

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037466.D
 Acq On : 20 Oct 2018 1:04
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 1PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Quant Time: Oct 20 02:50:25 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	49108	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	232598	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	153273	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372418	20.00	ng	0.00
76) Chrysene-d12	21.77	240	347223	20.00	ng	0.00
87) Perylene-d12	25.10	264	333320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	430445	146.54	ng	0.00
7) Phenol-d6	7.25	99	625495	140.83	ng	0.00
23) Nitrobenzene-d5	9.29	82	367236	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	233915	139.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	885811	87.15	ng	0.00
79) Terphenyl-d14	20.09	244	1332620	82.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	1497	1.005	ng	# 43
3) Pyridine	3.96	79	3625	0.966	ng	# 78
4) n-Nitrosodimethylamine	3.84	42	64	0.048	ng	# 1
6) Aniline	7.44	93	3599	0.664	ng	# 88
8) 2-Chlorophenol	7.66	128	3770	1.097	ng	# 54
9) Benzaldehyde	7.25	77	3503	1.261	ng	# 78
10) Phenol	7.27	94	5109	1.090	ng	# 72
11) bis(2-Chloroethyl)ether	7.53	93	3770	1.059	ng	# 82
12) 1,3-Dichlorobenzene	8.15	146	4131	1.080	ng	91
13) 1,4-Dichlorobenzene	8.15	146	4131	1.056	ng	90
14) 1,2-Dichlorobenzene	8.46	146	3936	1.046	ng	98
15) Benzyl Alcohol	8.35	79	3039	0.926	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.62	45	6532	1.026	ng	92
17) 2-Methylphenol	8.53	107	2902	0.937	ng	# 89
18) Hexachloroethane	9.19	117	1520	1.139	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	2837	0.928	ng	# 84
20) 3+4-Methylphenols	8.86	107	4222	0.953	ng	93
22) Acetophenone	8.94	105	5876	1.007	ng	# 86
24) Nitrobenzene	9.32	77	4498	1.043	ng	# 92
25) Isophorone	9.84	82	7862	1.036	ng	96
26) 2-Nitrophenol	10.04	139	1773	0.912	ng	94
27) 2,4-Dimethylphenol	10.08	122	3208	0.925	ng	# 82
28) bis(2-Chloroethoxy)methane	10.33	93	4955	0.997	ng	98
29) 2,4-Dichlorophenol	10.57	162	3342	0.865	ng	75
30) 1,2,4-Trichlorobenzene	10.79	180	4161	0.991	ng	# 81
31) Naphthalene	10.98	128	12620	1.105	ng	# 94
32) Benzoic acid	10.08	122	3208	1.424	ng	# 10
33) 4-Chloroaniline	11.09	127	3064	0.571	ng	# 92
34) Hexachlorobutadiene	11.24	225	2642	1.061	ng	# 84
35) Caprolactam	11.91	113	153	0.099	ng	# 2
36) 4-Chloro-3-methylphenol	12.19	107	3529	0.810	ng	90
37) 2-Methylnaphthalene	12.58	142	9705	1.165	ng	96
38) 1-Methylnaphthalene	12.79	142	9141	1.130	ng	89
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	4850	0.981	ng	# 92

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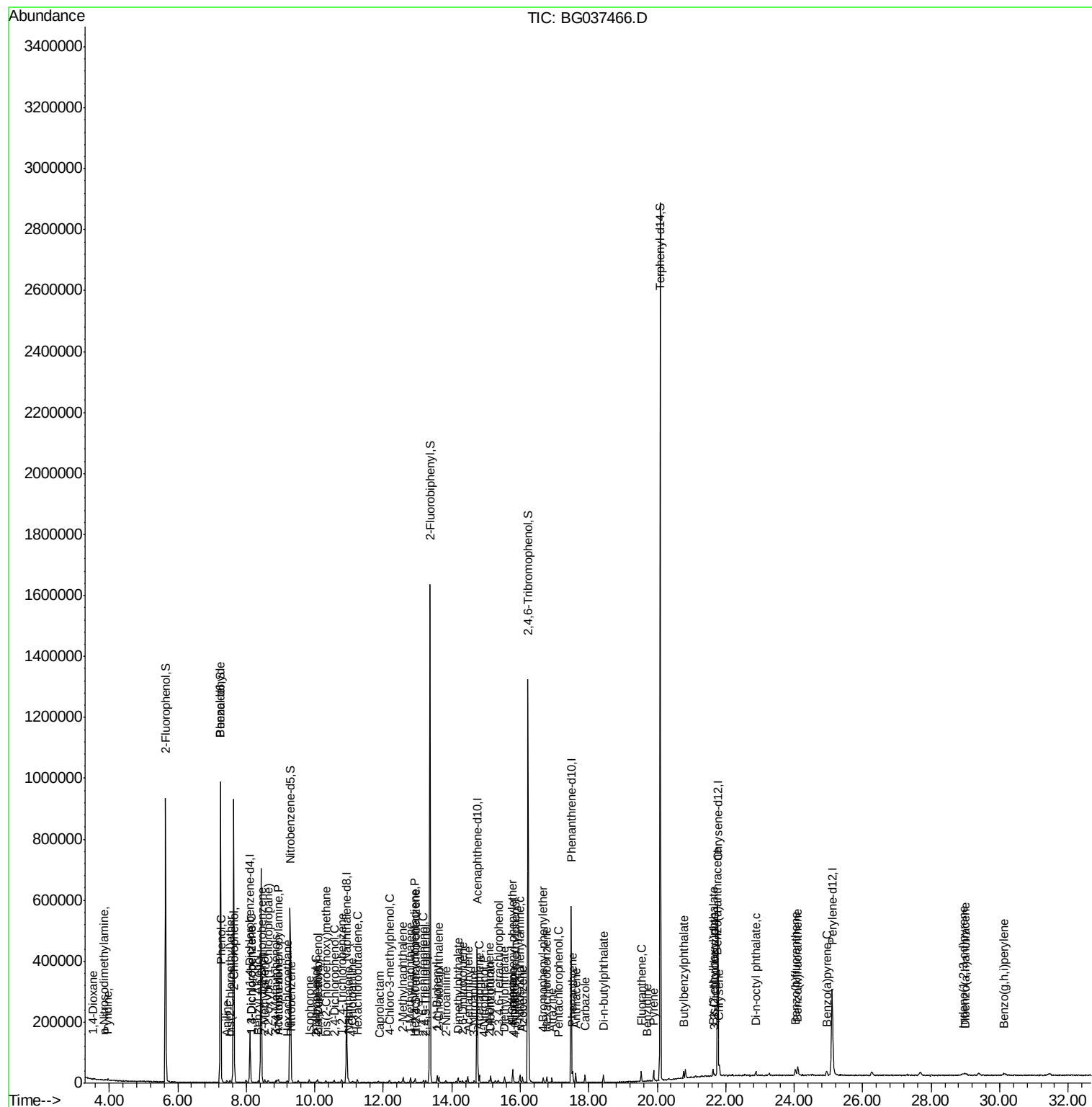
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	2092	0.886	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	2518	0.762	ng	# 86
44) 2,4,5-Trichlorophenol	13.24	196	2979	0.828	ng	# 88
46) 1,1'-Biphenyl	13.58	154	14443	1.138	ng	96
47) 2-Chloronaphthalene	13.62	162	10310	1.074	ng	94
48) 2-Nitroaniline	13.83	65	2079	0.714	ng	88
49) Acenaphthylene	14.46	152	15790	1.093	ng	# 90
50) Dimethylphthalate	14.19	163	12867	1.085	ng	98
51) 2,6-Dinitrotoluene	14.32	165	2007	0.765	ng	# 67
52) Acenaphthene	14.80	154	9115	1.025	ng	# 87
53) 3-Nitroaniline	14.65	138	1828	0.628	ng	86
55) Dibenzofuran	15.14	168	16925	1.148	ng	93
56) 4-Nitrophenol	14.95	139	559	0.259	ng	# 27
57) 2,4-Dinitrotoluene	15.10	165	2405	0.698	ng	# 94
58) Fluorene	15.79	166	13304	1.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	2141	0.695	ng	# 97
60) Diethylphthalate	15.54	149	12239	1.005	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	6601	1.026	ng	94
62) 4-Nitroaniline	15.81	138	2363	0.817	ng	89
63) Azobenzene	16.07	77	12185	1.049	ng	95
65) 4,6-Dinitro-2-methylphenol	15.86	198	74	8.539	ng	# 25
66) n-Nitrosodiphenylamine	15.99	169	10861	0.970	ng	95
67) 4-Bromophenyl-phenylether	16.67	248	3804	0.930	ng	# 85
68) Hexachlorobenzene	16.78	284	4264	1.006	ng	93
69) Atrazine	16.92	200	3517	0.868	ng	87
70) Pentachlorophenol	17.12	266	685	0.241	ng	# 81
71) Phenanthrene	17.53	178	22536	1.191	ng	96
72) Anthracene	17.62	178	20659	1.112	ng	96
73) Carbazole	17.89	167	17544	0.944	ng	100
74) Di-n-butylphthalate	18.43	149	19811	0.958	ng	96
75) Fluoranthene	19.53	202	23961	1.116	ng	94
77) Benzidine	19.72	184	2315	0.196	ng	# 95
78) Pyrene	19.90	202	23459	1.034	ng	98
80) Butylbenzylphthalate	20.77	149	7041	0.758	ng	88
81) Benzo(a)anthracene	21.75	228	23131	1.126	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	4185	0.526	ng	# 86
83) Chrysene	21.81	228	22849	1.157	ng	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	10543	0.810	ng	# 94
85) Di-n-octyl phthalate	22.88	149	15599	0.735	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.92	276	5871	0.277	ng	# 72
88) Benzo(b)fluoranthene	24.03	252	19624	1.074	ng	94
89) Benzo(k)fluoranthene	24.10	252	19453	1.087	ng	# 89
90) Benzo(a)pyrene	24.95	252	17963	1.034	ng	# 91
91) Dibenzo(a,h)anthracene	28.98	278	3469	0.217	ng	# 63
92) Benzo(g,h,i)perylene	30.12	276	6009	0.371	ng	93

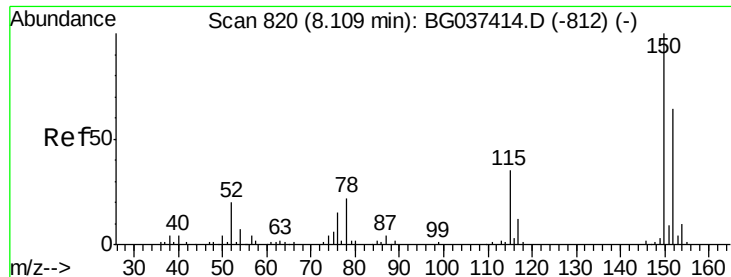
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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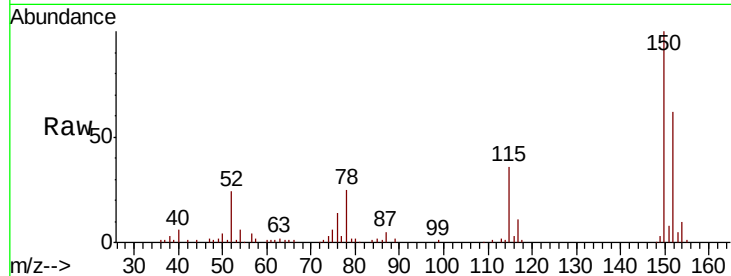


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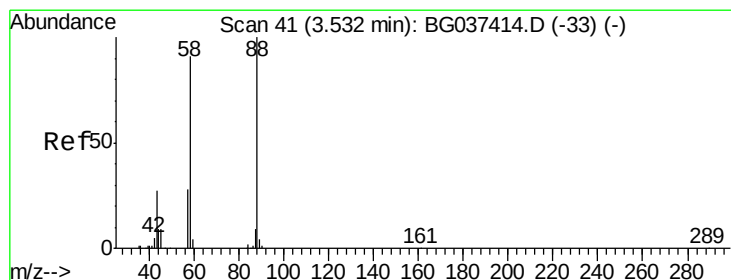
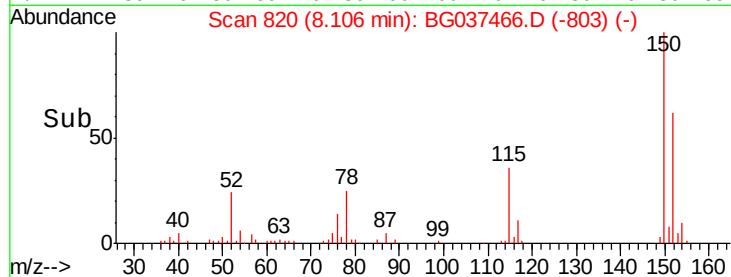
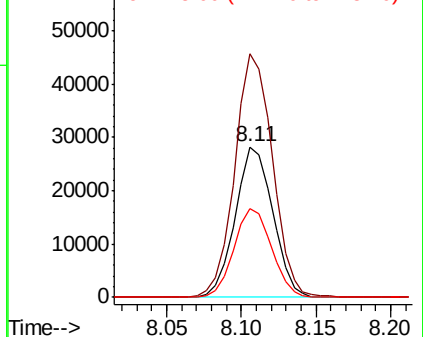
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:152 Resp: 49108
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 58.7 45.5 68.3



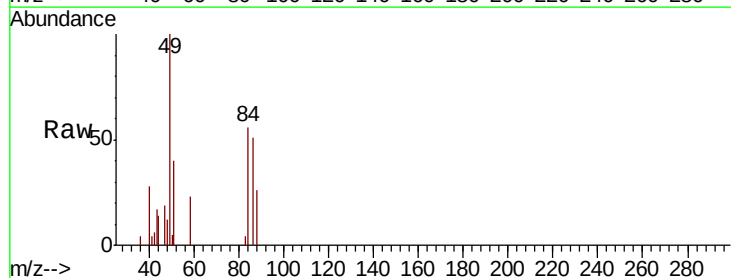
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



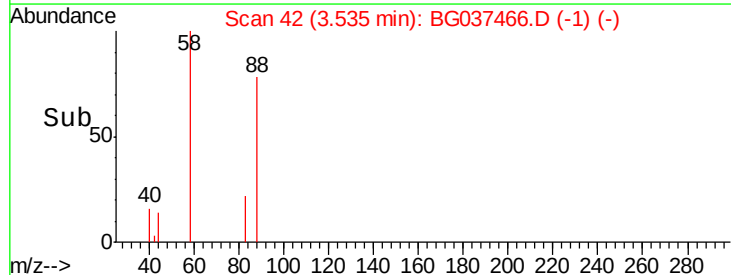
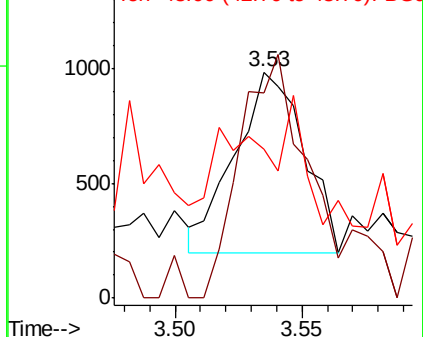
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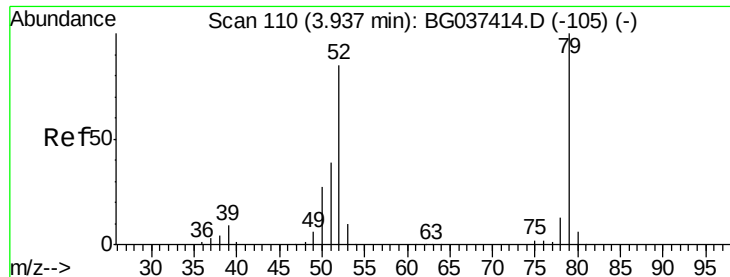
1,4-Dioxane
Concen: 1.005 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion: 88 Resp: 1497
Ion Ratio Lower Upper
88 100
58 147.0 74.4 111.6#
43 0.0 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: 0.966 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

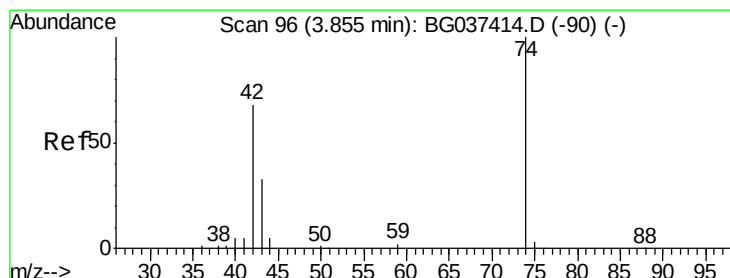
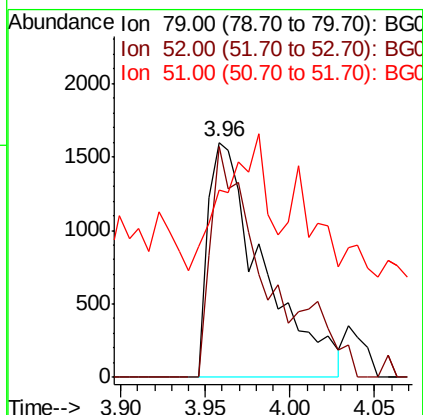
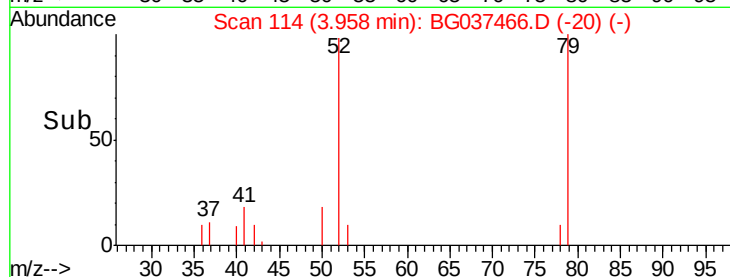
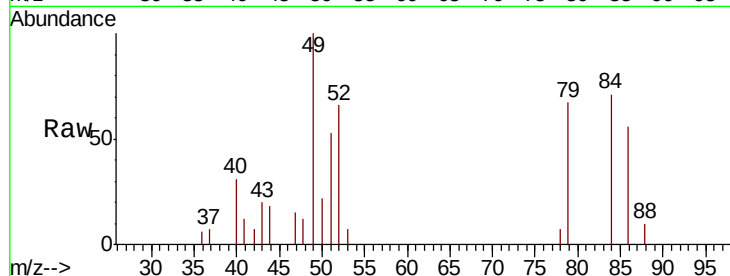
Tgt Ion: 79 Resp: 3625

Ion Ratio Lower Upper

79 100

52 98.2 74.2 111.2

51 79.9 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

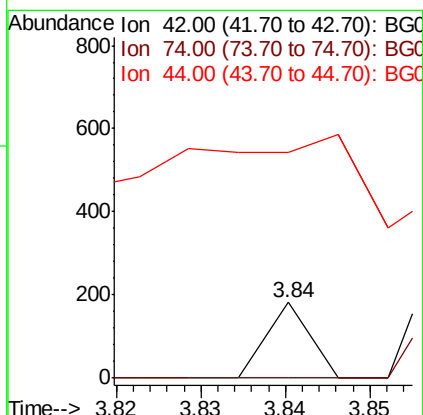
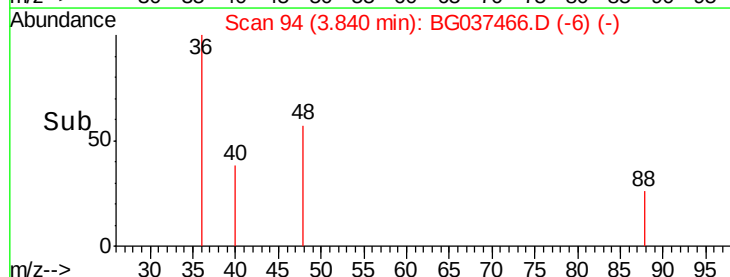
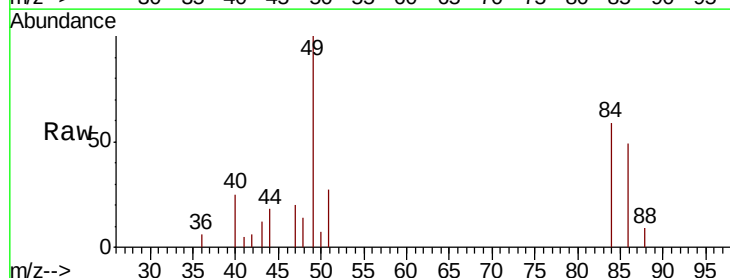
Tgt Ion: 42 Resp: 64

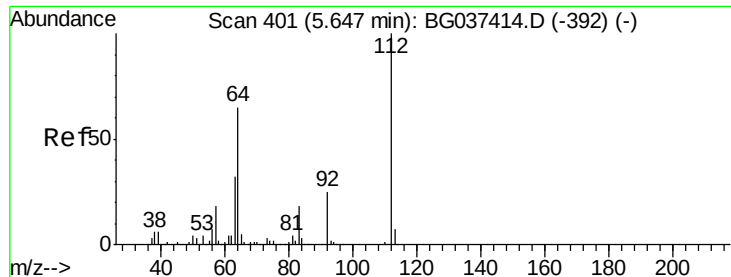
Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

44 298.4 9.6 14.4#





#5

2-Fluorophenol

Concen: 146.542 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

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ClientSampleId :

MDL-WATER-03-QT4-2018

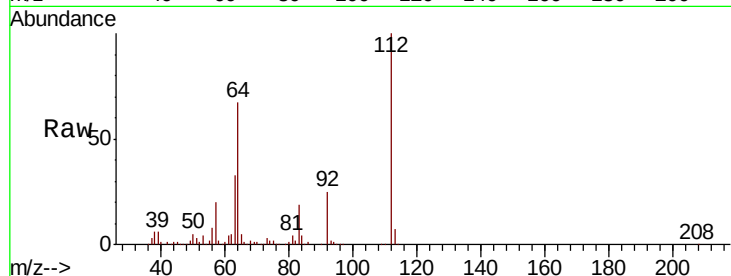
Tgt Ion: 112 Resp: 430445

Ion Ratio Lower Upper

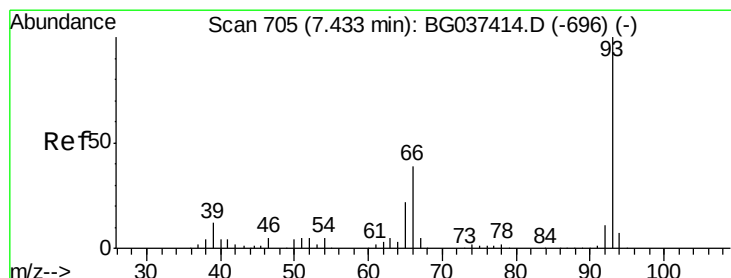
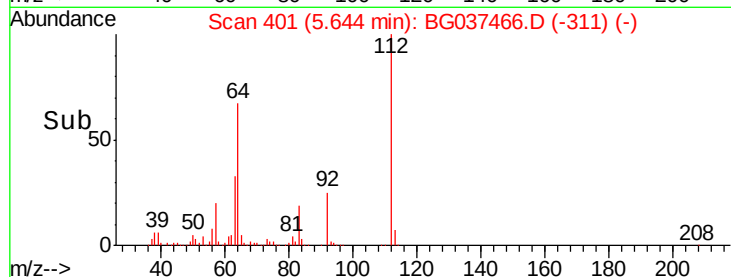
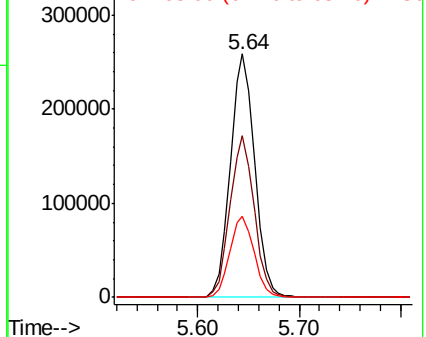
112 100

64 66.6 53.1 79.7

63 33.1 27.3 40.9



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



#6

Aniline

Concen: 0.664 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

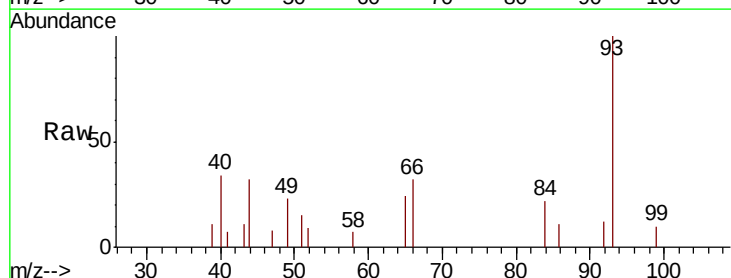
Tgt Ion: 93 Resp: 3599

Ion Ratio Lower Upper

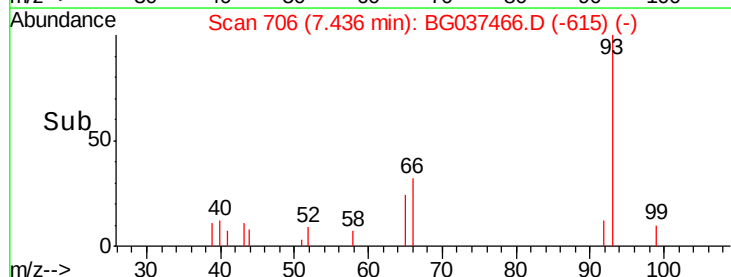
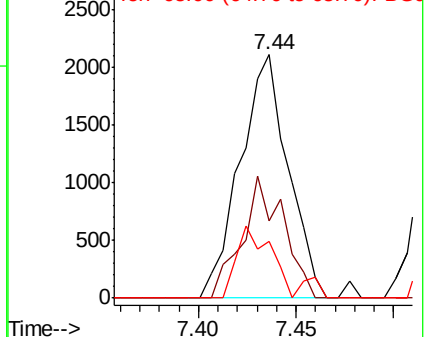
93 100

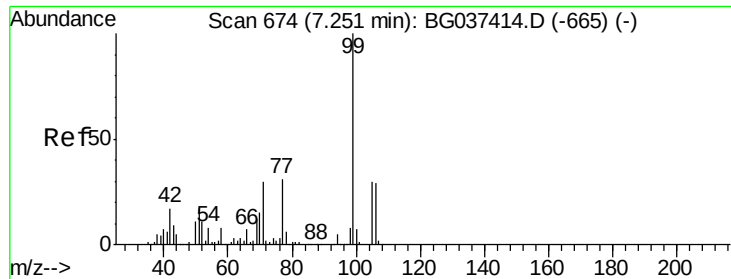
66 31.6 32.8 49.2#

65 23.6 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: 140.826 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037466.D

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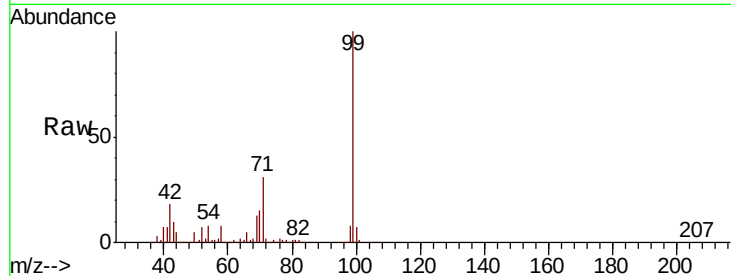
Tgt Ion: 99 Resp: 625495

Ion Ratio Lower Upper

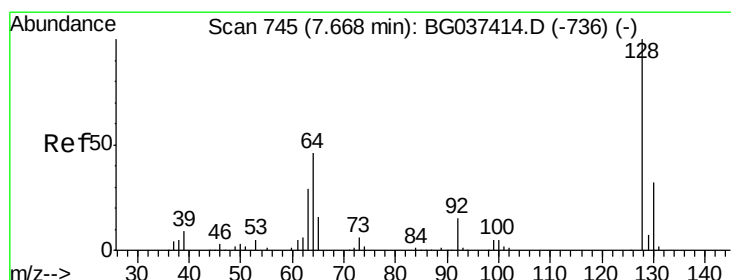
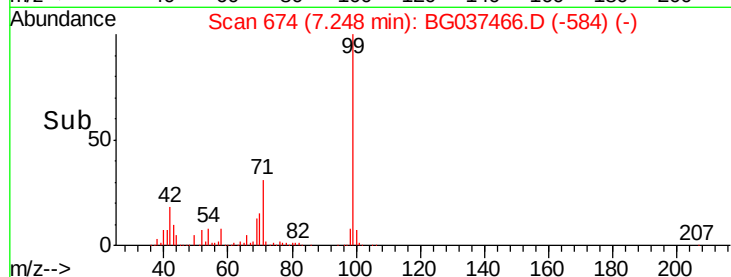
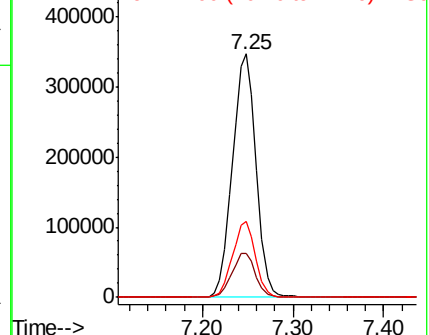
99 100

42 17.9 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: 1.097 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

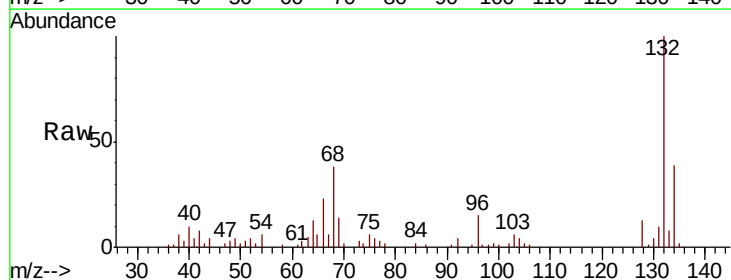
Tgt Ion: 128 Resp: 3770

Ion Ratio Lower Upper

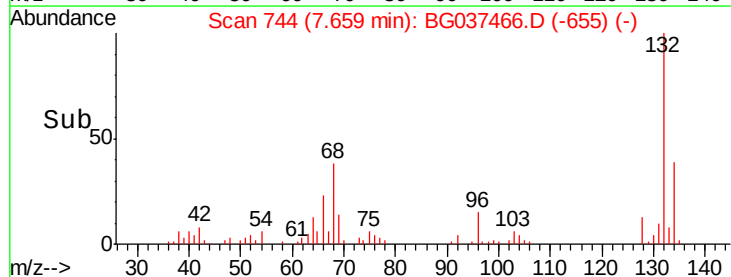
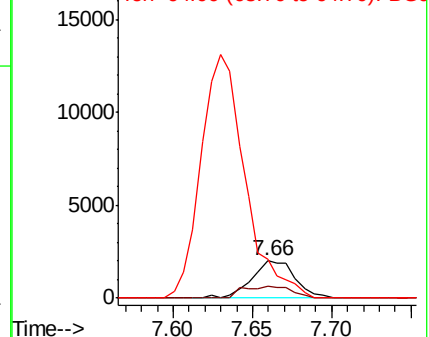
128 100

