

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037468.D
 Acq On : 20 Oct 2018 2:22
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 5PPM
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 20 06:02:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52739	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	244784	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161678	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	397770	20.00	ng	0.00
76) Chrysene-d12	21.77	240	374182	20.00	ng	0.00
87) Perylene-d12	25.11	264	370196	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	427746	135.60	ng	0.00
7) Phenol-d6	7.25	99	633398	132.79	ng	0.00
23) Nitrobenzene-d5	9.28	82	354872	81.21	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	238934	135.50	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	859733	80.19	ng	0.00
79) Terphenyl-d14	20.09	244	1324103	75.61	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	7825	4.891 ng	93
3) Pyridine	3.95	79	20083	4.981 ng	92
4) n-Nitrosodimethylamine	3.86	42	8044	5.601 ng	# 95
6) Aniline	7.43	93	20124	3.458 ng	94
8) 2-Chlorophenol	7.67	128	17878	4.845 ng	99
9) Benzaldehyde	7.25	77	14859	4.980 ng	89
10) Phenol	7.28	94	25234	5.014 ng	94
11) bis(2-Chloroethyl)ether	7.52	93	18964	4.961 ng	89
12) 1,3-Dichlorobenzene	7.99	146	19498	4.746 ng	95
13) 1,4-Dichlorobenzene	8.15	146	20290	4.828 ng	95
14) 1,2-Dichlorobenzene	8.46	146	19370	4.792 ng	97
15) Benzyl Alcohol	8.35	79	15855	4.498 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	34501	5.044 ng	96
17) 2-Methylphenol	8.53	107	15684	4.714 ng	98
18) Hexachloroethane	9.19	117	7264	5.070 ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	14961	4.555 ng	# 87
20) 3+4-Methylphenols	8.86	107	21673	4.556 ng	93
22) Acetophenone	8.93	105	29549	4.813 ng	# 95
24) Nitrobenzene	9.33	77	23731	5.228 ng	98
25) Isophorone	9.84	82	41045	5.141 ng	99
26) 2-Nitrophenol	10.04	139	8377	4.096 ng	# 85
27) 2,4-Dimethylphenol	10.08	122	17126	4.690 ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	26237	5.016 ng	98
29) 2,4-Dichlorophenol	10.56	162	17922	4.408 ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	20887	4.725 ng	98
31) Naphthalene	10.98	128	64207	5.340 ng	98
32) Benzoic acid	10.12	122	4170	1.758 ng	87
33) 4-Chloroaniline	11.09	127	19772	3.500 ng	# 93
34) Hexachlorobutadiene	11.24	225	11829	4.515 ng	95
35) Caprolactam	11.85	113	6281	3.852 ng	92
36) 4-Chloro-3-methylphenol	12.18	107	20386	4.446 ng	# 91
37) 2-Methylnaphthalene	12.58	142	48736	5.561 ng	98
38) 1-Methylnaphthalene	12.58	142	48736	5.726 ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	24139	4.629 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037468.D
 Acq On : 20 Oct 2018 2:22
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 5PPM
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 20 06:02:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

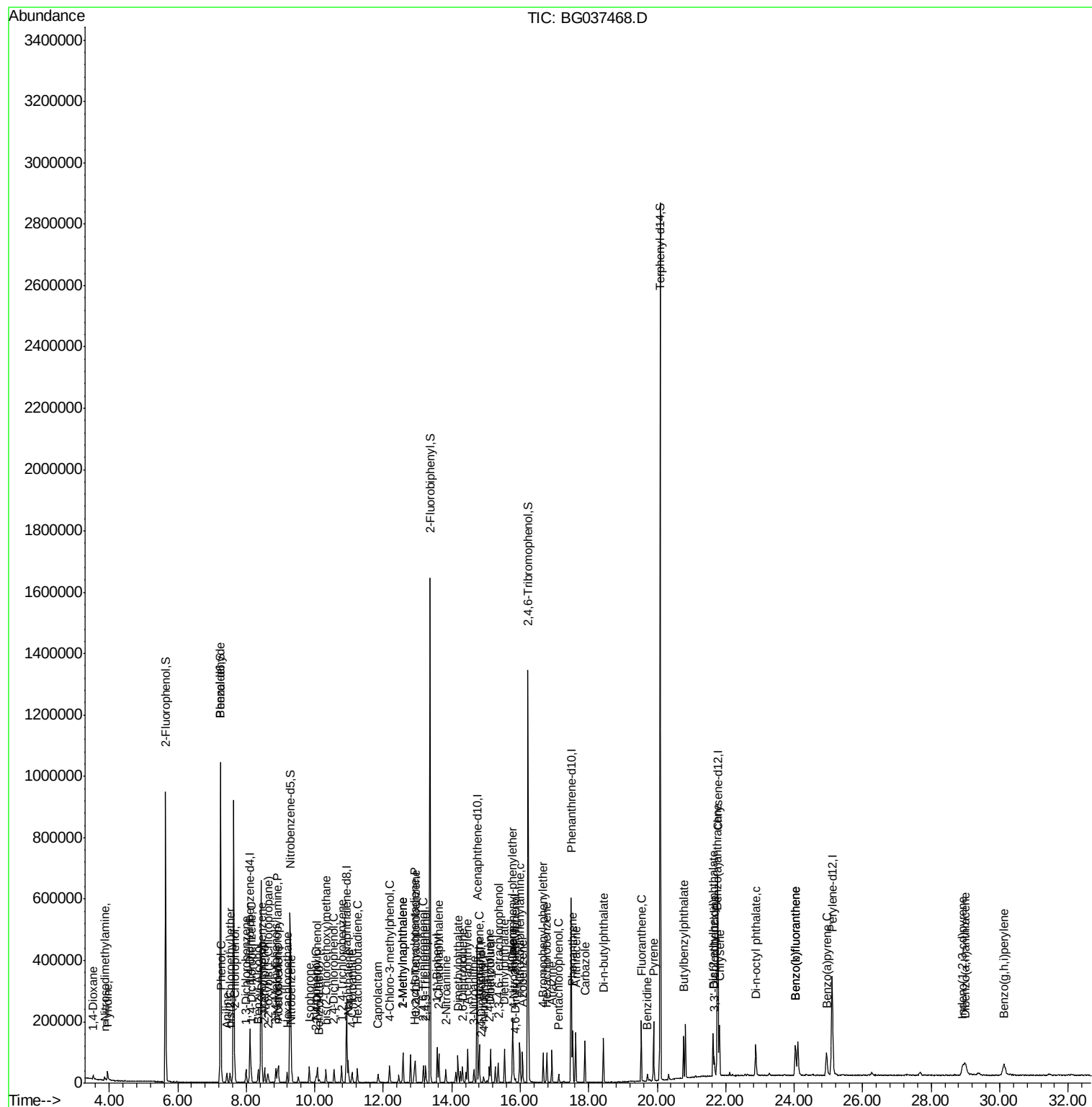
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	12099	4.857	ng	92
43) 2,4,6-Trichlorophenol	13.17	196	15060	4.323	ng	90
44) 2,4,5-Trichlorophenol	13.24	196	17301	4.561	ng	94
46) 1,1'-Biphenyl	13.58	154	62259	4.650	ng	99
47) 2-Chloronaphthalene	13.62	162	50279	4.963	ng	96
48) 2-Nitroaniline	13.83	65	13003	4.233	ng	93
49) Acenaphthylene	14.46	152	83368	5.471	ng	97
50) Dimethylphthalate	14.19	163	63798	5.101	ng	99
51) 2,6-Dinitrotoluene	14.32	165	12496	4.516	ng	94
52) Acenaphthene	14.80	154	47975	5.112	ng	96
53) 3-Nitroaniline	14.65	138	12633	4.113	ng	98
54) 2,4-Dinitrophenol	14.85	184	973	7.636	ng #	85
55) Dibenzofuran	15.14	168	81746	5.257	ng	98
56) 4-Nitrophenol	14.93	139	6687	2.941	ng #	88
57) 2,4-Dinitrotoluene	15.09	165	16408	4.518	ng #	91
58) Fluorene	15.79	166	64996	5.582	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.36	232	14437	4.445	ng	98
60) Diethylphthalate	15.54	149	65967	5.137	ng	96
61) 4-Chlorophenyl-phenylether	15.77	204	34328	5.058	ng	97
62) 4-Nitroaniline	15.80	138	12585	4.123	ng	94
63) Azobenzene	16.07	77	64744	5.284	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	3667	9.953	ng	85
66) n-Nitrosodiphenylamine	15.99	169	57362	4.794	ng	97
67) 4-Bromophenyl-phenylether	16.67	248	19554	4.476	ng	97
68) Hexachlorobenzene	16.78	284	21581	4.767	ng	96
69) Atrazine	16.93	200	19546	4.518	ng	97
70) Pentachlorophenol	17.12	266	7421	2.447	ng	90
71) Phenanthrene	17.53	178	112111	5.546	ng	96
72) Anthracene	17.62	178	111359	5.613	ng	97
73) Carbazole	17.89	167	95714	4.823	ng	98
74) Di-n-butylphthalate	18.43	149	107192	4.856	ng	99
75) Fluoranthene	19.53	202	126196	5.504	ng	99
77) Benzidine	19.72	184	18099	1.423	ng	96
78) Pyrene	19.89	202	128268	5.244	ng	97
80) Butylbenzylphthalate	20.77	149	44601	4.455	ng	97
81) Benzo(a)anthracene	21.75	228	117842	5.324	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	26095	3.042	ng	99
83) Chrysene	21.82	228	114182	5.365	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	60476	4.310	ng	98
85) Di-n-octyl phthalate	22.88	149	97942	4.280	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	95511	4.184	ng #	75
88) Benzo(b)fluoranthene	24.03	252	103632	5.106	ng	97
89) Benzo(k)fluoranthene	24.03	252	103632	5.212	ng	95
90) Benzo(a)pyrene	24.94	252	97568	5.059	ng	95
91) Dibenzo(a,h)anthracene	28.99	278	73568	4.136	ng #	95
92) Benzo(g,h,i)perylene	30.13	276	82033	4.558	ng	94

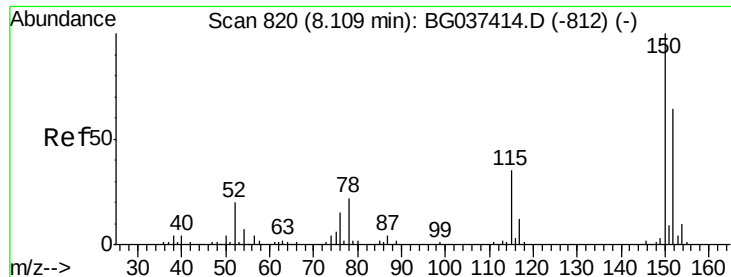
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037468.D
Acq On : 20 Oct 2018 2:22
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 5PPM
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 20 06:02:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

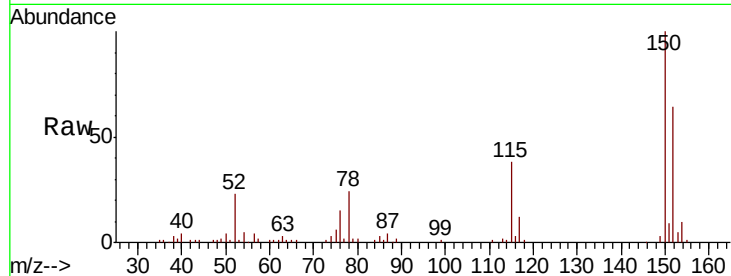




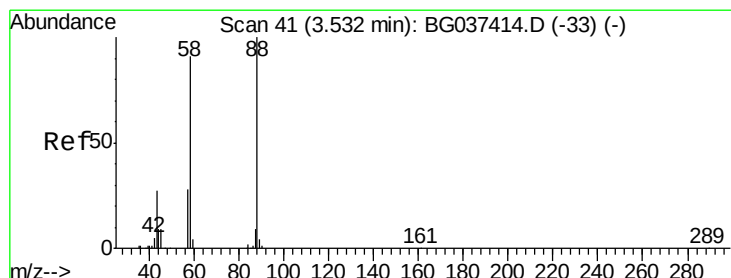
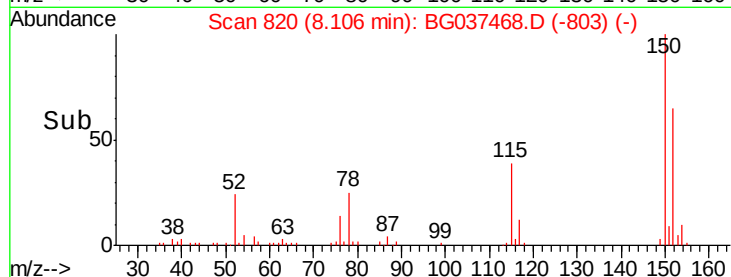
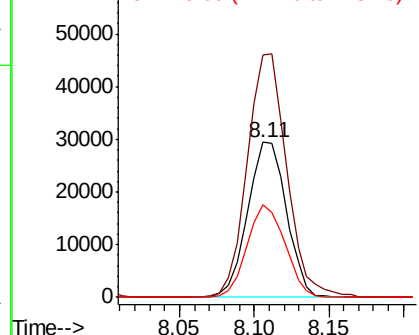
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion:152 Resp: 52739
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.0 189.0
 115 60.2 45.5 68.3

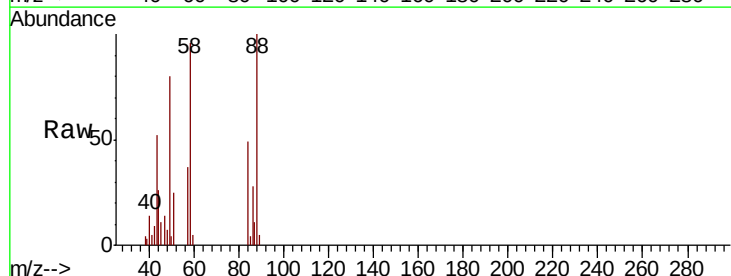


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

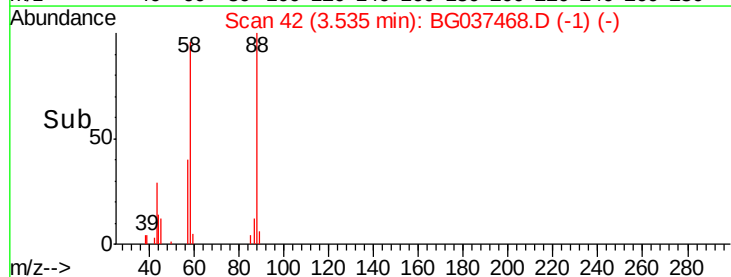
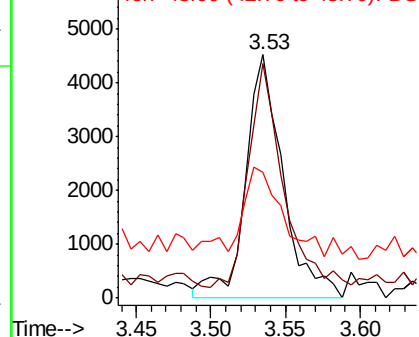


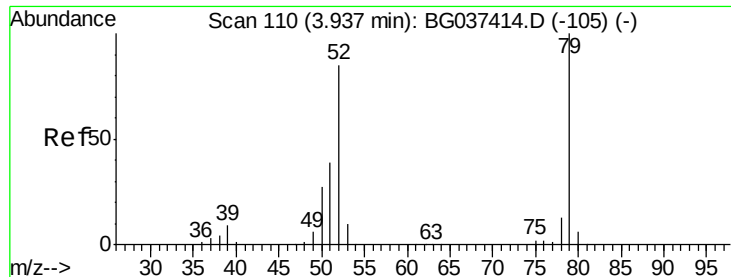
#2
 1,4-Dioxane
 Concen: 4.891 ng
 RT: 3.53 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 88 Resp: 7825
 Ion Ratio Lower Upper
 88 100
 58 85.7 74.4 111.6
 43 36.2 25.8 38.8



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





#3

Pyridine

Concen: 4.981 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

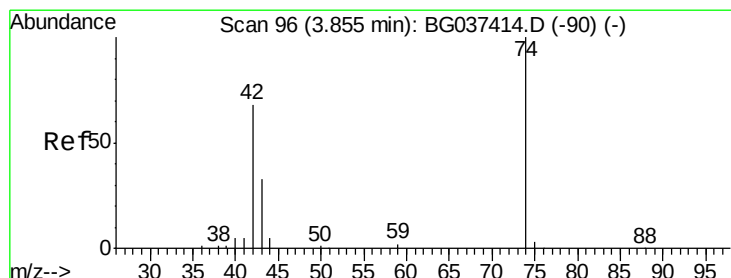
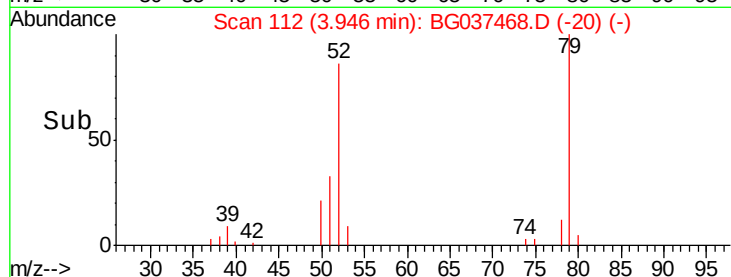
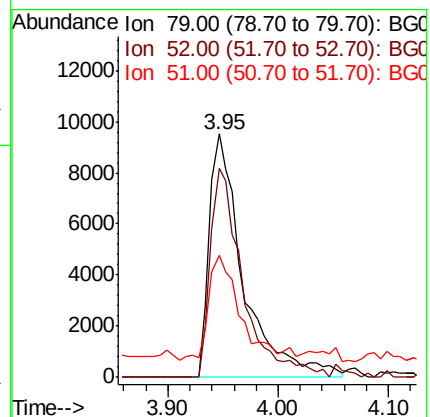
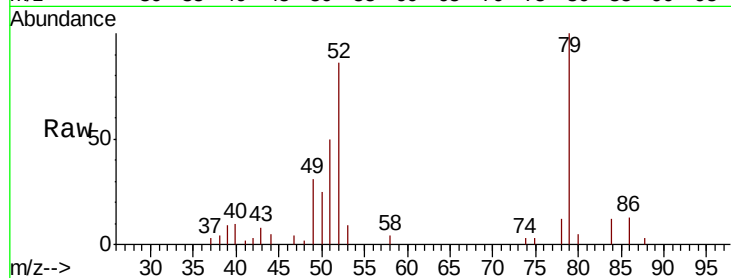
Tgt Ion: 79 Resp: 20083

Ion Ratio Lower Upper

79 100

52 85.8 74.2 111.2

51 50.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 5.601 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.01 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

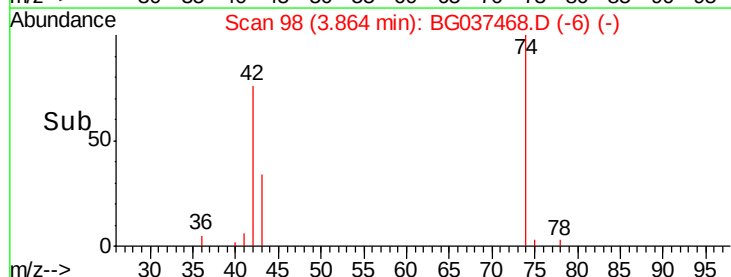
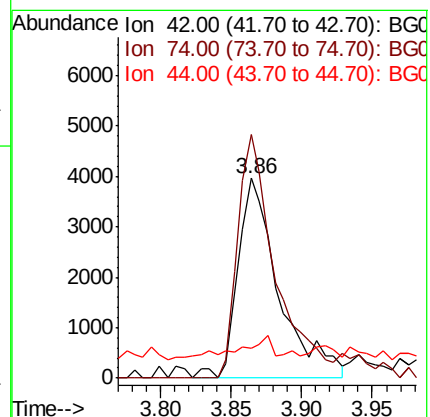
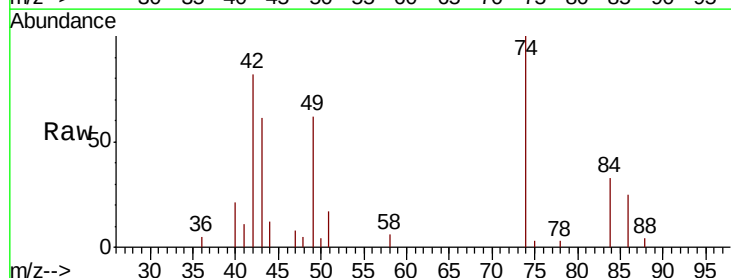
Tgt Ion: 42 Resp: 8044

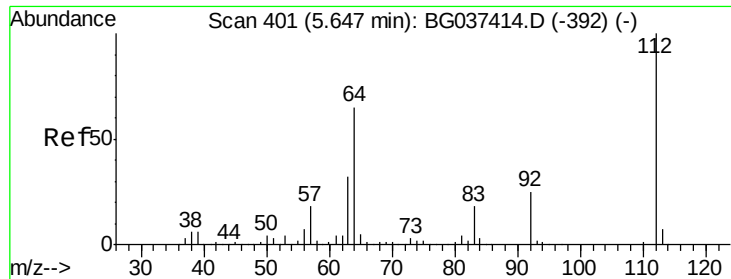
Ion Ratio Lower Upper

42 100

74 121.8 102.0 153.0

44 15.2 9.6 14.4#





#5

2-Fluorophenol

Concen: 135.598 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

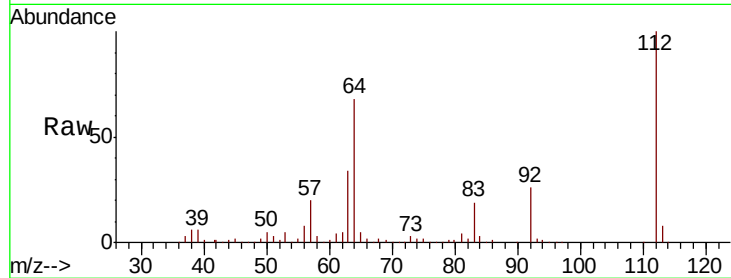
Tgt Ion: 112 Resp: 427746

Ion Ratio Lower Upper

112 100

64 67.7 53.1 79.7

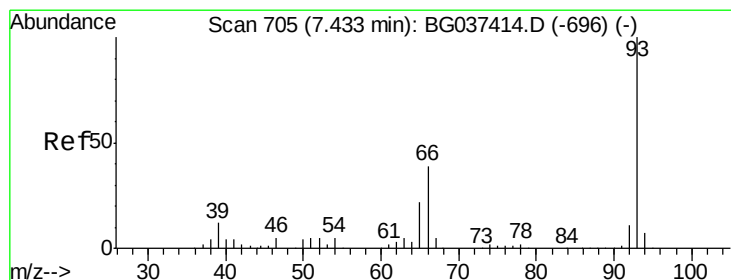
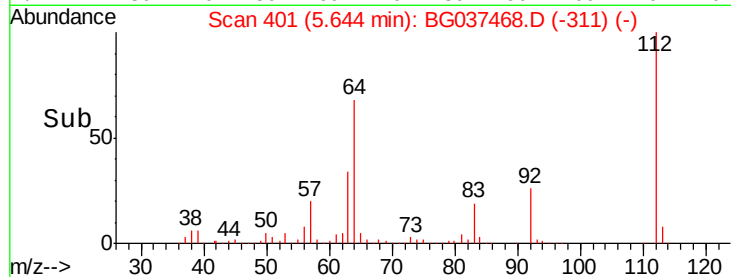
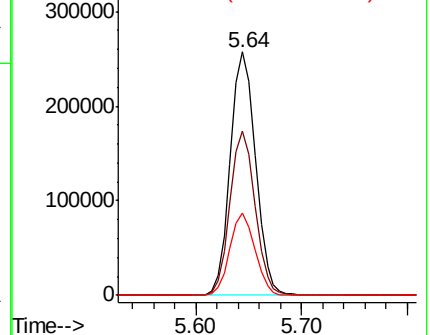
63 33.7 27.3 40.9



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: 3.458 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

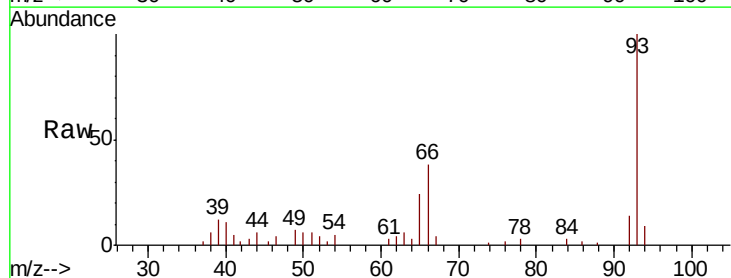
Tgt Ion: 93 Resp: 20124

Ion Ratio Lower Upper

93 100

66 37.7 32.8 49.2

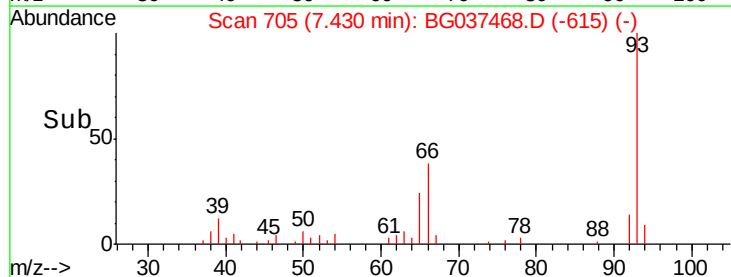
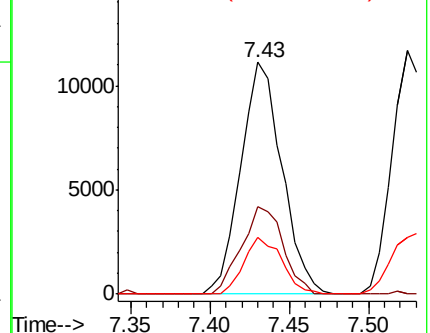
65 24.3 16.4 24.6

