

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037457.D
 Acq On : 19 Oct 2018 17:15
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 1PPM
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 19 23:31:35 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	53036	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	246937	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	167280	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	399674	20.00	ng	0.00
76) Chrysene-d12	21.77	240	367511	20.00	ng	0.00
87) Perylene-d12	25.11	264	358742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	433005	136.50	ng	0.00
7) Phenol-d6	7.25	99	635069	132.39	ng	0.00
23) Nitrobenzene-d5	9.29	82	357705	81.15	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	241063	132.13	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	896321	80.80	ng	0.00
79) Terphenyl-d14	20.09	244	1343062	78.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	2507	1.558	ng	85
3) Pyridine	3.96	79	3783	0.933	ng	# 54
4) n-Nitrosodimethylamine	3.86	42	1351	0.935	ng	# 76
6) Aniline	7.43	93	3590	0.613	ng	# 77
8) 2-Chlorophenol	7.67	128	3977	1.072	ng	80
9) Benzaldehyde	7.25	77	3909	1.303	ng	# 72
10) Phenol	7.27	94	5448	1.076	ng	# 60
11) bis(2-Chloroethyl)ether	7.52	93	3831	0.997	ng	81
12) 1,3-Dichlorobenzene	8.46	146	4356	1.054	ng	86
13) 1,4-Dichlorobenzene	8.15	146	4631	1.096	ng	91
14) 1,2-Dichlorobenzene	8.15	146	4631	1.139	ng	90
15) Benzyl Alcohol	8.35	79	2995	0.845	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6831	0.993	ng	92
17) 2-Methylphenol	8.54	107	3125	0.934	ng	91
18) Hexachloroethane	9.19	117	1476	1.024	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	3231	0.978	ng	89
20) 3+4-Methylphenols	8.86	107	4061	0.849	ng	90
22) Acetophenone	8.94	105	6230	1.006	ng	# 92
24) Nitrobenzene	9.33	77	4702	1.027	ng	# 90
25) Isophorone	9.84	82	8696	1.080	ng	# 92
26) 2-Nitrophenol	10.04	139	1382	0.670	ng	# 63
27) 2,4-Dimethylphenol	10.07	122	3472	0.943	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	4817	0.913	ng	# 87
29) 2,4-Dichlorophenol	10.57	162	2978	0.726	ng	88
30) 1,2,4-Trichlorobenzene	10.79	180	4237	0.950	ng	97
31) Naphthalene	10.98	128	13537	1.116	ng	# 93
32) Benzoic acid	10.07	122	3472	1.451	ng	# 6
33) 4-Chloroaniline	11.09	127	3832	0.672	ng	# 76
34) Hexachlorobutadiene	11.24	225	2724	1.031	ng	# 77
35) Caprolactam	11.85	113	823	0.500	ng	# 80
36) 4-Chloro-3-methylphenol	12.18	107	3785	0.818	ng	85
37) 2-Methylnaphthalene	12.58	142	9458	1.070	ng	97
38) 1-Methylnaphthalene	12.80	142	9899	1.153	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	5044	0.935	ng	# 97

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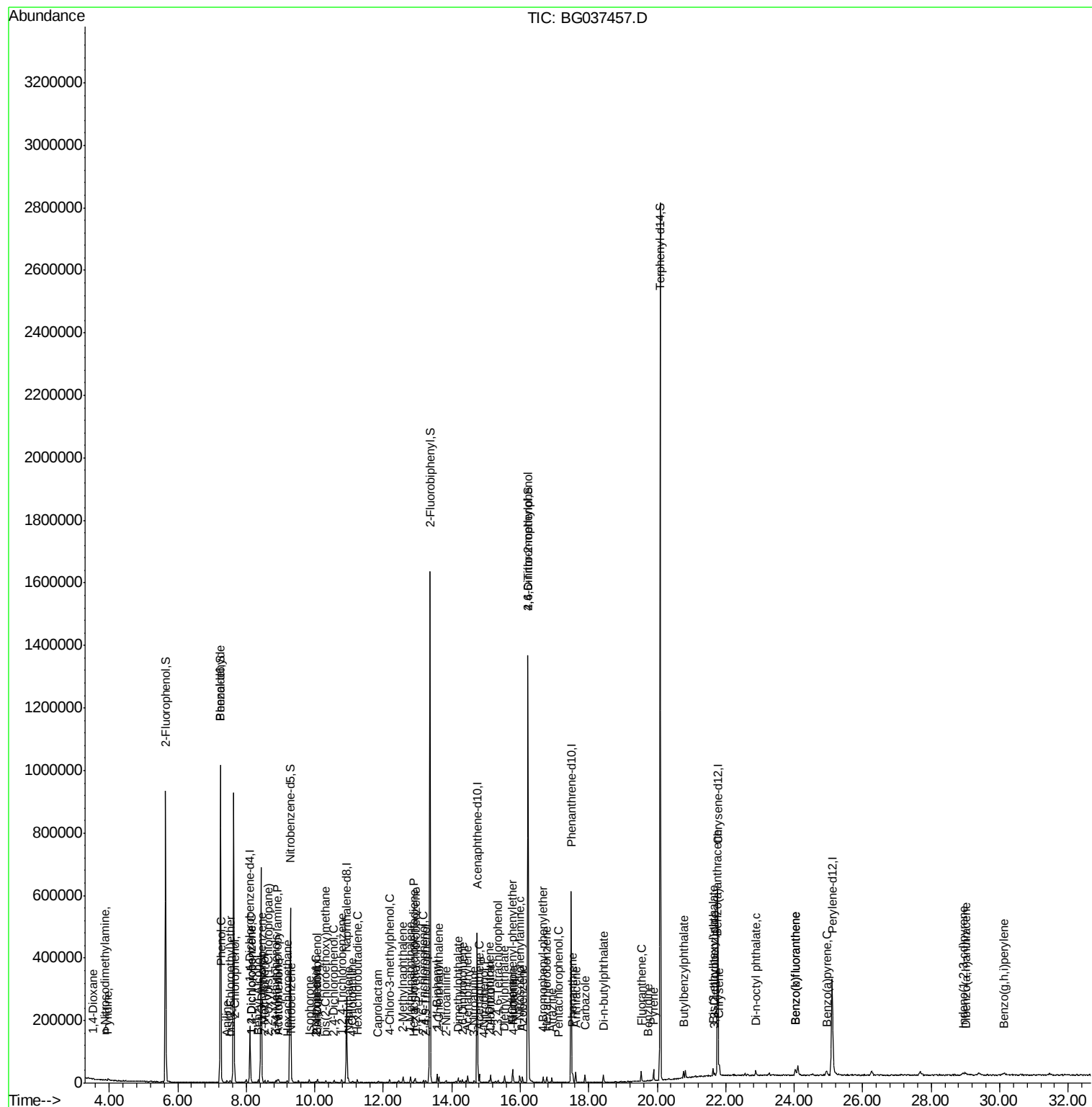
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	1852	0.719	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	2498	0.693	ng	92
44) 2,4,5-Trichlorophenol	13.24	196	2674	0.681	ng #	84
46) 1,1'-Biphenyl	13.58	154	14820	1.070	ng	96
47) 2-Chloronaphthalene	13.62	162	10810	1.031	ng	90
48) 2-Nitroaniline	13.83	65	2200	0.692	ng	89
49) Acenaphthylene	14.46	152	16741	1.062	ng	99
50) Dimethylphthalate	14.19	163	13666	1.056	ng	99
51) 2,6-Dinitrotoluene	14.31	165	2021	0.706	ng	99
52) Acenaphthene	14.80	154	10080	1.038	ng	98
53) 3-Nitroaniline	14.65	138	1961	0.617	ng #	94
55) Dibenzofuran	15.13	168	17990	1.118	ng	97
56) 4-Nitrophenol	14.93	139	221	0.094	ng	94
57) 2,4-Dinitrotoluene	15.09	165	2681	0.713	ng #	82
58) Fluorene	15.79	166	13415	1.114	ng #	94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2044	0.608	ng #	96
60) Diethylphthalate	15.54	149	13333	1.004	ng	96
61) 4-Chlorophenyl-phenylether	15.77	204	6949	0.990	ng	98
62) 4-Nitroaniline	15.81	138	1774	0.562	ng	92
63) Azobenzene	16.07	77	12513	0.987	ng	95
65) 4,6-Dinitro-2-methylphenol	16.23	198	877	8.852	ng #	77
66) n-Nitrosodiphenylamine	15.99	169	10513	0.874	ng	95
67) 4-Bromophenyl-phenylether	16.67	248	3975	0.906	ng	87
68) Hexachlorobenzene	16.78	284	4710	1.035	ng	97
69) Atrazine	16.93	200	3655	0.841	ng	93
70) Pentachlorophenol	17.13	266	448	0.147	ng #	74
71) Phenanthrene	17.53	178	23385	1.151	ng	99
72) Anthracene	17.62	178	22519	1.130	ng	96
73) Carbazole	17.89	167	18073	0.906	ng	95
74) Di-n-butylphthalate	18.43	149	19458	0.877	ng #	92
75) Fluoranthene	19.53	202	24359	1.057	ng	95
77) Benzidine	19.73	184	2267	0.181	ng #	83
78) Pyrene	19.89	202	25134	1.046	ng	98
80) Butylbenzylphthalate	20.77	149	6689	0.680	ng	99
81) Benzo(a)anthracene	21.75	228	23729	1.092	ng	96
82) 3,3'-Dichlorobenzidine	21.67	252	4271	0.507	ng	94
83) Chrysene	21.81	228	23687	1.133	ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	10383	0.753	ng #	98
85) Di-n-octyl phthalate	22.88	149	14734	0.656	ng #	95
86) Indeno(1,2,3-cd)pyrene	28.93	276	13038	0.582	ng #	81
88) Benzo(b)fluoranthene	24.03	252	19632	0.998	ng	96
89) Benzo(k)fluoranthene	24.03	252	19632	1.019	ng	98
90) Benzo(a)pyrene	24.95	252	17995	0.963	ng #	91
91) Dibenzo(a,h)anthracene	29.02	278	1709	0.099	ng	96
92) Benzo(g,h,i)perylene	30.12	276	6020	0.345	ng	96

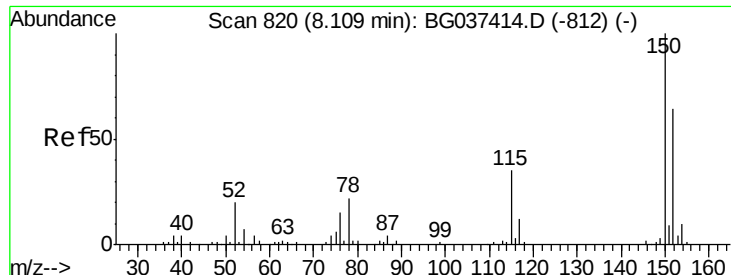
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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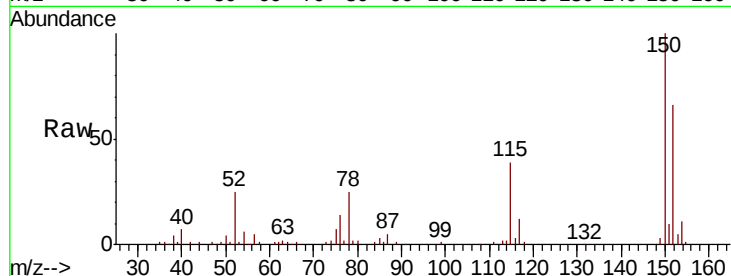


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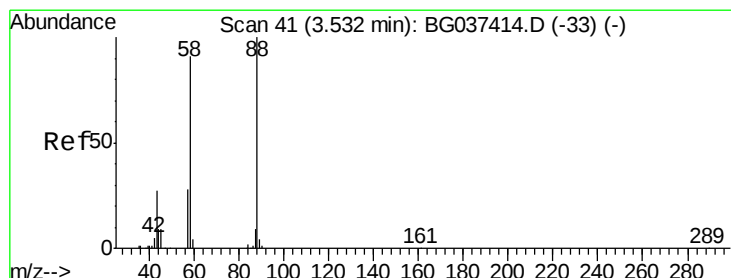
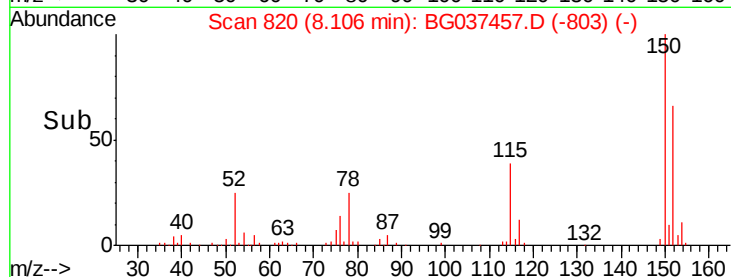
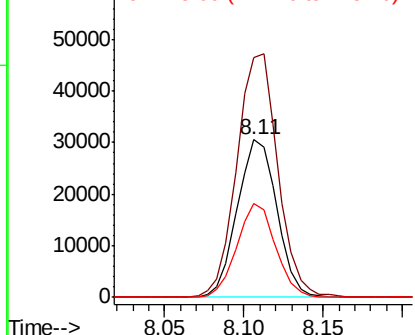
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

Tgt Ion:152 Resp: 53036
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 59.5 45.5 68.3



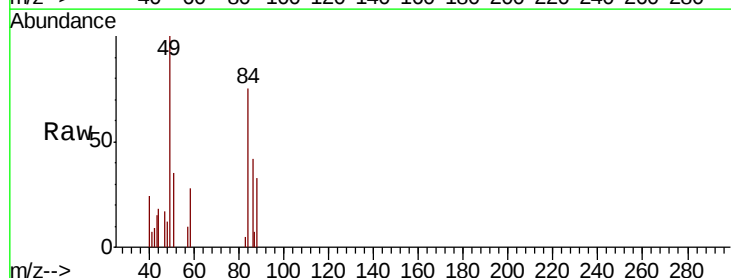
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



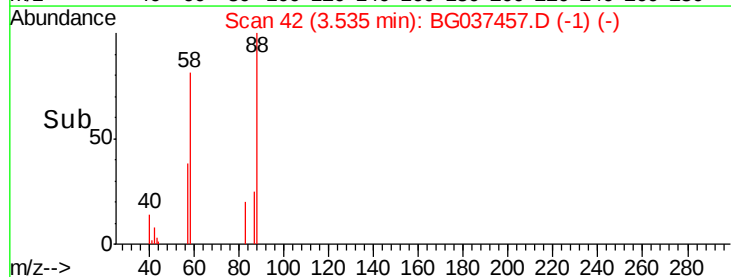
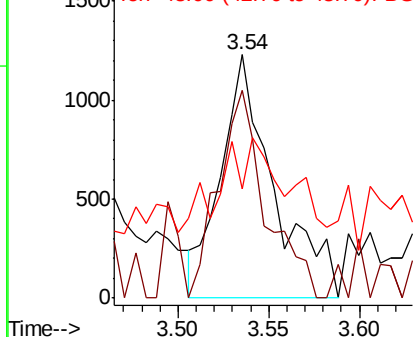
#2

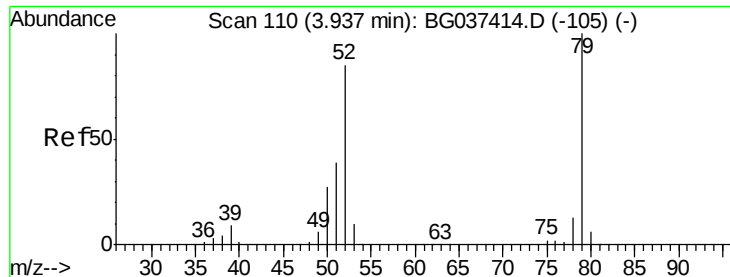
1,4-Dioxane
Concen: 1.558 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 88 Resp: 2507
Ion Ratio Lower Upper
88 100
58 75.8 74.4 111.6
43 36.2 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

Pyridine

Concen: 0.933 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

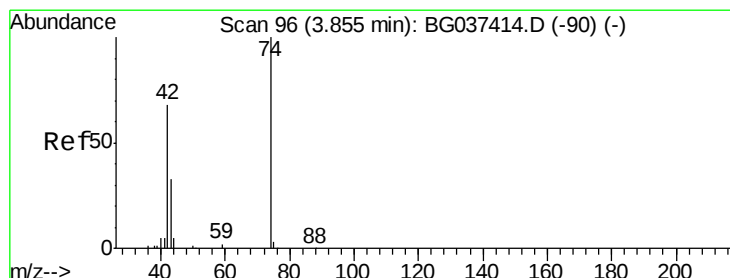
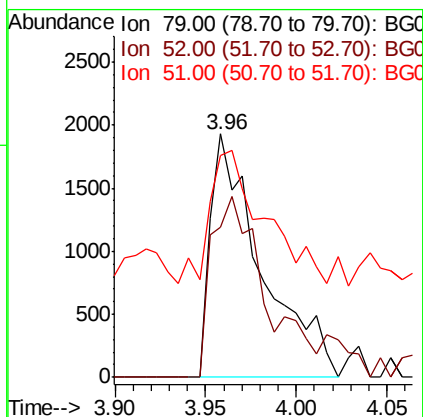
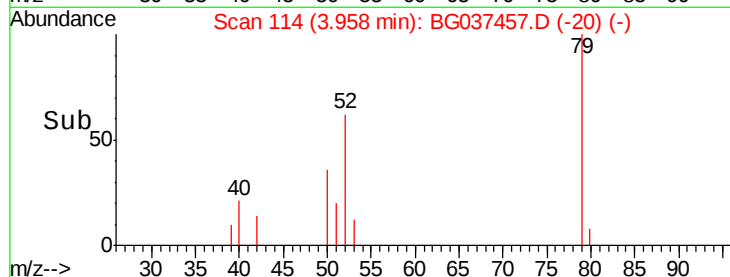
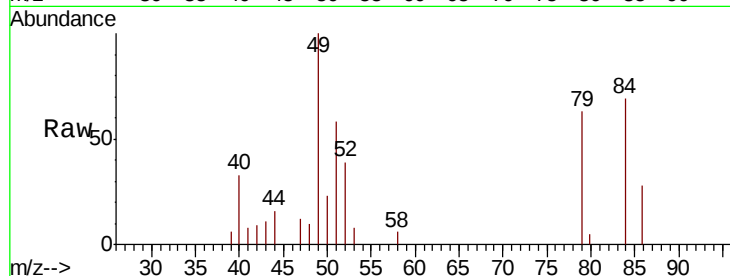
Tgt Ion: 79 Resp: 3783

Ion Ratio Lower Upper

79 100

52 61.8 74.2 111.2#

51 91.3 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 0.935 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

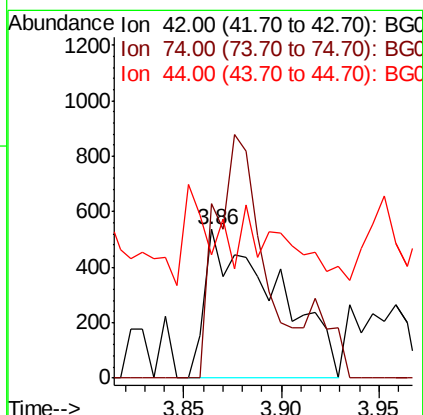
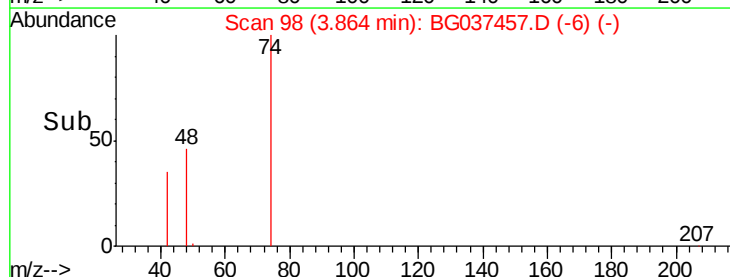
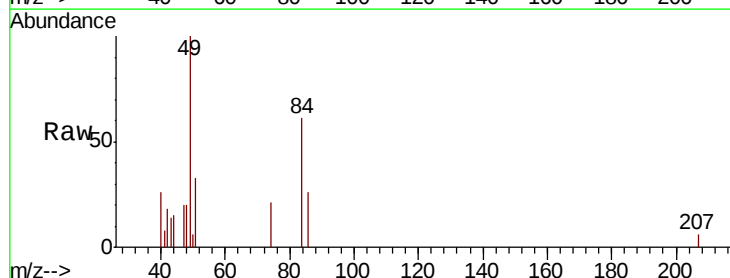
Tgt Ion: 42 Resp: 1351

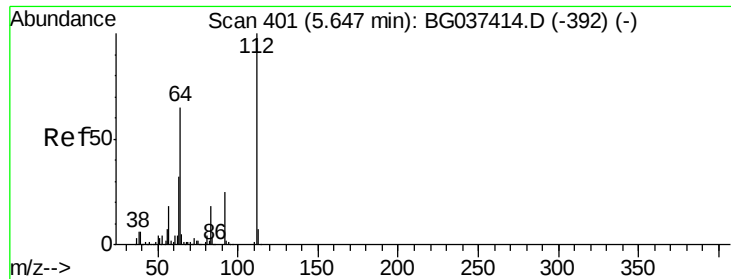
Ion Ratio Lower Upper

42 100

74 117.4 102.0 153.0

44 83.6 9.6 14.4#





#5

2-Fluorophenol

Concen: 136.496 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

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ClientSampleId :

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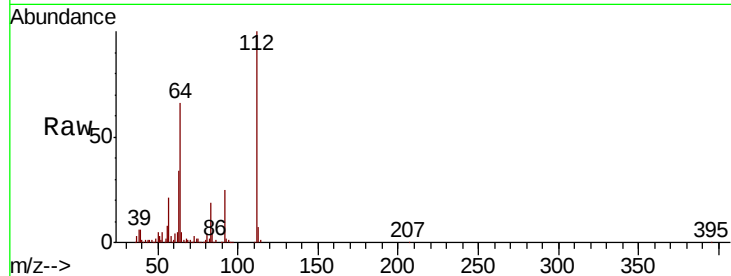
Tgt Ion: 112 Resp: 433005

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

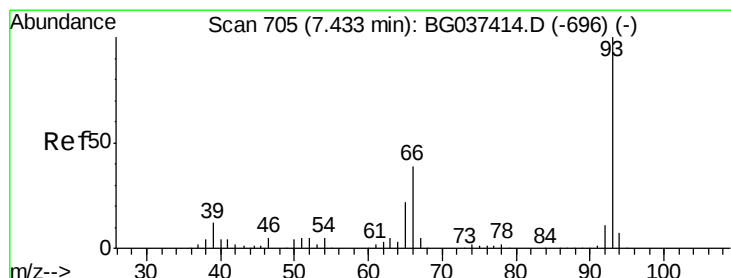
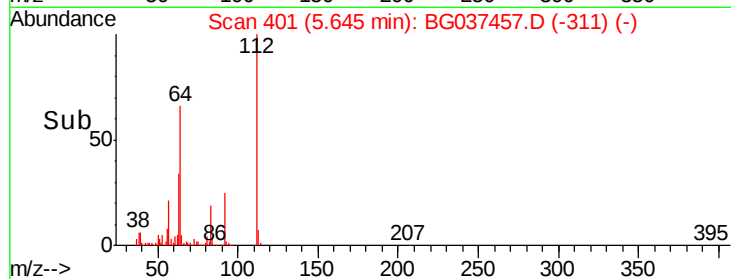
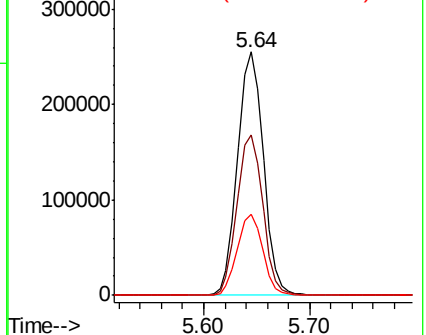
63 33.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.613 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

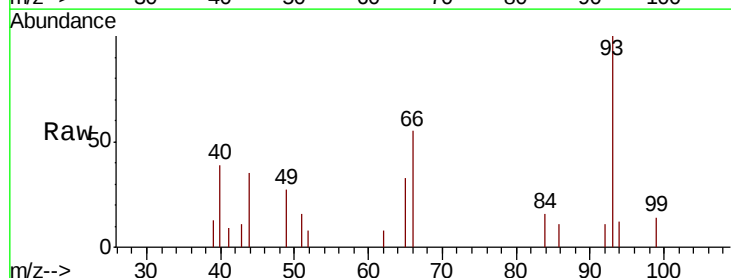
Tgt Ion: 93 Resp: 3590

Ion Ratio Lower Upper

93 100

66 54.7 32.8 49.2#

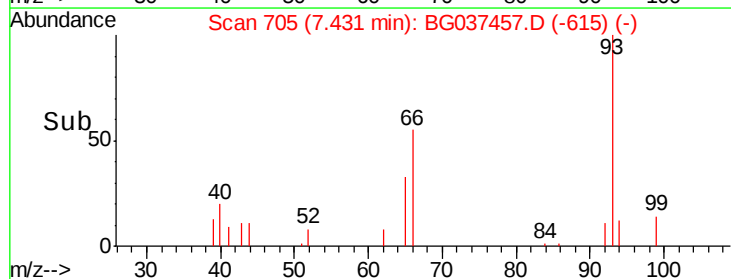
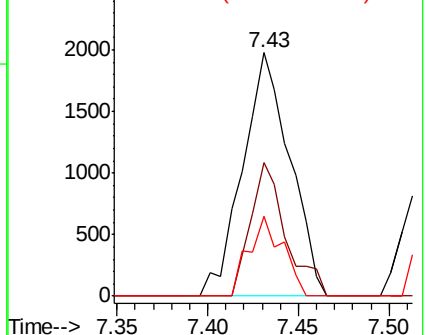
65 32.9 16.4 24.6#

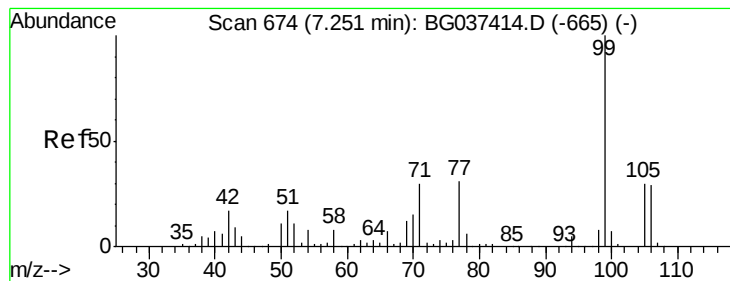


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.392 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037457.D

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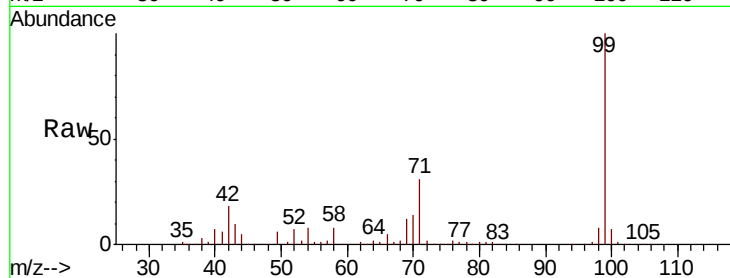
Tgt Ion: 99 Resp: 635069

Ion Ratio Lower Upper

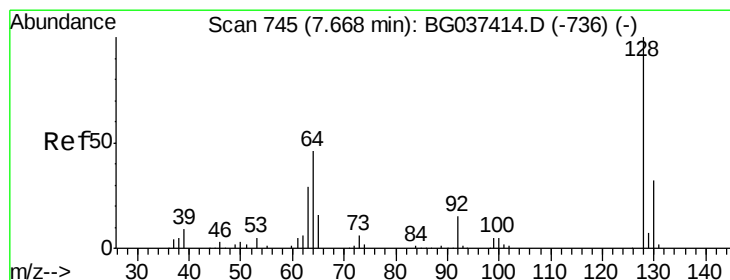
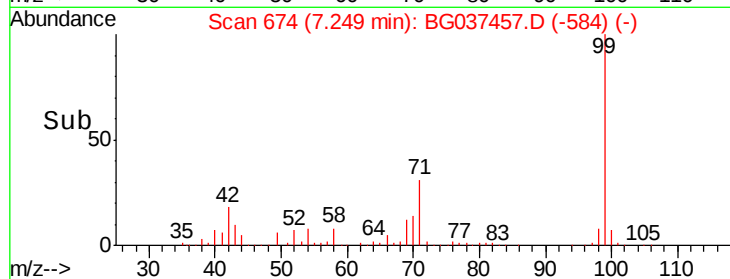
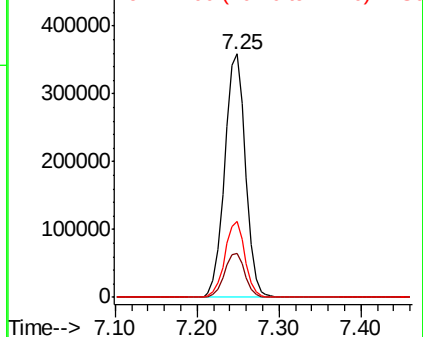
99 100

42 17.8 15.0 22.4

71 31.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 1.072 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

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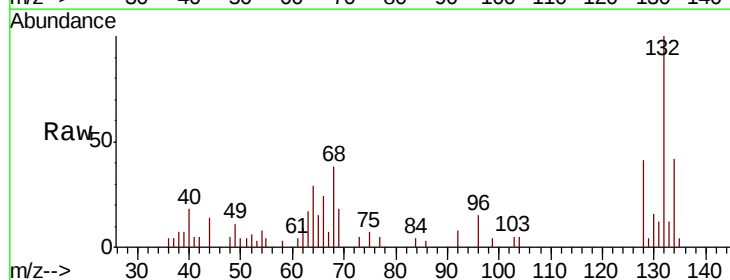
Tgt Ion: 128 Resp: 3977