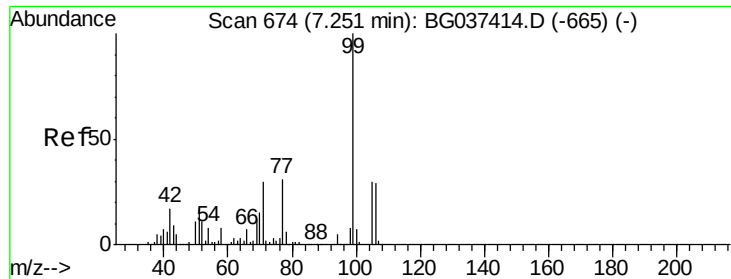
130 30.8 12.0 52.0

64 104.2 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: 1.261 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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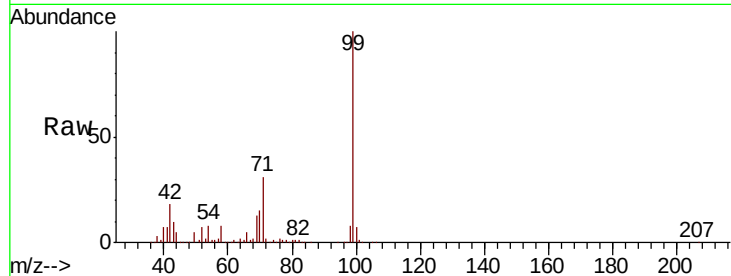
Tgt Ion: 77 Resp: 3503

Ion Ratio Lower Upper

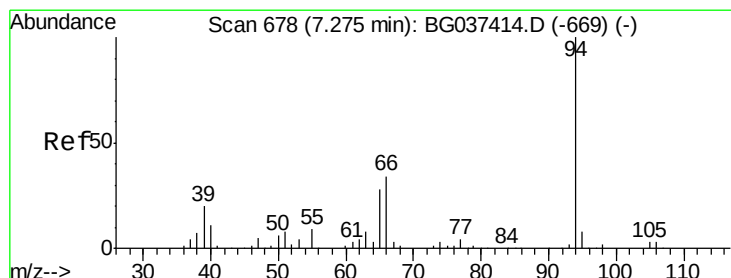
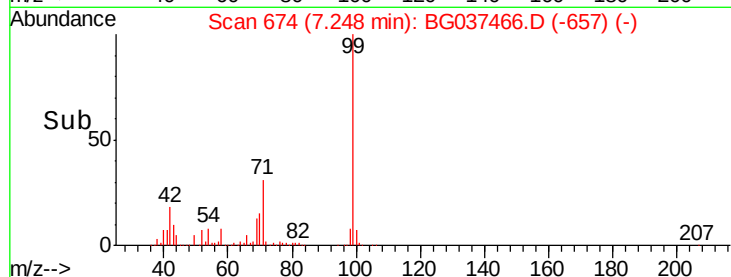
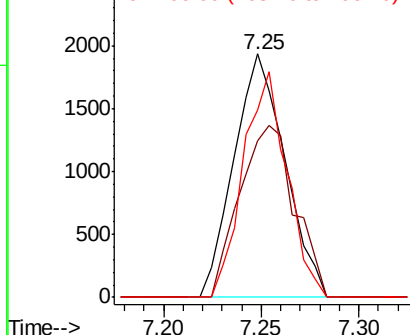
77 100

105 64.2 72.6 112.6#

106 76.9 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: 1.090 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

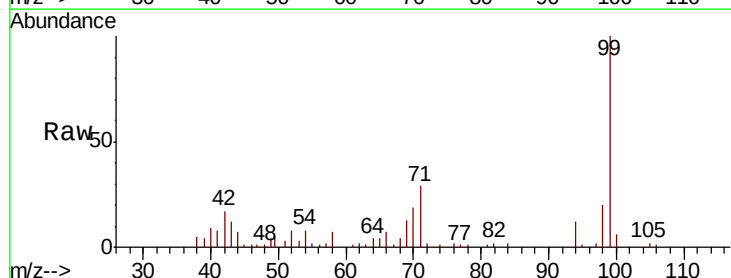
Tgt Ion: 94 Resp: 5109

Ion Ratio Lower Upper

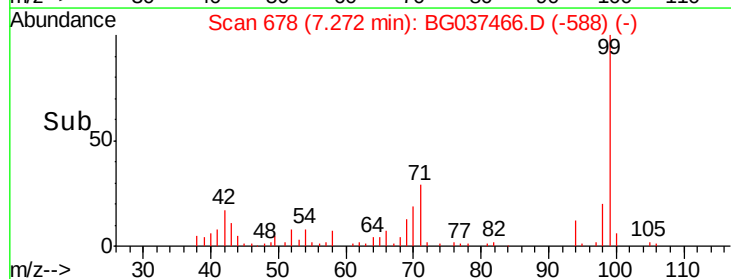
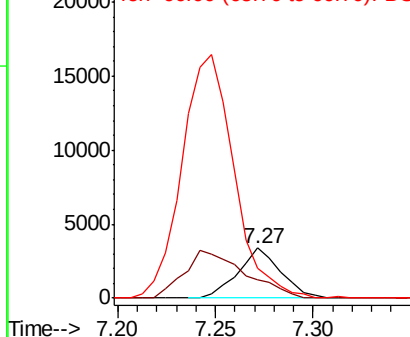
94 100

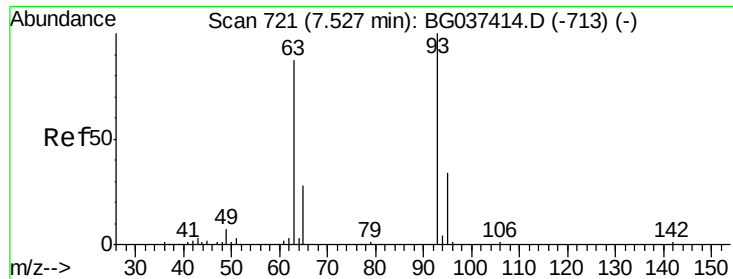
65 36.4 9.7 49.7

66 60.0 15.9 55.9#



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

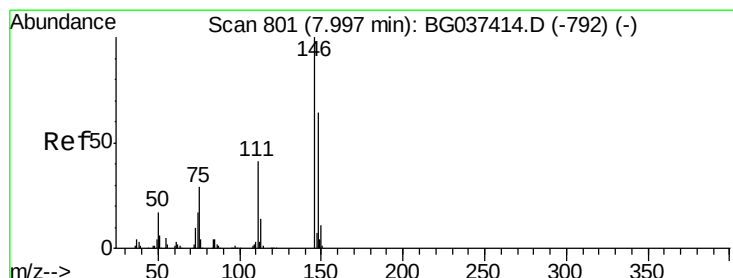
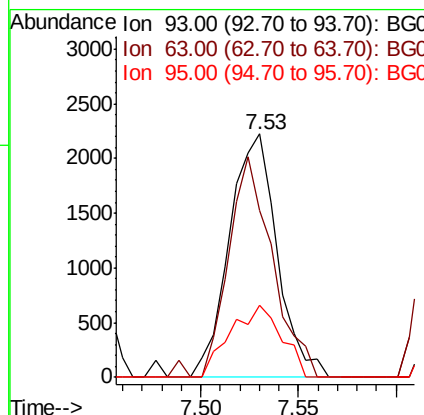
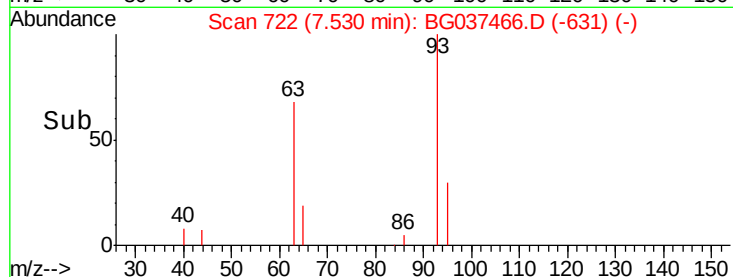
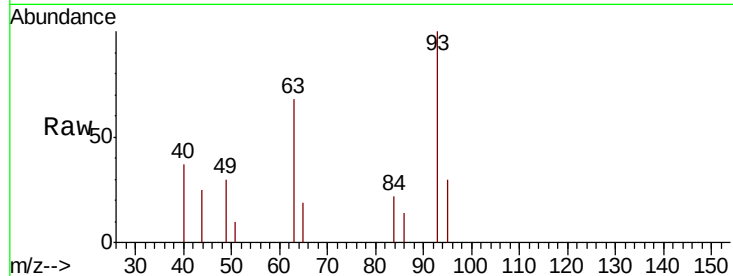




#11
 bis(2-Chloroethyl)ether
 Concen: 1.059 ng
 RT: 7.53 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

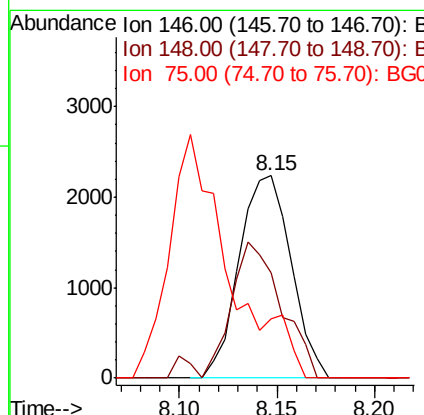
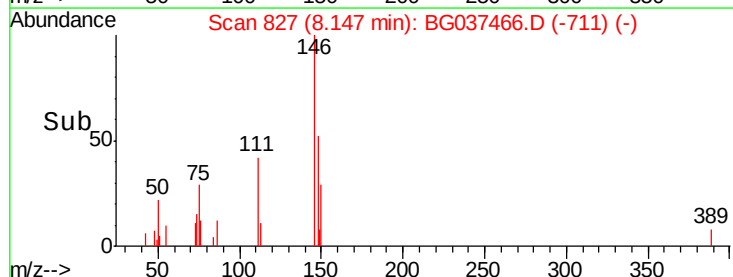
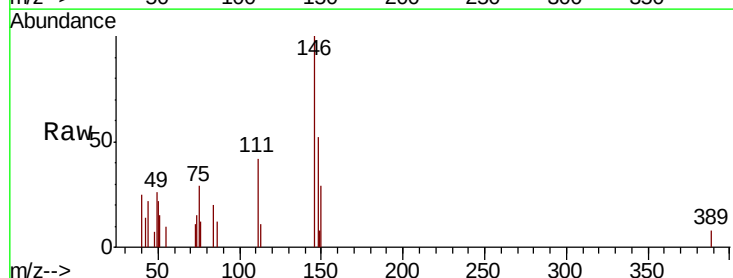
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

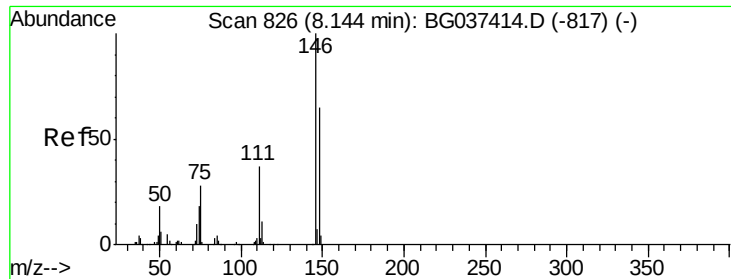
Tgt Ion: 93 Resp: 3770
 Ion Ratio Lower Upper
 93 100
 63 68.5 69.5 109.5#
 95 29.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 1.080 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.15 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion: 146 Resp: 4131
 Ion Ratio Lower Upper
 146 100
 148 52.4 49.8 74.8
 75 29.2 23.2 34.8

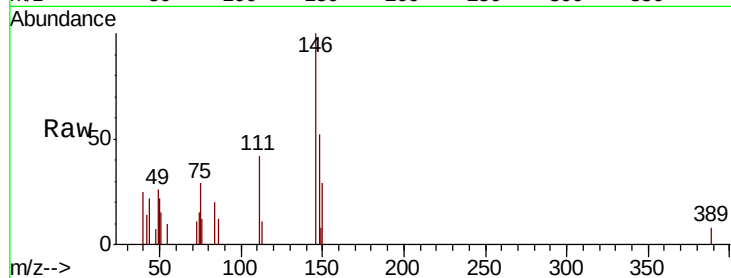




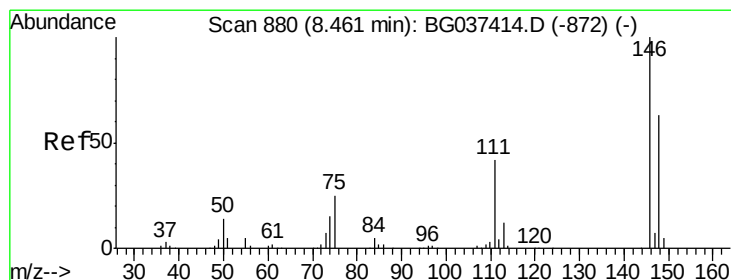
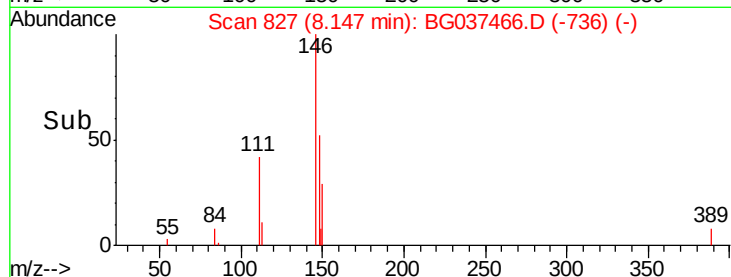
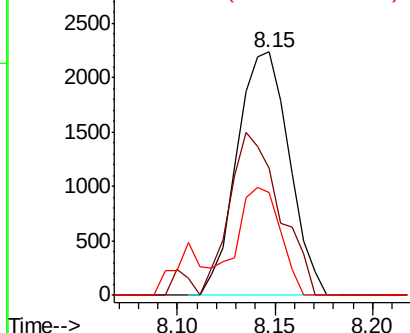
#13
 1,4-Dichlorobenzene
 Concen: 1.056 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:146 Resp: 4131
 Ion Ratio Lower Upper
 146 100
 148 52.4 51.0 76.6
 111 42.0 32.4 48.6

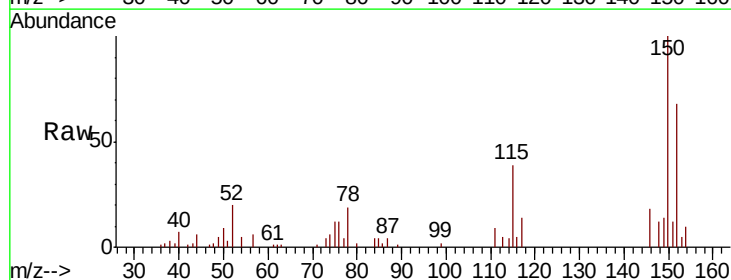


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

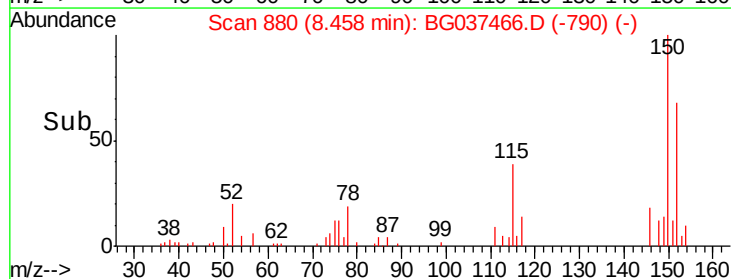
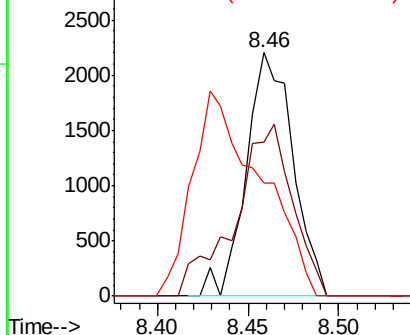


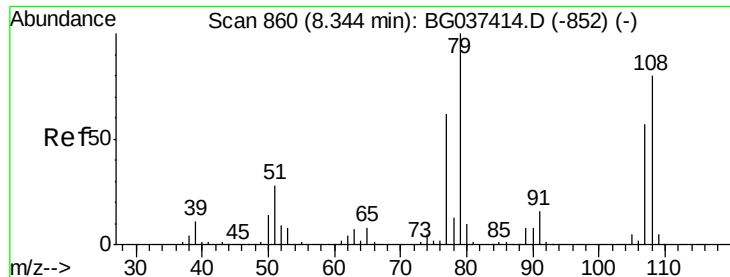
#14
 1,2-Dichlorobenzene
 Concen: 1.046 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion:146 Resp: 3936
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 46.6 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: 0.926 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

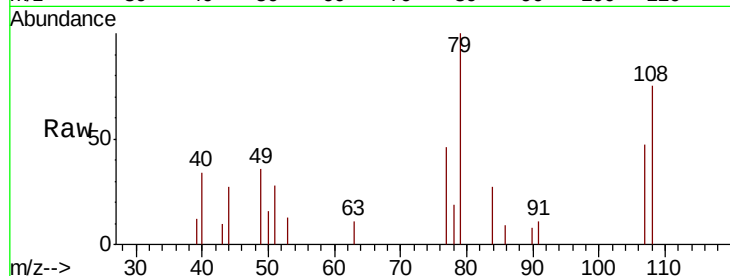
Tgt Ion: 79 Resp: 3039

Ion Ratio Lower Upper

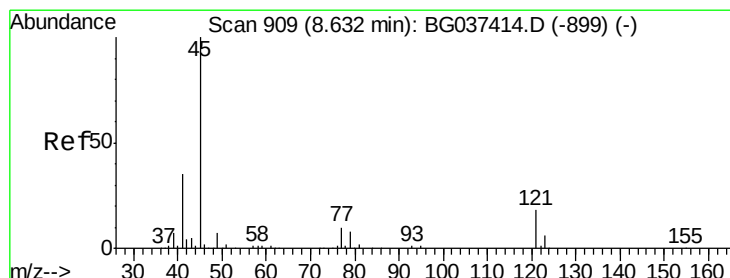
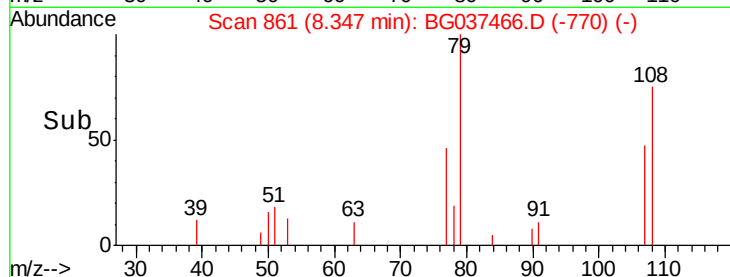
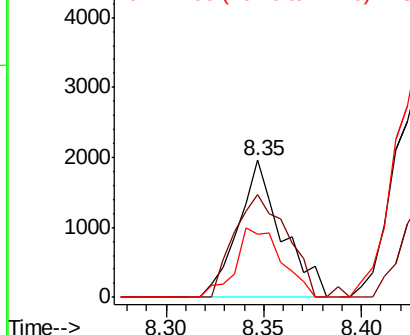
79 100

108 75.4 65.8 98.8

77 46.0 52.9 79.3#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.026 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

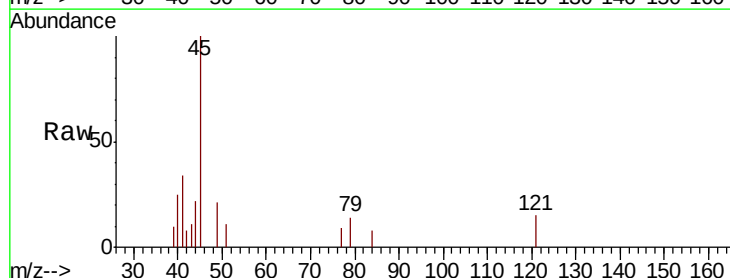
Tgt Ion: 45 Resp: 6532

Ion Ratio Lower Upper

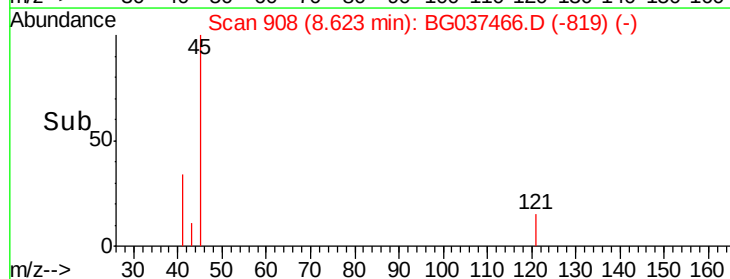
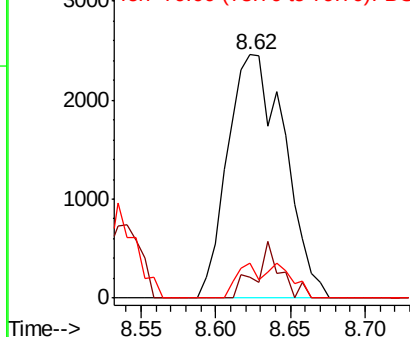
45 100

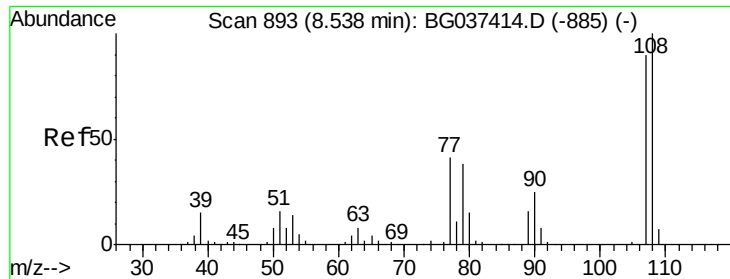
77 8.8 0.0 30.0

79 14.1 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

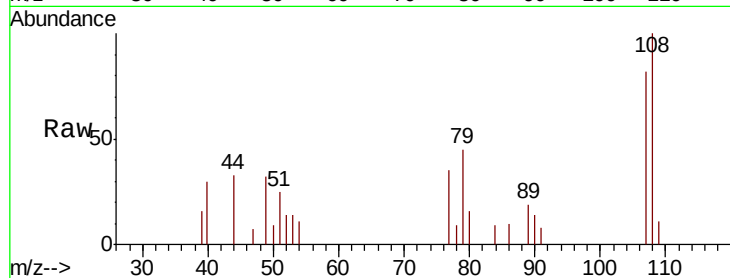




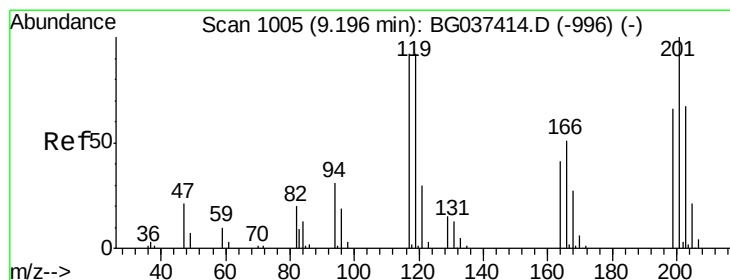
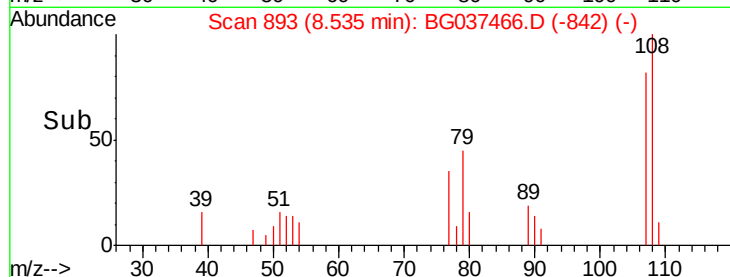
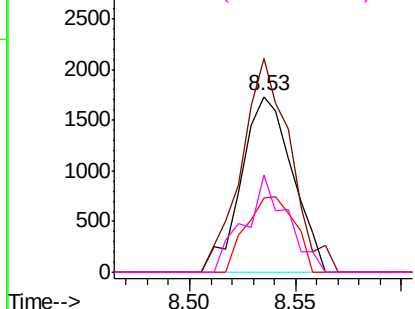
#17
2-Methylphenol
Concen: 0.937 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:107 Resp: 2902
Ion Ratio Lower Upper
107 100
108 121.7 87.9 131.9
77 42.1 35.1 52.7
79 55.2 34.5 51.7#

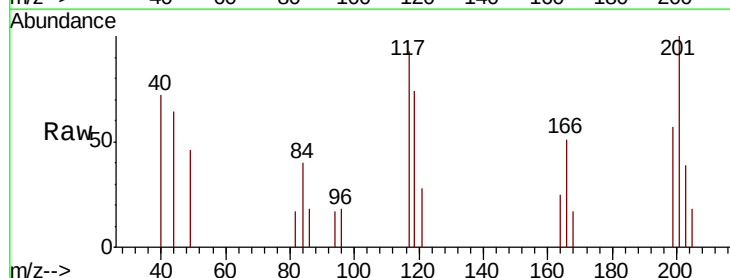


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

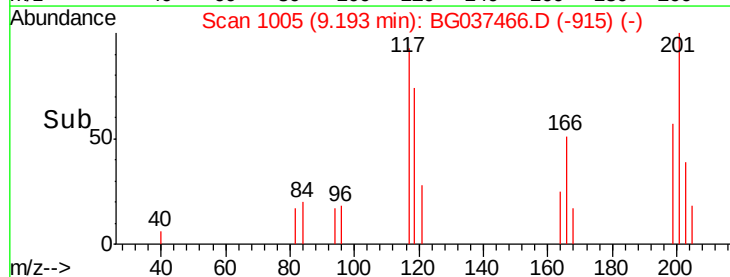
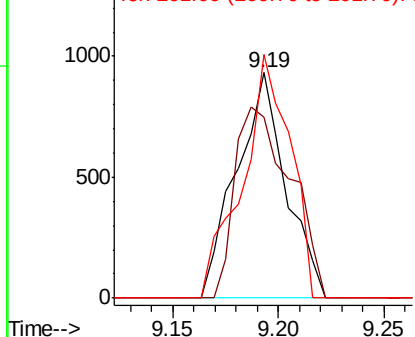


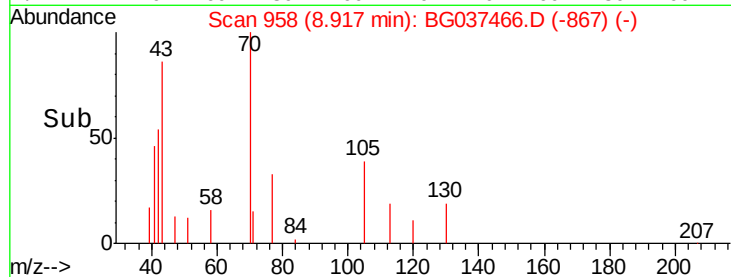
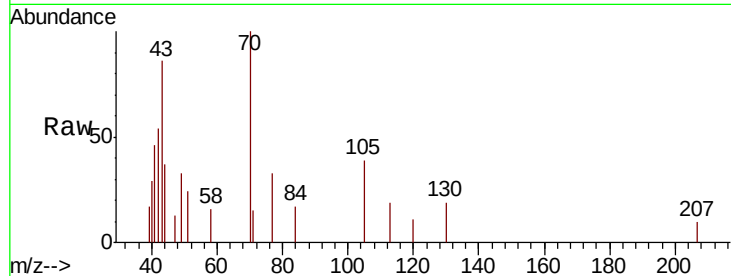
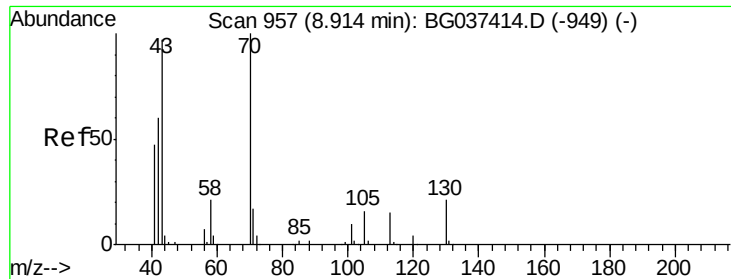
#18
Hexachloroethane
Concen: 1.139 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:117 Resp: 1520
Ion Ratio Lower Upper
117 100
119 80.3 74.6 111.8
201 107.9 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

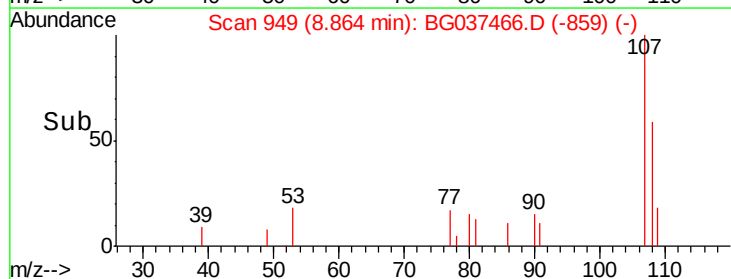
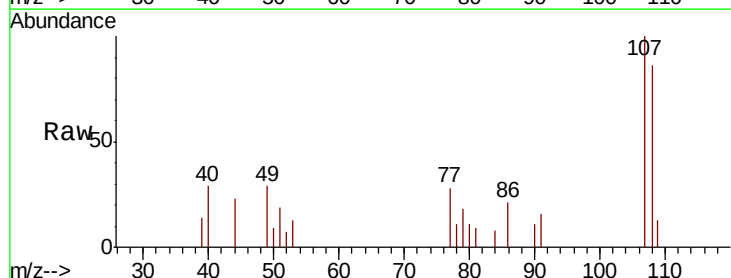
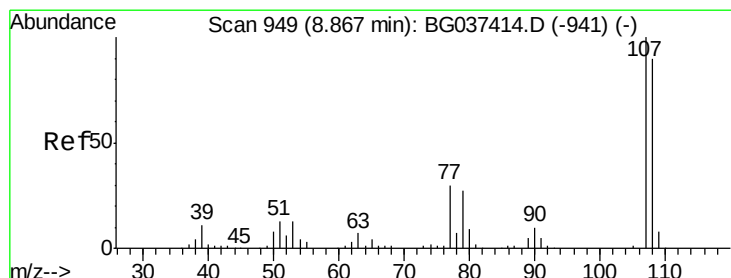
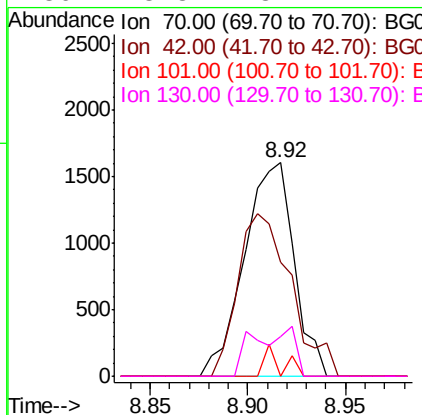




#19
n-Nitroso-di-n-propylamine
Concen: 0.928 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

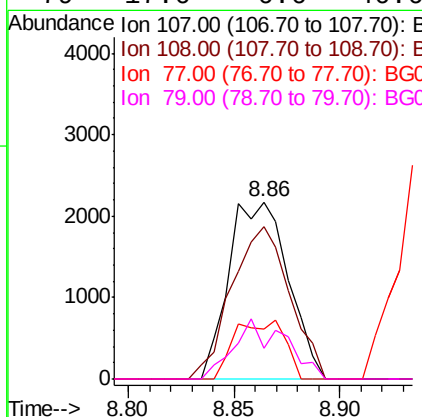
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