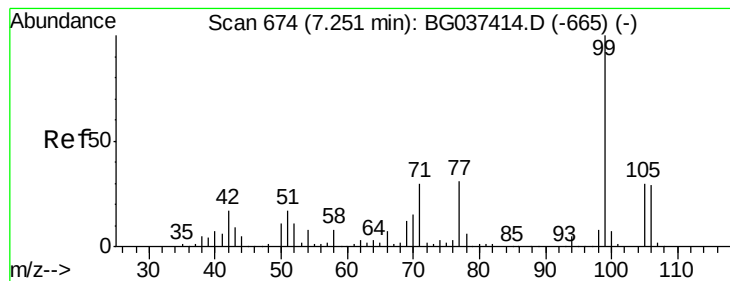


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.787 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

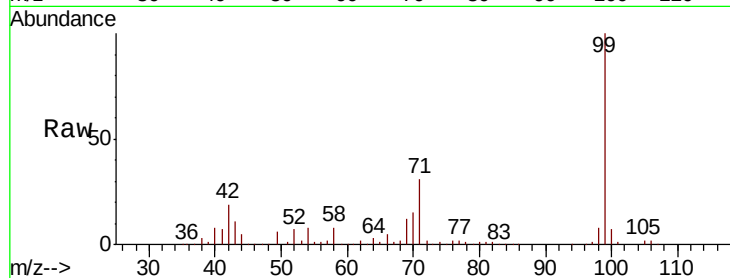
Tgt Ion: 99 Resp: 633398

Ion Ratio Lower Upper

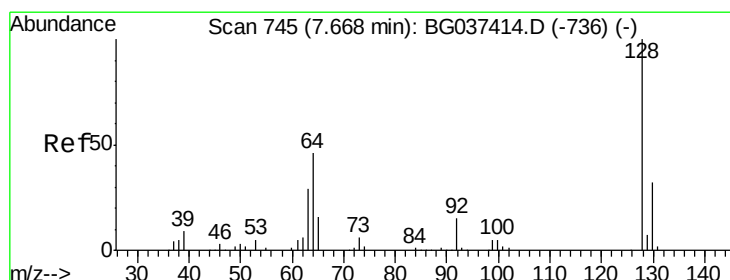
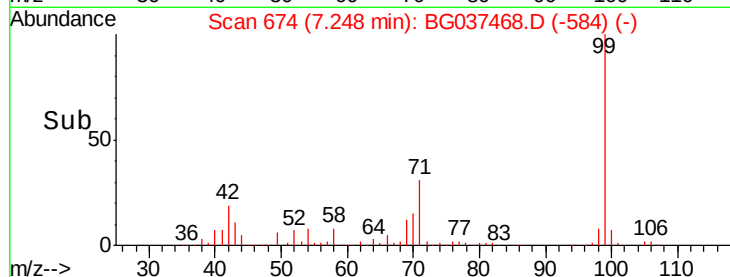
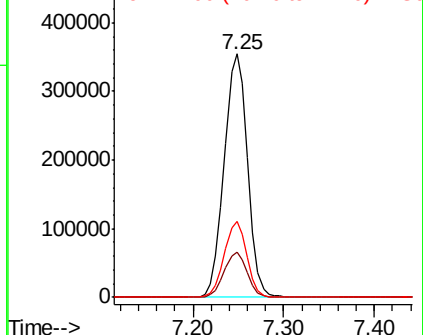
99 100

42 18.5 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: 4.845 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

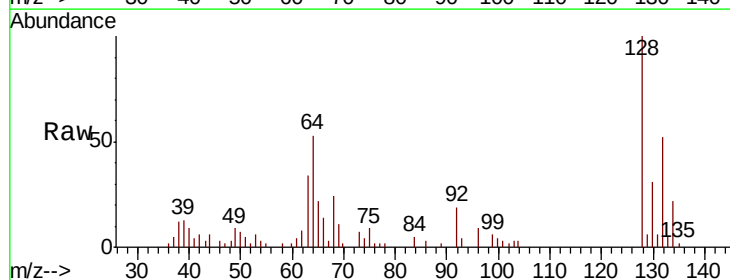
Tgt Ion: 128 Resp: 17878

Ion Ratio Lower Upper

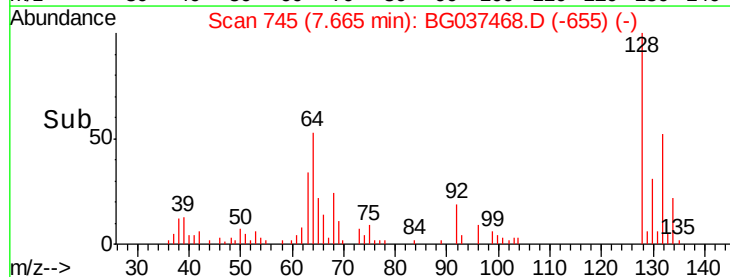
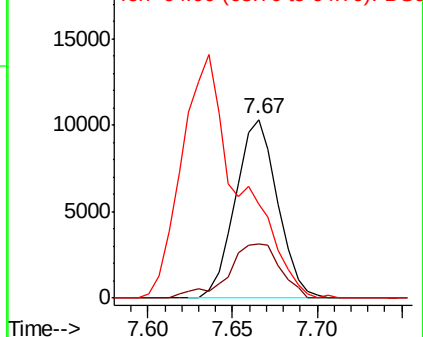
128 100

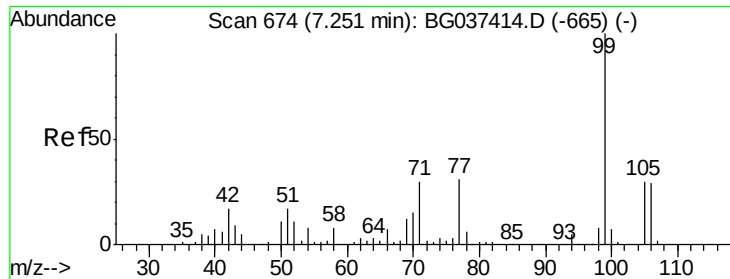
130 30.5 12.0 52.0

64 52.8 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: 4.980 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

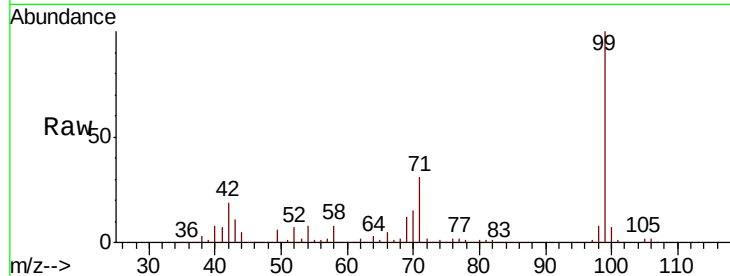
Tgt Ion: 77 Resp: 14859

Ion Ratio Lower Upper

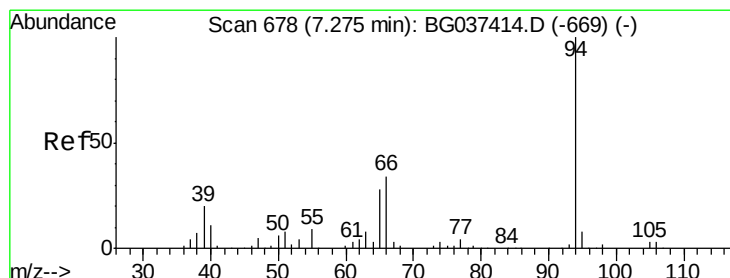
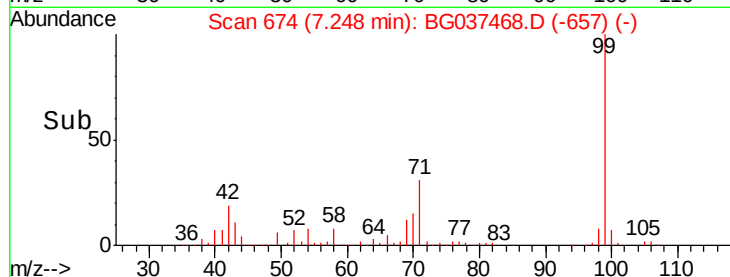
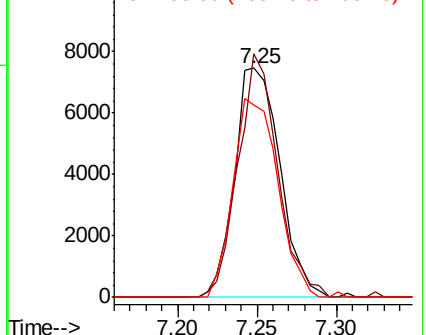
77 100

105 106.1 72.6 112.6

106 83.9 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: 5.014 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

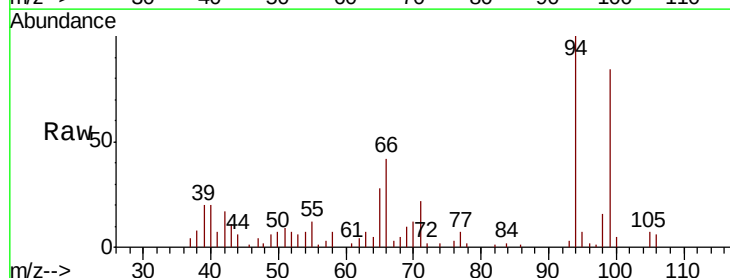
Tgt Ion: 94 Resp: 25234

Ion Ratio Lower Upper

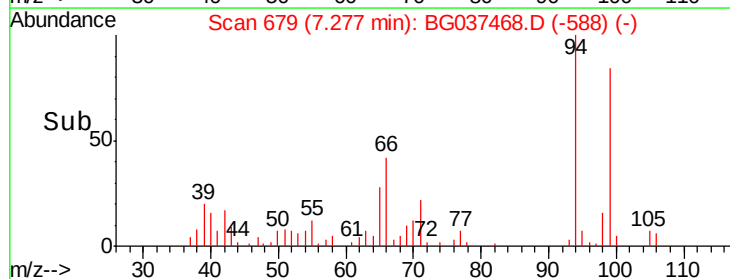
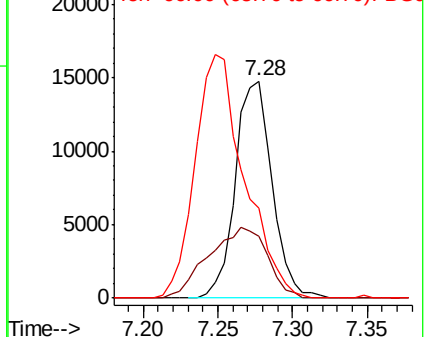
94 100

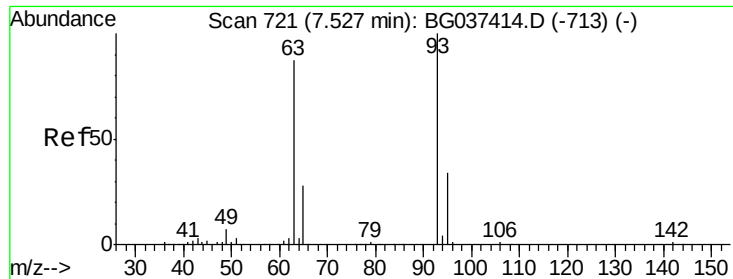
65 28.4 9.7 49.7

66 41.7 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

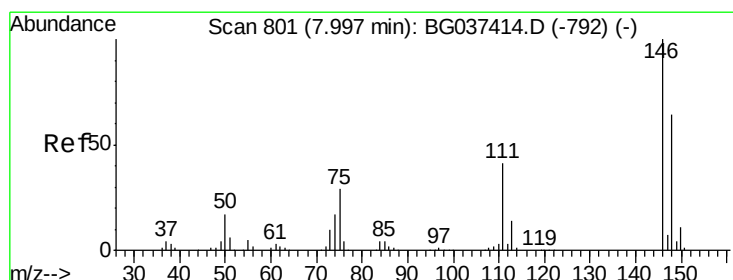
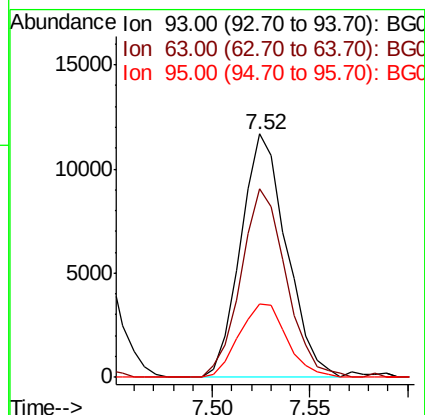
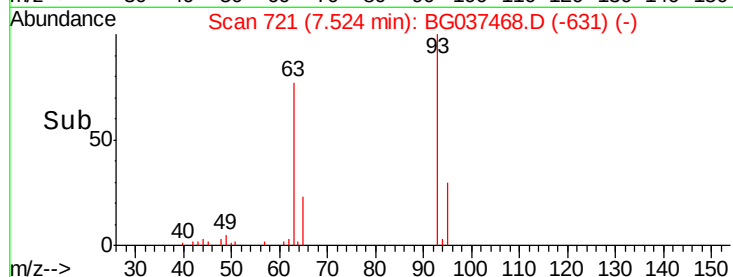
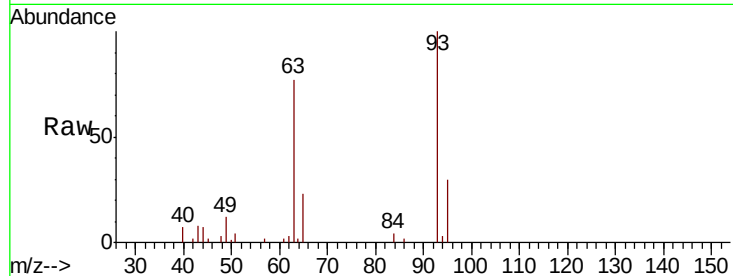




#11
 bis(2-Chloroethyl)ether
 Concen: 4.961 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

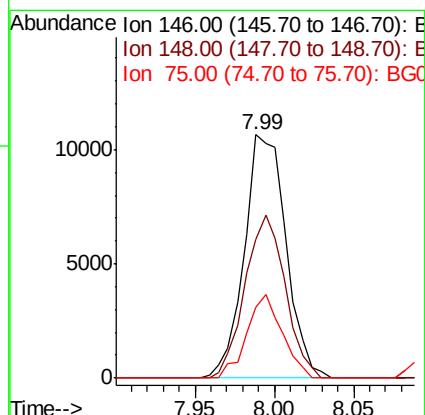
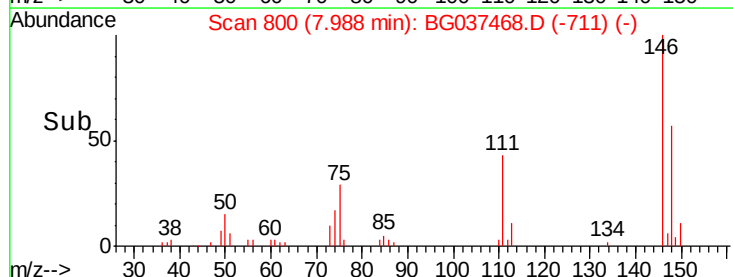
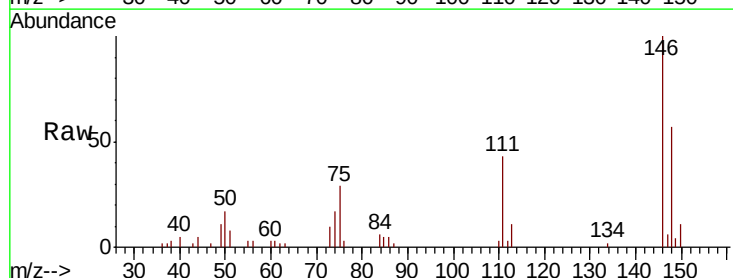
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

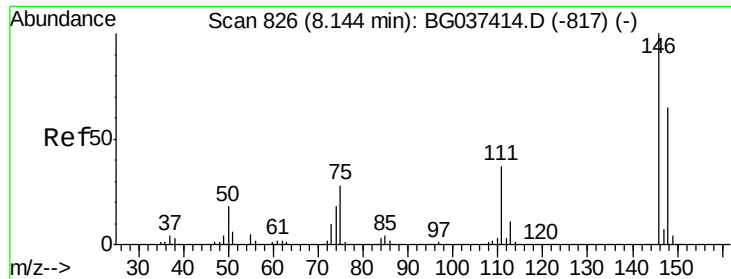
Tgt Ion: 93 Resp: 18964
 Ion Ratio Lower Upper
 93 100
 63 77.3 69.5 109.5
 95 30.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 4.746 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 146 Resp: 19498
 Ion Ratio Lower Upper
 146 100
 148 56.9 49.8 74.8
 75 28.9 23.2 34.8

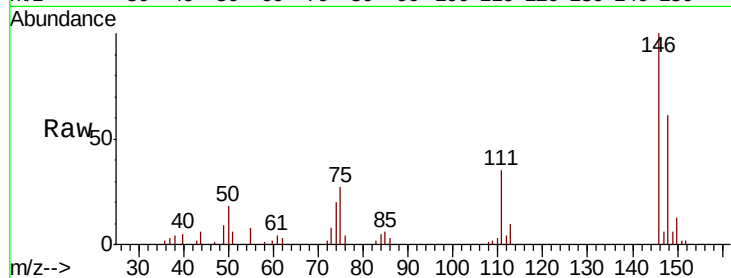




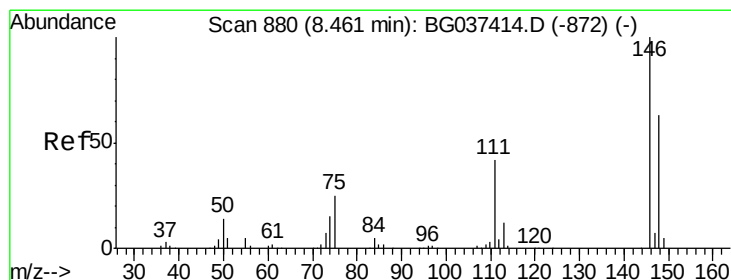
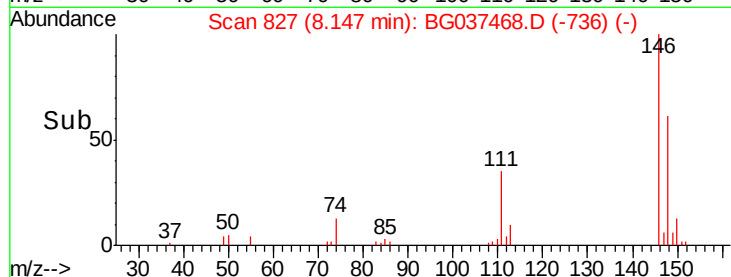
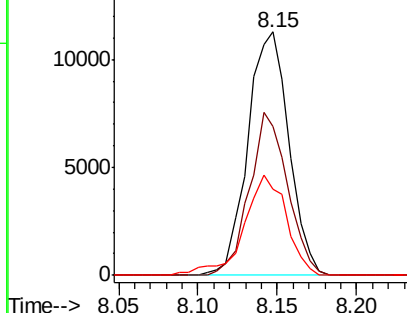
#13
 1,4-Dichlorobenzene
 Concen: 4.828 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion:146 Resp: 20290
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.0 76.6
 111 35.3 32.4 48.6

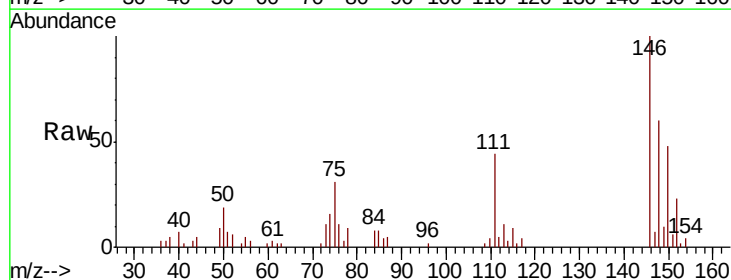


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

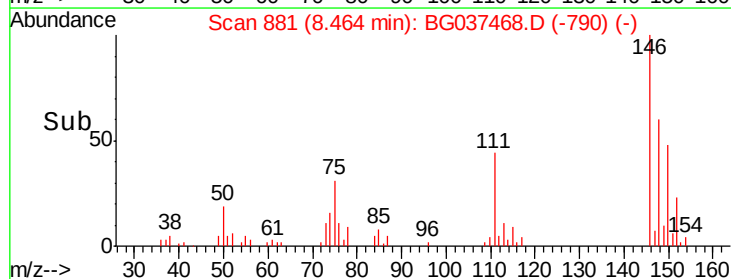
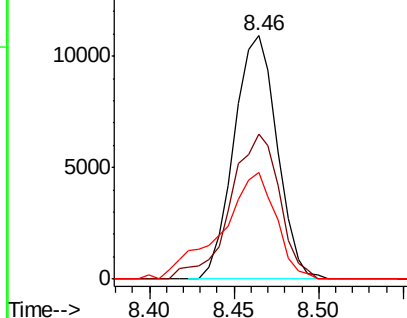


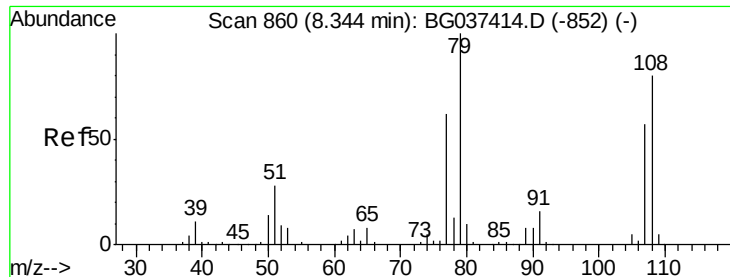
#14
 1,2-Dichlorobenzene
 Concen: 4.792 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion:146 Resp: 19370
 Ion Ratio Lower Upper
 146 100
 148 59.6 50.4 75.6
 111 44.0 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: 4.498 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

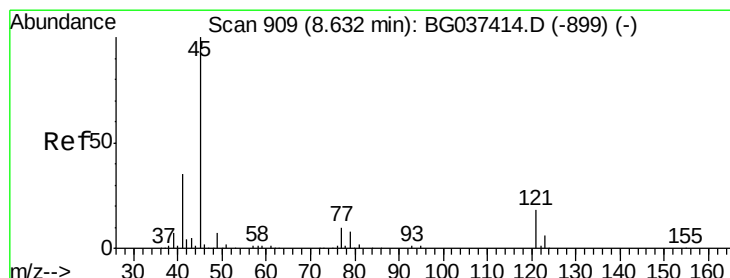
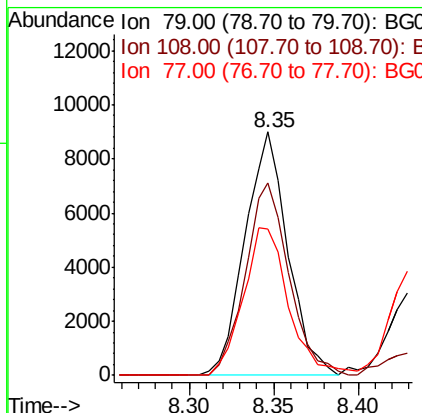
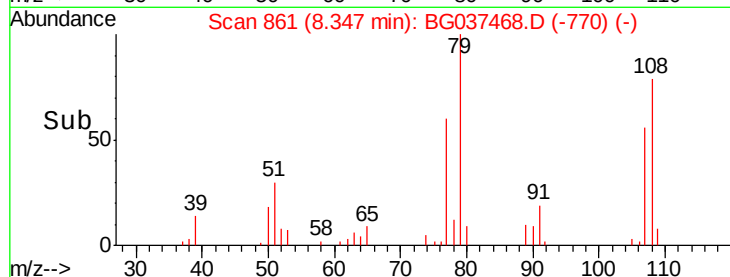
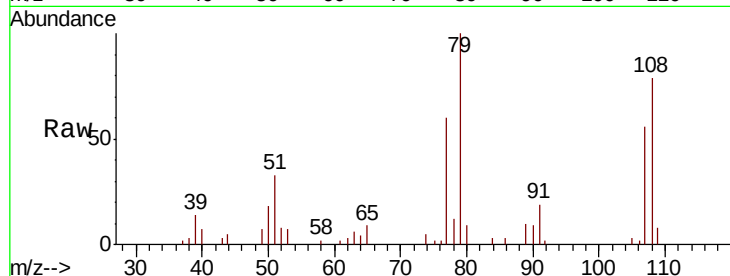
Tgt Ion: 79 Resp: 15855

Ion Ratio Lower Upper

79 100

108 79.3 65.8 98.8

77 60.3 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.044 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