Ion Ratio Lower Upper

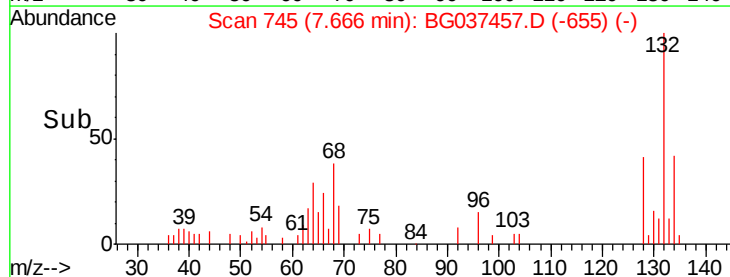
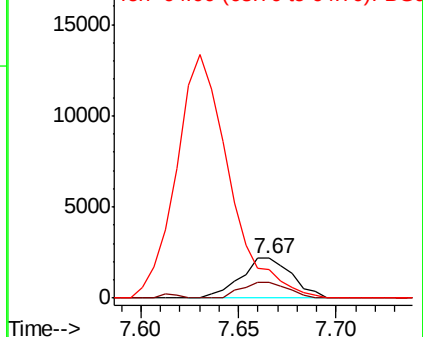
128 100

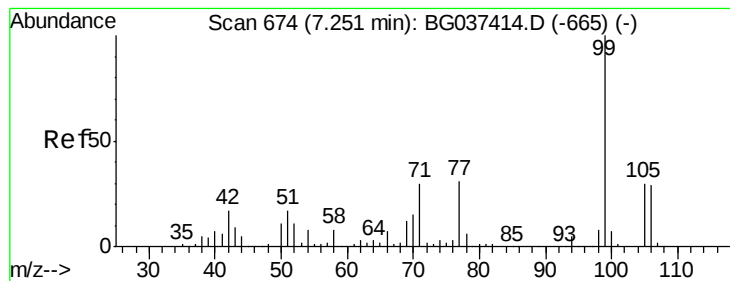
130 38.2 12.0 52.0

64 70.3 32.9 72.9



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





#9

Benzaldehyde

Concen: 1.303 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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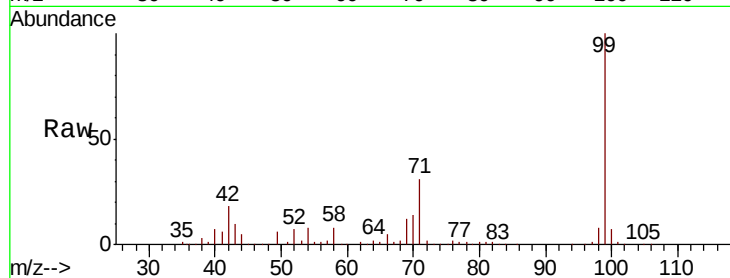
Tgt Ion: 77 Resp: 3909

Ion Ratio Lower Upper

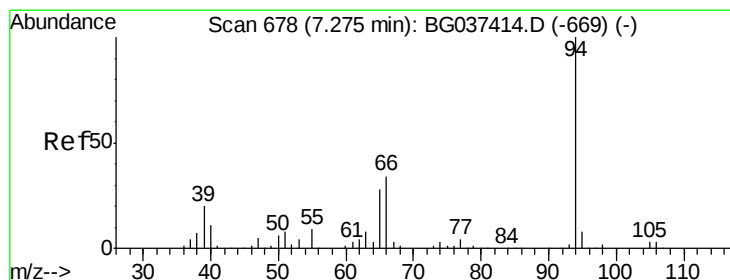
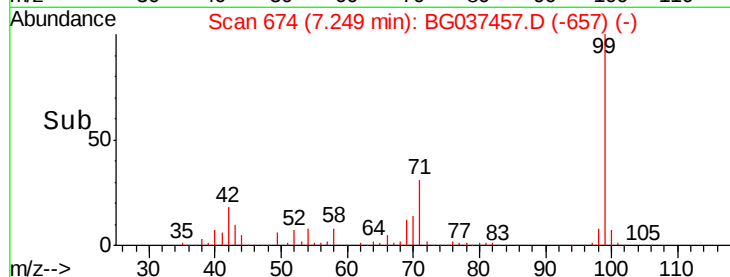
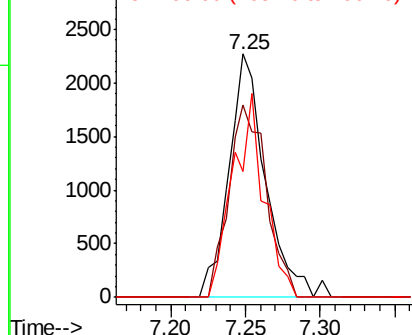
77 100

105 79.0 72.6 112.6

106 51.6 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.076 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

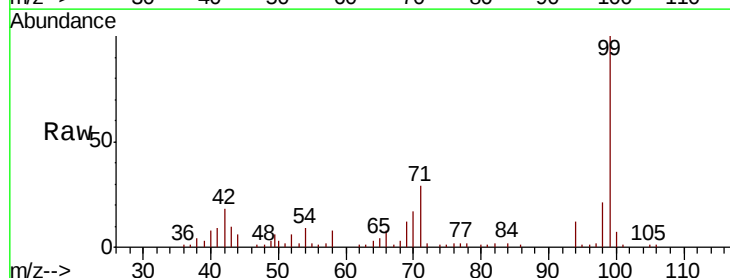
Tgt Ion: 94 Resp: 5448

Ion Ratio Lower Upper

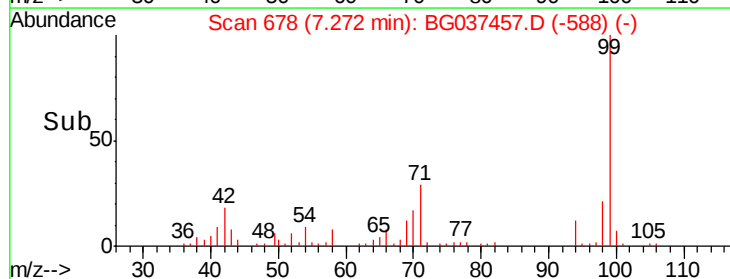
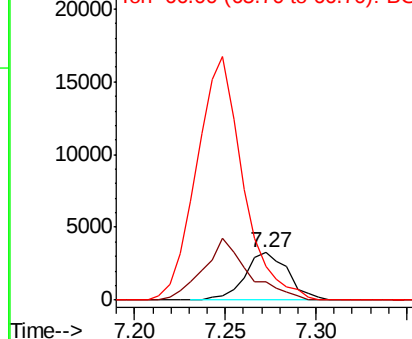
94 100

65 37.9 9.7 49.7

66 71.2 15.9 55.9#



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

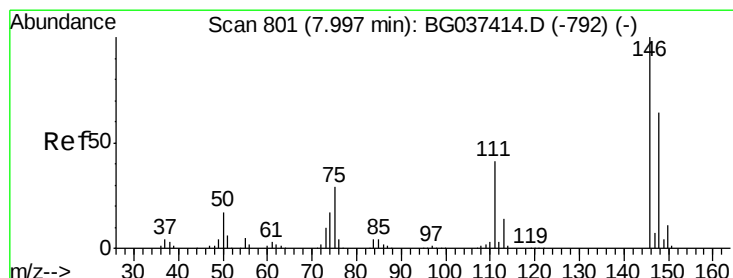
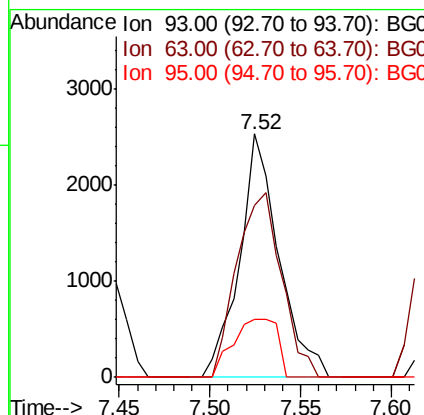
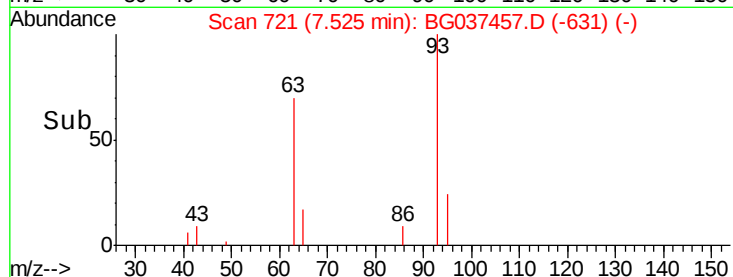
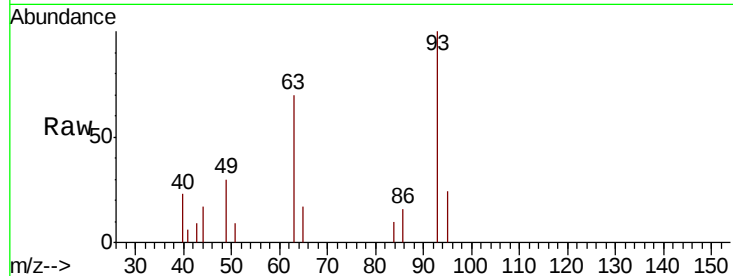




#11
 bis(2-Chloroethyl)ether
 Concen: 0.997 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

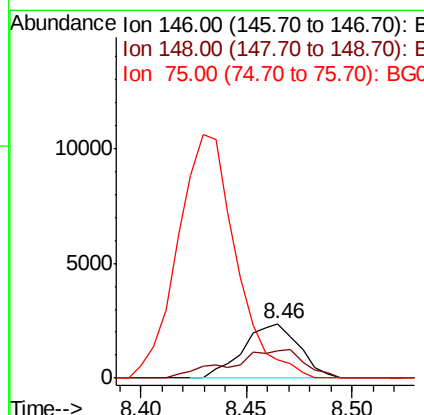
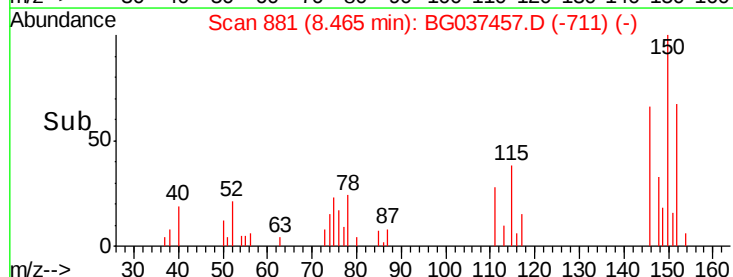
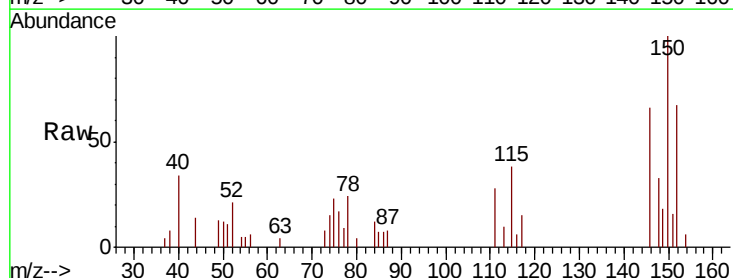
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

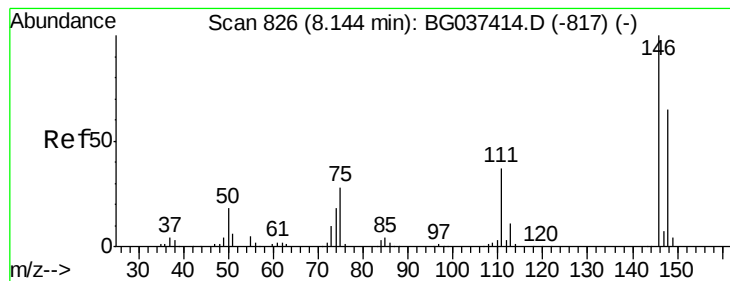
Tgt Ion: 93 Resp: 3831
 Ion Ratio Lower Upper
 93 100
 63 70.4 69.5 109.5
 95 23.6 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 1.054 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.47 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion: 146 Resp: 4356
 Ion Ratio Lower Upper
 146 100
 148 50.4 49.8 74.8
 75 34.4 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 1.096 ng

RT: 8.15 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

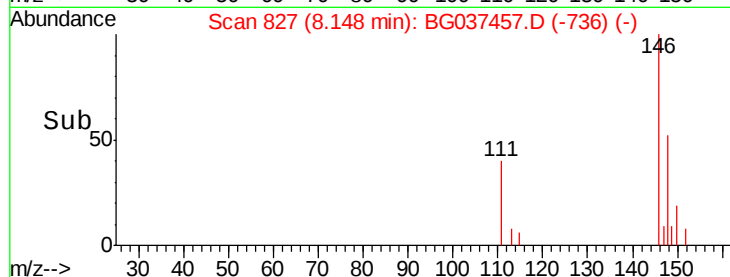
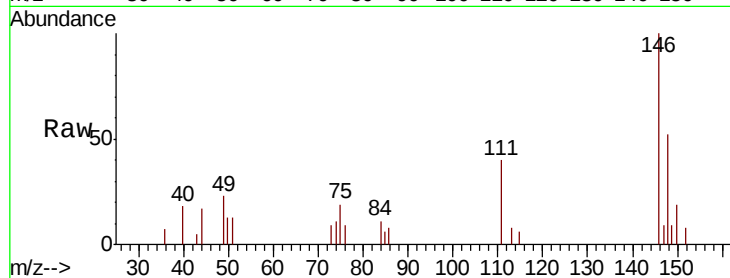
Tgt Ion:146 Resp: 4631

Ion Ratio Lower Upper

146 100

148 52.1 51.0 76.6

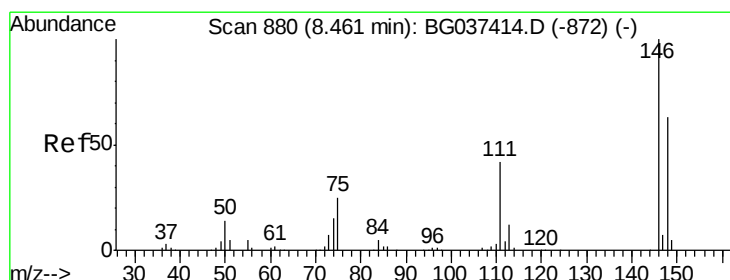
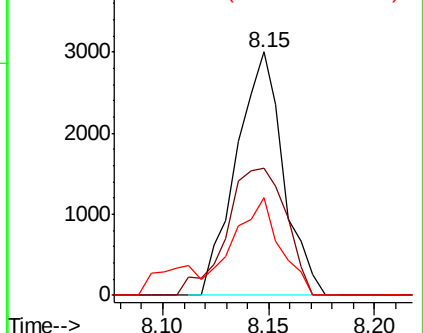
111 40.2 32.4 48.6



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: 1.139 ng

RT: 8.15 min Scan# 827

Delta R.T. -0.31 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

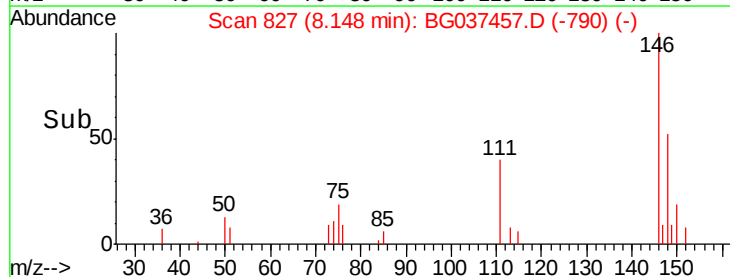
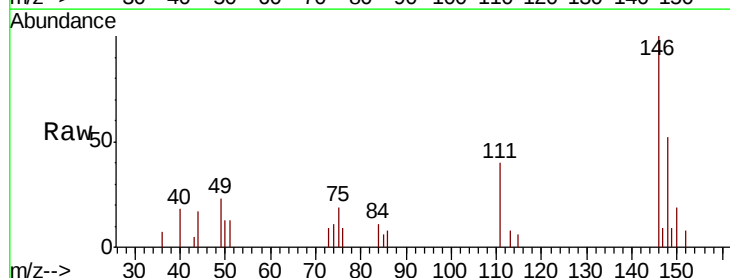
Tgt Ion:146 Resp: 4631

Ion Ratio Lower Upper

146 100

148 52.1 50.4 75.6

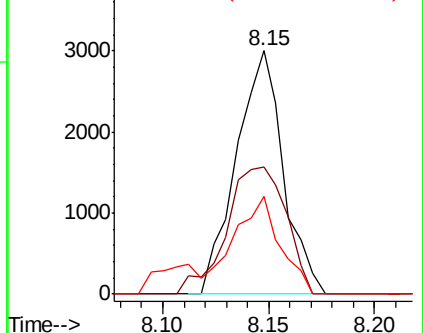
111 40.2 34.6 51.8

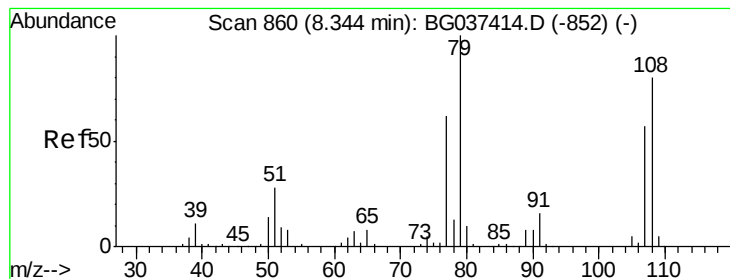


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.845 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

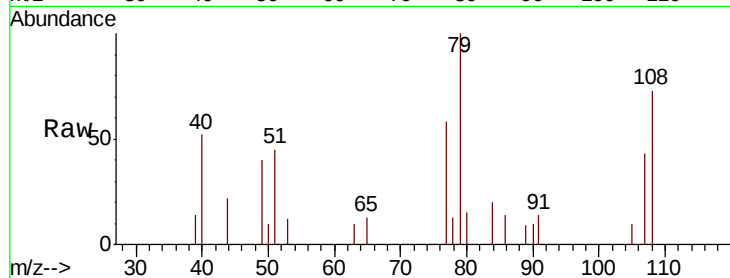
Tgt Ion: 79 Resp: 2995

Ion Ratio Lower Upper

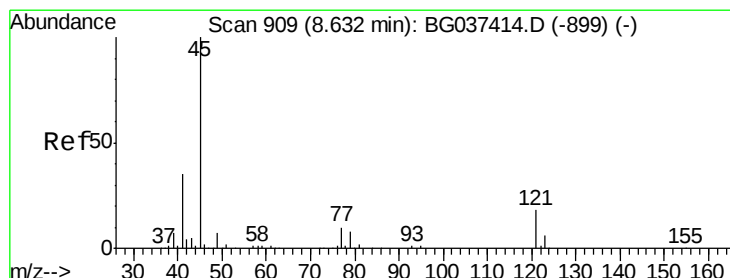
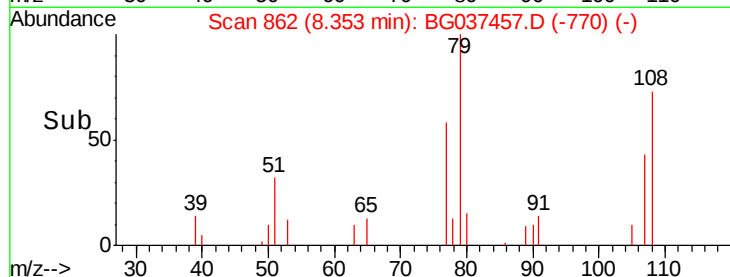
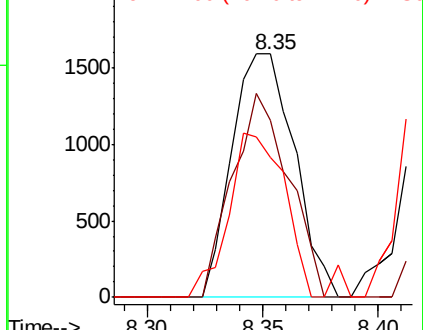
79 100

108 72.6 65.8 98.8

77 57.5 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: 0.993 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

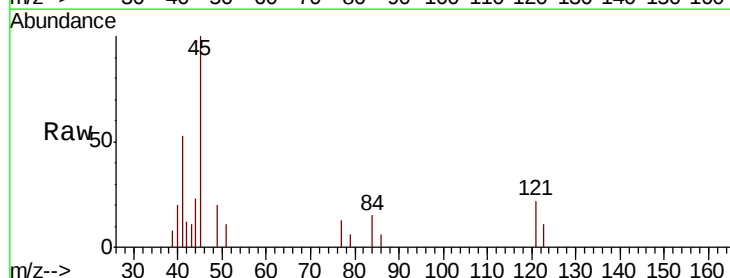
Tgt Ion: 45 Resp: 6831

Ion Ratio Lower Upper

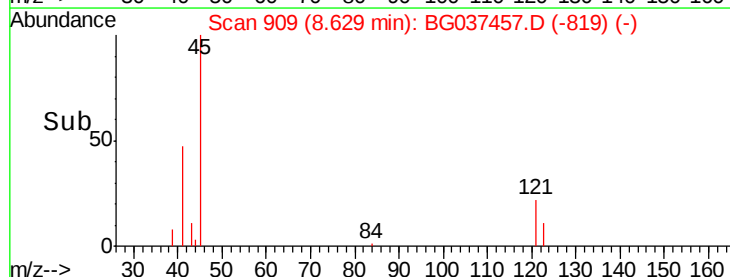
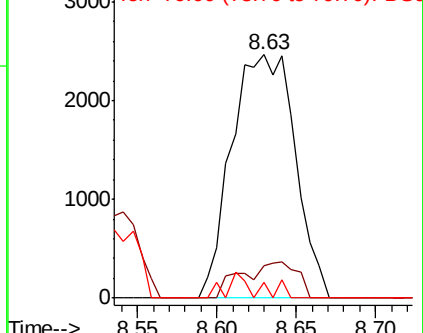
45 100

77 13.5 0.0 30.0

79 6.3 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

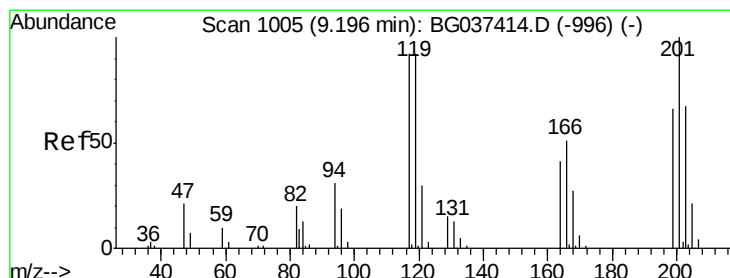
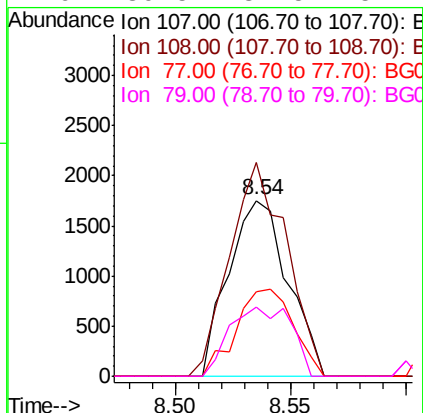
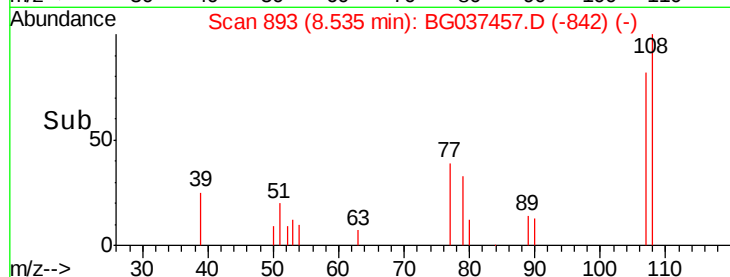
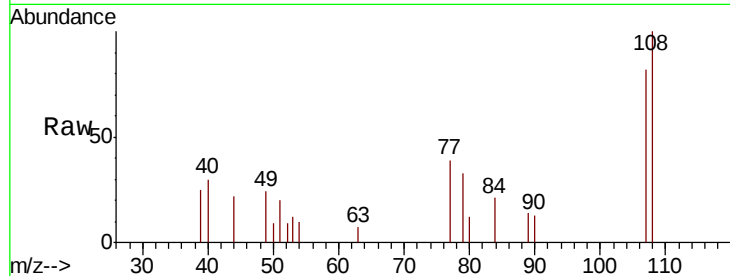




#17
2-Methylphenol
Concen: 0.934 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

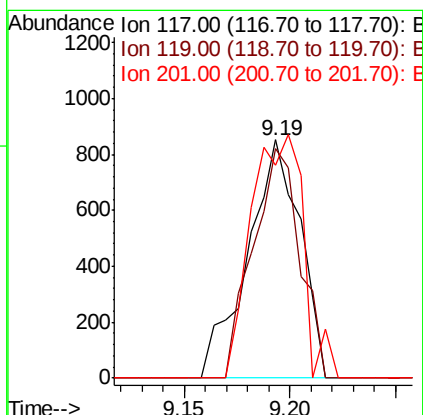
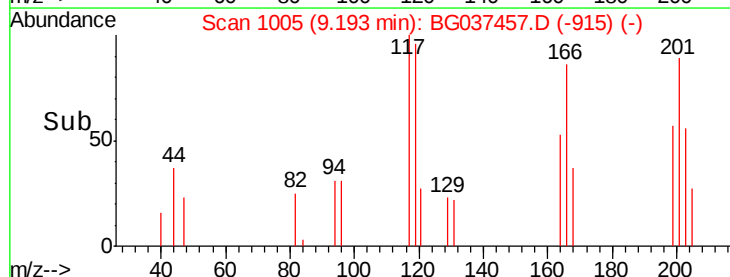
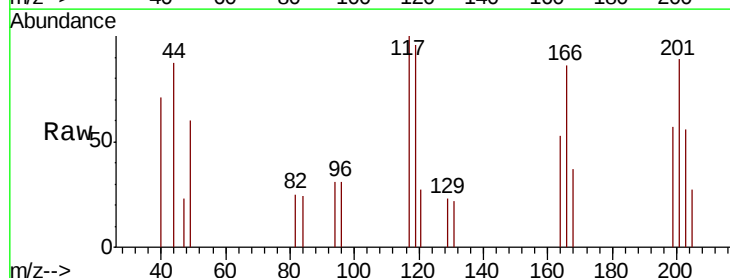
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

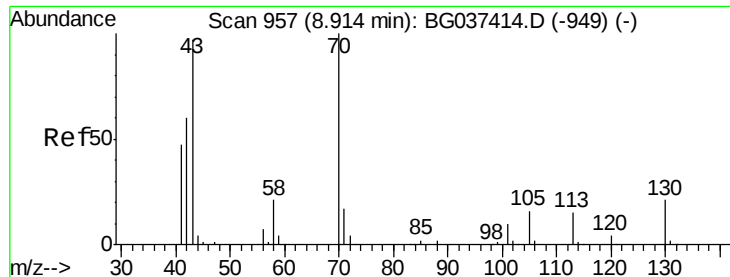
Tgt Ion:	107	Resp:	3125
Ion	Ratio	Lower	Upper
107	100		
108	121.6	87.9	131.9
77	47.7	35.1	52.7
79	39.5	34.5	51.7



#18
Hexachloroethane
Concen: 1.024 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:	117	Resp:	1476
Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.6	111.8
201	89.3	80.8	121.2

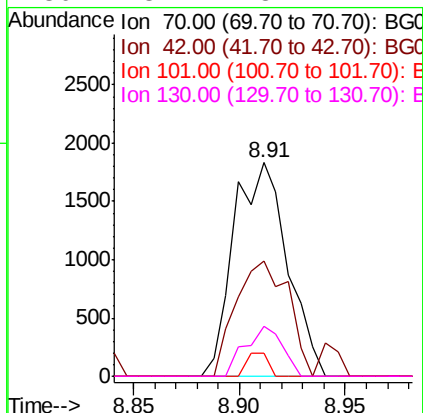
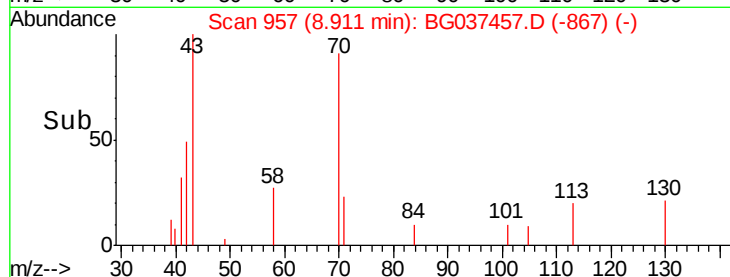
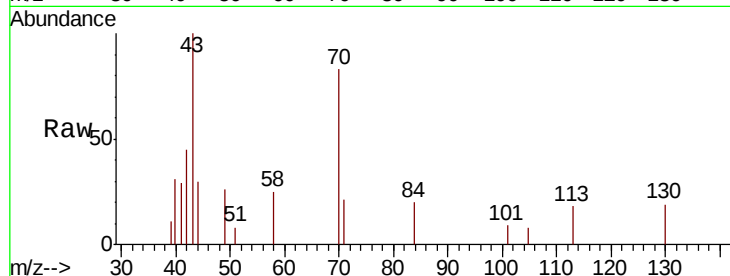




#19
n-Nitroso-di-n-propylamine
Concen: 0.978 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