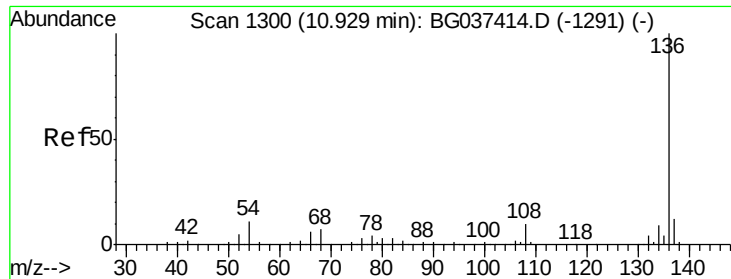
Tgt Ion:	70	Resp:	2837
Ion	Ratio	Lower	Upper
70	100		
42	53.5	53.9	80.9#
101	0.0	8.2	12.2#
130	18.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 0.953 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:	107	Resp:	4222
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	28.4	11.2	51.2
79	17.6	6.6	46.6

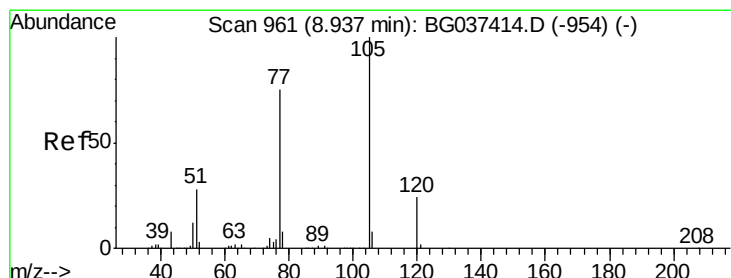
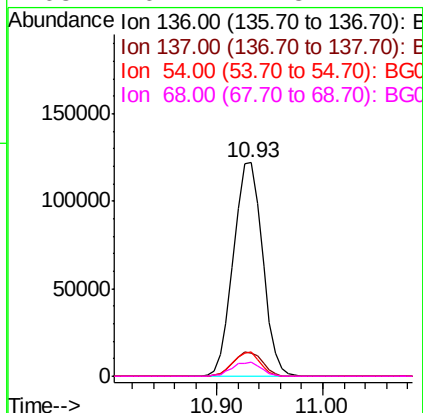
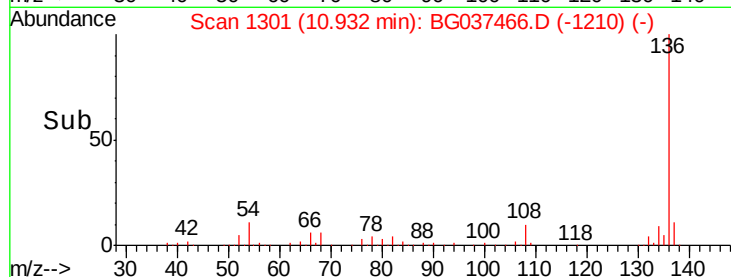
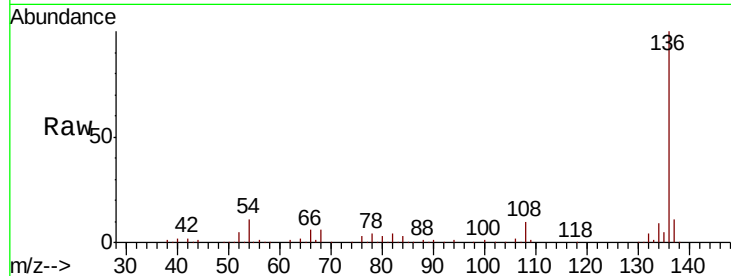




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

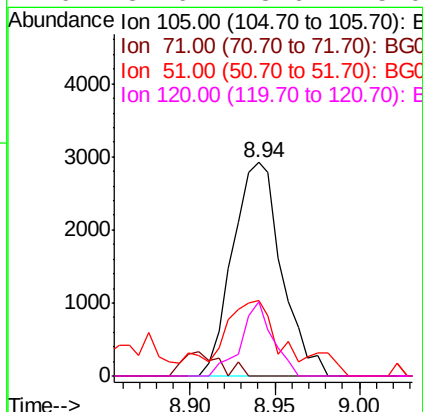
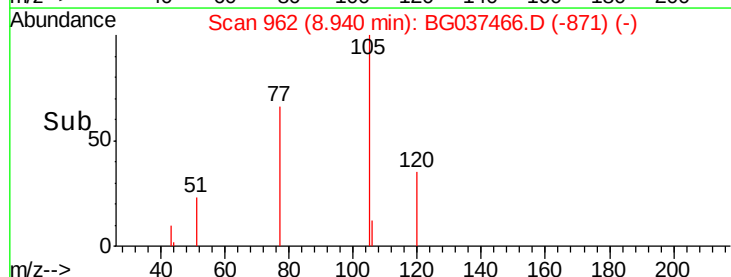
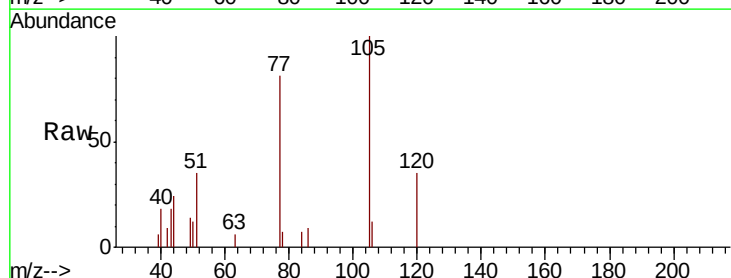
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

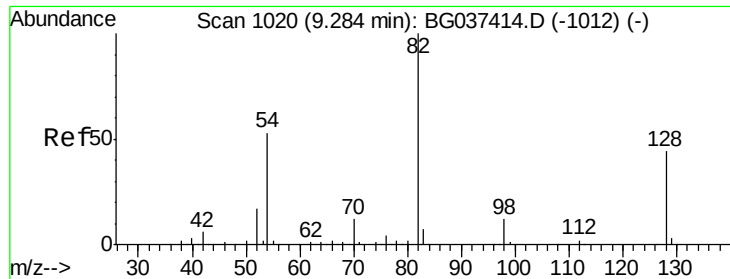
Tgt Ion:	136	Resp:	232598
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.3	7.9	11.9
68	6.4	4.8	7.2



#22
Acetophenone
Concen: 1.007 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:	105	Resp:	5876
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	35.4	25.0	37.6
120	34.6	18.6	28.0#

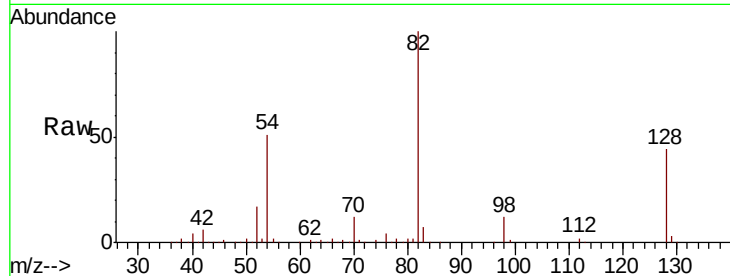




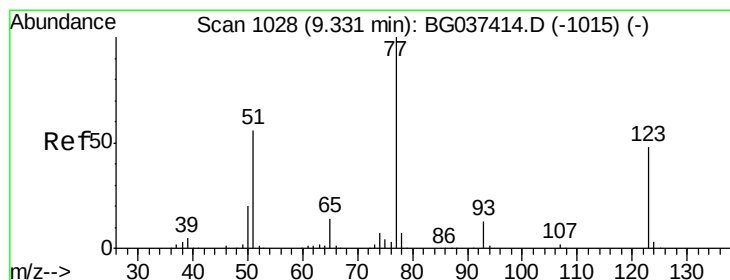
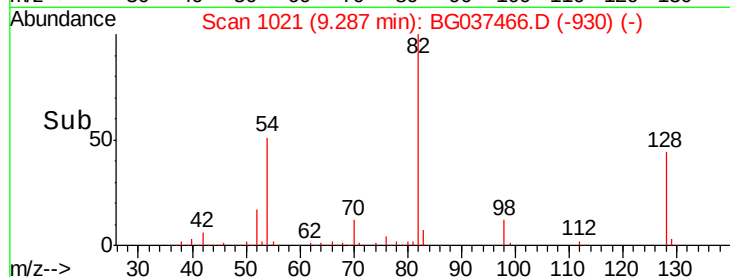
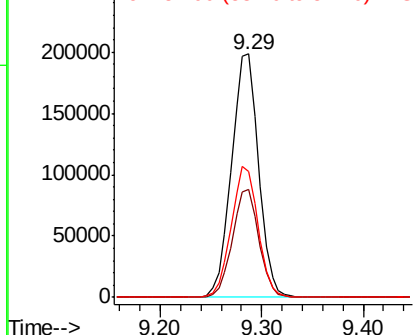
#23
 Nitrobenzene-d5
 Concen: 88.445 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 82 Resp: 367236
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 51.5 45.3 67.9

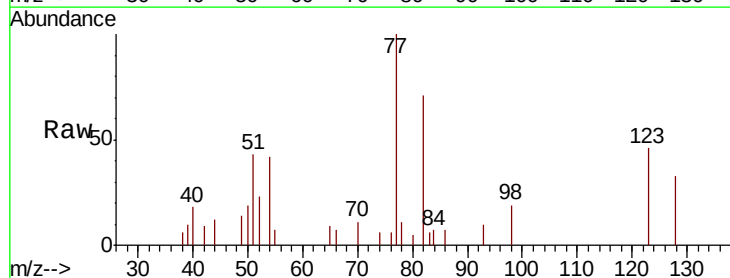


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

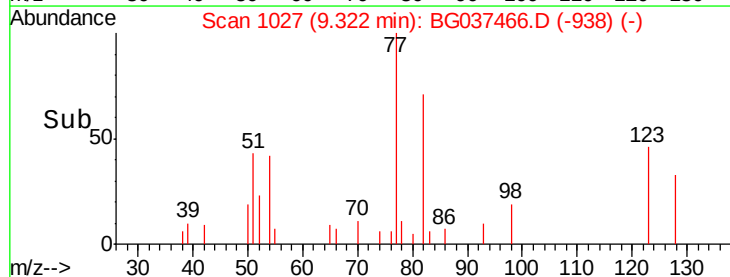
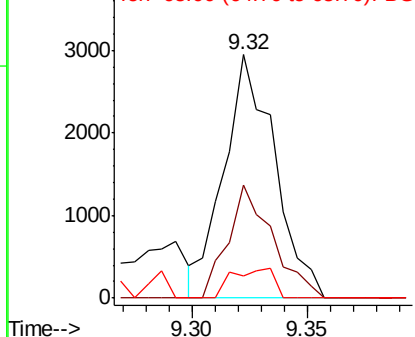


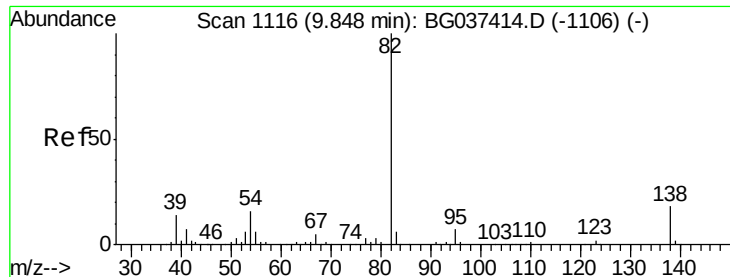
#24
 Nitrobenzene
 Concen: 1.043 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion: 77 Resp: 4498
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.6 50.4
 65 9.0 11.3 16.9#



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





#25

Isophorone

Concen: 1.036 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

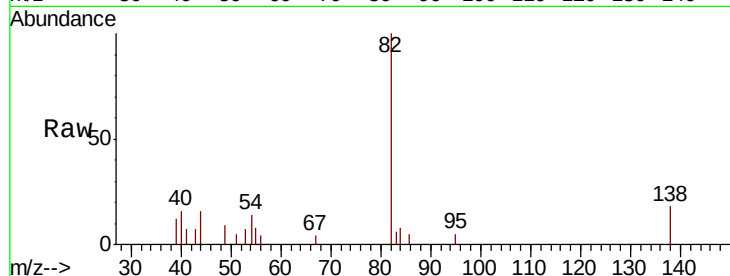
Tgt Ion: 82 Resp: 7862

Ion Ratio Lower Upper

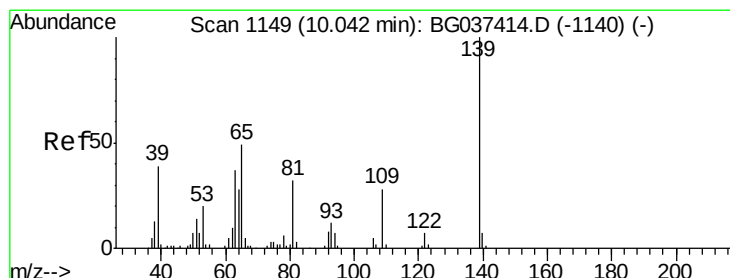
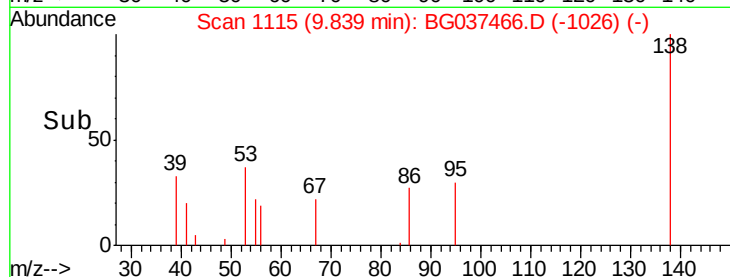
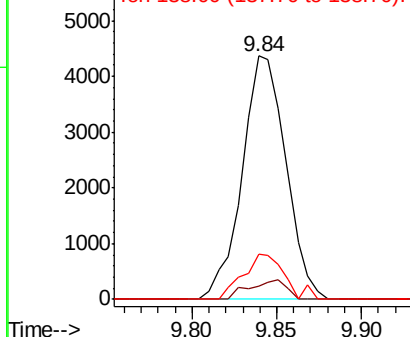
82 100

95 5.5 5.3 7.9

138 18.5 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: 0.912 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

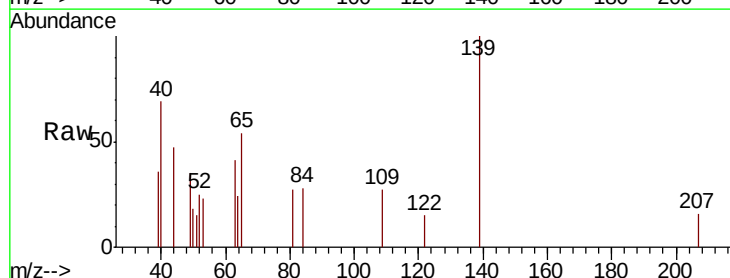
Tgt Ion: 139 Resp: 1773

Ion Ratio Lower Upper

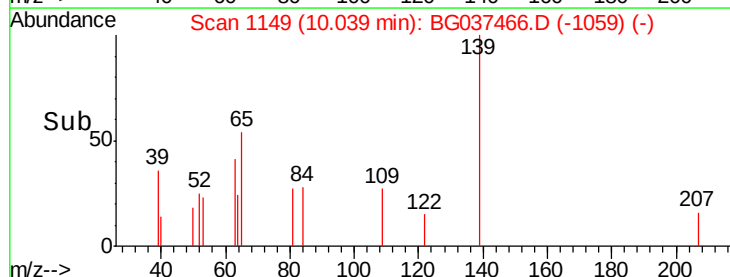
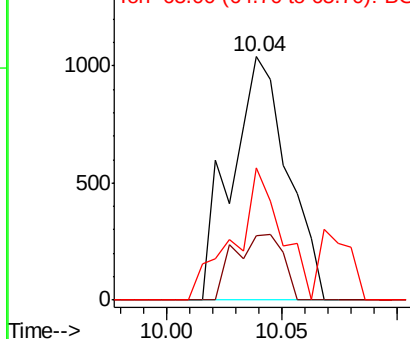
139 100

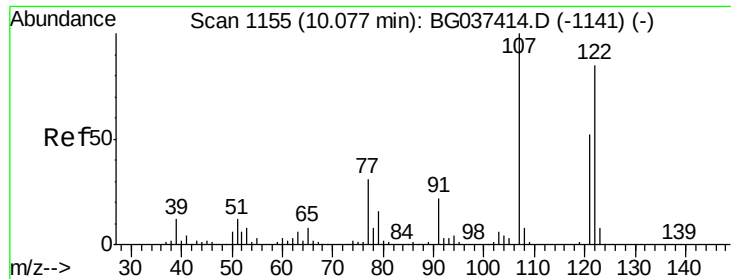
109 26.5 23.3 34.9

65 54.3 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

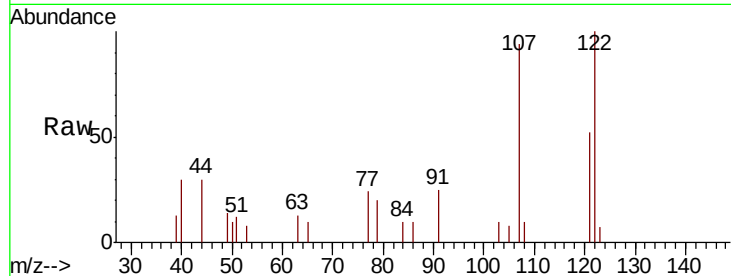




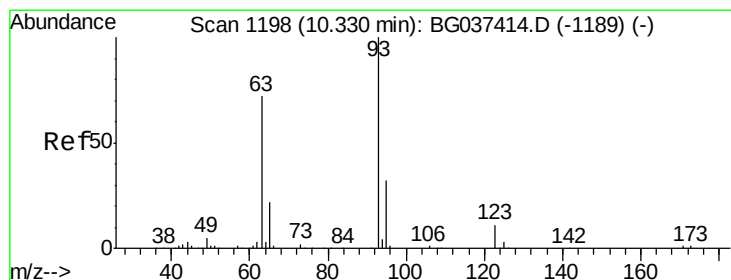
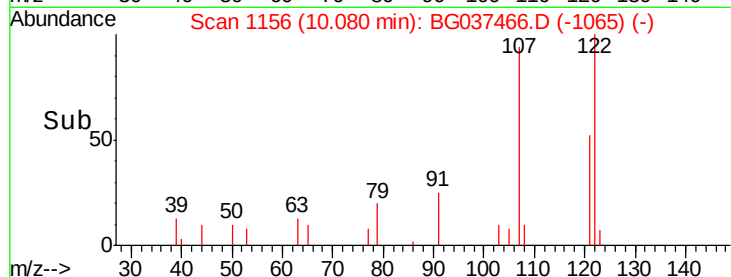
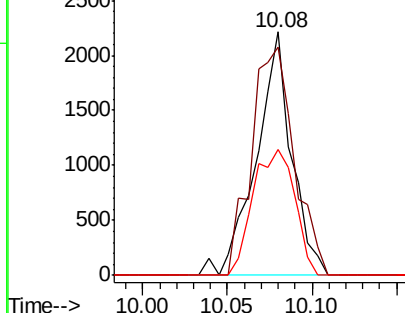
#27
 2,4-Dimethylphenol
 Concen: 0.925 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 122 Resp: 3208
 Ion Ratio Lower Upper
 122 100
 107 93.7 94.2 141.2#
 121 51.9 47.3 70.9

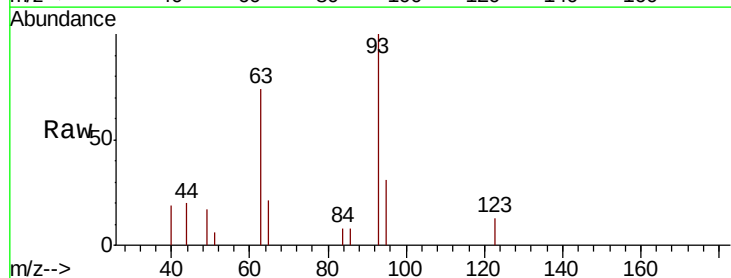


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

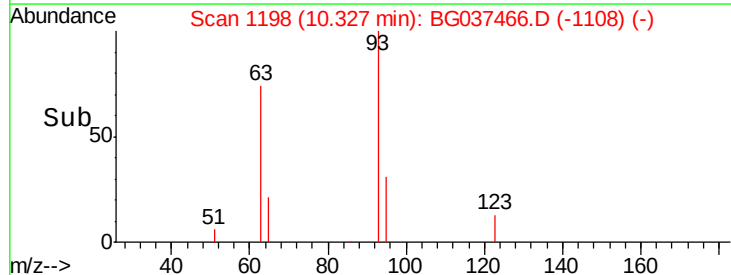
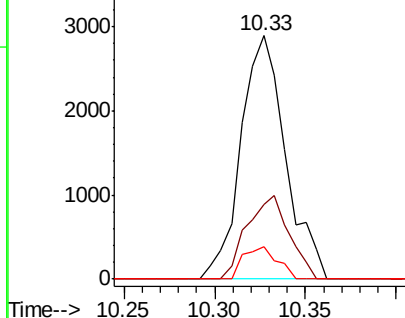


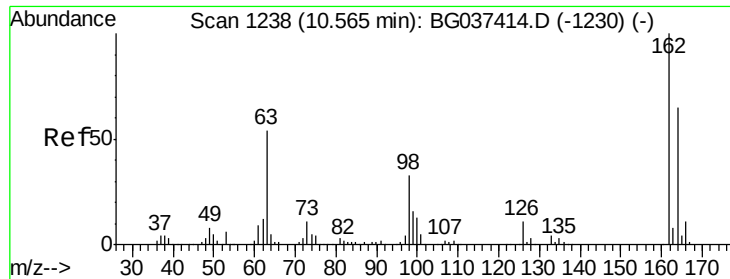
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.997 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion: 93 Resp: 4955
 Ion Ratio Lower Upper
 93 100
 95 30.6 24.6 37.0
 123 13.5 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

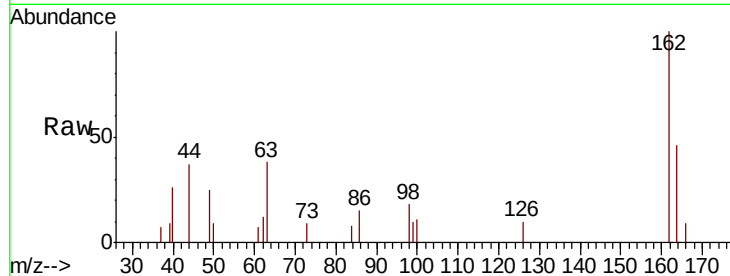




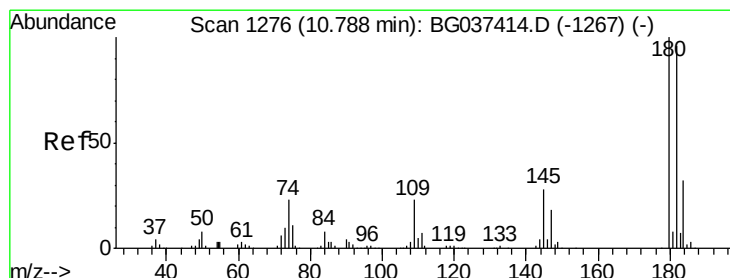
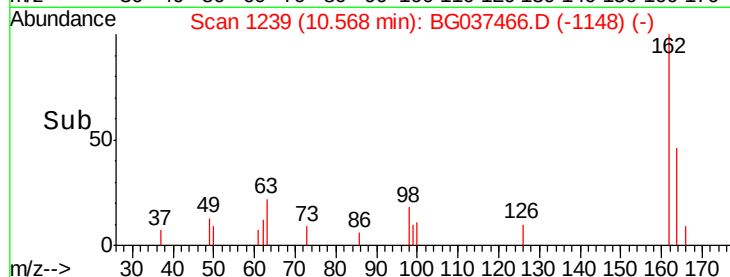
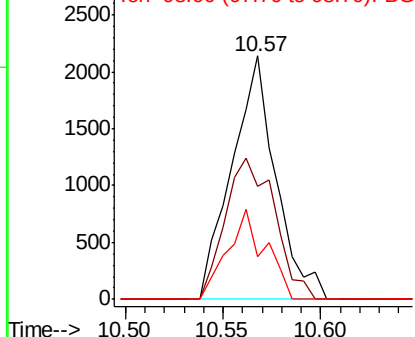
#29
2,4-Dichlorophenol
Concen: 0.865 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:162 Resp: 3342
Ion Ratio Lower Upper
162 100
164 46.4 43.2 83.2
98 17.7 16.0 56.0

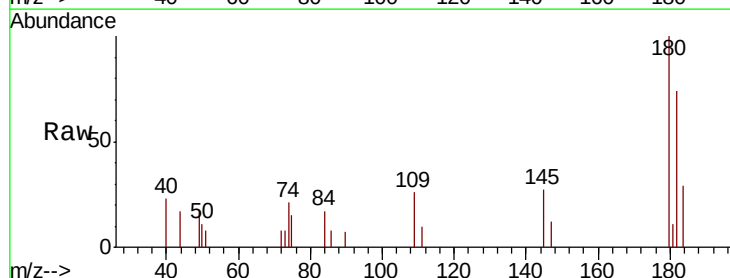


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

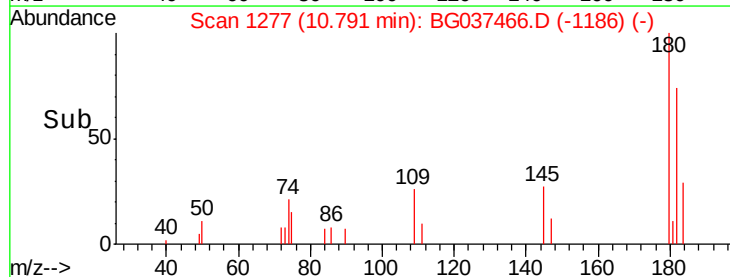
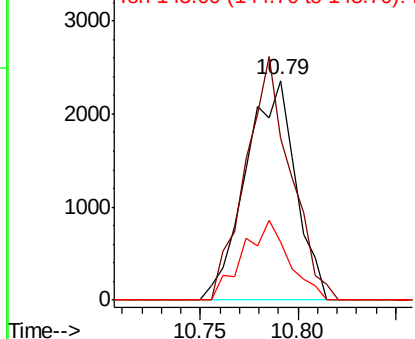


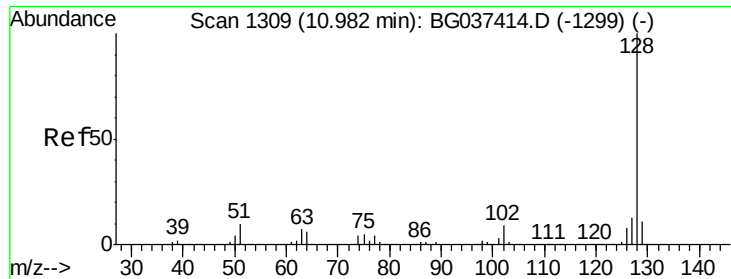
#30
1,2,4-Trichlorobenzene
Concen: 0.991 ng
RT: 10.79 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:180 Resp: 4161
Ion Ratio Lower Upper
180 100
182 73.9 77.7 116.5#
145 26.6 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

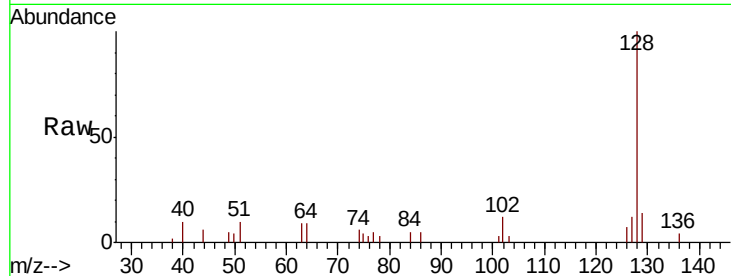




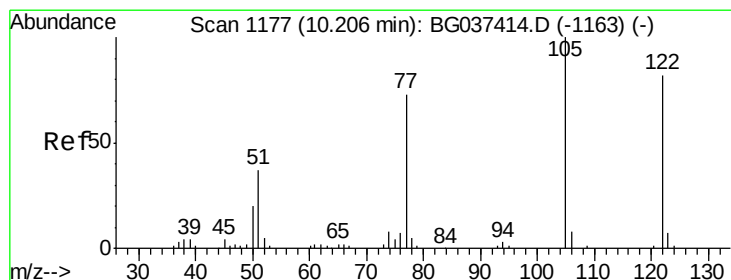
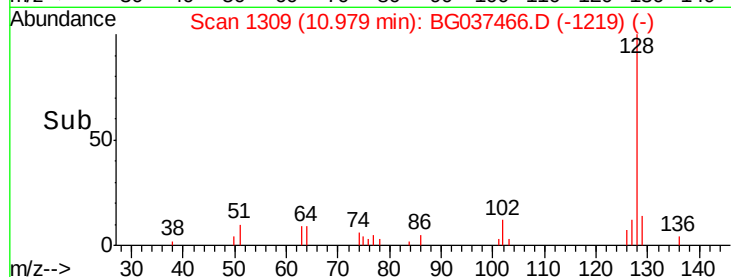
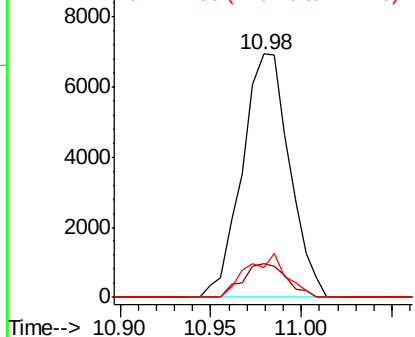
#31
Naphthalene
Concen: 1.105 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:128 Resp: 12620
Ion Ratio Lower Upper
128 100
129 13.9 9.0 13.6#
127 12.0 11.1 16.7

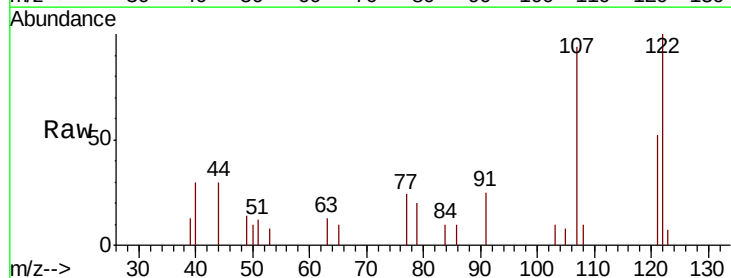


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

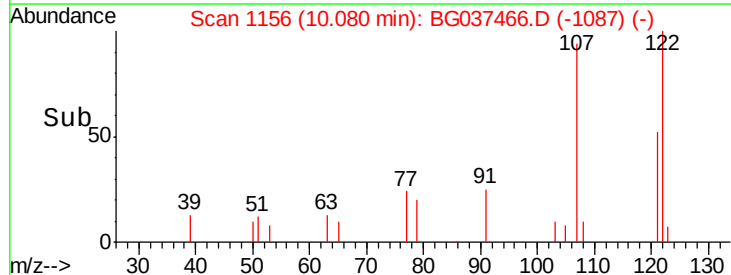
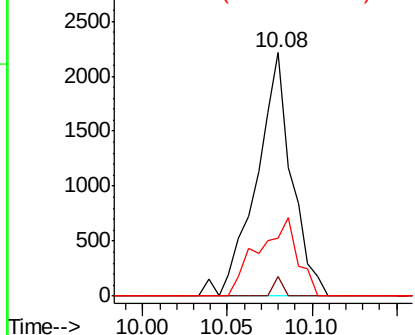