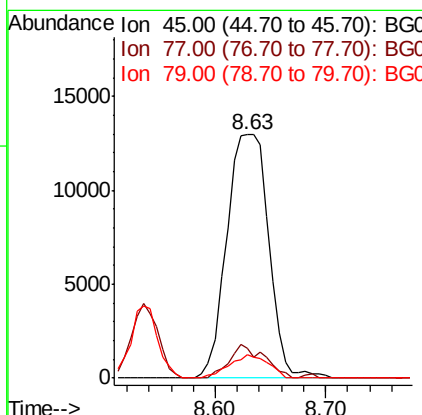
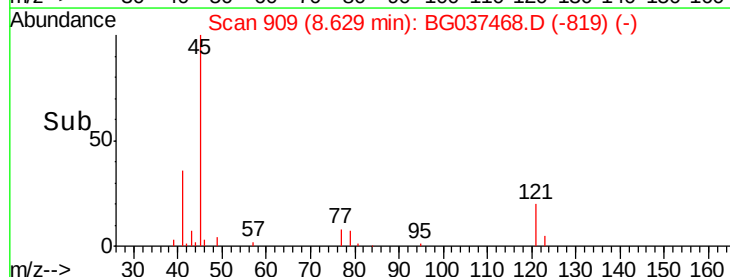
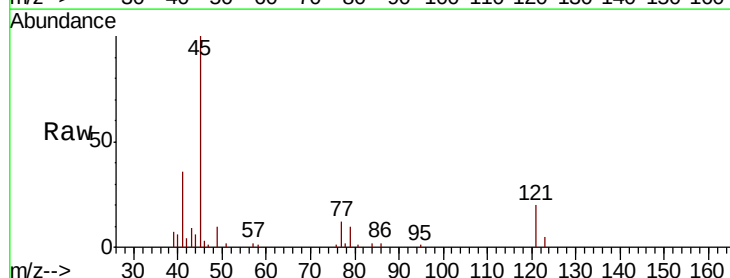
Tgt Ion: 45 Resp: 34501

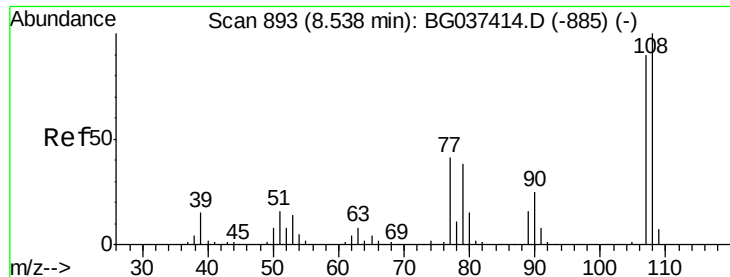
Ion Ratio Lower Upper

45 100

77 12.1 0.0 30.0

79 9.8 0.0 29.0

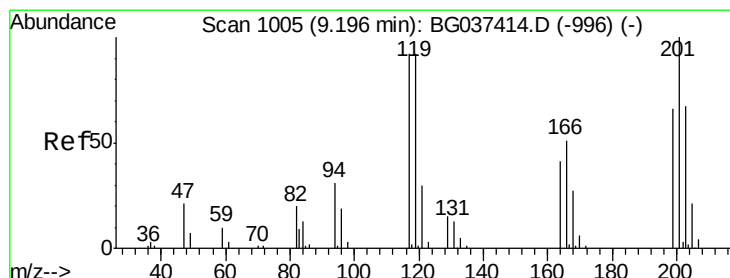
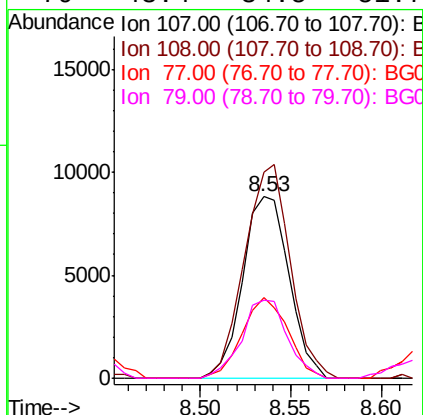
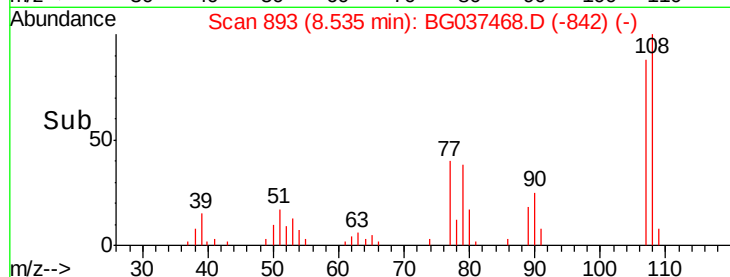
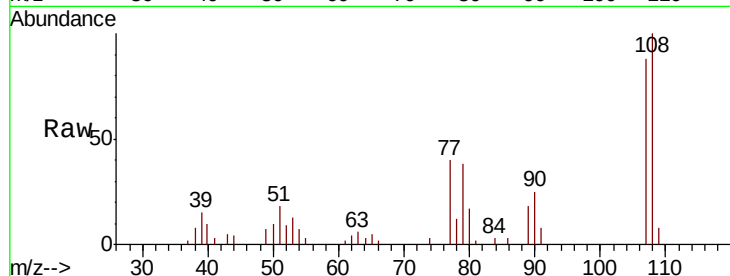




#17
2-Methylphenol
Concen: 4.714 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

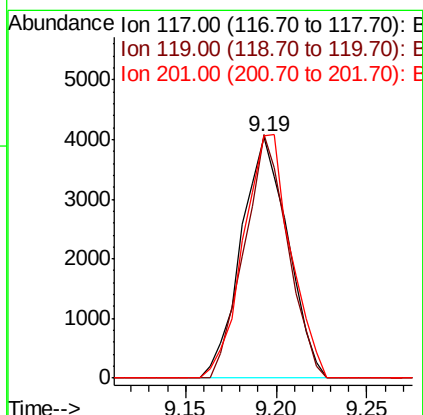
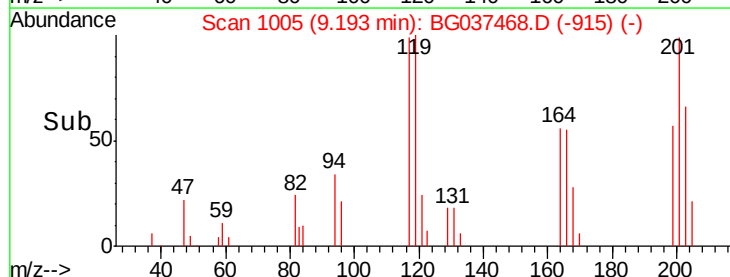
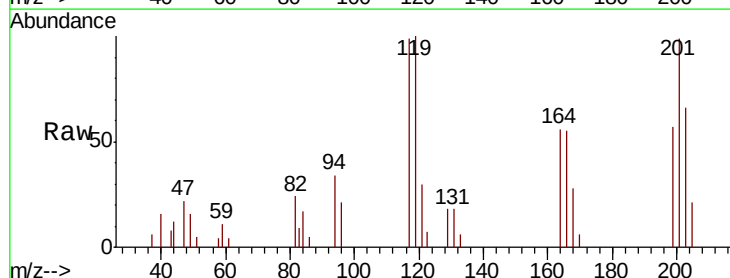
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

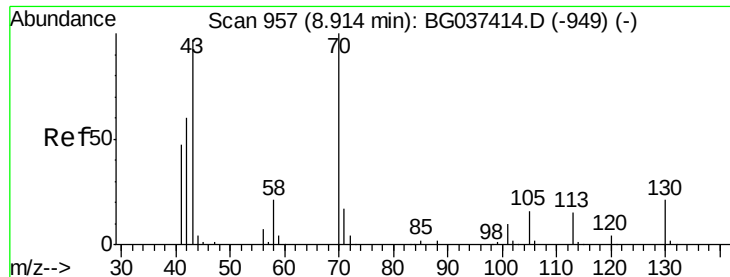
Tgt Ion:	107	Resp:	15684
Ion	Ratio	Lower	Upper
107	100		
108	113.6	87.9	131.9
77	44.9	35.1	52.7
79	43.4	34.5	51.7



#18
Hexachloroethane
Concen: 5.070 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:	117	Resp:	7264
Ion	Ratio	Lower	Upper
117	100		
119	100.7	74.6	111.8
201	100.2	80.8	121.2

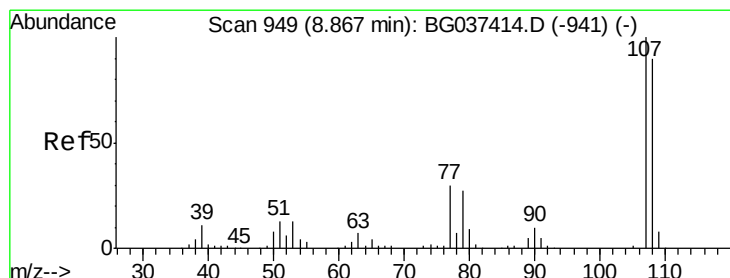
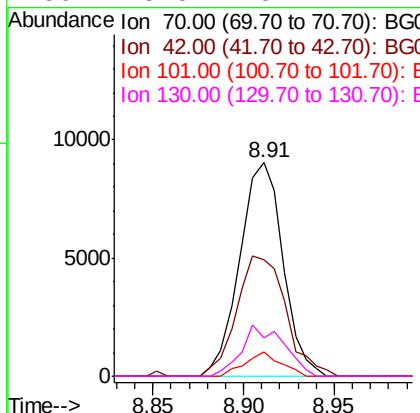
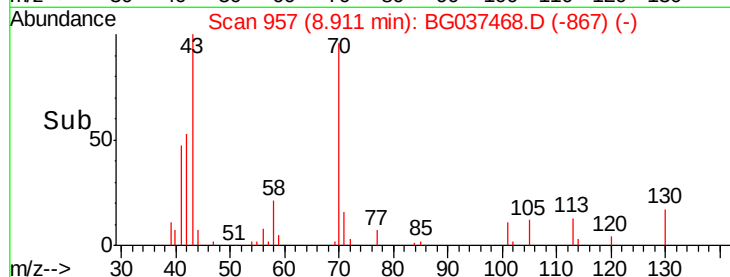
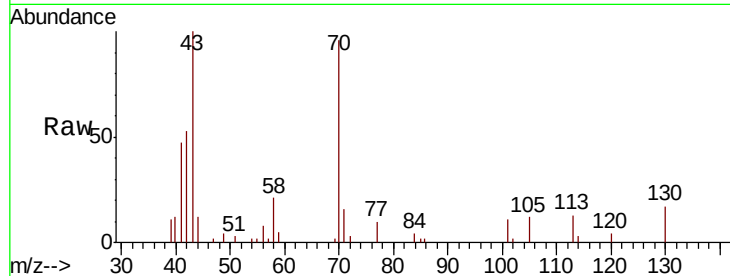




#19
n-Nitroso-di-n-propylamine
Concen: 4.555 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

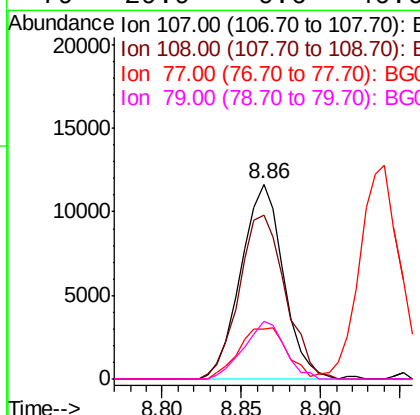
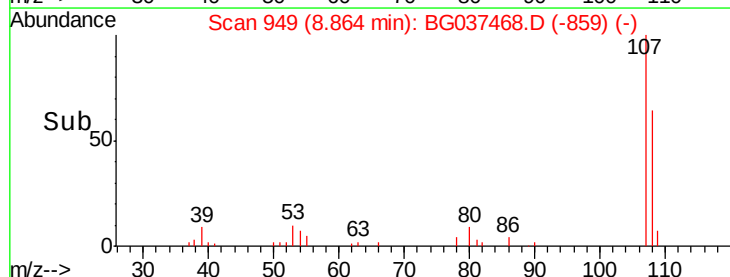
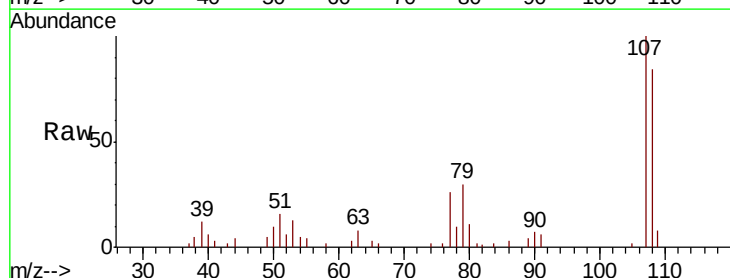
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

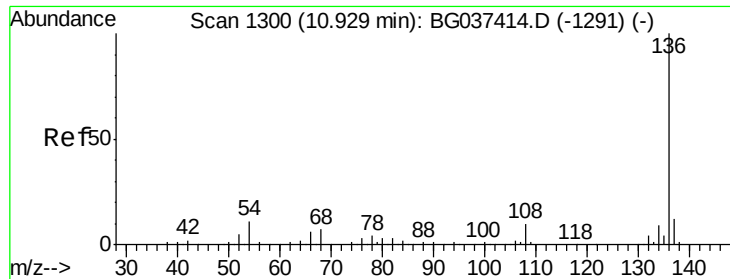
Tgt Ion: 70 Resp: 14961
Ion Ratio Lower Upper
70 100
42 54.8 53.9 80.9
101 11.4 8.2 12.2
130 18.0 18.2 27.4#



#20
3+4-Methylphenols
Concen: 4.556 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion: 107 Resp: 21673
Ion Ratio Lower Upper
107 100
108 84.1 69.9 109.9
77 25.9 11.2 51.2
79 29.9 6.6 46.6

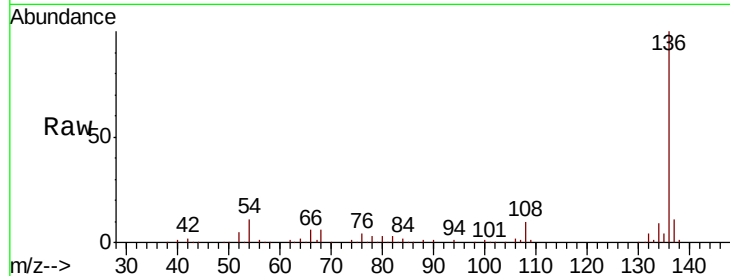




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

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

Tgt Ion:	136	Resp:	244784
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.6	7.9	11.9
68	6.2	4.8	7.2



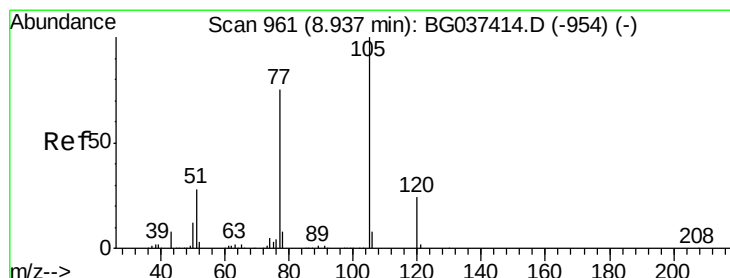
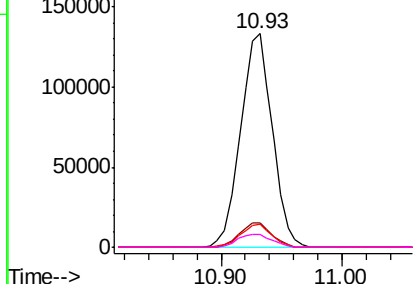
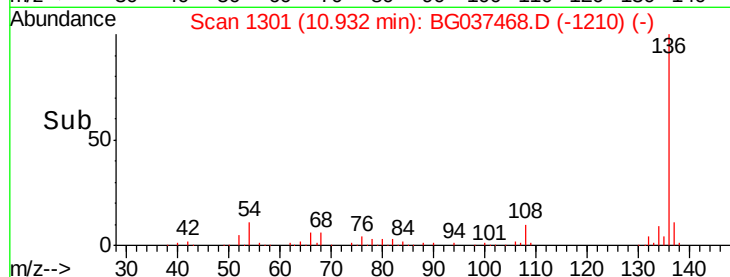
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

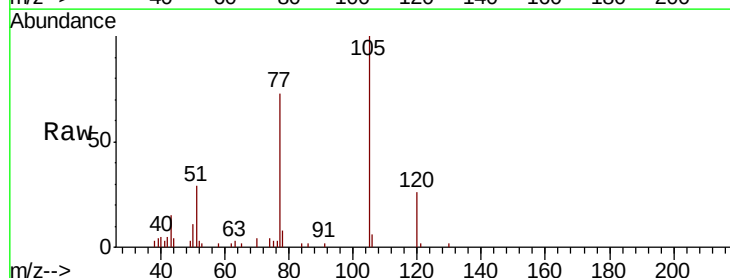
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 4.813 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:	105	Resp:	29549
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	28.5	25.0	37.6
120	26.3	18.6	28.0



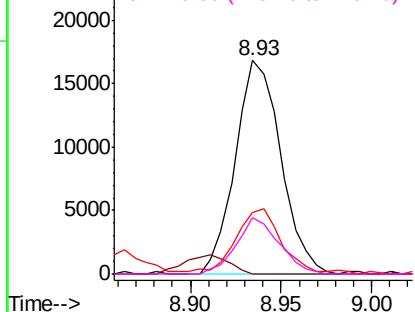
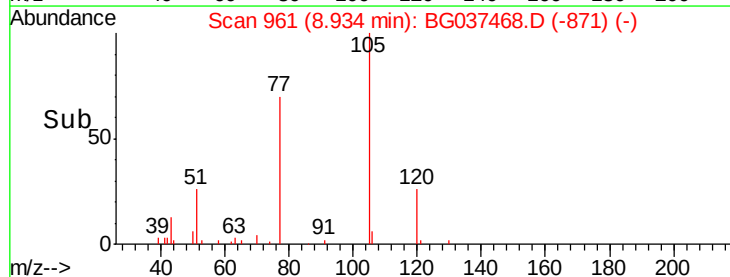
Abundance

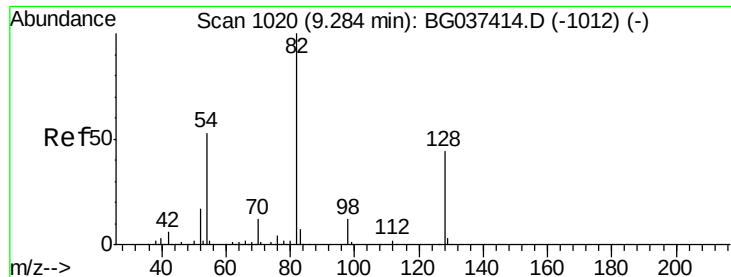
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

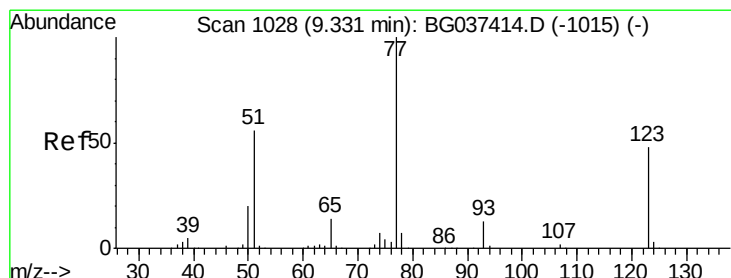
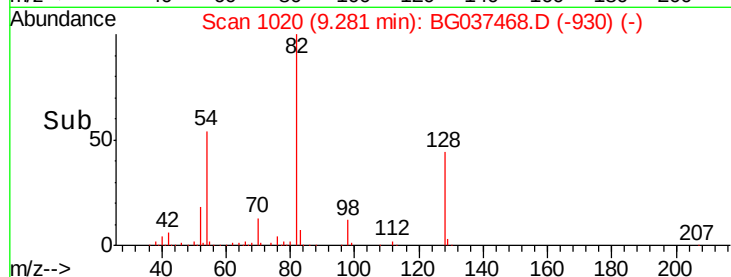
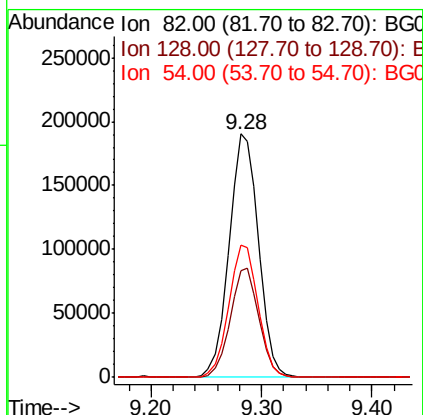
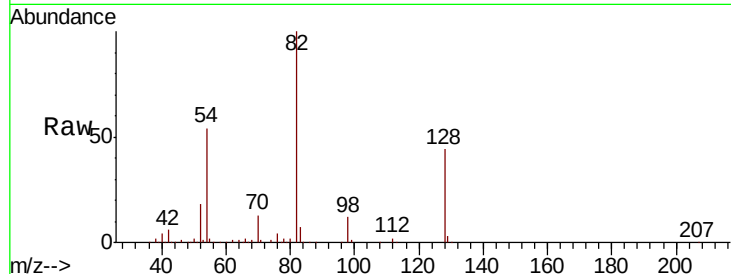




#23
 Nitrobenzene-d5
 Concen: 81.213 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

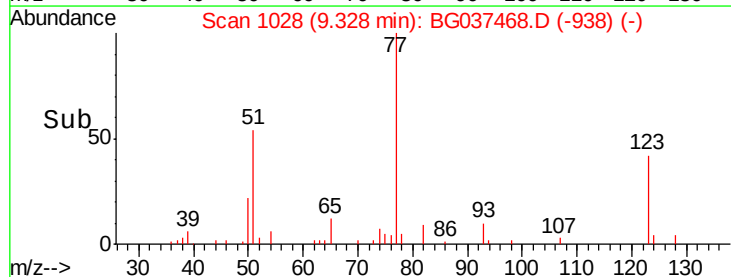
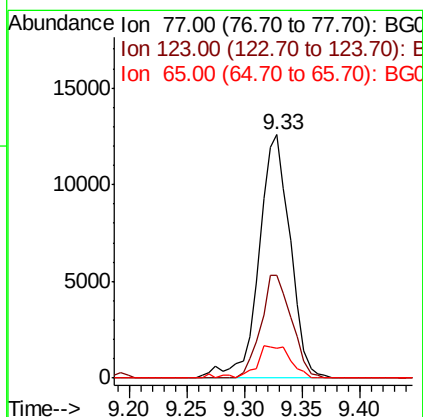
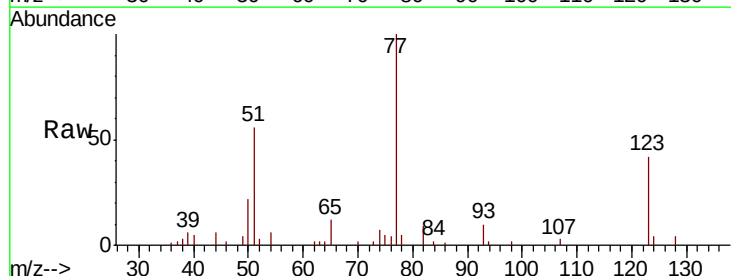
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

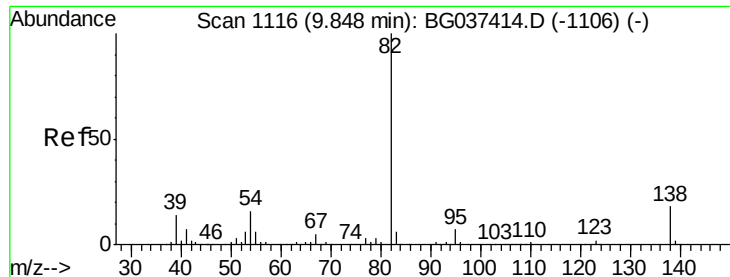
Tgt Ion: 82 Resp: 354872
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 51.8
 54 54.5 45.3 67.9



#24
 Nitrobenzene
 Concen: 5.228 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 77 Resp: 23731
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.6 50.4
 65 12.0 11.3 16.9

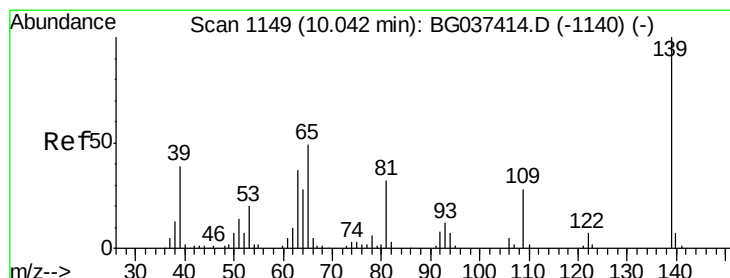
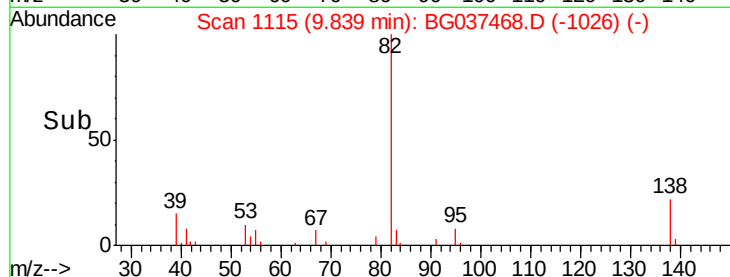
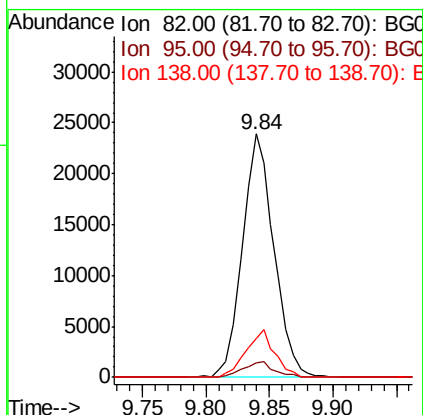
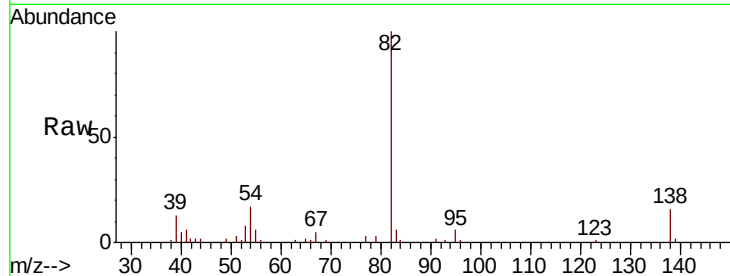




