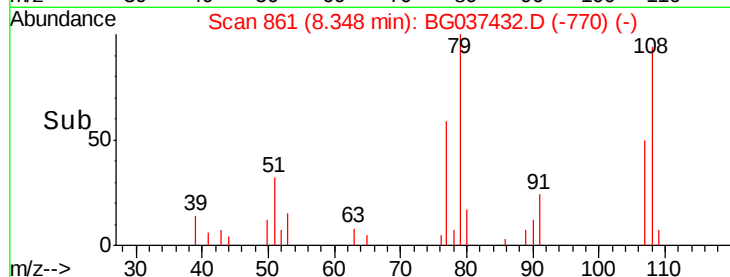
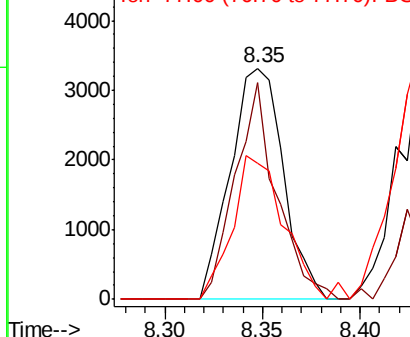
79 100

108 93.8 65.8 98.8

77 59.0 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.271 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

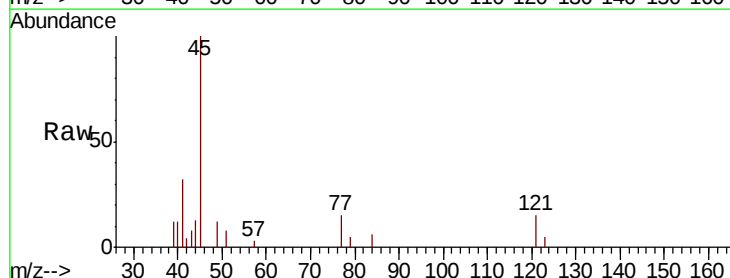
Tgt Ion: 45 Resp: 13612

Ion Ratio Lower Upper

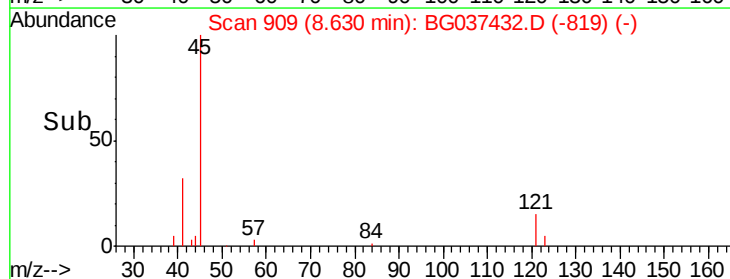
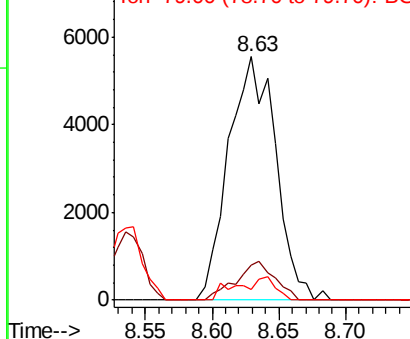
45 100

77 14.6 0.0 30.0

79 4.6 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 2.132 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:107 Resp: 6216

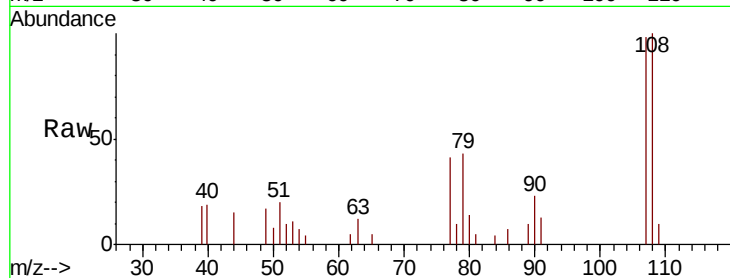
Ion Ratio Lower Upper

107 100

108 102.4 87.9 131.9

77 41.8 35.1 52.7

79 43.8 34.5 51.7

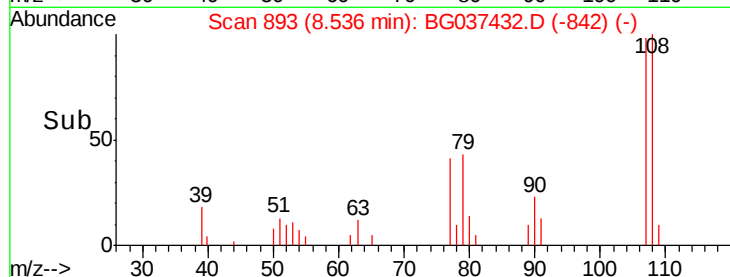


Abundance Ion 107.00 (106.70 to 107.70): E

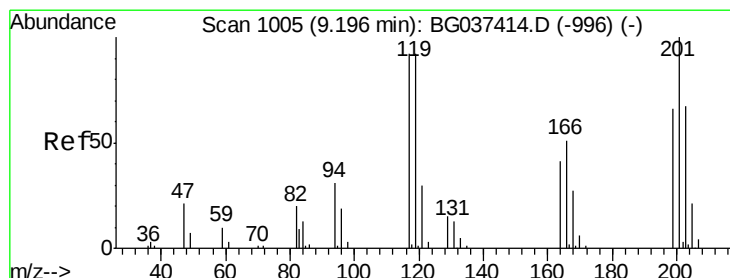
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 2.183 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

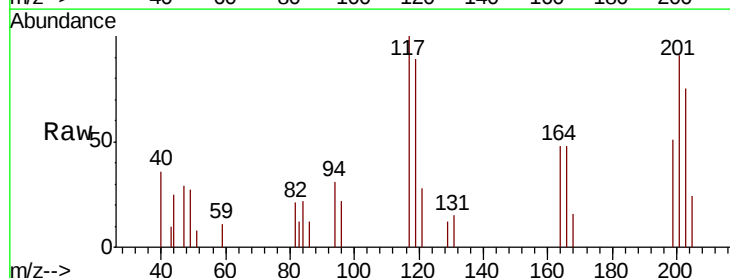
Tgt Ion:117 Resp: 2741

Ion Ratio Lower Upper

117 100

119 89.5 74.6 111.8

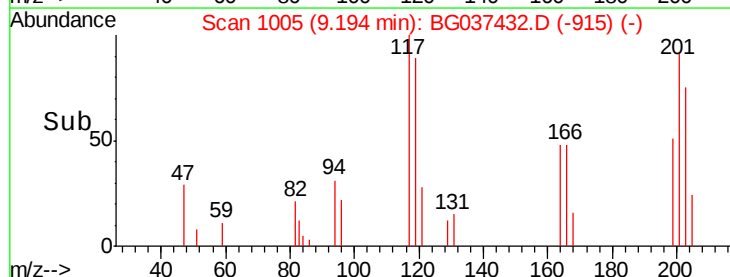
201 91.4 80.8 121.2



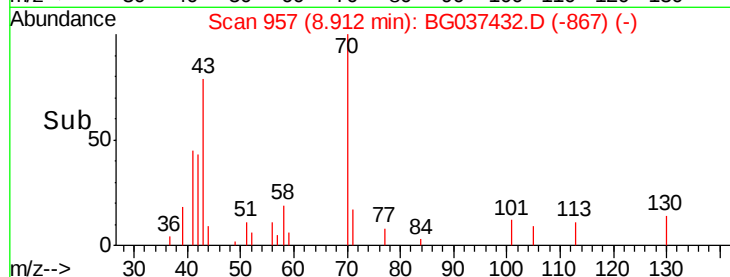
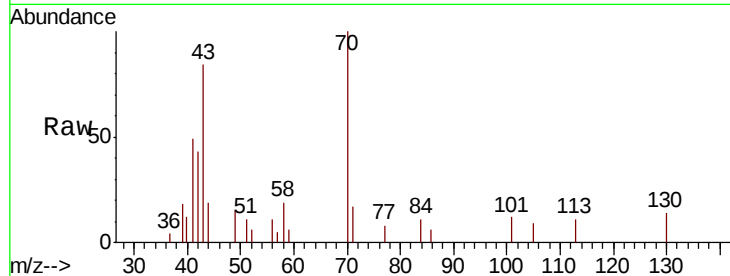
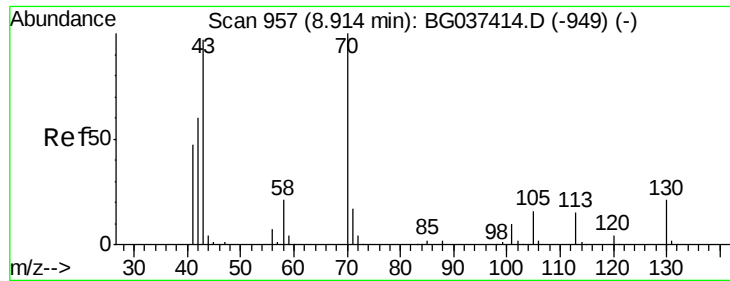
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



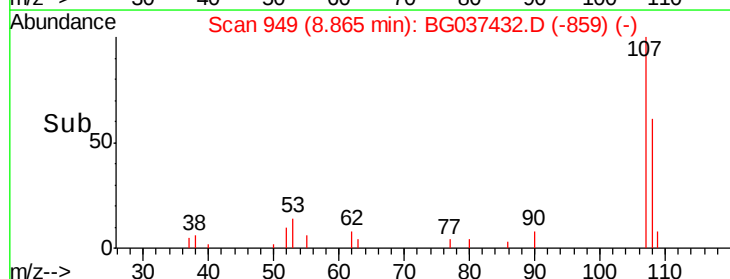
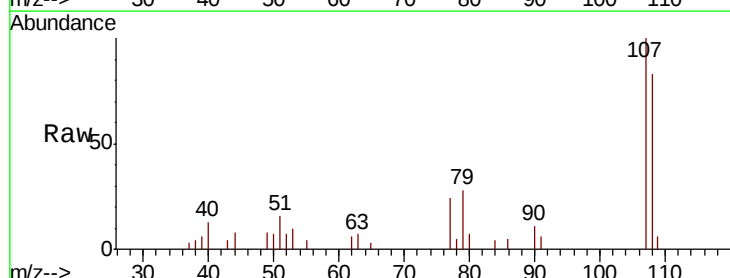
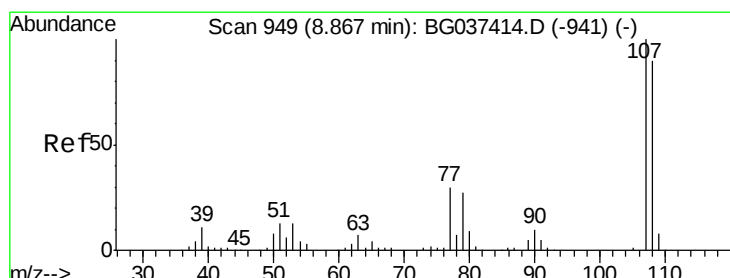
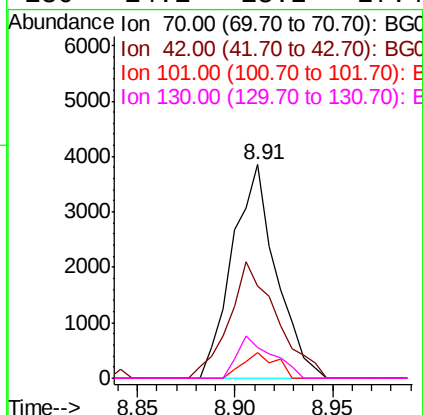
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 2.077 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

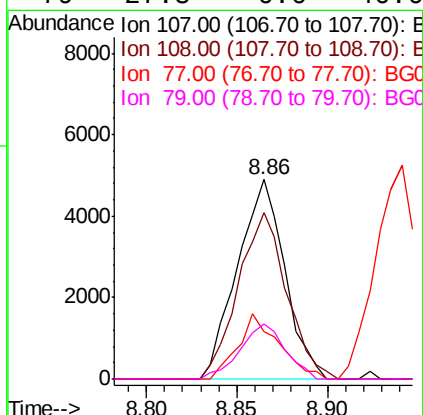
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:	70	Resp:	5977
Ion	Ratio	Lower	Upper
70	100		
42	43.0	53.9	80.9#
101	11.7	8.2	12.2
130	14.1	18.2	27.4#



#20
3+4-Methylphenols
Concen: 2.129 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:	107	Resp:	8874
Ion	Ratio	Lower	Upper
107	100		
108	83.4	69.9	109.9
77	23.9	11.2	51.2
79	27.8	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: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:136 Resp: 210420

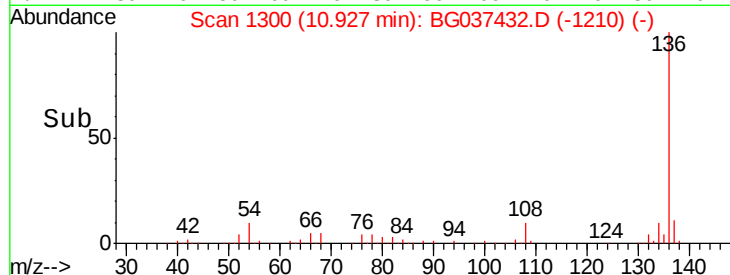
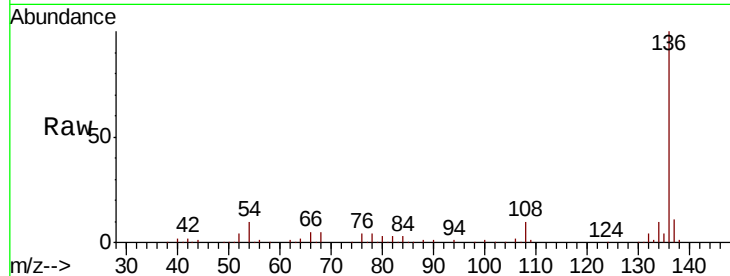
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 9.8 7.9 11.9

68 5.2 4.8 7.2

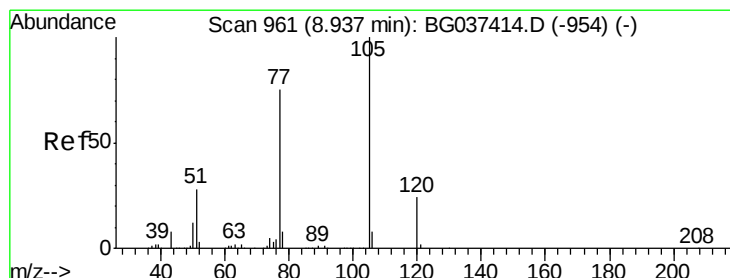
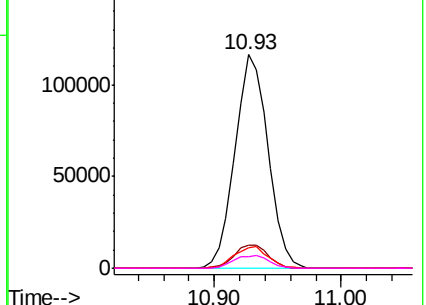


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 2.225 ng

RT: 8.94 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Tgt Ion:105 Resp: 11743

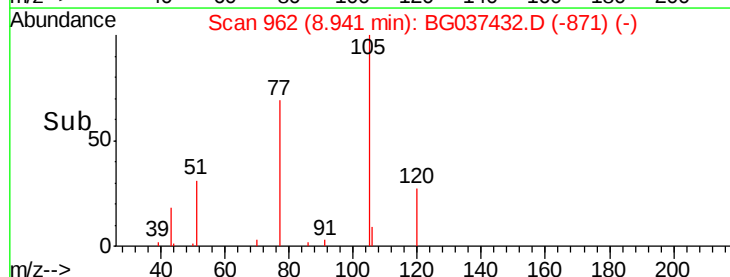
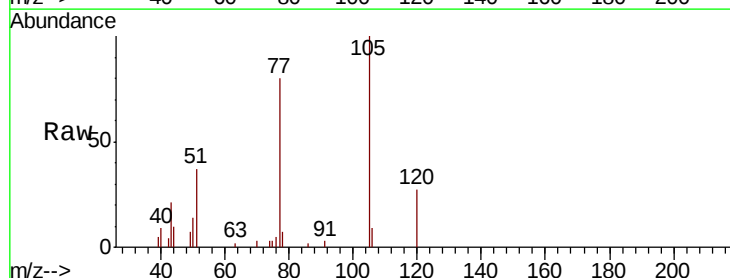
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 36.7 25.0 37.6

120 27.2 18.6 28.0

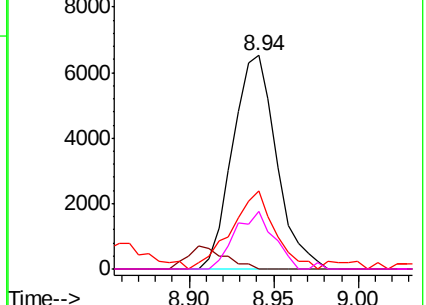


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

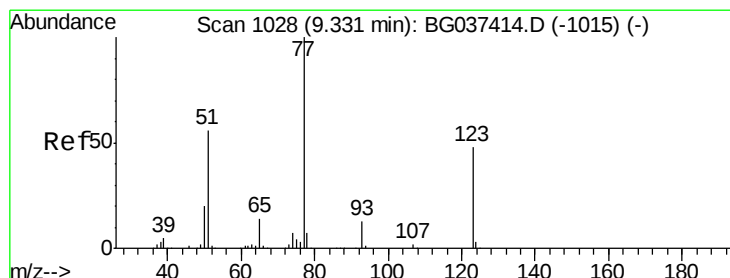
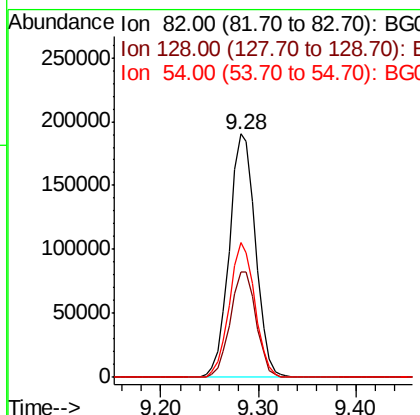
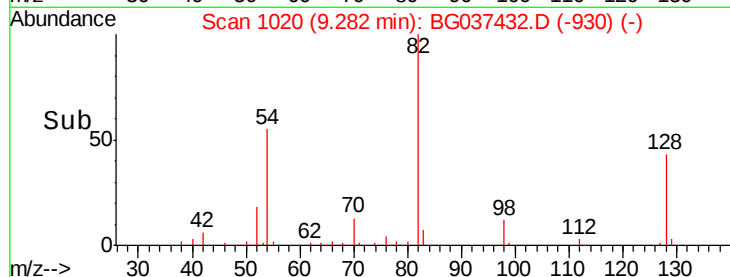
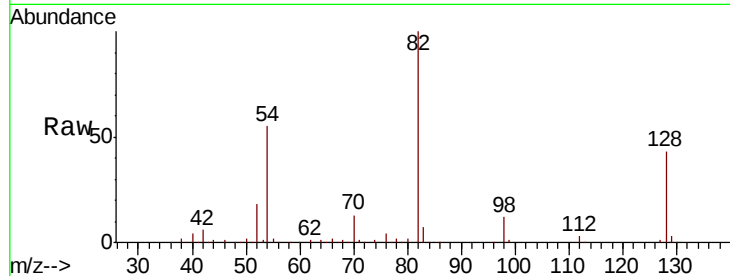




#23
Nitrobenzene-d5
Concen: 93.960 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

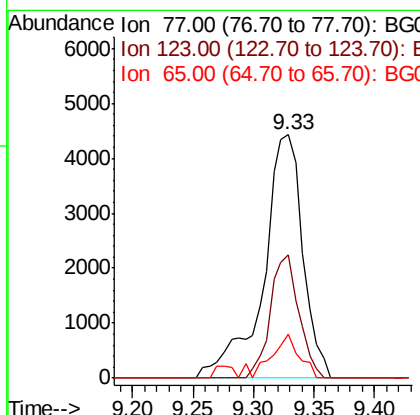
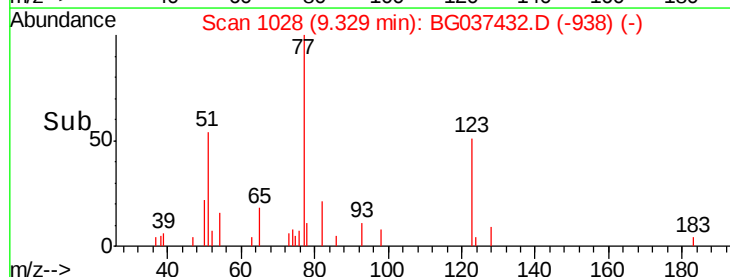
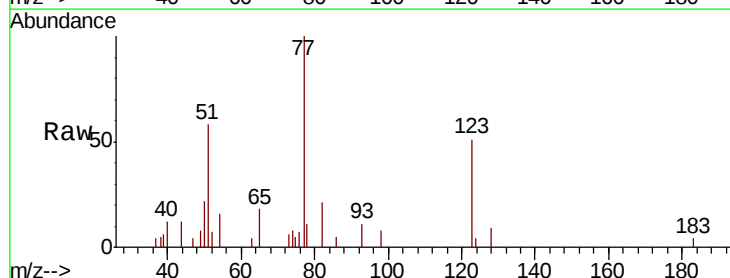
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

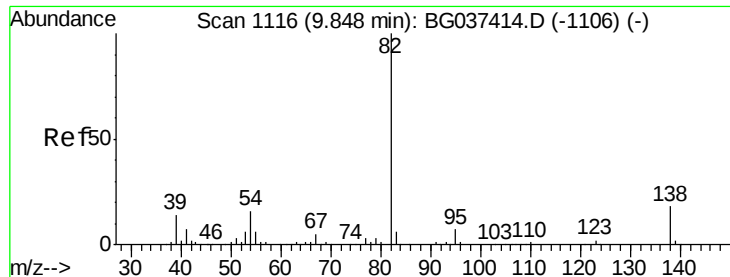
Tot Ion	82	Resp	352937
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.6	51.8
54	55.5	45.3	67.9



#24
Nitrobenzene
Concen: 2.549 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion	77	Resp	9946
Ion Ratio	Lower	Upper	
77	100		
123	50.9	33.6	50.4#
65	18.1	11.3	16.9#

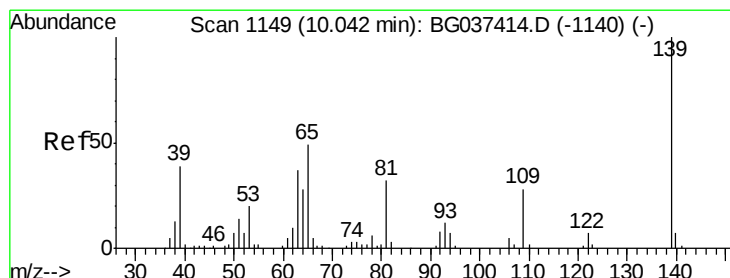
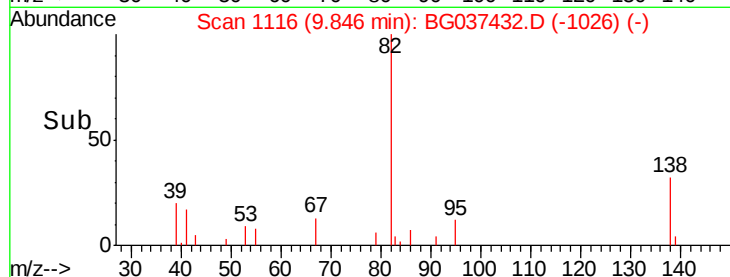
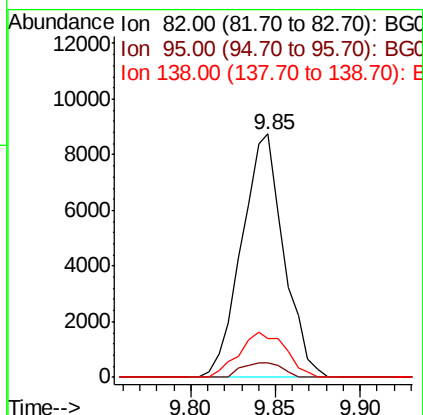
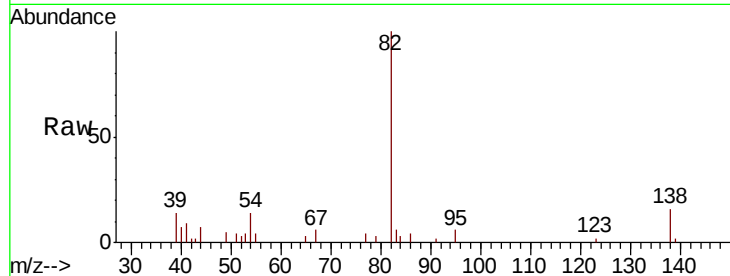