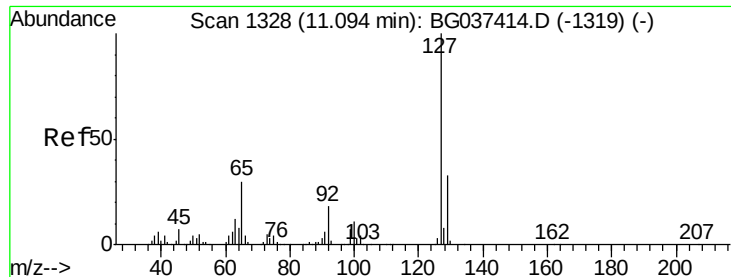
#32
Benzoic acid
Concen: 1.424 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:122 Resp: 3208
Ion Ratio Lower Upper
122 100
105 8.2 106.7 146.7#
77 23.7 72.2 112.2#



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

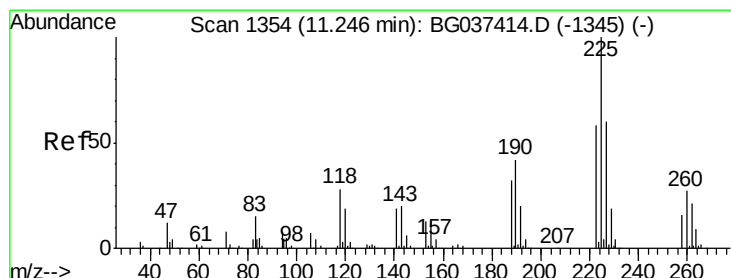
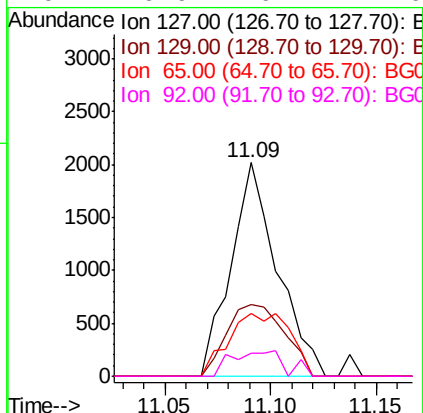
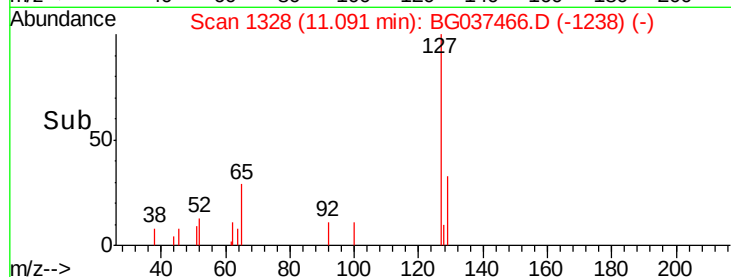
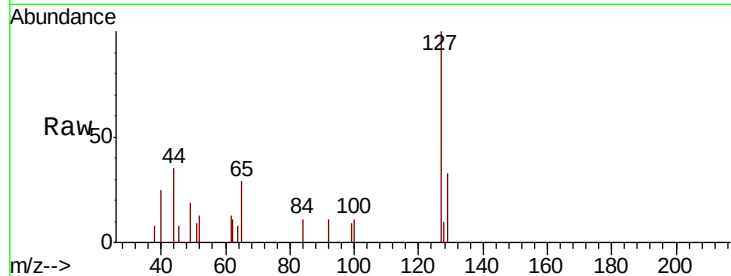




#33
4-Chloroaniline
Concen: 0.571 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

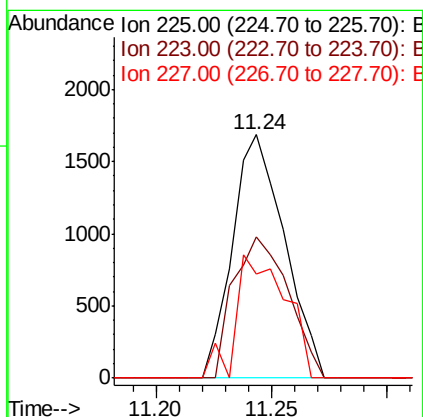
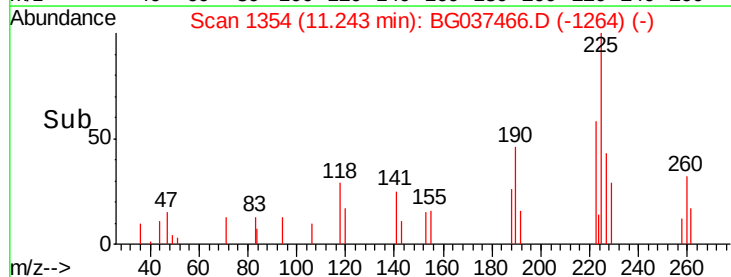
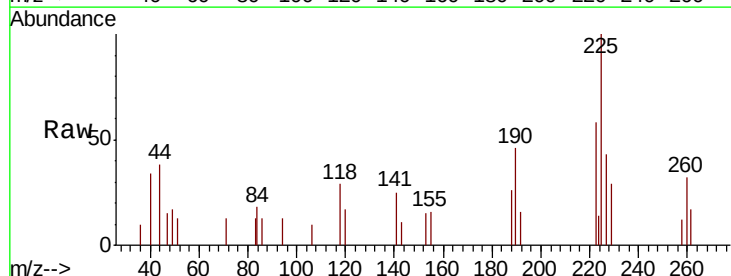
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

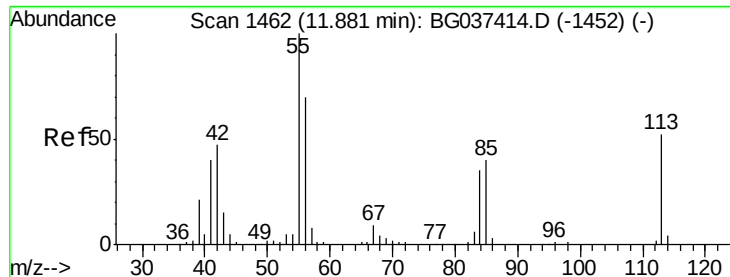
Tgt Ion:	127	Resp:	3064
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.1	40.7
65	29.2	26.6	39.8
92	10.9	16.4	24.6



#34
Hexachlorobutadiene
Concen: 1.061 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:	225	Resp:	2642
Ion	Ratio	Lower	Upper
225	100		
223	58.1	48.2	72.4
227	42.6	51.6	77.4





#35

Caprolactam

Concen: 0.099 ng

RT: 11.91 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

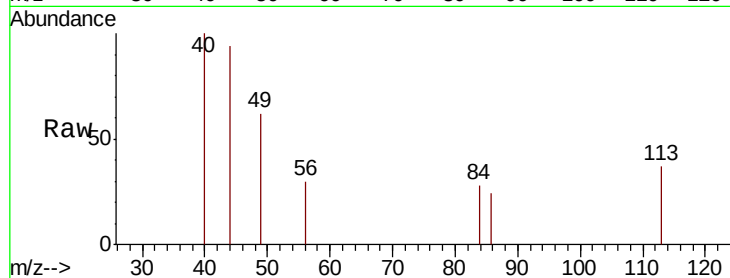
Tgt Ion:113 Resp: 153

Ion Ratio Lower Upper

113 100

55 0.0 176.6 216.6#

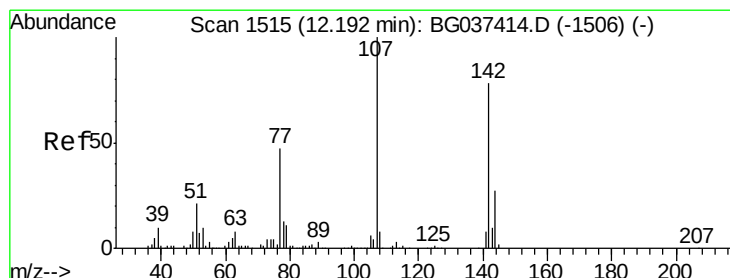
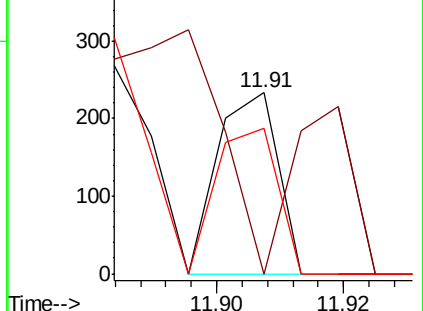
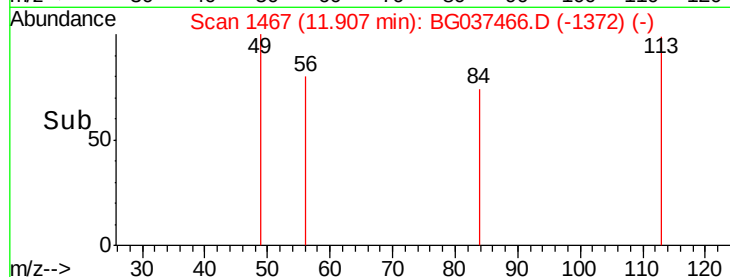
56 80.7 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 0.810 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

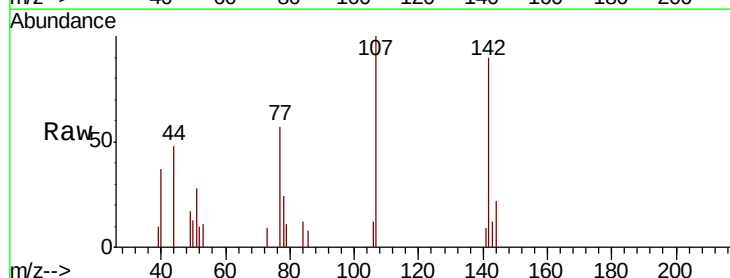
Tgt Ion:107 Resp: 3529

Ion Ratio Lower Upper

107 100

144 22.3 20.7 31.1

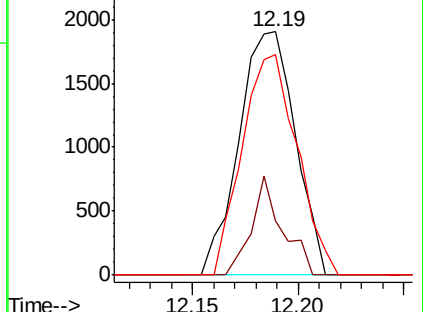
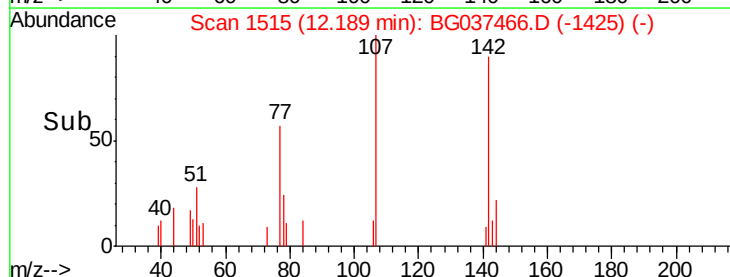
142 90.4 64.4 96.6

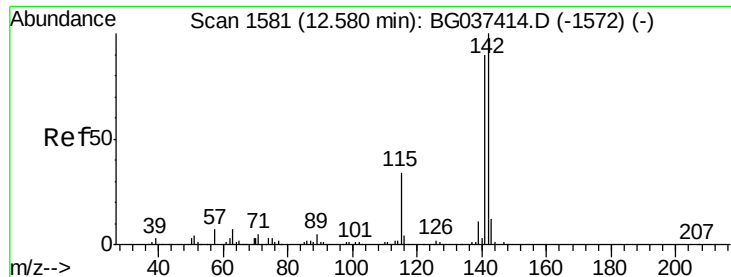


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

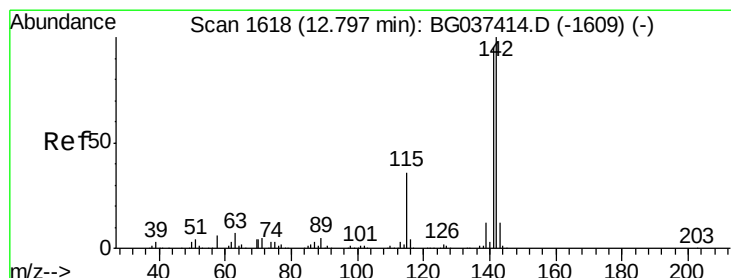
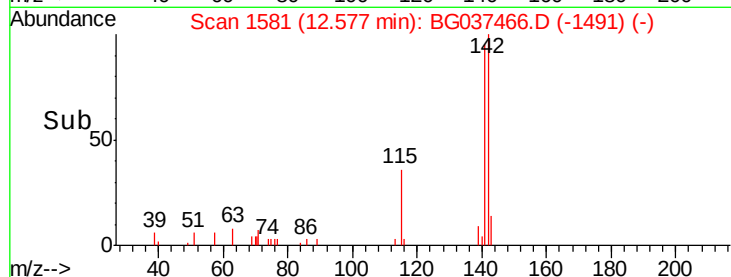
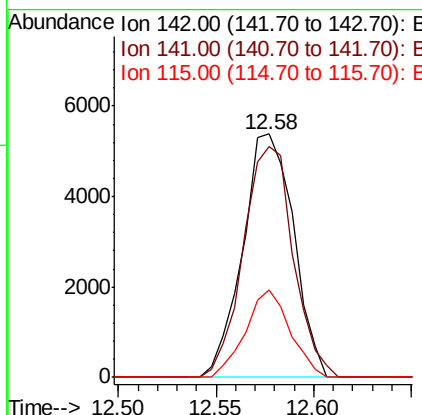
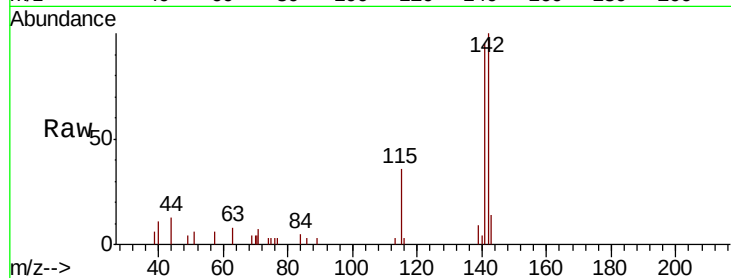




#37
 2-Methylnaphthalene
 Concen: 1.165 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

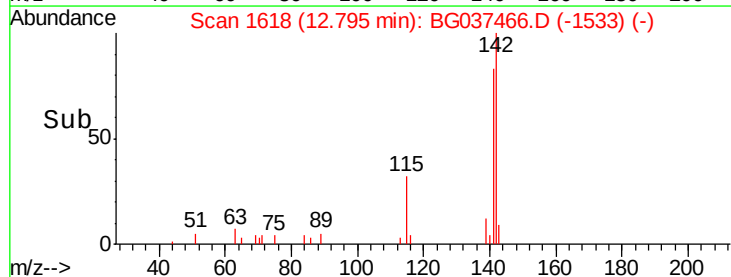
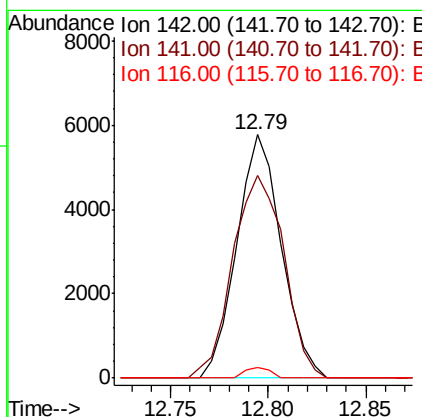
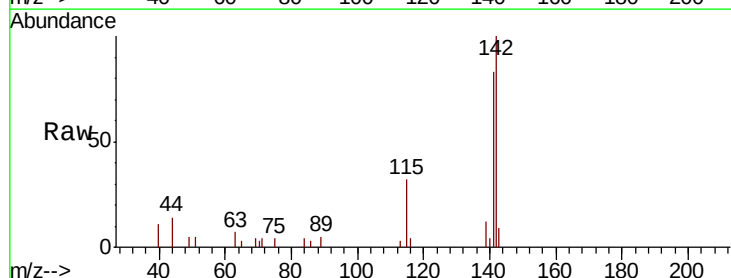
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

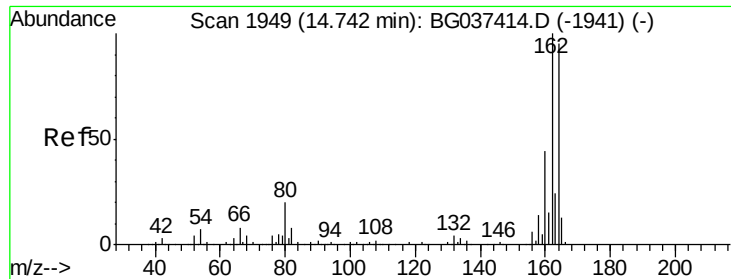
Tgt Ion:142 Resp: 9705
 Ion Ratio Lower Upper
 142 100
 141 94.6 71.9 107.9
 115 36.1 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 1.130 ng
 RT: 12.79 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion:142 Resp: 9141
 Ion Ratio Lower Upper
 142 100
 141 83.2 75.2 112.8
 116 4.4 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

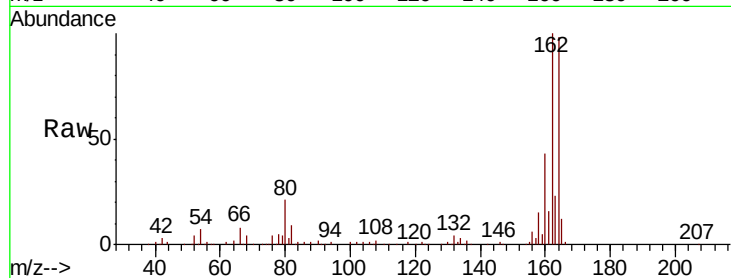
Tgt Ion:164 Resp: 153273

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

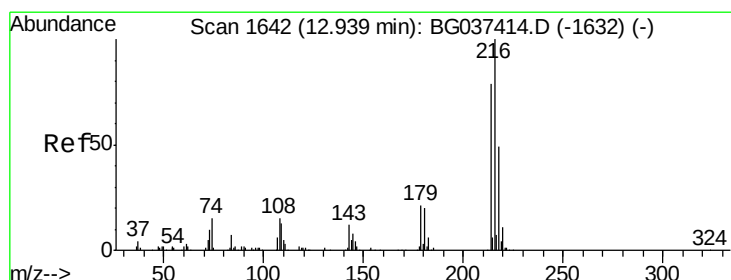
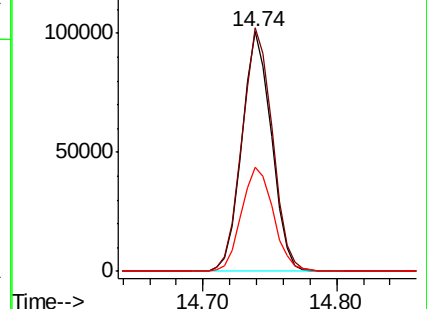
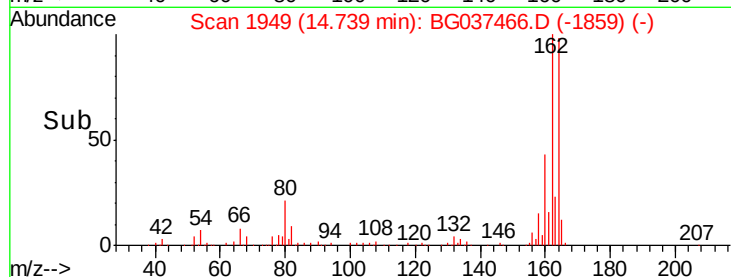
160 43.5 36.3 54.5



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: 0.981 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:216 Resp: 4850

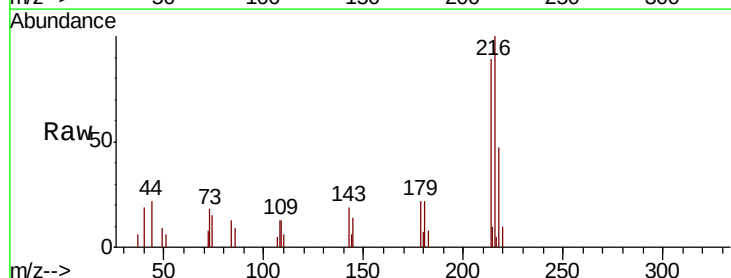
Ion Ratio Lower Upper

216 100

214 86.5 63.8 95.6

179 19.9 17.4 26.0

108 12.3 13.9 20.9#

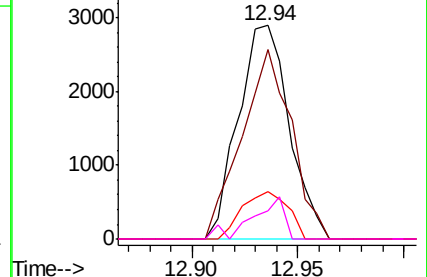
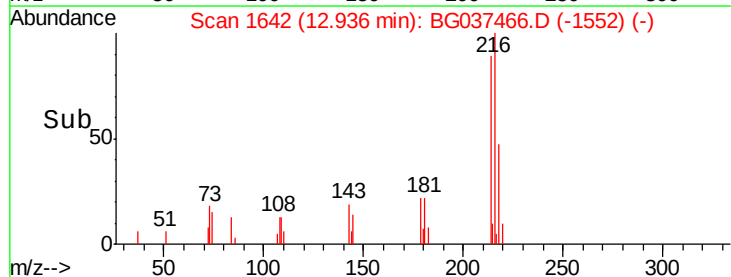


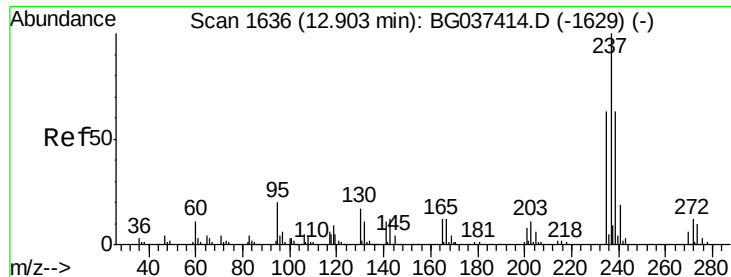
Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.886 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

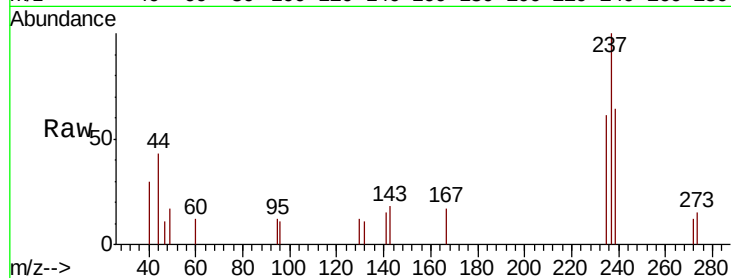
Tgt Ion: 237 Resp: 2092

Ion Ratio Lower Upper

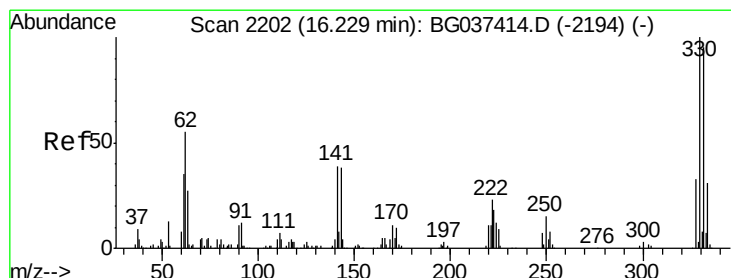
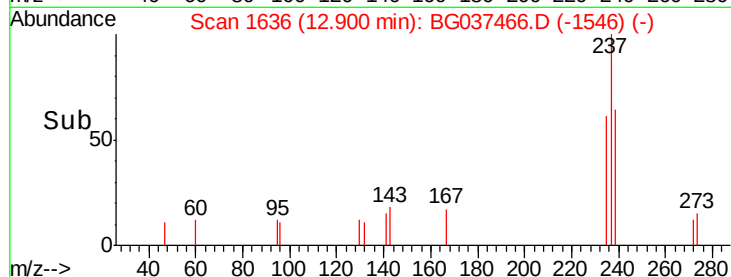
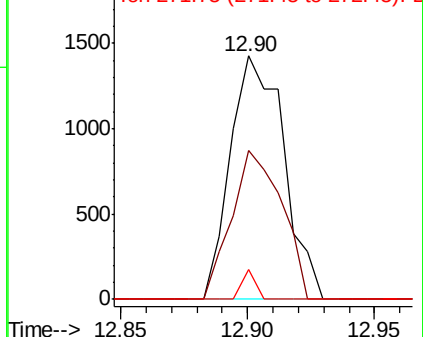
237 100

235 61.2 42.5 82.5

272 12.4 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.924 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

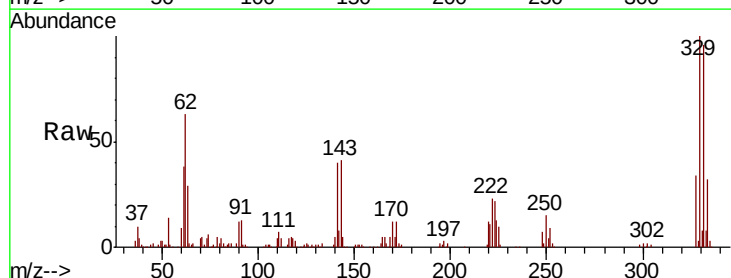
Tgt Ion: 330 Resp: 233915

Ion Ratio Lower Upper

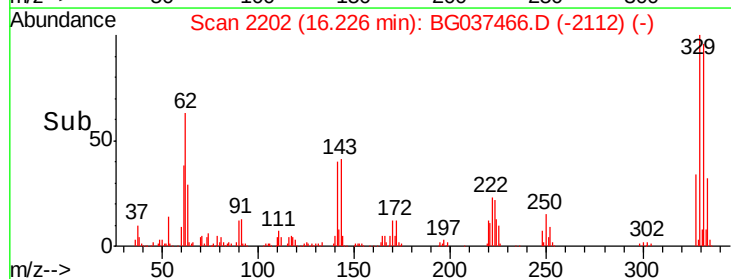
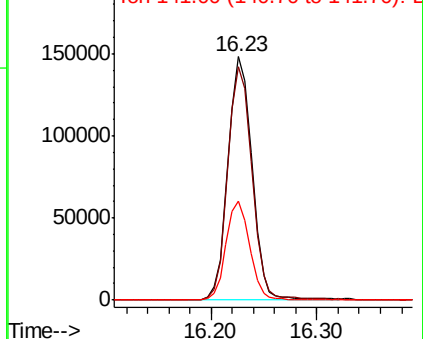
330 100

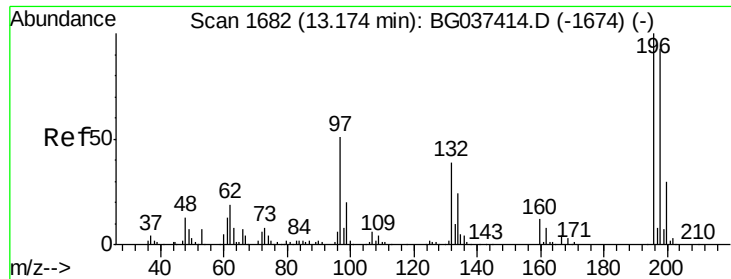
332 96.5 78.4 117.6

141 40.3 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

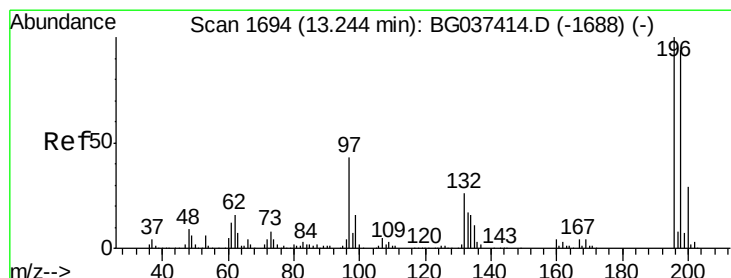
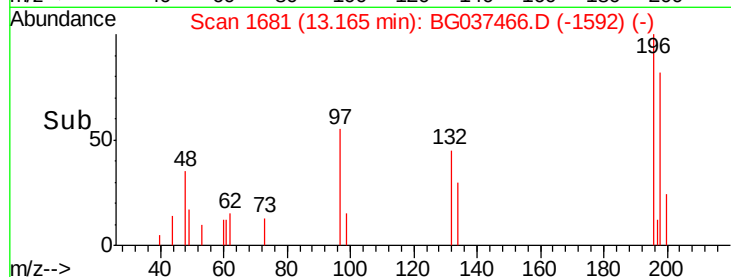
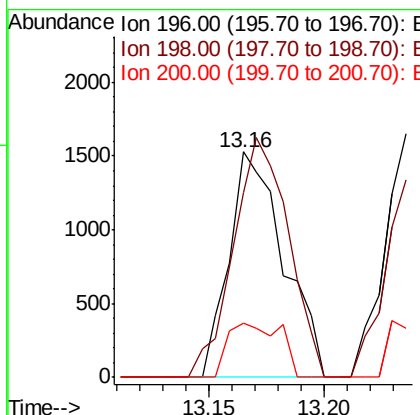
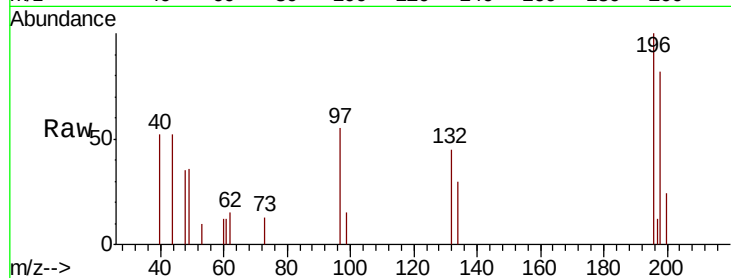




#43
 2,4,6-Trichlorophenol
 Concen: 0.762 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