#25
Isophorone
Concen: 5.141 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

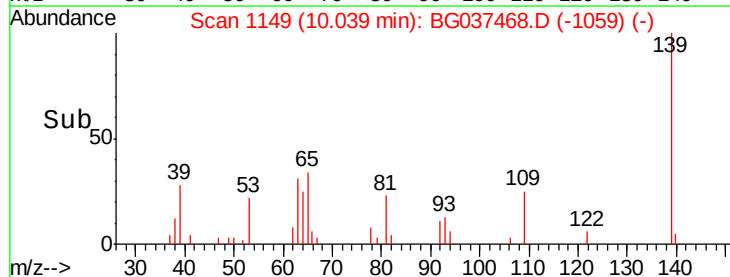
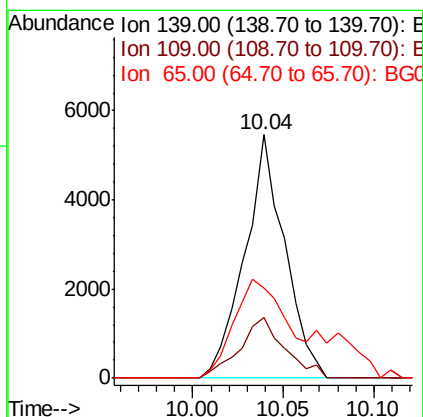
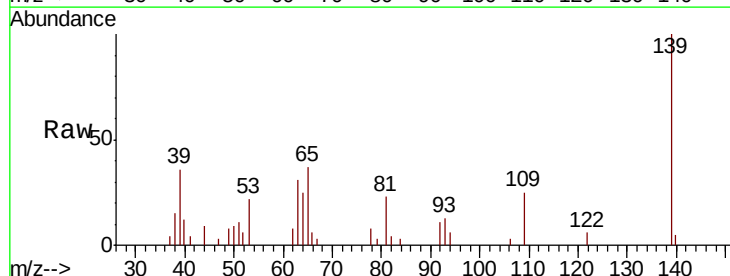
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

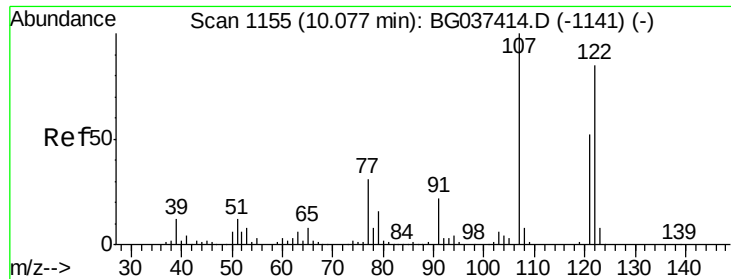
Tgt Ion: 82 Resp: 41045
Ion Ratio Lower Upper
82 100
95 6.2 5.3 7.9
138 16.0 13.3 19.9



#26
2-Nitrophenol
Concen: 4.096 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion: 139 Resp: 8377
Ion Ratio Lower Upper
139 100
109 24.8 23.3 34.9
65 37.1 39.8 59.8#

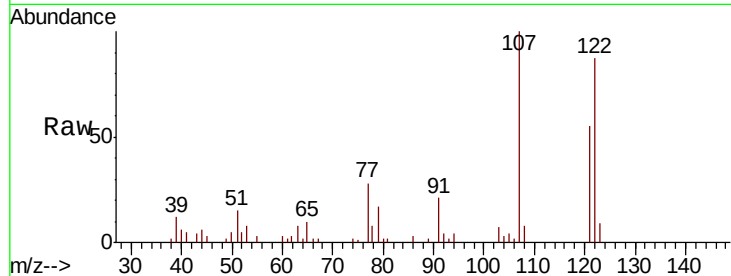




#27
 2,4-Dimethylphenol
 Concen: 4.690 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.2	141.2
121	63.2	47.3	70.9

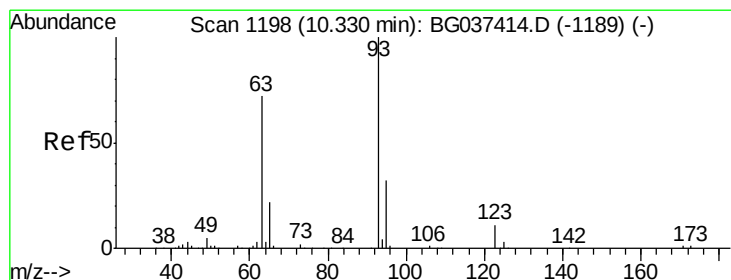
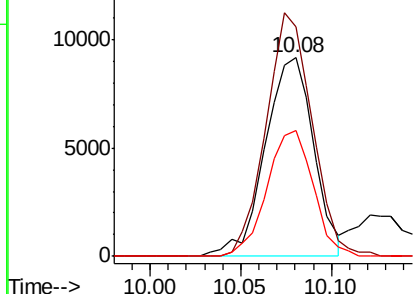
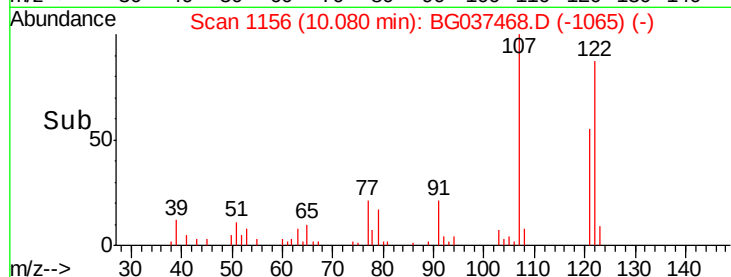


Abundance

Ion 122.00 (121.70 to 122.70): E

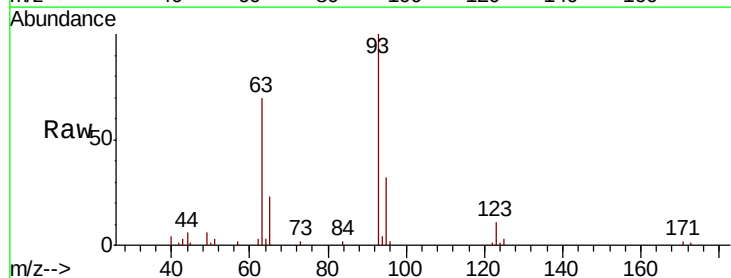
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.016 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	10.6	9.1	13.7

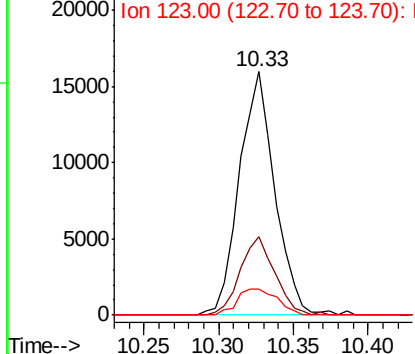
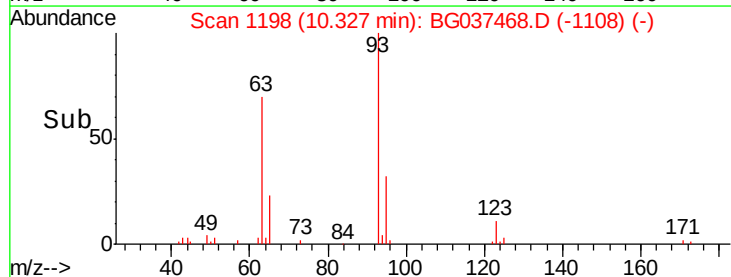


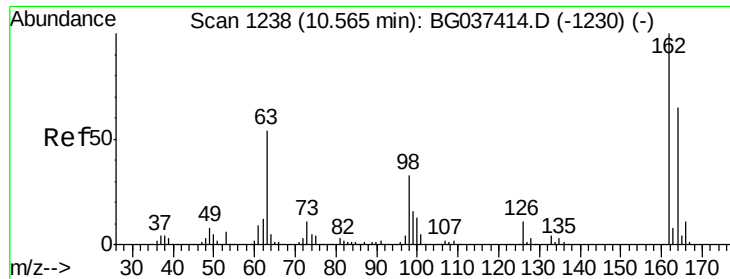
Abundance

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: 4.408 ng

RT: 10.56 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

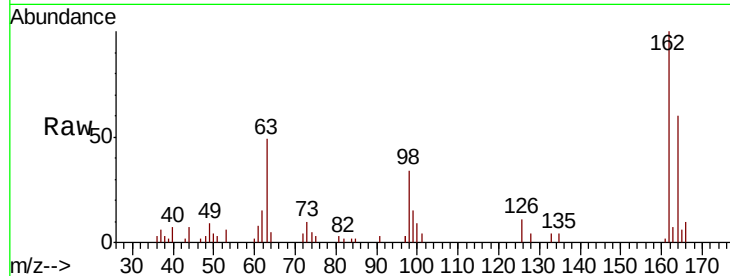
Tgt Ion:162 Resp: 17922

Ion Ratio Lower Upper

162 100

164 60.0 43.2 83.2

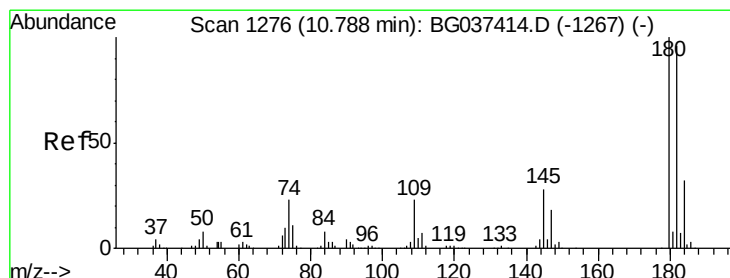
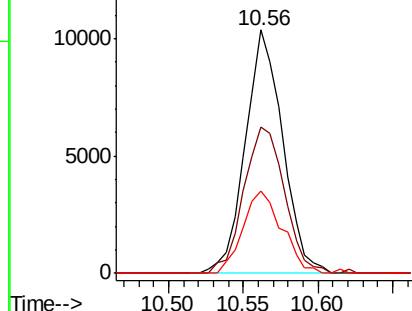
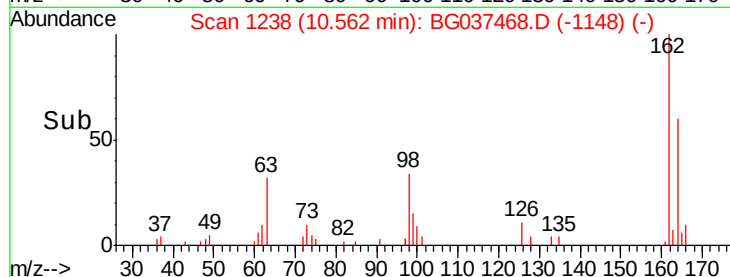
98 33.8 16.0 56.0



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: 4.725 ng

RT: 10.79 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

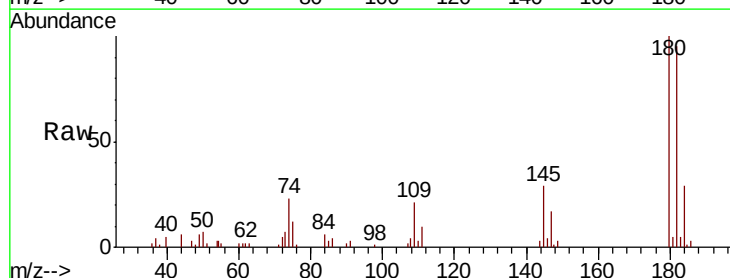
Tgt Ion:180 Resp: 20887

Ion Ratio Lower Upper

180 100

182 95.1 77.7 116.5

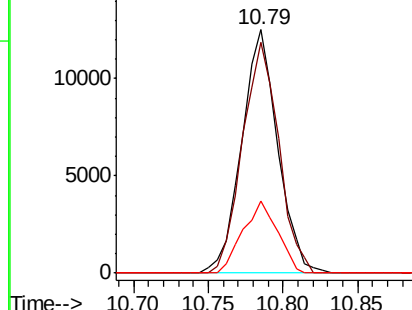
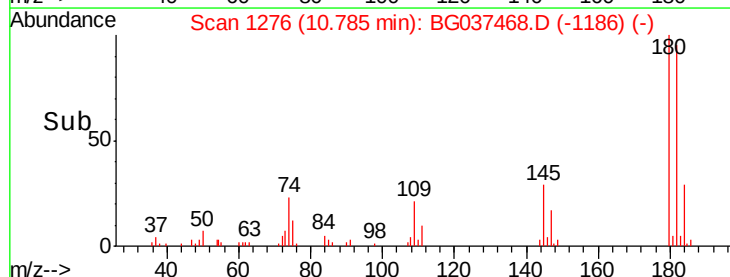
145 29.4 23.3 34.9

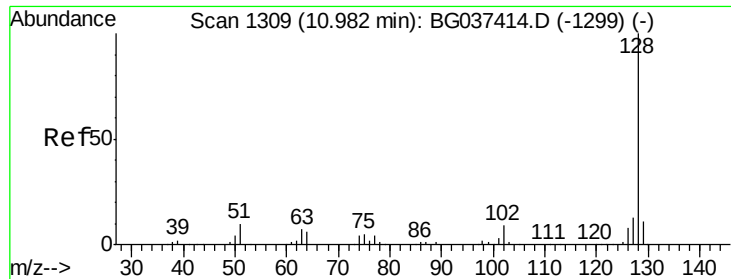


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

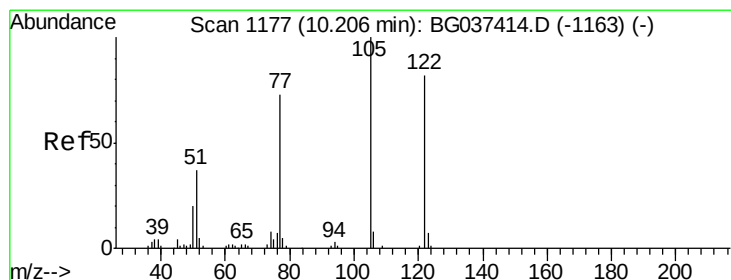
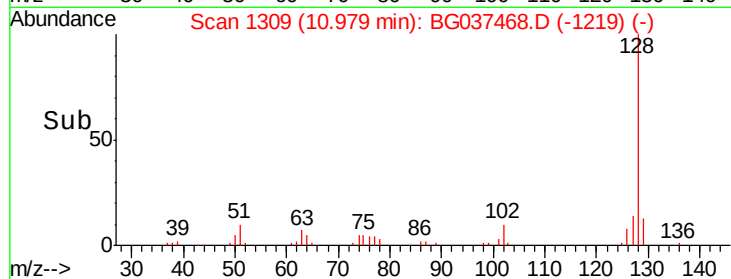
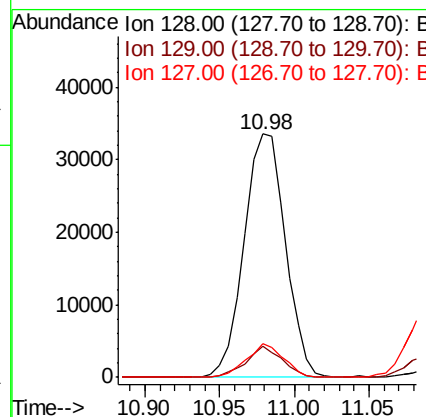
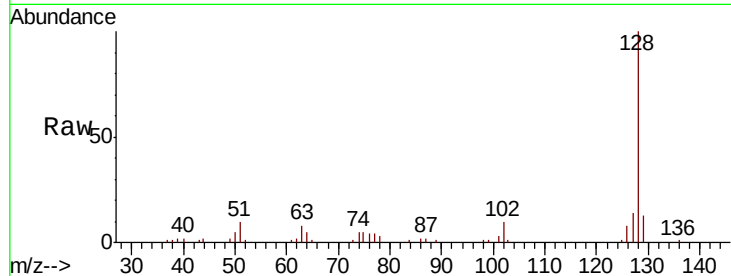




#31
Naphthalene
Concen: 5.340 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

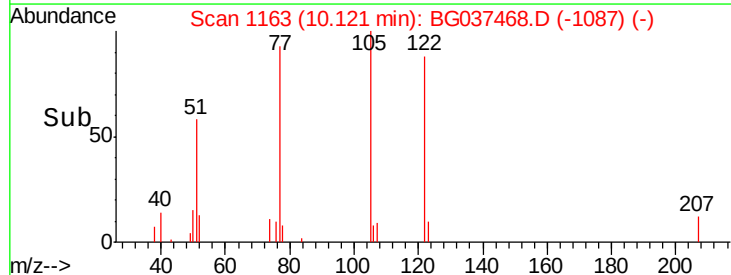
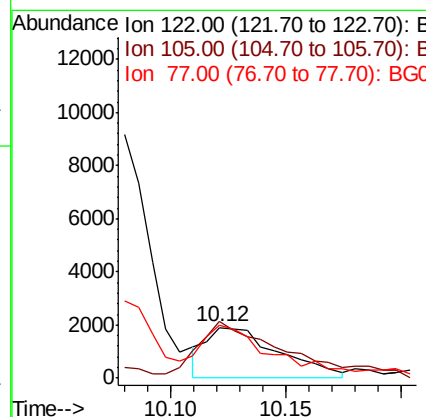
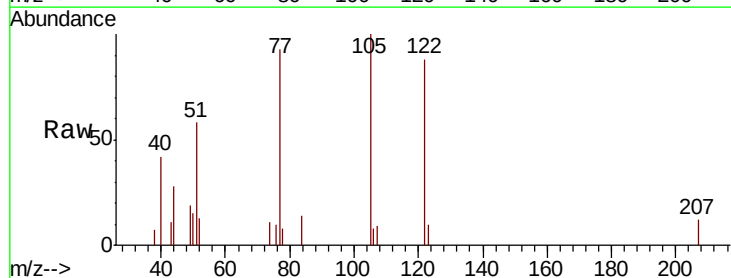
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

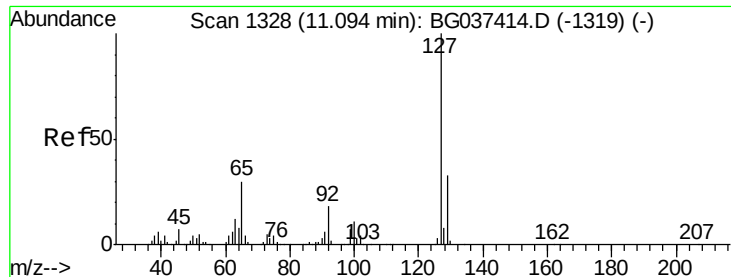
Tgt Ion:128 Resp: 64207
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 1.758 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.09 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:122 Resp: 4170
Ion Ratio Lower Upper
122 100
105 113.1 106.7 146.7
77 105.3 72.2 112.2

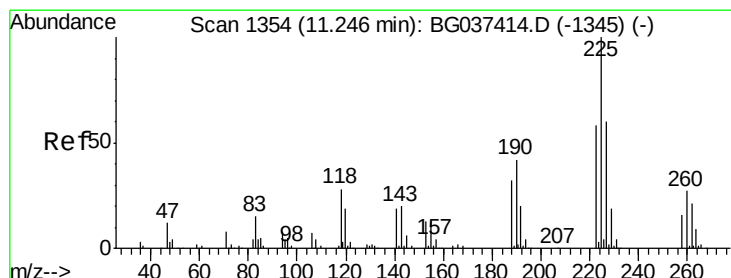
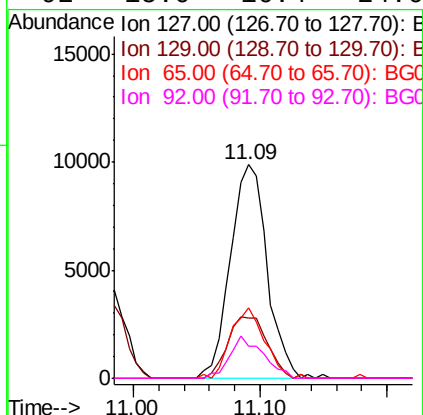
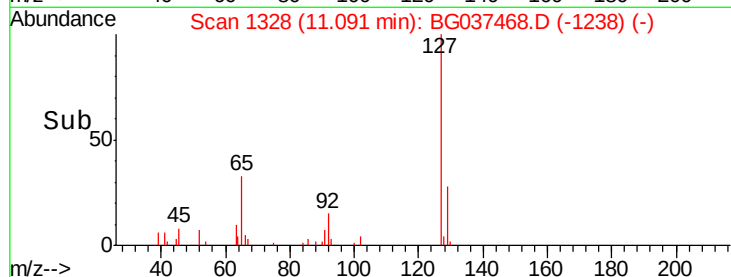
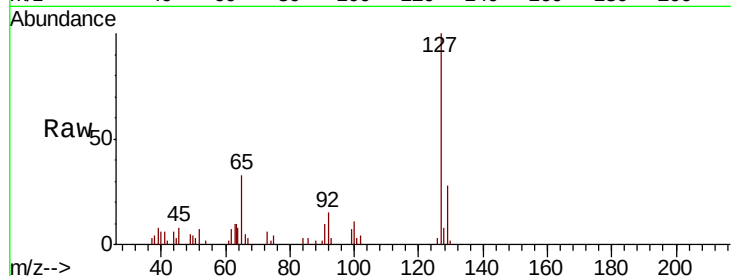




#33
4-Chloroaniline
Concen: 3.500 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

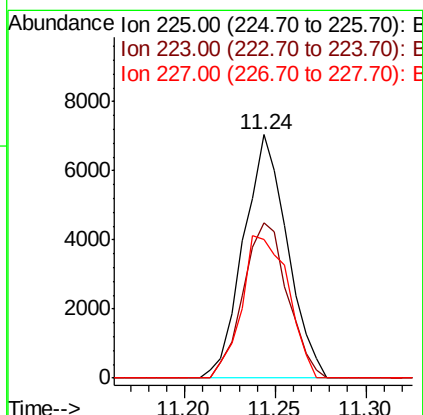
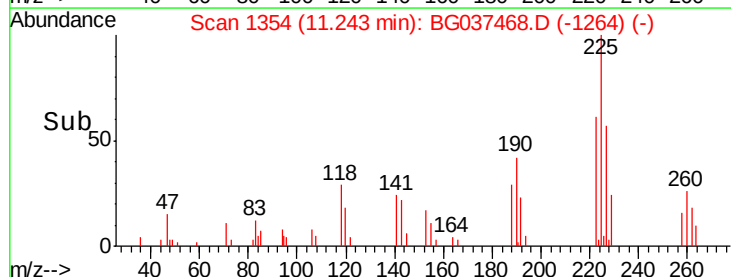
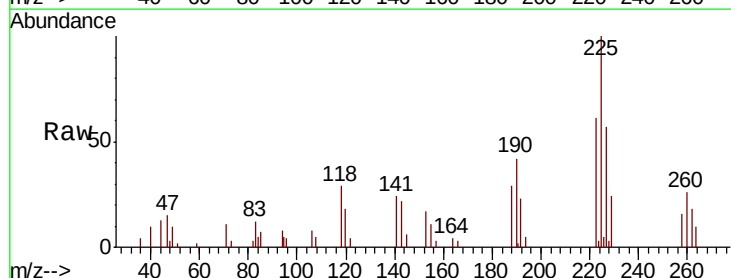
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

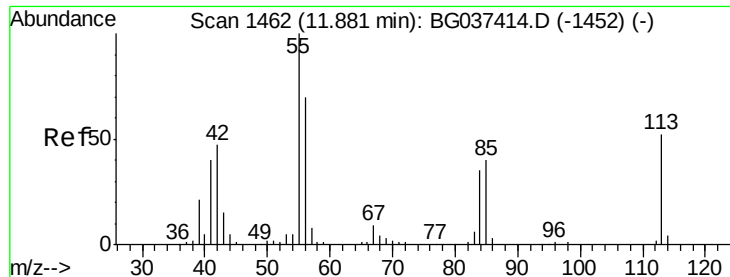
Tgt Ion:	127	Resp:	19772
Ion	Ratio	Lower	Upper
127	100		
129	28.2	27.1	40.7
65	33.2	26.6	39.8
92	15.0	16.4	24.6



#34
Hexachlorobutadiene
Concen: 4.515 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:	225	Resp:	11829
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.2	72.4
227	57.3	51.6	77.4