#25
Isophorone
Concen: 2.209 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

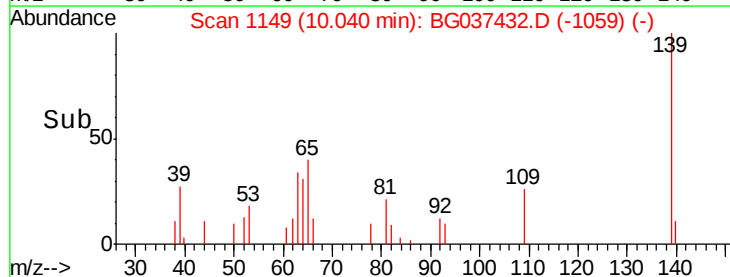
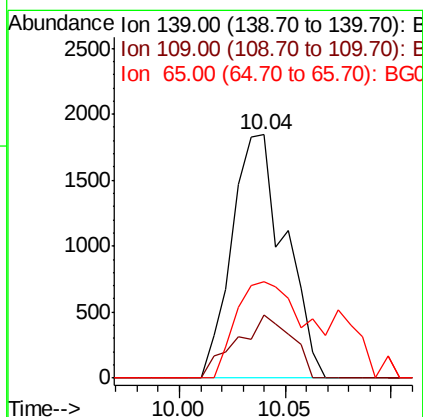
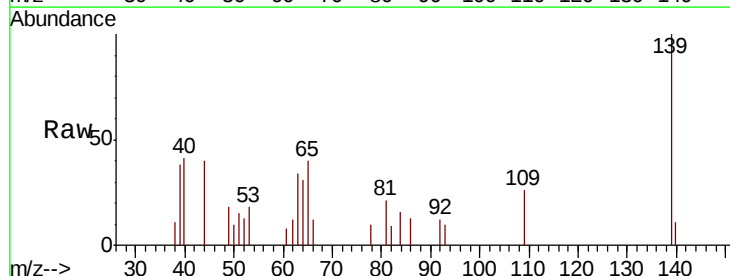
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

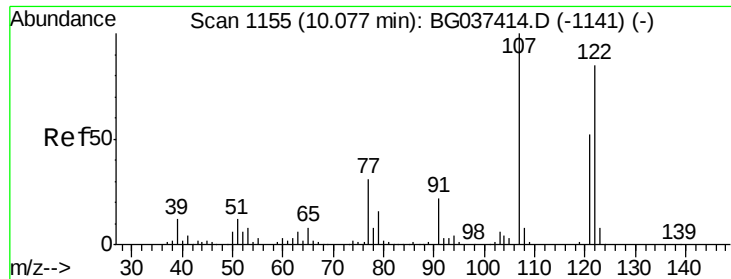
Tot Ion: 82 Resp: 15162
Ion Ratio Lower Upper
82 100
95 5.8 5.3 7.9
138 16.0 13.3 19.9



#26
2-Nitrophenol
Concen: 1.829 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion: 139 Resp: 3215
Ion Ratio Lower Upper
139 100
109 26.0 23.3 34.9
65 39.8 39.8 59.8#

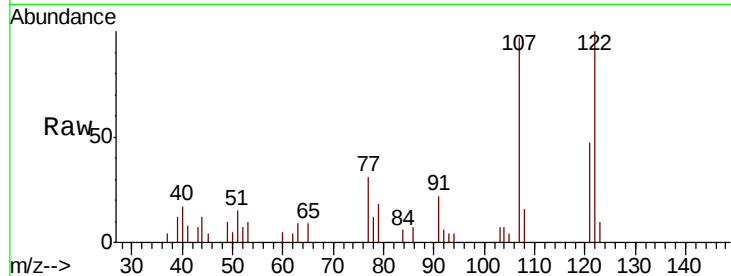




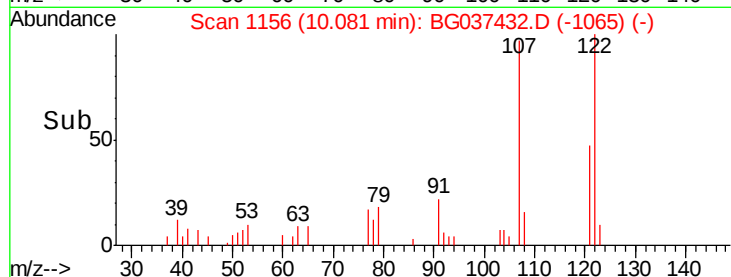
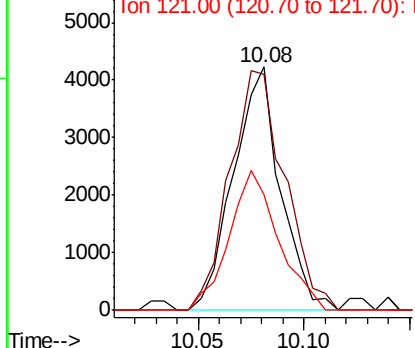
#27
 2,4-Dimethylphenol
 Concen: 2.086 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion:122 Resp: 6547
 Ion Ratio Lower Upper
 122 100
 107 96.7 94.2 141.2
 121 47.3 47.3 70.9

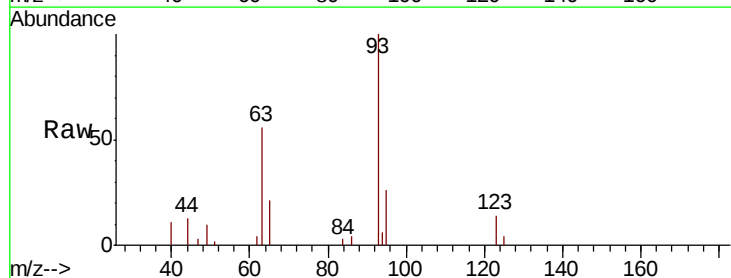


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

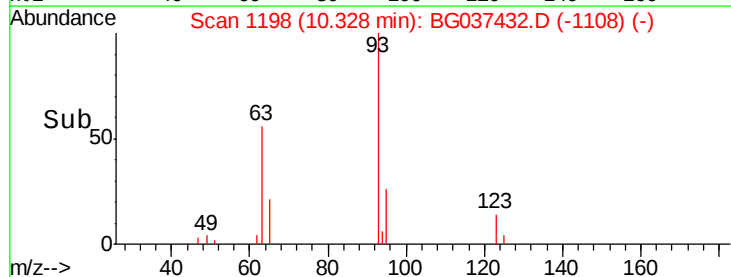
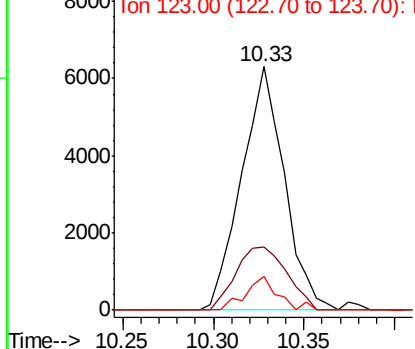


#28
 bis(2-Chloroethoxy)methane
 Concen: 2.300 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion: 93 Resp: 10344
 Ion Ratio Lower Upper
 93 100
 95 26.1 24.6 37.0
 123 13.9 9.1 13.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

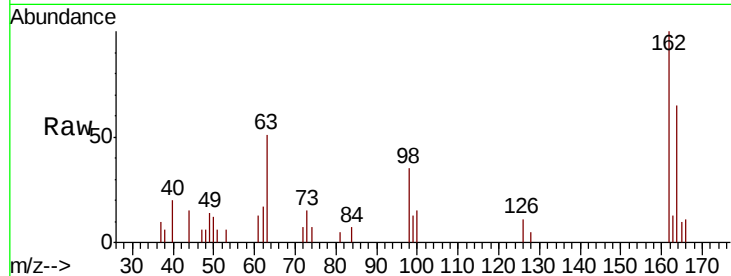




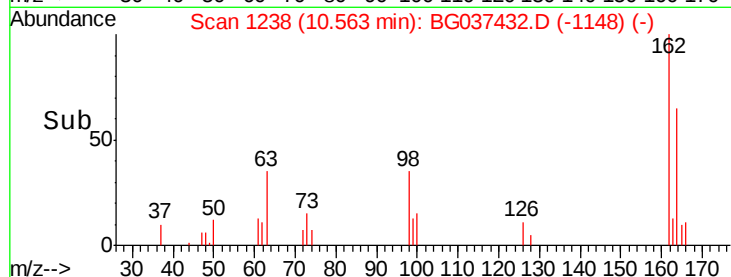
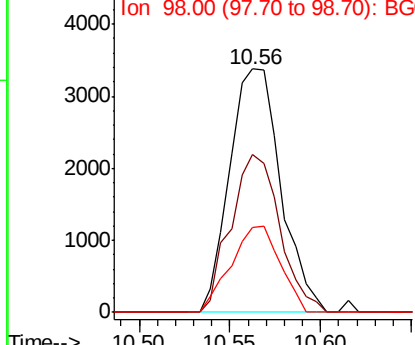
#29
 2,4-Dichlorophenol
 Concen: 1.897 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion:162 Resp: 6629
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.2 83.2
 98 35.1 16.0 56.0

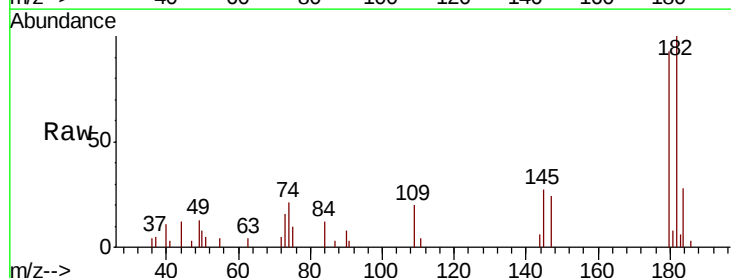


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

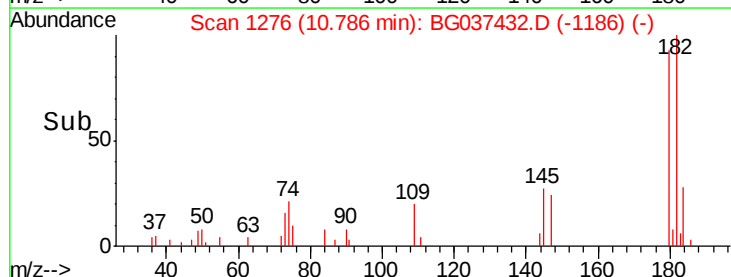
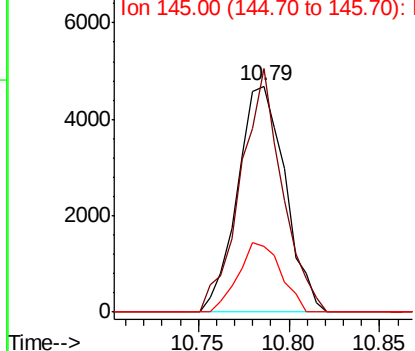


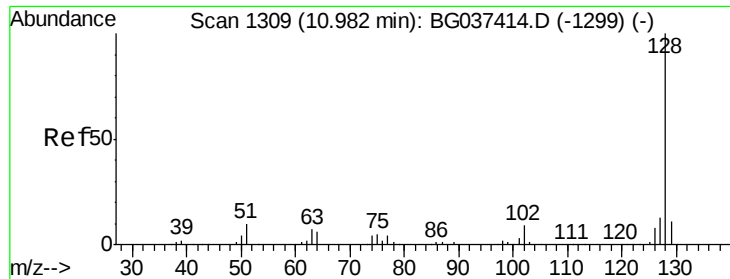
#30
 1,2,4-Trichlorobenzene
 Concen: 2.253 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:180 Resp: 8562
 Ion Ratio Lower Upper
 180 100
 182 107.7 77.7 116.5
 145 28.9 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

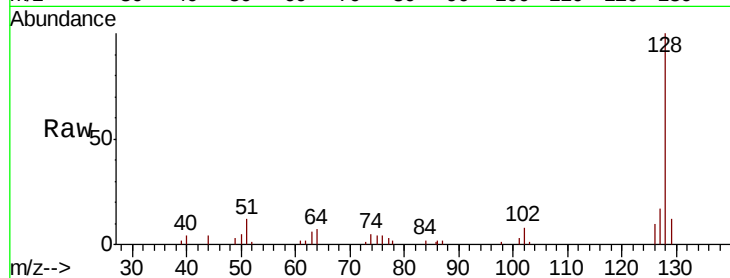




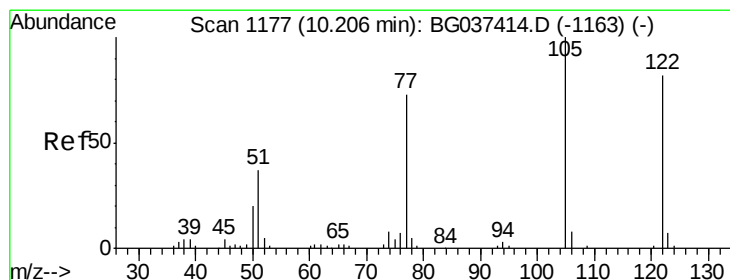
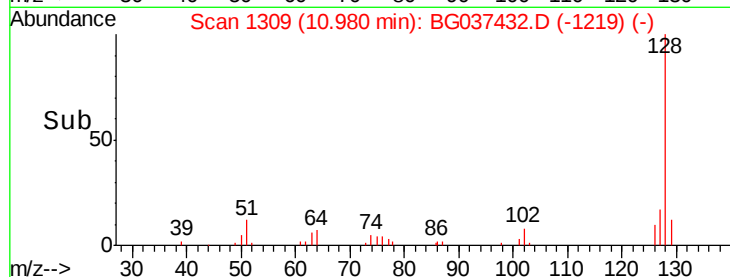
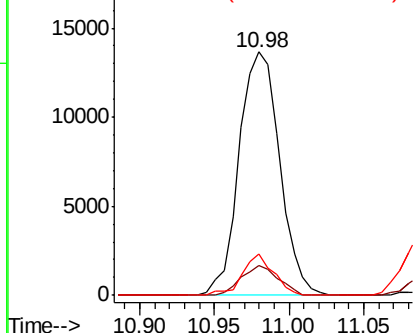
#31
Naphthalene
Concen: 2.489 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

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

Tot Ion:128 Resp: 25721
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 17.2 11.1 16.7#

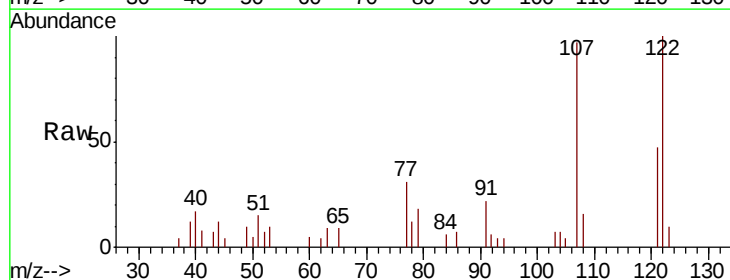


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

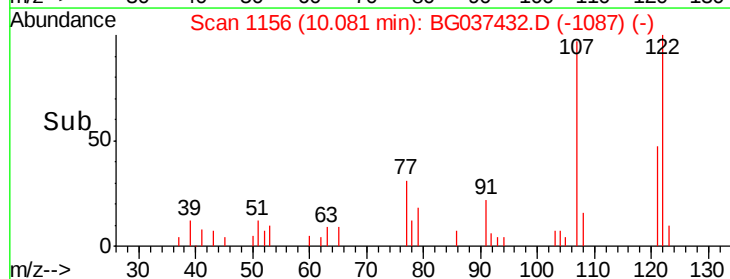
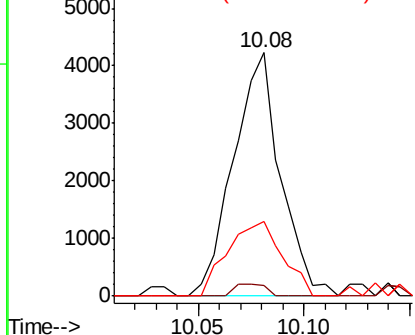


#32
Benzoic acid
Concen: 3.212 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:122 Resp: 6547
Ion Ratio Lower Upper
122 100
105 4.4 106.7 146.7#
77 30.8 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

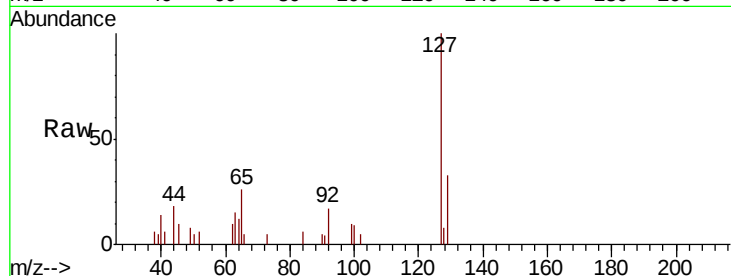




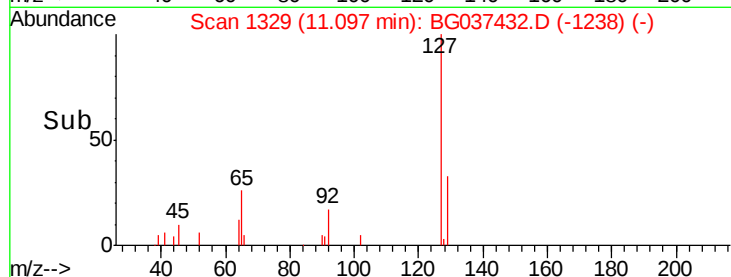
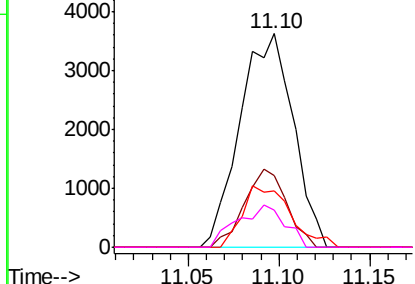
#33
4-Chloroaniline
Concen: 1.526 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

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

Tot Ion:127	Resp:	7410
Ion Ratio	Lower	Upper
127 100		
129 33.4	27.1	40.7
65 26.3	26.6	39.8#
92 17.2	16.4	24.6

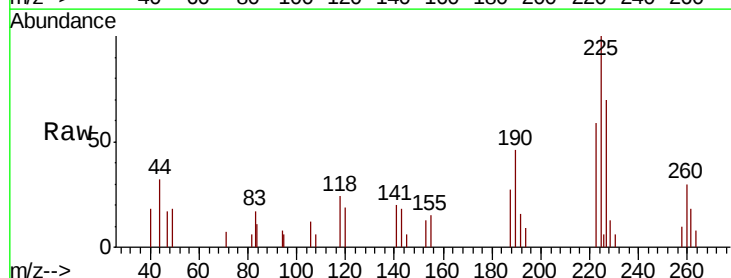


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

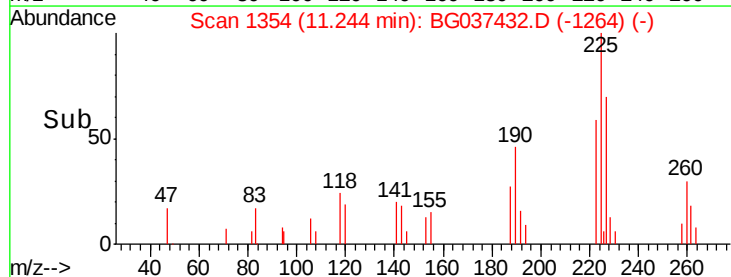
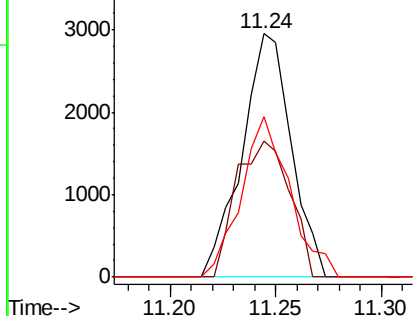


#34
Hexachlorobutadiene
Concen: 2.128 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion	225	Resp: Lower	4794 Upper
	Ratio		
225	100		
223	55.9	48.2	72.4
227	66.0	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: 1.345 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

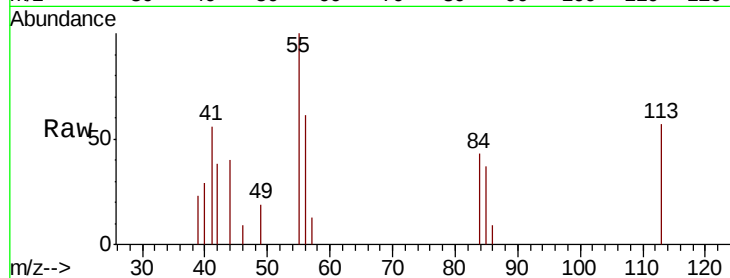
Tot Ion:113 Resp: 1885

Ion Ratio Lower Upper

113 100

55 175.4 176.6 216.6#

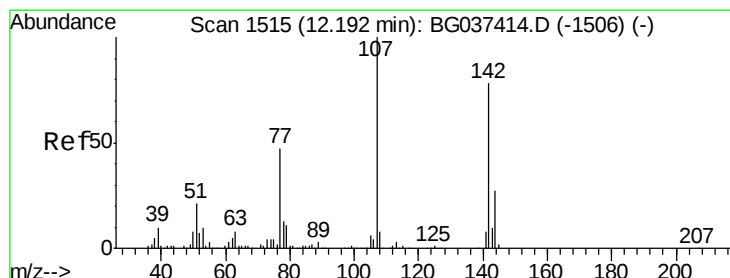
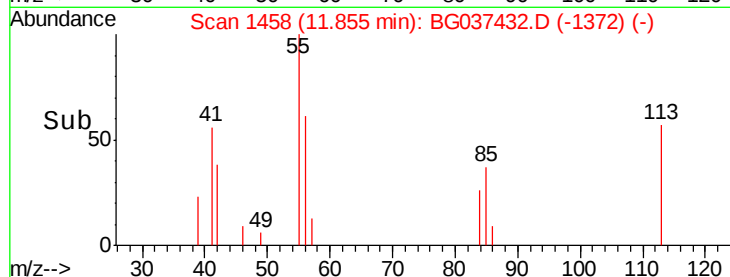
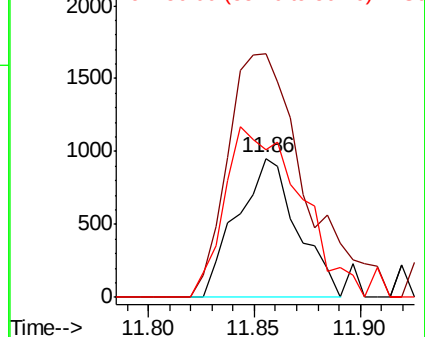
56 106.6 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 1.861 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