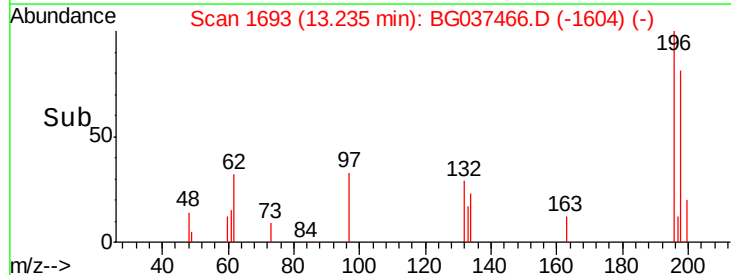
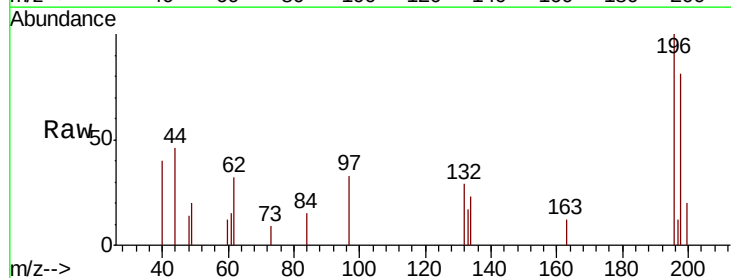
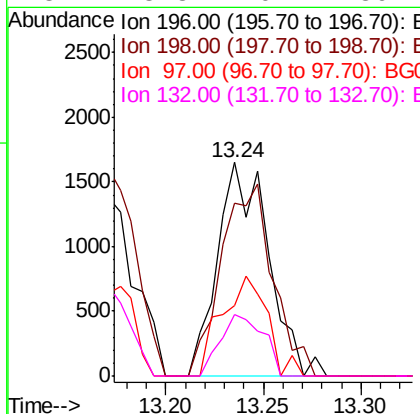
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

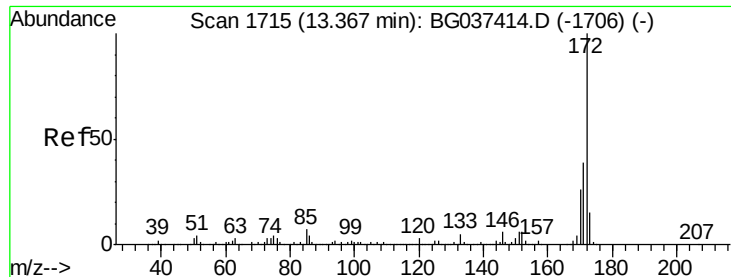
Tgt Ion:196 Resp: 2518
 Ion Ratio Lower Upper
 196 100
 198 81.9 76.4 114.6
 200 24.2 24.9 37.3#



#44
 2,4,5-Trichlorophenol
 Concen: 0.828 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion:196 Resp: 2979
 Ion Ratio Lower Upper
 196 100
 198 81.0 74.2 111.2
 97 33.1 34.1 51.1#
 132 28.8 20.2 30.4

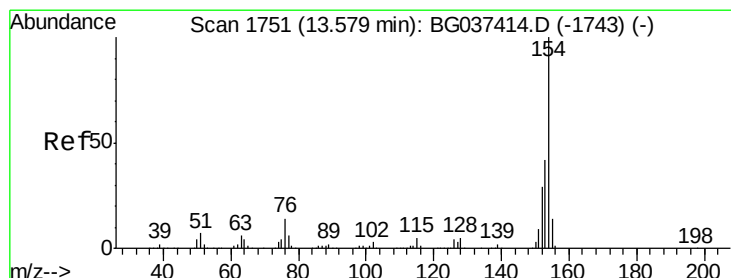
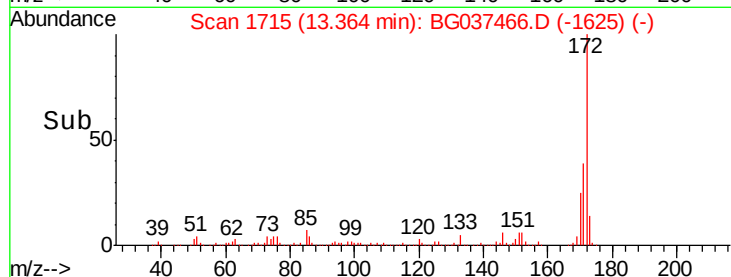
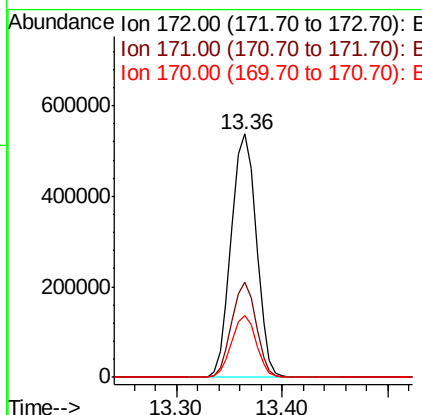
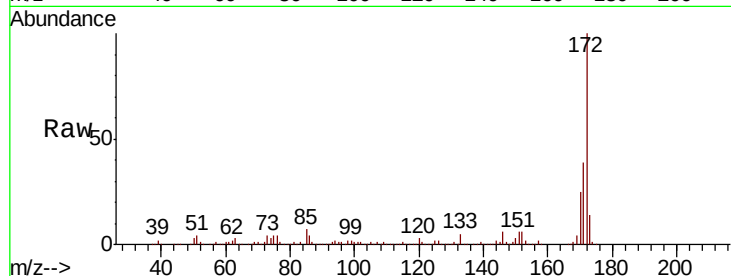




#45
2-Fluorobiphenyl
Concen: 87.149 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

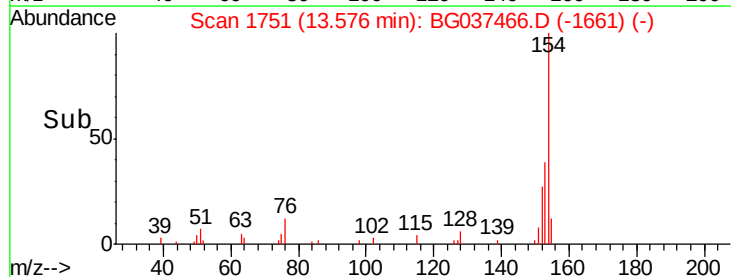
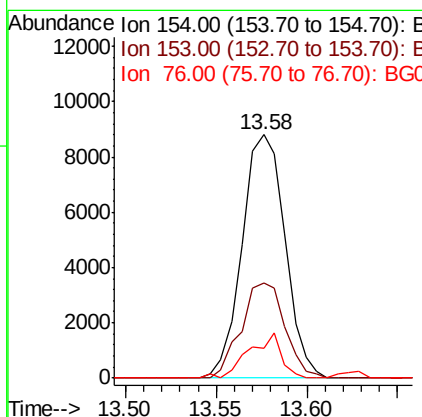
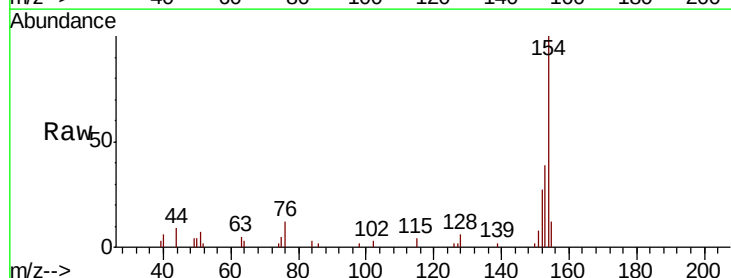
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

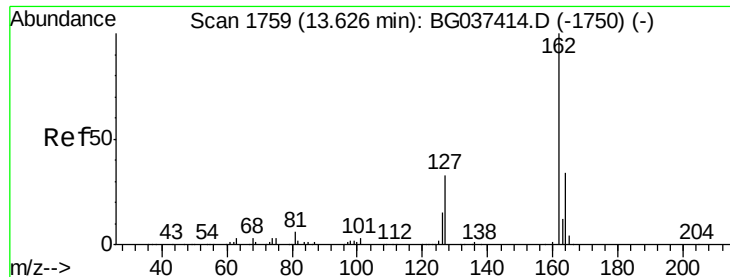
Tgt Ion:172 Resp: 885811
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 25.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 1.138 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:154 Resp: 14443
Ion Ratio Lower Upper
154 100
153 39.0 22.1 62.1
76 12.1 0.0 33.2

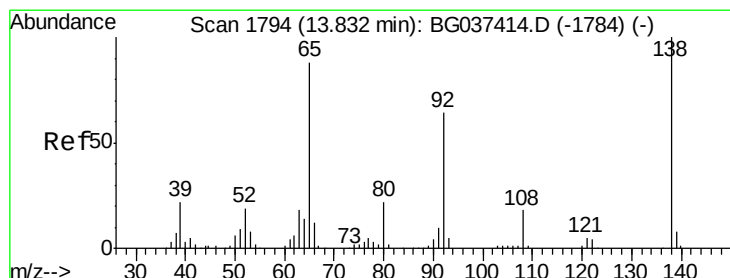
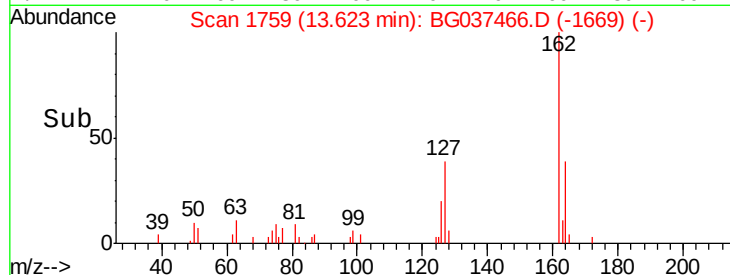
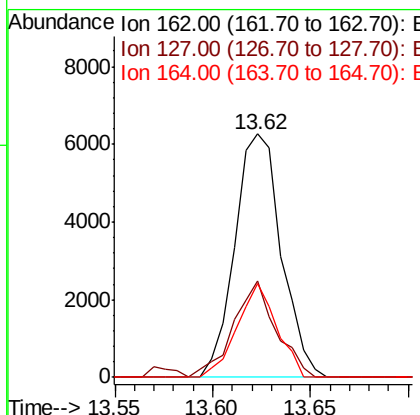
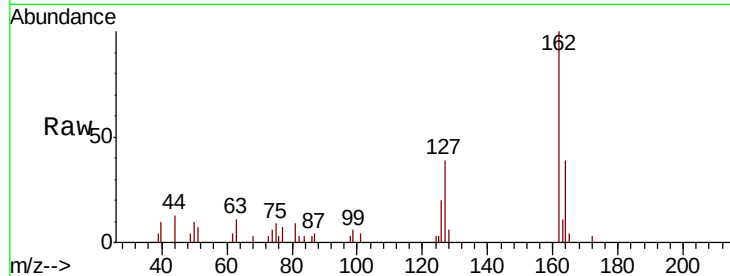




#47
 2-Chloronaphthalene
 Concen: 1.074 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

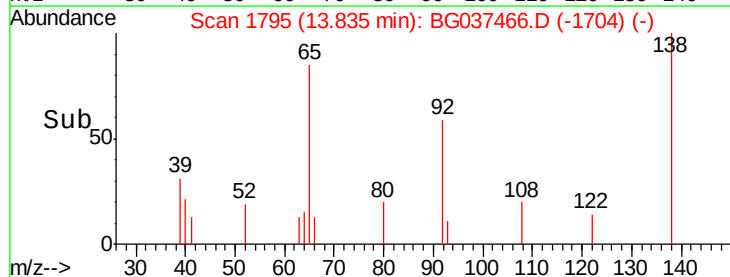
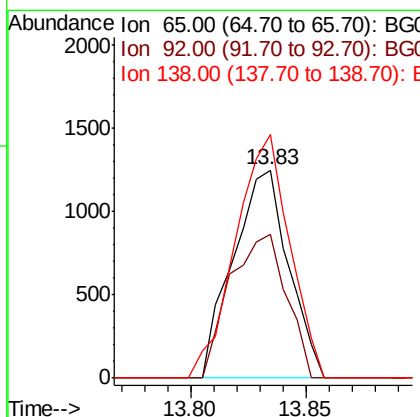
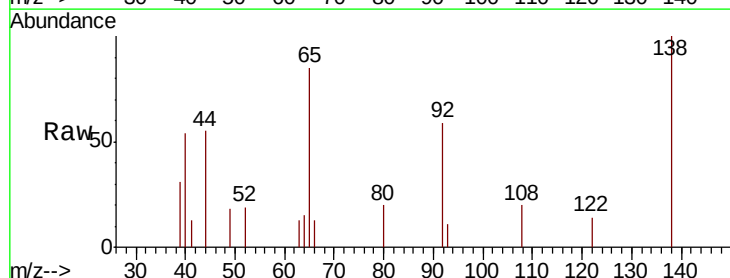
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

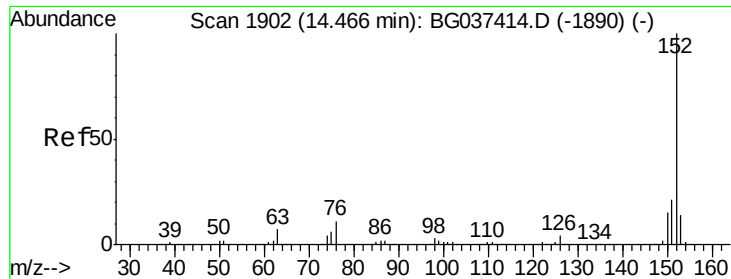
Tgt Ion: 162 Resp: 10310
 Ion Ratio Lower Upper
 162 100
 127 39.3 30.5 45.7
 164 38.6 26.4 39.6



#48
 2-Nitroaniline
 Concen: 0.714 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion: 65 Resp: 2079
 Ion Ratio Lower Upper
 65 100
 92 69.2 53.2 79.8
 138 117.1 79.3 118.9





#49

Acenaphthylene

Concen: 1.093 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

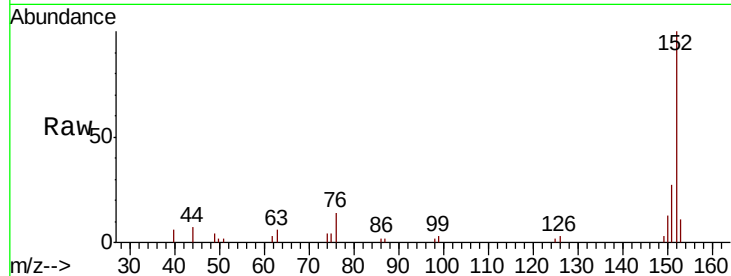
Tgt Ion:152 Resp: 15790

Ion Ratio Lower Upper

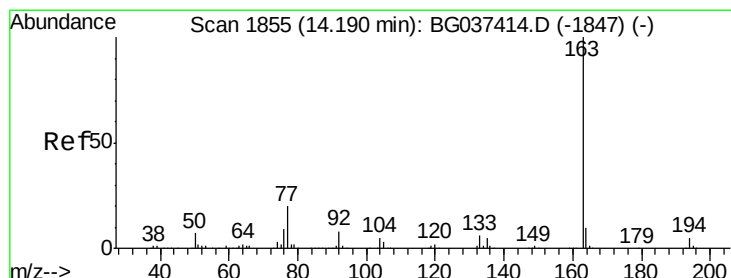
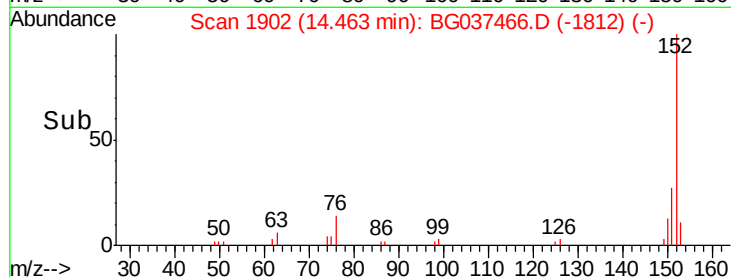
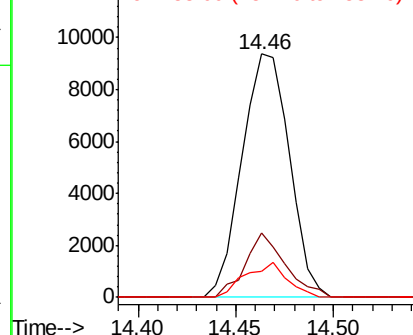
152 100

151 26.6 17.1 25.7#

153 10.7 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: 1.085 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

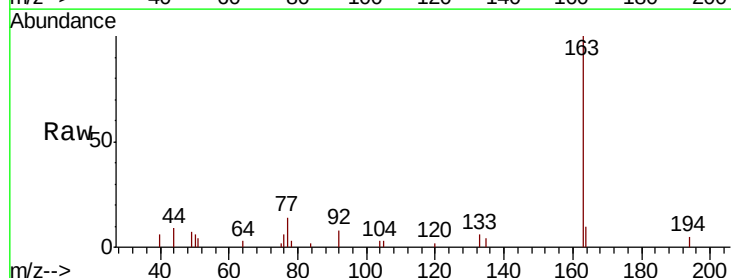
Tgt Ion:163 Resp: 12867

Ion Ratio Lower Upper

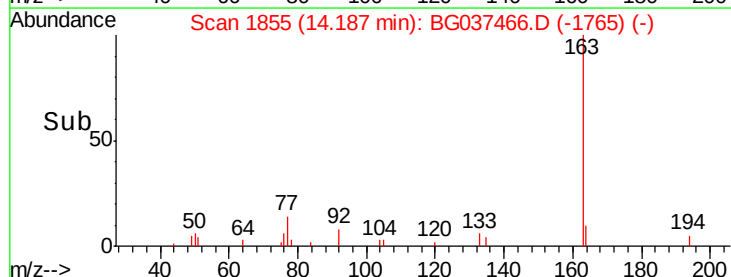
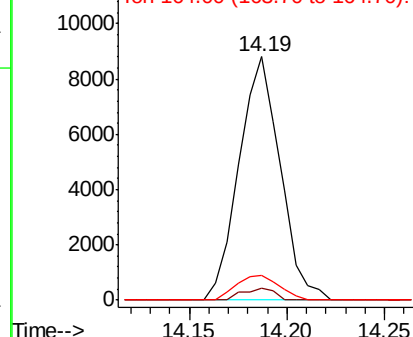
163 100

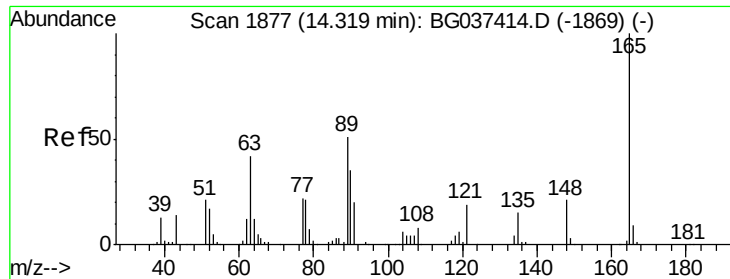
194 4.9 3.5 5.3

164 10.0 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

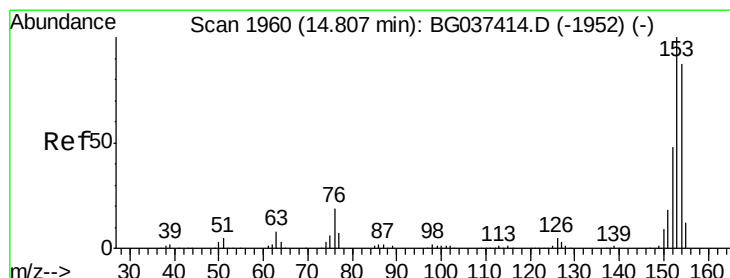
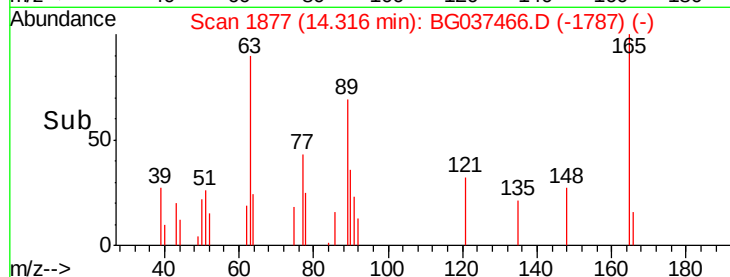
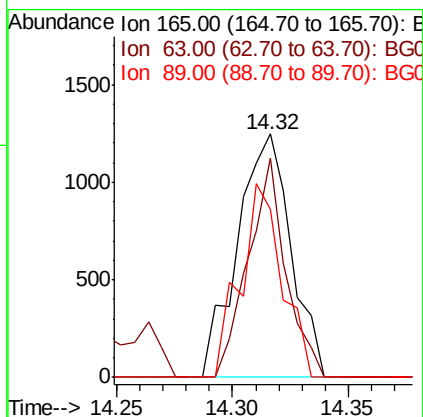
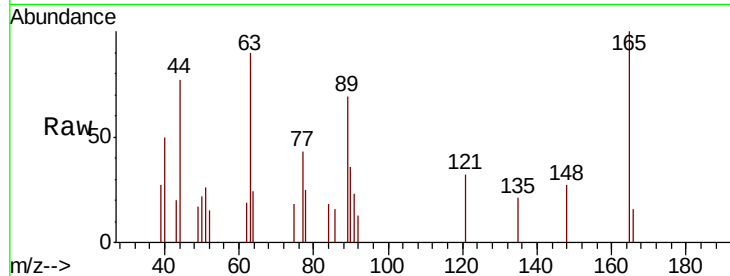




#51
 2,6-Dinitrotoluene
 Concen: 0.765 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

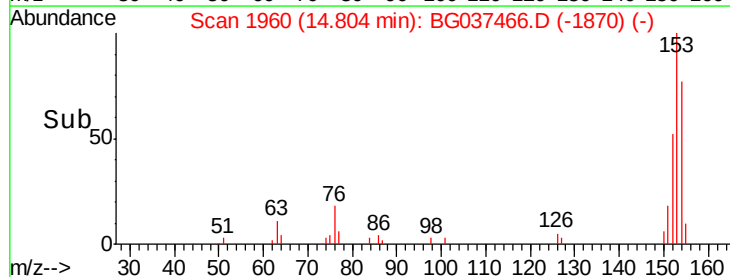
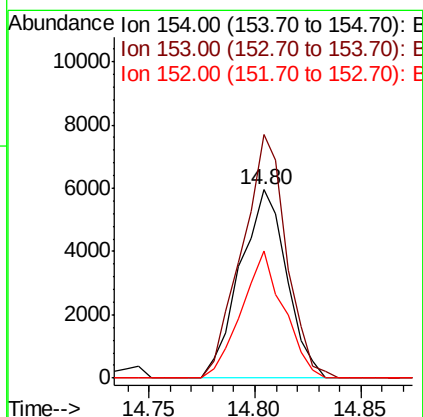
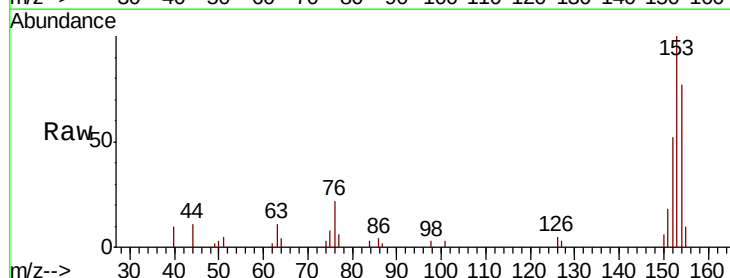
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

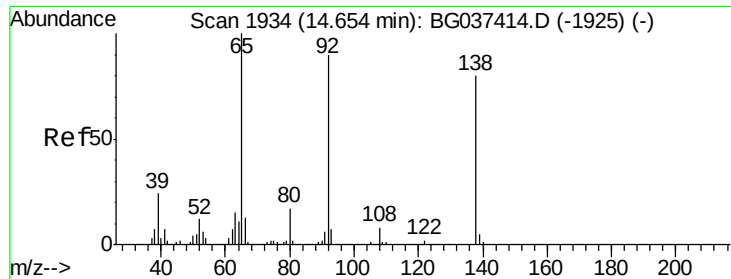
Tgt Ion:165 Resp: 2007
 Ion Ratio Lower Upper
 165 100
 63 90.3 43.4 65.2#
 89 69.3 45.8 68.6#



#52
 Acenaphthene
 Concen: 1.025 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion:154 Resp: 9115
 Ion Ratio Lower Upper
 154 100
 153 129.3 93.4 140.0
 152 67.8 44.7 67.1#

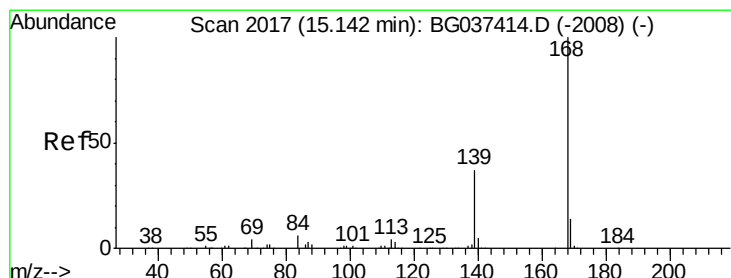
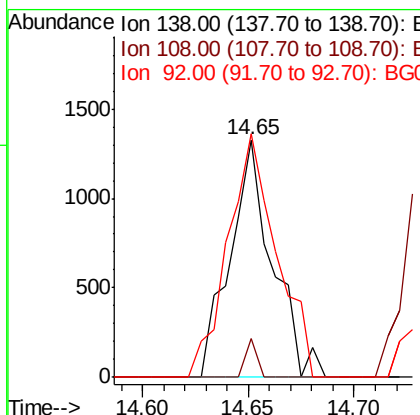
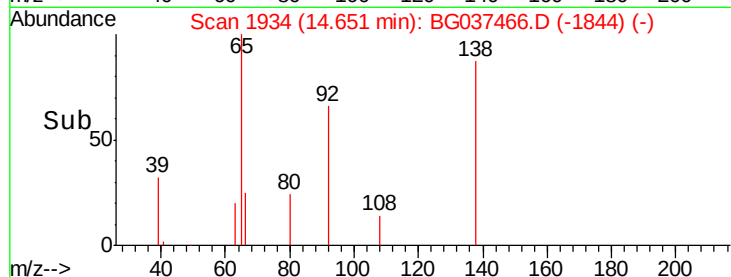
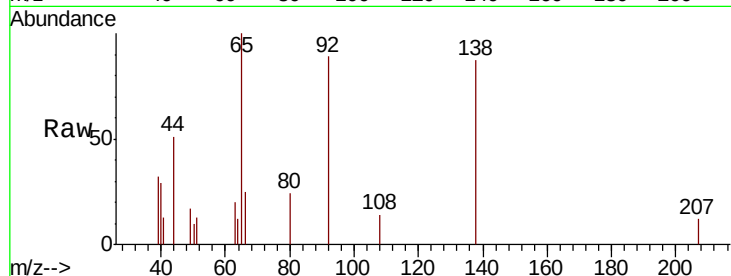




#53
3-Nitroaniline
Concen: 0.628 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

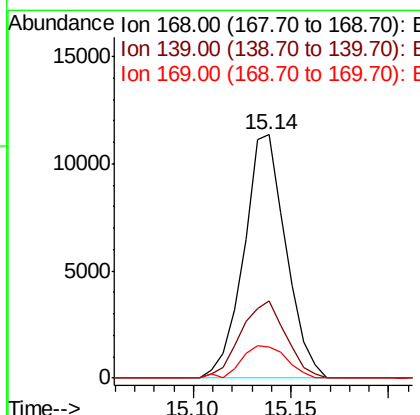
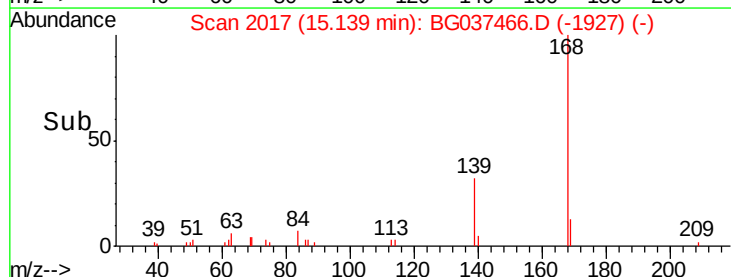
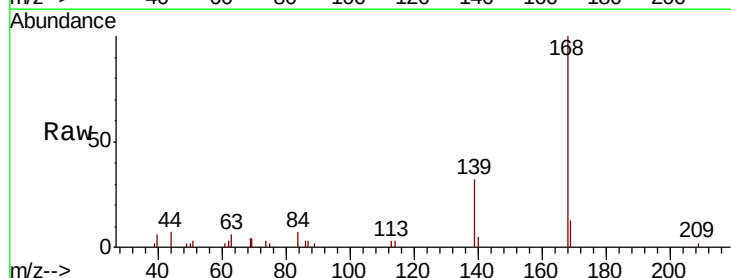
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

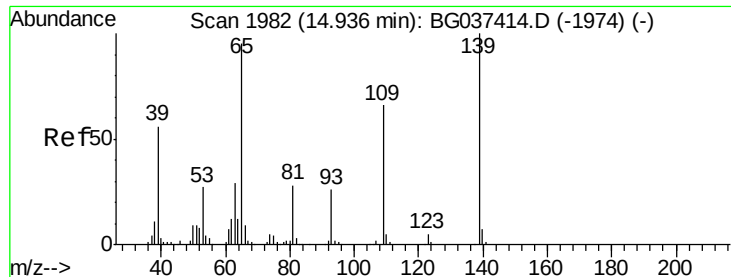
Tgt Ion:138 Resp: 1828
Ion Ratio Lower Upper
138 100
108 16.3 11.0 16.6
92 102.5 95.2 142.8



#55
Dibenzofuran
Concen: 1.148 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:168 Resp: 16925
Ion Ratio Lower Upper
168 100
139 31.7 29.4 44.0
169 12.8 11.0 16.6

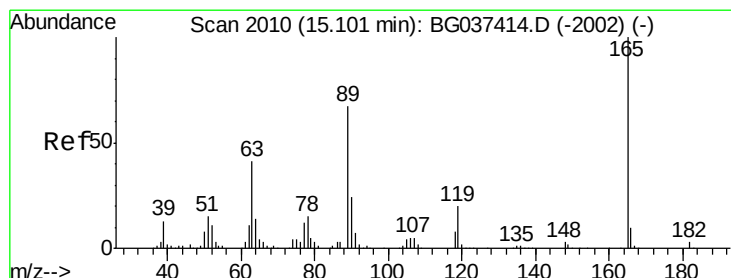
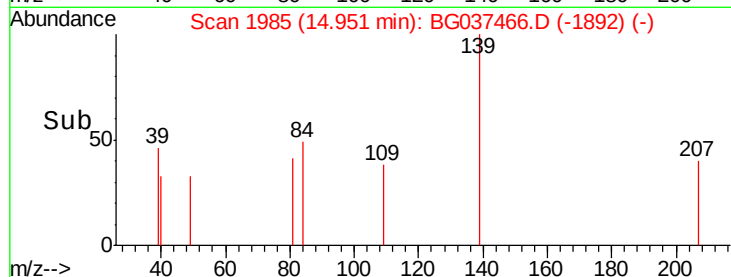
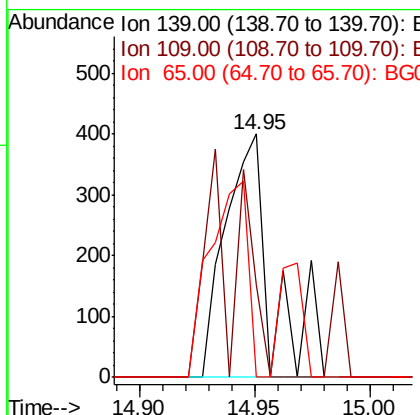
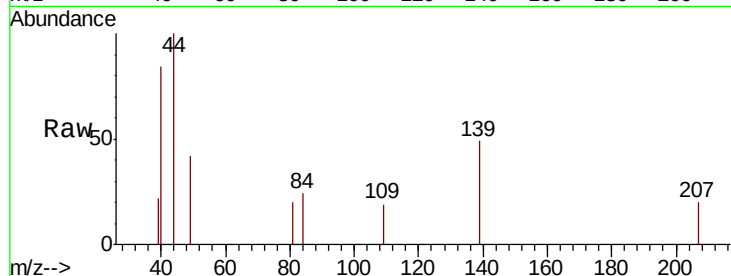