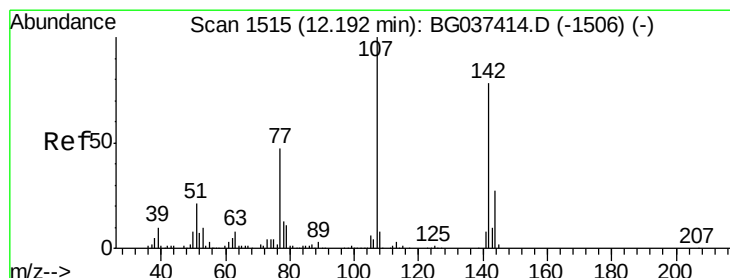
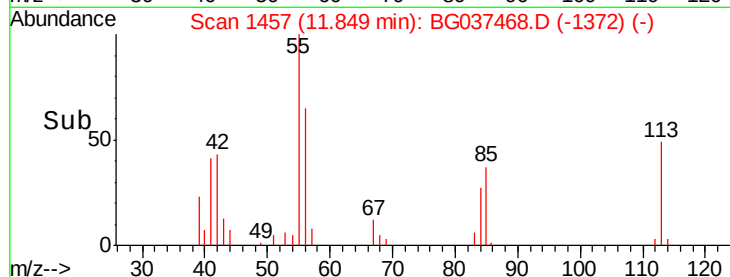
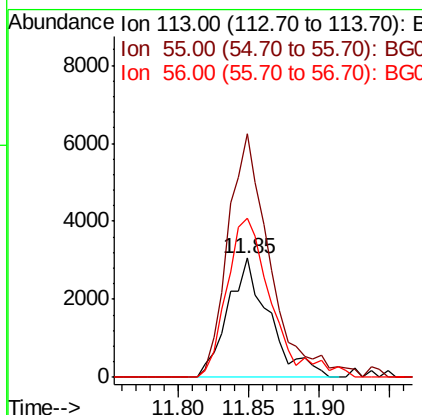
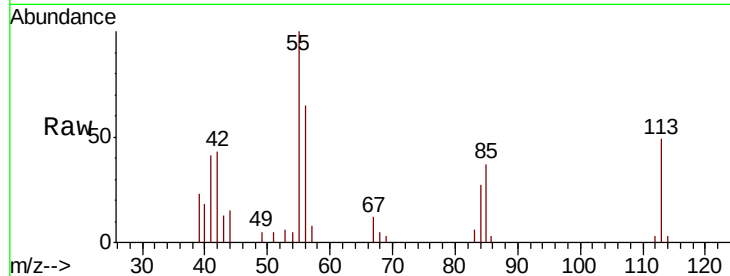




#35
 Caprolactam
 Concen: 3.852 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.03 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

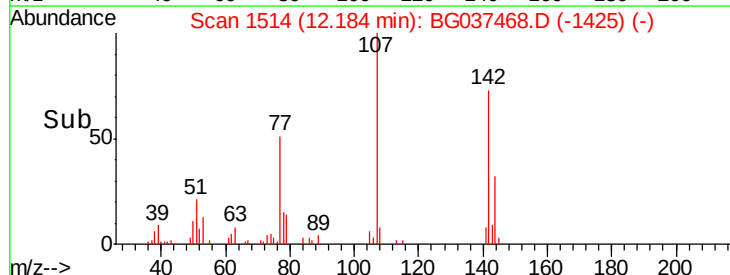
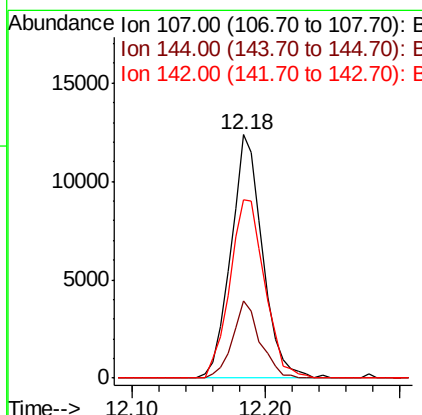
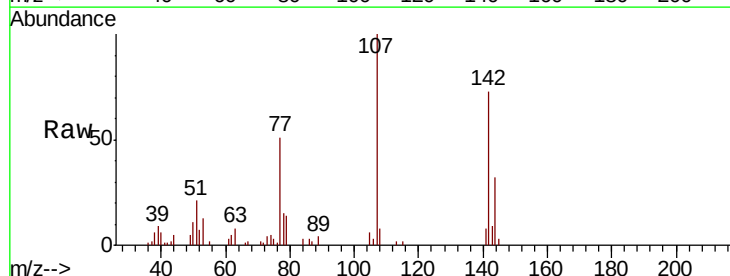
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

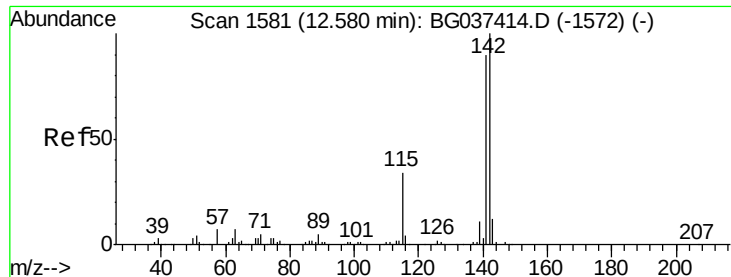
Tgt Ion: 113 Resp: 6281
 Ion Ratio Lower Upper
 113 100
 55 204.1 176.6 216.6
 56 133.3 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 4.446 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 107 Resp: 20386
 Ion Ratio Lower Upper
 107 100
 144 31.7 20.7 31.1#
 142 73.3 64.4 96.6

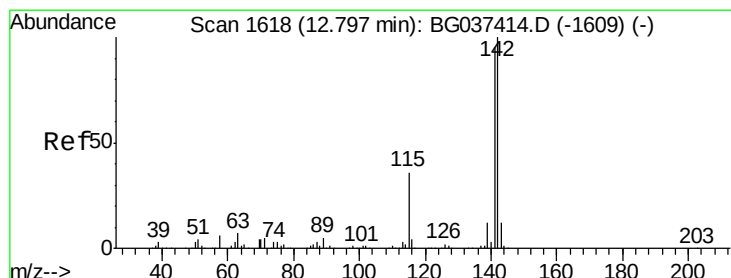
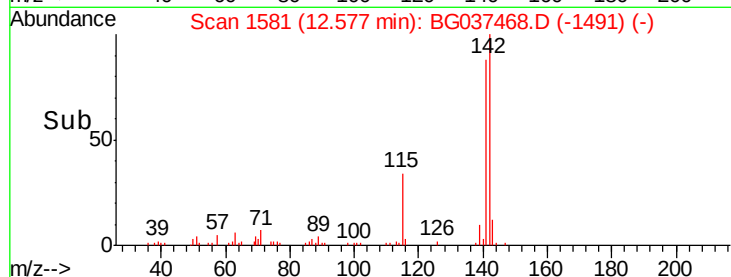
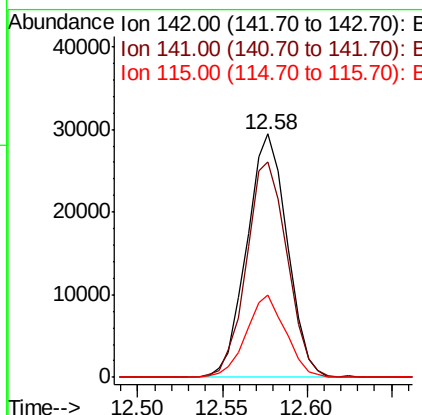
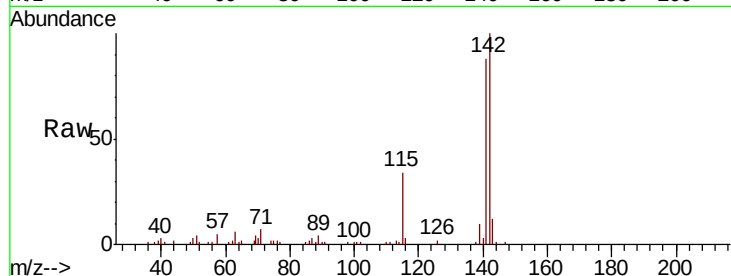




#37
 2-Methylnaphthalene
 Concen: 5.561 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

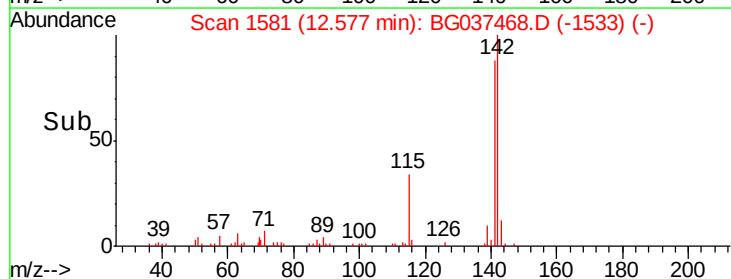
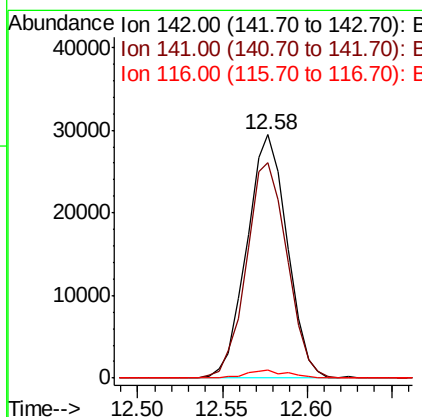
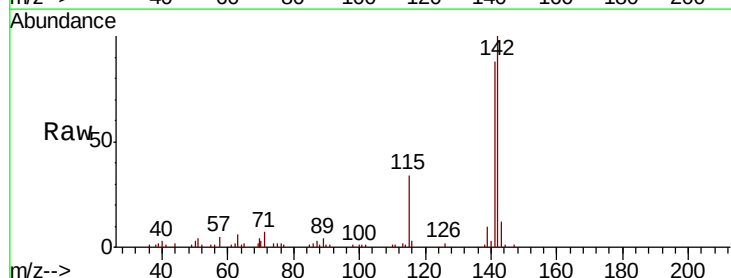
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

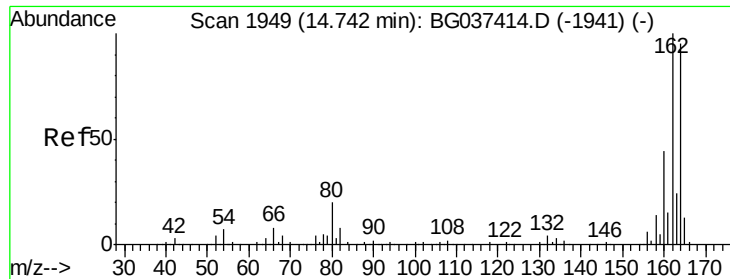
Tgt Ion:142 Resp: 48736
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9
 115 33.6 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 5.726 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.22 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion:142 Resp: 48736
 Ion Ratio Lower Upper
 142 100
 141 88.3 75.2 112.8
 116 3.4 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: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

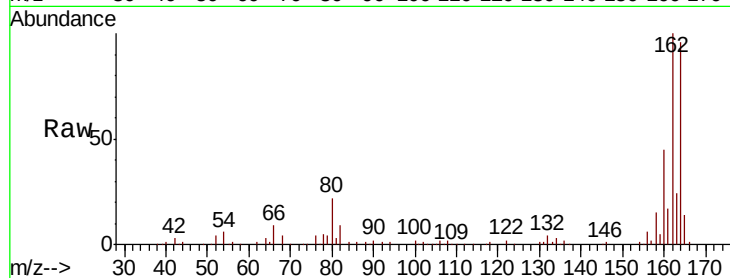
Tgt Ion:164 Resp: 161678

Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

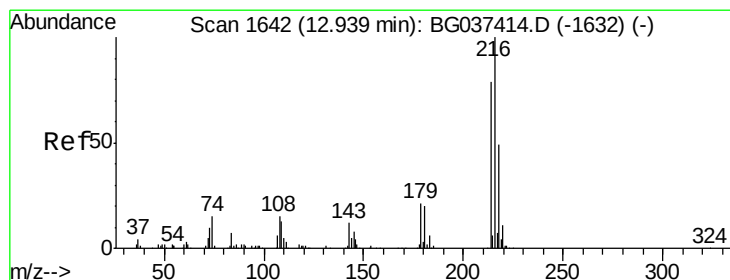
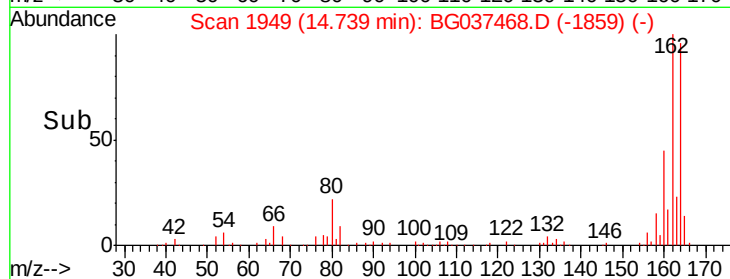
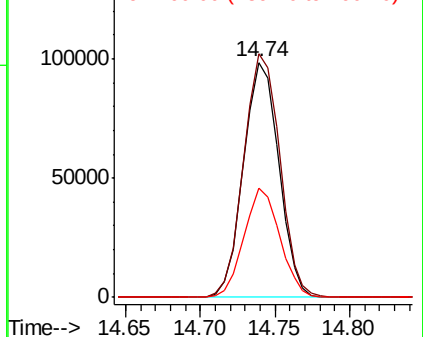
160 46.7 36.3 54.5



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: 4.629 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Tgt Ion:216 Resp: 24139

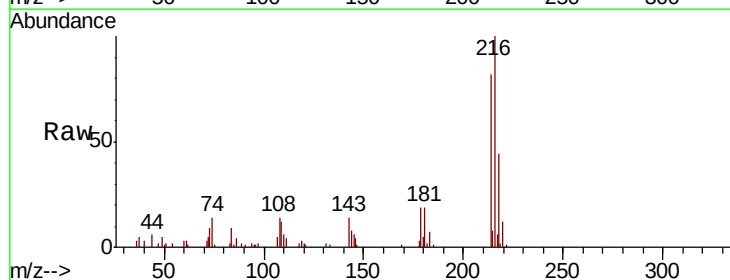
Ion Ratio Lower Upper

216 100

214 81.4 63.8 95.6

179 19.9 17.4 26.0

108 16.4 13.9 20.9

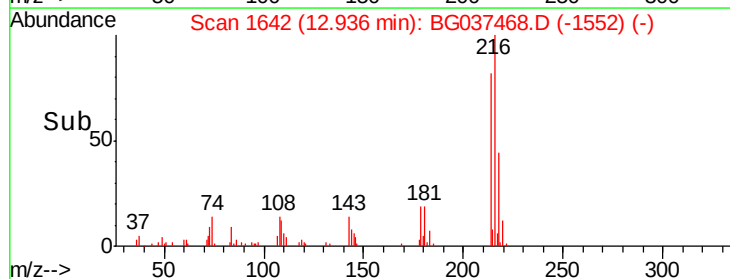
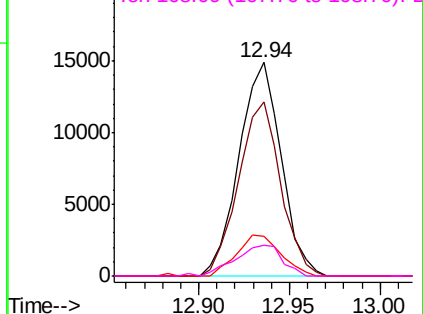


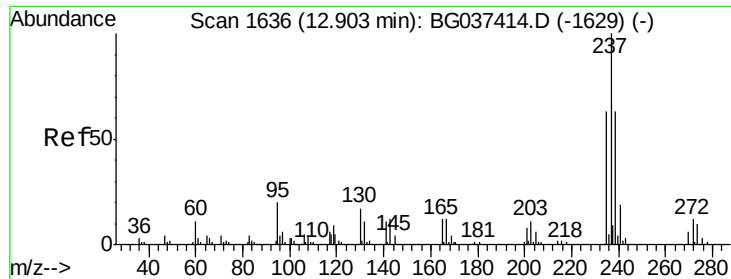
Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.857 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

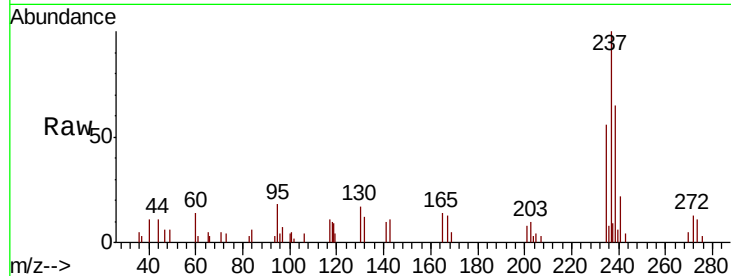
Tgt Ion: 237 Resp: 12099

Ion Ratio Lower Upper

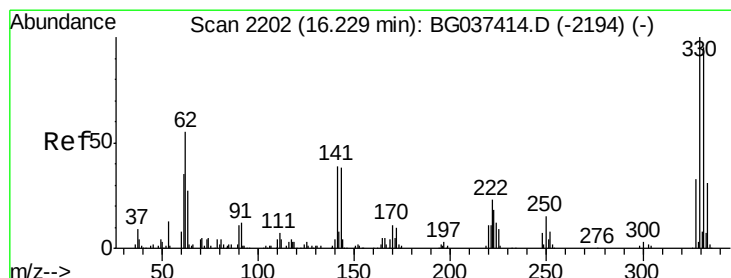
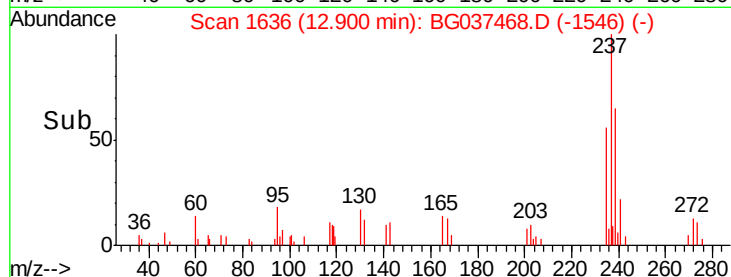
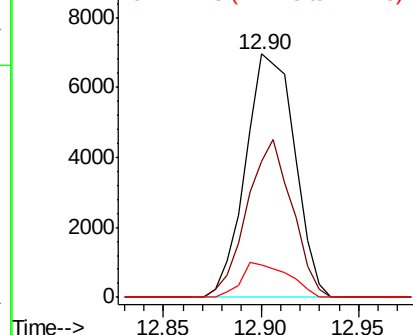
237 100

235 56.1 42.5 82.5

272 13.2 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: 135.496 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

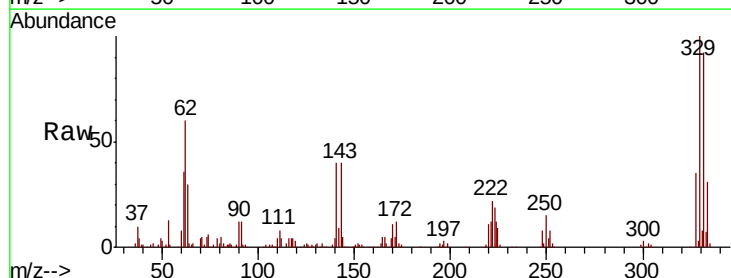
Tgt Ion: 330 Resp: 238934

Ion Ratio Lower Upper

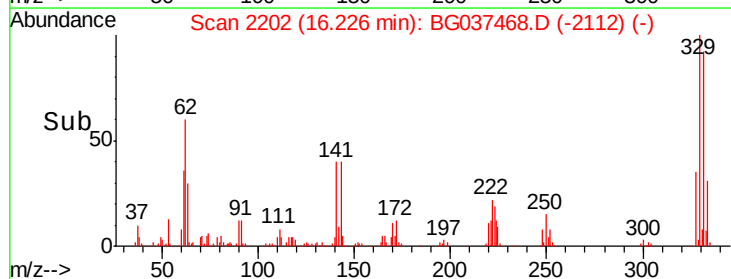
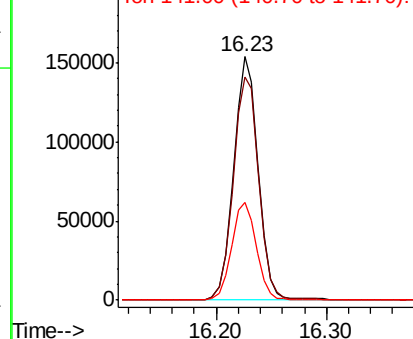
330 100

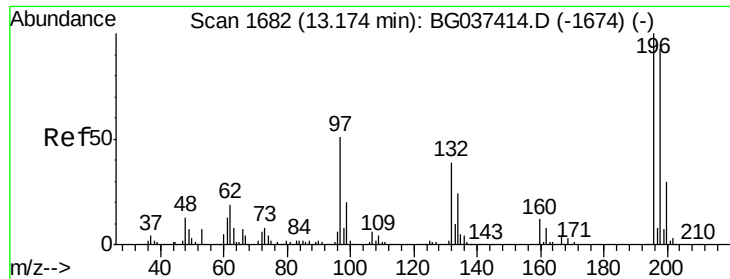
332 95.6 78.4 117.6

141 40.9 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

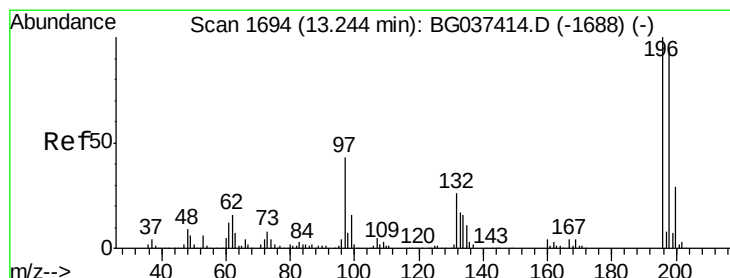
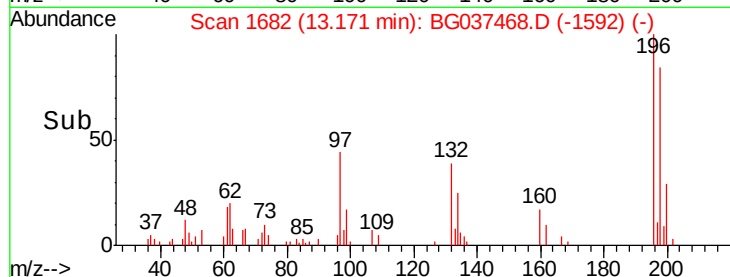
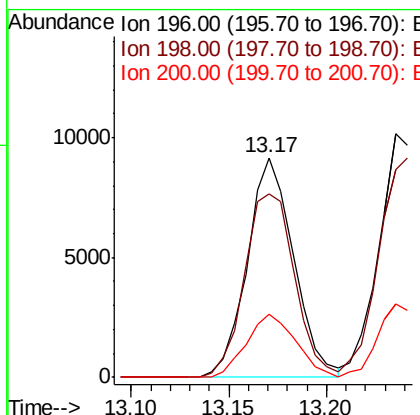
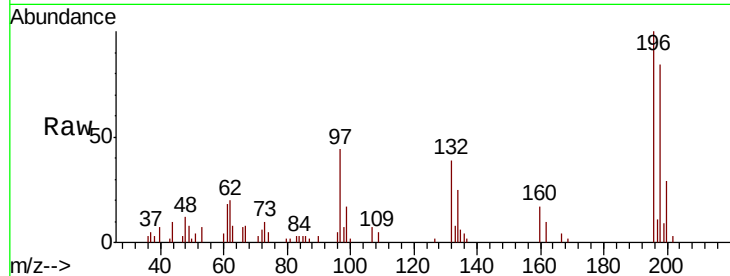




#43
 2,4,6-Trichlorophenol
 Concen: 4.323 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

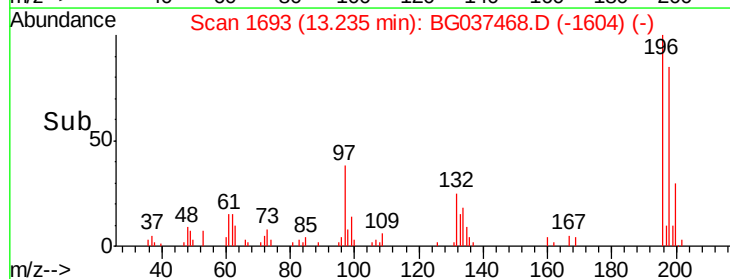
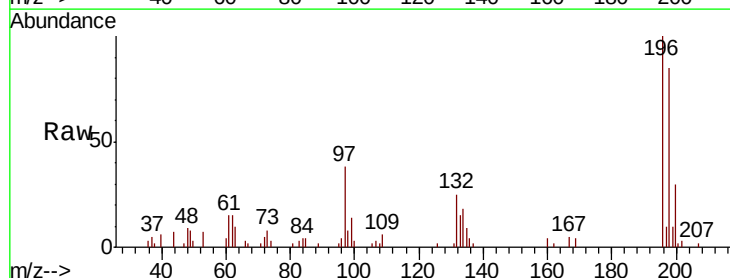
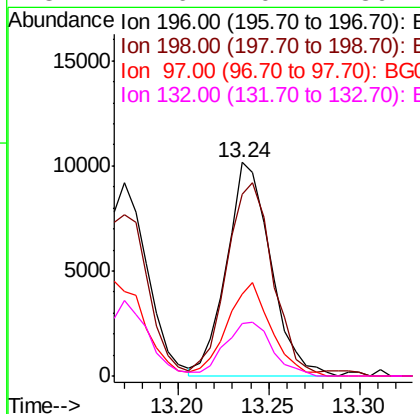
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