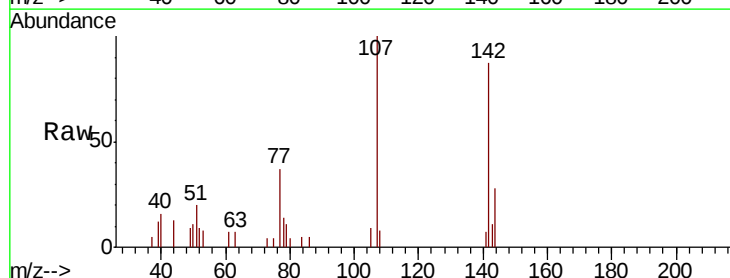
Tgt Ion:107 Resp: 7335

Ion Ratio Lower Upper

107 100

144 28.1 20.7 31.1

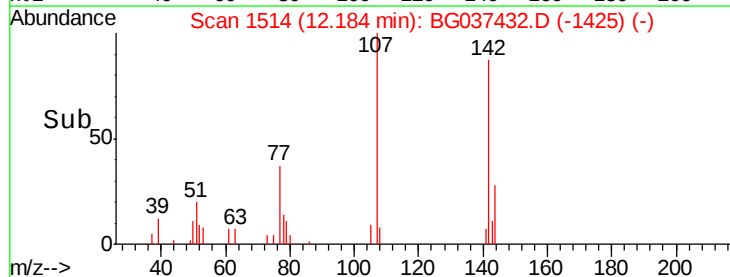
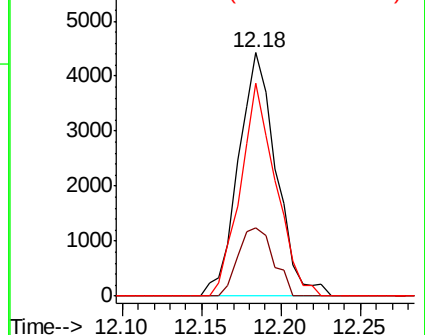
142 87.5 64.4 96.6



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

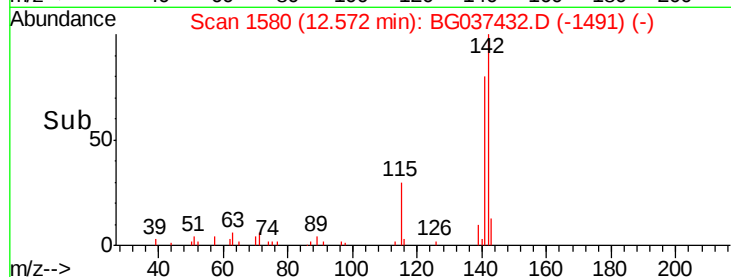
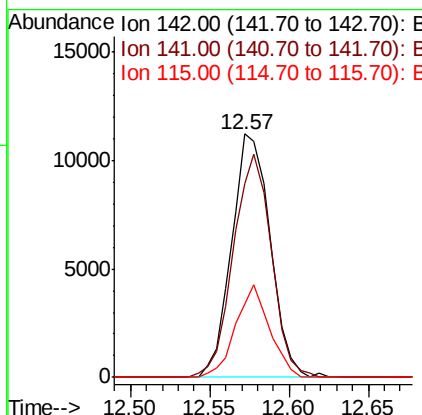
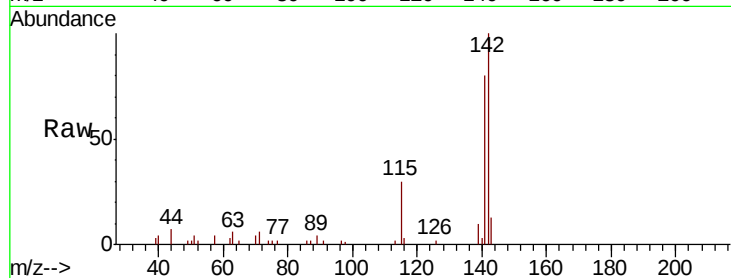




#37
 2-Methylnaphthalene
 Concen: 2.514 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

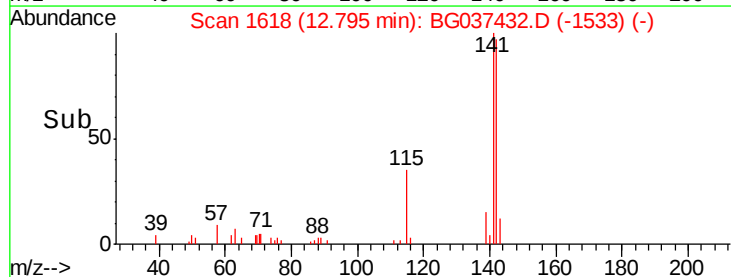
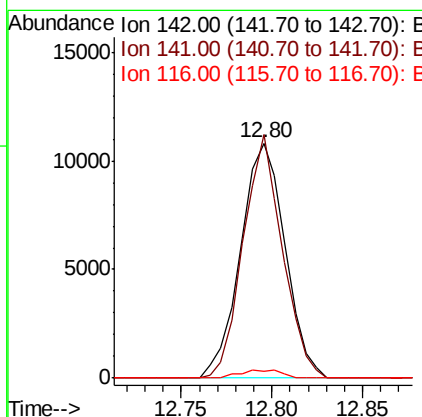
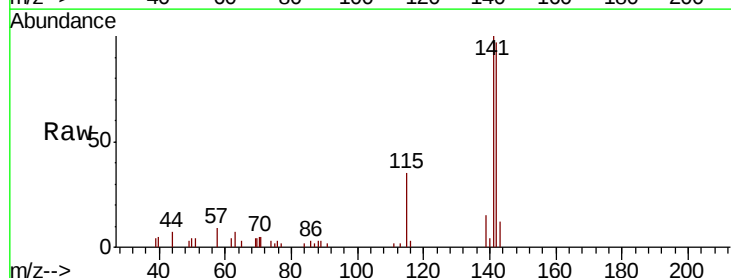
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

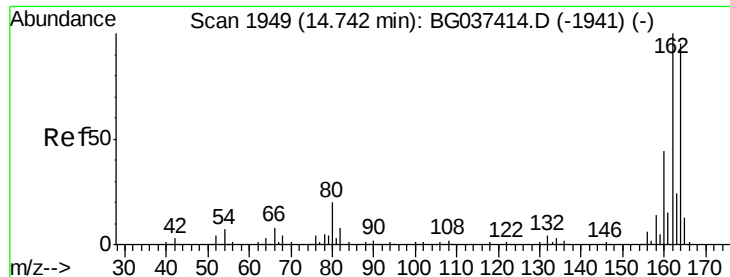
Tot Ion	Ratio	Lower	Upper
142	100		
141	79.6	71.9	107.9
115	30.0	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 2.522 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	103.5	75.2	112.8
116	2.7	3.3	4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

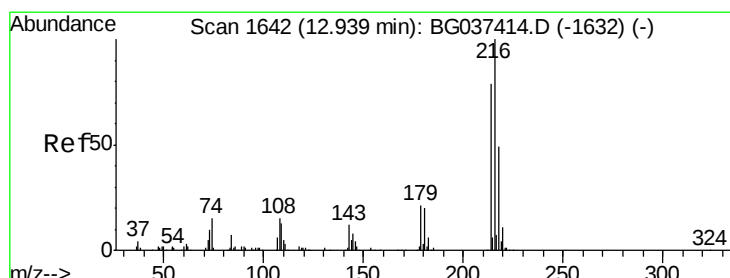
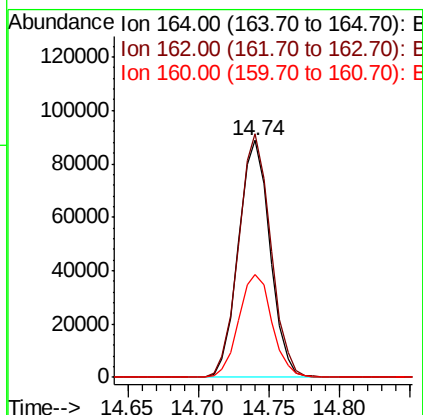
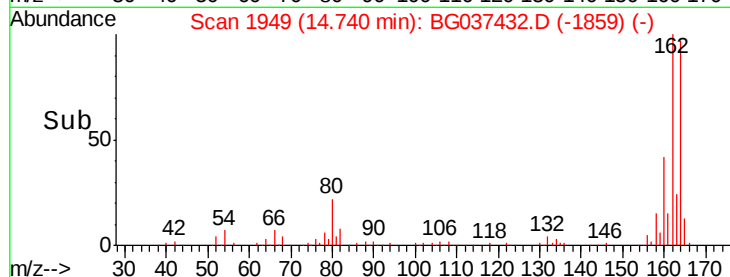
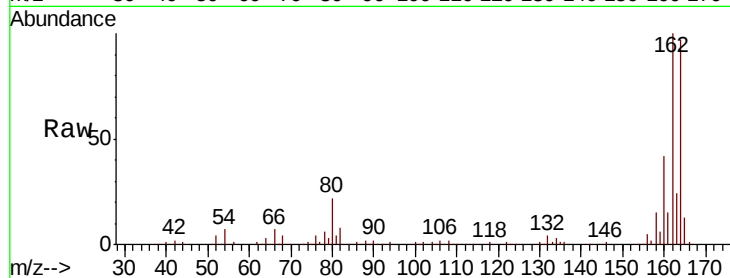
Tot Ion:164 Resp: 138707

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 43.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.135 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Tgt Ion:216 Resp: 9550

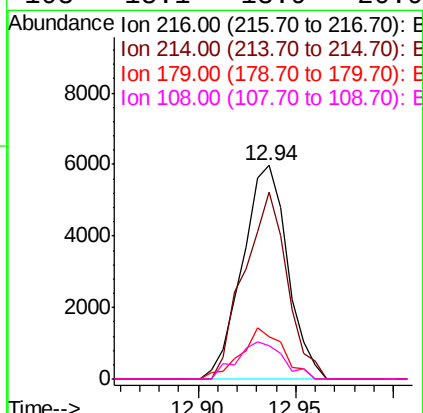
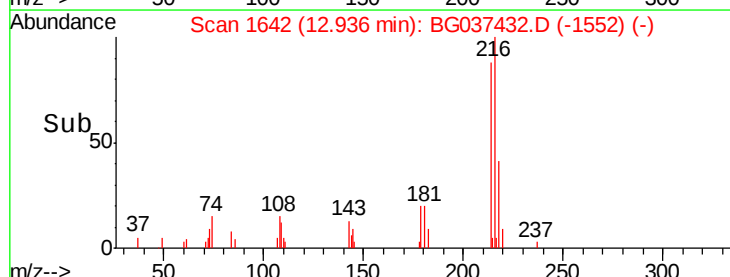
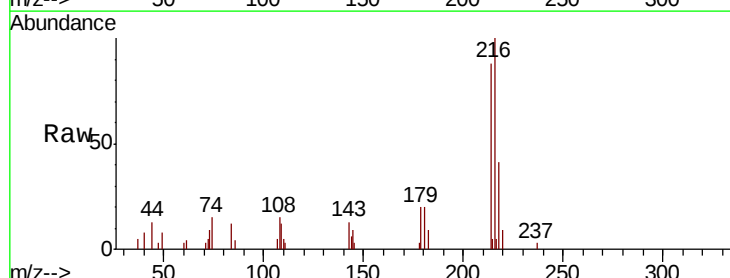
Ion Ratio Lower Upper

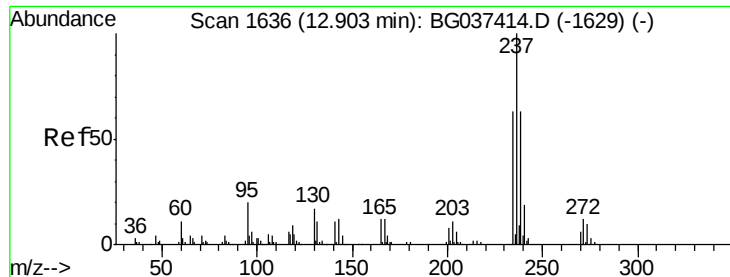
216 100

214 83.5 63.8 95.6

179 22.2 17.4 26.0

108 18.1 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 1.894 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

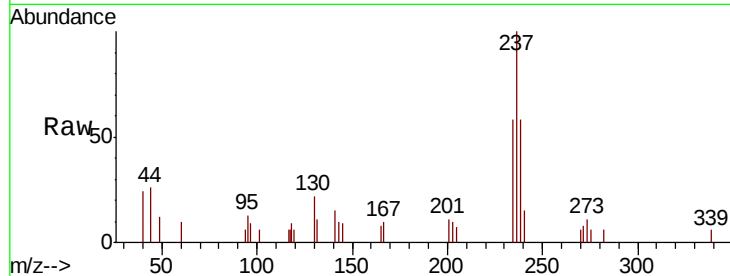
Tot Ion:237 Resp: 4048

Ion Ratio Lower Upper

237 100

235 58.0 42.5 82.5

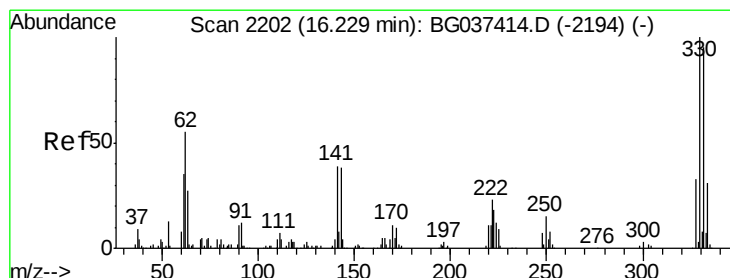
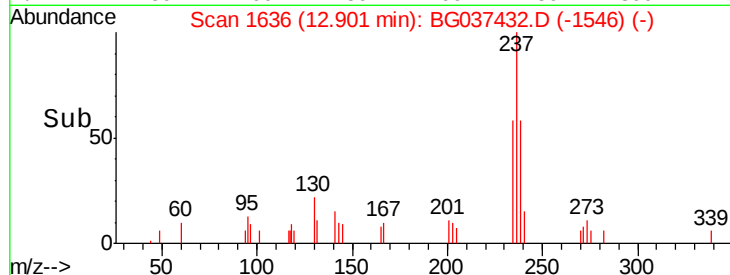
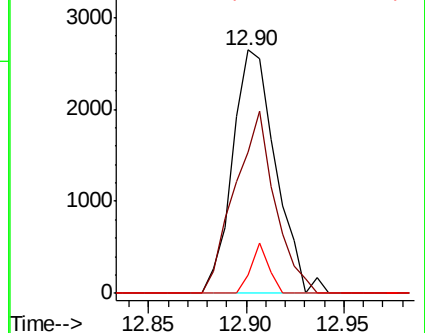
272 7.6 0.0 31.6



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: 152.754 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

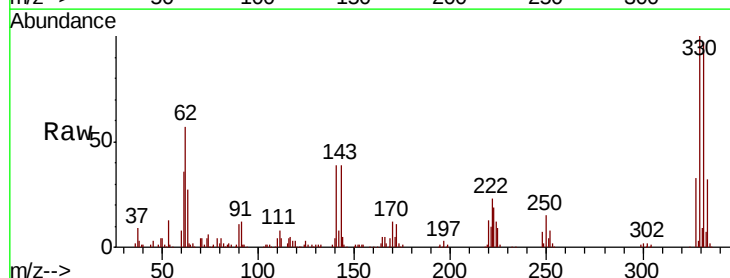
Tgt Ion:330 Resp: 231096

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

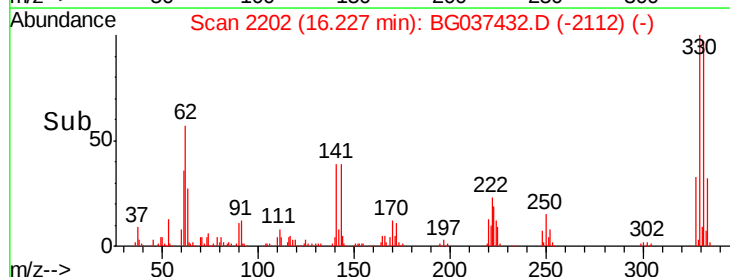
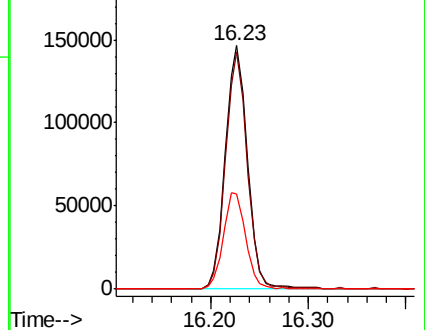
141 40.0 32.2 48.2



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

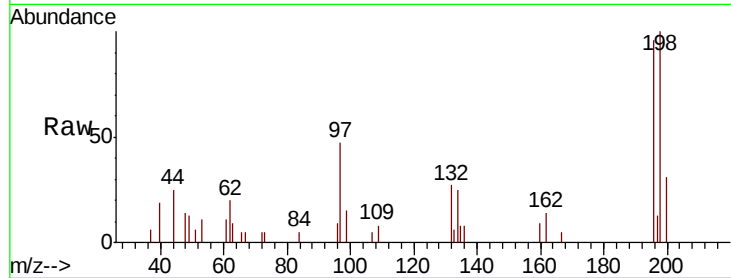




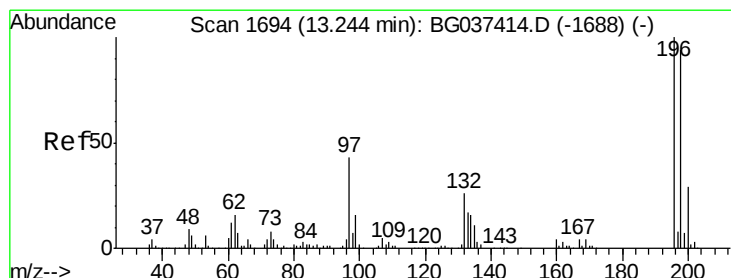
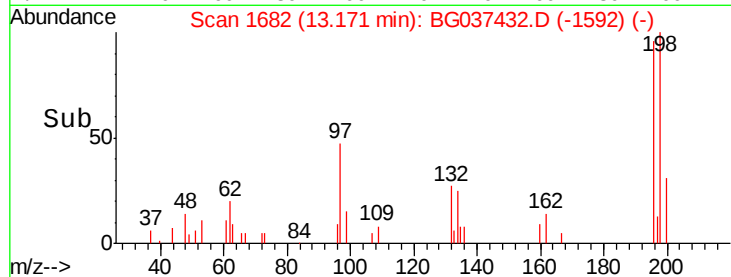
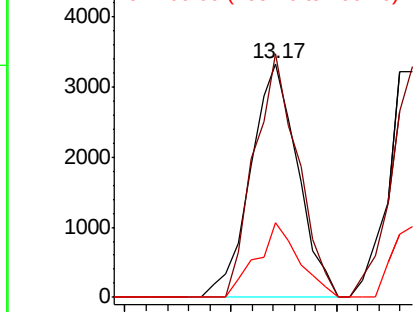
#43
 2,4,6-Trichlorophenol
 Concen: 1.725 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion:196 Resp: 5157
 Ion Ratio Lower Upper
 196 100
 198 104.3 76.4 114.6
 200 32.2 24.9 37.3

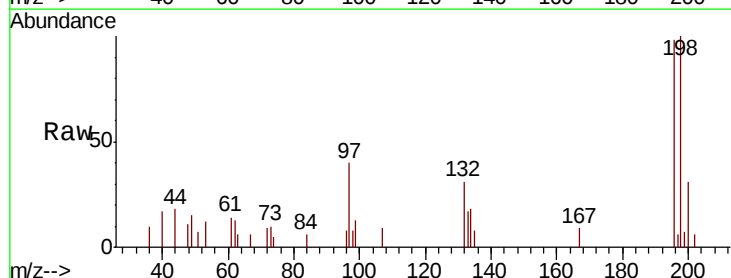


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

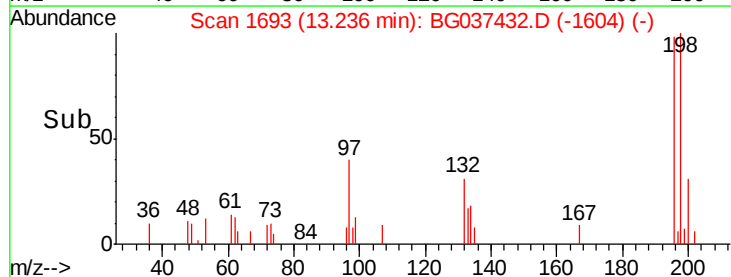
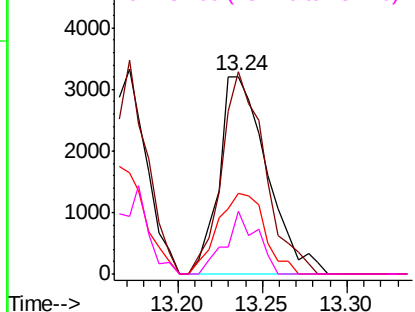


#44
 2,4,5-Trichlorophenol
 Concen: 1.948 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:196 Resp: 6340
 Ion Ratio Lower Upper
 196 100
 198 102.2 74.2 111.2
 97 40.9 34.1 51.1
 132 31.6 20.2 30.4#



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

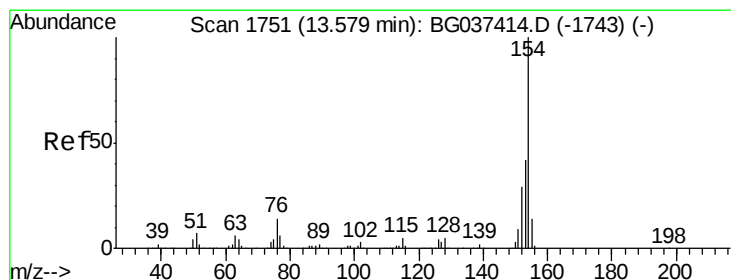
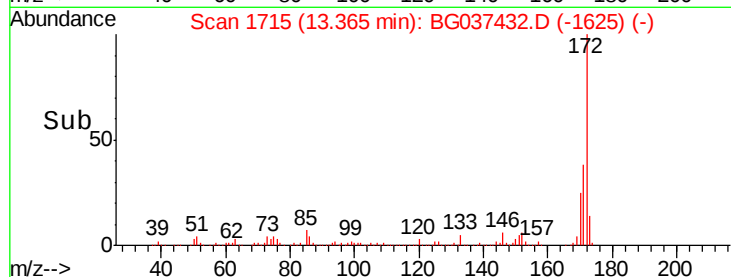
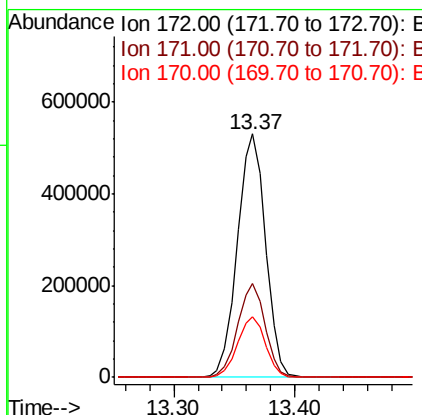
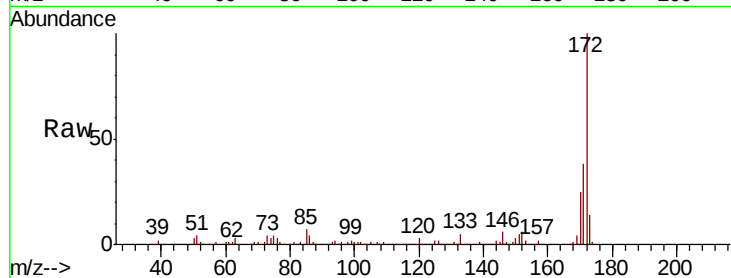