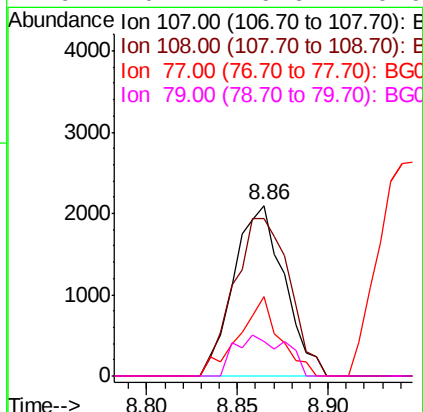
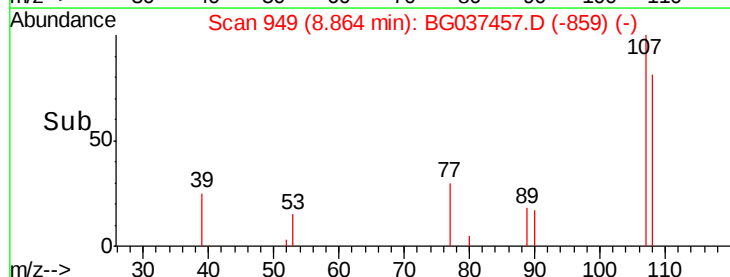
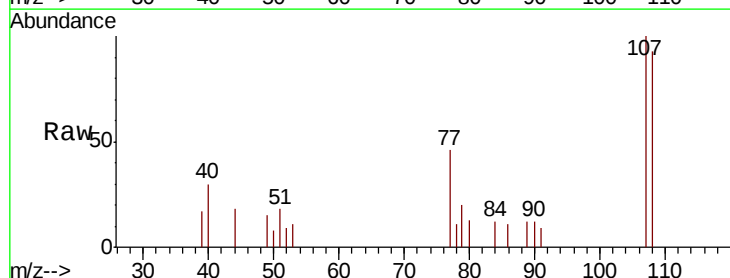
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 70 Resp: 3231
Ion Ratio Lower Upper
70 100
42 54.1 53.9 80.9
101 11.1 8.2 12.2
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 0.849 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 107 Resp: 4061
Ion Ratio Lower Upper
107 100
108 92.5 69.9 109.9
77 46.2 11.2 51.2
79 20.1 6.6 46.6

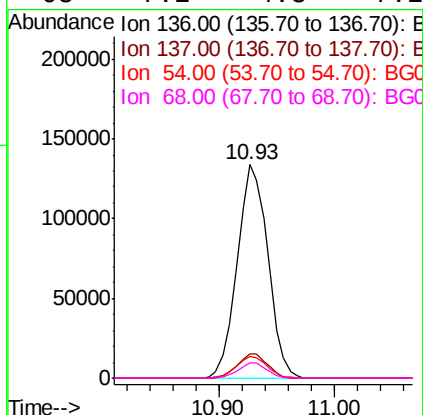
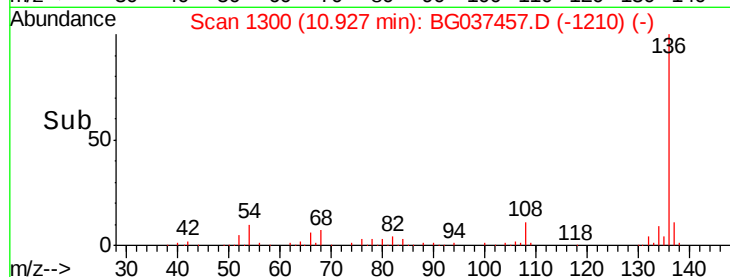
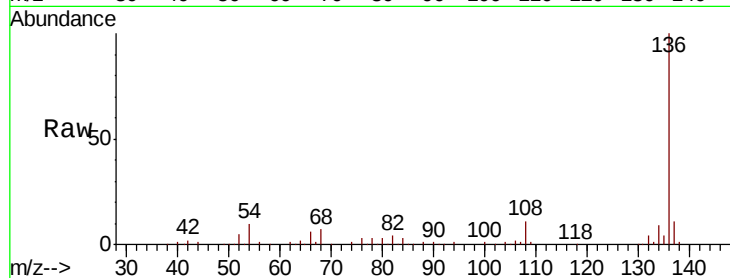




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

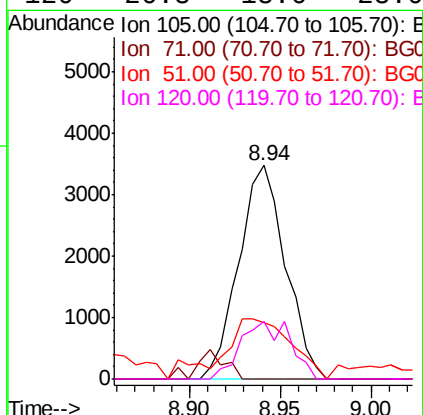
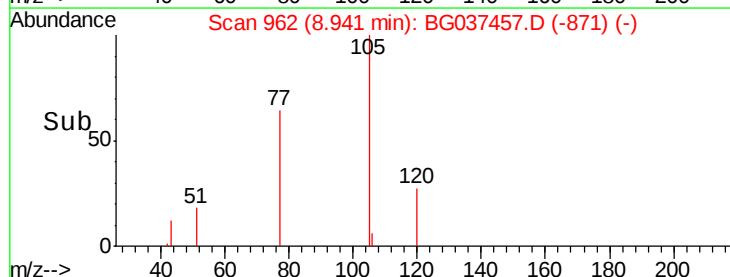
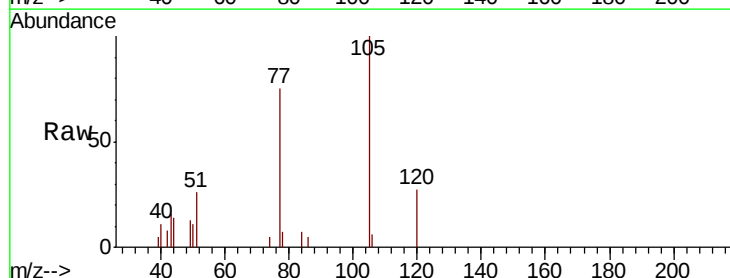
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	136	Resp:	246937
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.2	7.9	11.9
68	7.2	4.8	7.2



#22
Acetophenone
Concen: 1.006 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:	105	Resp:	6230
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	26.2	25.0	37.6
120	26.8	18.6	28.0

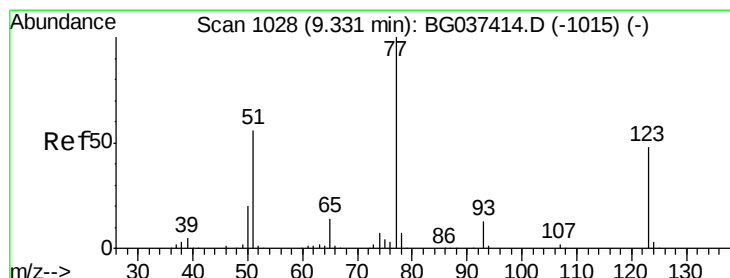
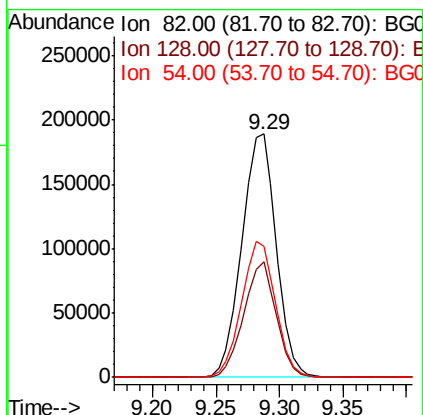
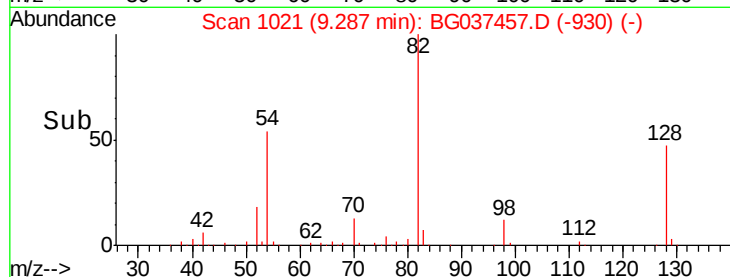
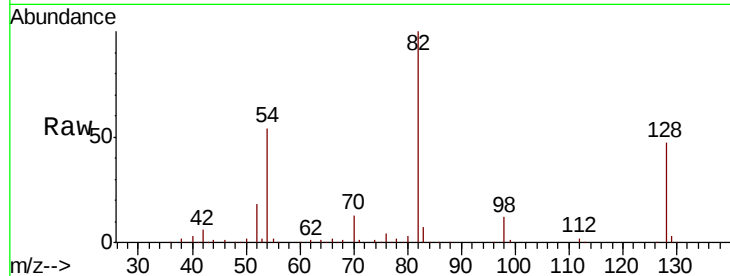




#23
 Nitrobenzene-d5
 Concen: 81.147 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

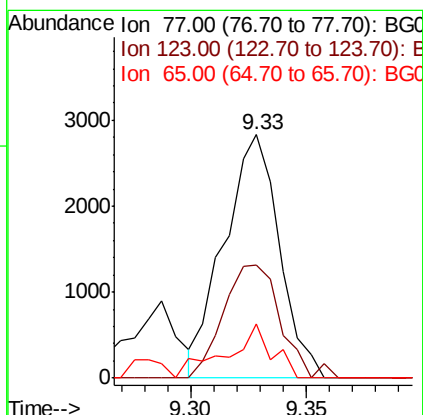
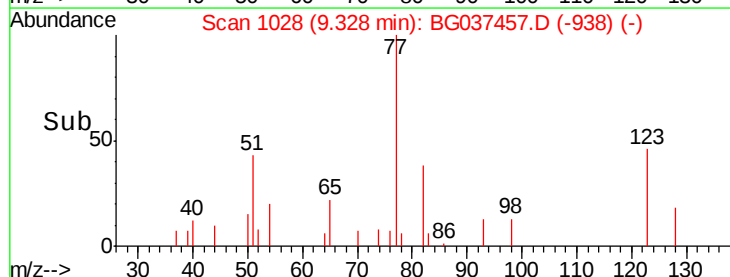
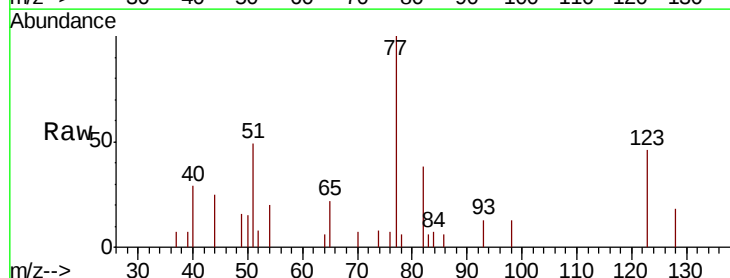
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

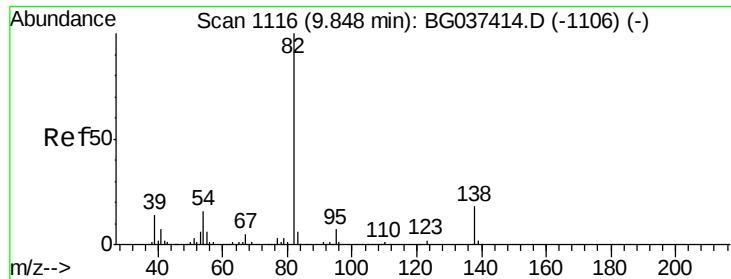
Tgt Ion: 82 Resp: 357705
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 51.8
 54 54.0 45.3 67.9



#24
 Nitrobenzene
 Concen: 1.027 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion: 77 Resp: 4702
 Ion Ratio Lower Upper
 77 100
 123 46.2 33.6 50.4
 65 22.2 11.3 16.9#





#25

Isophorone

Concen: 1.080 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

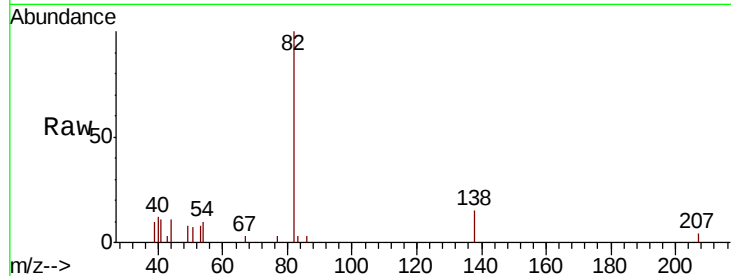
Tgt Ion: 82 Resp: 8696

Ion Ratio Lower Upper

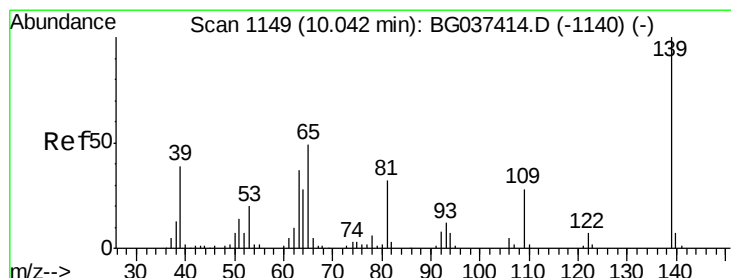
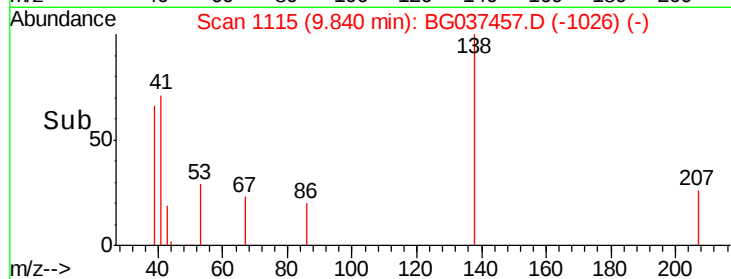
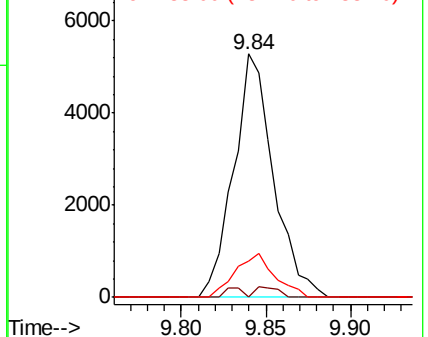
82 100

95 0.0 5.3 7.9#

138 14.9 13.3 19.9



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



#26

2-Nitrophenol

Concen: 0.670 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

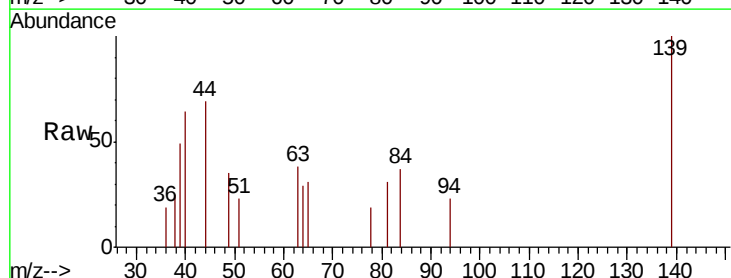
Tgt Ion: 139 Resp: 1382

Ion Ratio Lower Upper

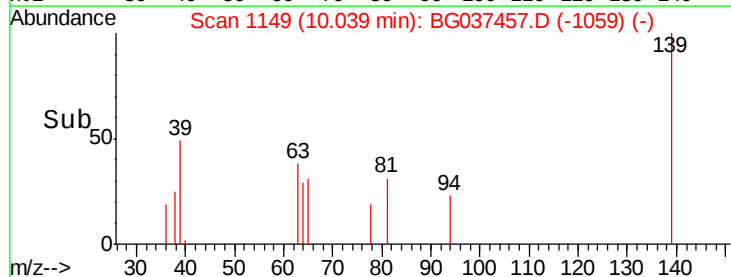
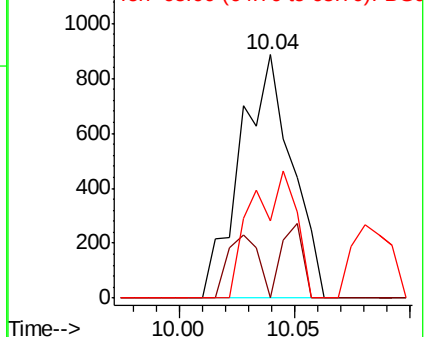
139 100

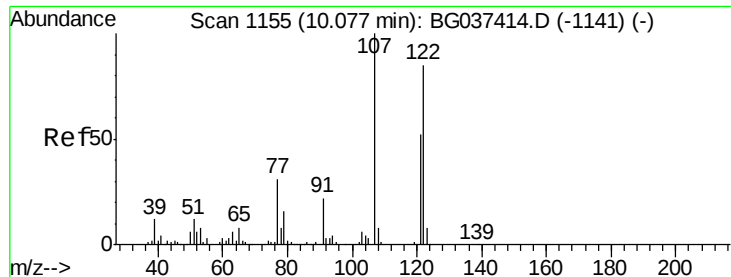
109 0.0 23.3 34.9#

65 31.5 39.8 59.8#



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

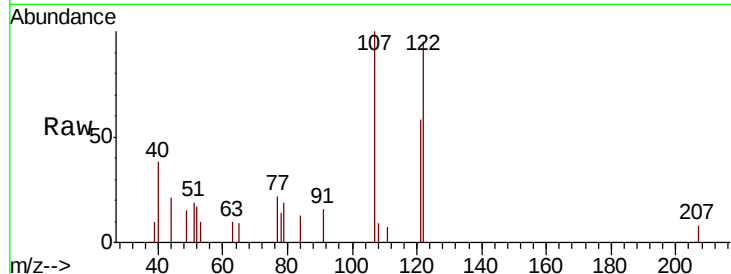




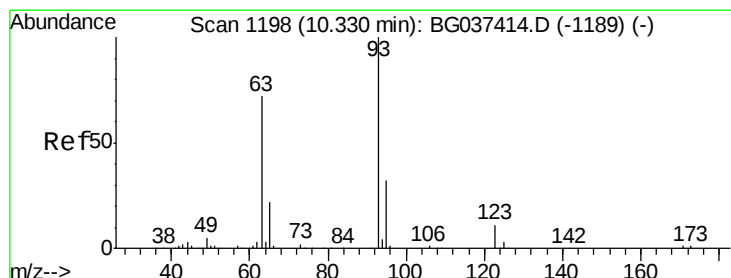
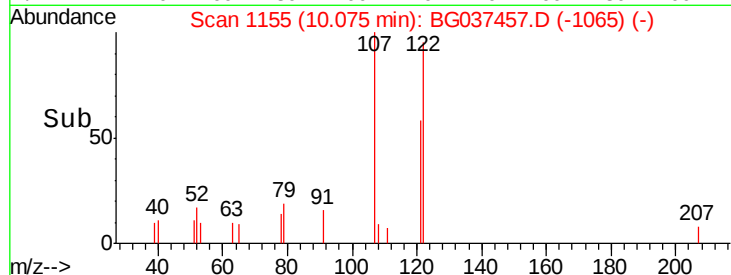
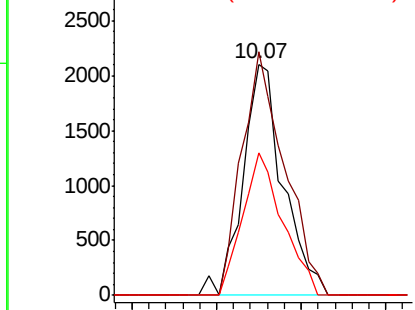
#27
 2,4-Dimethylphenol
 Concen: 0.943 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

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

Tgt Ion:122 Resp: 3472
 Ion Ratio Lower Upper
 122 100
 107 105.3 94.2 141.2
 121 61.6 47.3 70.9

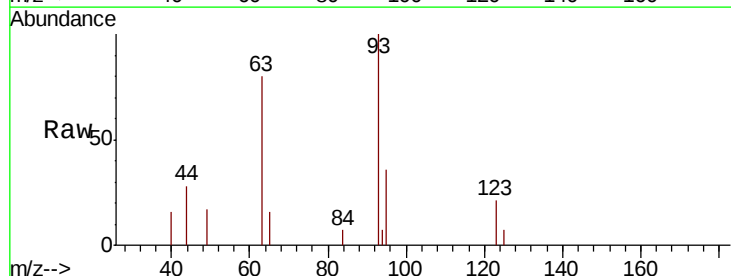


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

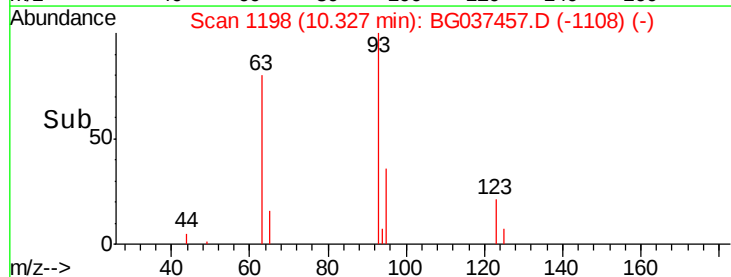
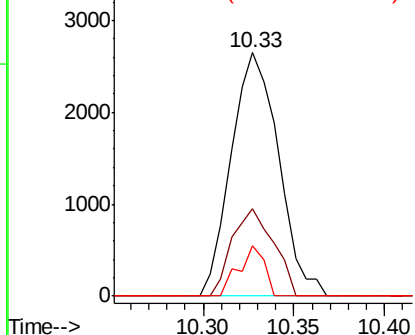


#28
 bis(2-Chloroethoxy)methane
 Concen: 0.913 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion: 93 Resp: 4817
 Ion Ratio Lower Upper
 93 100
 95 35.7 24.6 37.0
 123 20.9 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

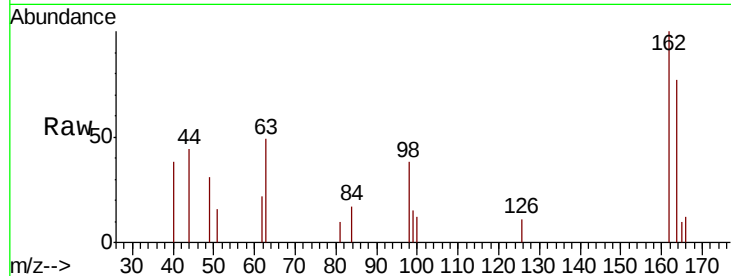




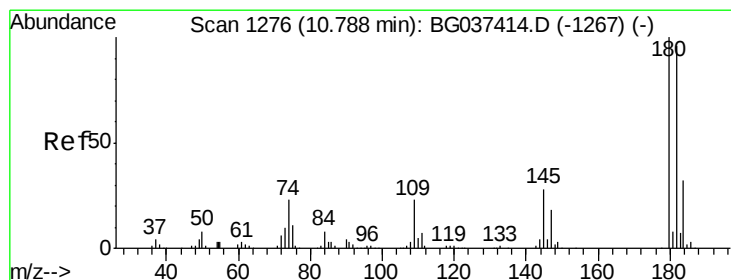
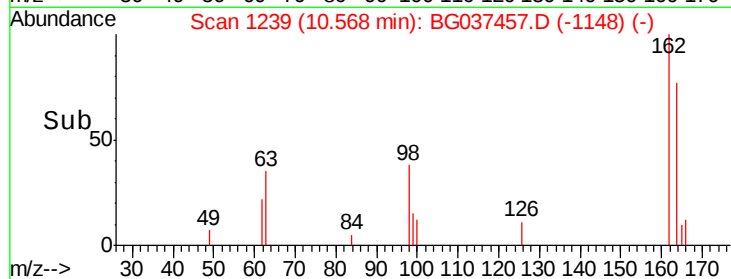
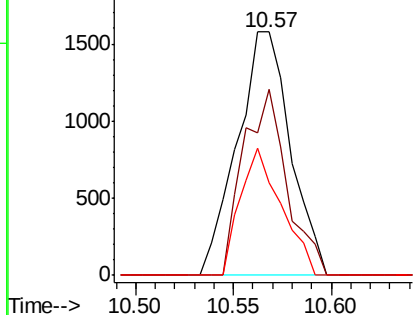
#29
2,4-Dichlorophenol
Concen: 0.726 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

Tgt Ion:162 Resp: 2978
Ion Ratio Lower Upper
162 100
164 76.6 43.2 83.2
98 38.2 16.0 56.0

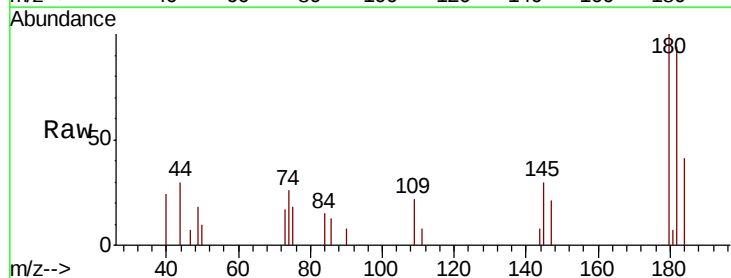


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

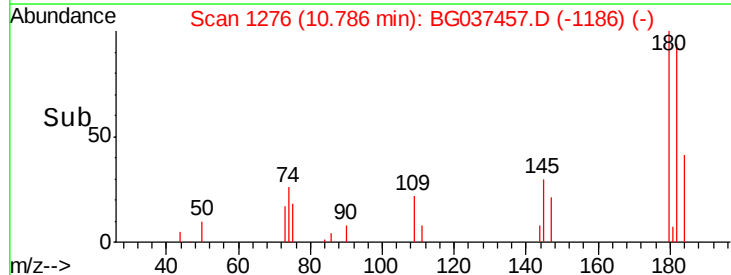
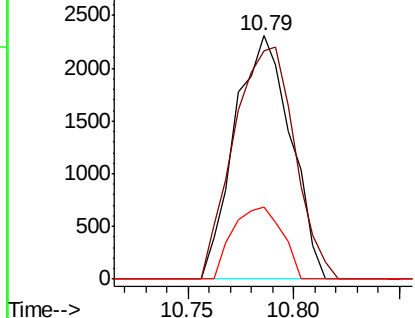


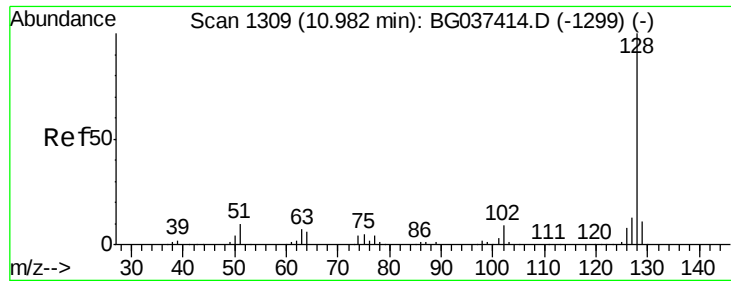
#30
1,2,4-Trichlorobenzene
Concen: 0.950 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:180 Resp: 4237
Ion Ratio Lower Upper
180 100
182 93.8 77.7 116.5
145 29.8 23.3 34.9



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

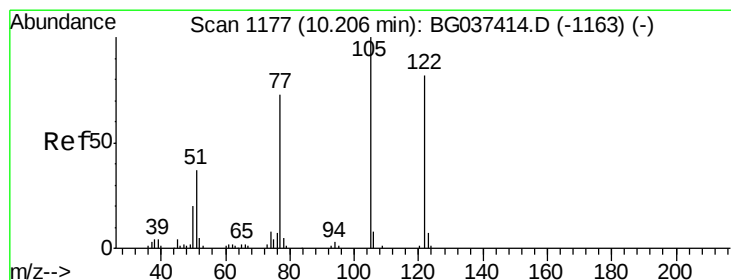
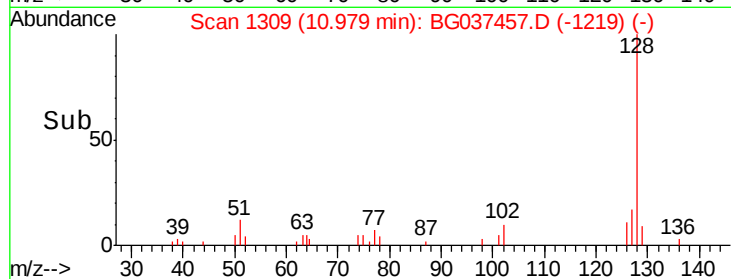
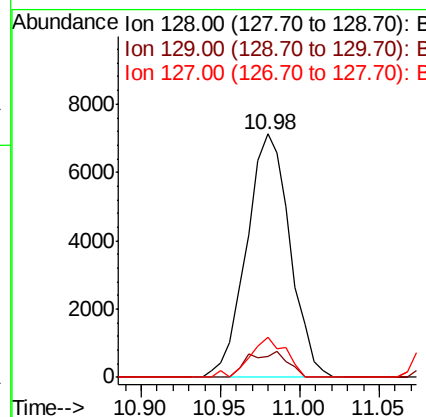
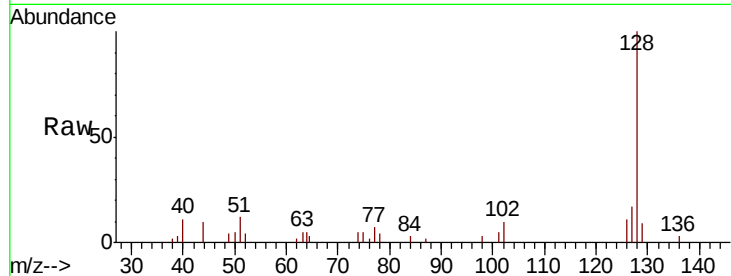




#31
Naphthalene
Concen: 1.116 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