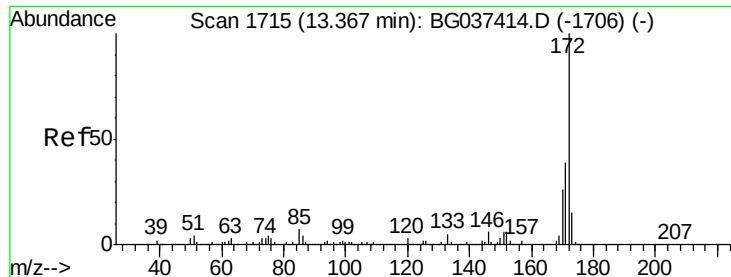
Tgt Ion:196 Resp: 15060
 Ion Ratio Lower Upper
 196 100
 198 83.7 76.4 114.6
 200 28.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 4.561 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion:196 Resp: 17301
 Ion Ratio Lower Upper
 196 100
 198 85.1 74.2 111.2
 97 38.5 34.1 51.1
 132 24.6 20.2 30.4

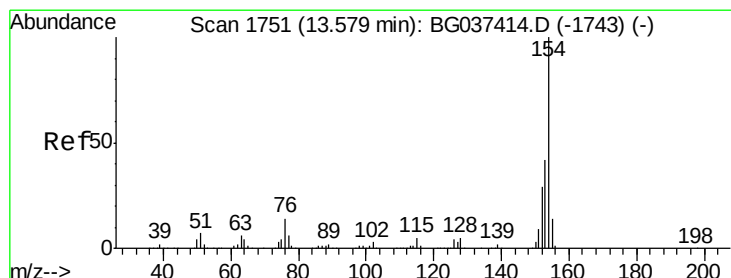
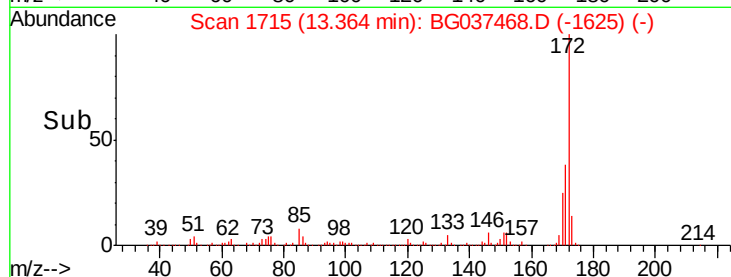
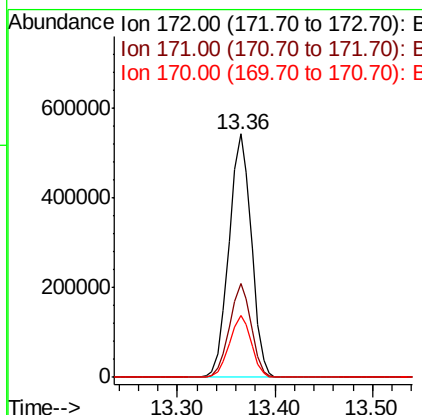
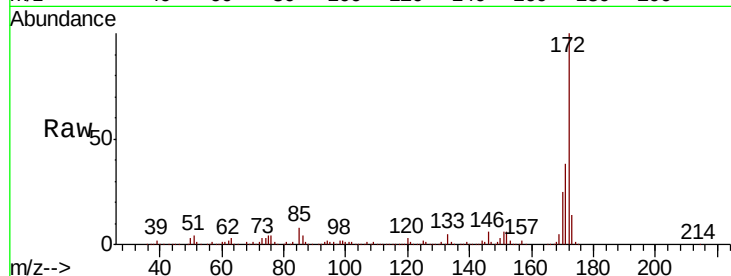




#45
2-Fluorobiphenyl
Concen: 80.186 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

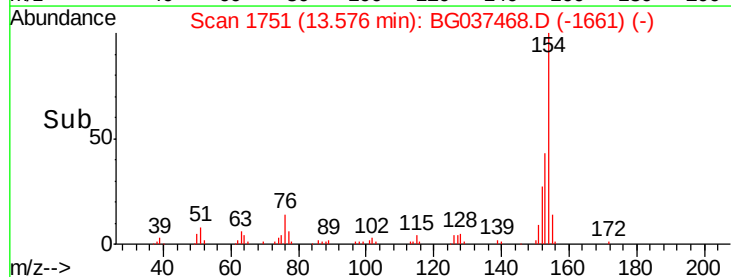
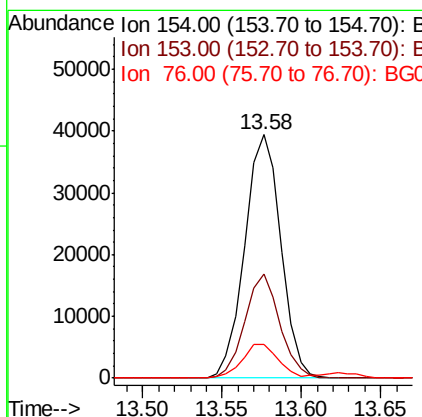
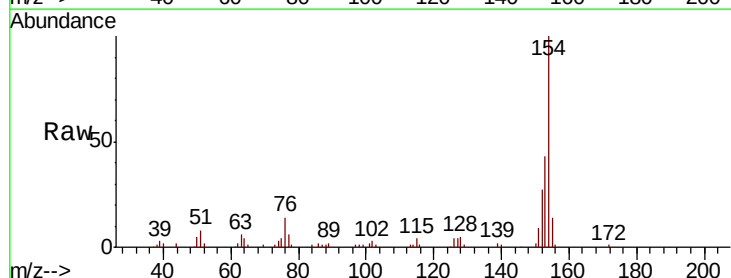
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

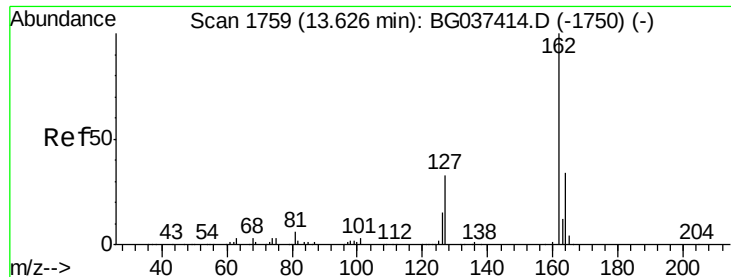
Tgt Ion:172 Resp: 859733
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 4.650 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:154 Resp: 62259
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 13.7 0.0 33.2

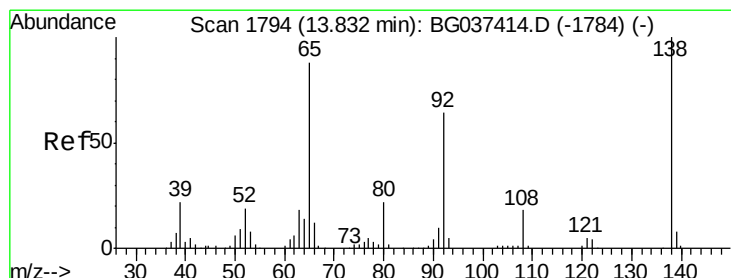
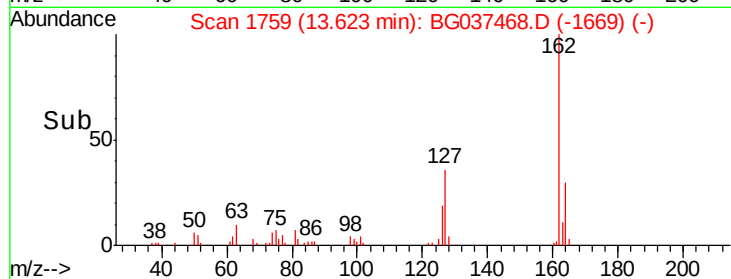
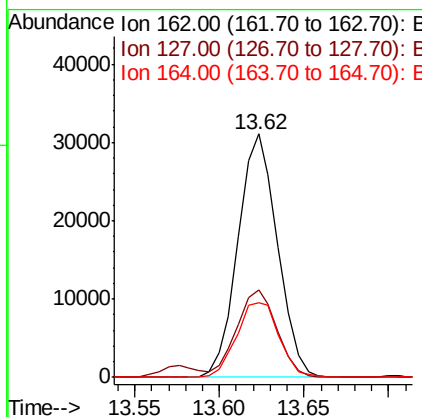
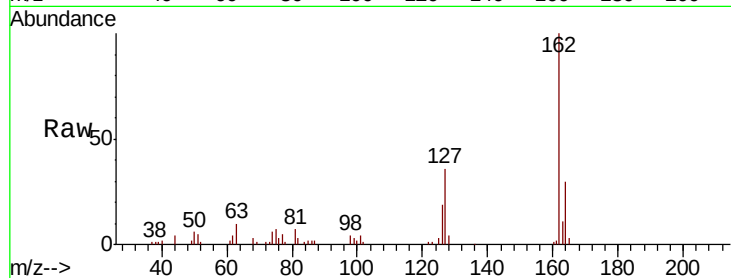




#47
2-Chloronaphthalene
Concen: 4.963 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

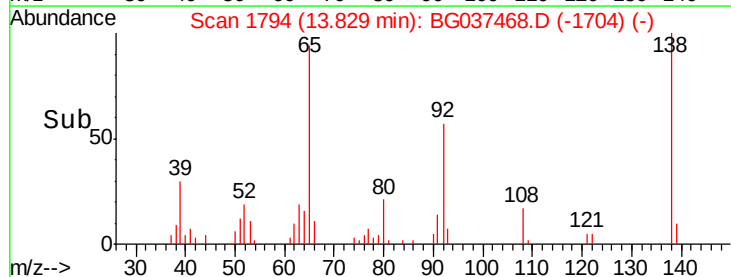
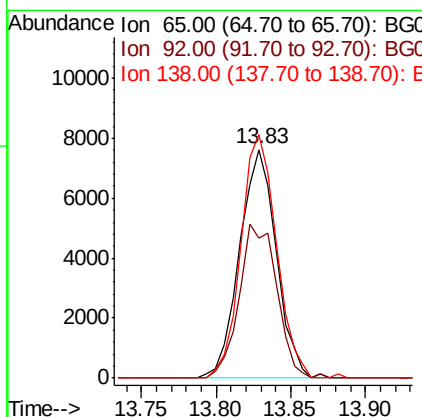
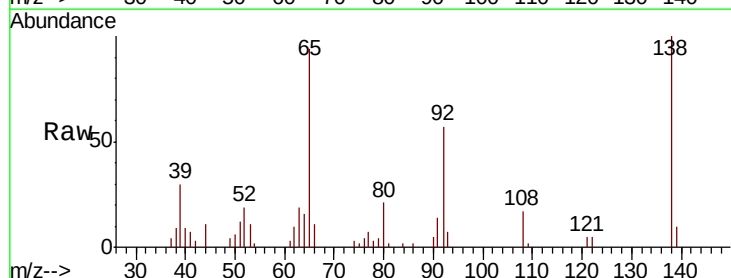
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

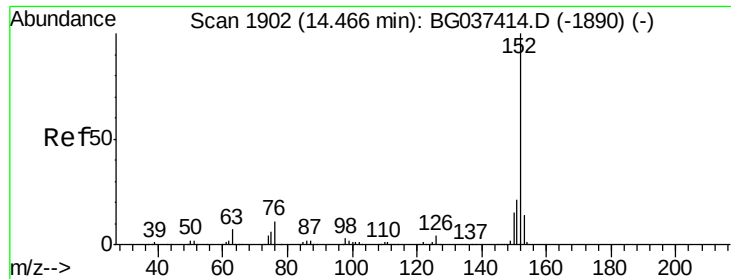
Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.5	45.7
164	30.5	26.4	39.6



#48
2-Nitroaniline
Concen: 4.233 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	53.2	79.8
138	106.4	79.3	118.9





#49

Acenaphthylene

Concen: 5.471 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

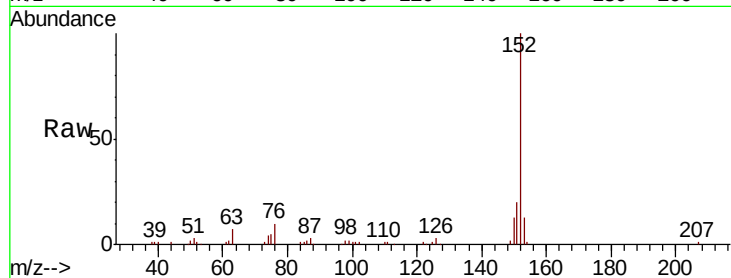
Tgt Ion:152 Resp: 83368

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

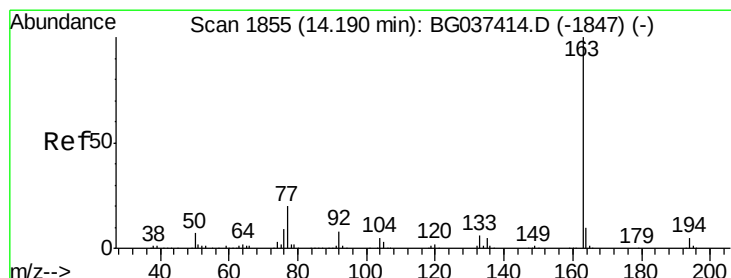
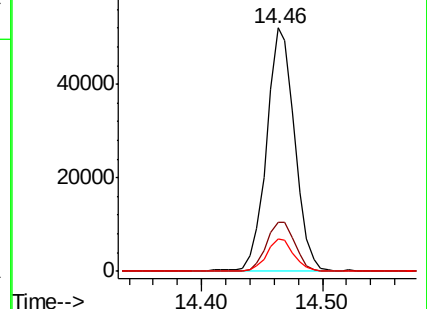
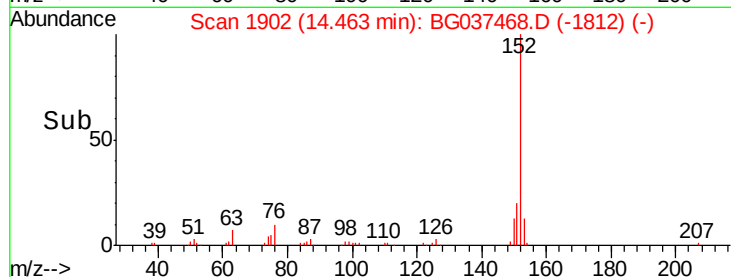
153 13.1 11.1 16.7



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: 5.101 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

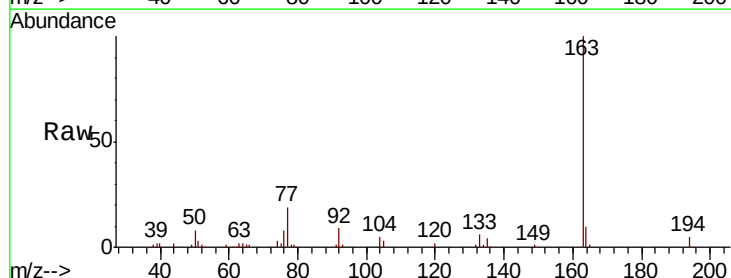
Tgt Ion:163 Resp: 63798

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

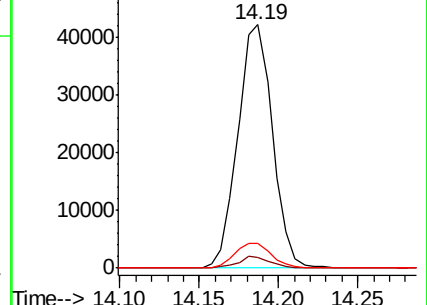
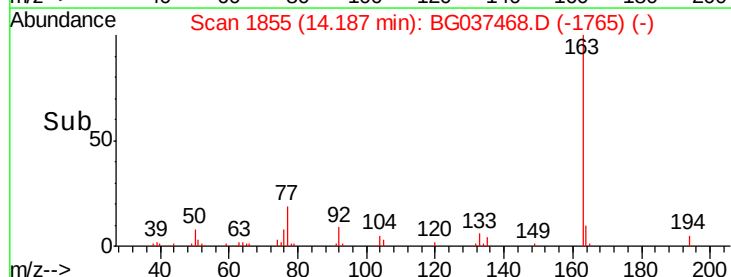
164 10.4 8.5 12.7

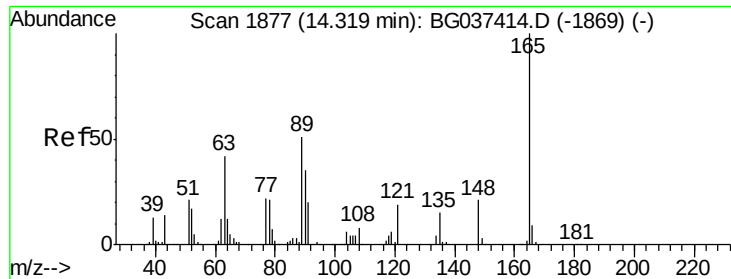


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

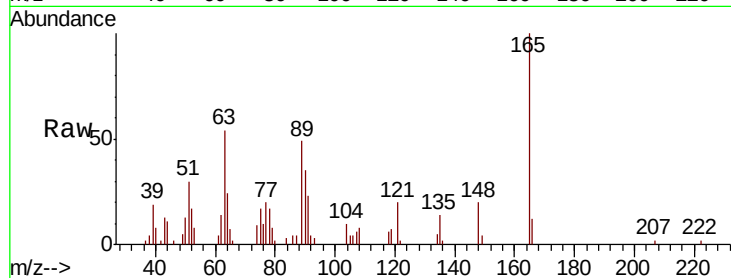




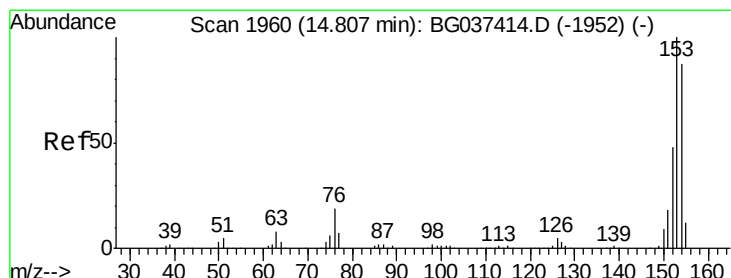
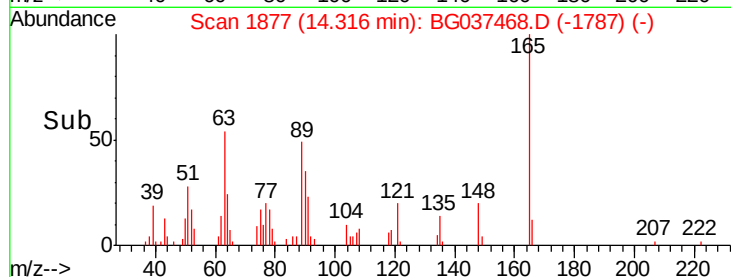
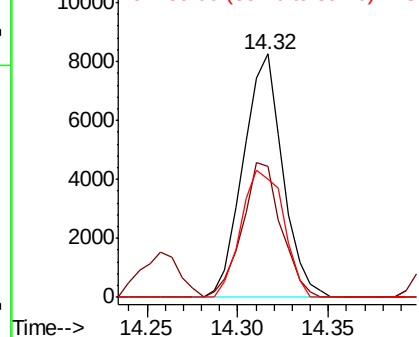
#51
 2,6-Dinitrotoluene
 Concen: 4.516 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion:165 Resp: 12496
 Ion Ratio Lower Upper
 165 100
 63 53.9 43.4 65.2
 89 48.5 45.8 68.6

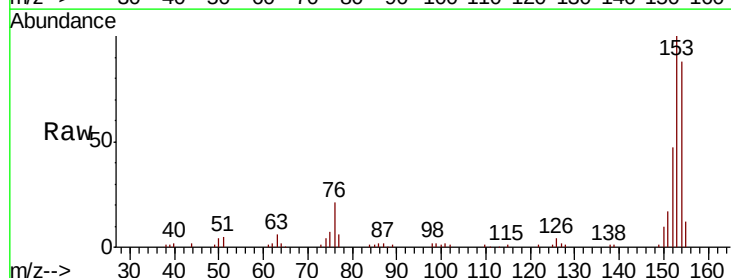


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

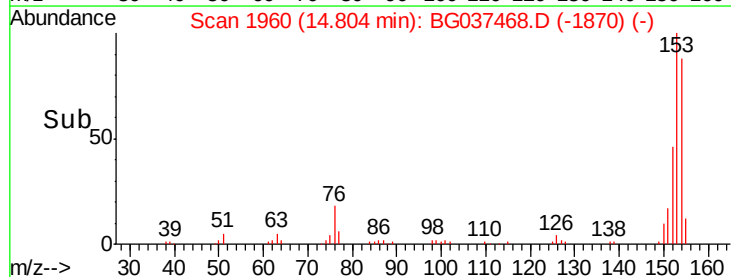
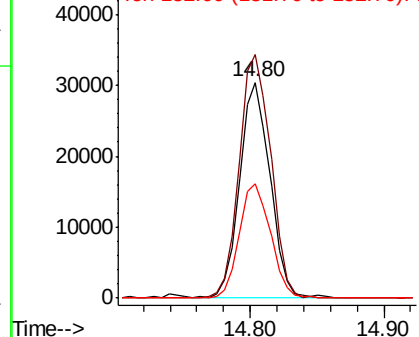


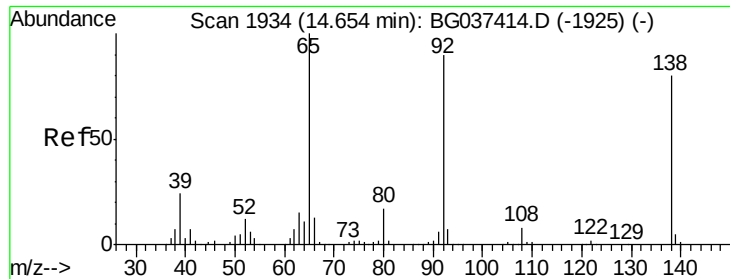
#52
 Acenaphthene
 Concen: 5.112 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion:154 Resp: 47975
 Ion Ratio Lower Upper
 154 100
 153 113.0 93.4 140.0
 152 53.1 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 4.113 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

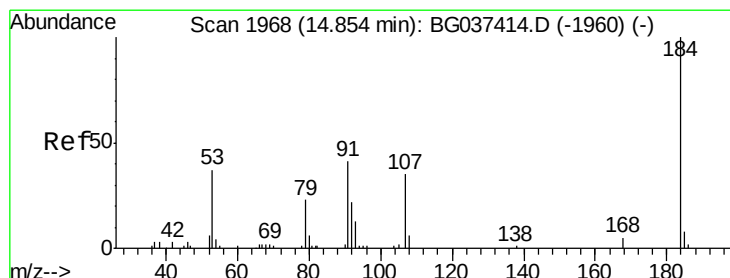
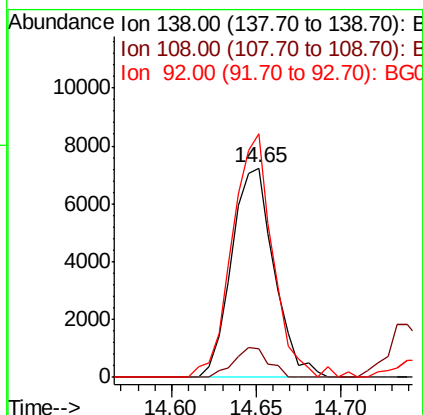
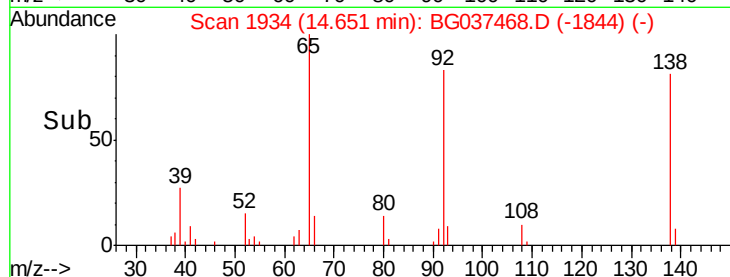
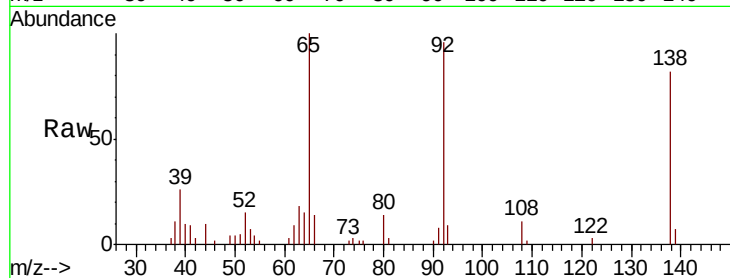
Tgt Ion:138 Resp: 12633

Ion Ratio Lower Upper

138 100

108 13.5 11.0 16.6

92 116.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 7.636 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