#45
2-Fluorobiphenyl
Concen: 93.760 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

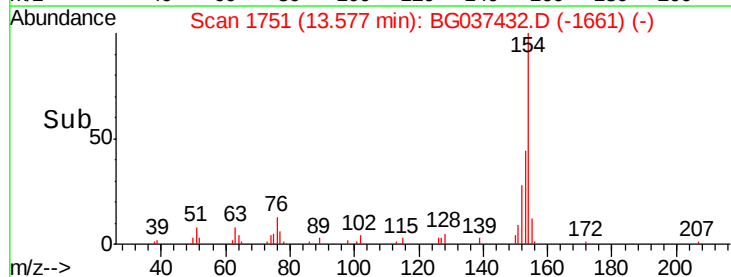
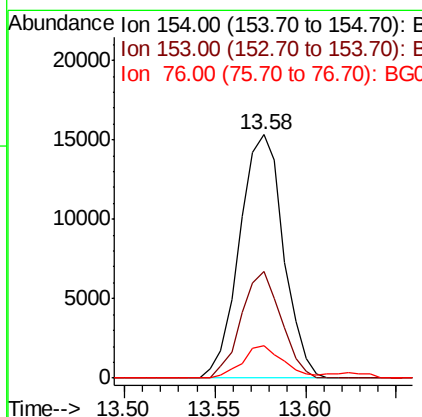
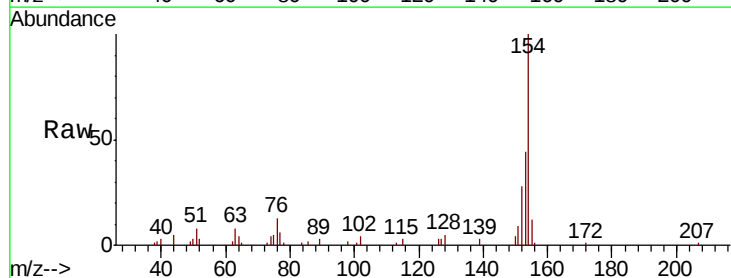
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

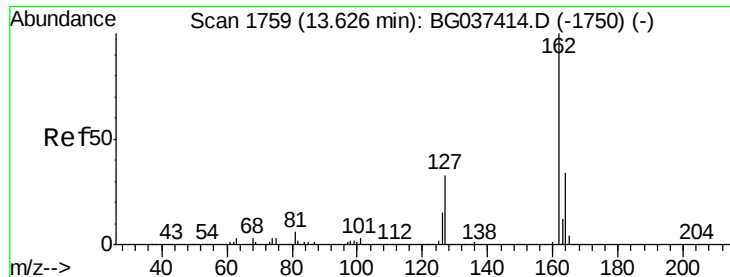
Tot Ion:172 Resp: 862440
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 2.238 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:154 Resp: 25706
Ion Ratio Lower Upper
154 100
153 43.9 22.1 62.1
76 13.5 0.0 33.2

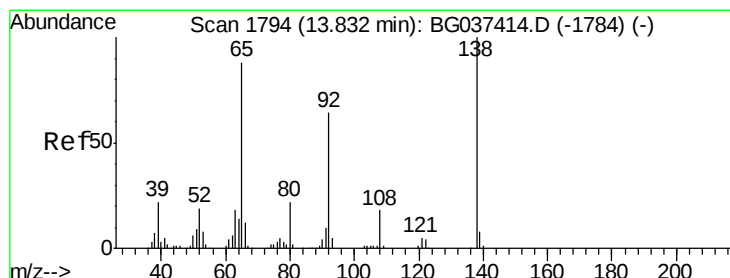
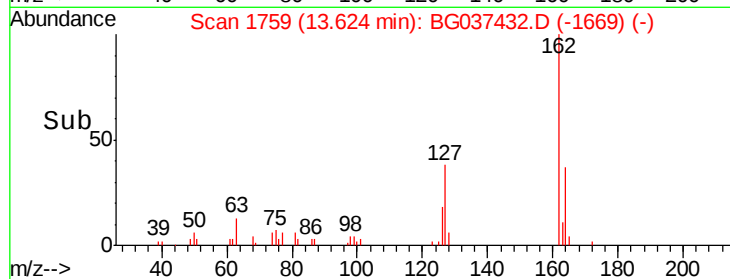
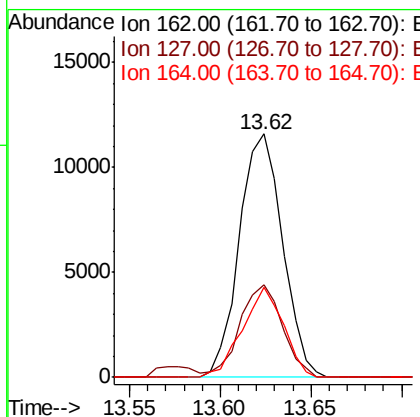
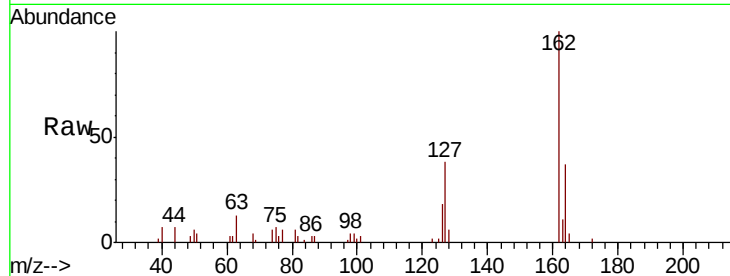




#47
 2-Chloronaphthalene
 Concen: 2.213 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

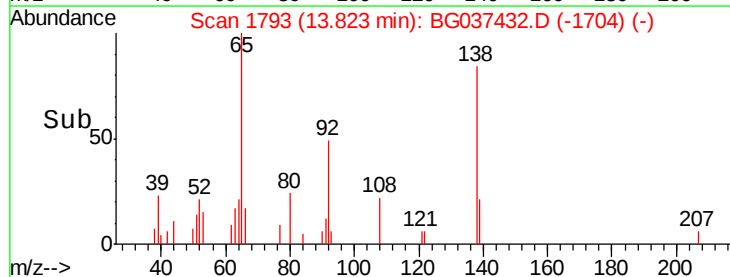
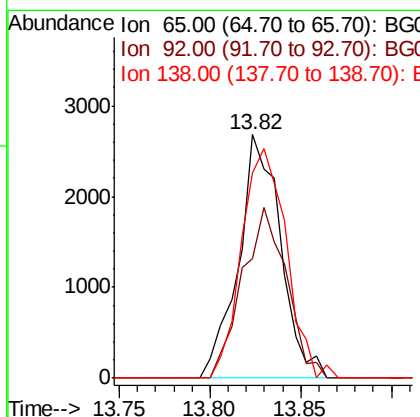
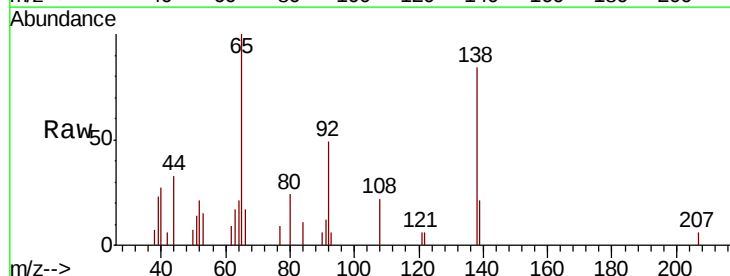
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

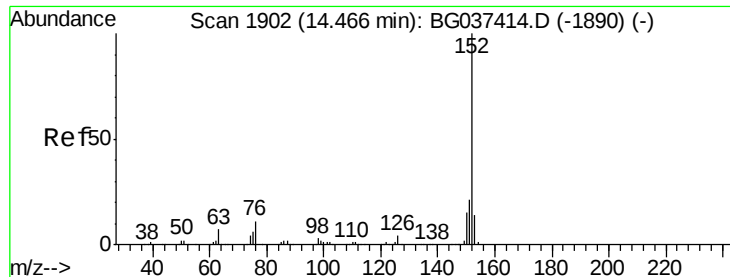
Tot Ion:	162	Resp:	19233
Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	36.9	26.4	39.6



#48
 2-Nitroaniline
 Concen: 1.646 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:	65	Resp:	4338
Ion	Ratio	Lower	Upper
65	100		
92	49.0	53.2	79.8#
138	84.1	79.3	118.9





#49

Acenaphthylene

Concen: 2.390 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

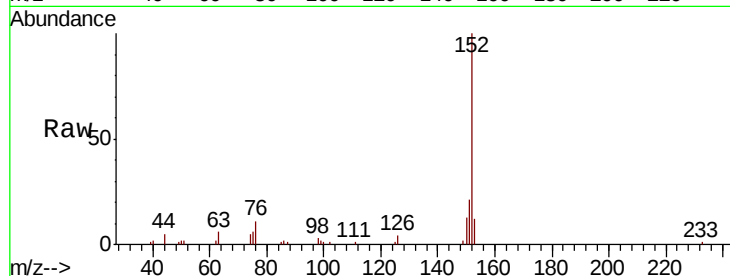
Tot Ion:152 Resp: 31245

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

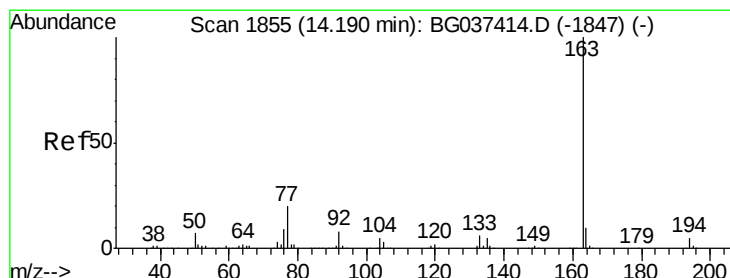
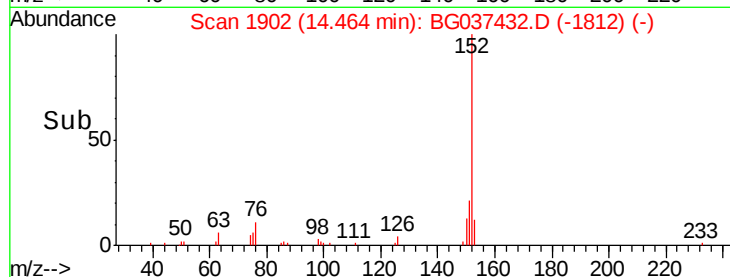
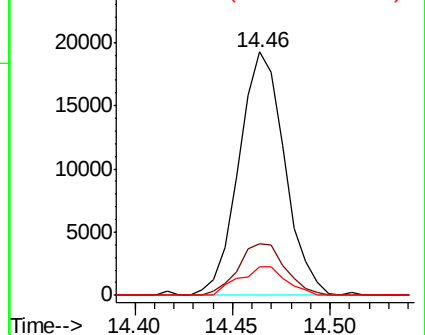
153 12.0 11.1 16.7



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: 2.270 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

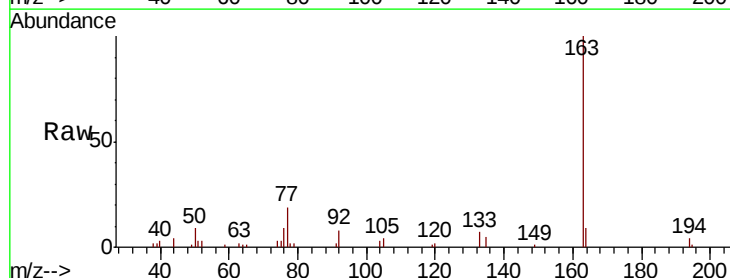
Tgt Ion:163 Resp: 24363

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

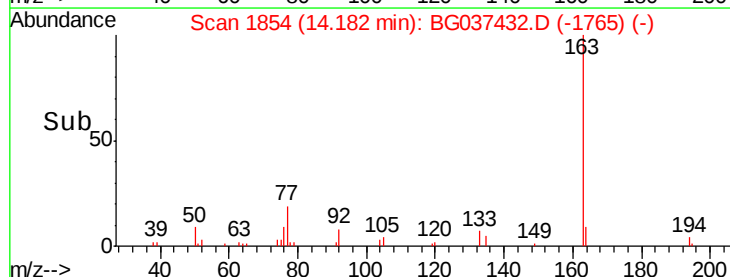
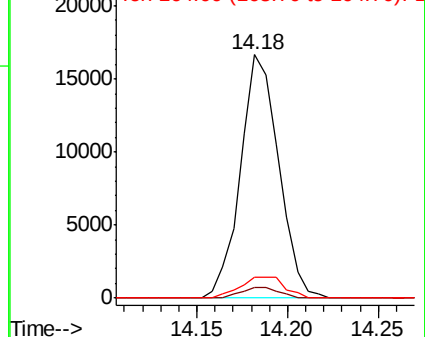
164 8.7 8.5 12.7



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: 1.873 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

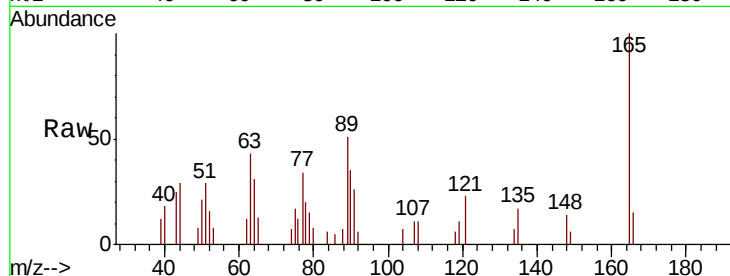
Tot Ion:165 Resp: 4446

Ion Ratio Lower Upper

165 100

63 43.1 43.4 65.2#

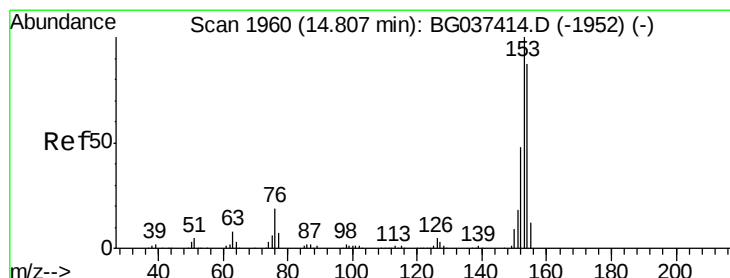
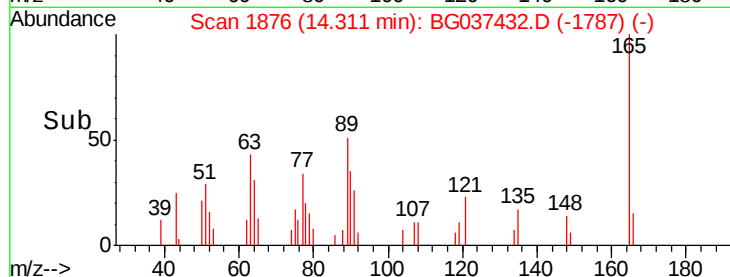
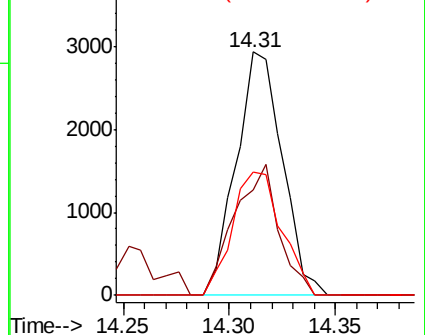
89 50.6 45.8 68.6



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: 2.291 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

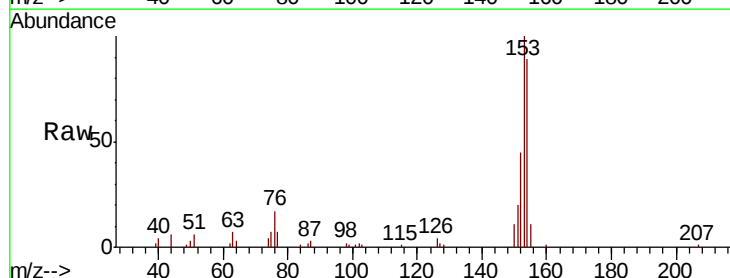
Tgt Ion:154 Resp: 18445

Ion Ratio Lower Upper

154 100

153 112.5 93.4 140.0

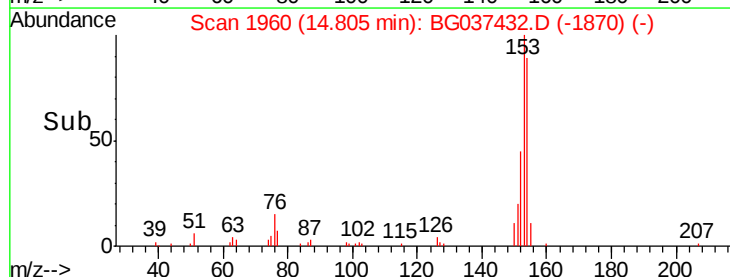
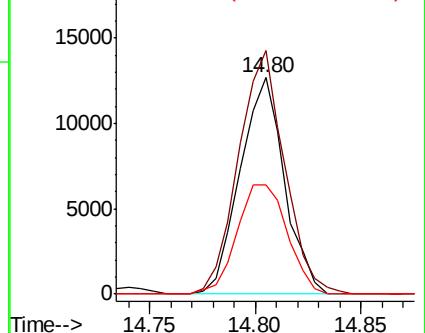
152 50.3 44.7 67.1



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: 1.628 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

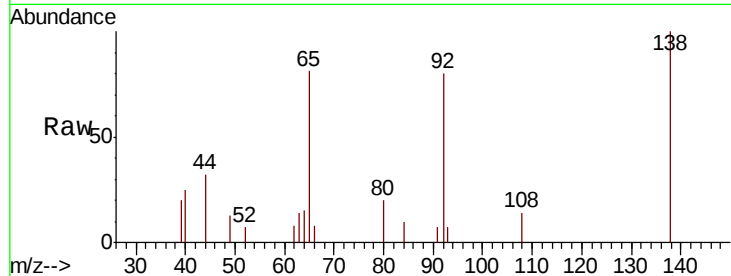
Tot Ion:138 Resp: 4291

Ion Ratio Lower Upper

138 100

108 14.0 11.0 16.6

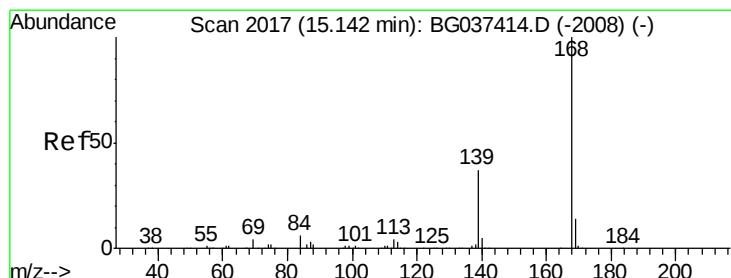
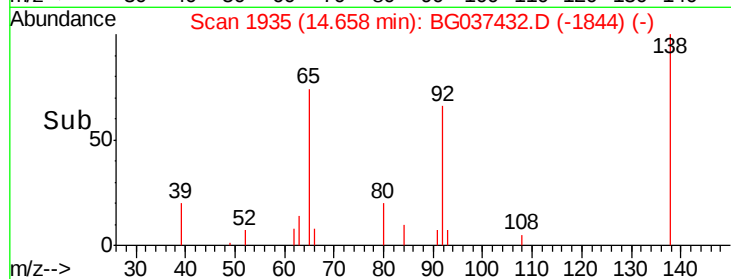
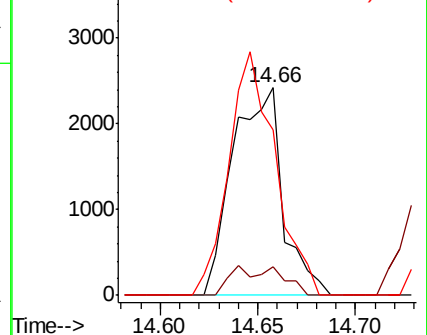
92 79.9 95.2 142.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#55

Dibenzofuran

Concen: 2.375 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

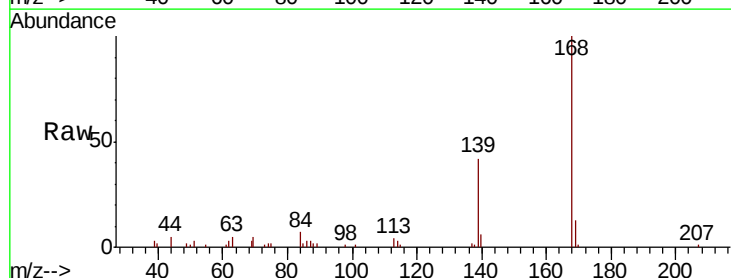
Tgt Ion:168 Resp: 31683

Ion Ratio Lower Upper

168 100

139 41.9 29.4 44.0

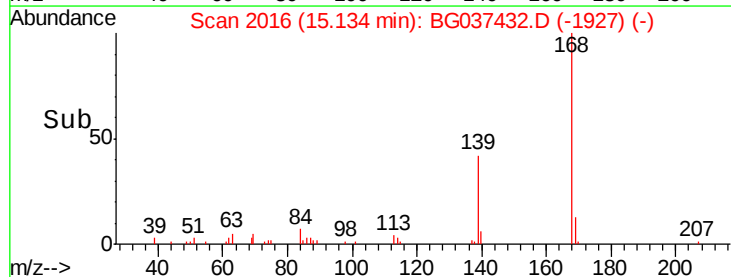
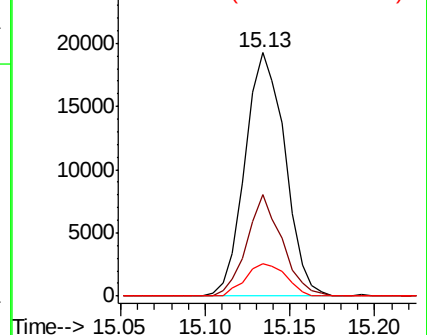
169 13.3 11.0 16.6