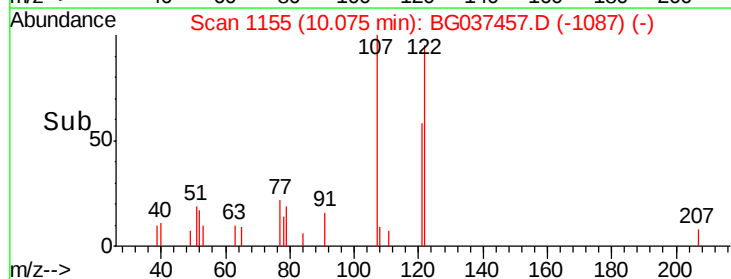
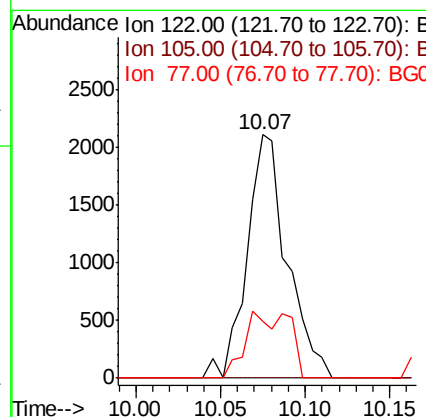
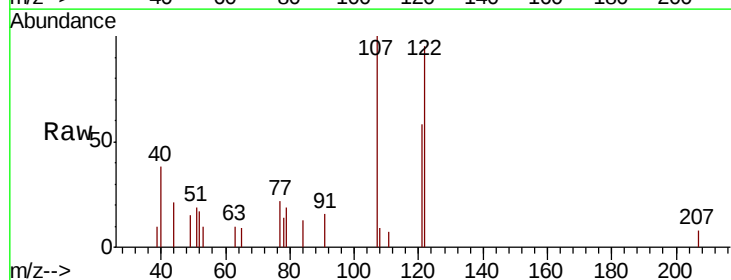
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:128 Resp: 13537
Ion Ratio Lower Upper
128 100
129 8.8 9.0 13.6#
127 16.6 11.1 16.7



#32
Benzoic acid
Concen: 1.451 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:122 Resp: 3472
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 23.1 72.2 112.2#

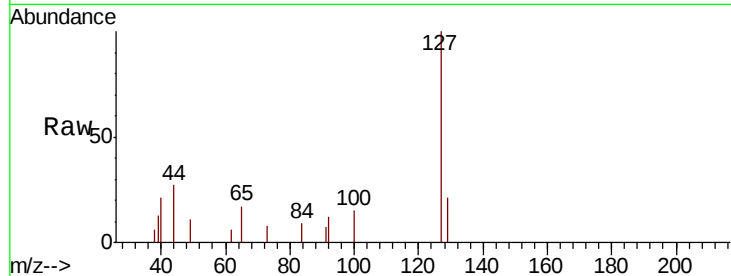




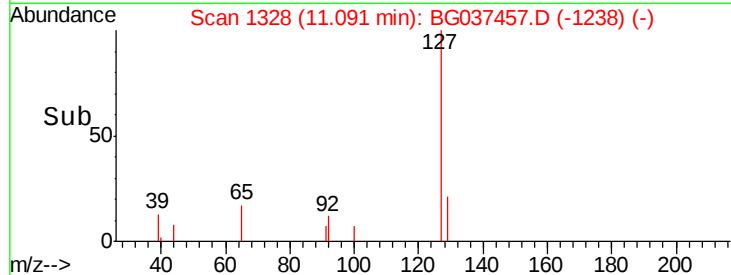
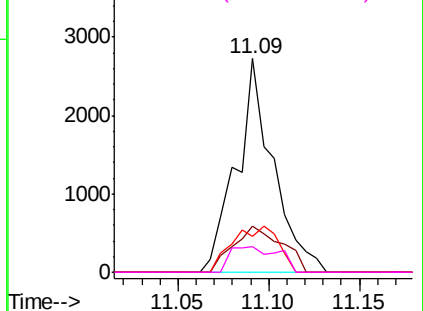
#33
4-Chloroaniline
Concen: 0.672 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

Tgt Ion:	127	Resp:	3832
Ion	Ratio	Lower	Upper
127	100		
129	21.4	27.1	40.7#
65	16.5	26.6	39.8#
92	11.9	16.4	24.6#

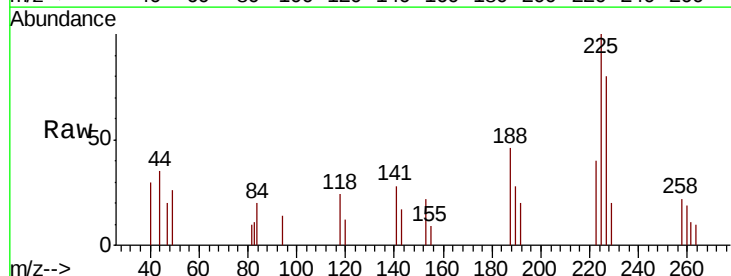


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

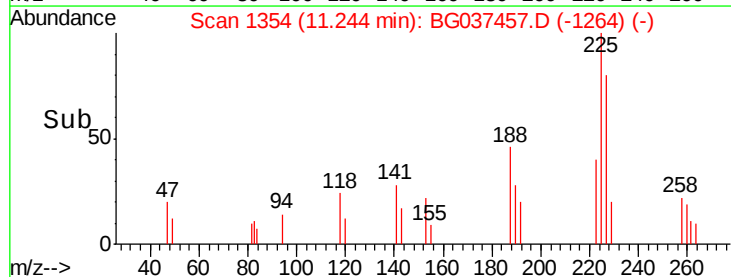
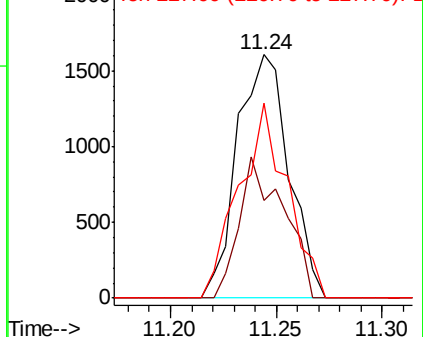


#34
Hexachlorobutadiene
Concen: 1.031 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:	225	Resp:	2724
Ion	Ratio	Lower	Upper
225	100		
223	40.2	48.2	72.4#
227	80.3	51.6	77.4#



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





#35

Caprolactam

Concen: 0.500 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

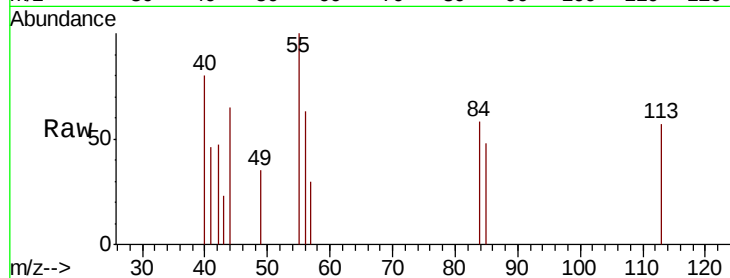
Tgt Ion:113 Resp: 823

Ion Ratio Lower Upper

113 100

55 176.5 176.6 216.6#

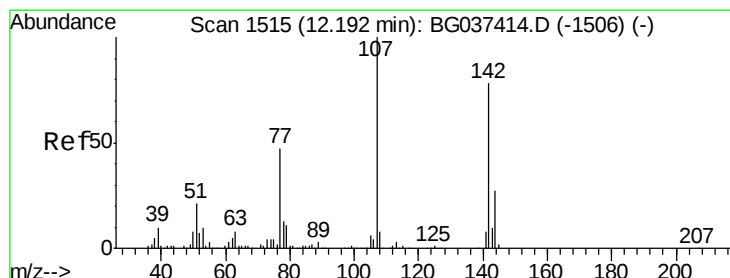
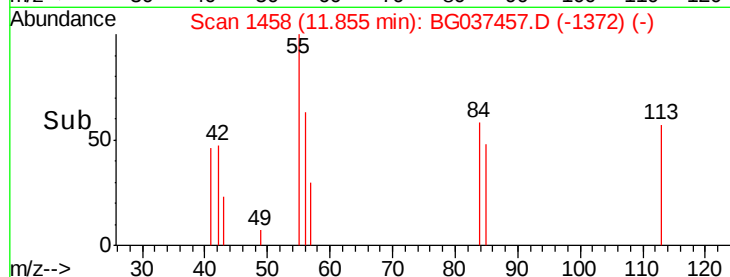
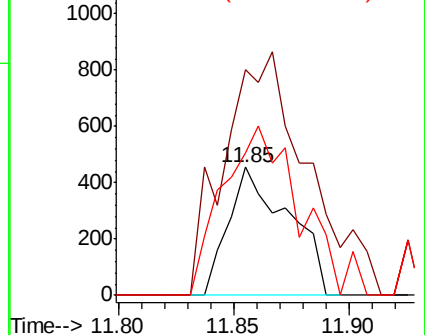
56 111.6 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 0.818 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

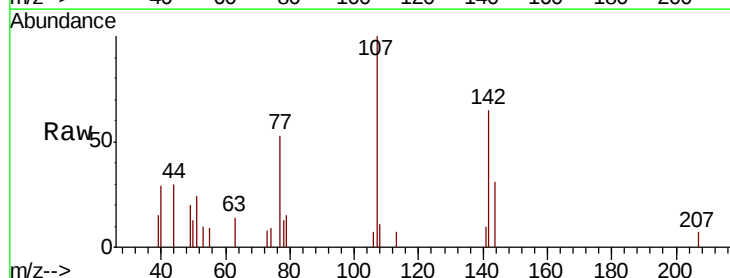
Tgt Ion:107 Resp: 3785

Ion Ratio Lower Upper

107 100

144 31.0 20.7 31.1

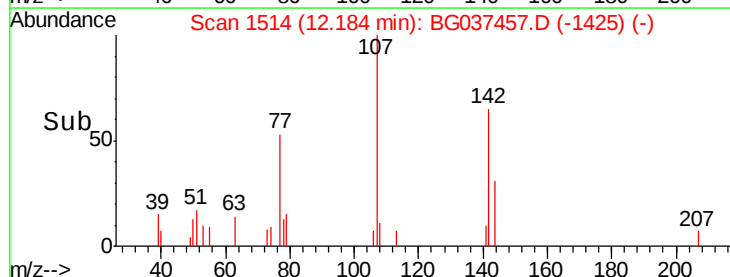
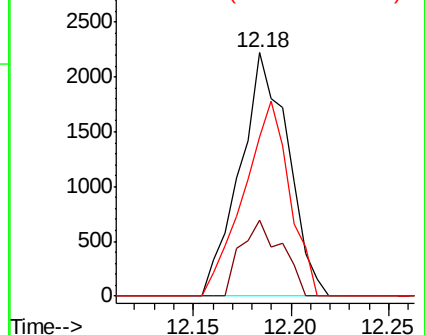
142 65.4 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

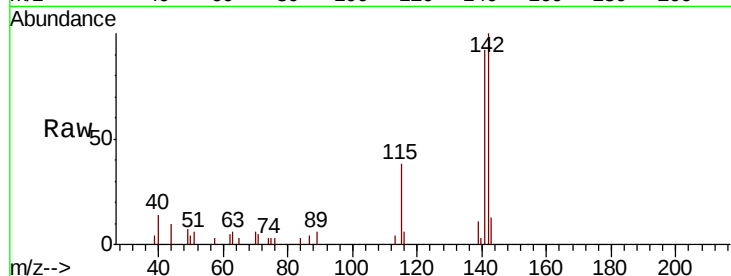




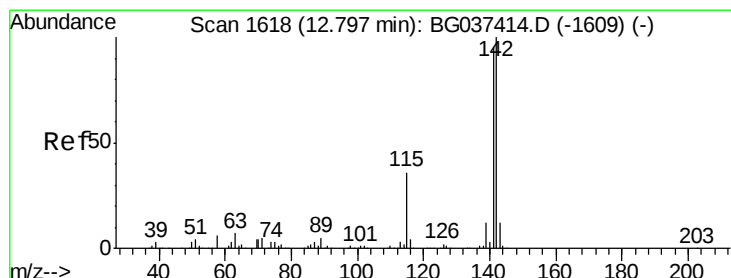
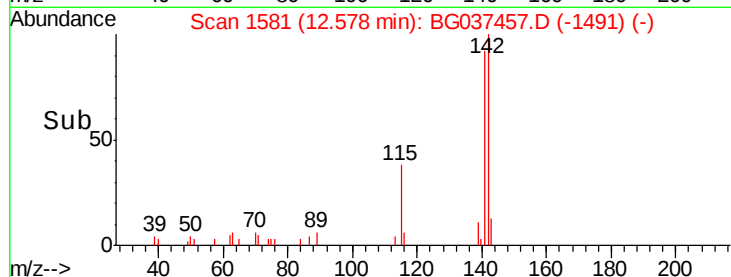
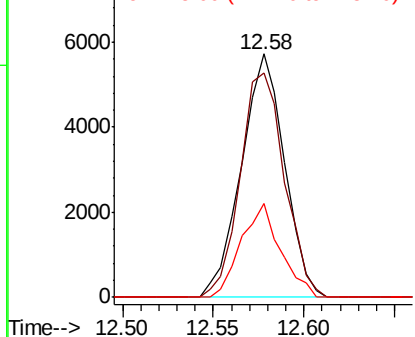
#37
2-Methylnaphthalene
Concen: 1.070 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

Tgt Ion:142 Resp: 9458
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9
115 38.4 27.8 41.8

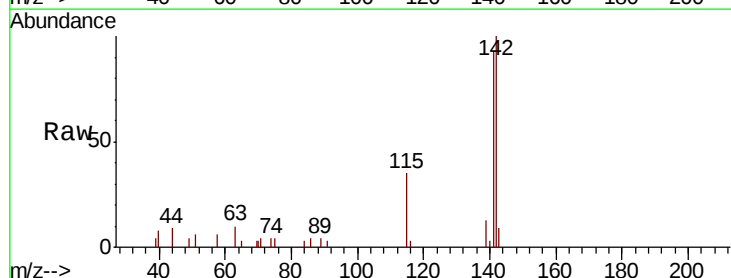


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

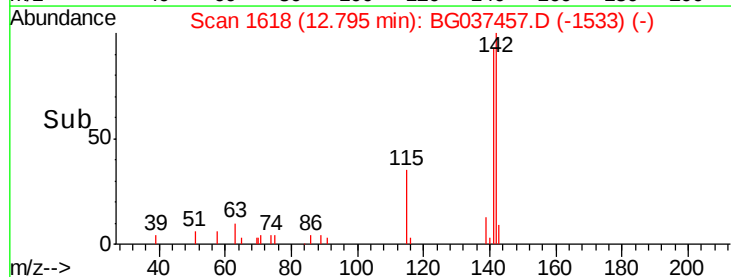
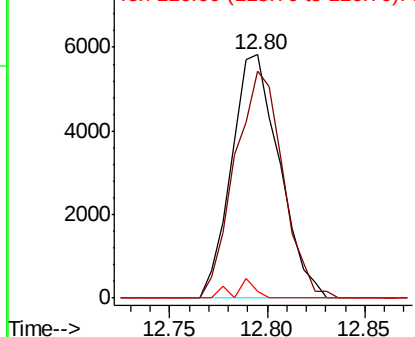


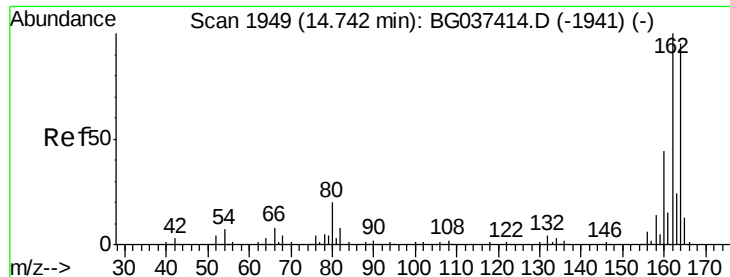
#38
1-Methylnaphthalene
Concen: 1.153 ng
RT: 12.80 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:142 Resp: 9899
Ion Ratio Lower Upper
142 100
141 93.1 75.2 112.8
116 2.8 3.3 4.9#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

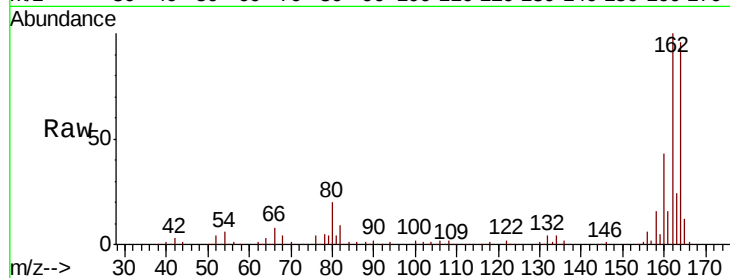
Tgt Ion:164 Resp: 167280

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 45.2 36.3 54.5

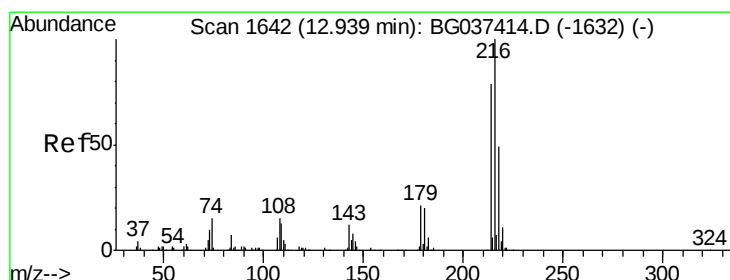
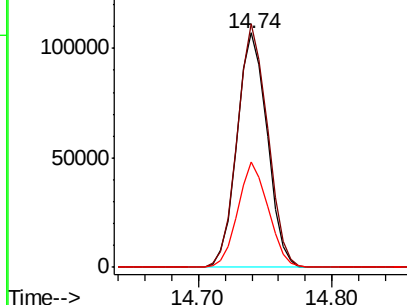
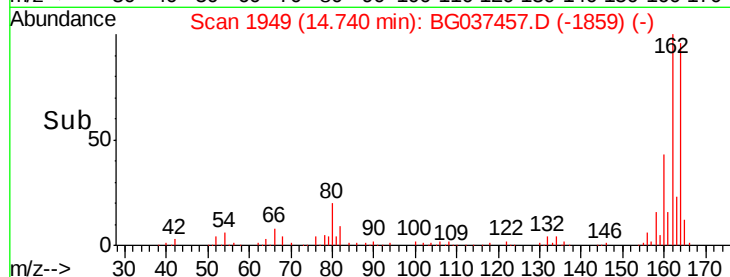


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.935 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Tgt Ion:216 Resp: 5044

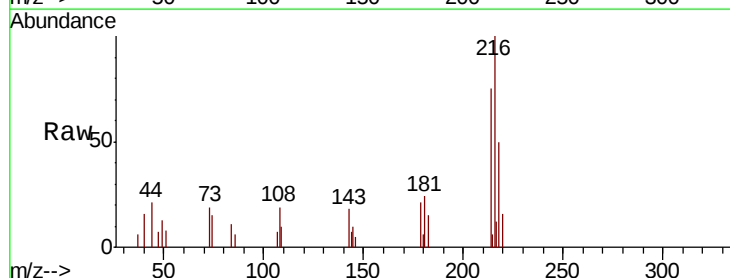
Ion Ratio Lower Upper

216 100

214 81.4 63.8 95.6

179 20.2 17.4 26.0

108 13.8 13.9 20.9#



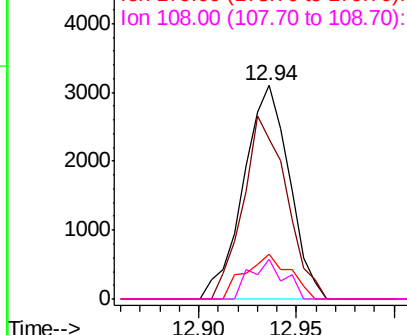
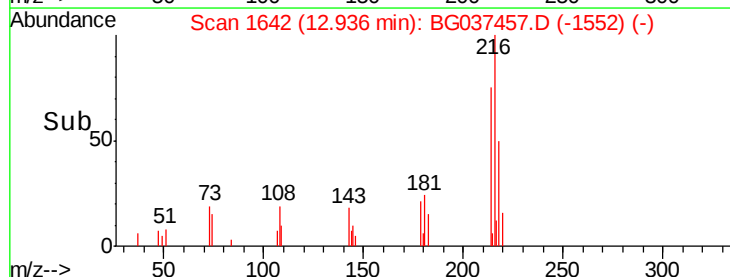
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.719 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

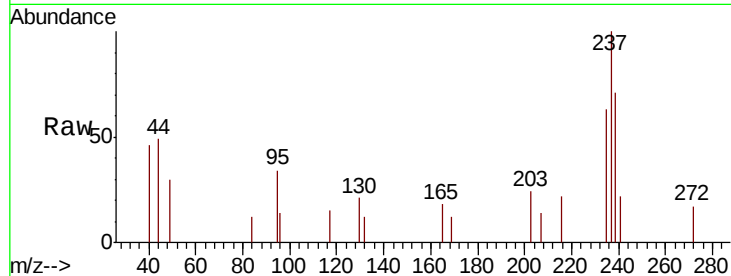
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

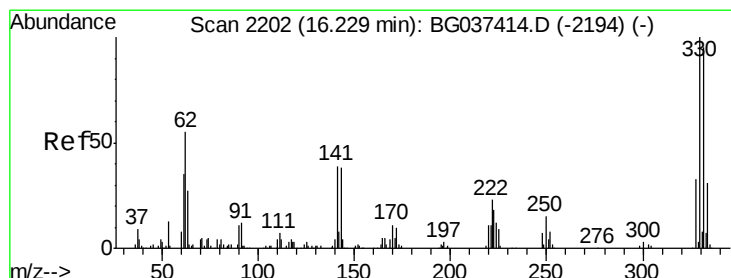
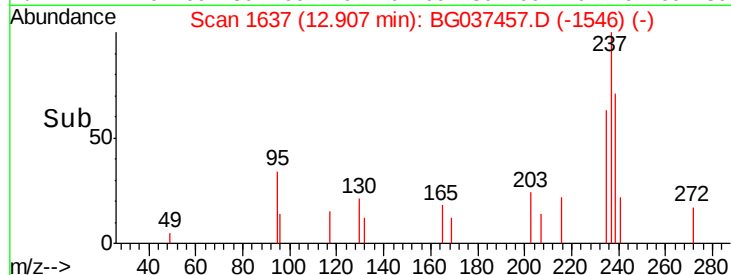
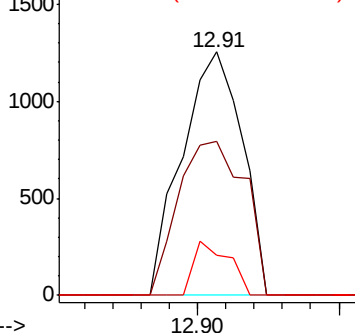
Tgt Ion:	237	Resp:	1852
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.5	82.5
272	16.7	0.0	31.6



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: 132.125 ng

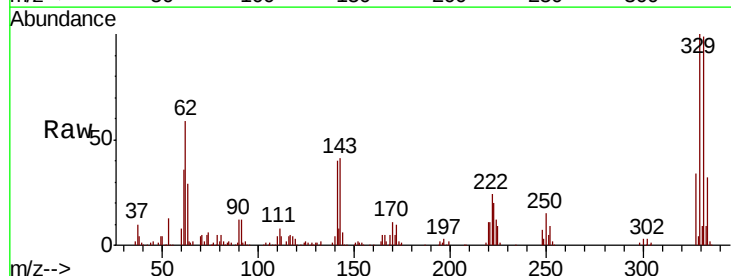
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

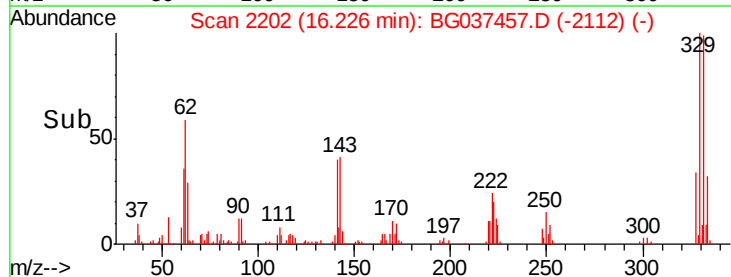
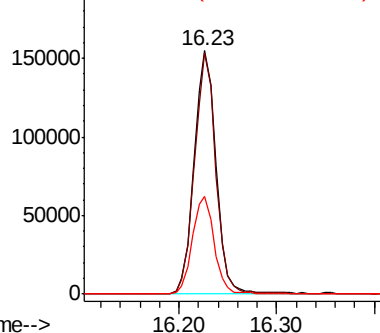
Tgt Ion:	330	Resp:	241063
Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	40.2	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

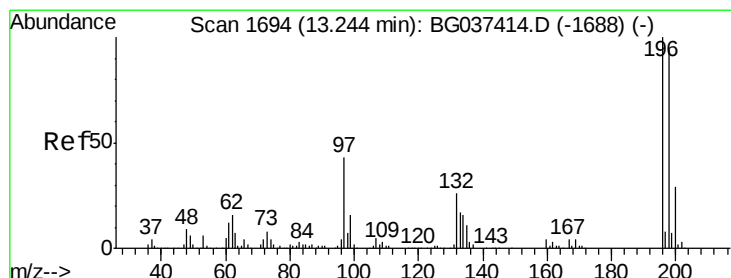
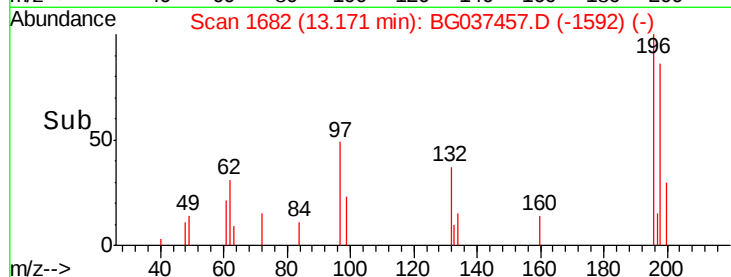
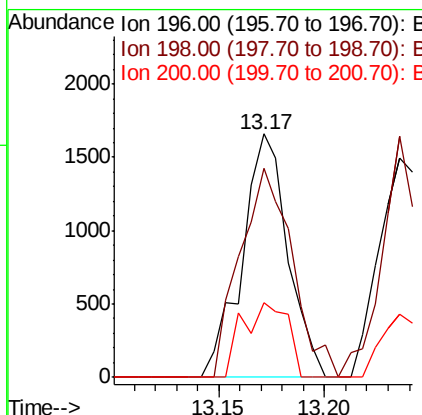
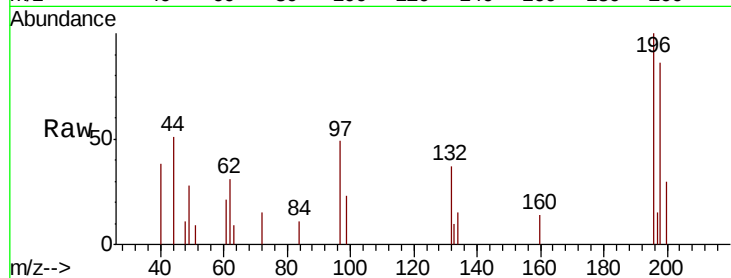




#43
 2,4,6-Trichlorophenol
 Concen: 0.693 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

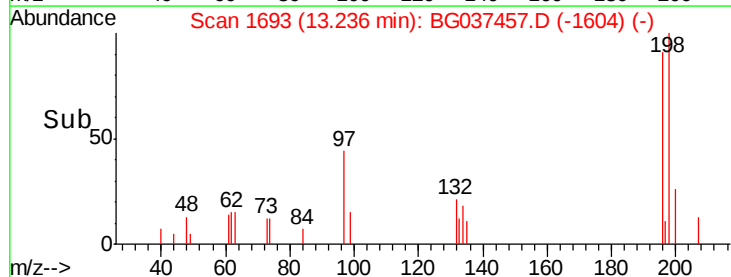
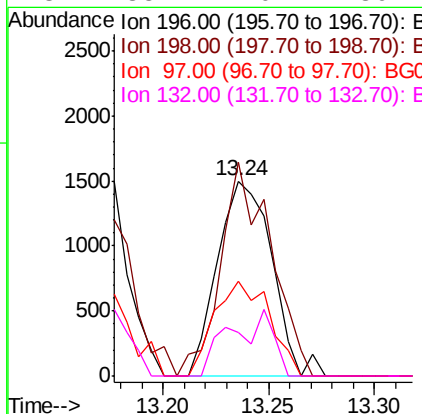
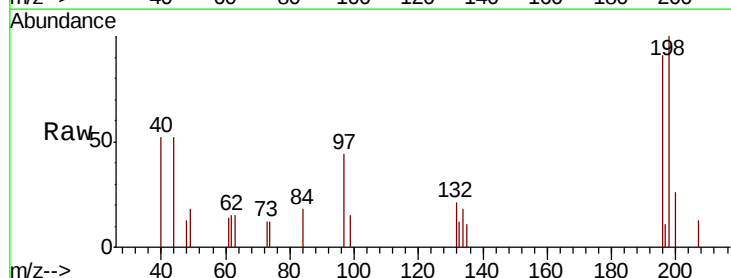
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion:196 Resp: 2498
 Ion Ratio Lower Upper
 196 100
 198 86.1 76.4 114.6
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 0.681 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion:196 Resp: 2674
 Ion Ratio Lower Upper
 196 100
 198 109.6 74.2 111.2
 97 48.4 34.1 51.1
 132 35.2 20.2 30.4#

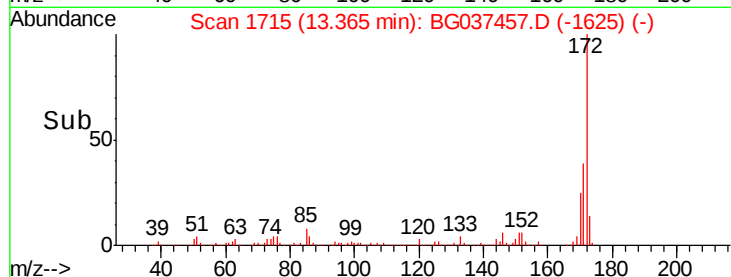
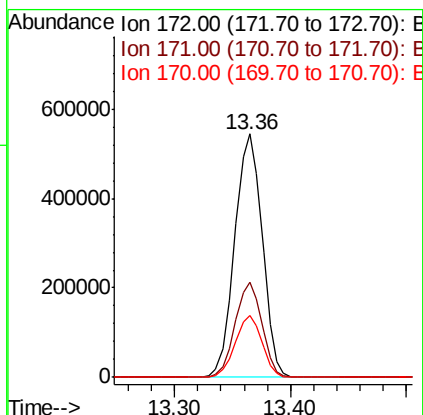
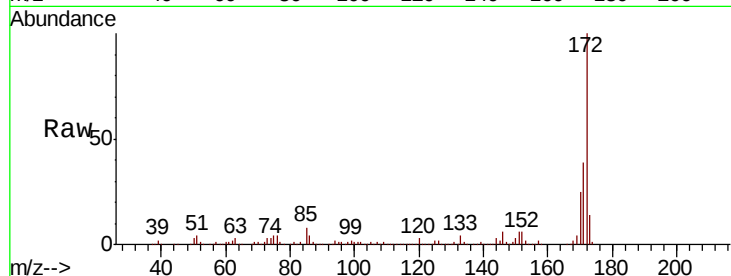