#56
4-Nitrophenol
Concen: 0.259 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

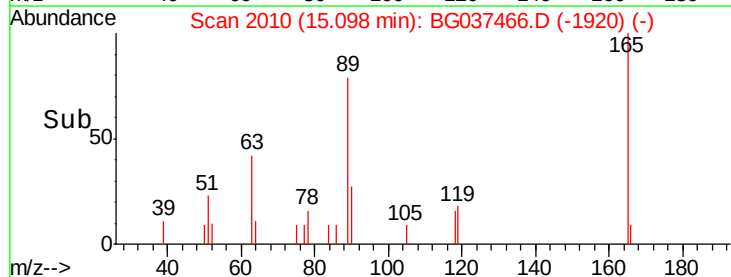
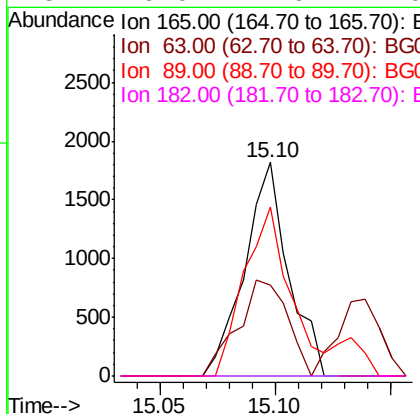
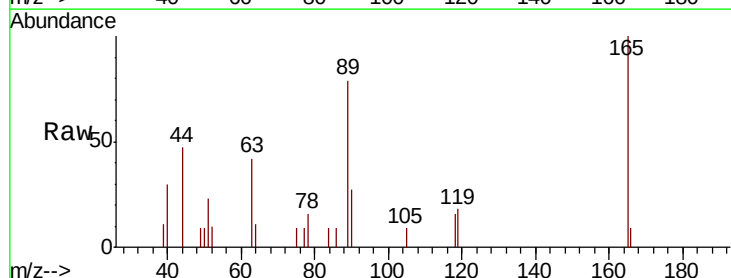
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

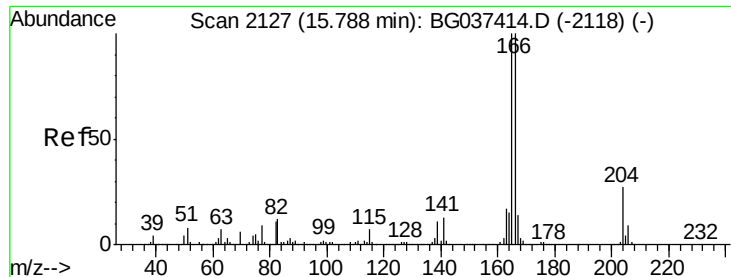
Tgt Ion:139 Resp: 559
Ion Ratio Lower Upper
139 100
109 38.3 49.5 89.5#
65 0.0 76.8 116.8#



#57
2,4-Dinitrotoluene
Concen: 0.698 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:165 Resp: 2405
Ion Ratio Lower Upper
165 100
63 42.4 33.4 50.0
89 79.1 57.2 85.8
182 0.0 2.6 4.0#





#58

Fluorene

Concen: 1.205 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

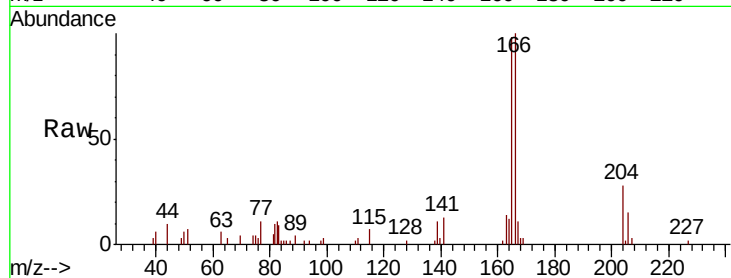
Tgt Ion:166 Resp: 13304

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.6

167 11.4 11.3 16.9

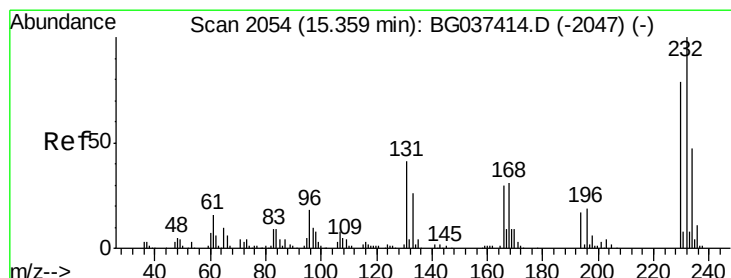
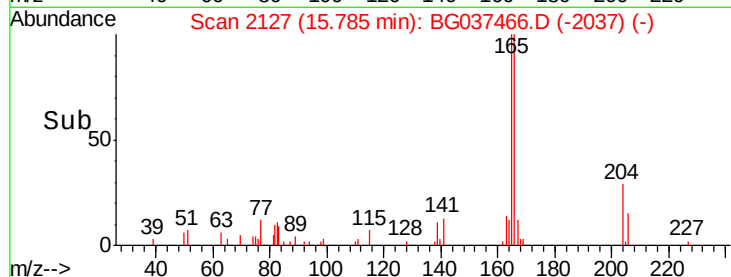
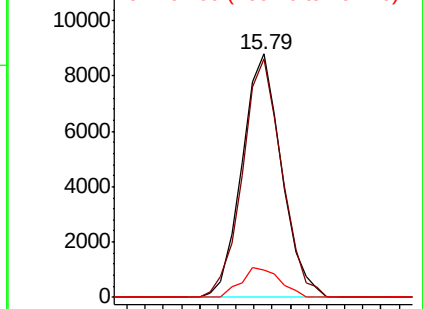


Abundance

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: 0.695 ng

RT: 15.36 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion:232 Resp: 2141

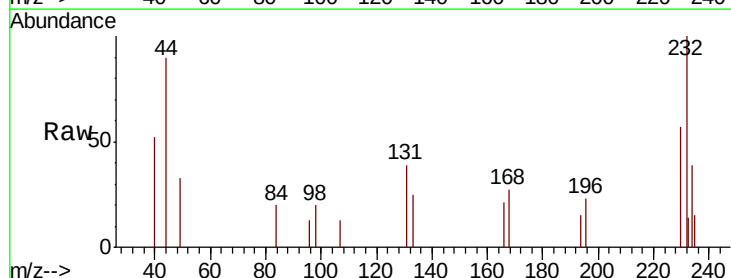
Ion Ratio Lower Upper

232 100

131 42.1 33.7 50.5

130 0.0 2.1 3.1#

166 27.7 24.6 36.8



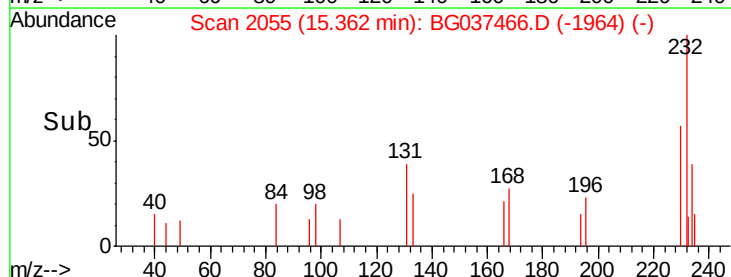
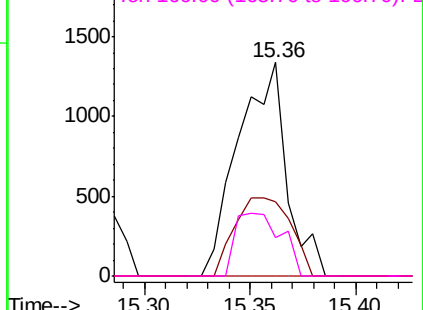
Abundance

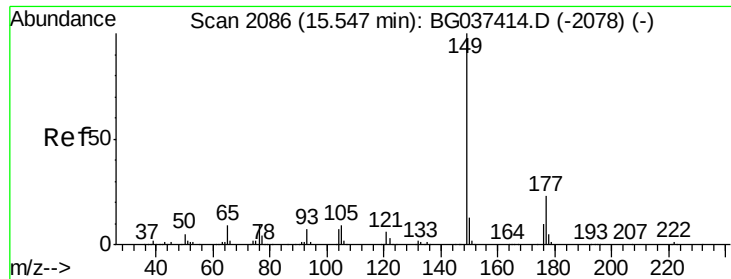
Ion 232.00 (231.70 to 232.70): E

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

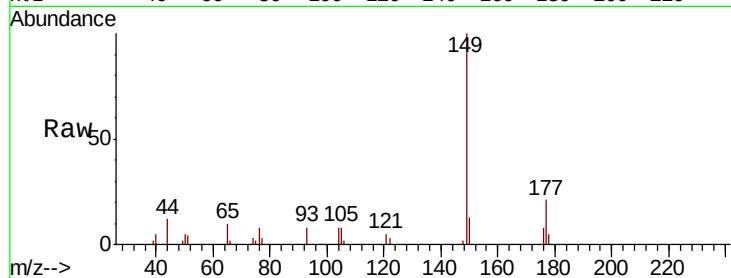




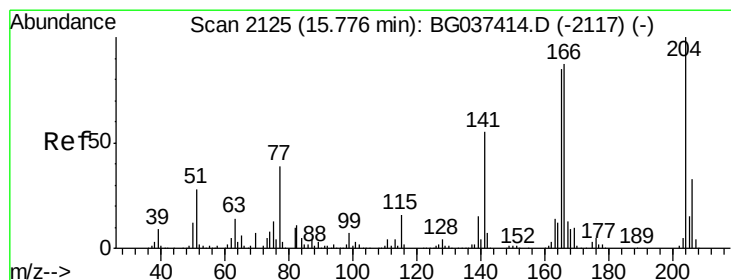
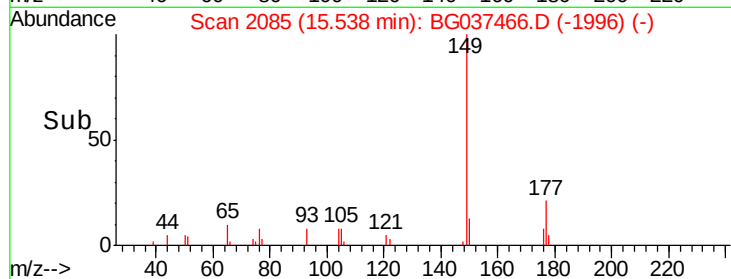
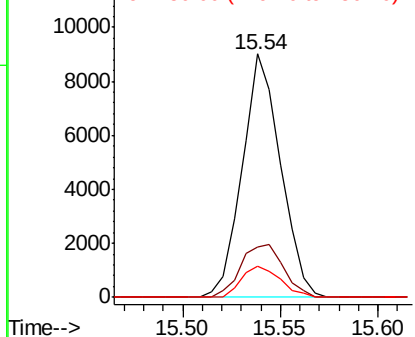
#60
Diethylphthalate
Concen: 1.005 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:149 Resp: 12239
Ion Ratio Lower Upper
149 100
177 20.6 18.3 27.5
150 12.8 10.0 15.0

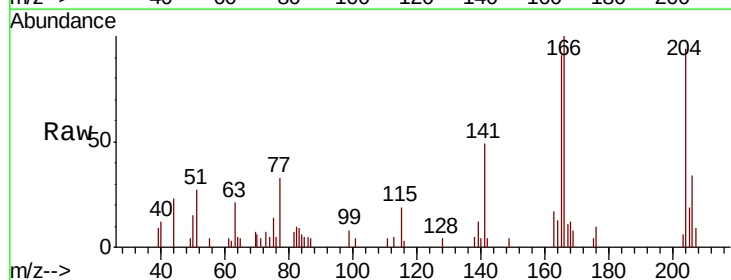


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

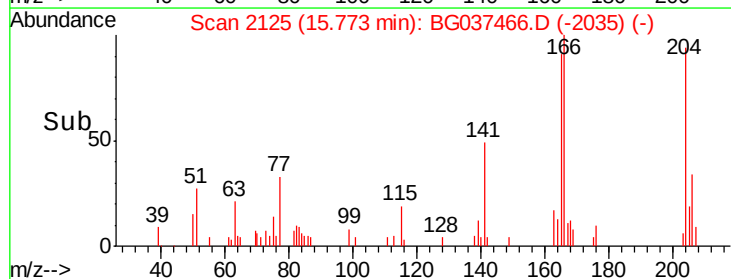
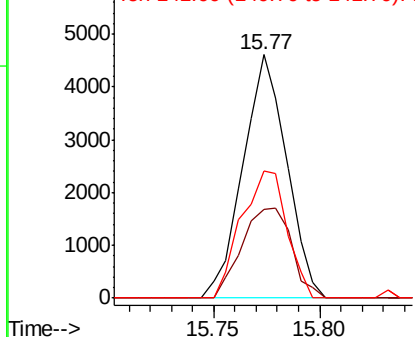


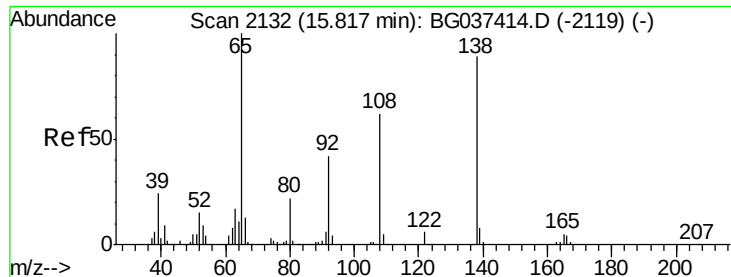
#61
4-Chlorophenyl-phenylether
Concen: 1.026 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:204 Resp: 6601
Ion Ratio Lower Upper
204 100
206 36.2 26.6 39.8
141 52.1 45.4 68.2



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





#62

4-Nitroaniline

Concen: 0.817 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

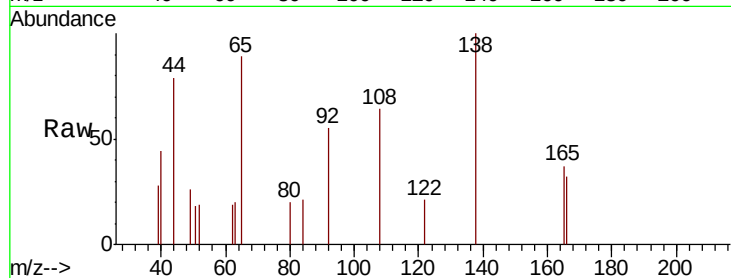
Tgt Ion:138 Resp: 2363

Ion Ratio Lower Upper

138 100

92 55.4 36.4 76.4

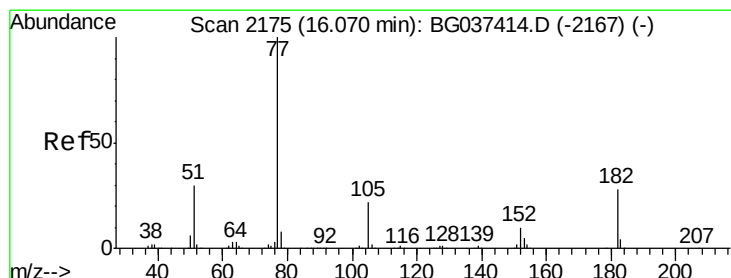
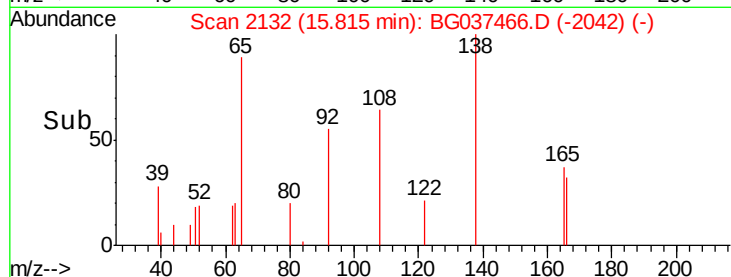
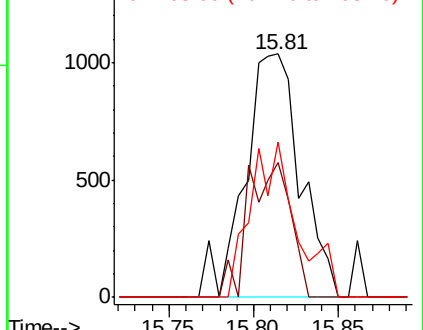
108 64.0 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 1.049 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Tgt Ion: 77 Resp: 12185

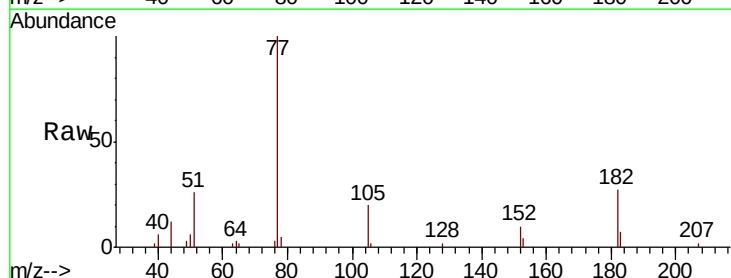
Ion Ratio Lower Upper

77 100

182 26.6 8.0 48.0

105 20.4 1.3 41.3

51 26.0 10.7 50.7

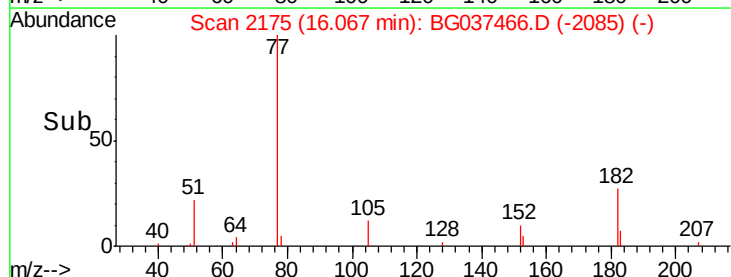
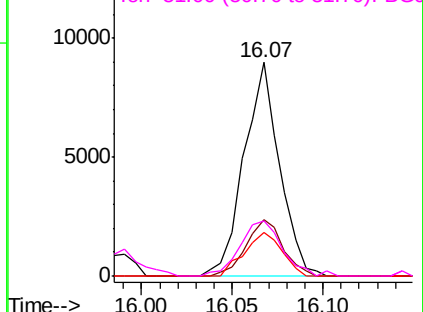


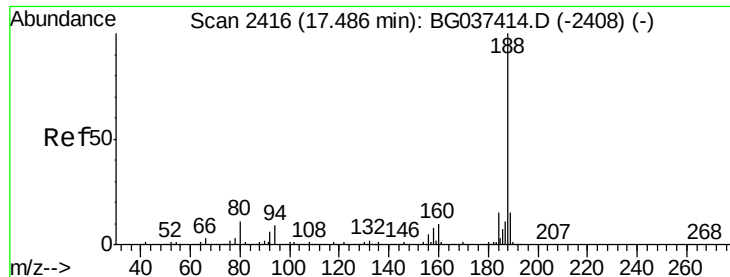
Abundance Ion 77.00 (76.70 to 77.70): BG

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: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

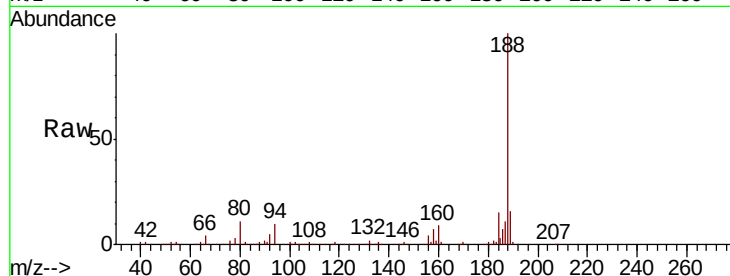
Tgt Ion:188 Resp: 372418

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 10.8 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

250000

200000

150000

100000

50000

0

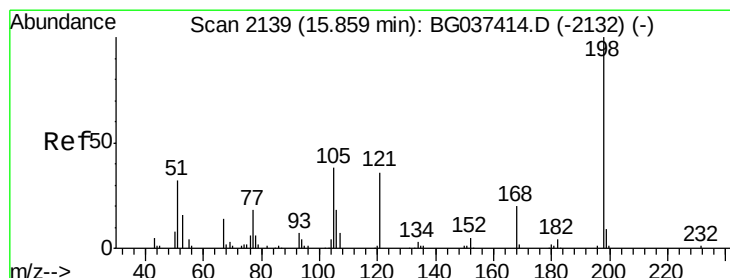
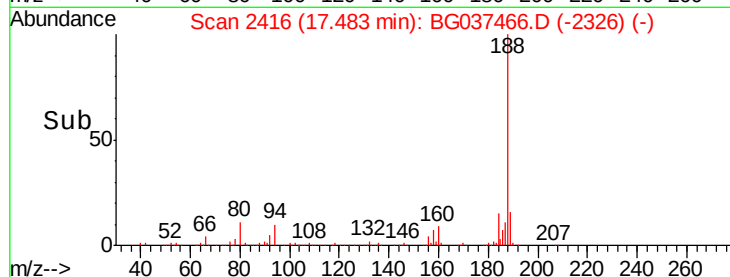
17.48

17.40

17.50

17.60

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.539 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

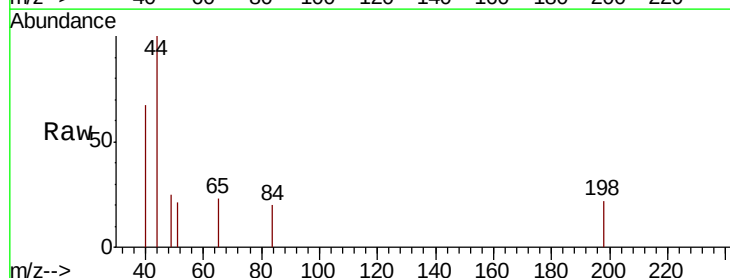
Tgt Ion:198 Resp: 74

Ion Ratio Lower Upper

198 100

51 96.2 22.7 62.7#

105 0.0 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

250

200

150

100

50

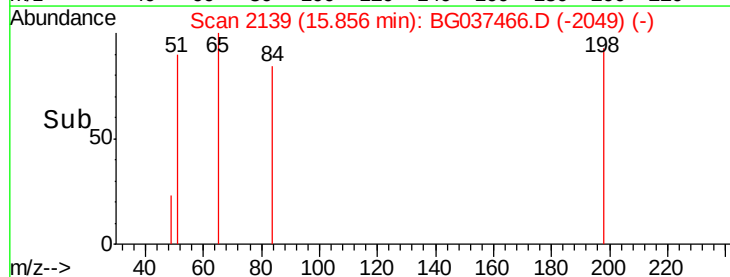
0

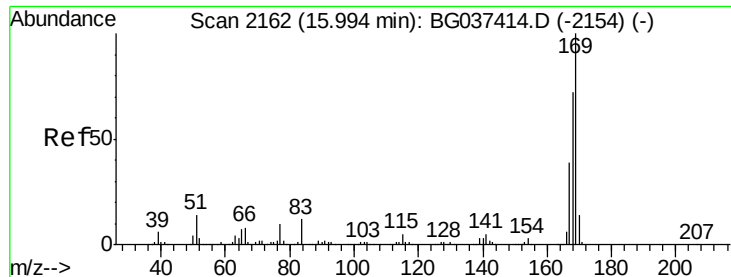
15.86

15.84

15.86

Time-->

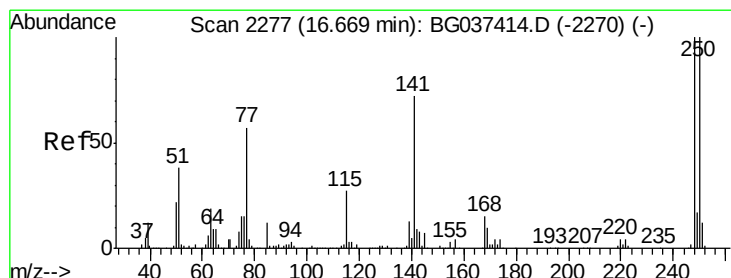
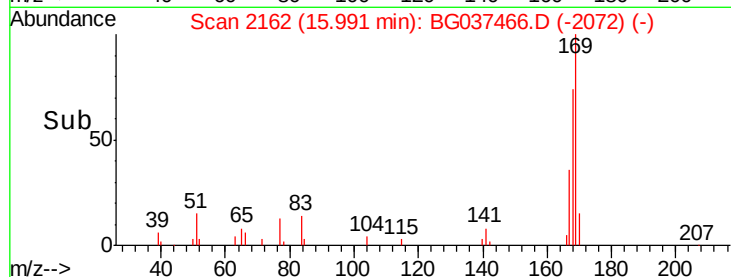
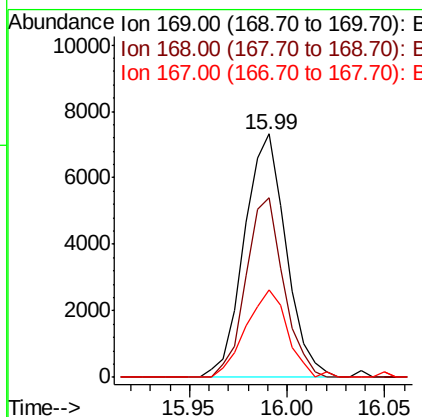
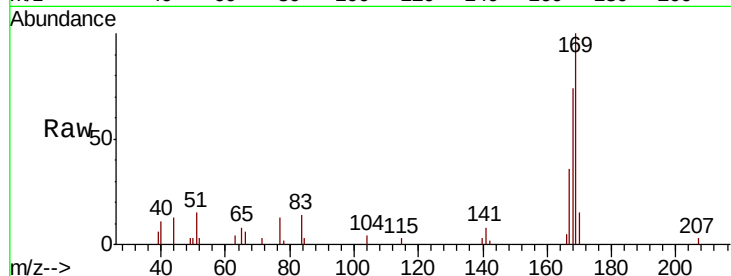




#66
 n-Nitrosodiphenylamine
 Concen: 0.970 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

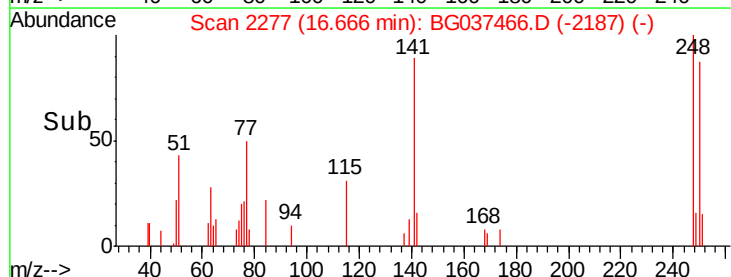
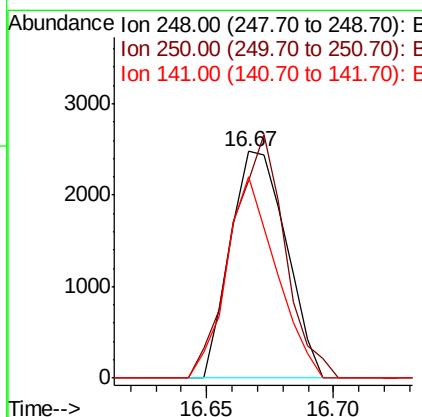
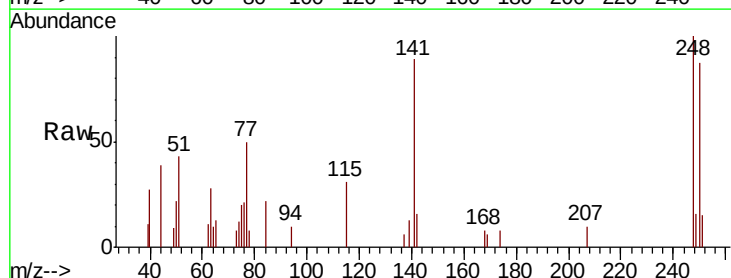
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

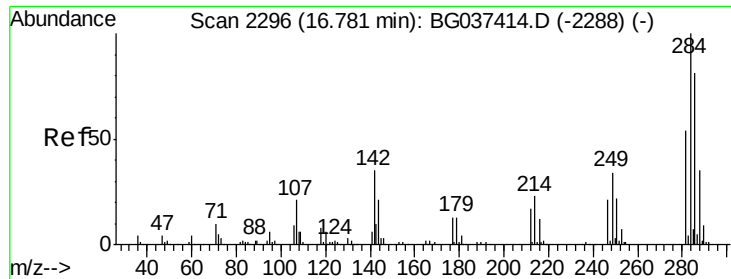
Tgt Ion:169 Resp: 10861
 Ion Ratio Lower Upper
 169 100
 168 74.0 55.7 83.5
 167 36.1 31.3 46.9



#67
 4-Bromophenyl-phenylether
 Concen: 0.930 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion:248 Resp: 3804
 Ion Ratio Lower Upper
 248 100
 250 87.3 77.0 115.6
 141 88.7 55.5 83.3#





#68

Hexachlorobenzene

Concen: 1.006 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

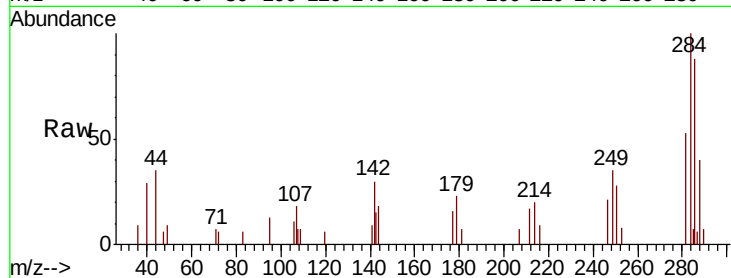
Tgt Ion:284 Resp: 4264

Ion Ratio Lower Upper

284 100

142 29.6 28.1 42.1

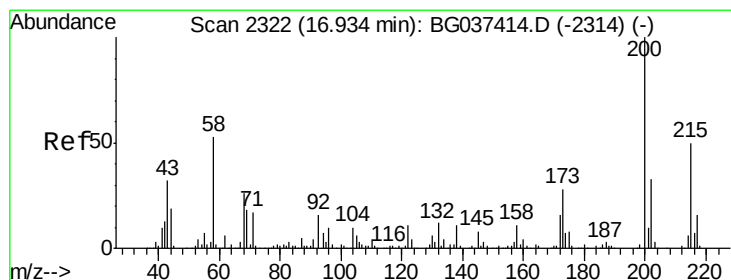
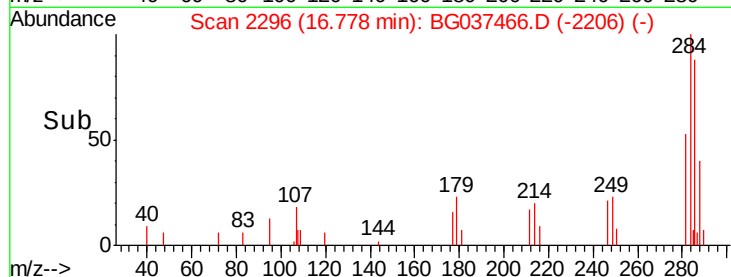
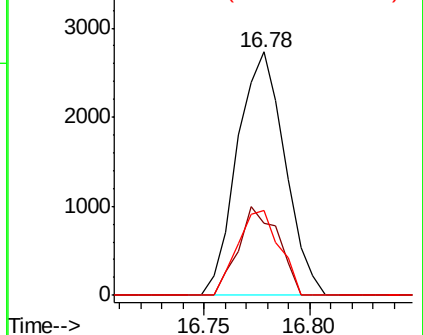
249 34.7 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 0.868 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