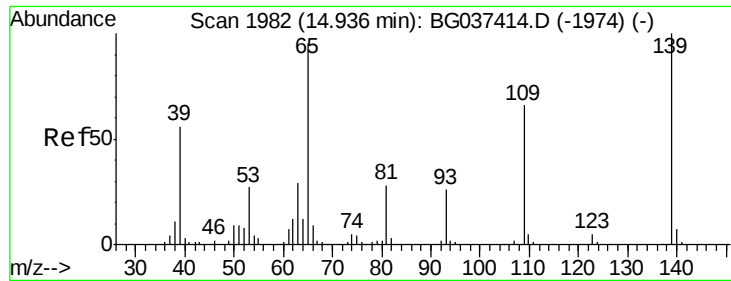


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

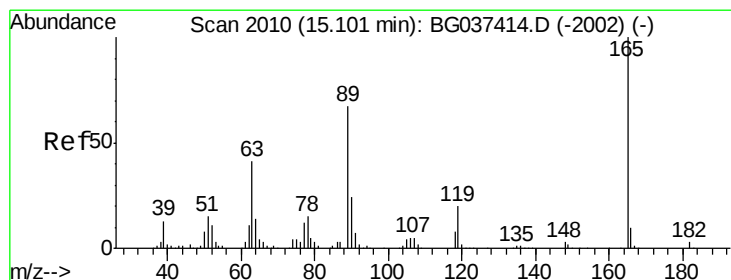
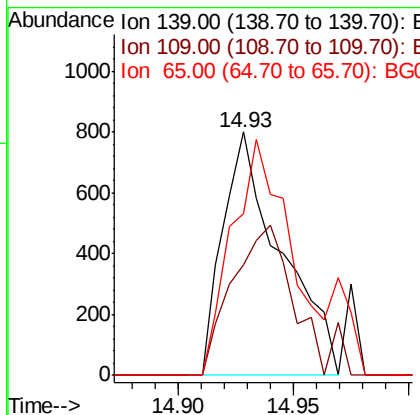
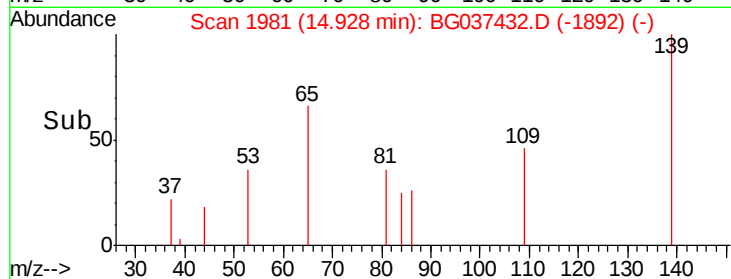
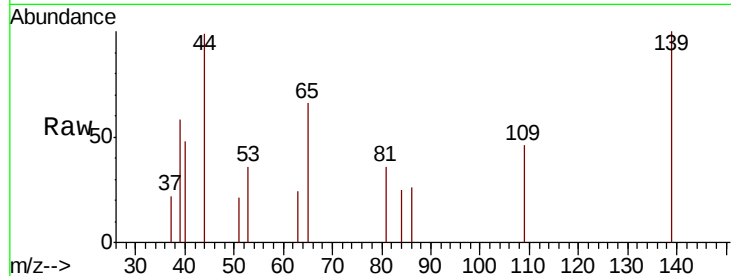




#56
4-Nitrophenol
Concen: 0.714 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

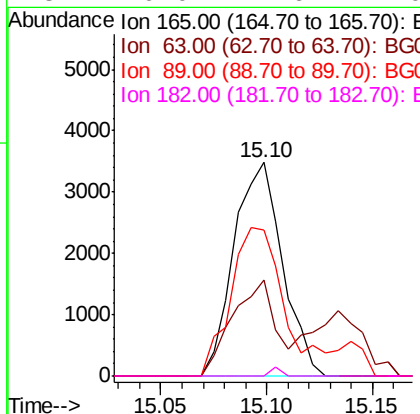
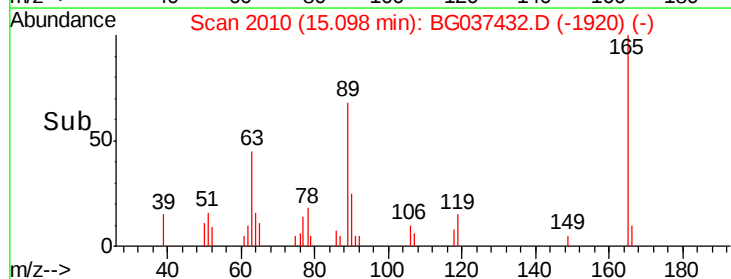
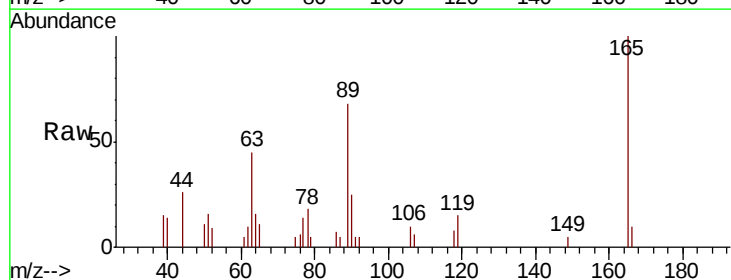
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

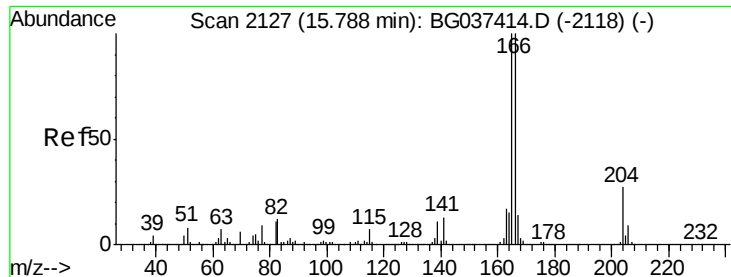
Tot Ion:139 Resp: 1393
Ion Ratio Lower Upper
139 100
109 45.6 49.5 89.5#
65 66.4 76.8 116.8#



#57
2,4-Dinitrotoluene
Concen: 1.772 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:165 Resp: 5523
Ion Ratio Lower Upper
165 100
63 44.8 33.4 50.0
89 68.4 57.2 85.8
182 0.0 2.6 4.0#





#58

Fluorene

Concen: 2.470 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

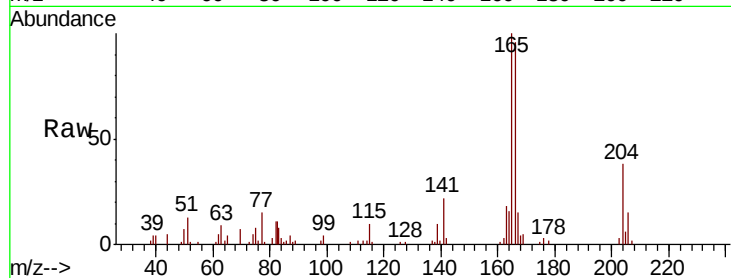
Tot Ion:166 Resp: 24671

Ion Ratio Lower Upper

166 100

165 104.7 79.0 118.6

167 15.8 11.3 16.9

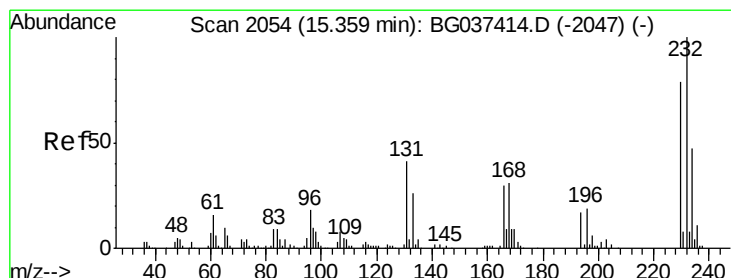
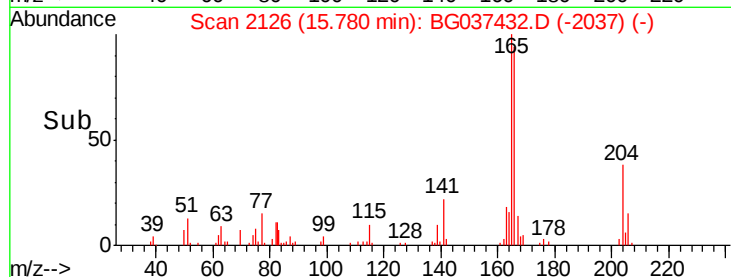
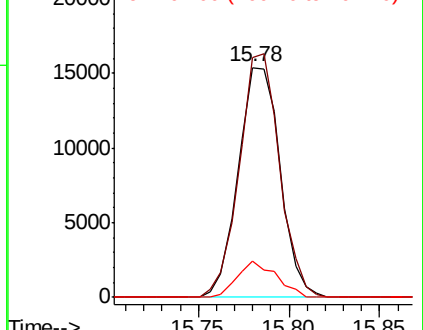


Abundance

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: 1.656 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Tgt Ion:232 Resp: 4614

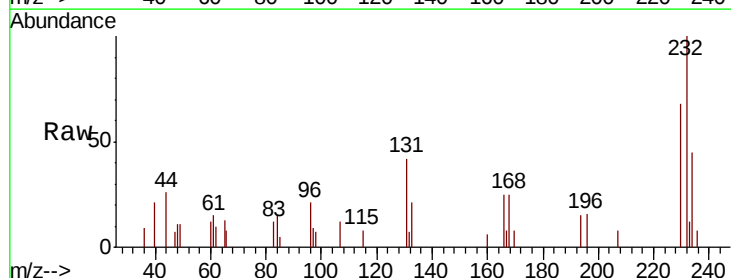
Ion Ratio Lower Upper

232 100

131 42.5 33.7 50.5

130 0.0 2.1 3.1#

166 24.8 24.6 36.8



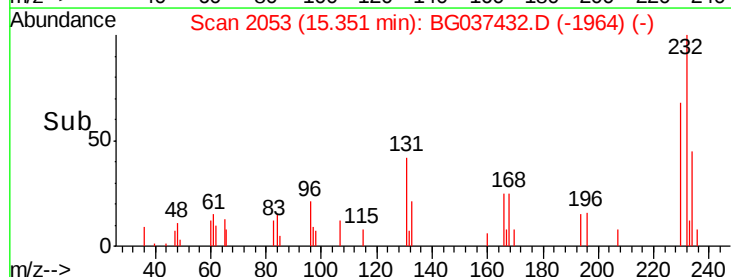
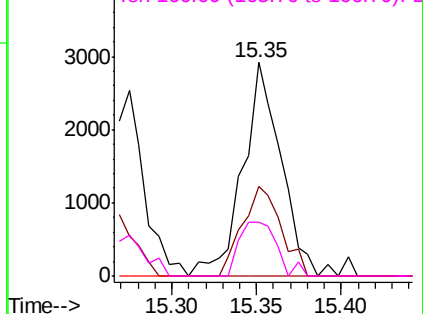
Abundance

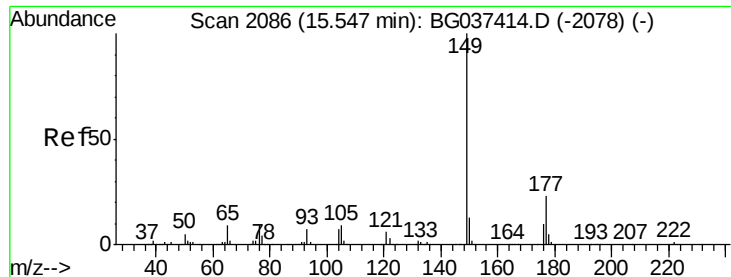
Ion 232.00 (231.70 to 232.70): E

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

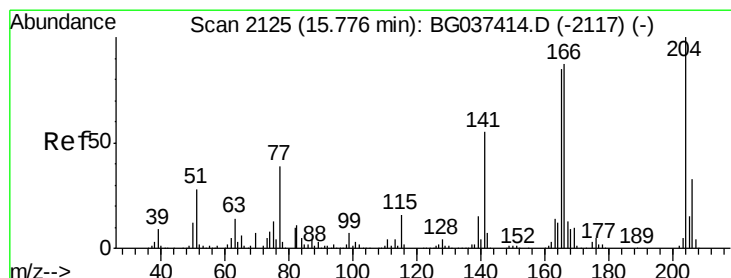
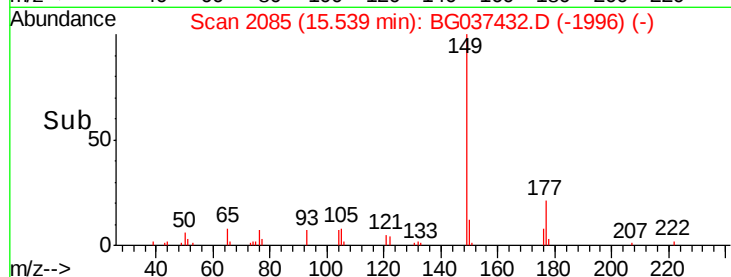
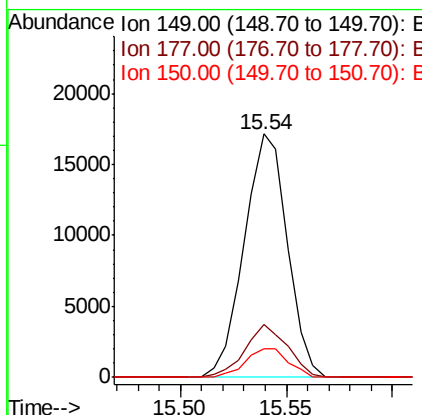
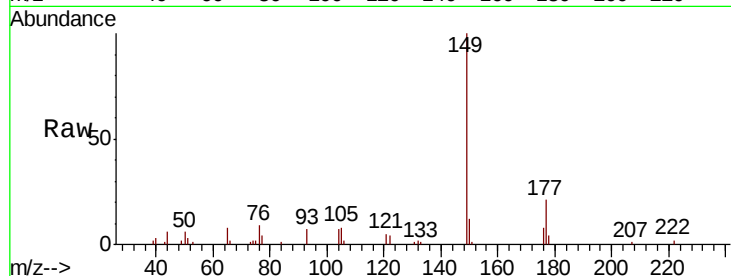




#60
Diethylphthalate
Concen: 2.201 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

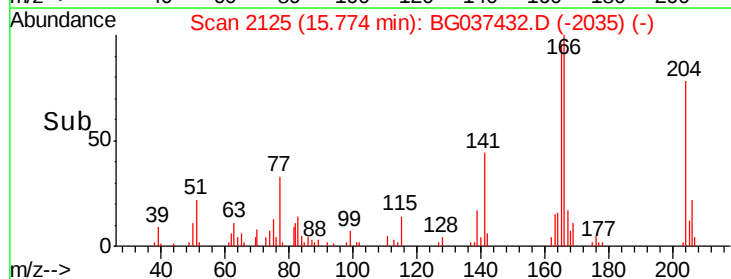
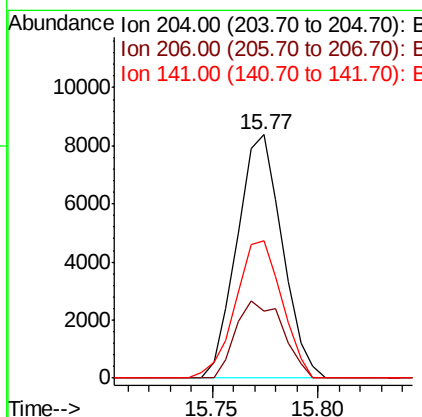
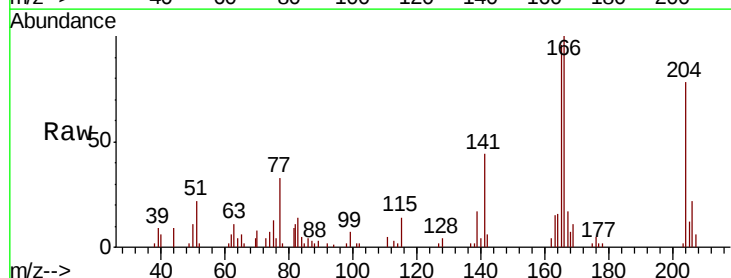
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

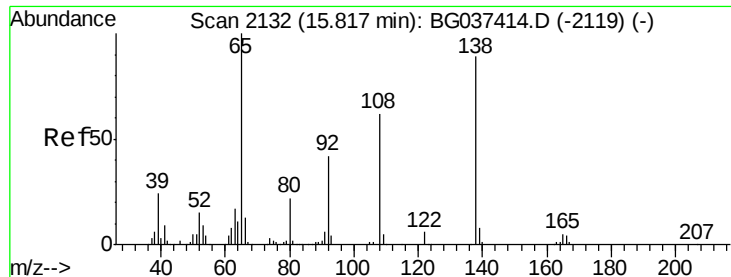
Tot Ion:149 Resp: 24250
Ion Ratio Lower Upper
149 100
177 21.5 18.3 27.5
150 11.8 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 2.139 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:204 Resp: 12454
Ion Ratio Lower Upper
204 100
206 27.6 26.6 39.8
141 56.3 45.4 68.2

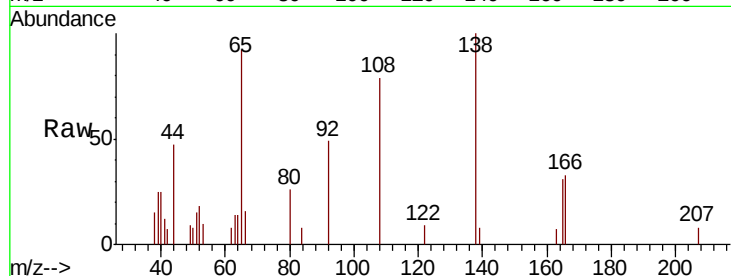




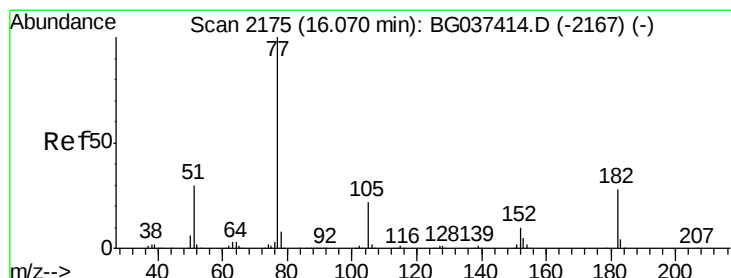
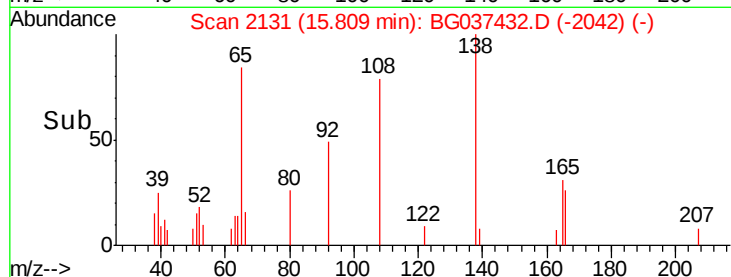
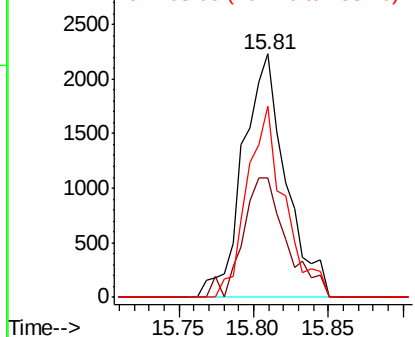
#62
4-Nitroaniline
Concen: 1.697 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

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

Tot Ion:138 Resp: 4444
Ion Ratio Lower Upper
138 100
92 48.8 36.4 76.4
108 78.5 60.1 100.1

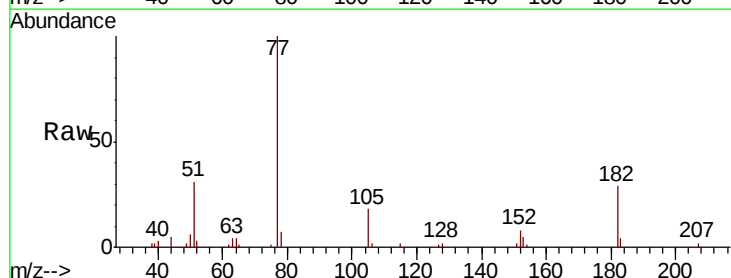


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

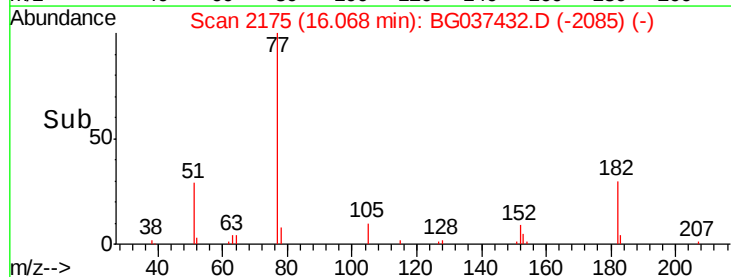
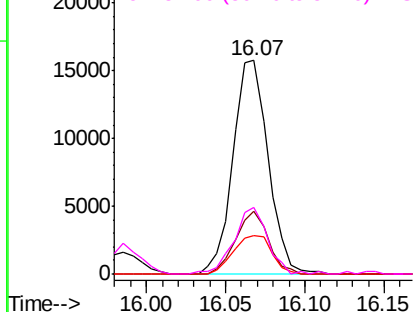


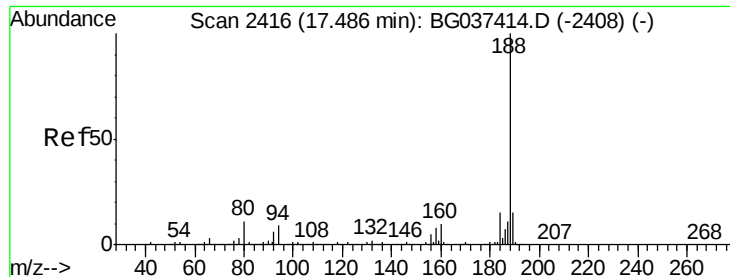
#63
Azobenzene
Concen: 2.305 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion: 77 Resp: 24232
Ion Ratio Lower Upper
77 100
182 29.1 8.0 48.0
105 18.0 1.3 41.3
51 31.4 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

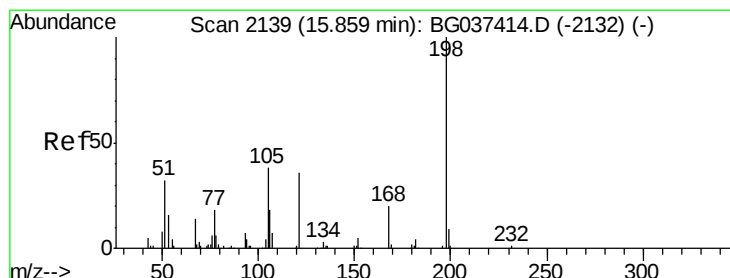
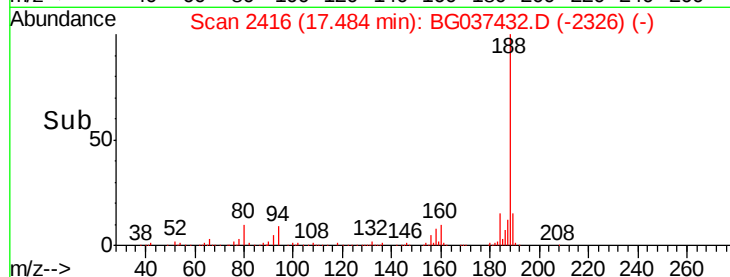
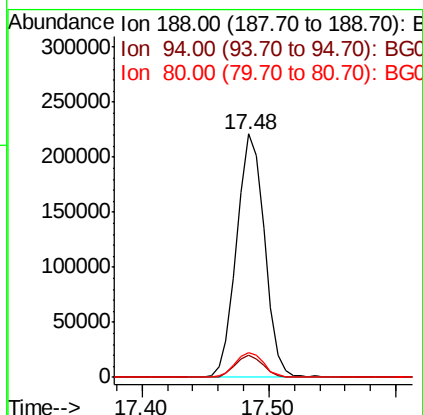
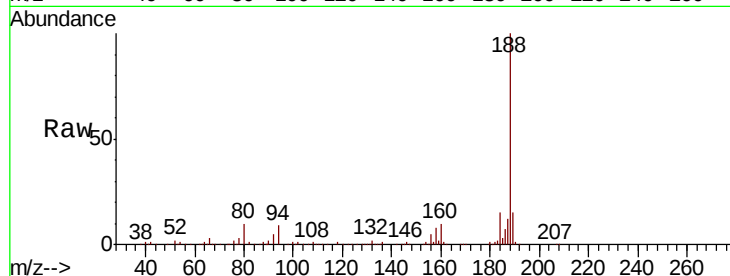