#45
 2-Fluorobiphenyl
 Concen: 80.799 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

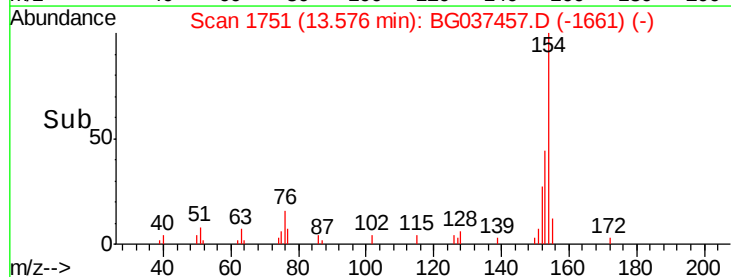
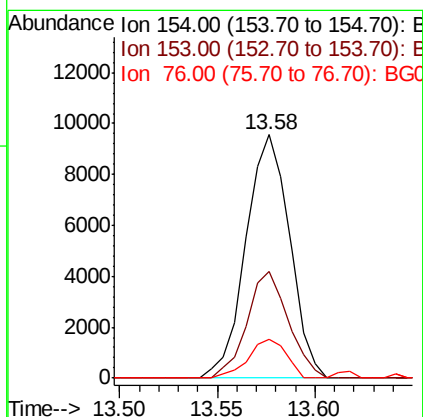
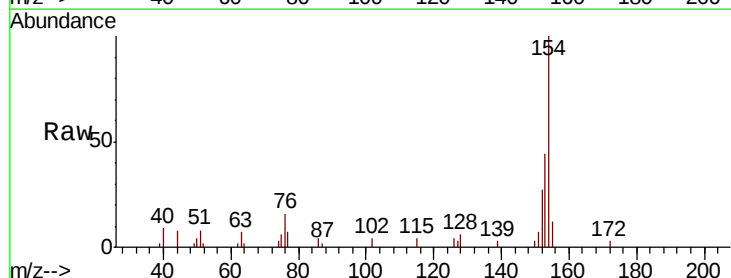
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.3	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 1.070 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	15.9	0.0	33.2

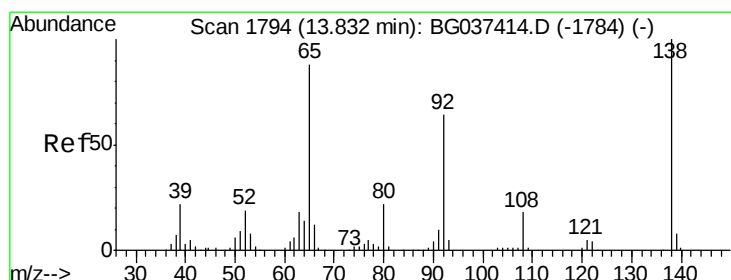
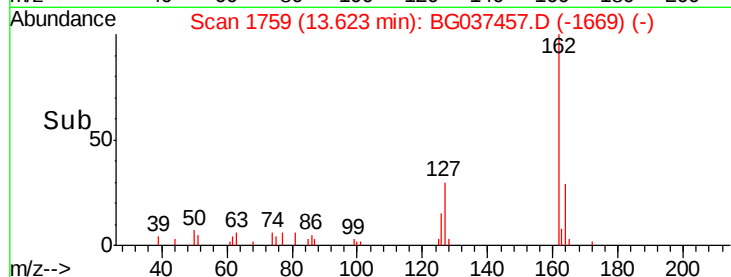
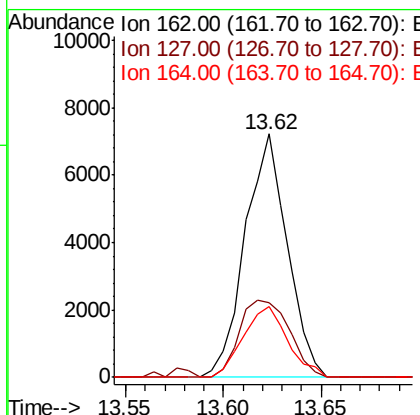
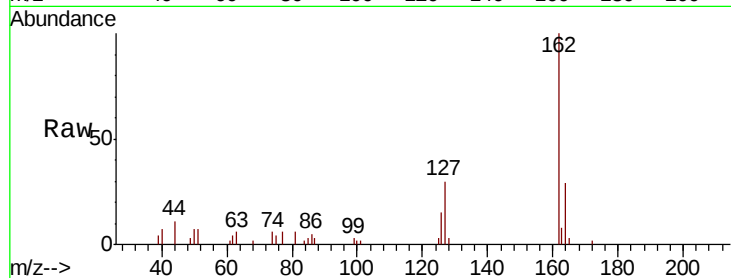




#47
2-Chloronaphthalene
Concen: 1.031 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

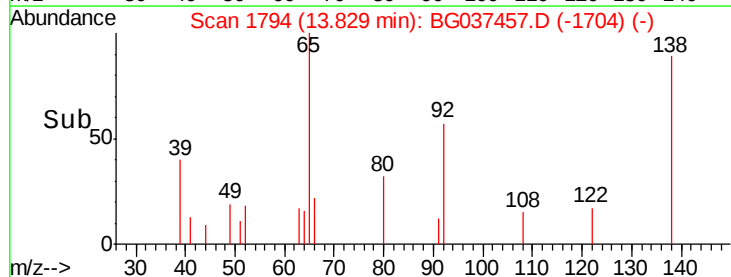
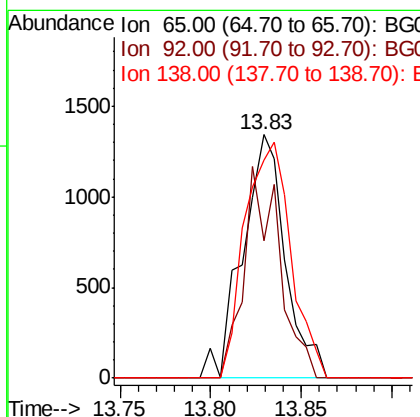
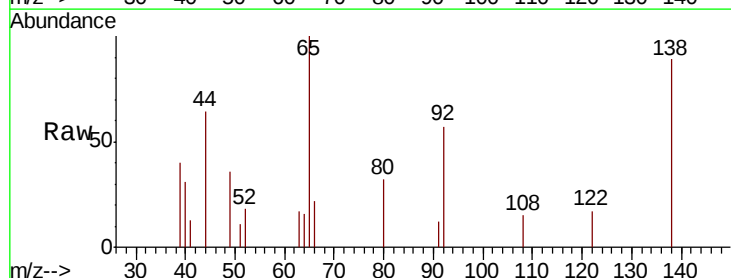
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
162	100		
127	30.5	30.5	45.7
164	29.0	26.4	39.6



#48
2-Nitroaniline
Concen: 0.692 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.7	53.2	79.8
138	89.4	79.3	118.9





#49

Acenaphthylene

Concen: 1.062 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

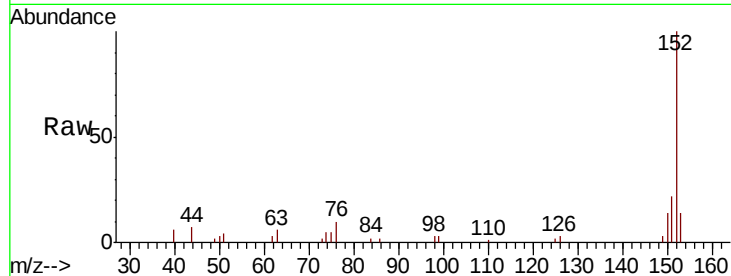
Tgt Ion:152 Resp: 16741

Ion Ratio Lower Upper

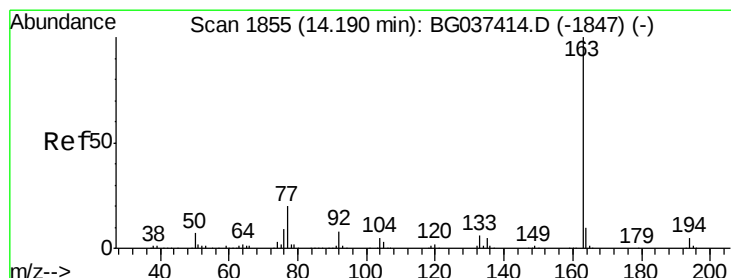
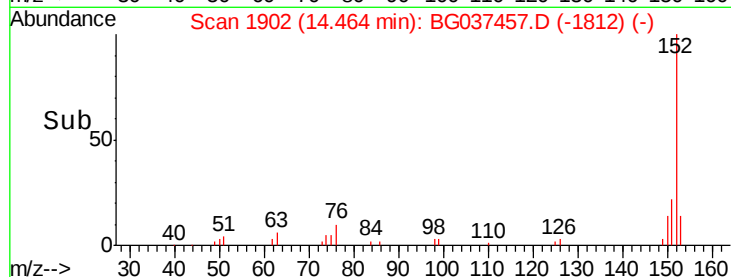
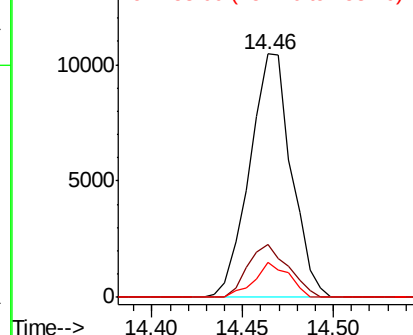
152 100

151 21.8 17.1 25.7

153 14.5 11.1 16.7



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



#50

Dimethylphthalate

Concen: 1.056 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

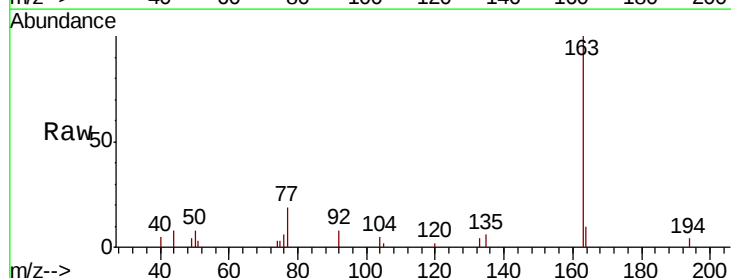
Tgt Ion:163 Resp: 13666

Ion Ratio Lower Upper

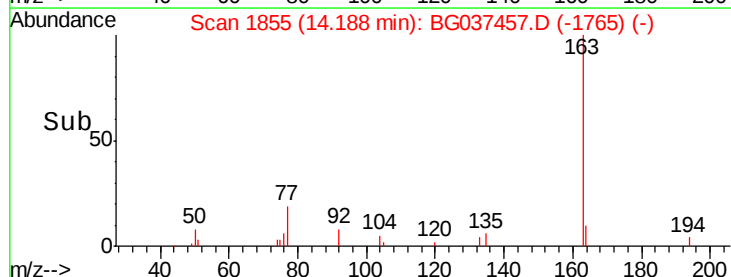
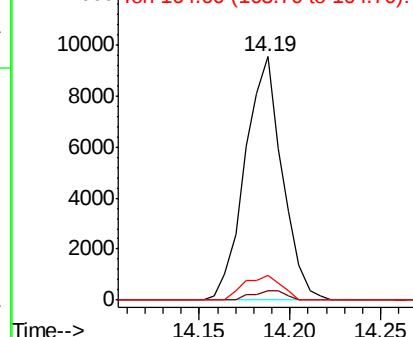
163 100

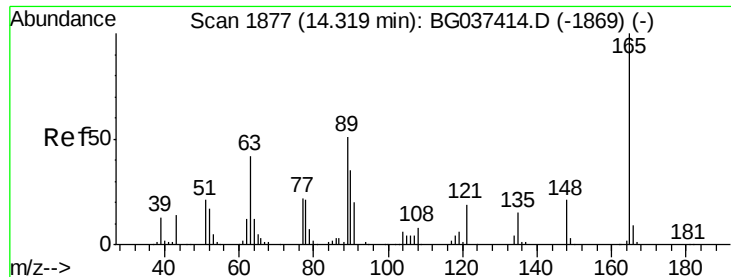
194 4.1 3.5 5.3

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.706 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

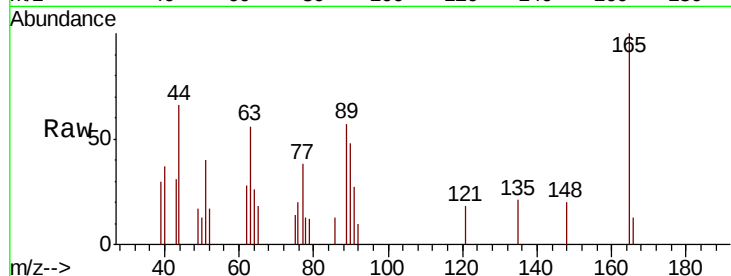
Tgt Ion:165 Resp: 2021

Ion Ratio Lower Upper

165 100

63 55.8 43.4 65.2

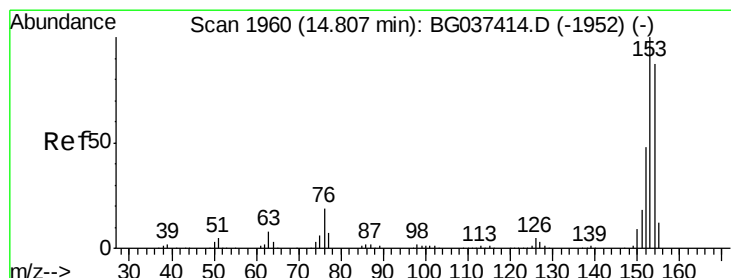
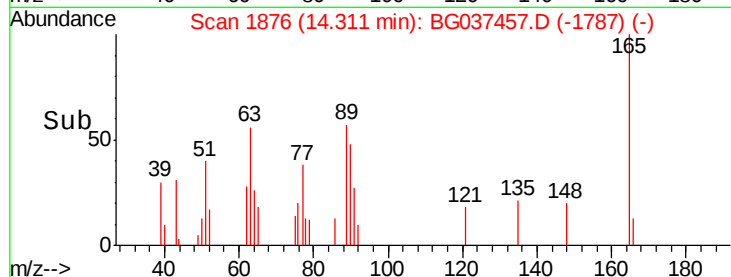
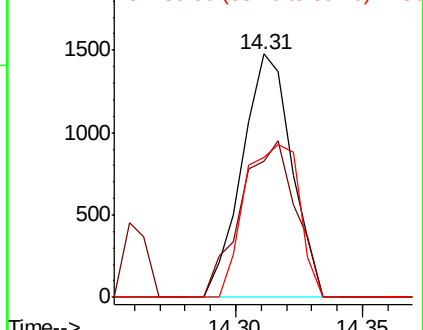
89 57.4 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 1.038 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

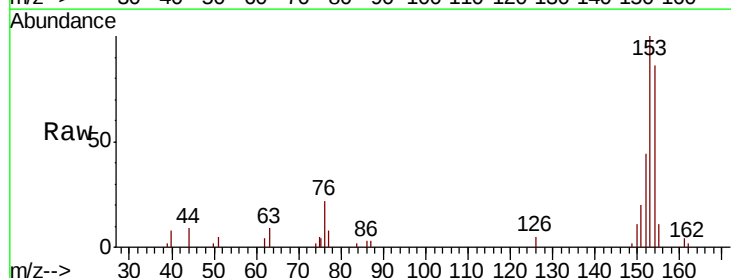
Tgt Ion:154 Resp: 10080

Ion Ratio Lower Upper

154 100

153 116.7 93.4 140.0

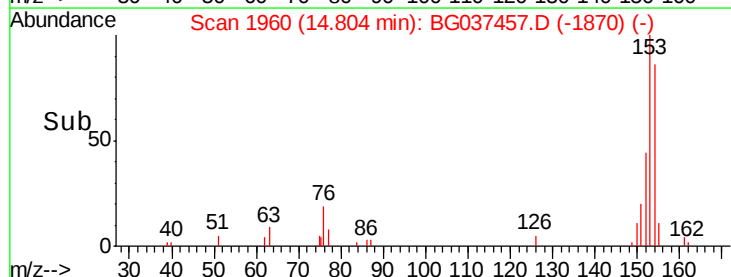
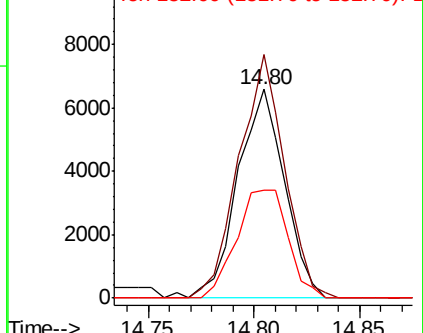
152 51.7 44.7 67.1

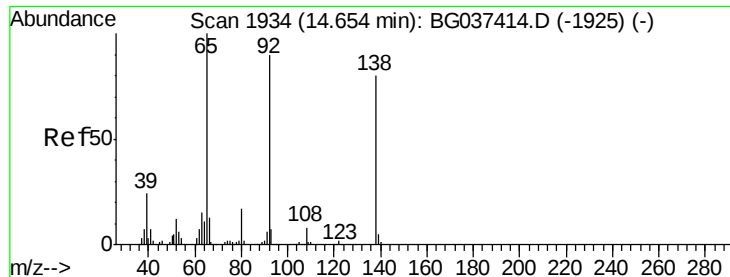


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.617 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

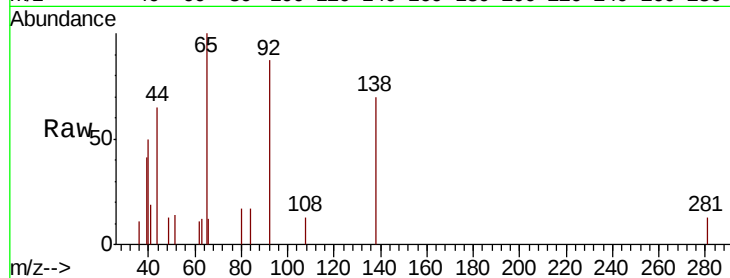
Tgt Ion:138 Resp: 1961

Ion Ratio Lower Upper

138 100

108 18.7 11.0 16.6#

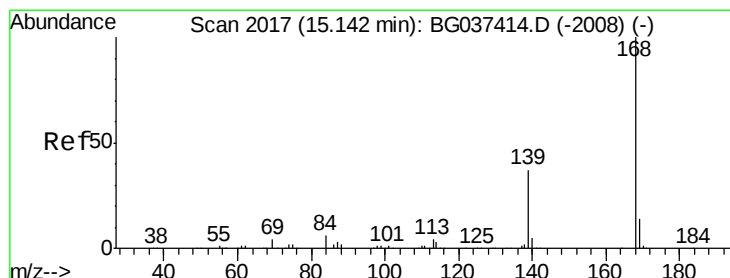
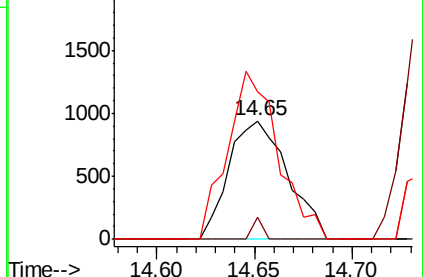
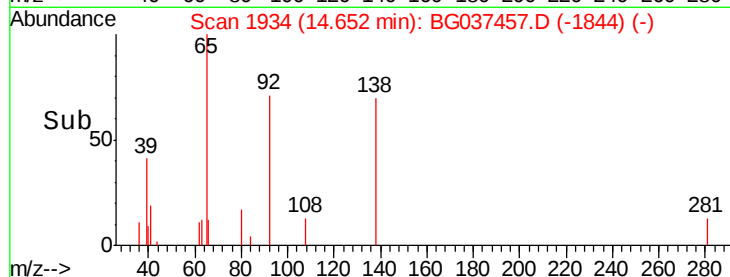
92 124.7 95.2 142.8



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: 1.118 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

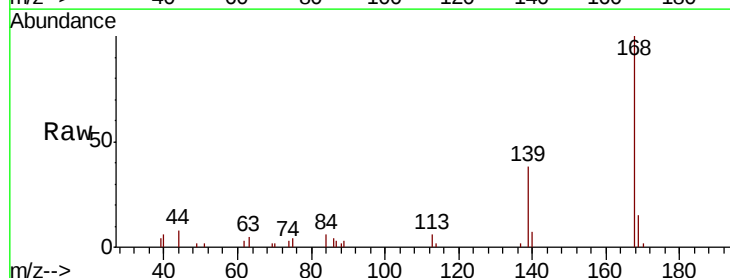
Tgt Ion:168 Resp: 17990

Ion Ratio Lower Upper

168 100

139 37.9 29.4 44.0

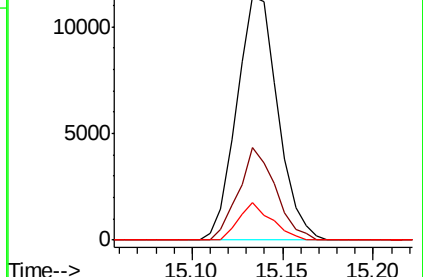
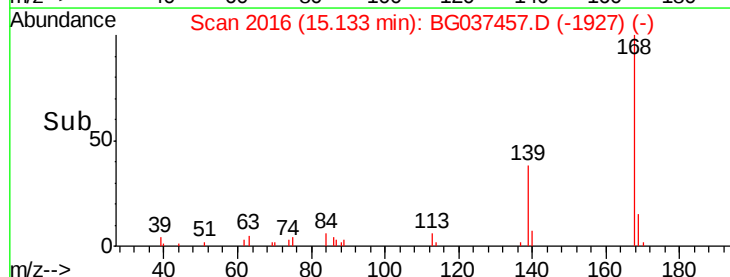
169 15.3 11.0 16.6

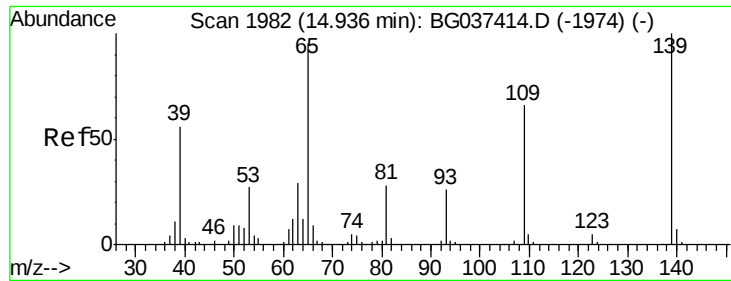


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.094 ng

RT: 14.93 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

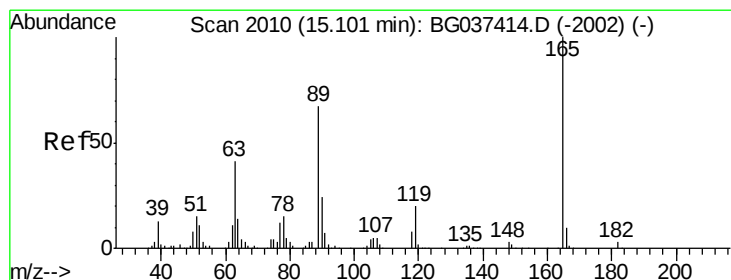
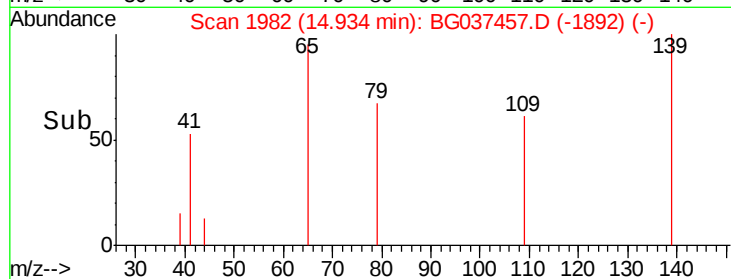
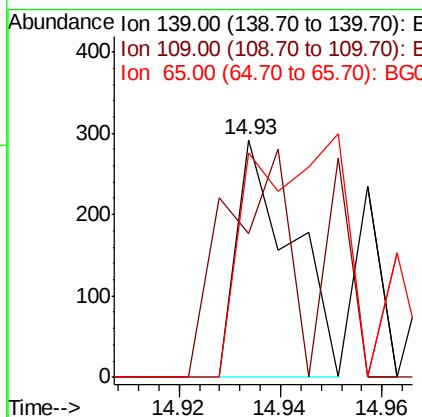
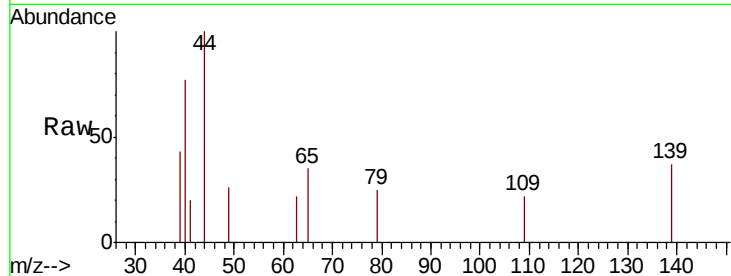
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	139	Resp:	221
Ion	Ratio	Lower	Upper
139	100		
109	60.6	49.5	89.5
65	94.5	76.8	116.8



#57

2,4-Dinitrotoluene

Concen: 0.713 ng

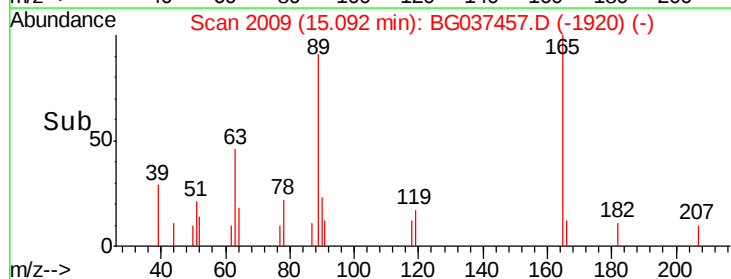
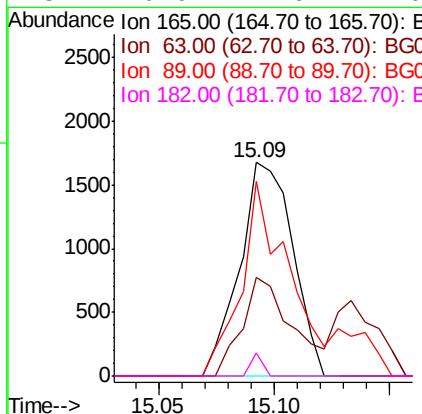
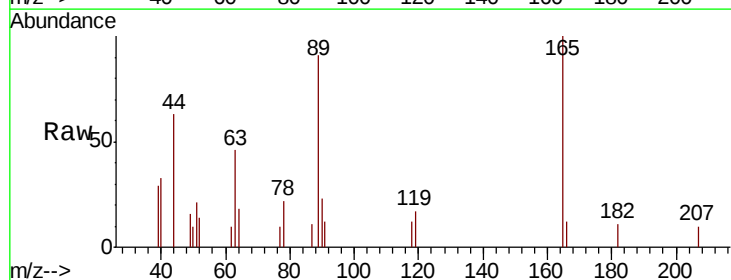
RT: 15.09 min Scan# 2009

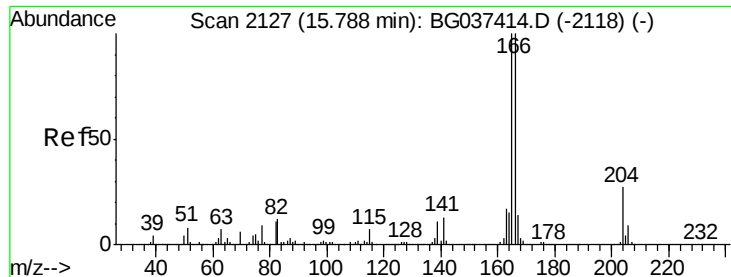
Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Tgt Ion:	165	Resp:	2681
Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.4	50.0
89	91.1	57.2	85.8#
182	10.9	2.6	4.0#