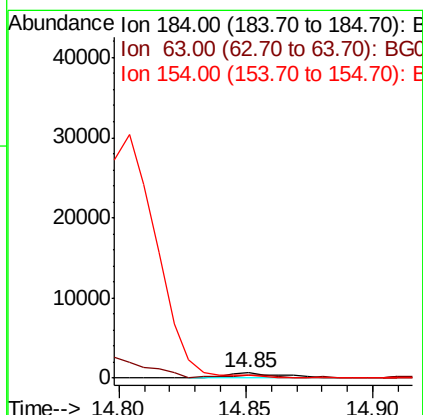
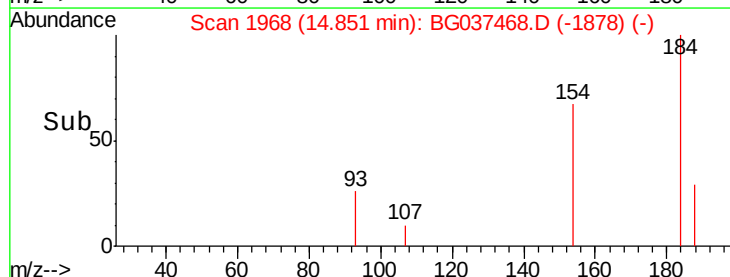
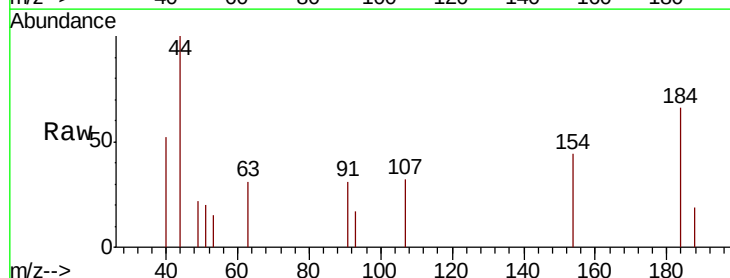
Tgt Ion:184 Resp: 973

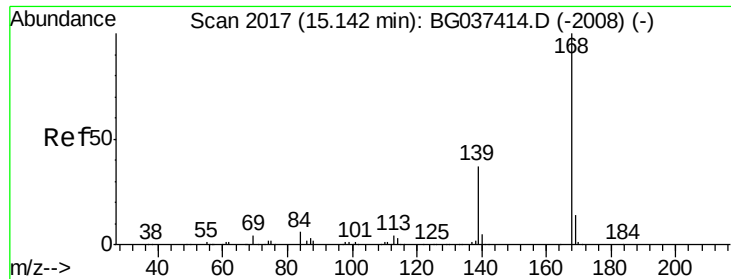
Ion Ratio Lower Upper

184 100

63 46.4 42.6 63.8

154 66.6 41.8 62.6#





#55

Dibenzenofuran

Concen: 5.257 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

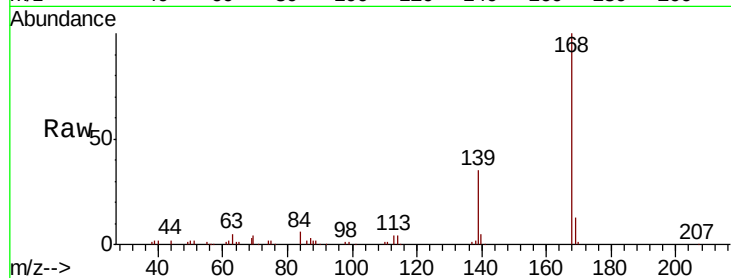
Tgt Ion:168 Resp: 81746

Ion Ratio Lower Upper

168 100

139 35.2 29.4 44.0

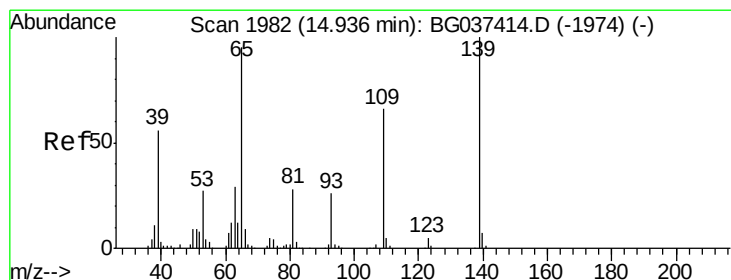
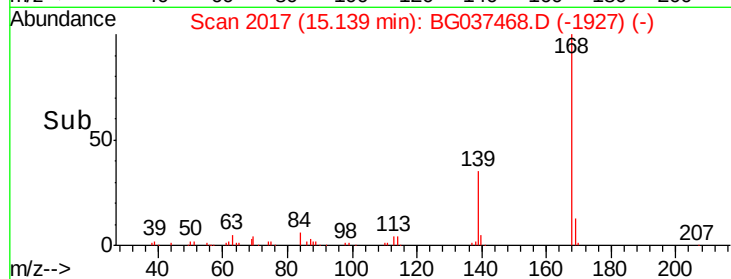
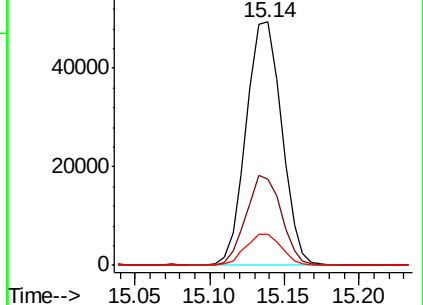
169 12.8 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 2.941 ng

RT: 14.93 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

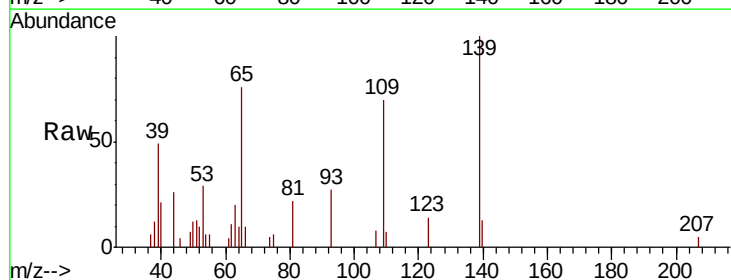
Tgt Ion:139 Resp: 6687

Ion Ratio Lower Upper

139 100

109 69.7 49.5 89.5

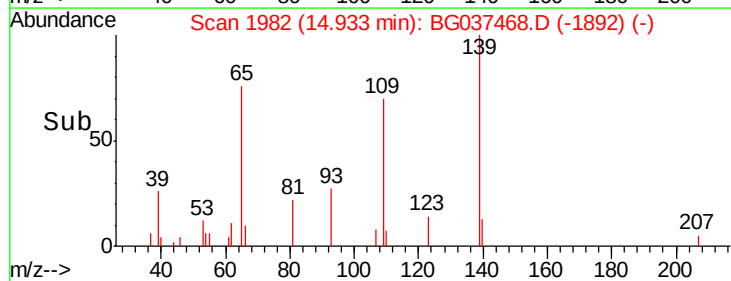
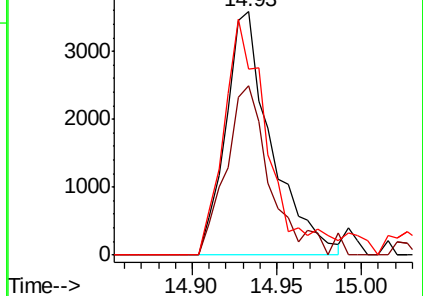
65 76.4 76.8 116.8#

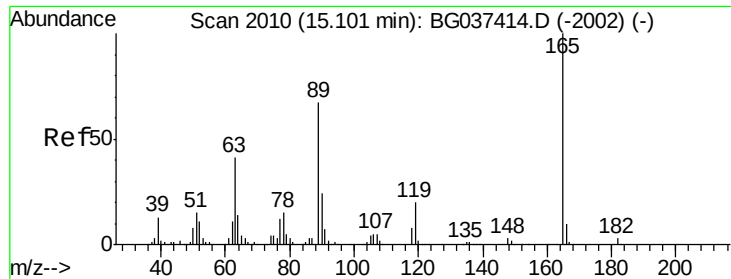


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

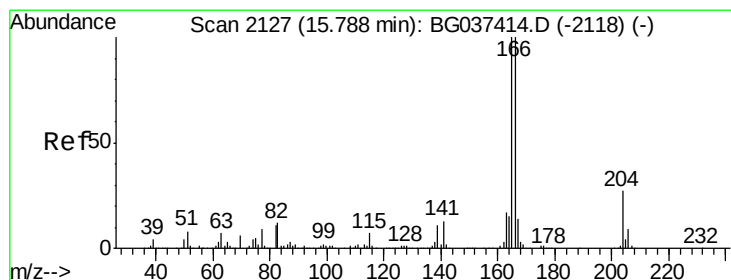
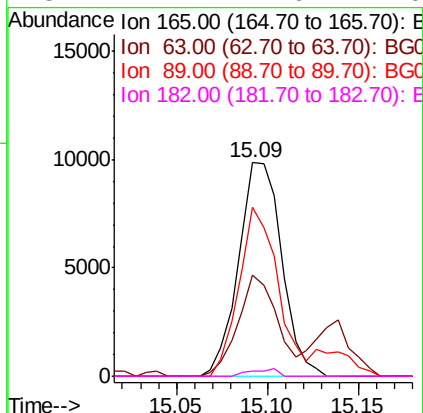
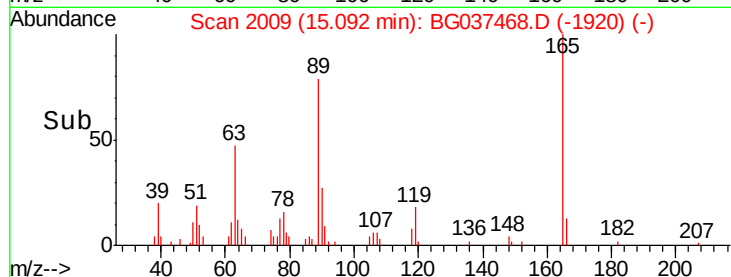
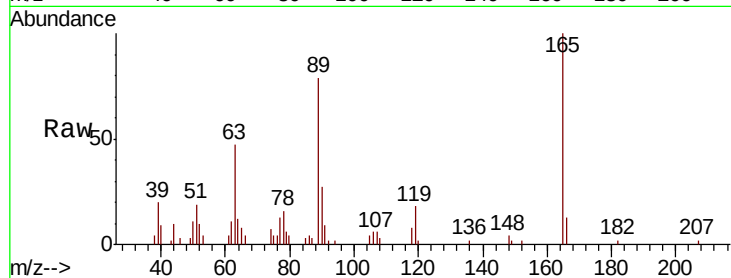




#57
2,4-Dinitrotoluene
Concen: 4.518 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

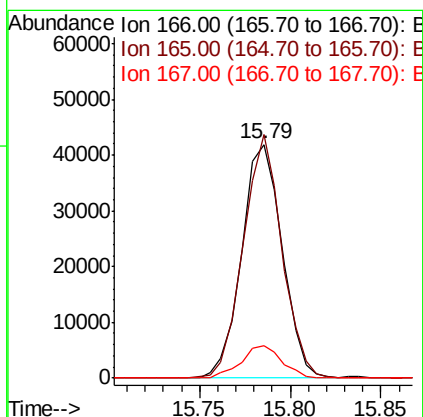
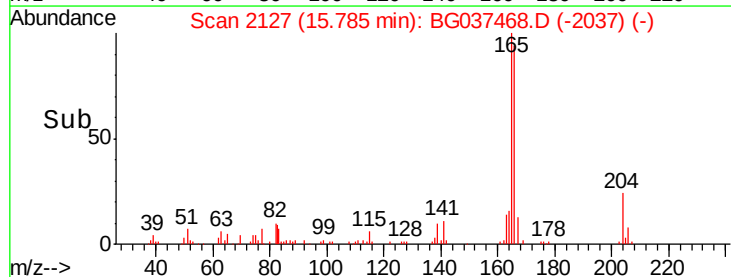
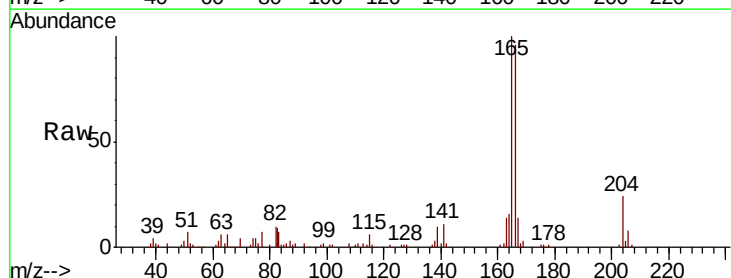
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

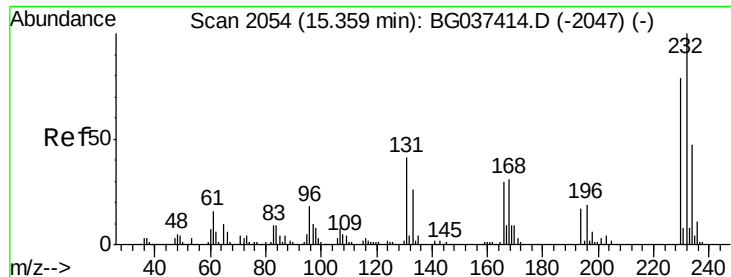
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.1	33.4	50.0
89	79.3	57.2	85.8
182	2.2	2.6	4.0



#58
Fluorene
Concen: 5.582 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.0	118.6
167	14.1	11.3	16.9

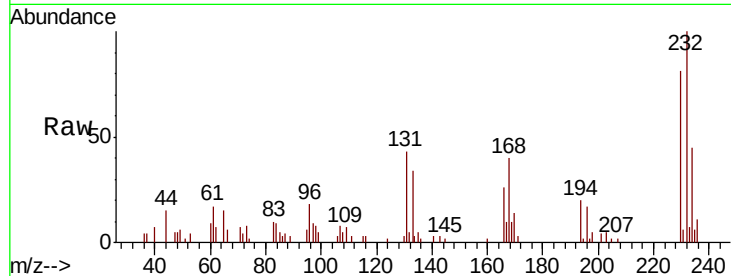




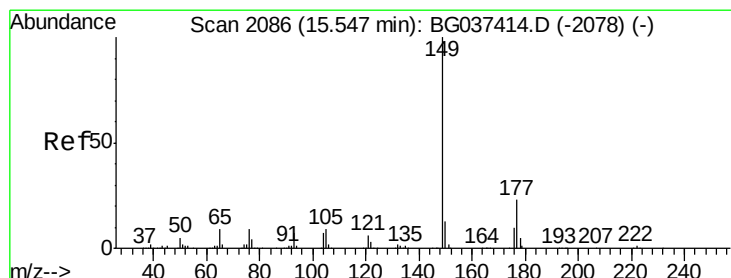
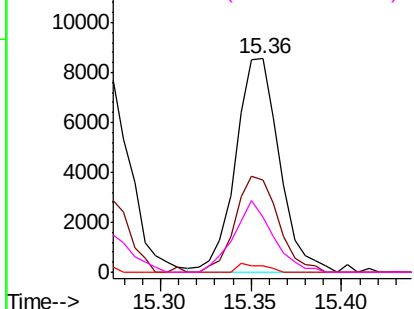
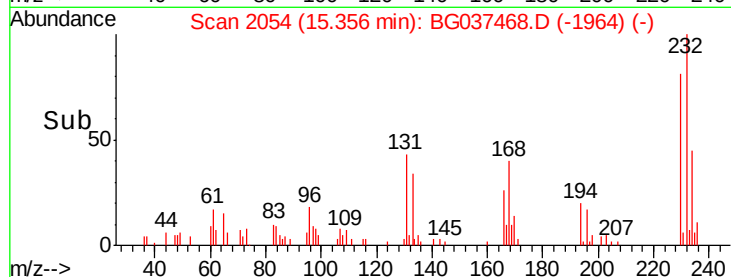
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.445 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion: 232 Resp: 14437
 Ion Ratio Lower Upper
 232 100
 131 44.1 33.7 50.5
 130 2.5 2.1 3.1
 166 30.0 24.6 36.8

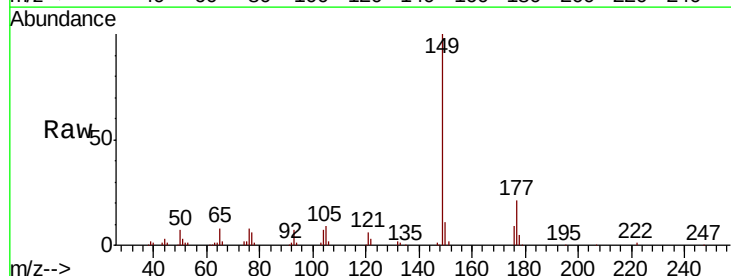


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

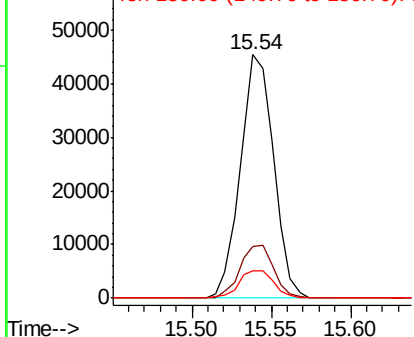
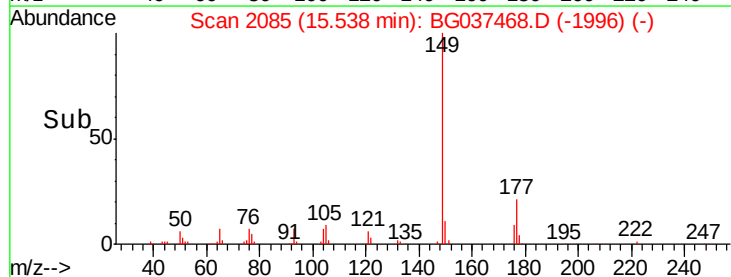


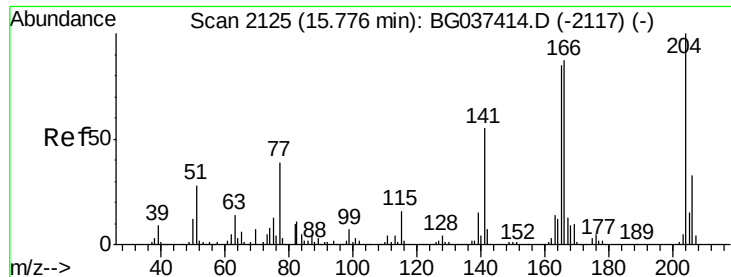
#60
 Diethylphthalate
 Concen: 5.137 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 149 Resp: 65967
 Ion Ratio Lower Upper
 149 100
 177 21.0 18.3 27.5
 150 11.2 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

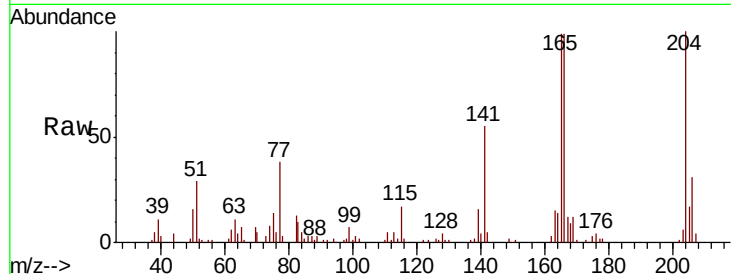




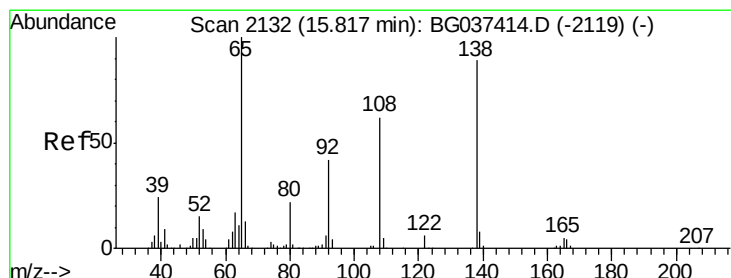
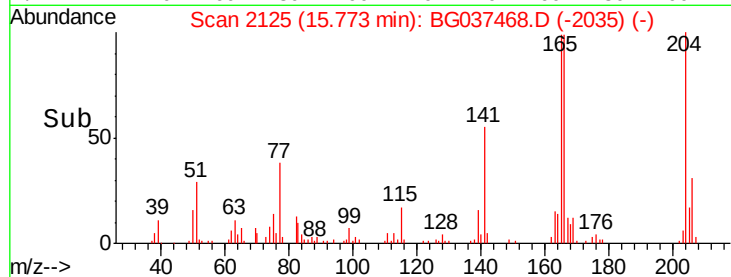
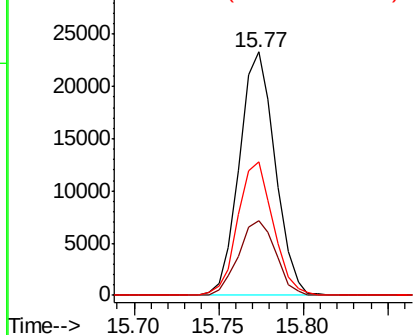
#61
 4-Chlorophenyl-phenylether
 Concen: 5.058 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion: 204 Resp: 34328
 Ion Ratio Lower Upper
 204 100
 206 30.8 26.6 39.8
 141 55.1 45.4 68.2

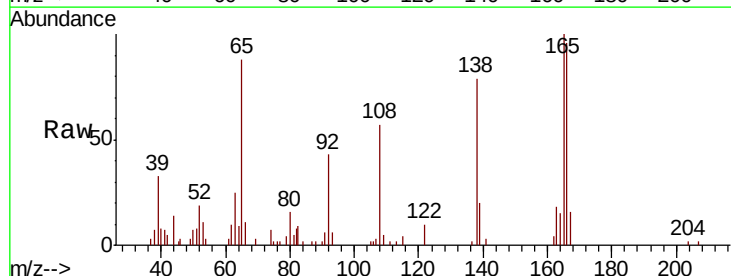


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

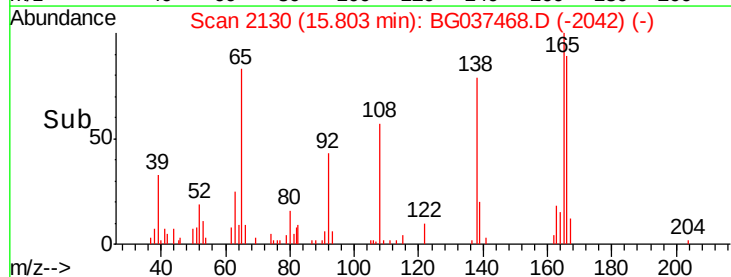
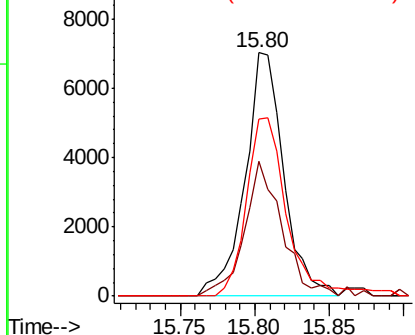


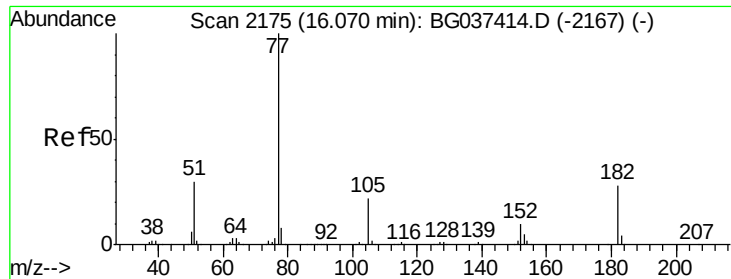
#62
 4-Nitroaniline
 Concen: 4.123 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 138 Resp: 12585
 Ion Ratio Lower Upper
 138 100
 92 55.2 36.4 76.4
 108 72.7 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

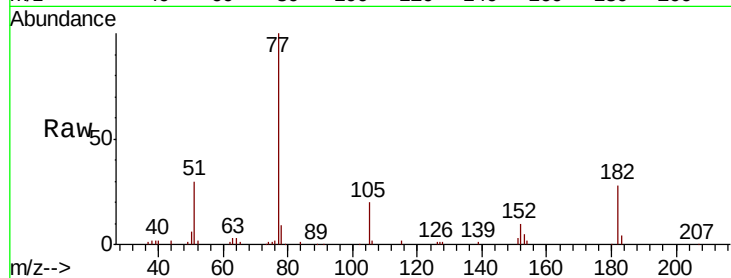




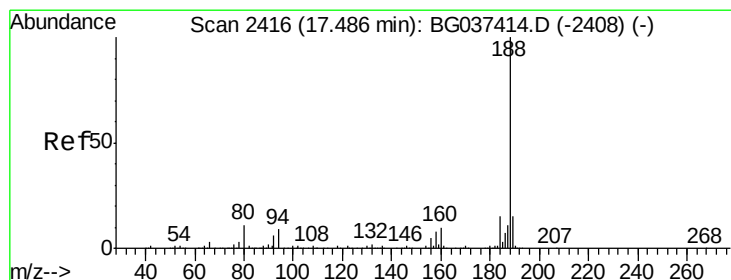
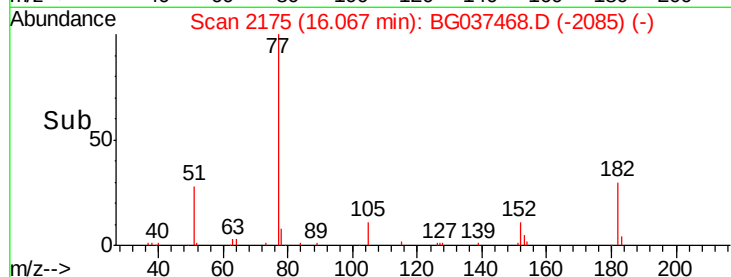
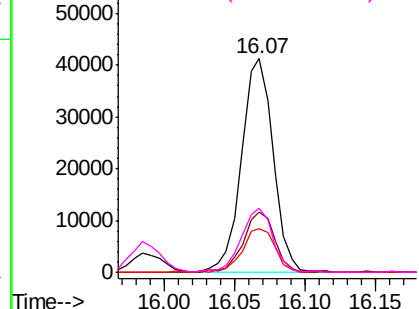
#63
Azobenzene
Concen: 5.284 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