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

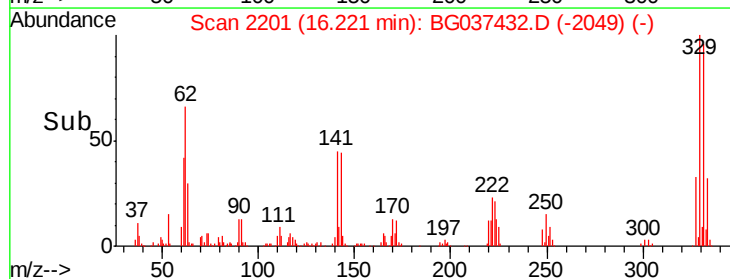
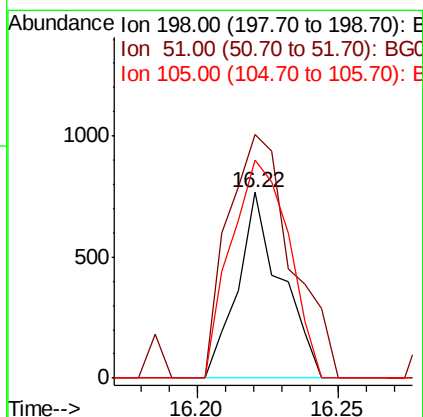
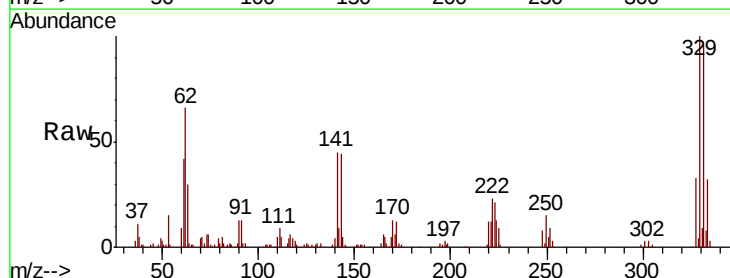
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

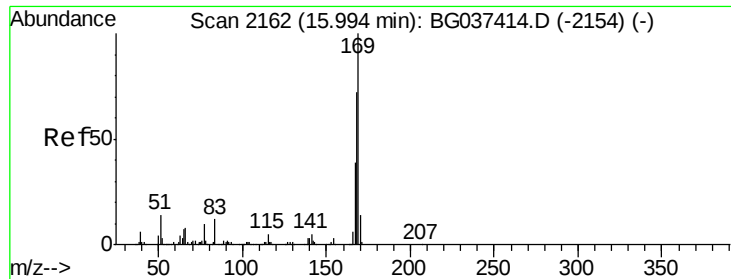
Tot Ion:188 Resp: 337254
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.889 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:198 Resp: 821
Ion Ratio Lower Upper
198 100
51 31.9 22.7 62.7
105 28.6 19.7 59.7

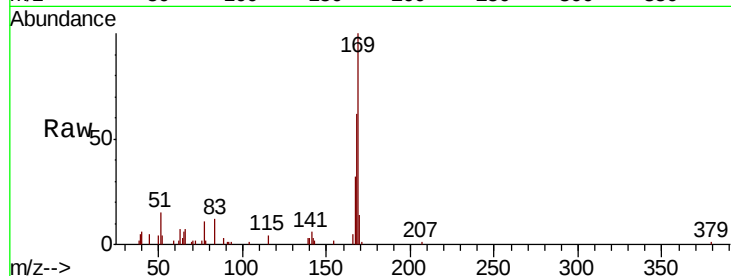




#66
 n-Nitrosodiphenylamine
 Concen: 2.131 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.4	55.7	83.5
167	32.4	31.3	46.9

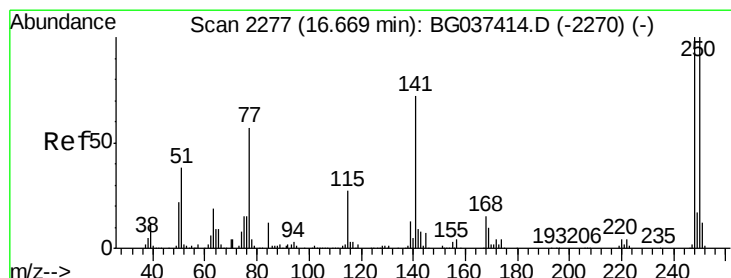
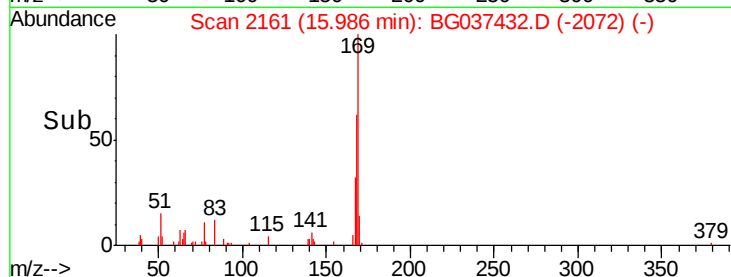
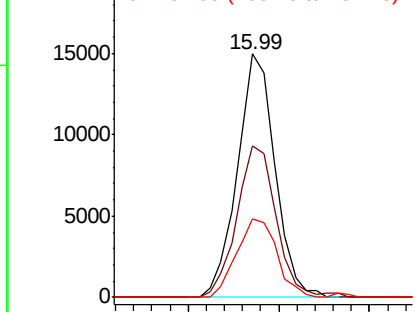


Abundance

Ion 169.00 (168.70 to 169.70): E

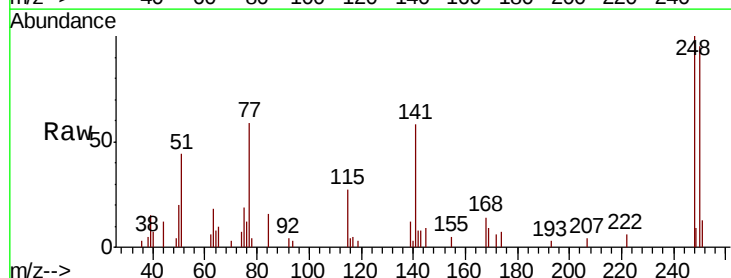
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 2.098 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.6
141	58.2	55.5	83.3

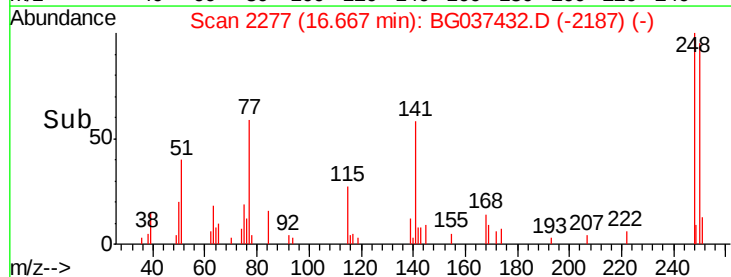
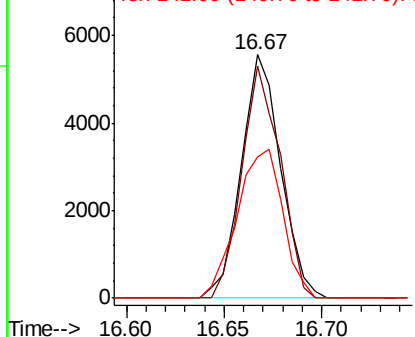


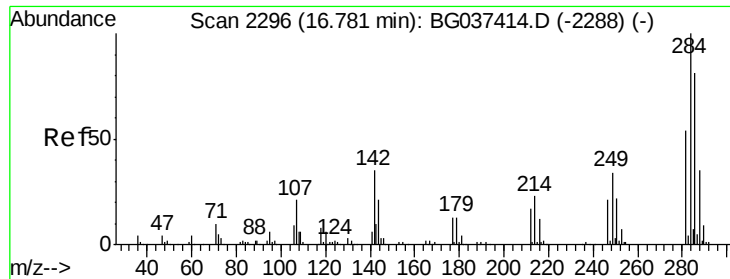
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 2.244 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

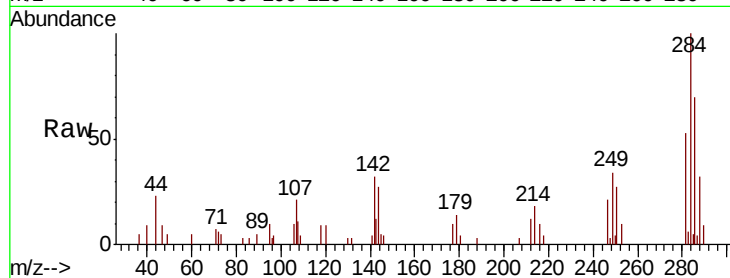
Tot Ion:284 Resp: 8614

Ion Ratio Lower Upper

284 100

142 32.4 28.1 42.1

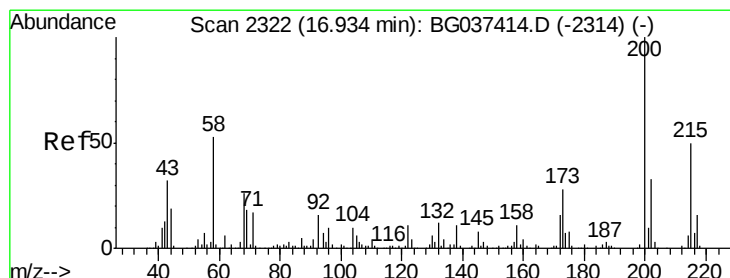
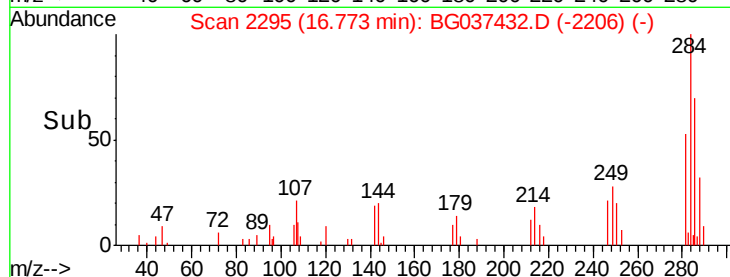
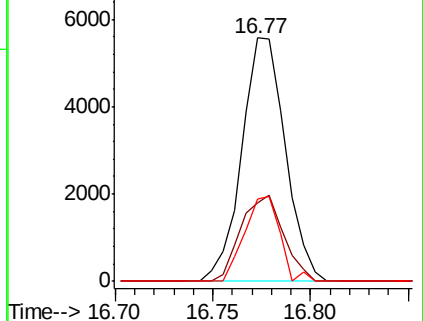
249 37.7 29.8 44.8



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: 1.937 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

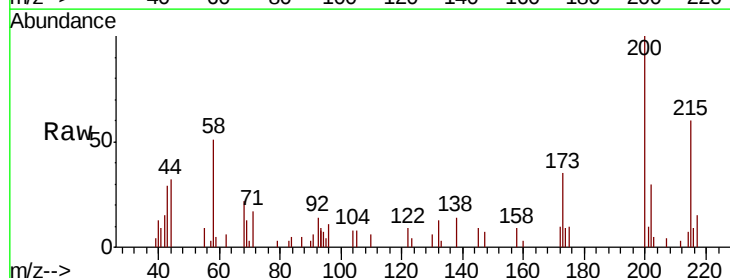
Tgt Ion:200 Resp: 7103

Ion Ratio Lower Upper

200 100

173 35.1 6.1 46.1

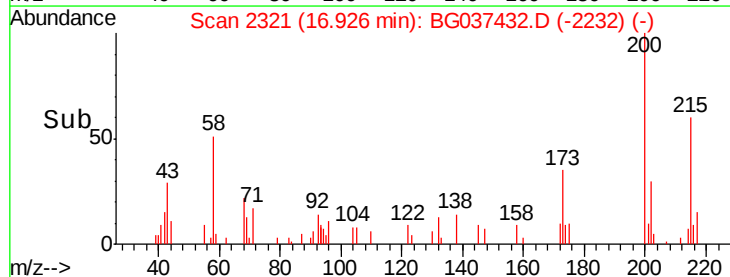
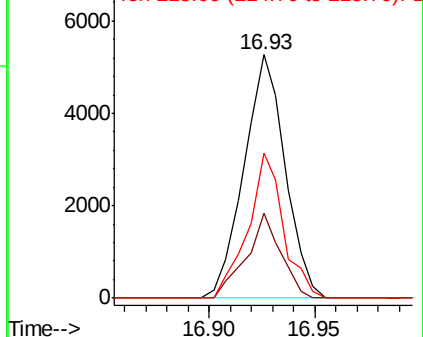
215 59.7 30.8 70.8

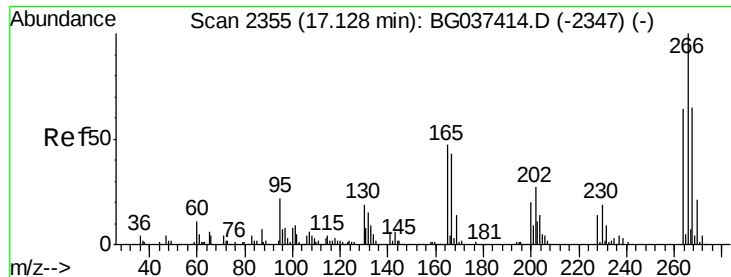


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 0.456 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

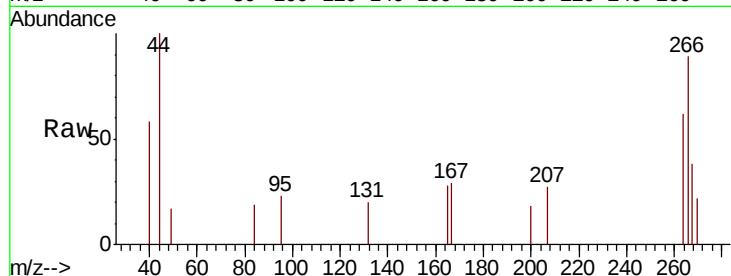
Tot Ion:266 Resp: 1172

Ion Ratio Lower Upper

266 100

268 42.9 55.0 82.6#

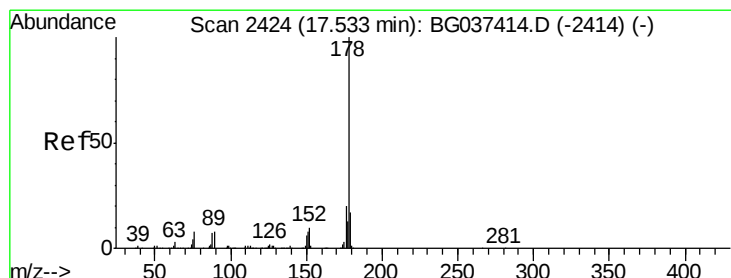
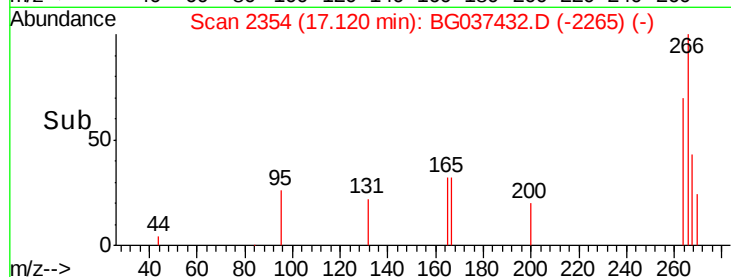
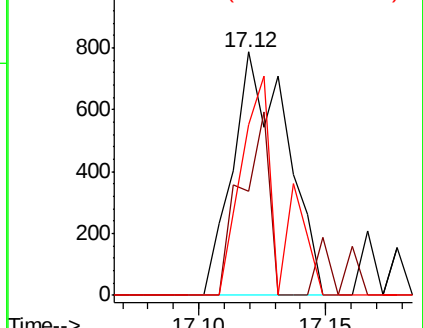
264 69.9 58.9 88.3



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: 2.550 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

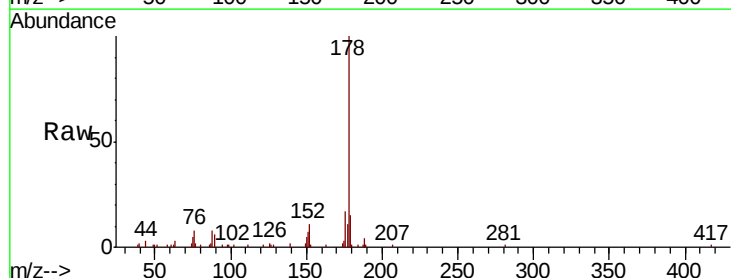
Tgt Ion:178 Resp: 43707

Ion Ratio Lower Upper

178 100

176 17.3 16.1 24.1

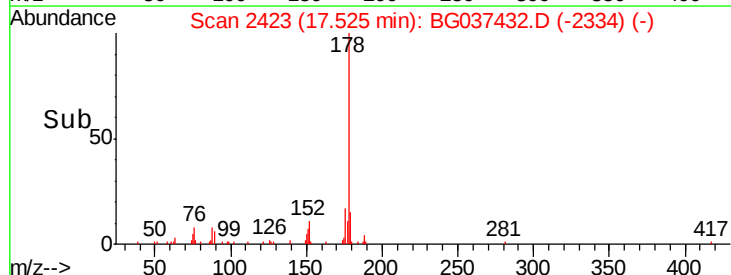
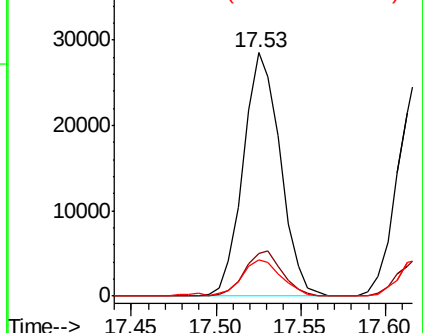
179 14.8 13.0 19.4

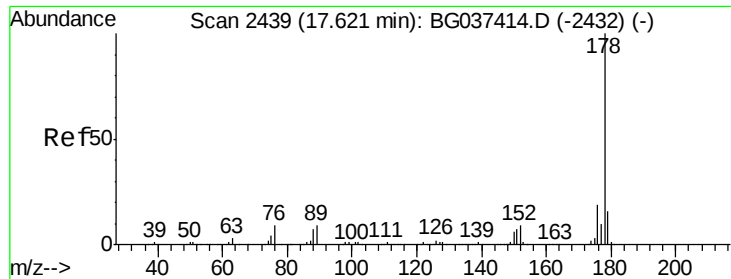


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.496 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

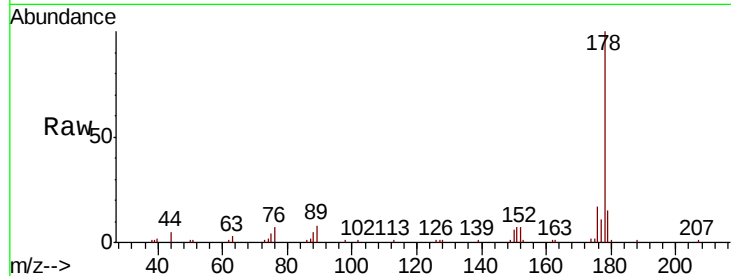
Tot Ion:178 Resp: 41981

Ion Ratio Lower Upper

178 100

176 16.9 15.0 22.4

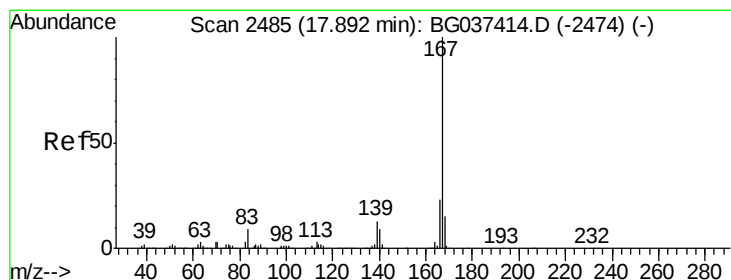
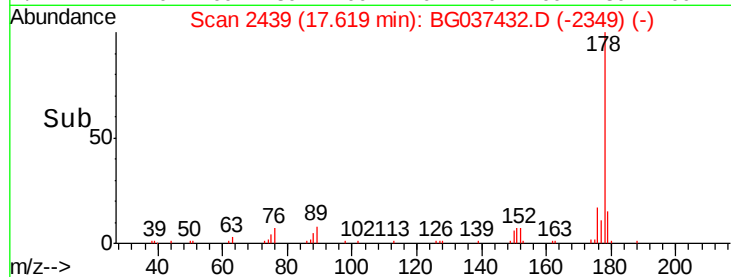
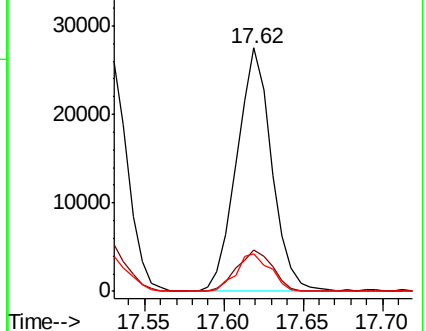
179 15.3 12.8 19.2



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



#73

Carbazole

Concen: 2.076 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

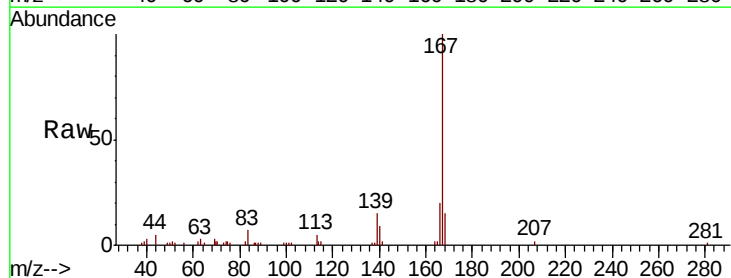
Tgt Ion:167 Resp: 34932

Ion Ratio Lower Upper

167 100

166 19.7 18.3 27.5

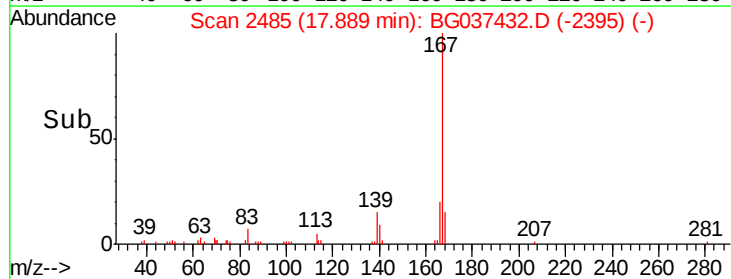
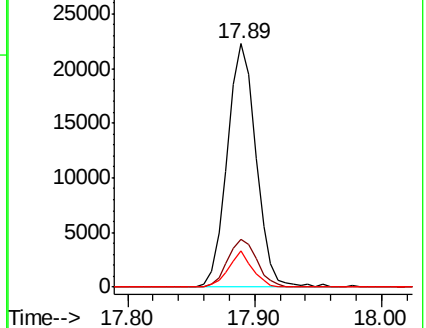
139 14.8 10.5 15.7

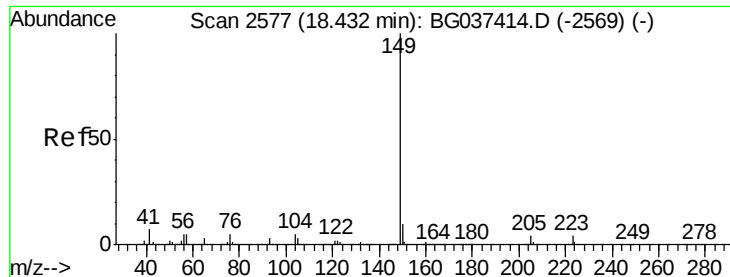


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 1.970 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