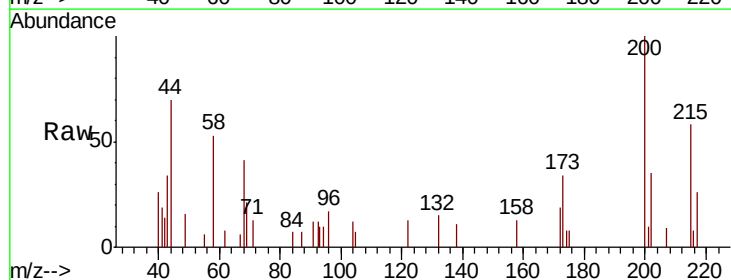
Tgt Ion:200 Resp: 3517

Ion Ratio Lower Upper

200 100

173 34.4 6.1 46.1

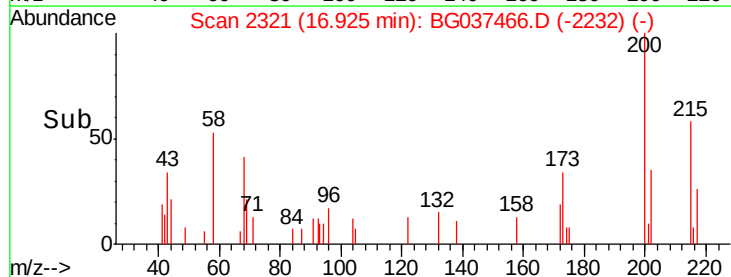
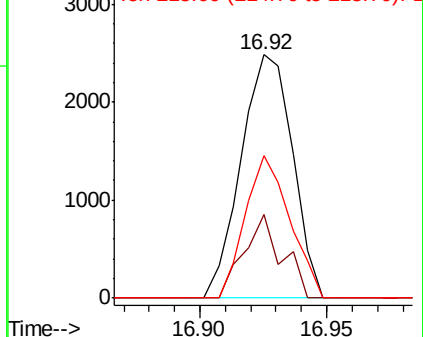
215 58.4 30.8 70.8

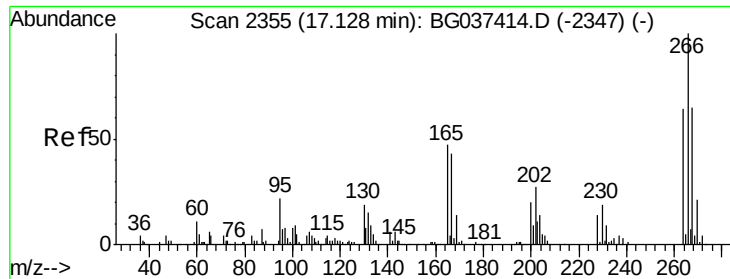


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

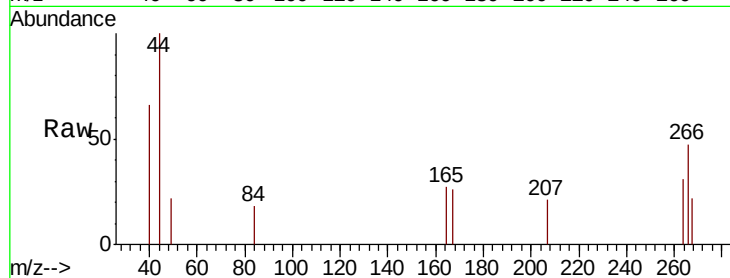




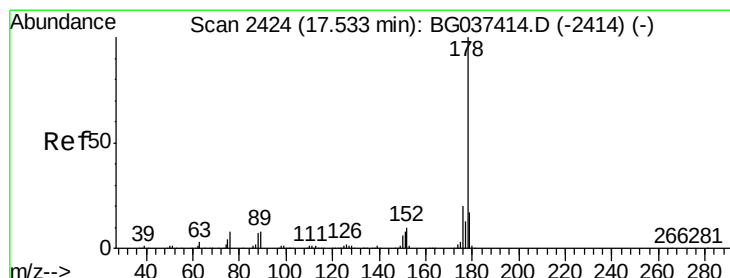
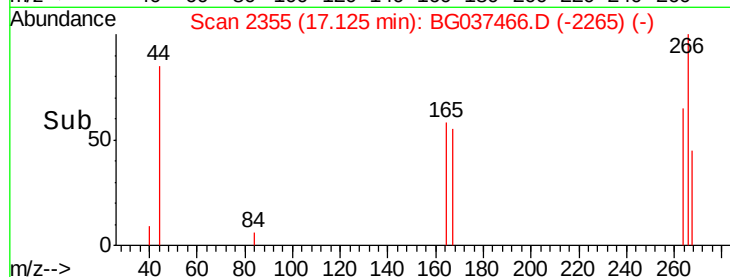
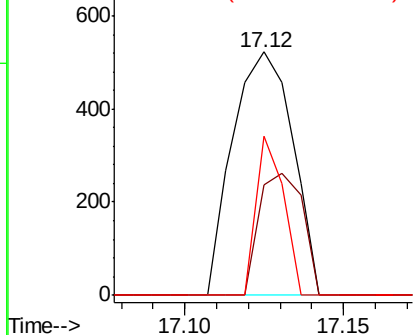
#70
 Pentachlorophenol
 Concen: 0.241 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 266 Resp: 685
 Ion Ratio Lower Upper
 266 100
 268 45.3 55.0 82.6#
 264 65.4 58.9 88.3

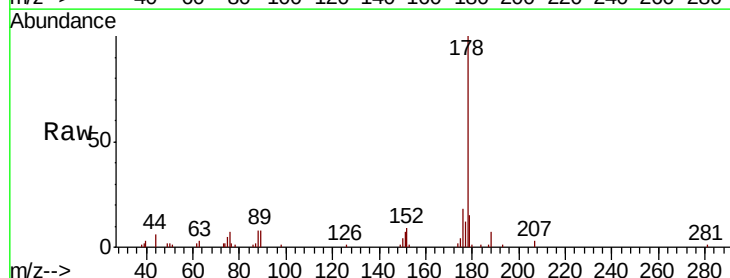


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

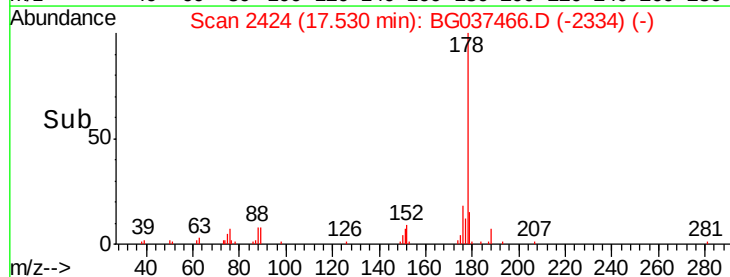
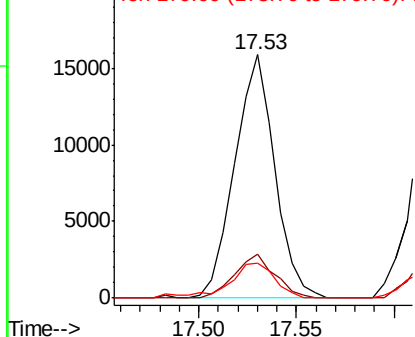


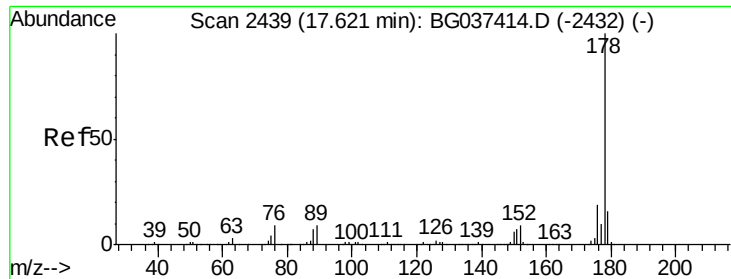
#71
 Phenanthrene
 Concen: 1.191 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion: 178 Resp: 22536
 Ion Ratio Lower Upper
 178 100
 176 18.1 16.1 24.1
 179 14.6 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: 1.112 ng

RT: 17.62 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

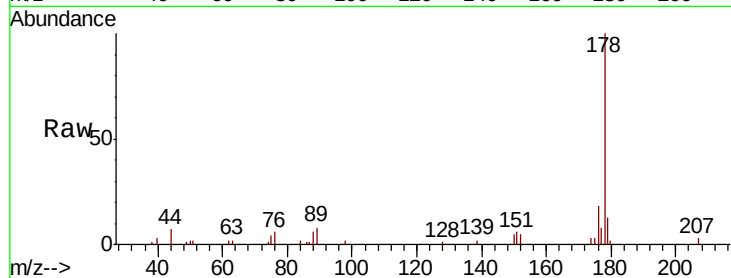
Tgt Ion:178 Resp: 20659

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

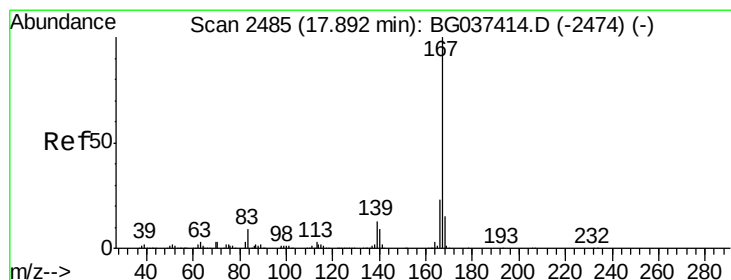
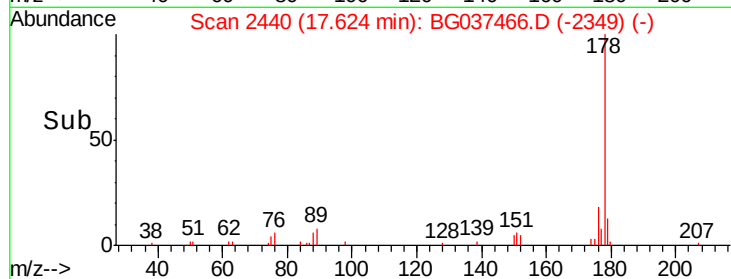
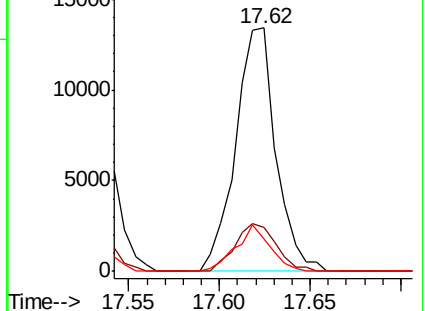
179 13.2 12.8 19.2



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: 0.944 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

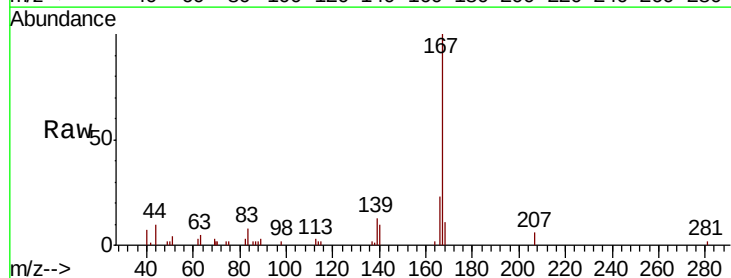
Tgt Ion:167 Resp: 17544

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

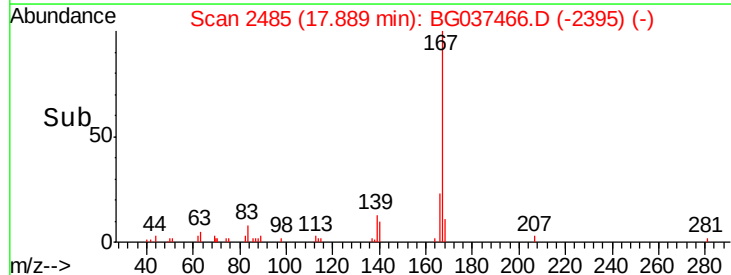
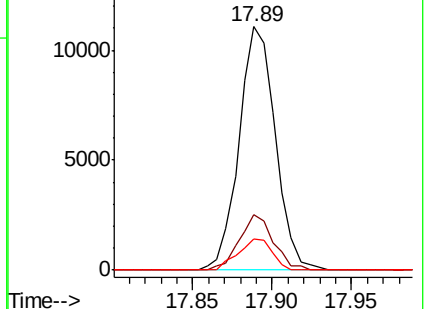
139 12.7 10.5 15.7

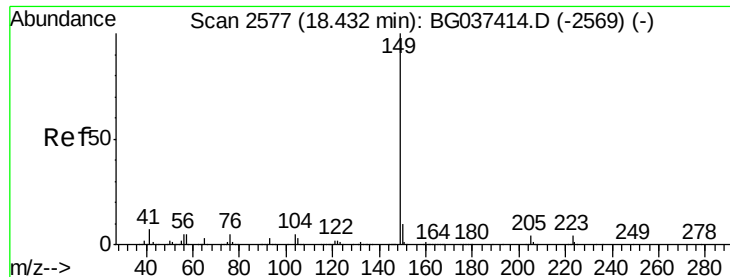


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.958 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

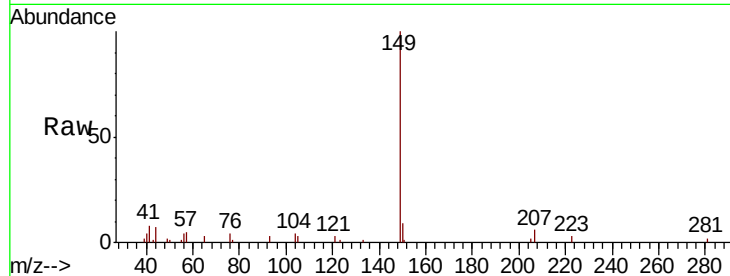
Tgt Ion:149 Resp: 19811

Ion Ratio Lower Upper

149 100

150 8.5 8.2 12.2

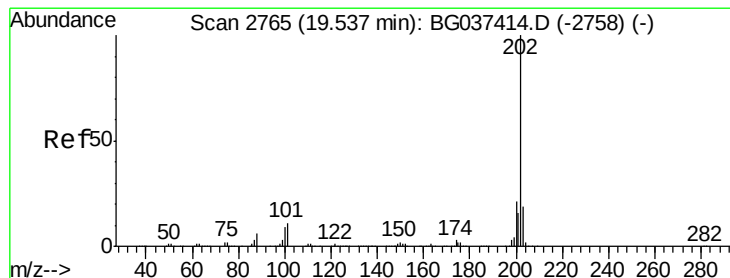
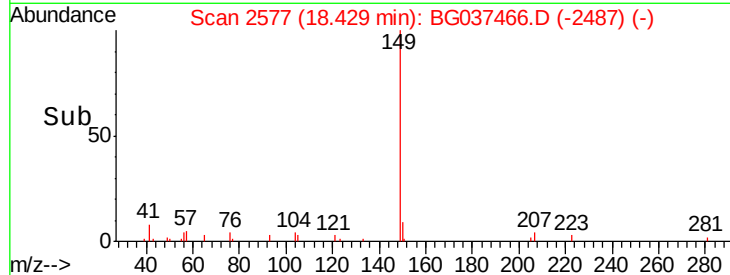
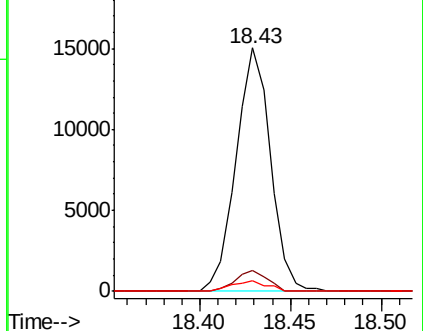
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 1.116 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

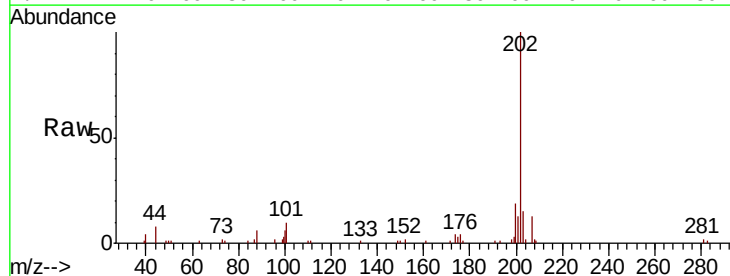
Tgt Ion:202 Resp: 23961

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

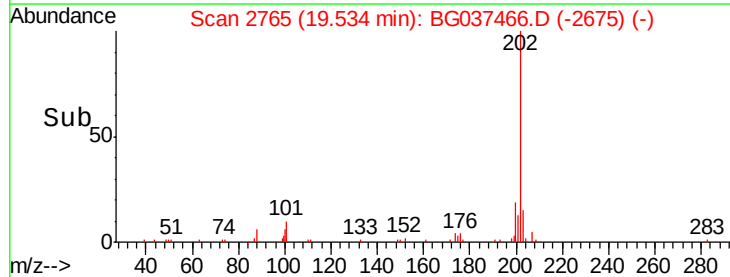
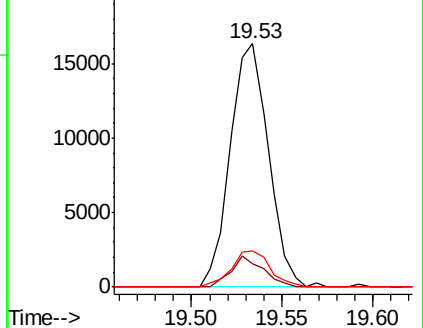
203 15.0 0.0 38.5

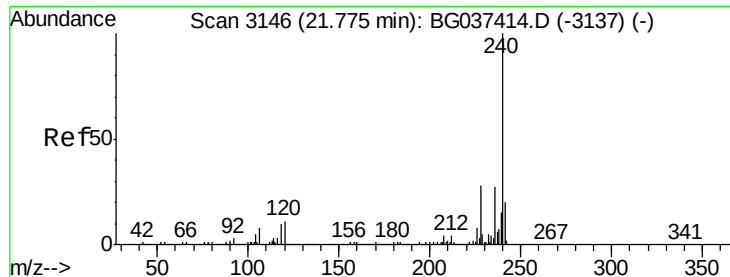


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

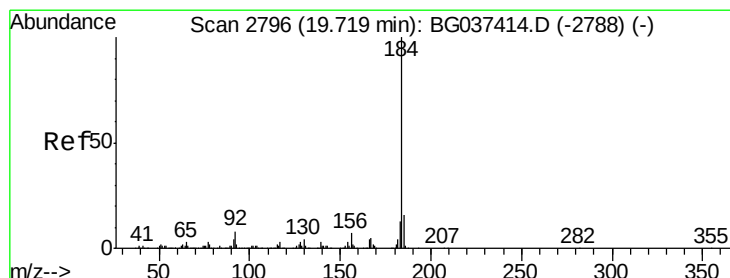
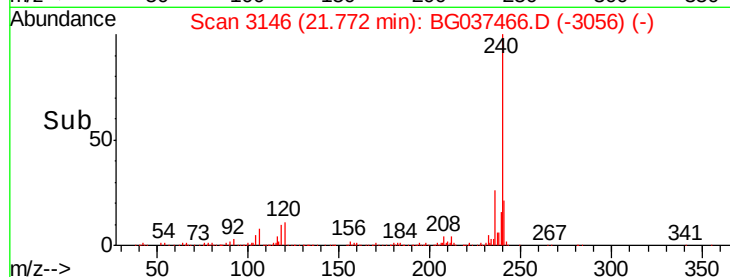
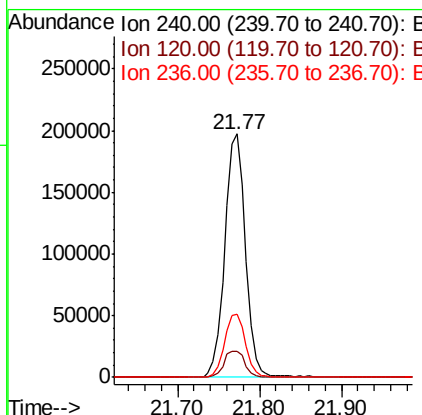
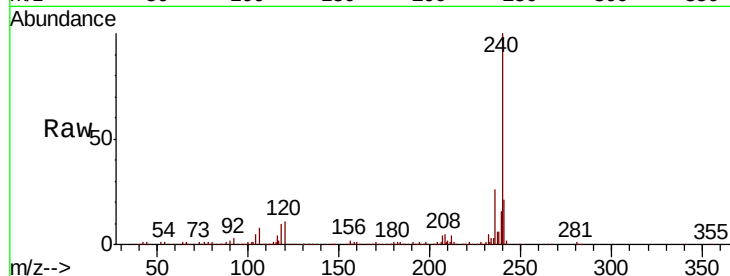




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

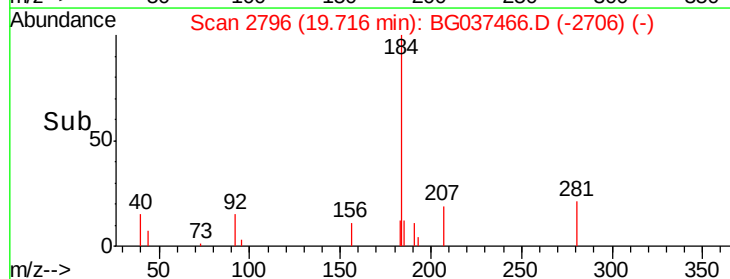
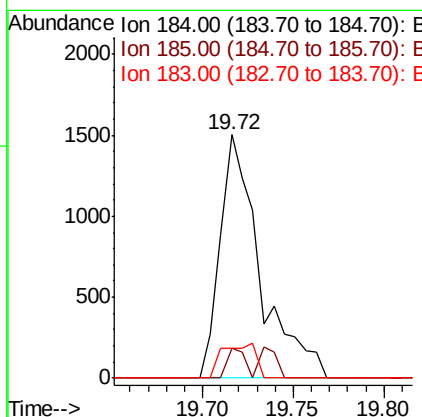
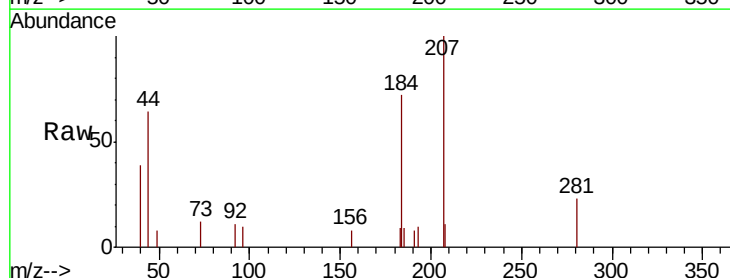
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

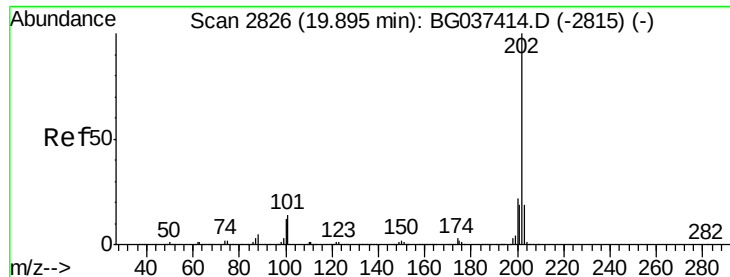
Tgt Ion:240 Resp: 347223
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.0 21.4 32.0



#77
Benzidine
Concen: 0.196 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:184 Resp: 2315
Ion Ratio Lower Upper
184 100
185 12.3 12.6 18.8#
183 12.4 10.2 15.2





#78

Pyrene

Concen: 1.034 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

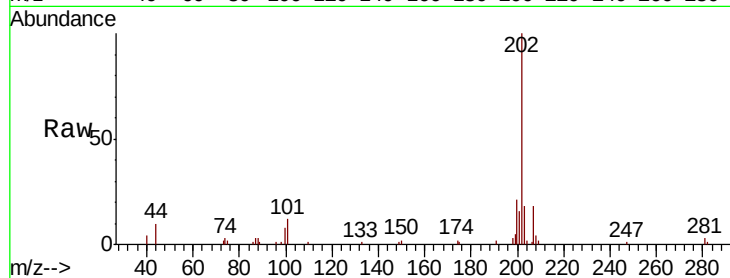
Tgt Ion:202 Resp: 23459

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

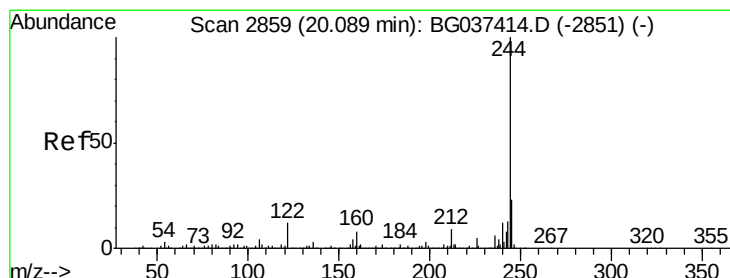
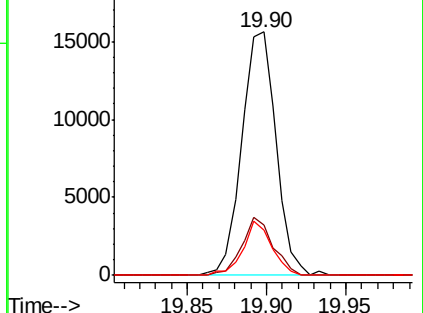
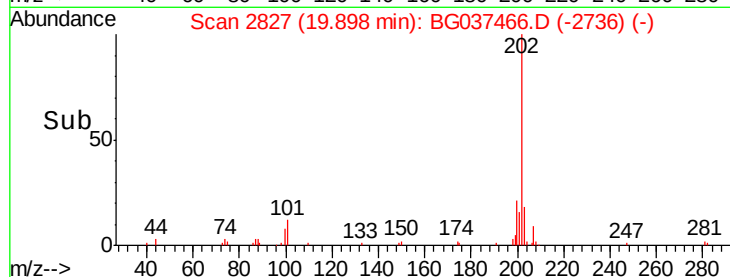
203 18.4 15.2 22.8



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: 82.008 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

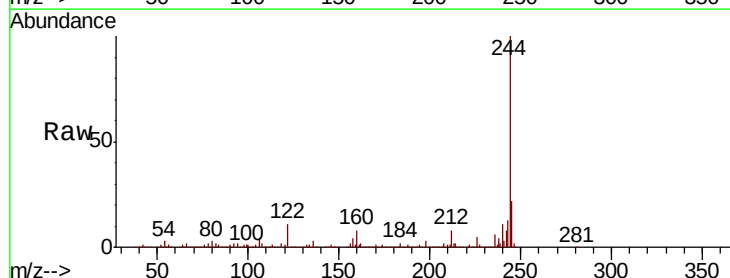
Tgt Ion:244 Resp: 1332620

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

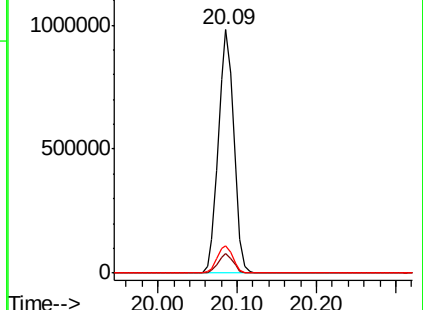
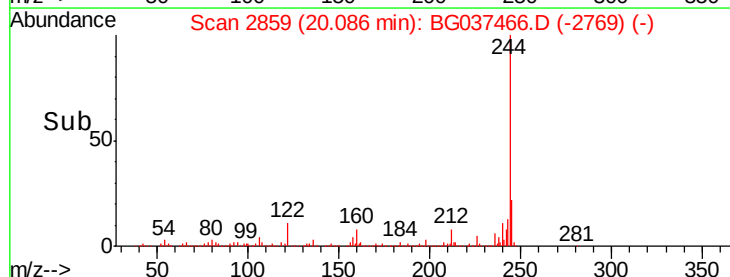
122 11.3 9.0 13.4

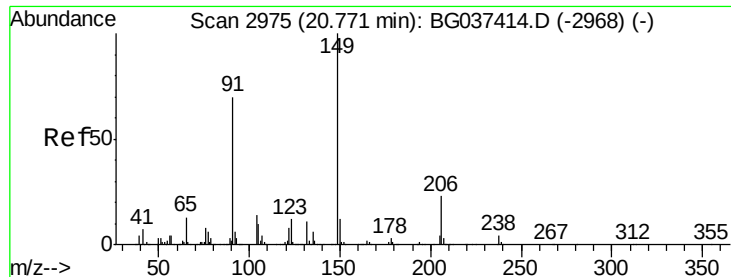


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

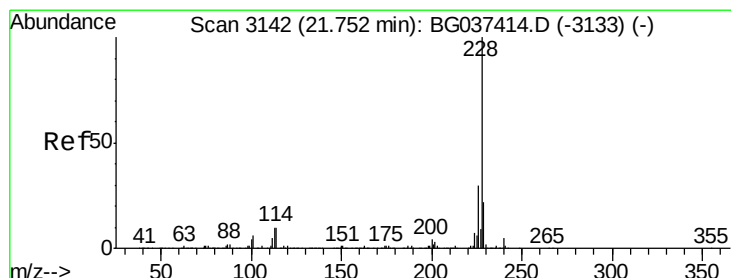
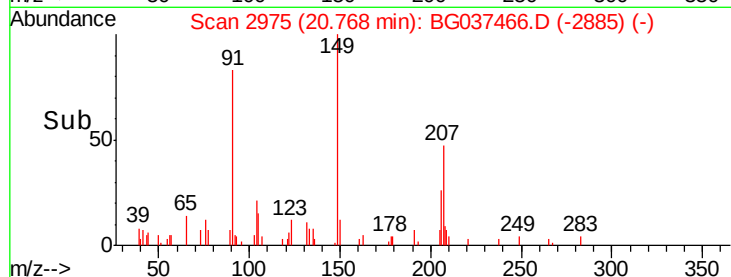
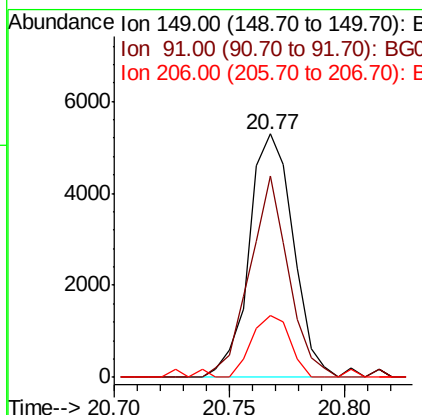
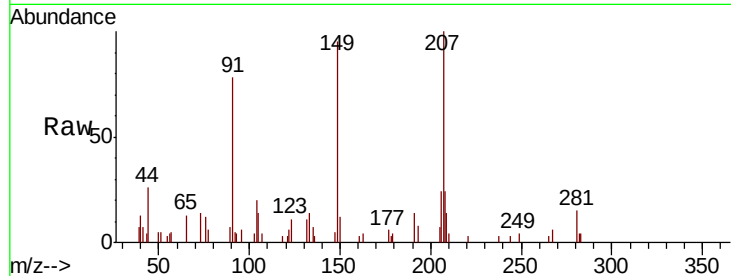