#58

Fluorene

Concen: 1.114 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

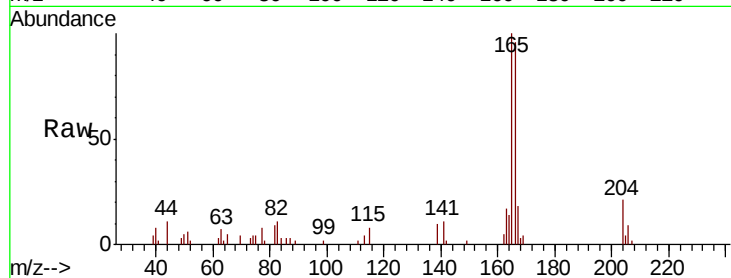
Tgt Ion:166 Resp: 13415

Ion Ratio Lower Upper

166 100

165 104.1 79.0 118.6

167 18.7 11.3 16.9#

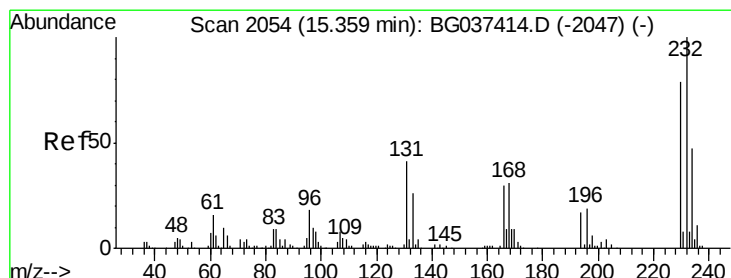
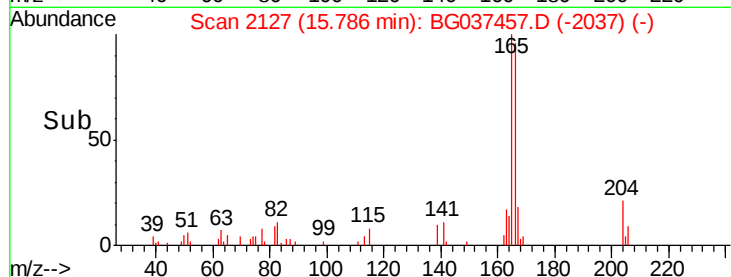
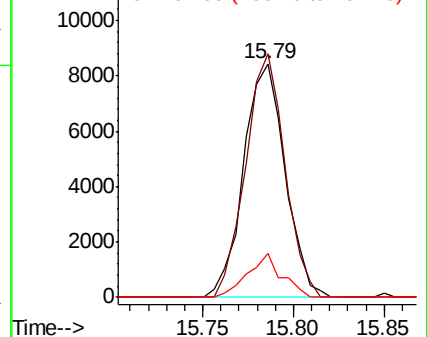


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.608 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Tgt Ion:232 Resp: 2044

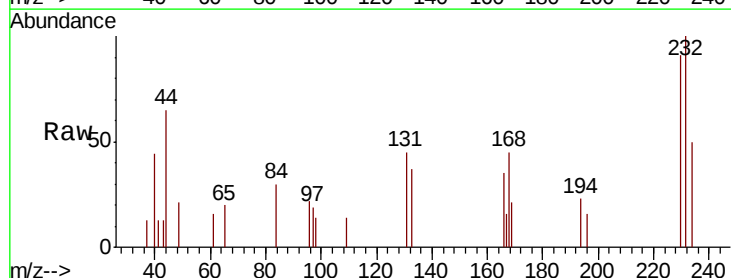
Ion Ratio Lower Upper

232 100

131 44.4 33.7 50.5

130 0.0 2.1 3.1#

166 28.6 24.6 36.8



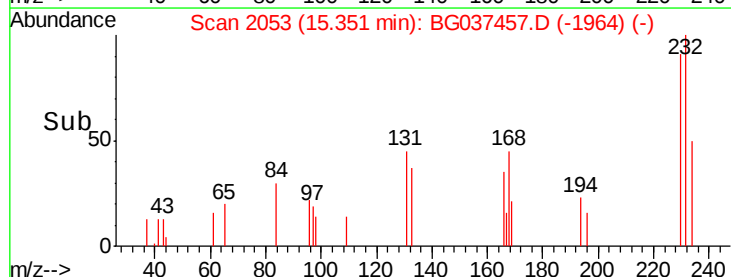
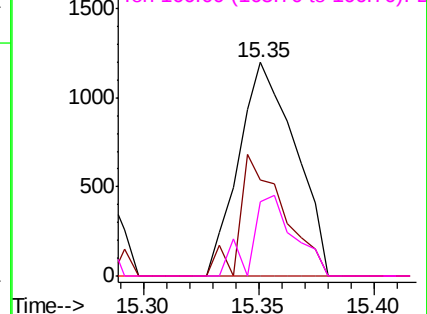
Abundance

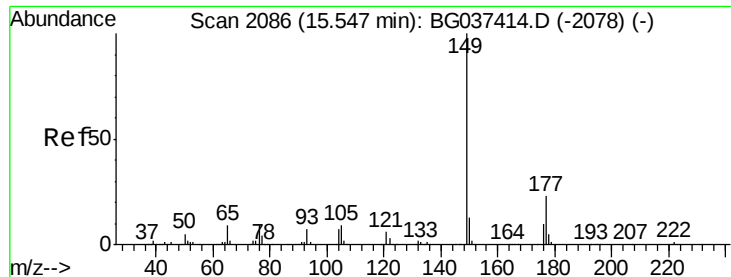
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

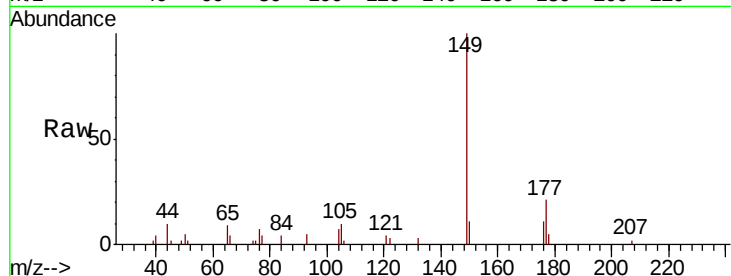




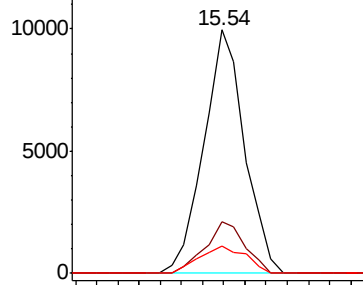
#60
Diethylphthalate
Concen: 1.004 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

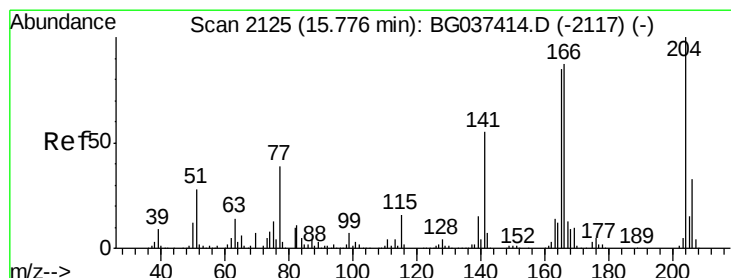
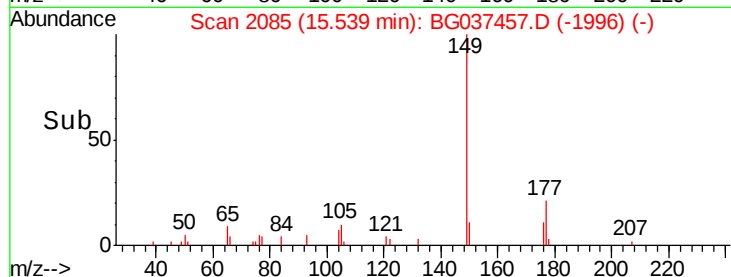
Tgt Ion:149 Resp: 13333
Ion Ratio Lower Upper
149 100
177 20.9 18.3 27.5
150 11.0 10.0 15.0



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

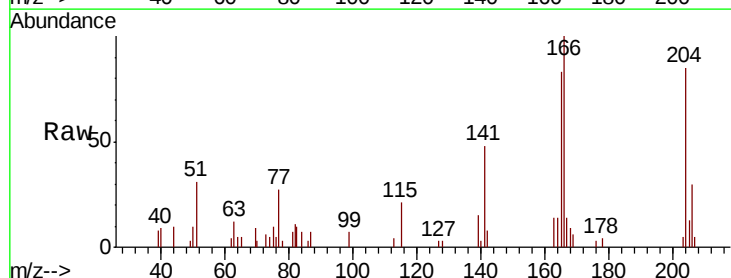


Time-->

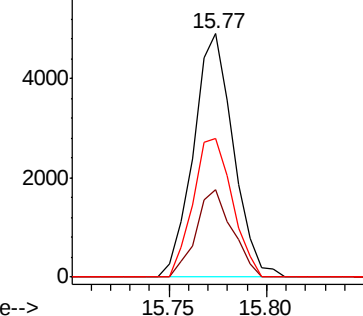


#61
4-Chlorophenyl-phenylether
Concen: 0.990 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

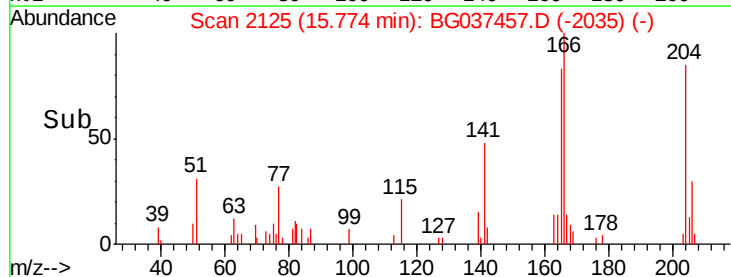
Tgt Ion:204 Resp: 6949
Ion Ratio Lower Upper
204 100
206 36.1 26.6 39.8
141 56.8 45.4 68.2

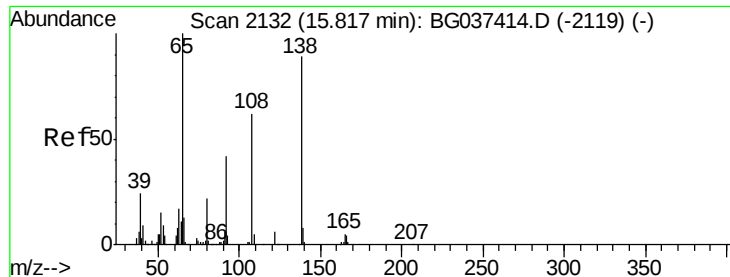


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#62

4-Nitroaniline

Concen: 0.562 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

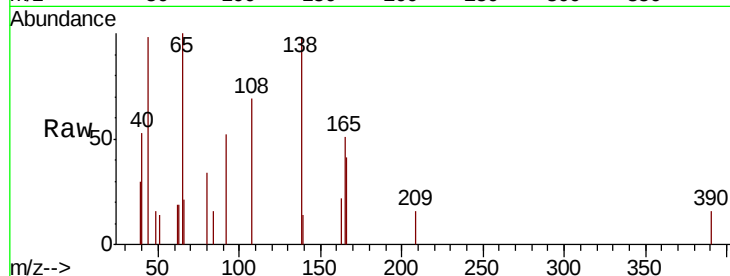
Tgt Ion: 138 Resp: 1774

Ion Ratio Lower Upper

138 100

92 53.2 36.4 76.4

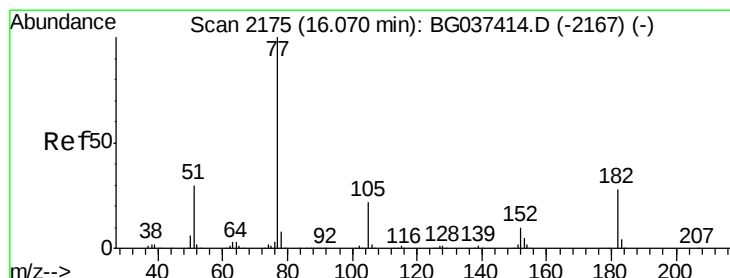
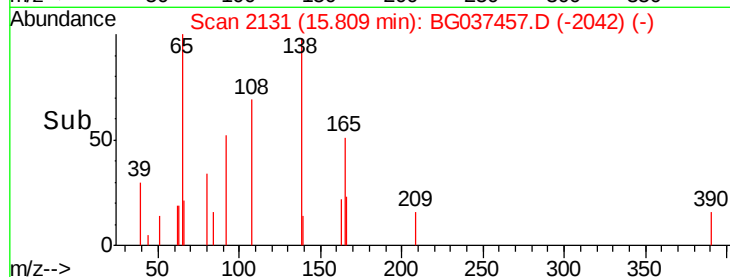
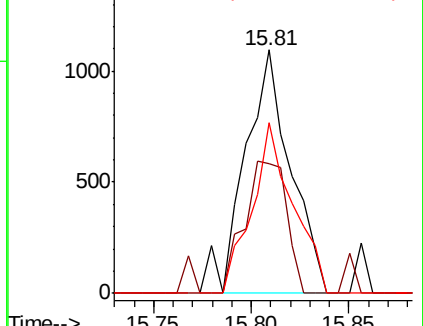
108 70.2 60.1 100.1



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: 0.987 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Tgt Ion: 77 Resp: 12513

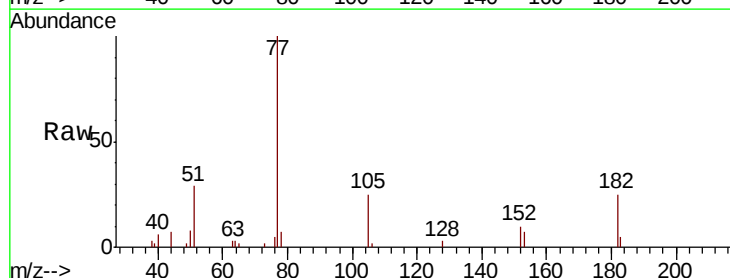
Ion Ratio Lower Upper

77 100

182 25.0 8.0 48.0

105 24.6 1.3 41.3

51 29.3 10.7 50.7

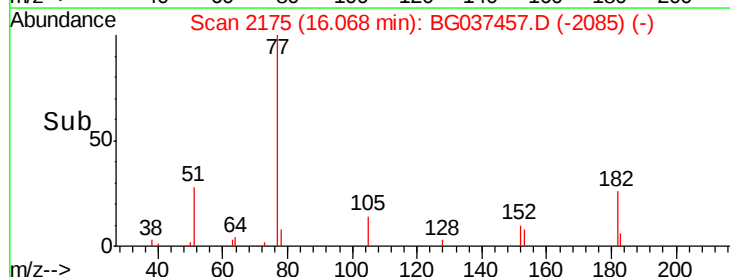
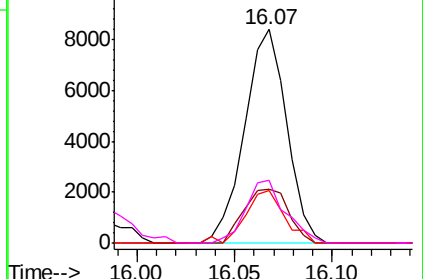


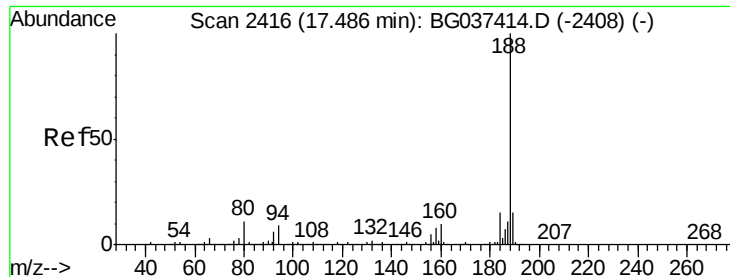
Abundance Ion 77.00 (76.70 to 77.70): BG

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: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

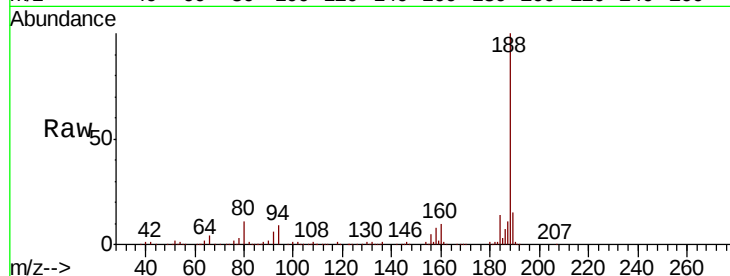
Tgt Ion:188 Resp: 399674

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

300000

200000

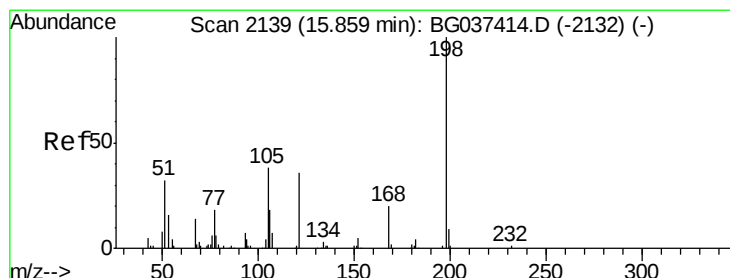
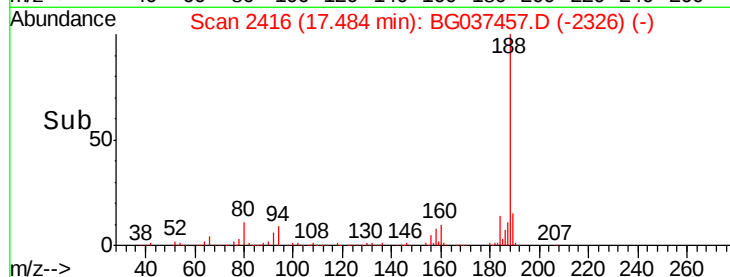
100000

0

17.48

17.40 17.50 17.60

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.852 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.37 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

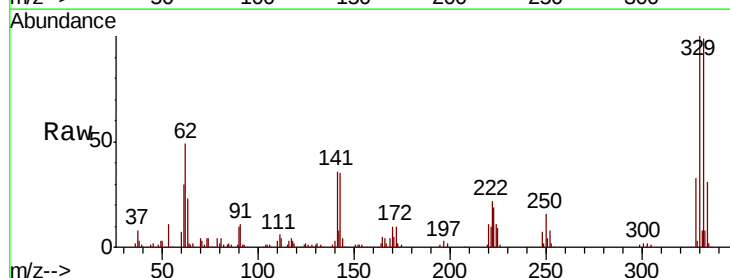
Tgt Ion:198 Resp: 877

Ion Ratio Lower Upper

198 100

51 22.5 22.7 62.7#

105 31.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

1200

1000

800

600

400

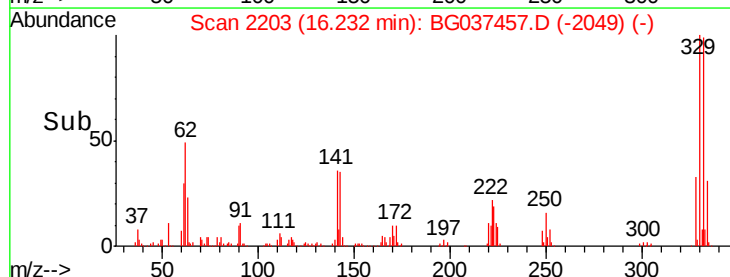
200

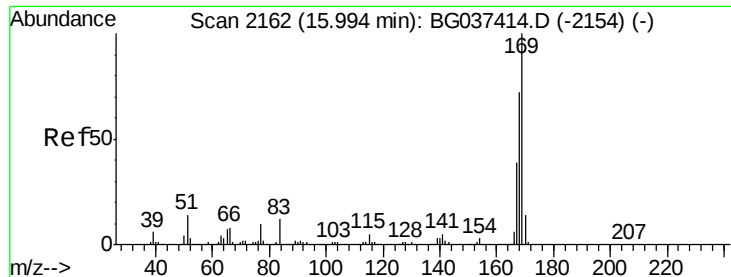
0

16.23

16.20 16.25

Time-->

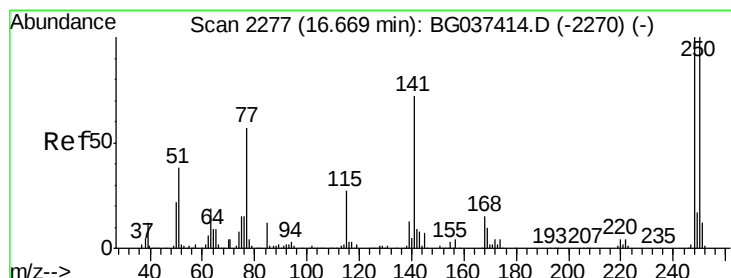
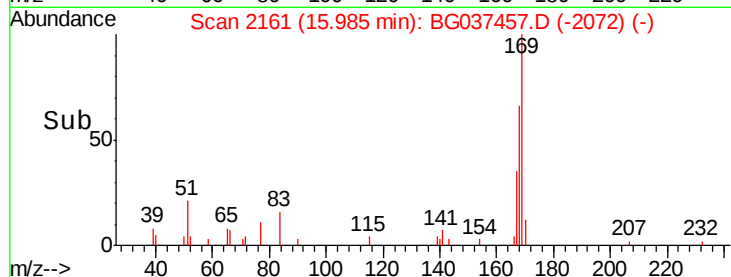
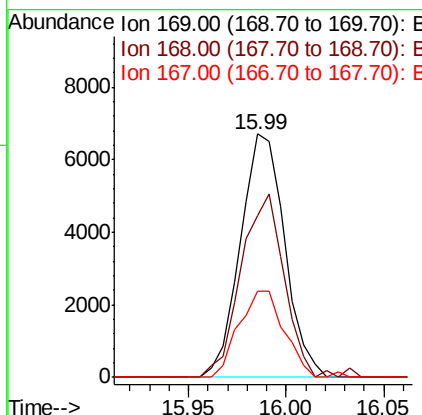
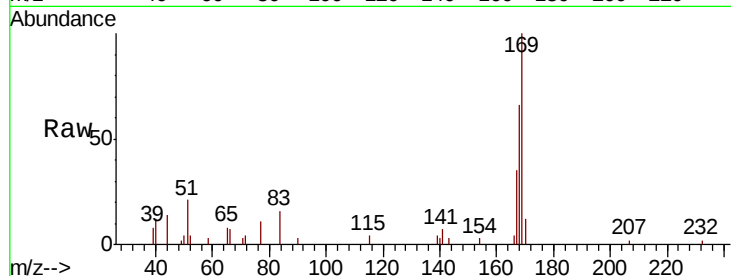




#66
 n-Nitrosodiphenylamine
 Concen: 0.874 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

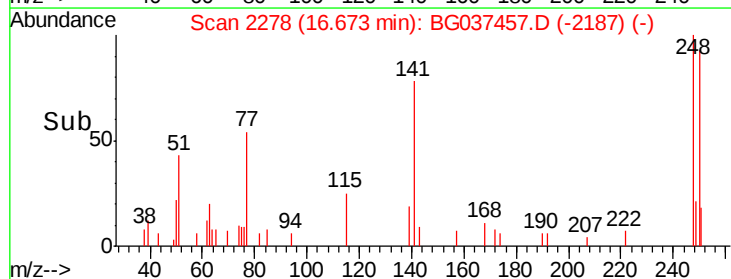
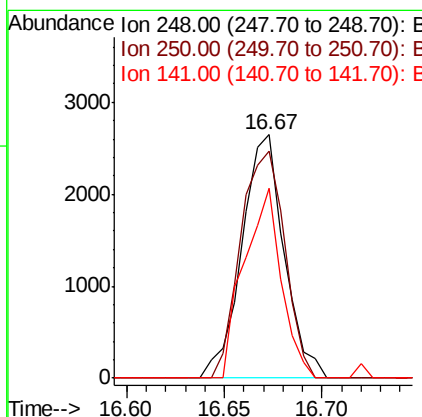
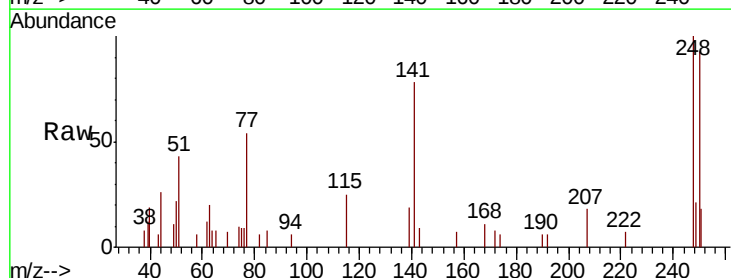
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

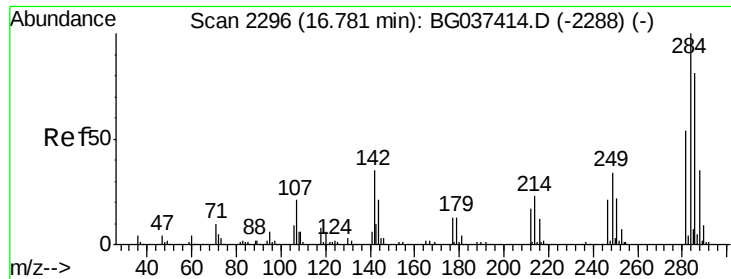
Tgt Ion:169 Resp: 10513
 Ion Ratio Lower Upper
 169 100
 168 66.2 55.7 83.5
 167 35.4 31.3 46.9



#67
 4-Bromophenyl-phenylether
 Concen: 0.906 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion:248 Resp: 3975
 Ion Ratio Lower Upper
 248 100
 250 111.7 77.0 115.6
 141 77.8 55.5 83.3





#68

Hexachlorobenzene

Concen: 1.035 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

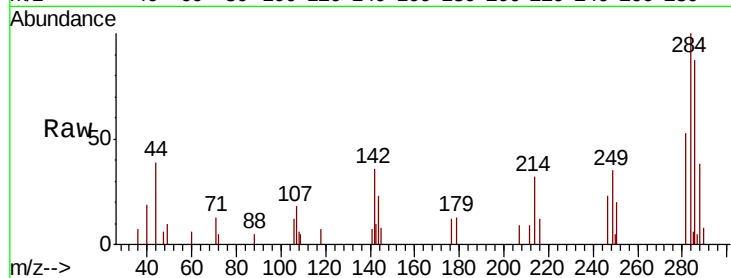
Tgt Ion:284 Resp: 4710

Ion Ratio Lower Upper

284 100

142 35.7 28.1 42.1

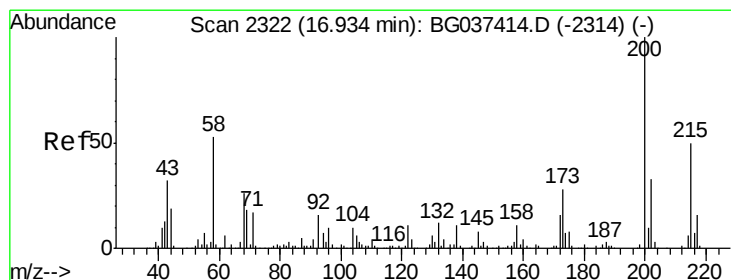
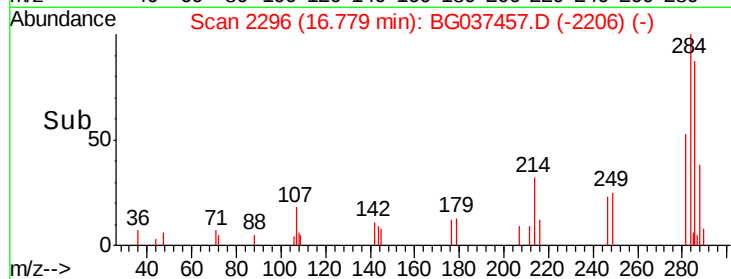
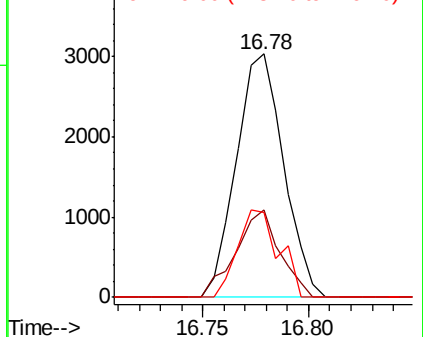
249 40.1 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 0.841 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

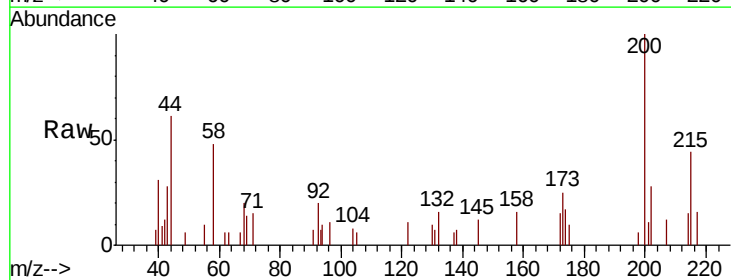
Tgt Ion:200 Resp: 3655

Ion Ratio Lower Upper

200 100

173 25.2 6.1 46.1

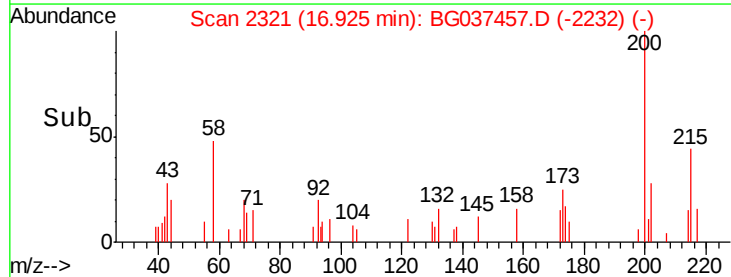
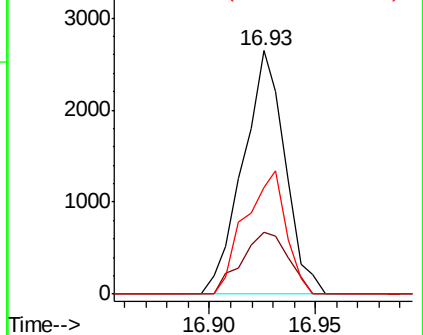
215 43.9 30.8 70.8