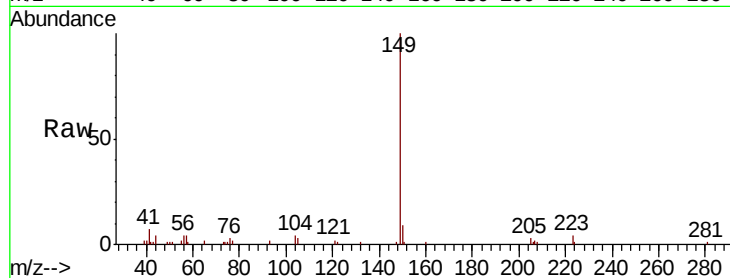
Tot Ion:149 Resp: 36870

Ion Ratio Lower Upper

149 100

150 9.0 8.2 12.2

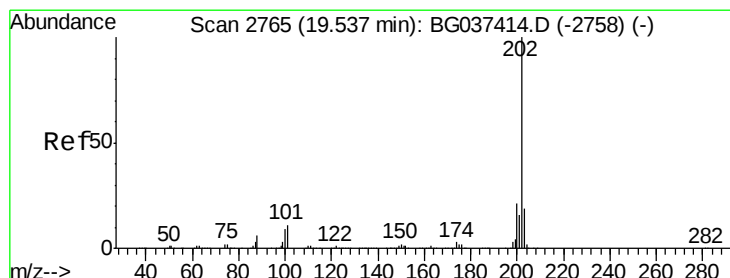
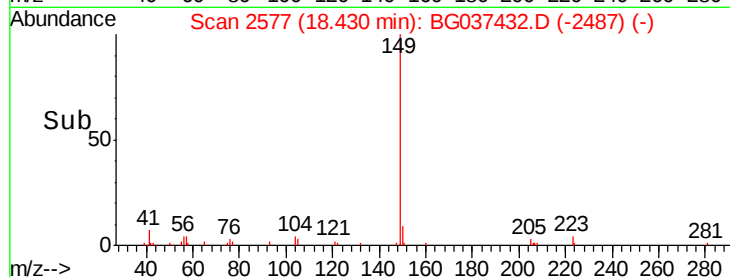
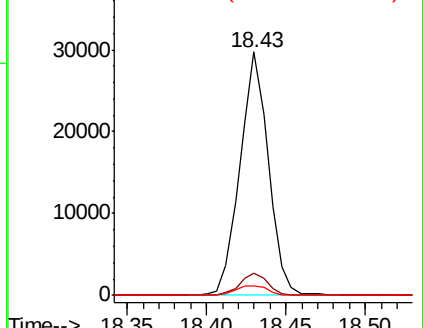
104 3.7 4.0 6.0#



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: 2.391 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

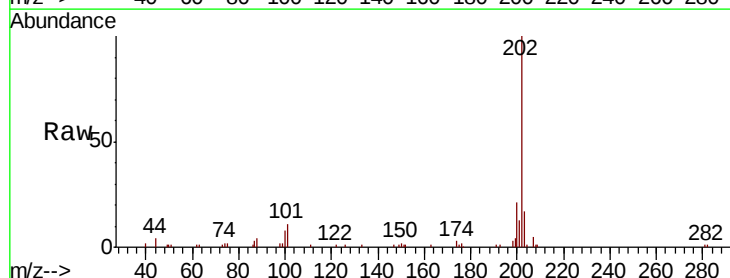
Tgt Ion:202 Resp: 46491

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

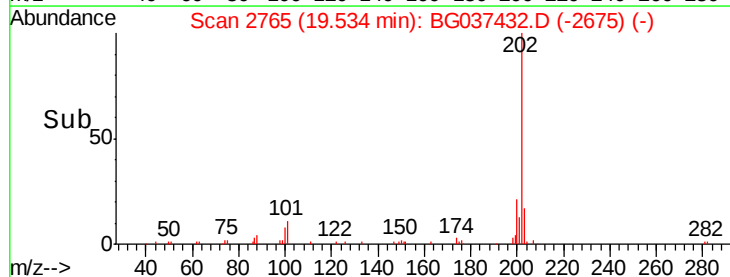
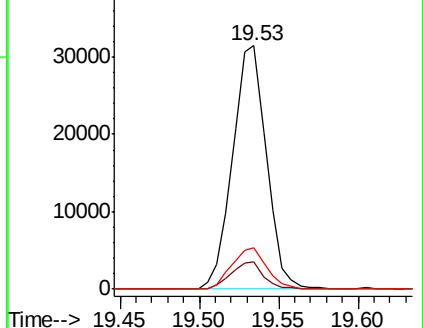
203 17.1 0.0 38.5

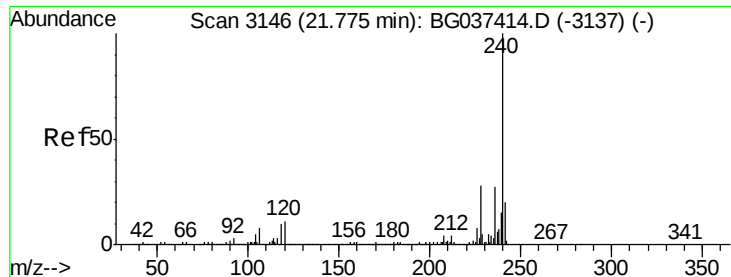


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

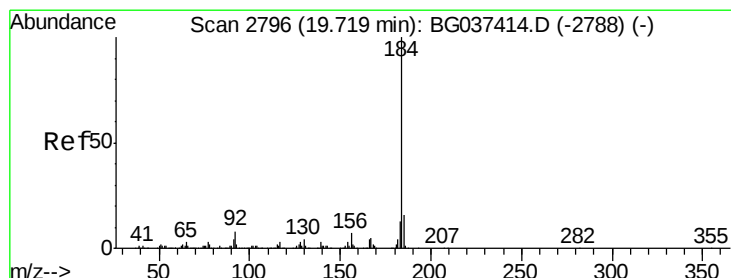
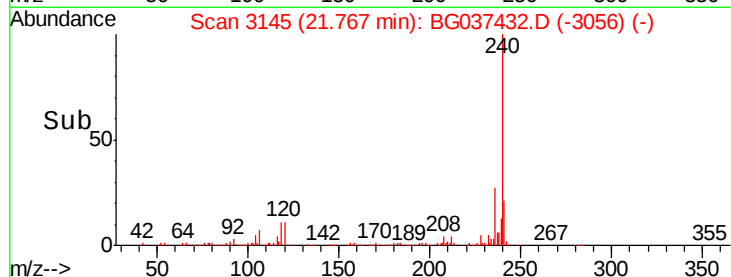
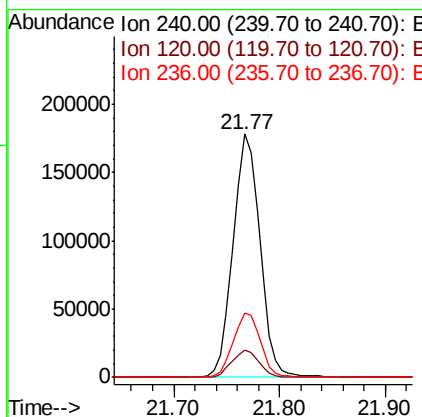
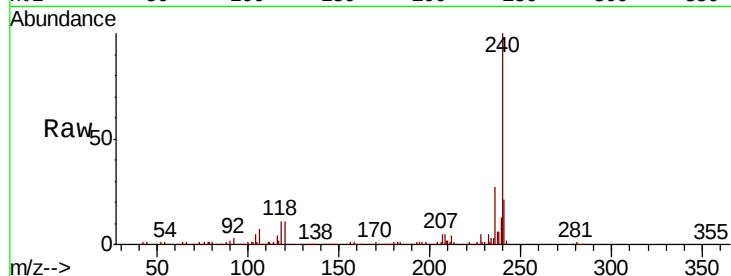




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

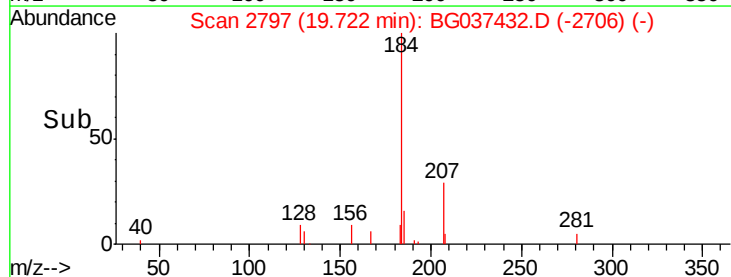
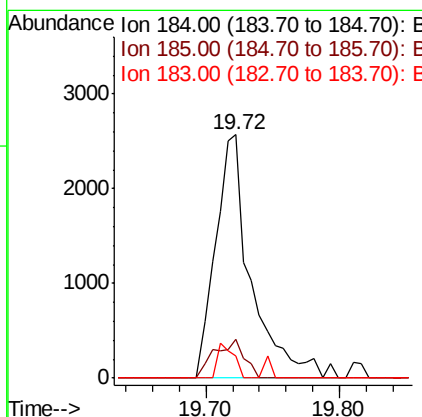
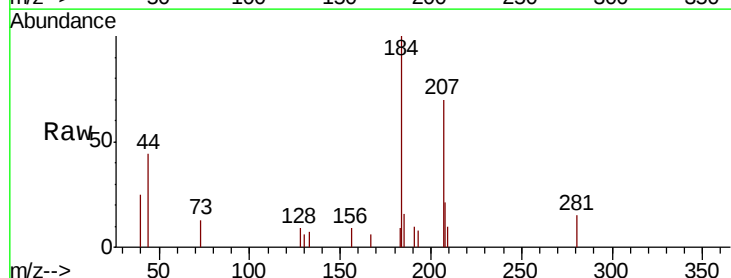
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

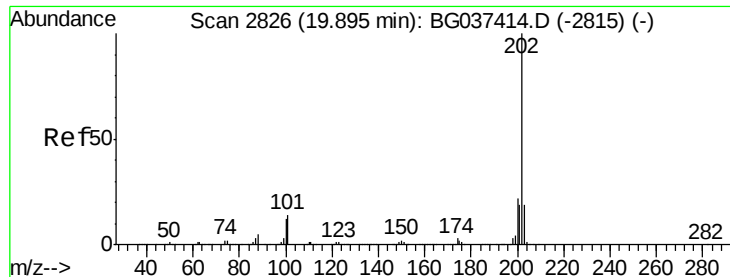
Tot Ion:240 Resp: 313435
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.7 21.4 32.0



#77
 Benzidine
 Concen: 0.451 ng
 RT: 19.72 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:184 Resp: 4802
 Ion Ratio Lower Upper
 184 100
 185 15.8 12.6 18.8
 183 9.2 10.2 15.2#





#78

Pvrene

Concen: 2.348 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

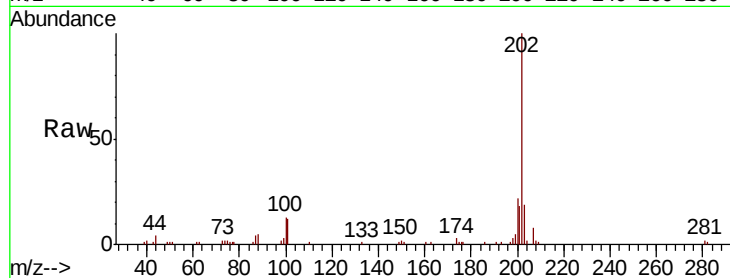
Tot Ion:202 Resp: 48110

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

203 18.8 15.2 22.8

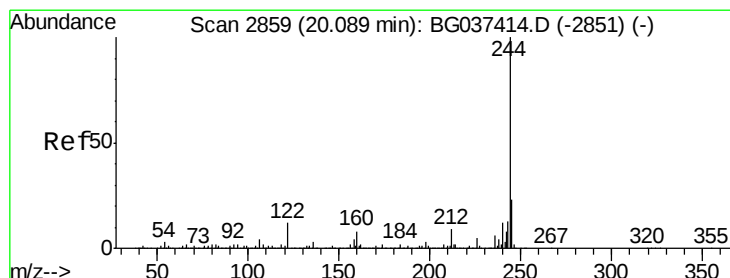
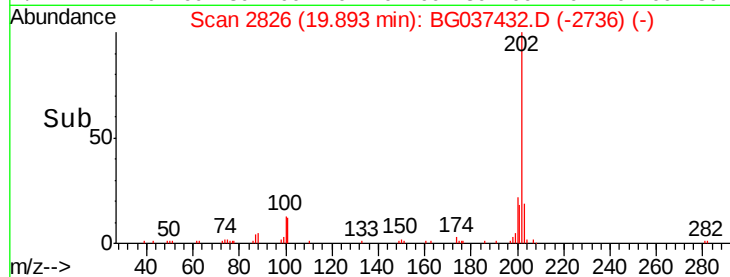
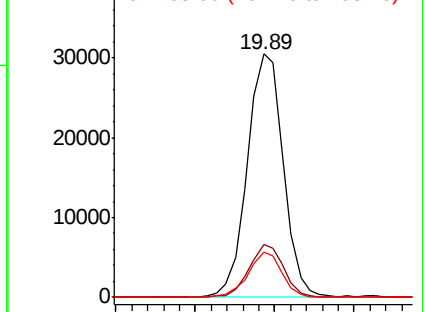


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 88.917 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

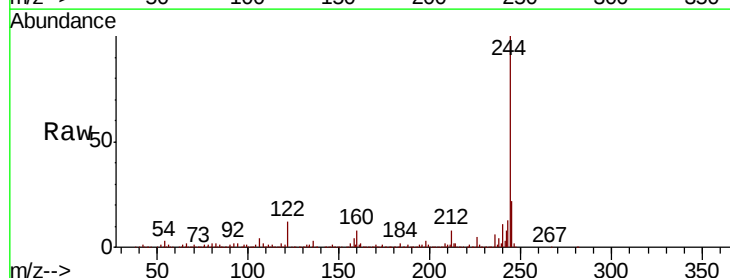
Tgt Ion:244 Resp: 1304295

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.5 9.0 13.4

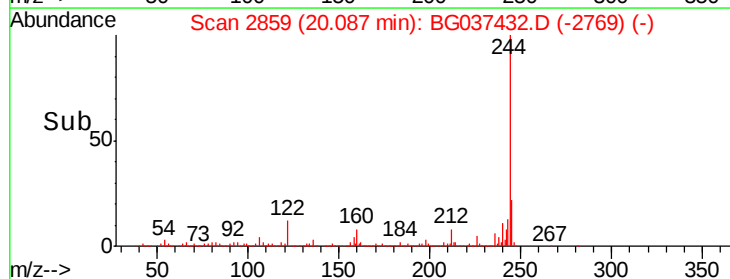
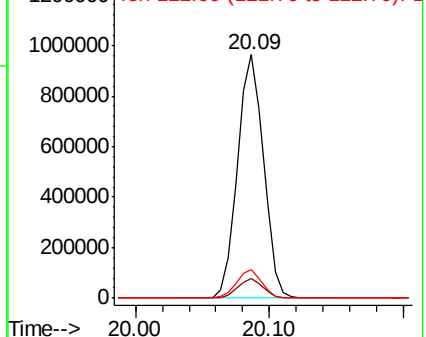


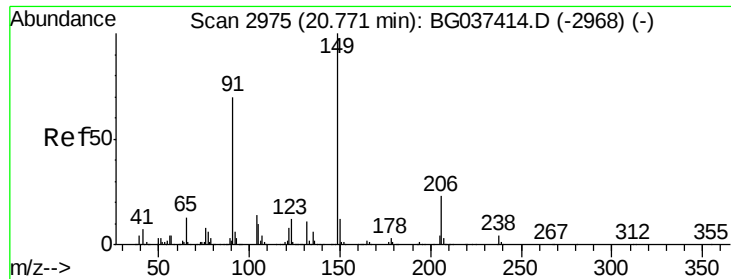
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

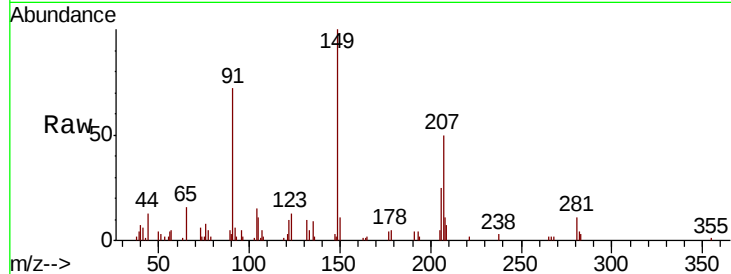




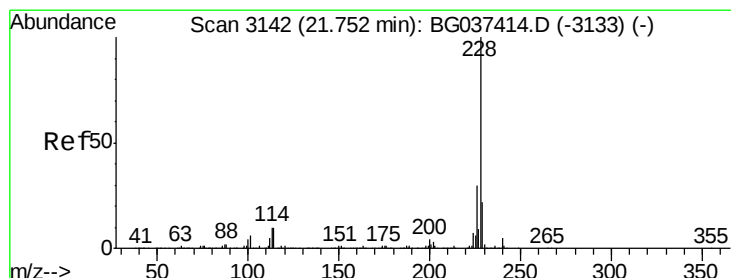
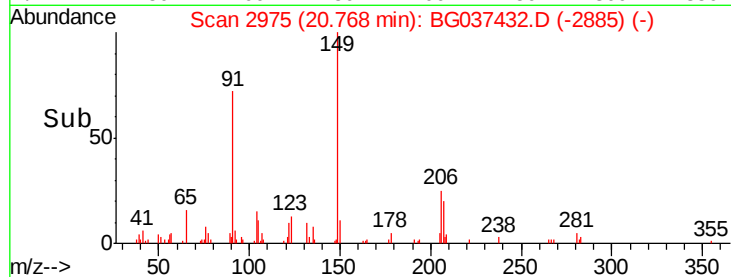
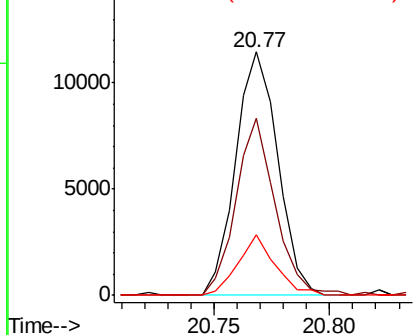
#80
Butylbenzylphthalate
Concen: 1.738 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

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

Tot Ion:149 Resp: 14572
Ion Ratio Lower Upper
149 100
91 72.5 57.0 85.4
206 24.7 17.8 26.6

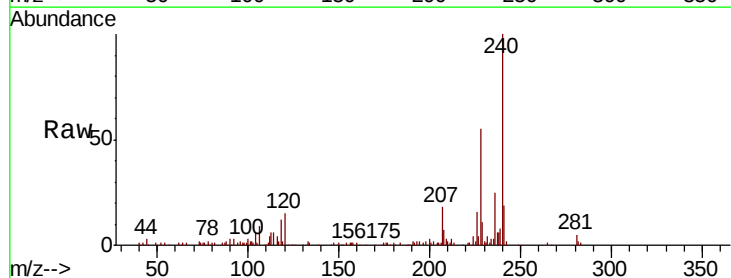


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

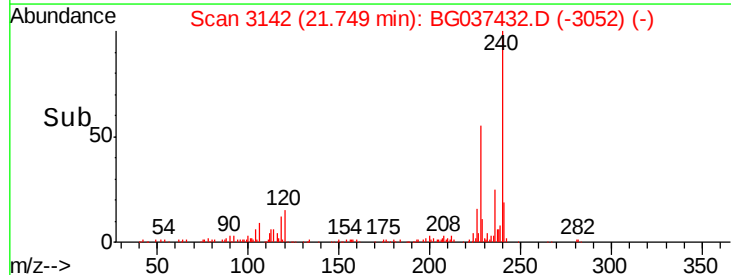
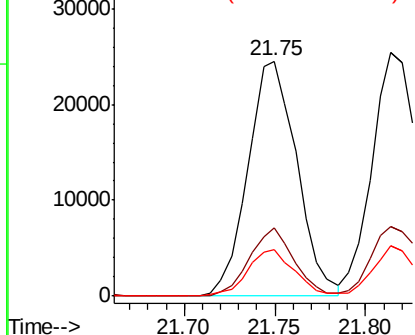


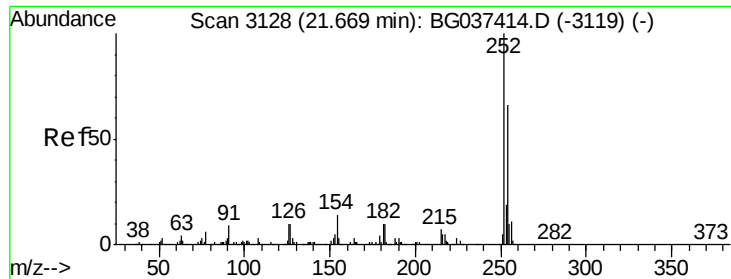
#81
Benzo(a)anthracene
Concen: 2.481 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037432.D
Acq: 18 Oct 2018 23:10

Tgt Ion:228 Resp: 45990
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 20.0 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

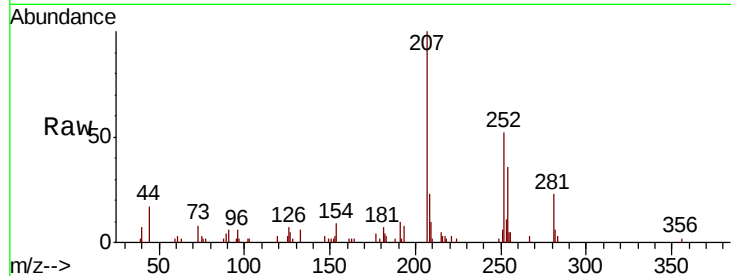




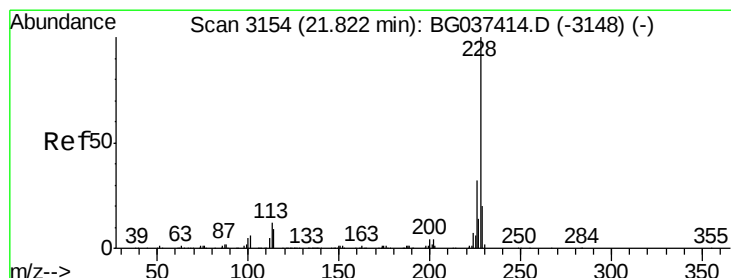
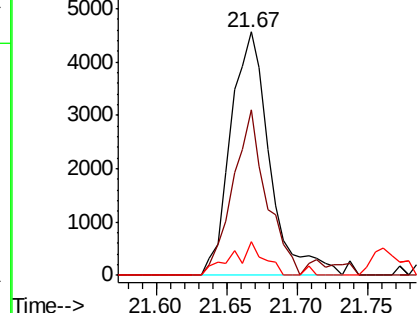
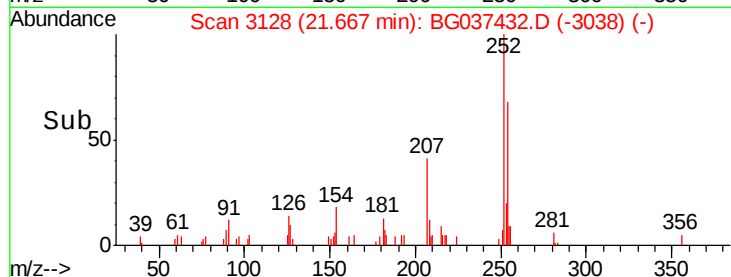
#82
 3,3'-Dichlorobenzidine
 Concen: 1.220 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion:252 Resp: 8766
 Ion Ratio Lower Upper
 252 100
 254 68.2 52.0 78.0
 126 13.9 8.2 12.4#