#80
Butylbenzylphthalate
Concen: 0.758 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

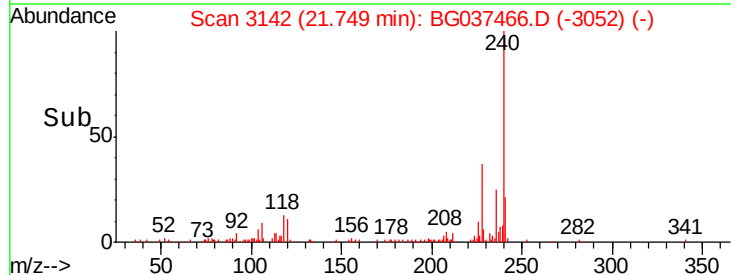
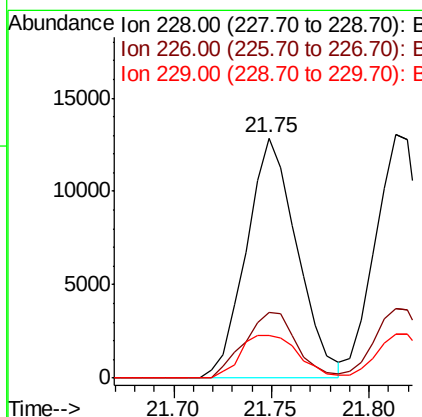
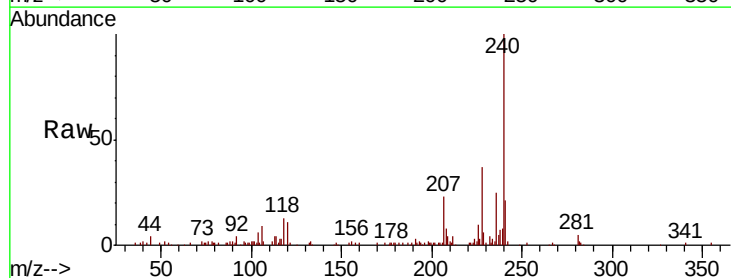
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

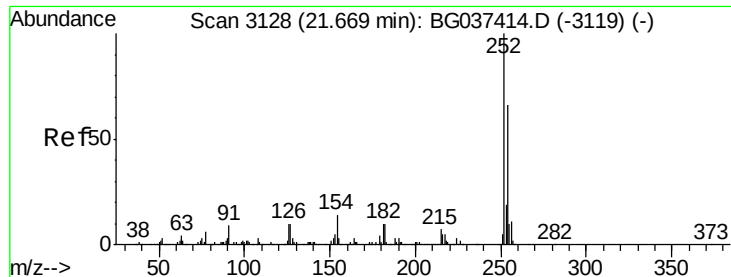
Tgt Ion:149 Resp: 7041
Ion Ratio Lower Upper
149 100
91 82.6 57.0 85.4
206 25.5 17.8 26.6



#81
Benzo(a)anthracene
Concen: 1.126 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:228 Resp: 23131
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 17.6 16.3 24.5

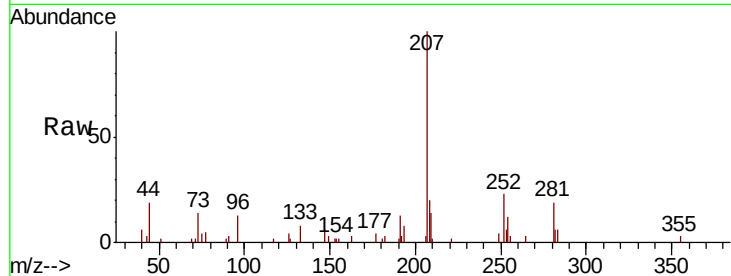




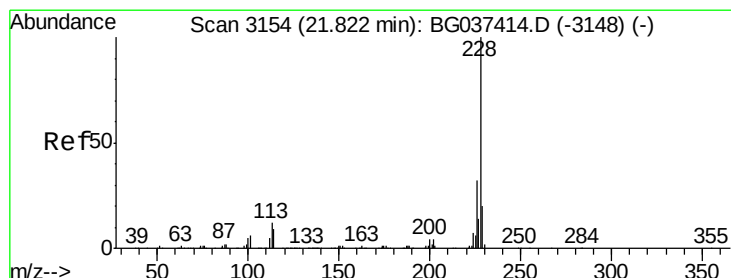
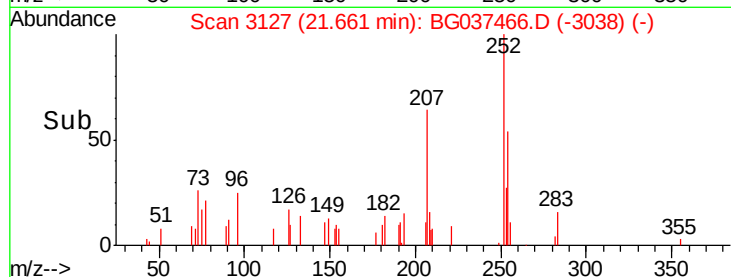
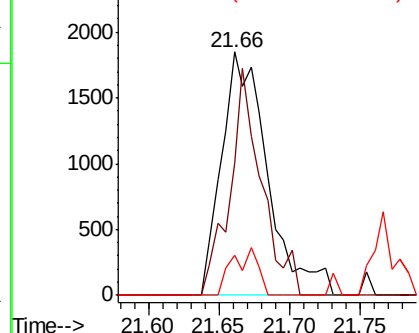
#82
 3,3'-Dichlorobenzidine
 Concen: 0.526 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:252 Resp: 4185
 Ion Ratio Lower Upper
 252 100
 254 54.4 52.0 78.0
 126 16.5 8.2 12.4#

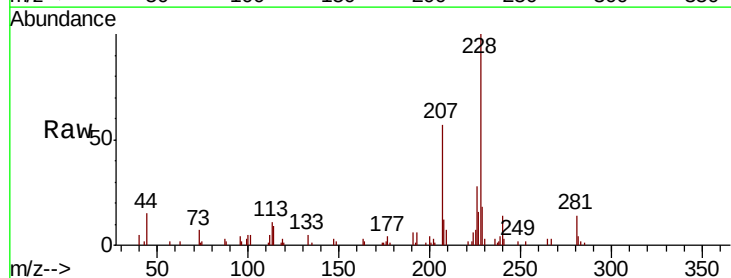


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

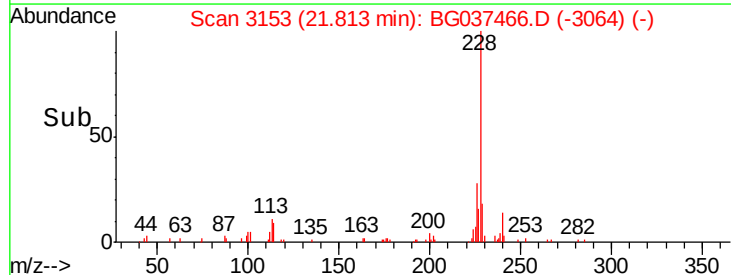
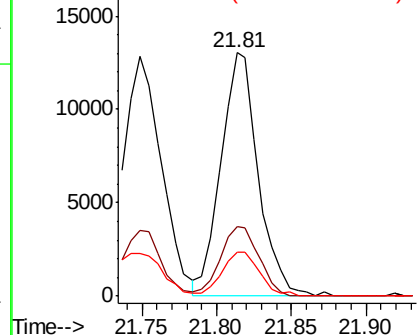


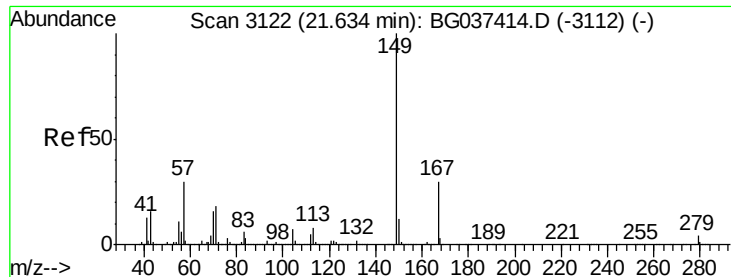
#83
 Chrysene
 Concen: 1.157 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037466.D
 Acq: 20 Oct 2018 1:04

Tgt Ion:228 Resp: 22849
 Ion Ratio Lower Upper
 228 100
 226 28.4 25.7 38.5
 229 17.9 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: 0.810 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

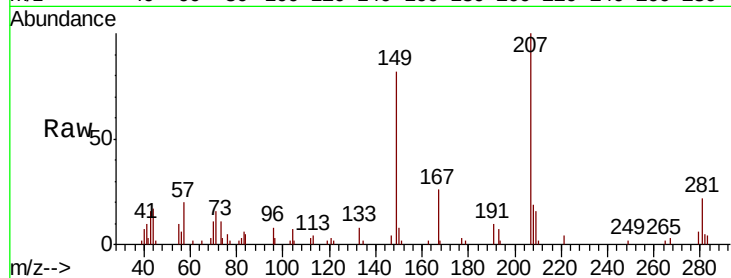
Instrument :

BNA_G

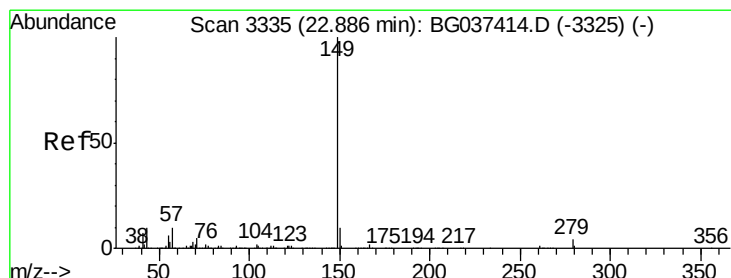
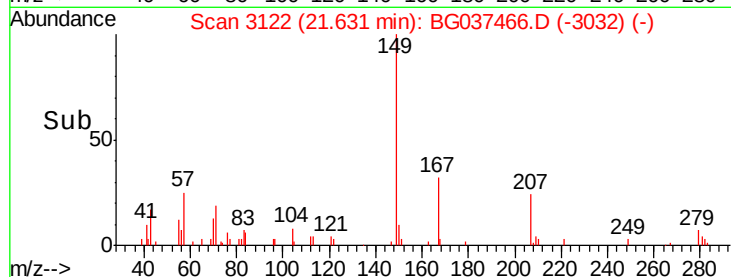
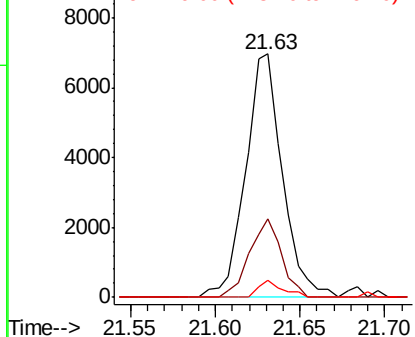
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	149	Resp:	10543
Ion Ratio	Lower	Upper	
149	100		
167	32.0	23.0	34.4
279	6.9	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: 0.735 ng

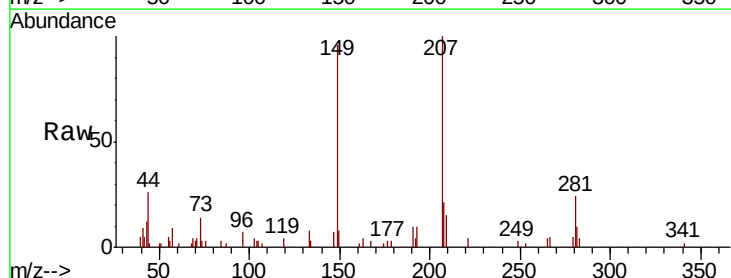
RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

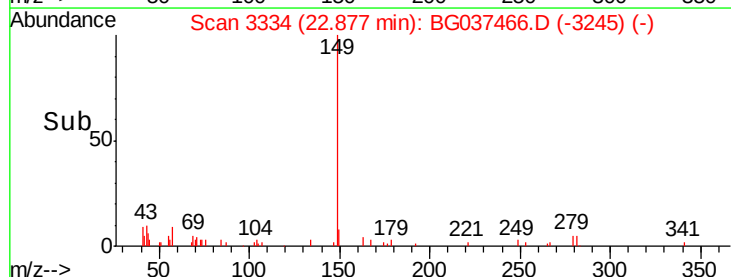
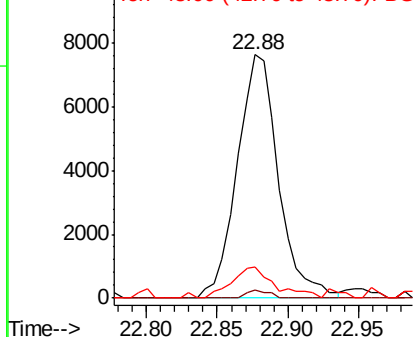
Lab File: BG037466.D

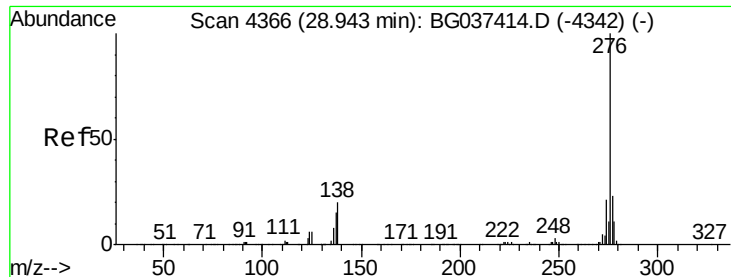
Acq: 20 Oct 2018 1:04

Tgt Ion:	149	Resp:	15599
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	13.4	8.7	13.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.277 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

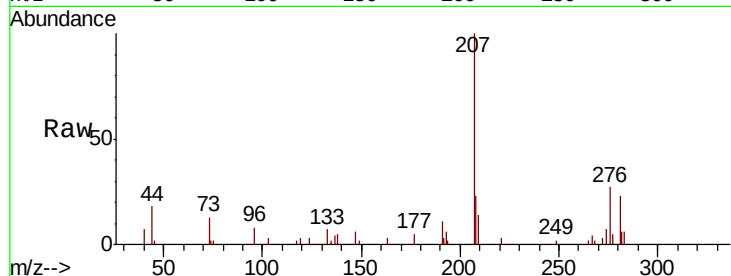
Tgt Ion:276 Resp: 5871

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

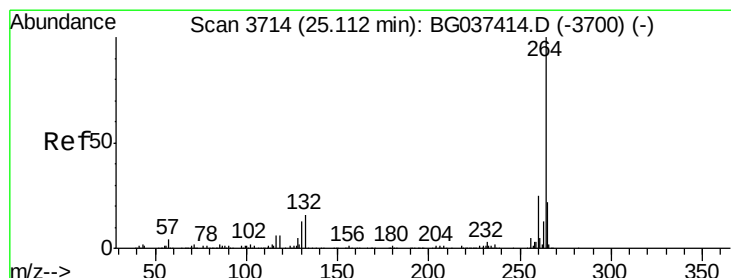
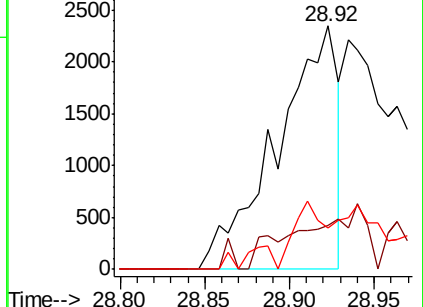
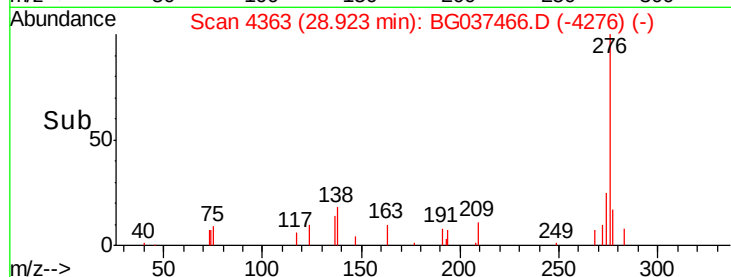
277 13.8 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

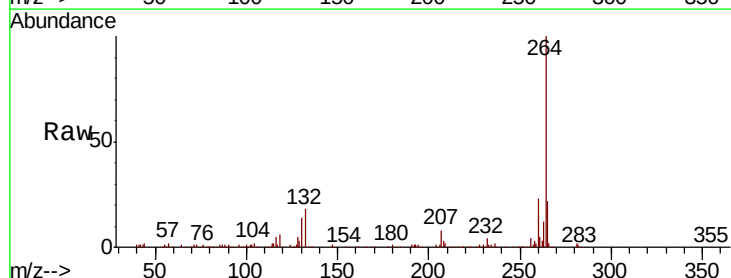
Tgt Ion:264 Resp: 333320

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

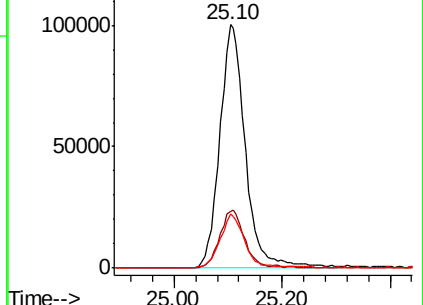
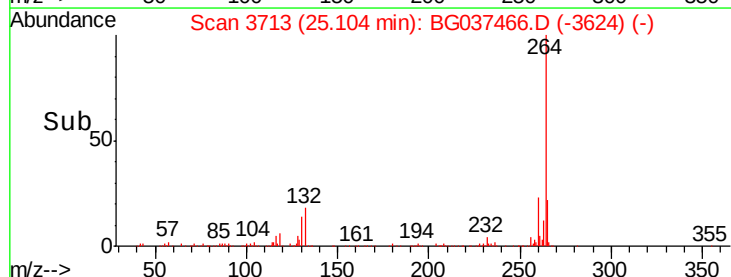
265 22.4 17.9 26.9

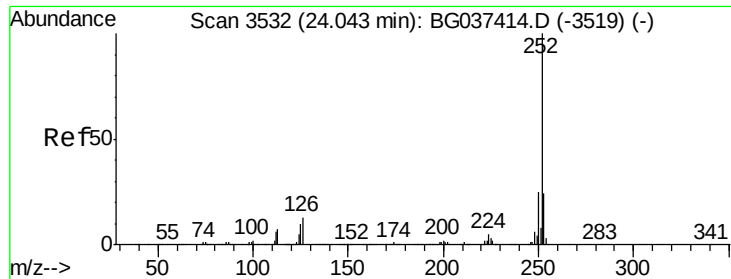


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

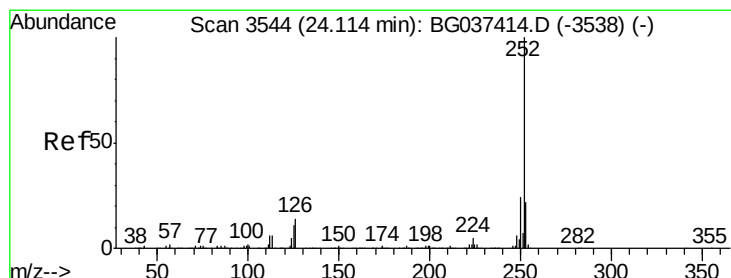
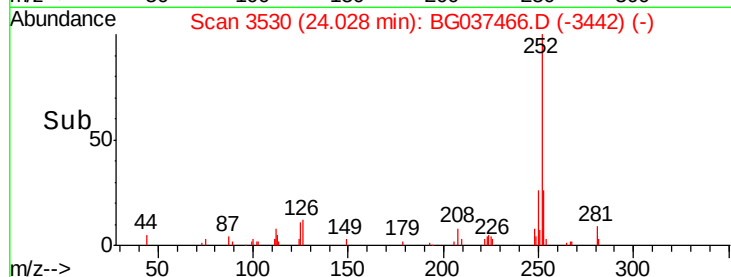
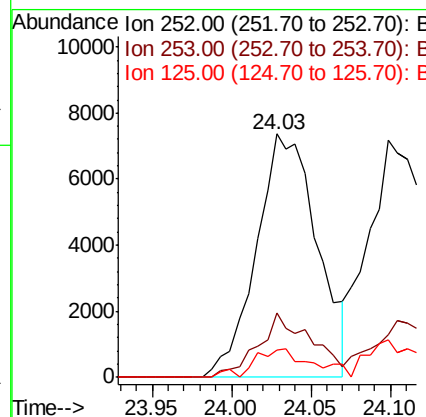
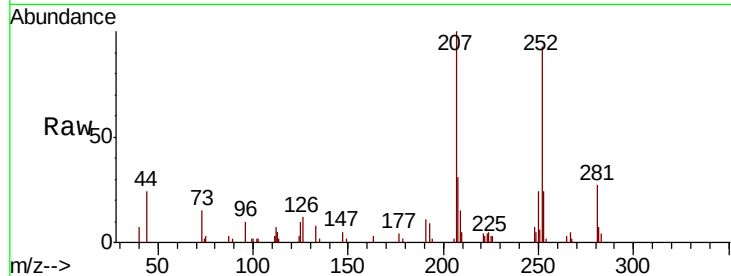




#88
Benzo(b)fluoranthene
Concen: 1.074 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

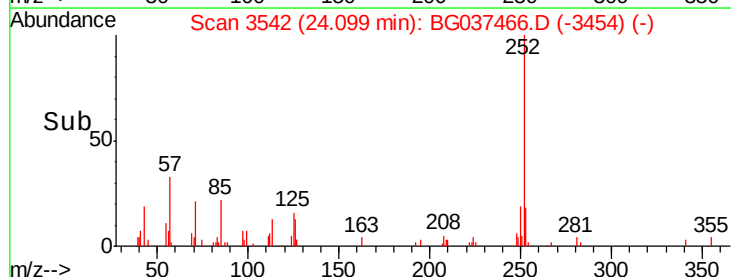
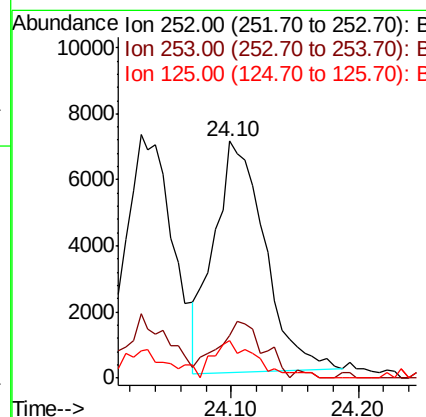
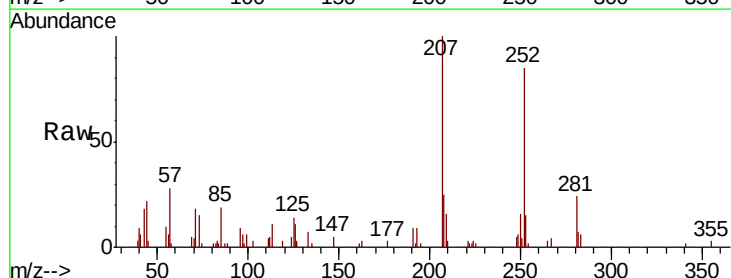
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

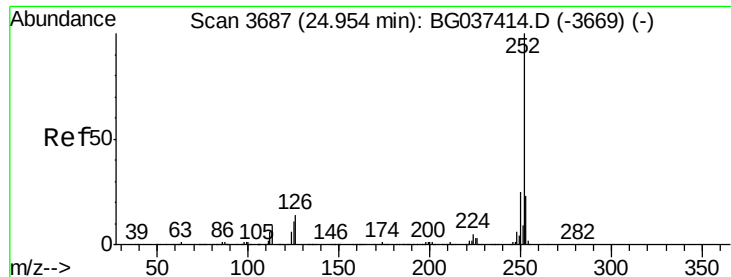
Tgt Ion:252 Resp: 19624
Ion Ratio Lower Upper
252 100
253 26.4 18.2 27.2
125 11.0 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 1.087 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037466.D
Acq: 20 Oct 2018 1:04

Tgt Ion:252 Resp: 19453
Ion Ratio Lower Upper
252 100
253 18.1 17.4 26.2
125 16.0 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 1.034 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

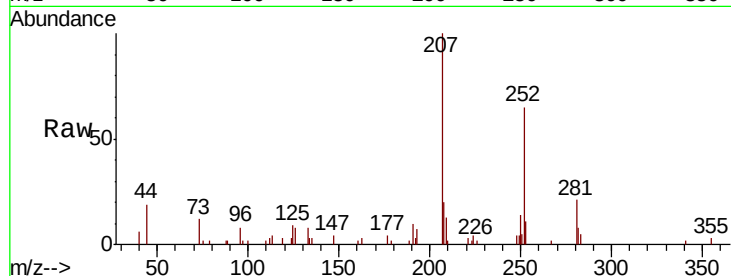
Tgt Ion:252 Resp: 17963

Ion Ratio Lower Upper

252 100

253 16.7 17.4 26.2#

125 13.3 9.0 13.6

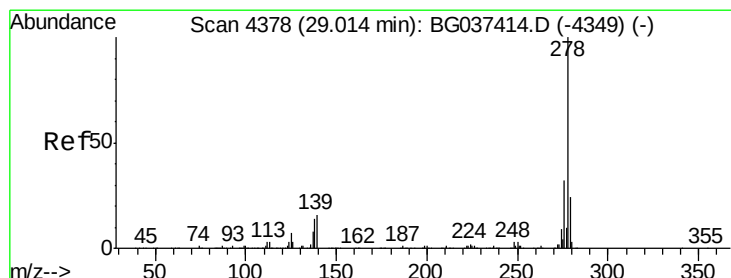
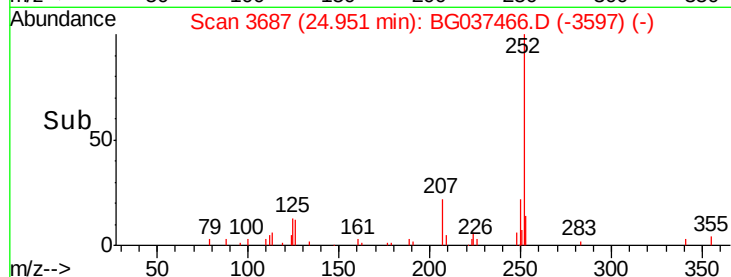
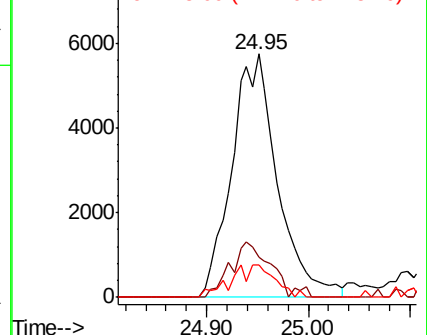


Abundance

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: 0.217 ng

RT: 28.98 min Scan# 4373

Delta R.T. -0.03 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

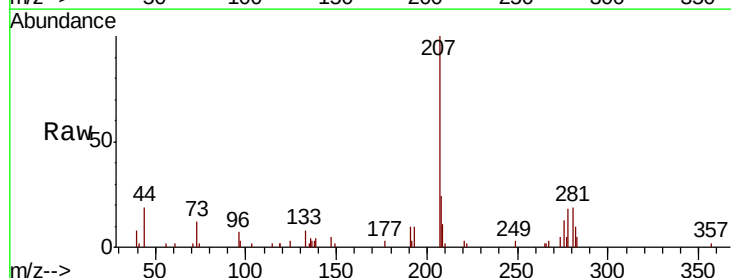
Tgt Ion:278 Resp: 3469

Ion Ratio Lower Upper

278 100

139 22.6 11.5 17.3#

279 0.0 18.6 27.8#

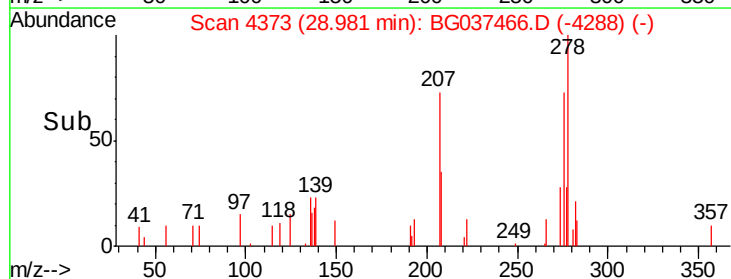
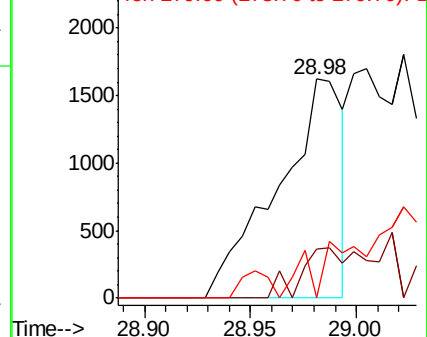


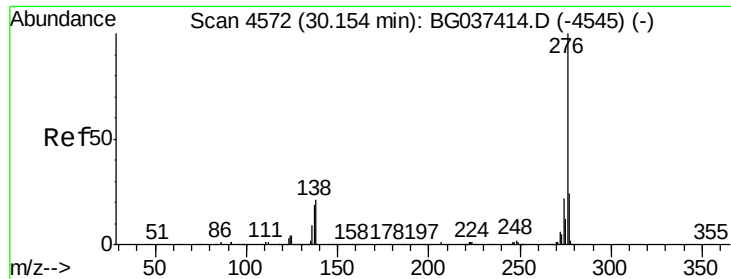
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.371 ng

RT: 30.12 min Scan# 4566

Delta R.T. -0.04 min

Lab File: BG037466.D

Acq: 20 Oct 2018 1:04

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

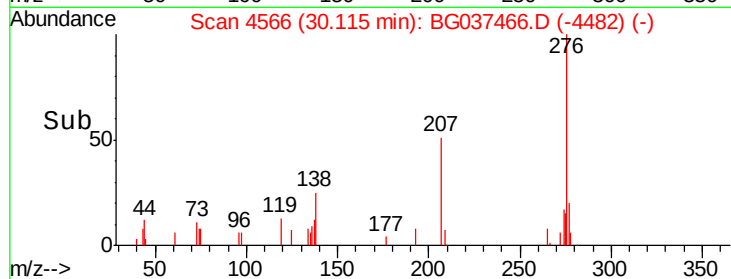
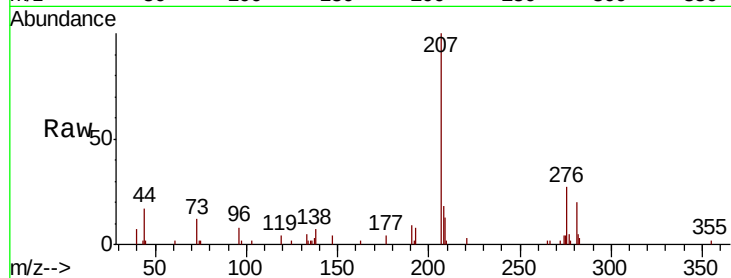
Tgt Ion: 276 Resp: 6009

Ion Ratio Lower Upper

276 100

277 20.2 18.9 28.3

138 24.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