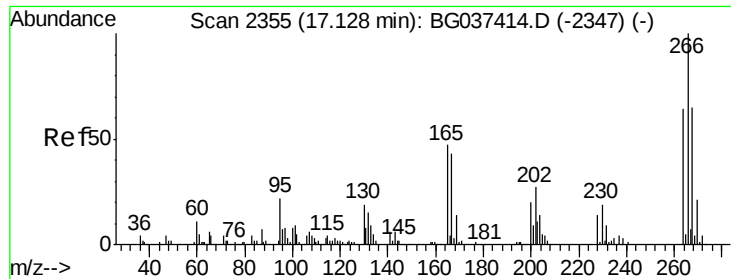


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 0.147 ng

RT: 17.13 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

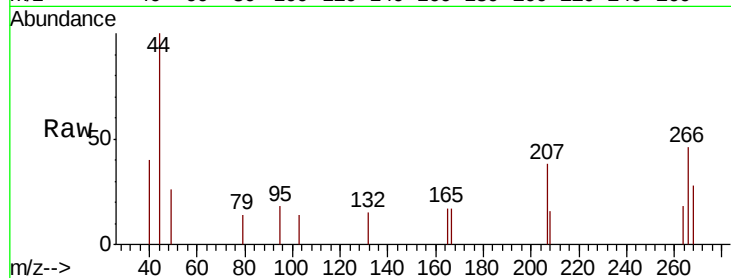
Tgt Ion:266 Resp: 448

Ion Ratio Lower Upper

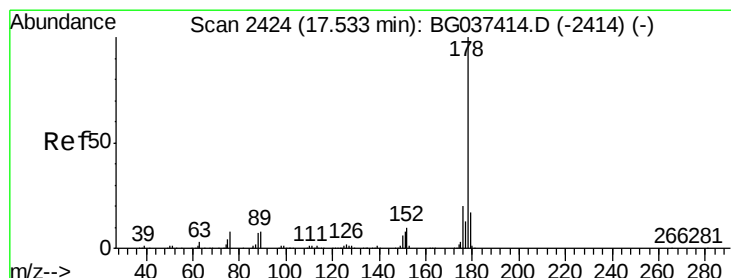
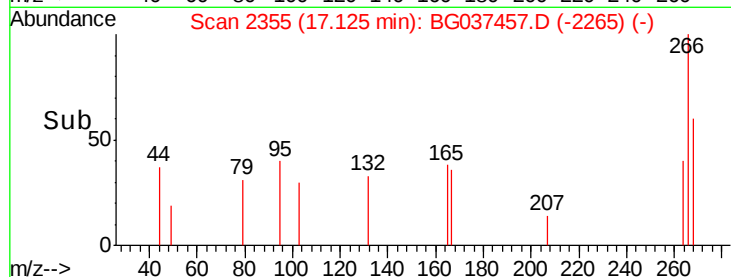
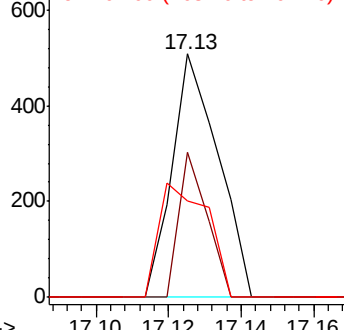
266 100

268 59.8 55.0 82.6

264 39.8 58.9 88.3#



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



#71

Phenanthrene

Concen: 1.151 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

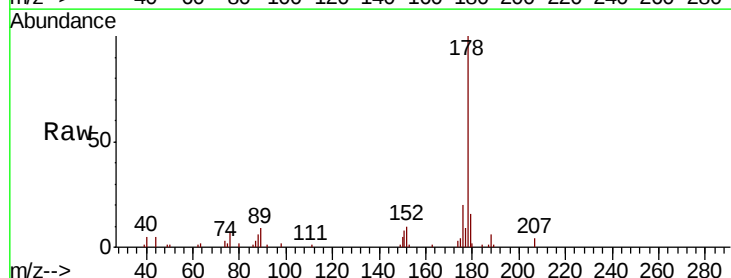
Tgt Ion:178 Resp: 23385

Ion Ratio Lower Upper

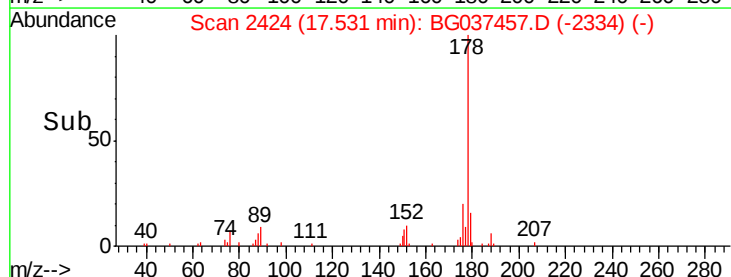
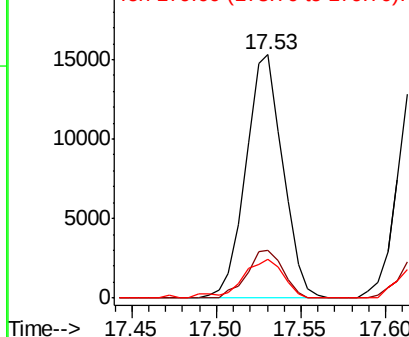
178 100

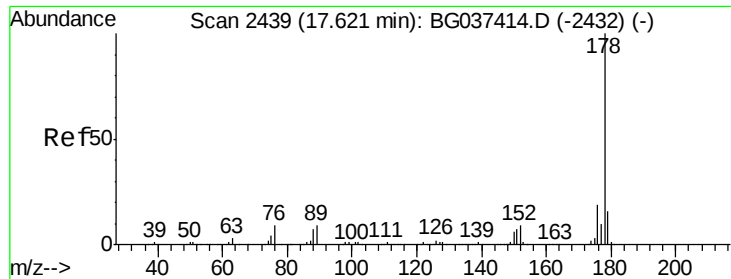
176 19.8 16.1 24.1

179 16.1 13.0 19.4



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





#72

Anthracene

Concen: 1.130 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

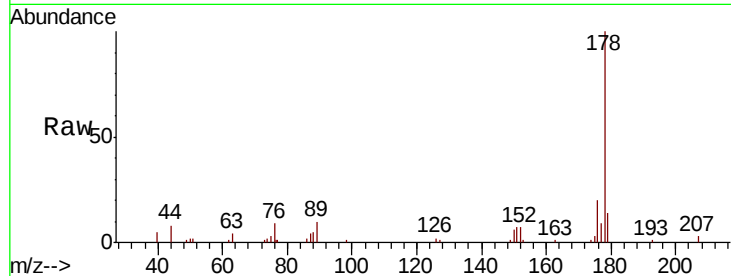
Tgt Ion:178 Resp: 22519

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.4

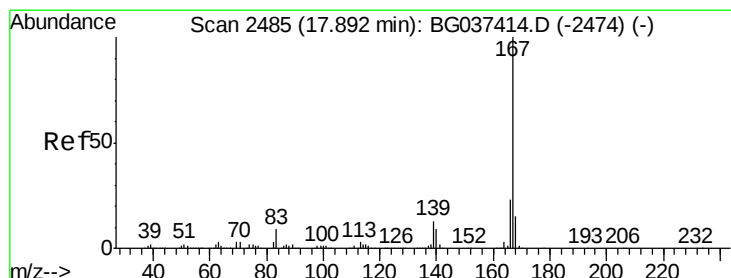
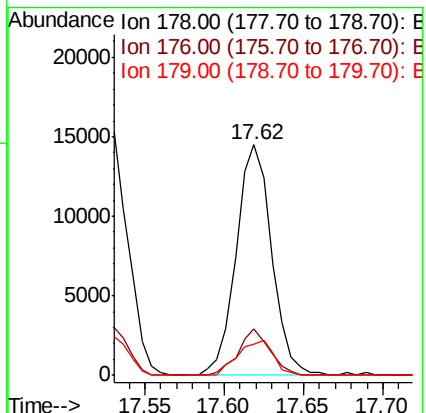
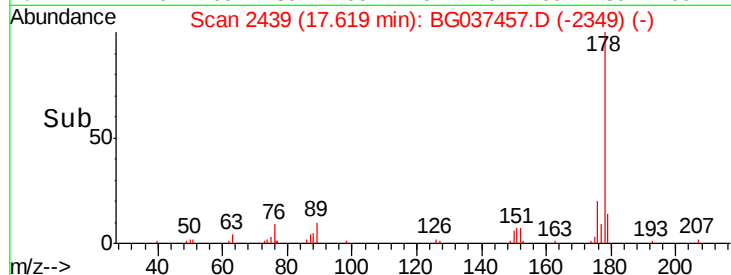
179 13.7 12.8 19.2



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: 0.906 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

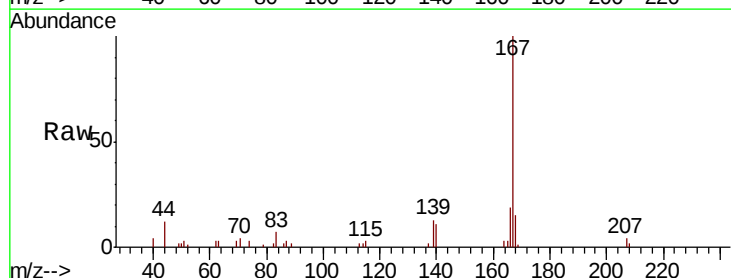
Tgt Ion:167 Resp: 18073

Ion Ratio Lower Upper

167 100

166 19.1 18.3 27.5

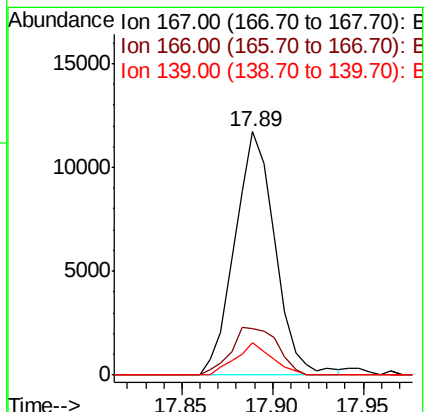
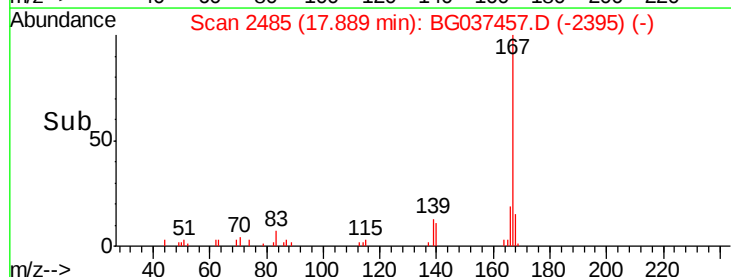
139 13.5 10.5 15.7

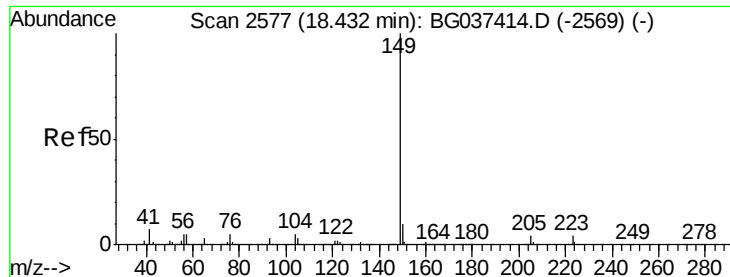


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

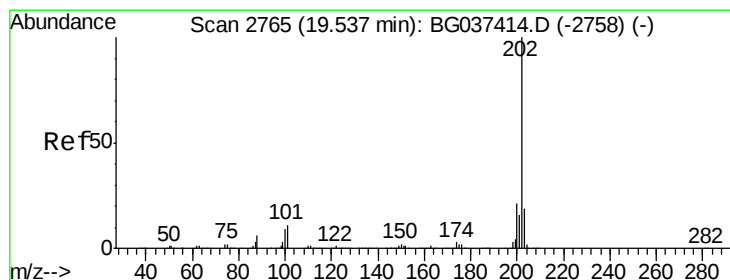
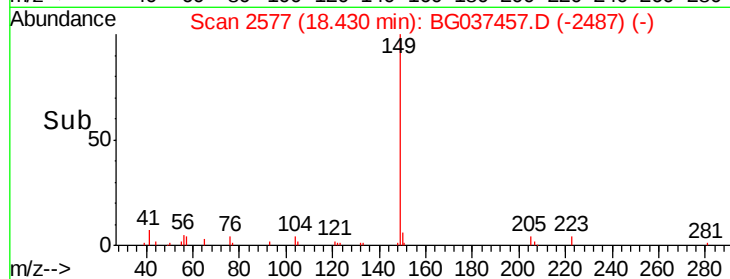
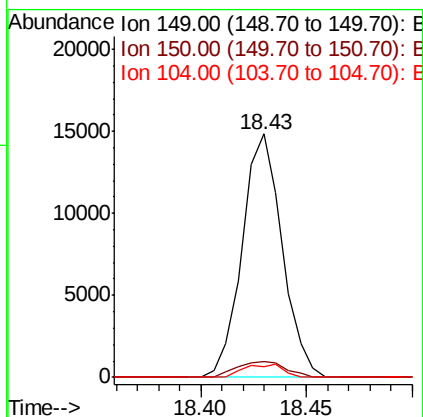
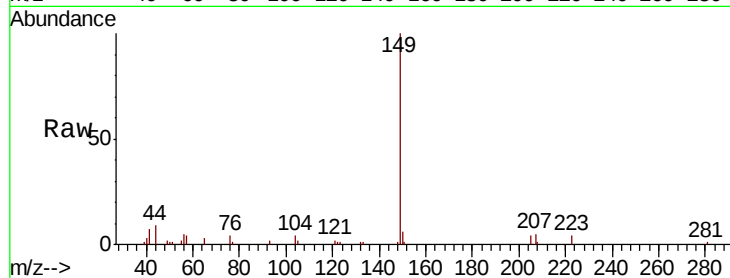




#74
Di-n-butylphthalate
Concen: 0.877 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

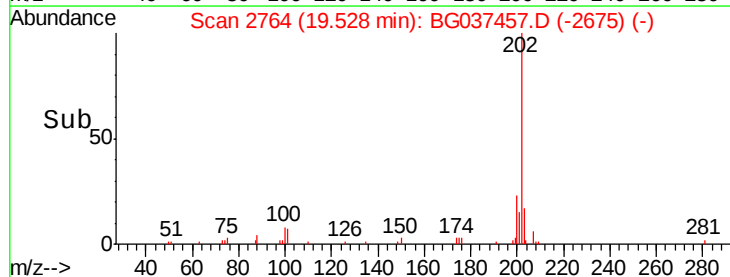
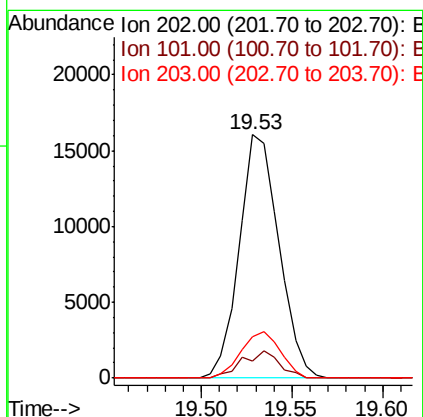
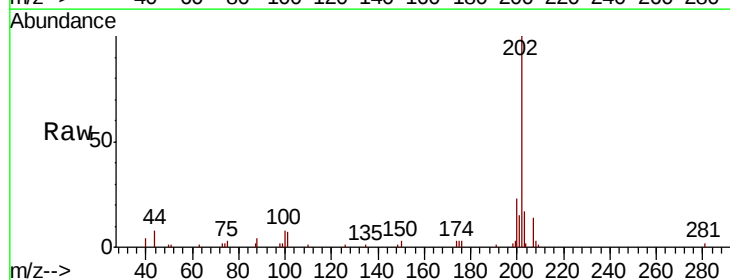
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

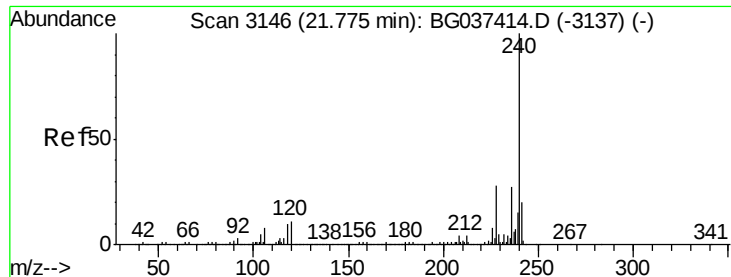
Tgt Ion:149 Resp: 19458
Ion Ratio Lower Upper
149 100
150 6.5 8.2 12.2#
104 4.1 4.0 6.0



#75
Fluoranthene
Concen: 1.057 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:202 Resp: 24359
Ion Ratio Lower Upper
202 100
101 7.3 0.0 30.7
203 17.2 0.0 38.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

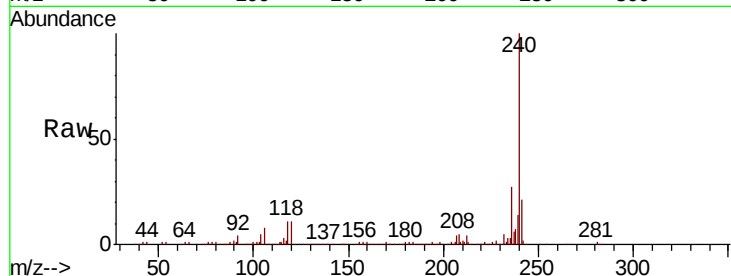
Tgt Ion:240 Resp: 367511

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

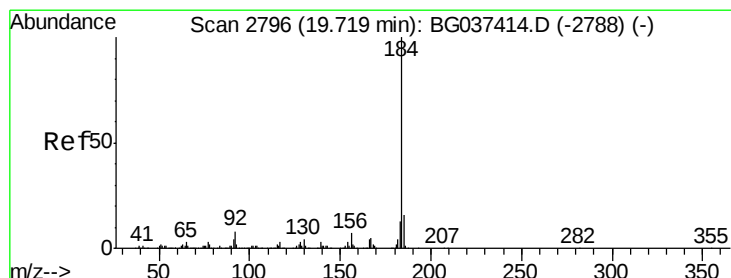
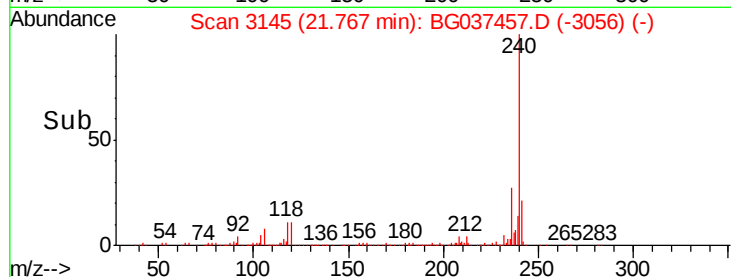
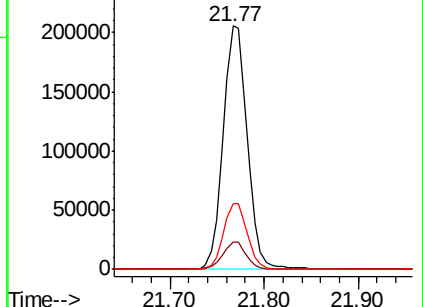
236 27.1 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 0.181 ng

RT: 19.73 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

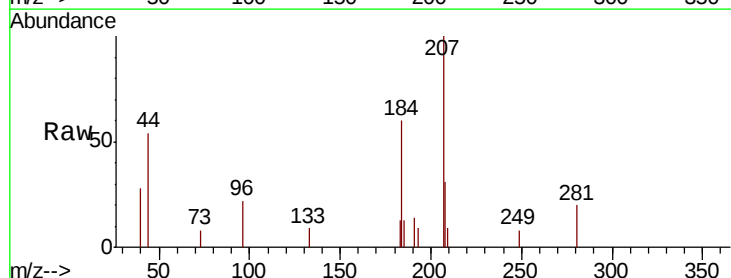
Tgt Ion:184 Resp: 2267

Ion Ratio Lower Upper

184 100

185 21.1 12.6 18.8#

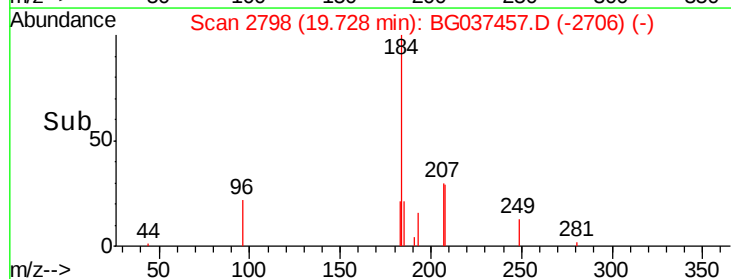
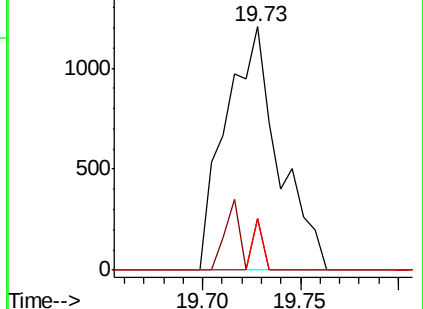
183 21.2 10.2 15.2#

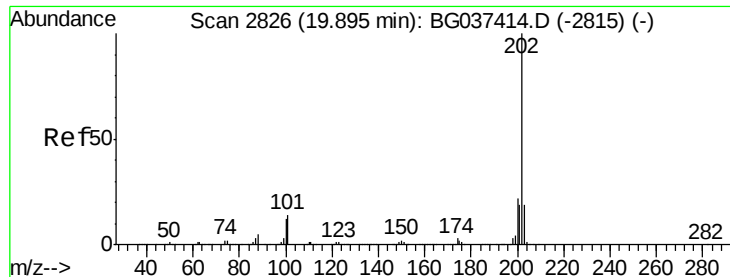


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

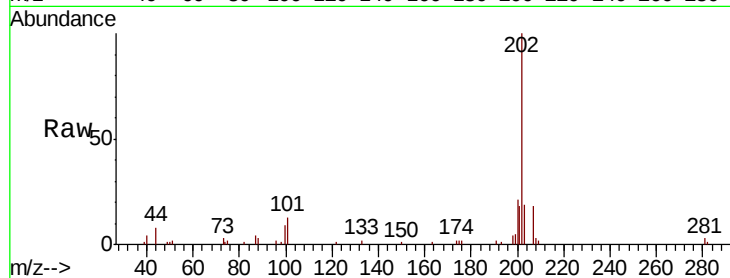




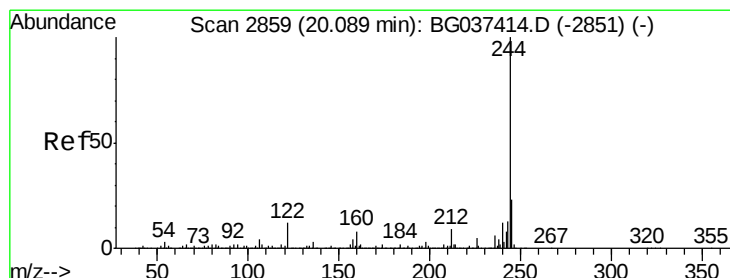
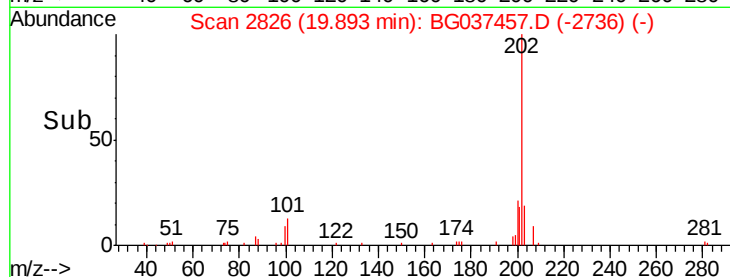
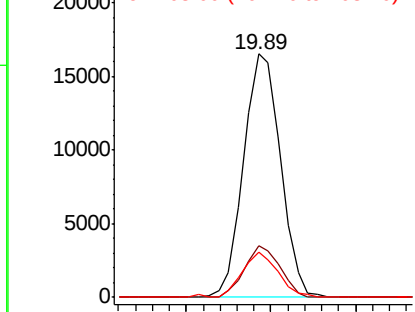
#78
Pyrene
Concen: 1.046 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

Tgt Ion: 202 Resp: 25134
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 18.6 15.2 22.8

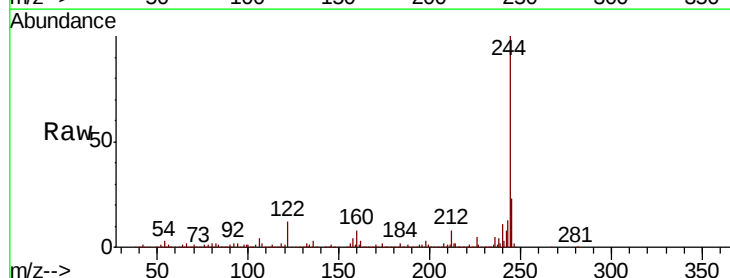


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

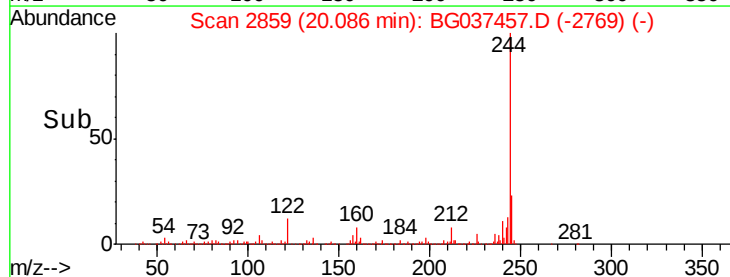
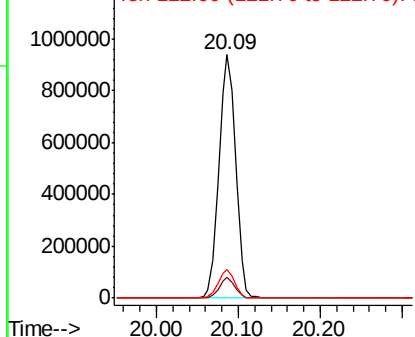


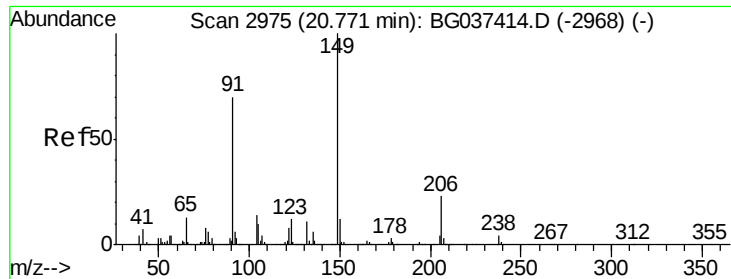
#79
Terphenyl-d14
Concen: 78.088 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 244 Resp: 1343062
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 11.8 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

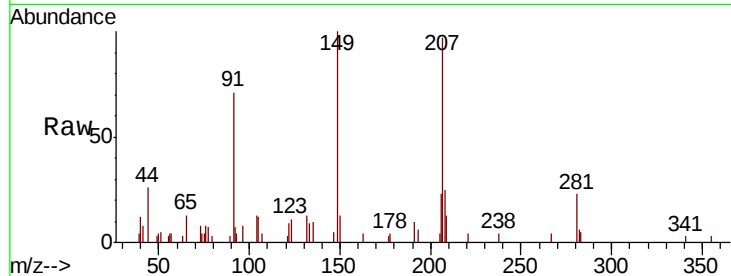




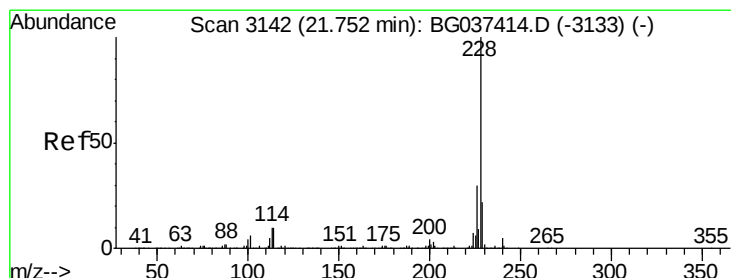
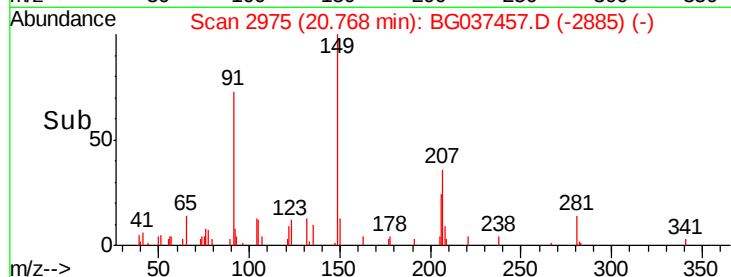
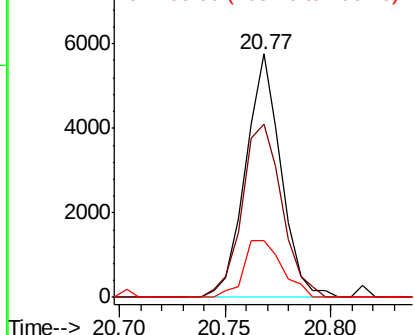
#80
Butylbenzylphthalate
Concen: 0.680 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

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

Tgt Ion:149 Resp: 6689
Ion Ratio Lower Upper
149 100
91 71.3 57.0 85.4
206 23.3 17.8 26.6

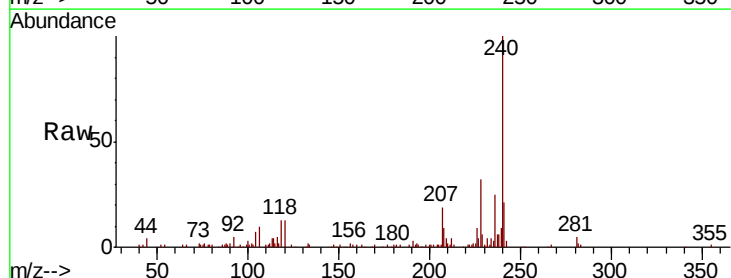


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

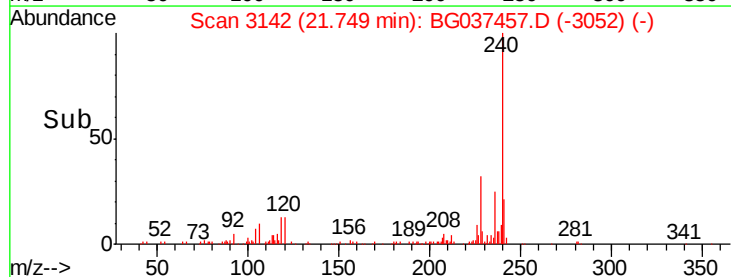
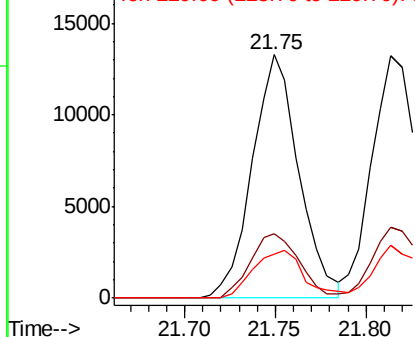