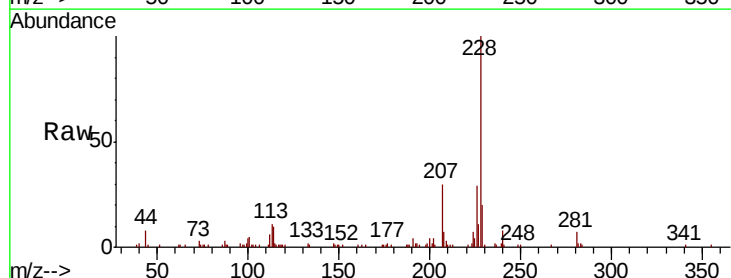


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

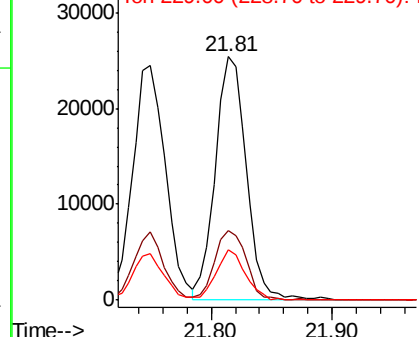
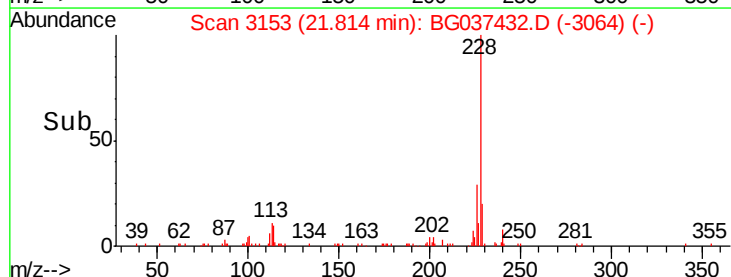


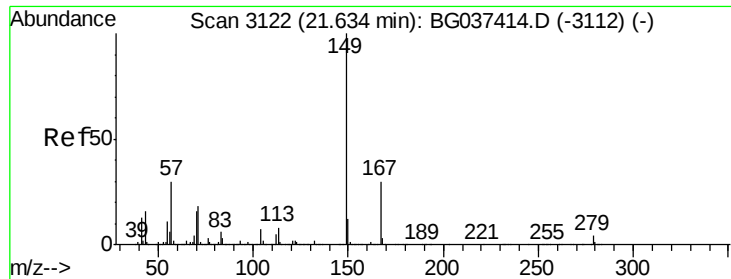
#83
 Chrysene
 Concen: 2.536 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:228 Resp: 45203
 Ion Ratio Lower Upper
 228 100
 226 28.7 25.7 38.5
 229 20.5 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

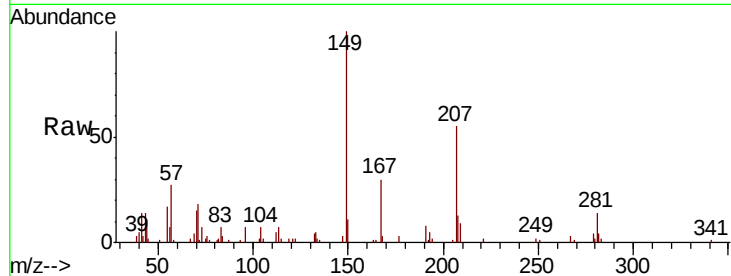




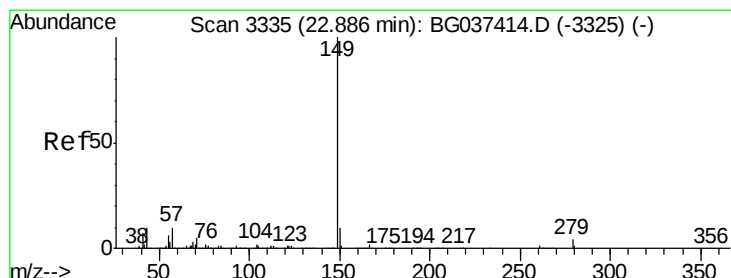
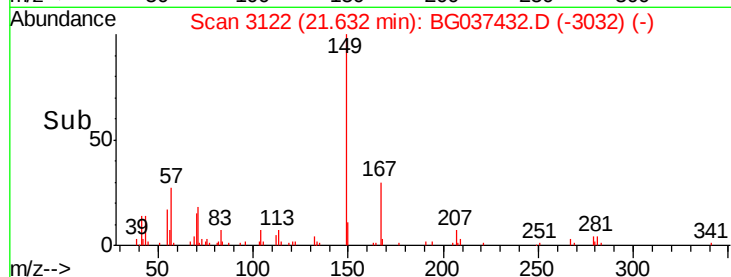
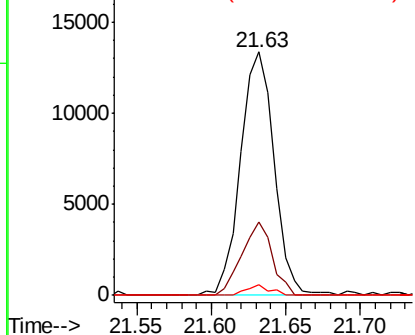
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.777 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion:149 Resp: 20884
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.0 34.4
 279 4.4 3.6 5.4

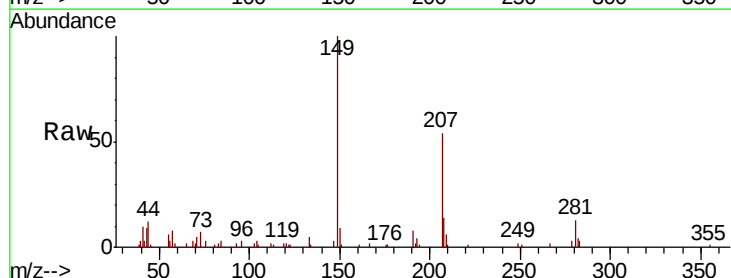


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

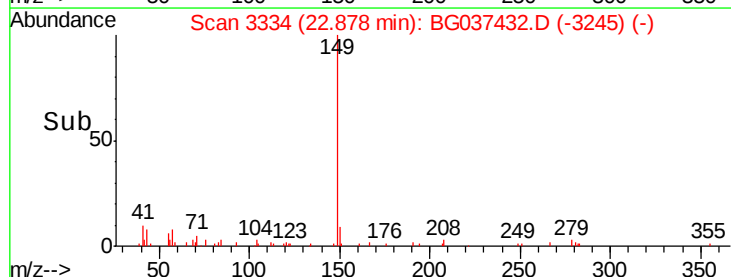
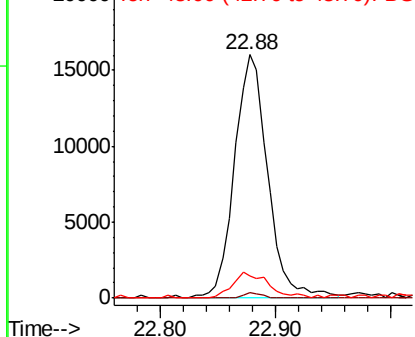


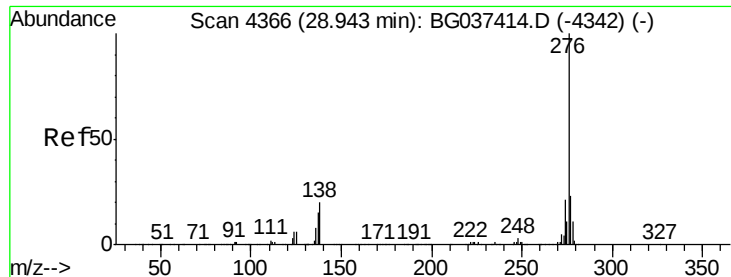
#85
 Di-n-octyl phthalate
 Concen: 1.675 ng
 RT: 22.88 min Scan# 3334
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion:149 Resp: 32103
 Ion Ratio Lower Upper
 149 100
 167 1.1 1.3 1.9#
 43 11.3 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): BG

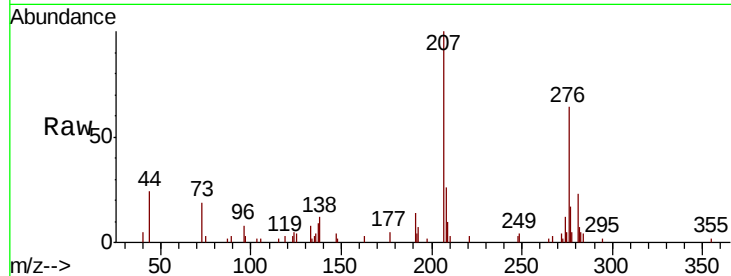




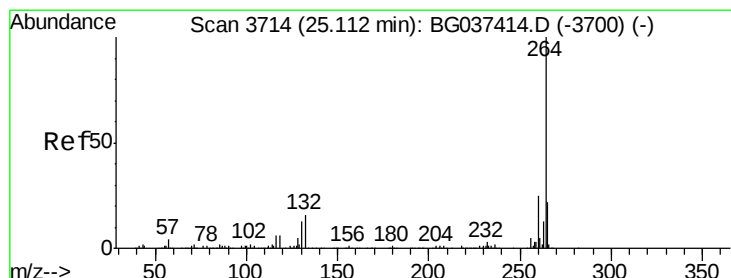
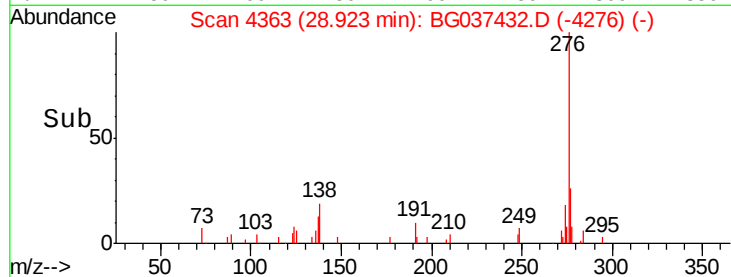
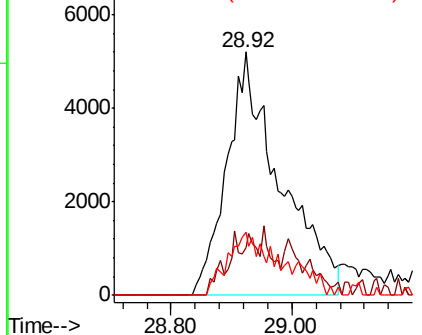
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 1.660 ng
 RT: 28.92 min Scan# 4363
 Delta R.T. -0.02 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.0	12.0	18.0#
277	16.0	20.6	30.8#

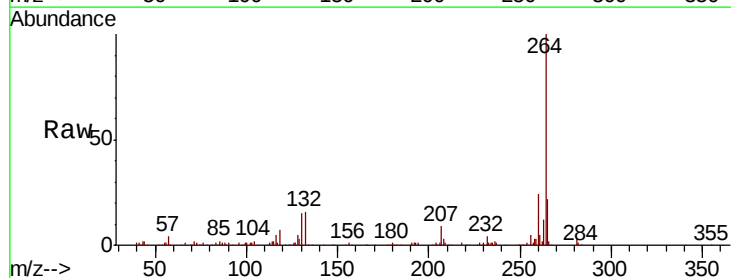


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

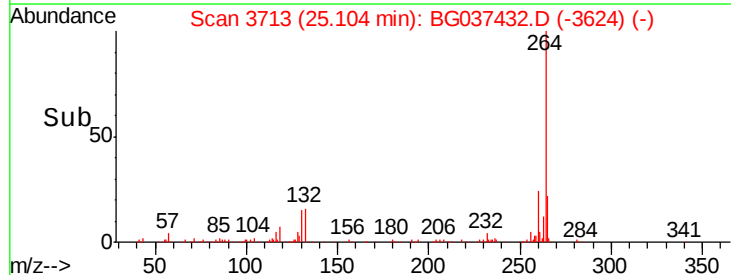
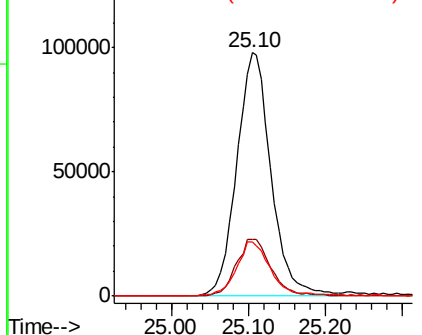


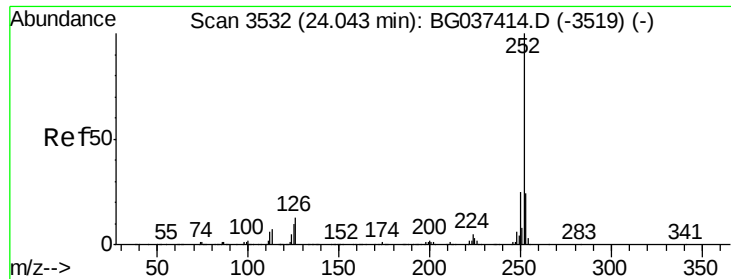
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037432.D
 Acq: 18 Oct 2018 23:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.1	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.351 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

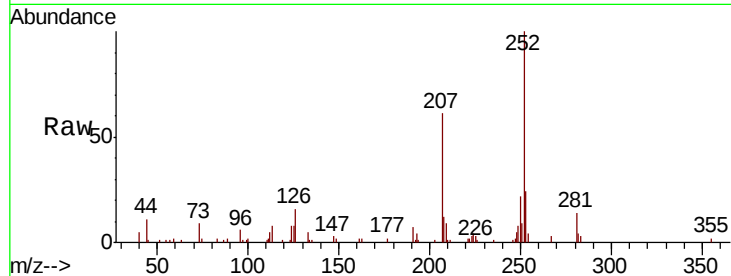
Tot Ion:252 Resp: 39277

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

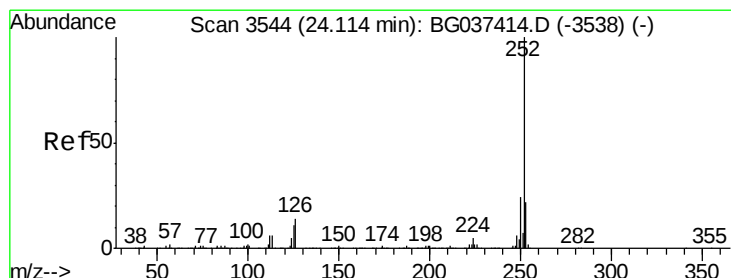
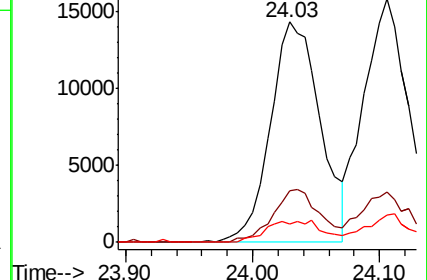
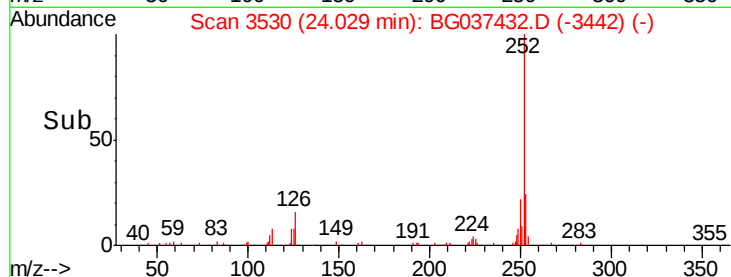
125 8.2 7.8 11.6



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



#89

Benzo(k)fluoranthene

Concen: 2.450 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

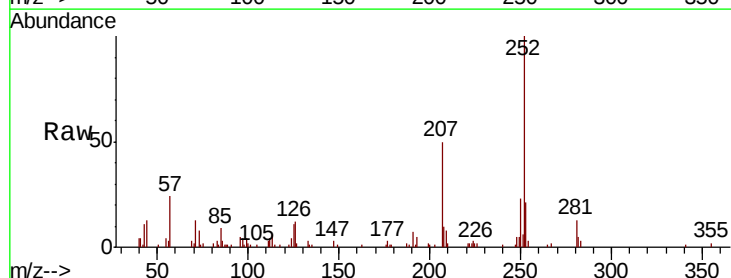
Tgt Ion:252 Resp: 40106

Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.2

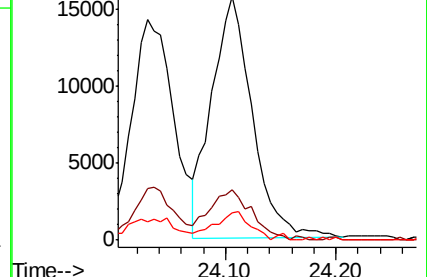
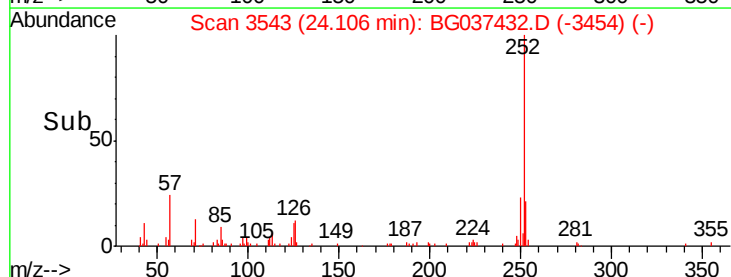
125 10.9 7.4 11.0

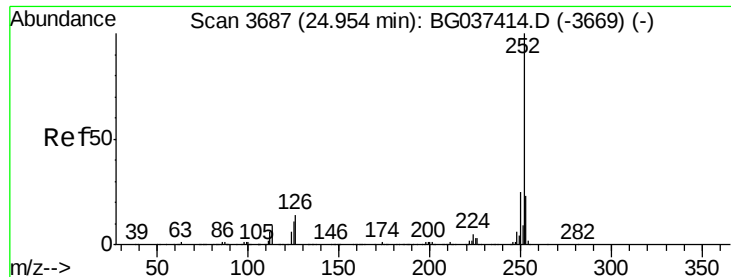


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.196 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

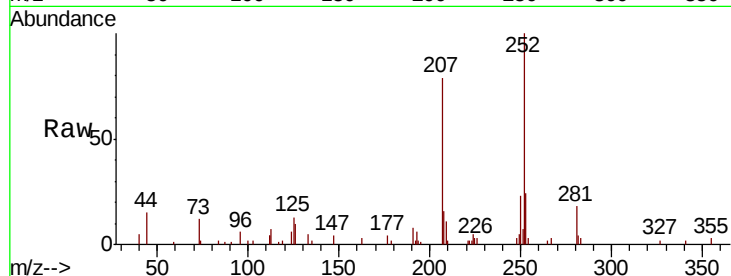
Tot Ion:252 Resp: 34866

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 13.5 9.0 13.6

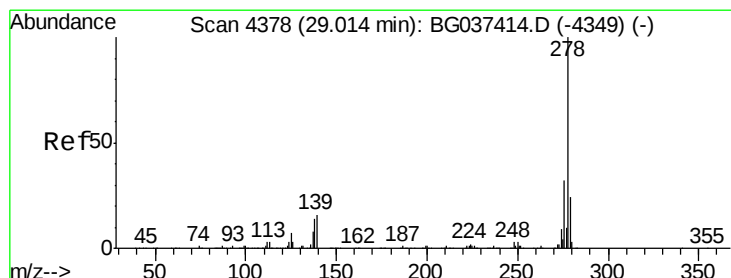
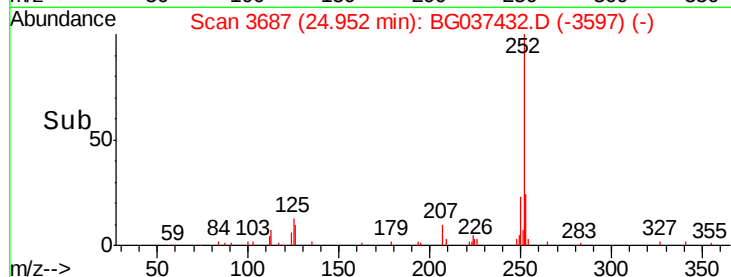
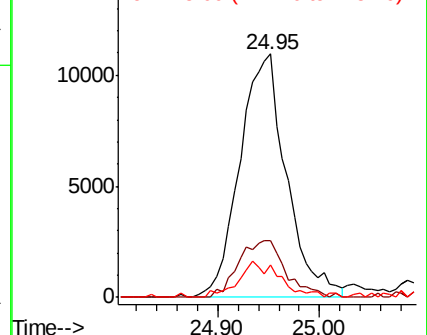


Abundance

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: 1.576 ng

RT: 29.01 min Scan# 4378

Delta R.T. -0.00 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

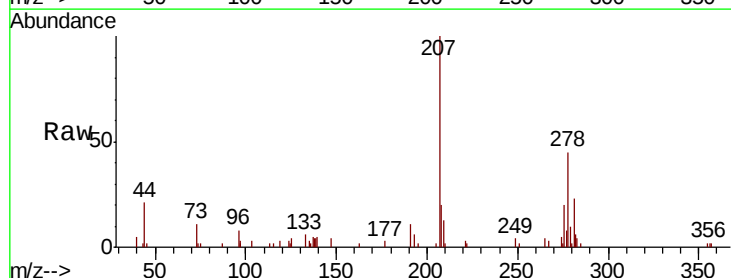
Tgt Ion:278 Resp: 23079

Ion Ratio Lower Upper

278 100

139 11.0 11.5 17.3#

279 21.8 18.6 27.8

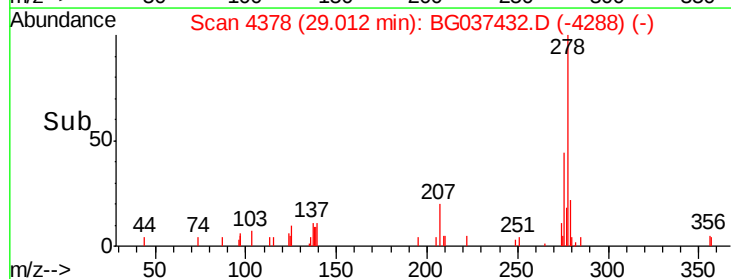
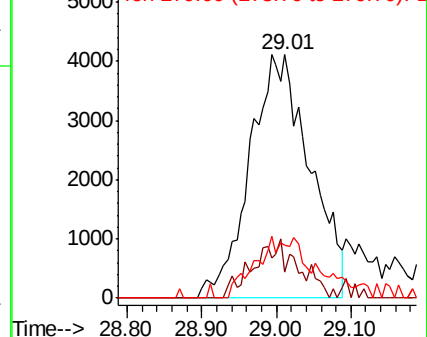


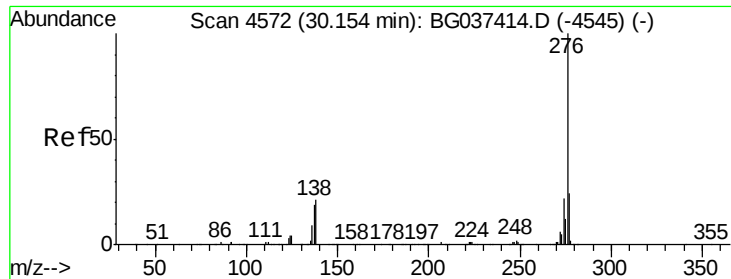
Abundance

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: 1.896 ng

RT: 30.12 min Scan# 4567

Delta R.T. -0.03 min

Lab File: BG037432.D

Acq: 18 Oct 2018 23:10

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion: 276 Resp: 28089

Ion Ratio Lower Upper

276 100

277 22.1 18.9 28.3

138 30.0 17.2 25.8#