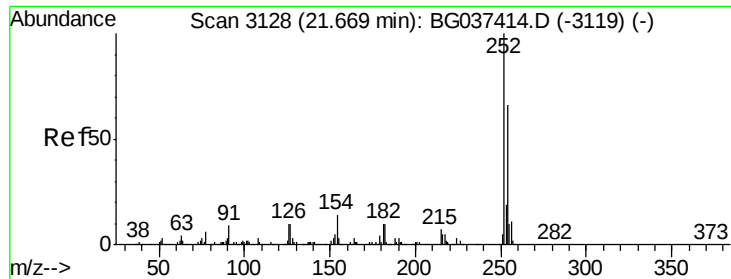
#81
Benzo(a)anthracene
Concen: 1.092 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:228 Resp: 23729
Ion Ratio Lower Upper
228 100
226 26.5 22.6 33.8
229 18.1 16.3 24.5



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

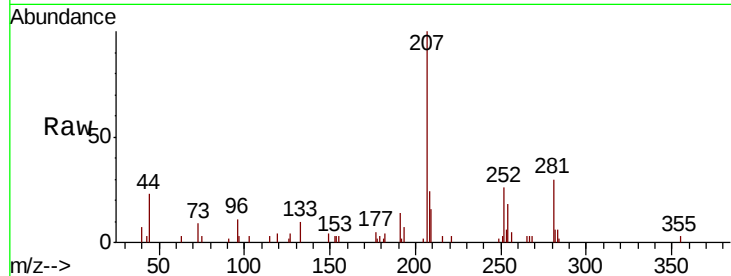




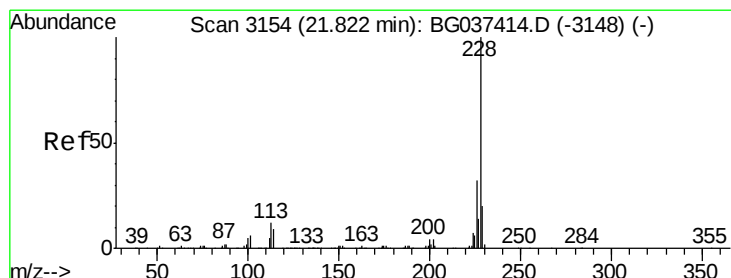
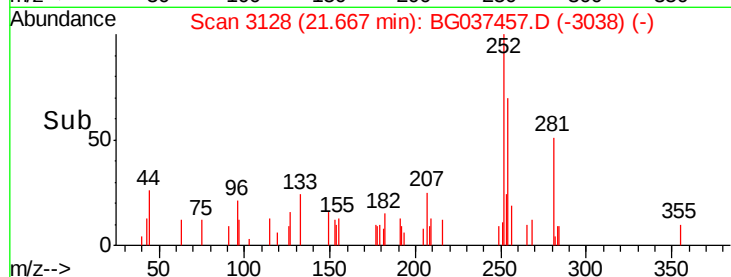
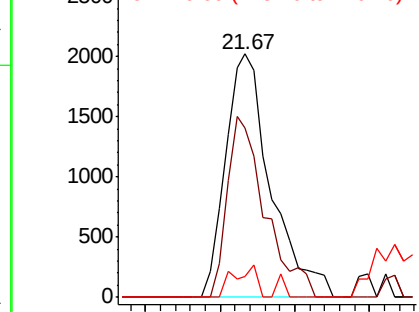
#82
 3,3'-Dichlorobenzidine
 Concen: 0.507 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

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

Tgt Ion:252 Resp: 4271
 Ion Ratio Lower Upper
 252 100
 254 69.5 52.0 78.0
 126 8.7 8.2 12.4

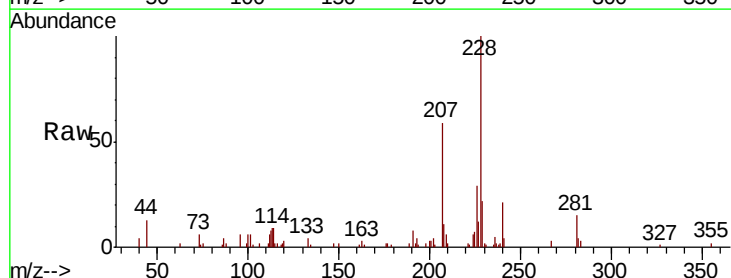


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

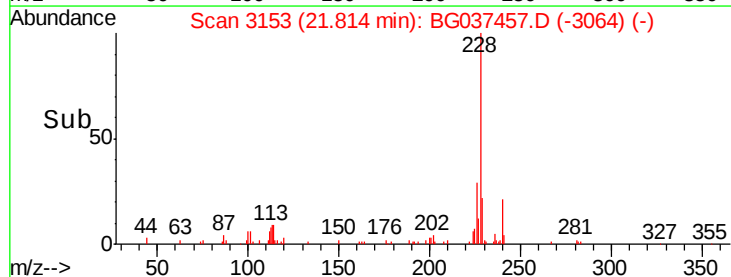
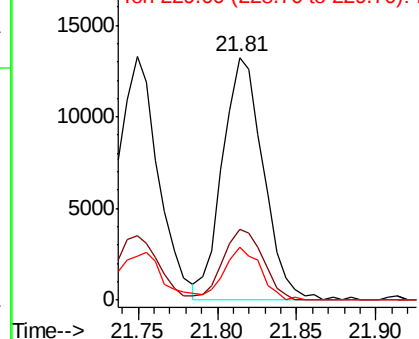


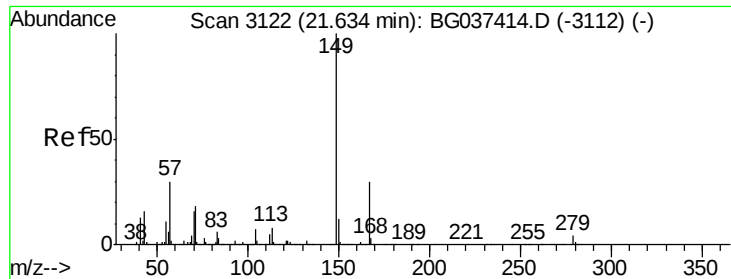
#83
 Chrysene
 Concen: 1.133 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion:228 Resp: 23687
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.7 38.5
 229 21.8 16.5 24.7



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.753 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

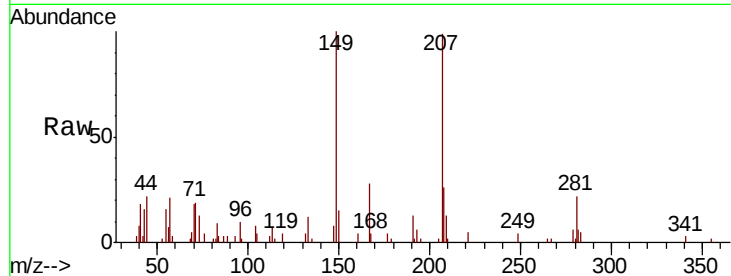
Tgt Ion:149 Resp: 10383

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

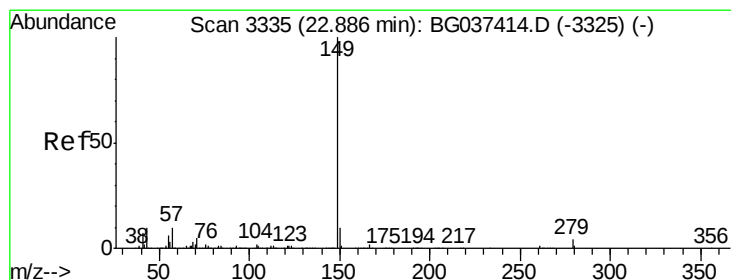
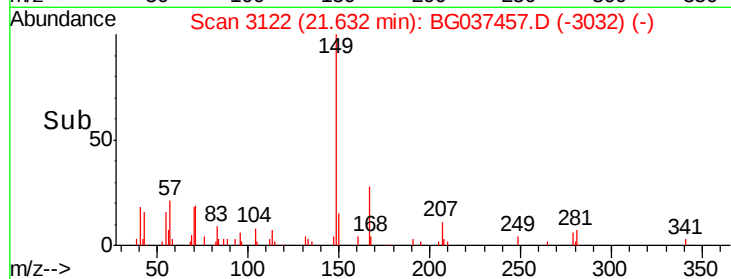
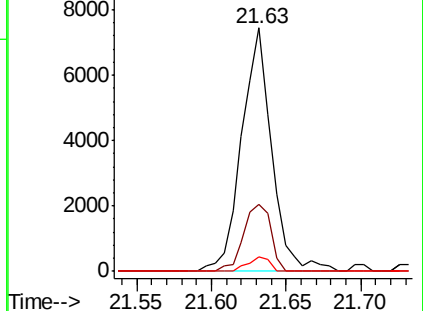
279 5.7 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.656 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

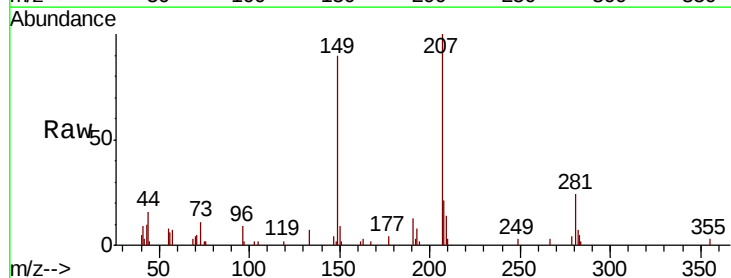
Tgt Ion:149 Resp: 14734

Ion Ratio Lower Upper

149 100

167 0.4 1.3 1.9#

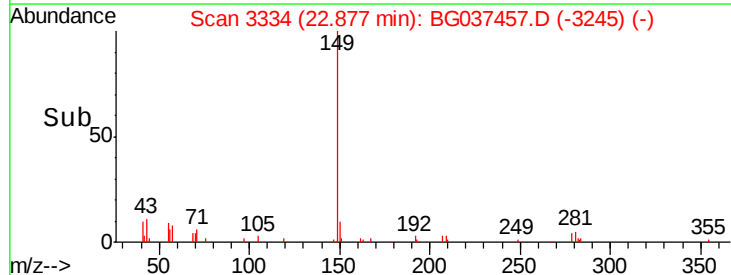
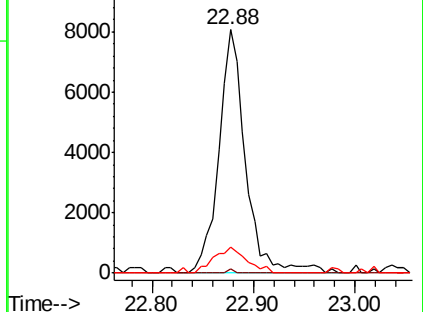
43 13.0 8.7 13.1

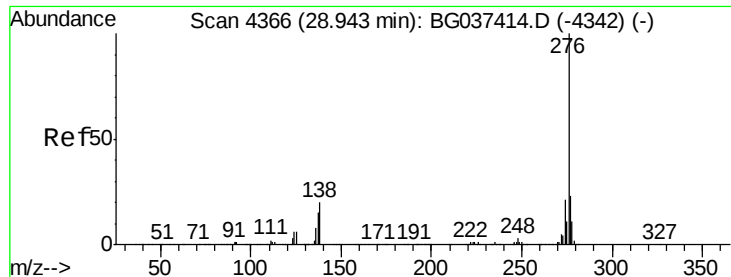


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

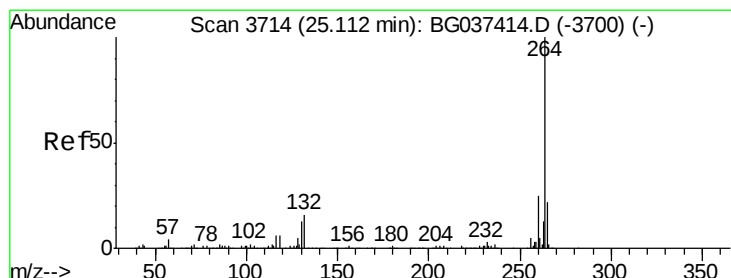
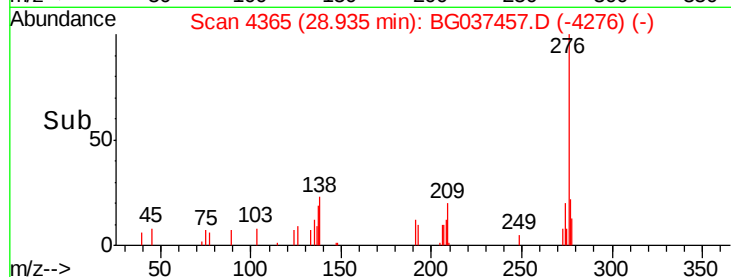
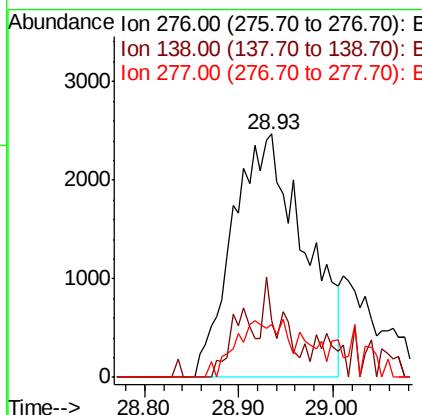
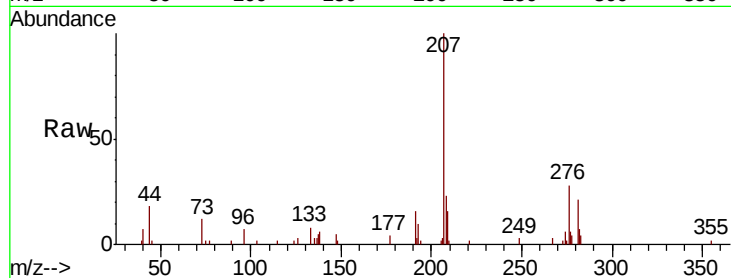




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.582 ng
 RT: 28.93 min Scan# 4365
 Delta R.T. -0.01 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

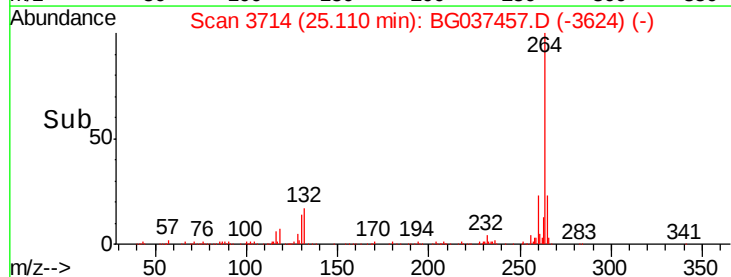
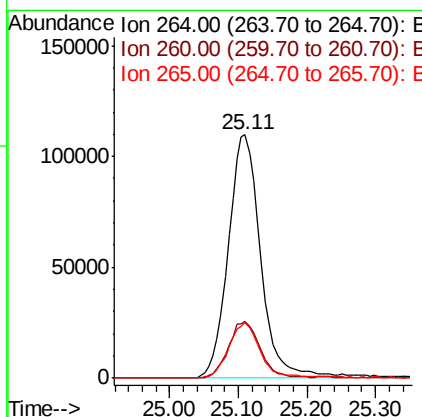
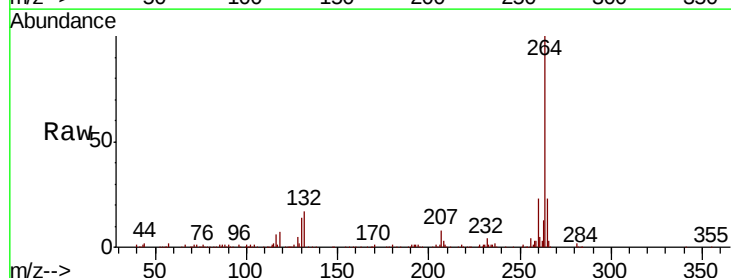
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

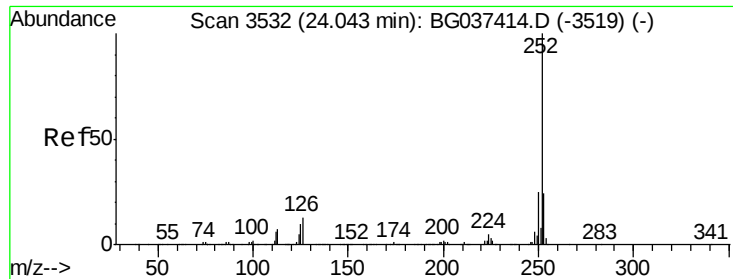
Tgt Ion: 276 Resp: 13038
 Ion Ratio Lower Upper
 276 100
 138 6.5 12.0 18.0#
 277 16.3 20.6 30.8#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG037457.D
 Acq: 19 Oct 2018 17:15

Tgt Ion: 264 Resp: 358742
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 22.6 17.9 26.9

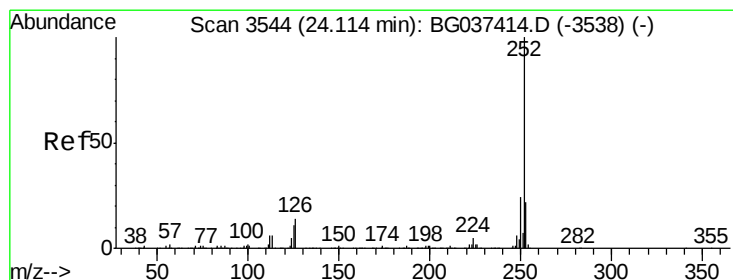
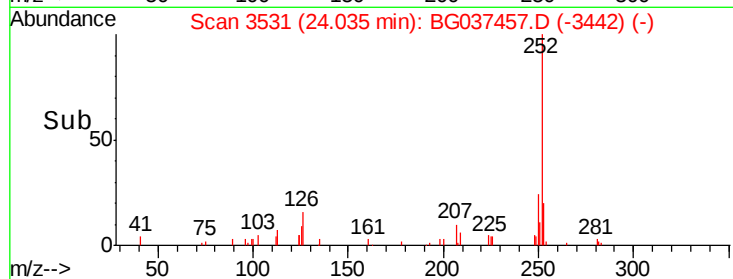
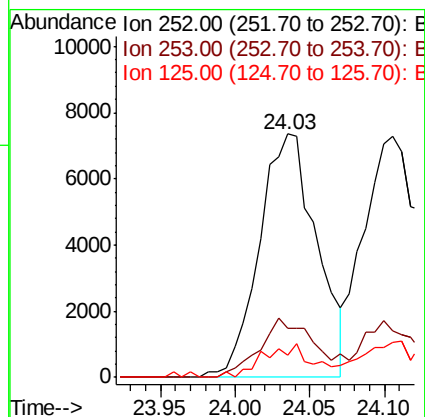
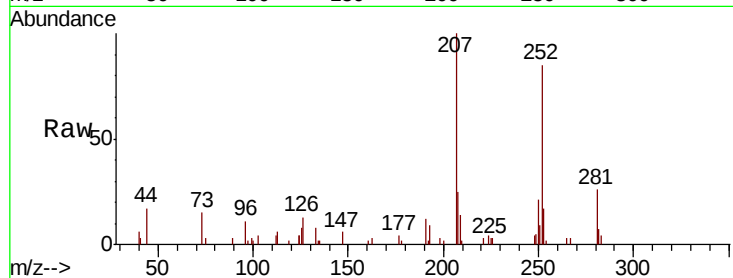




#88
Benzo(b)fluoranthene
Concen: 0.998 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

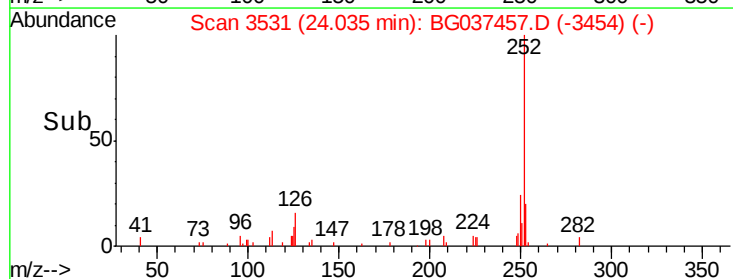
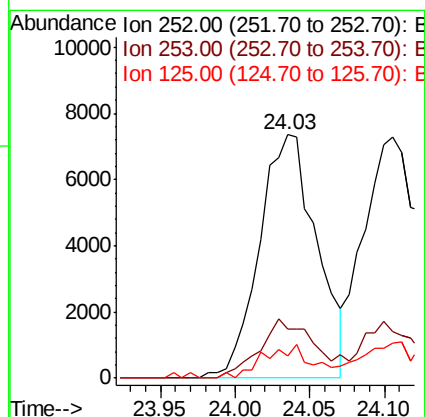
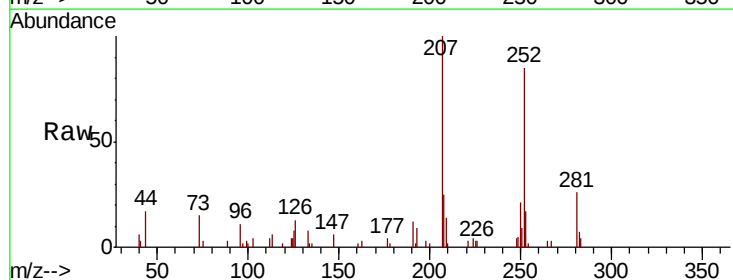
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

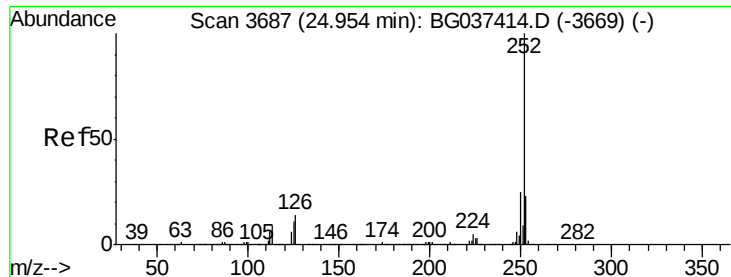
Tgt Ion:252 Resp: 19632
Ion Ratio Lower Upper
252 100
253 20.2 18.2 27.2
125 9.1 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 1.019 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.08 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:252 Resp: 19632
Ion Ratio Lower Upper
252 100
253 20.2 17.4 26.2
125 9.1 7.4 11.0





#90

Benzo(a)pyrene

Concen: 0.963 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

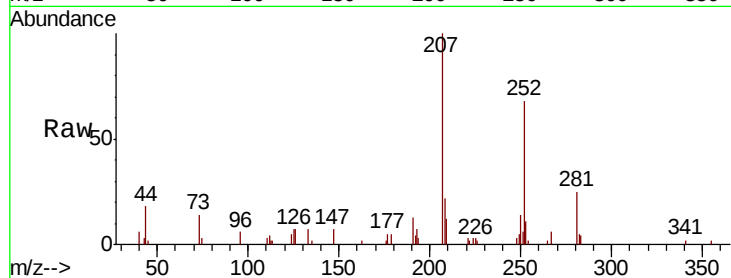
Tgt Ion:252 Resp: 17995

Ion Ratio Lower Upper

252 100

253 16.5 17.4 26.2#

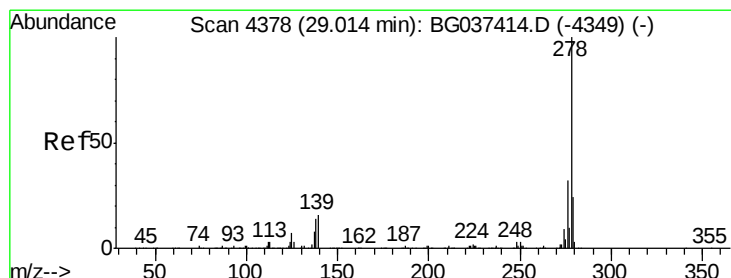
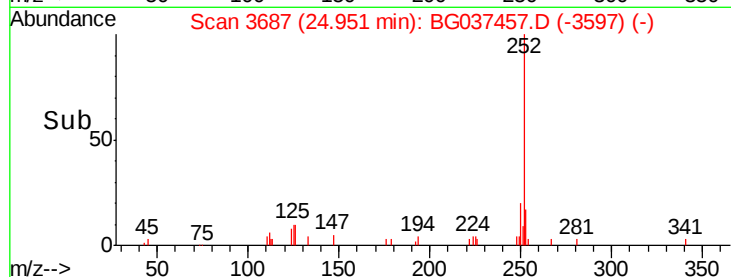
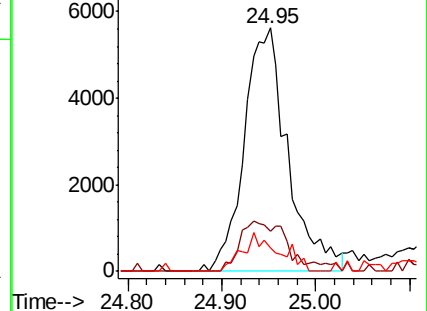
125 9.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.099 ng

RT: 29.02 min Scan# 4379

Delta R.T. 0.00 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

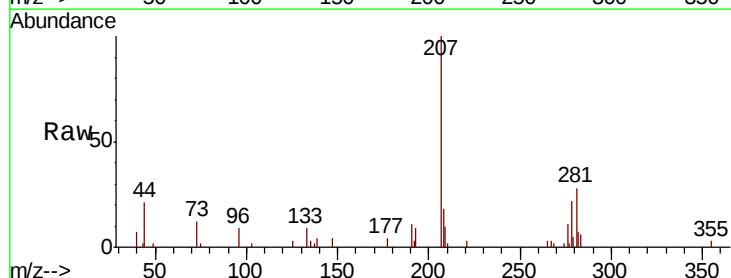
Tgt Ion:278 Resp: 1709

Ion Ratio Lower Upper

278 100

139 16.9 11.5 17.3

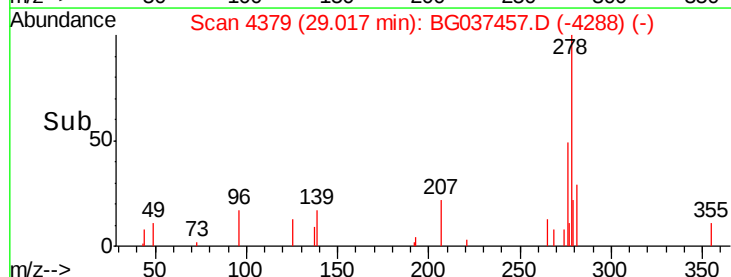
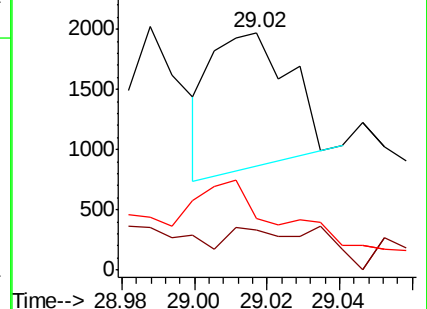
279 21.6 18.6 27.8

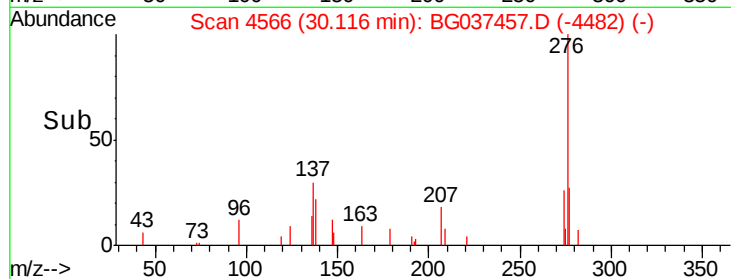
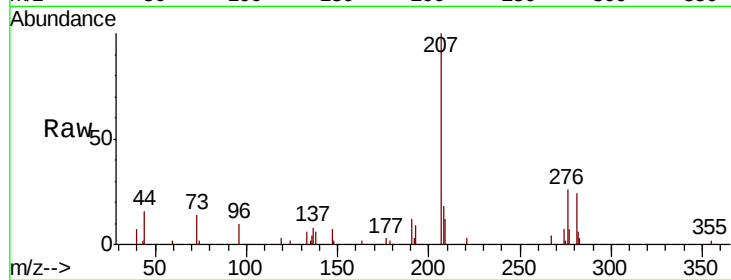
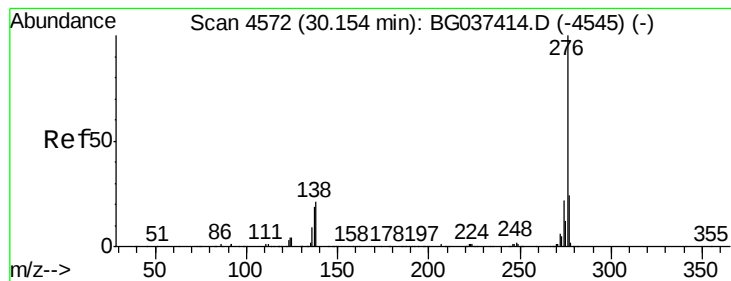


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.345 ng

RT: 30.12 min Scan# 4566

Delta R.T. -0.04 min

Lab File: BG037457.D

Acq: 19 Oct 2018 17:15

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 276 Resp: 6020

Ion Ratio Lower Upper

276 100

277 27.1 18.9 28.3

138 21.8 17.2 25.8