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

Tgt Ion: 77 Resp: 64744
Ion Ratio Lower Upper
77 100
182 28.2 8.0 48.0
105 20.3 1.3 41.3
51 29.9 10.7 50.7

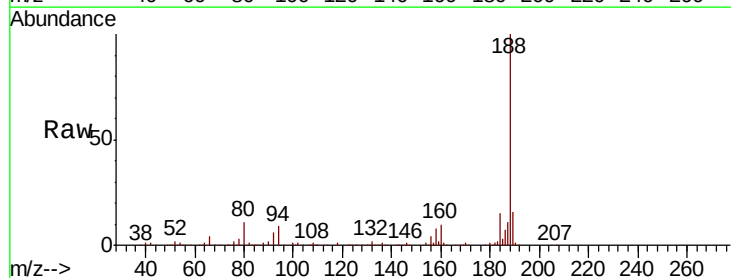


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

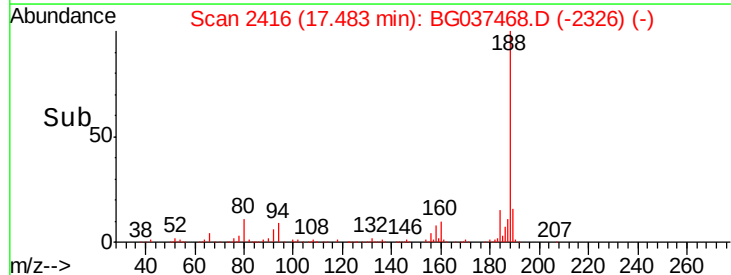
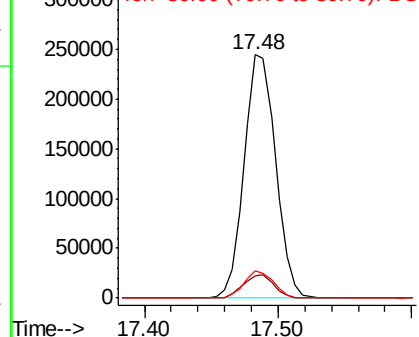


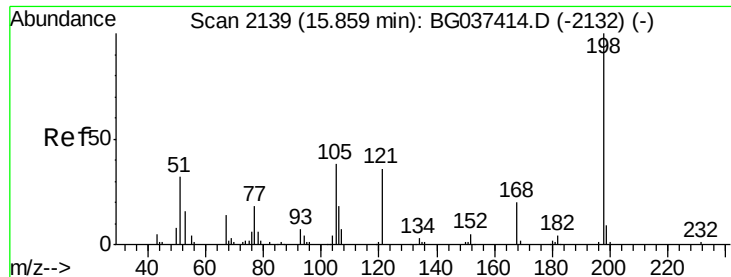
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion: 188 Resp: 397770
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 11.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 9.953 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

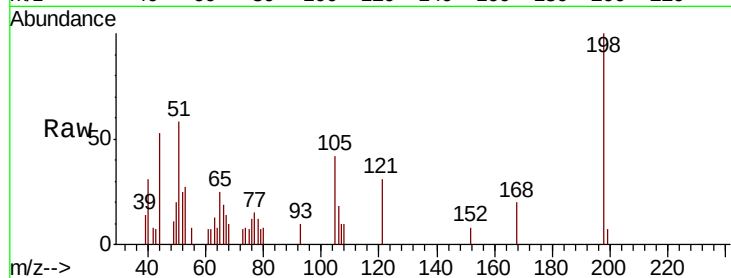
Tgt Ion:198 Resp: 3667

Ion Ratio Lower Upper

198 100

51 58.2 22.7 62.7

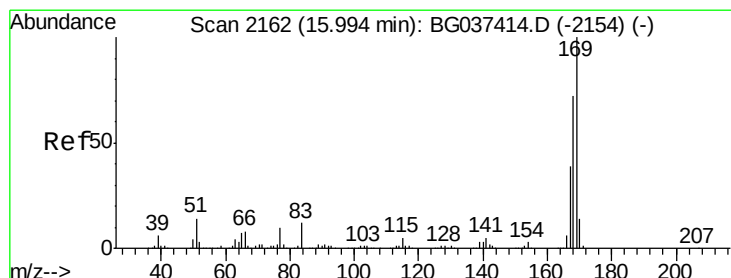
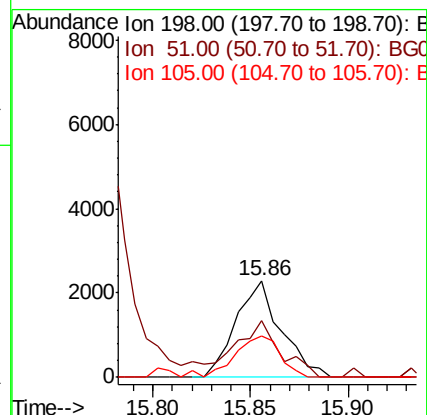
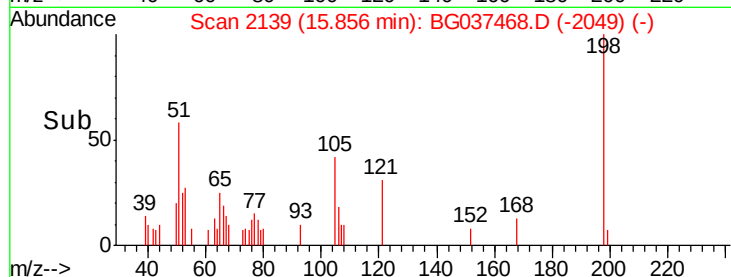
105 42.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.794 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

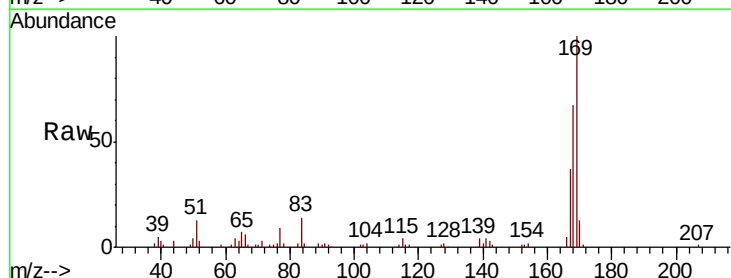
Tgt Ion:169 Resp: 57362

Ion Ratio Lower Upper

169 100

168 67.0 55.7 83.5

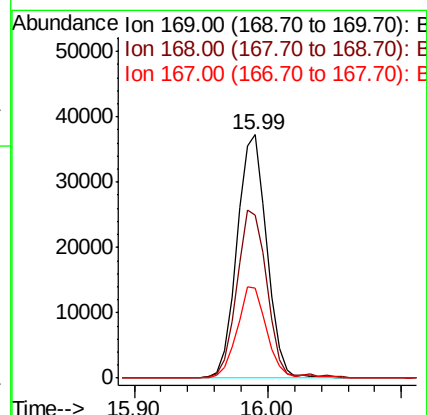
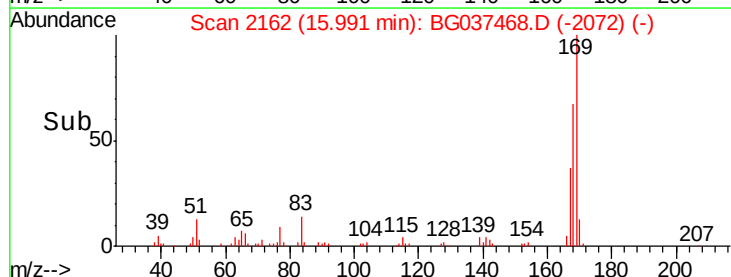
167 36.8 31.3 46.9

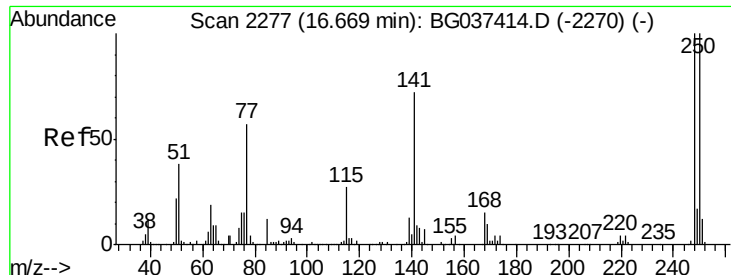


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

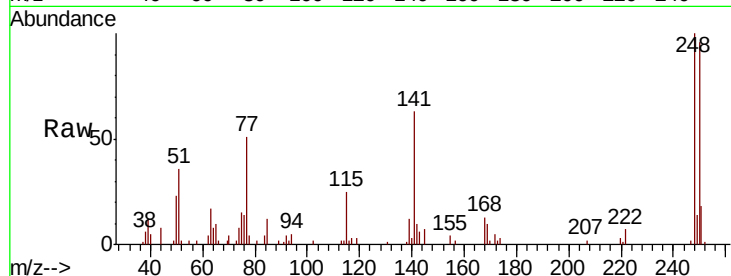




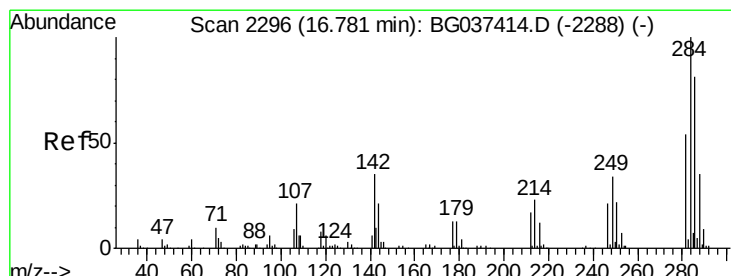
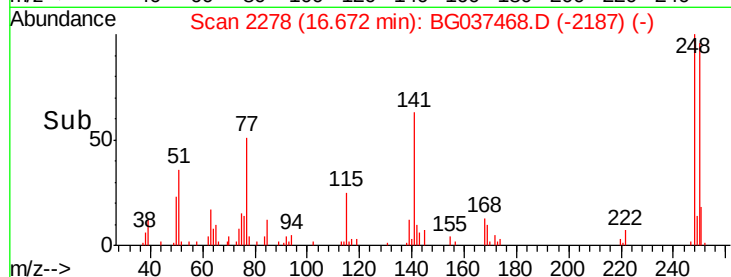
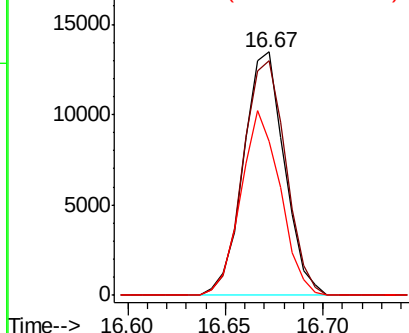
#67
 4-Bromophenyl-phenylether
 Concen: 4.476 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion: 248 Resp: 19554
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.6
 141 63.1 55.5 83.3

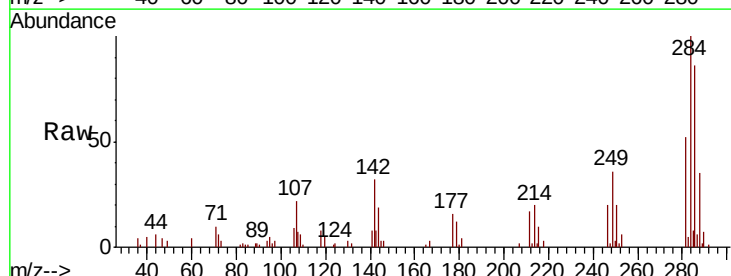


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

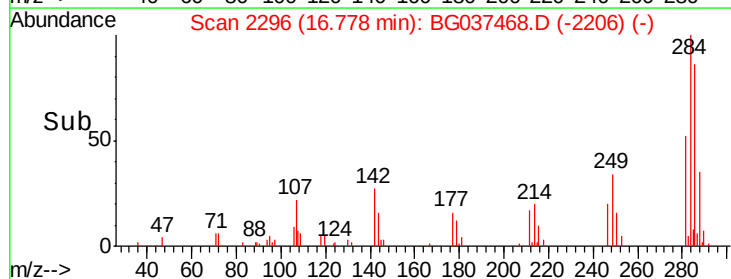
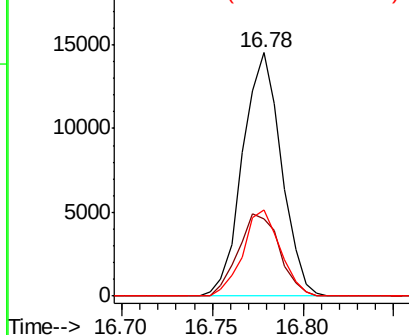


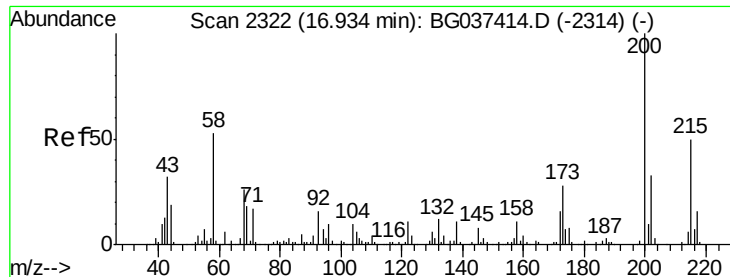
#68
 Hexachlorobenzene
 Concen: 4.767 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion: 284 Resp: 21581
 Ion Ratio Lower Upper
 284 100
 142 31.7 28.1 42.1
 249 38.1 29.8 44.8



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

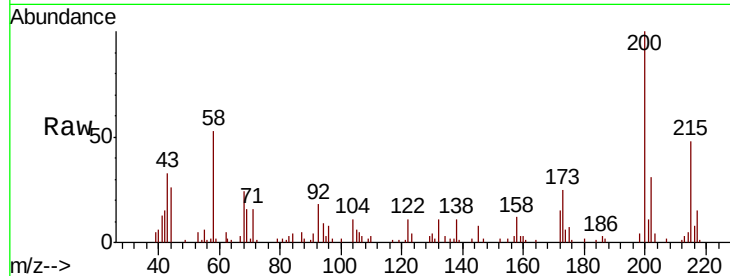




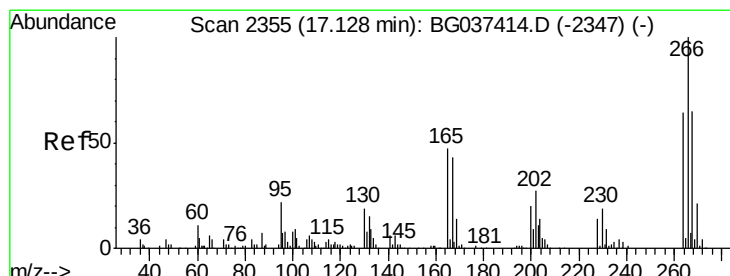
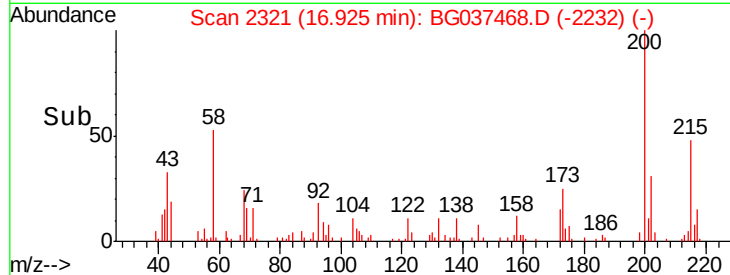
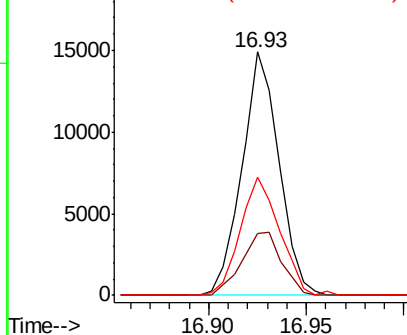
#69
 Atrazine
 Concen: 4.518 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

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

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.1	46.1
215	48.3	30.8	70.8

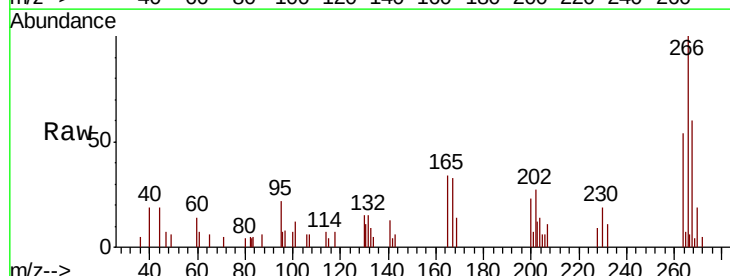


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

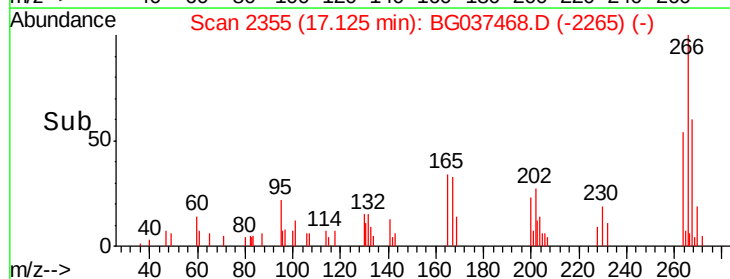
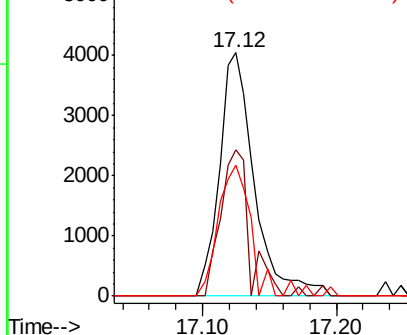


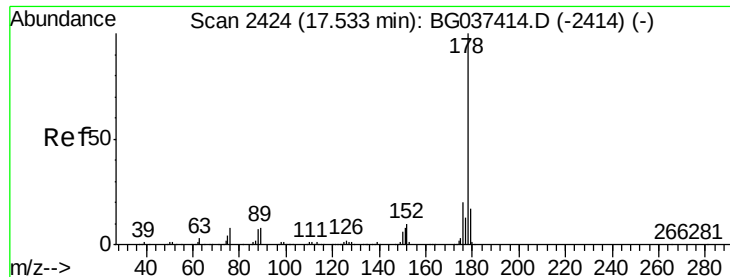
#70
 Pentachlorophenol
 Concen: 2.447 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037468.D
 Acq: 20 Oct 2018 2:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	55.0	82.6
264	60.8	58.9	88.3



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

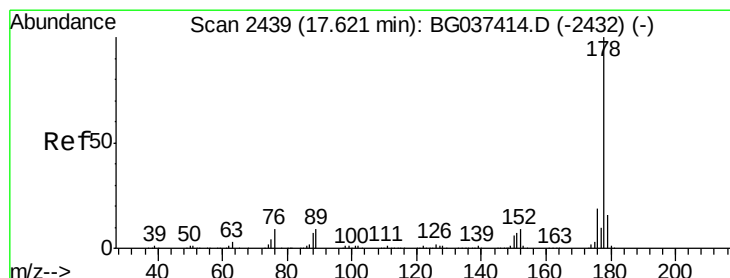
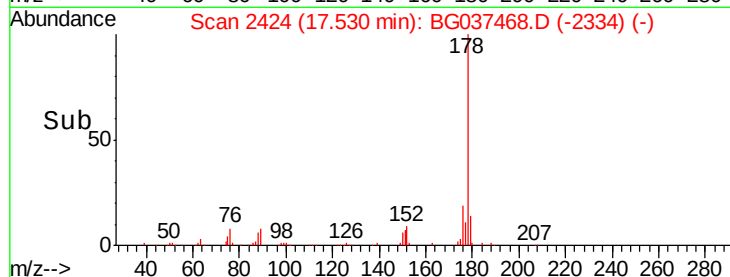
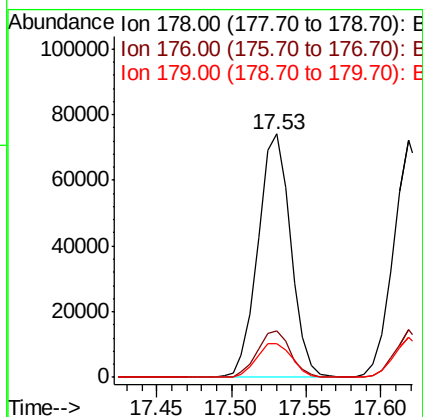
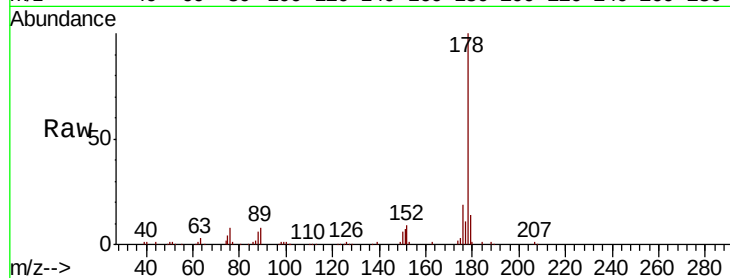




#71
Phenanthrene
Concen: 5.546 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

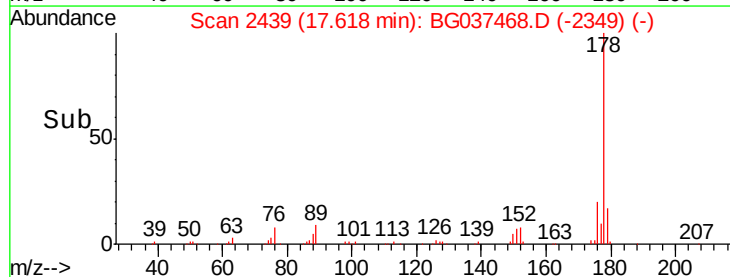
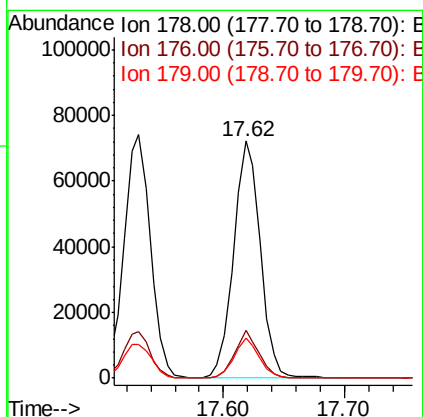
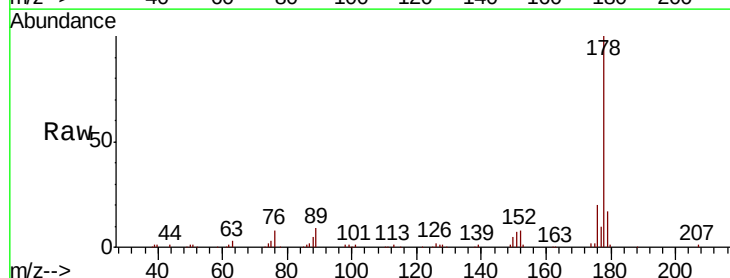
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

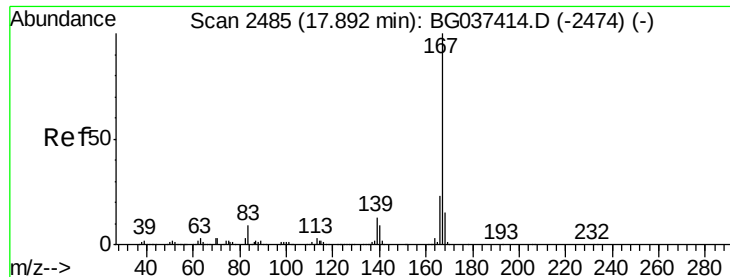
Tgt Ion:178 Resp: 112111
Ion Ratio Lower Upper
178 100
176 19.0 16.1 24.1
179 13.9 13.0 19.4



#72
Anthracene
Concen: 5.613 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:178 Resp: 111359
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.2 12.8 19.2





#73

Carbazole

Concen: 4.823 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

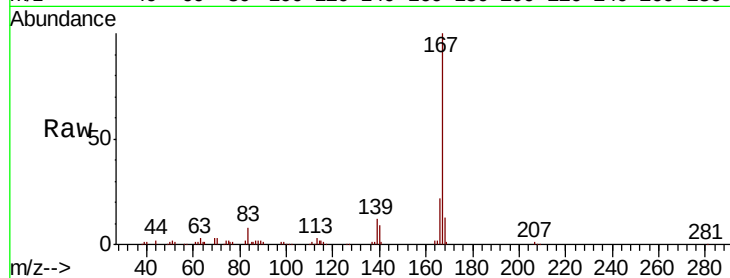
Tgt Ion:167 Resp: 95714

Ion Ratio Lower Upper

167 100

166 22.4 18.3 27.5

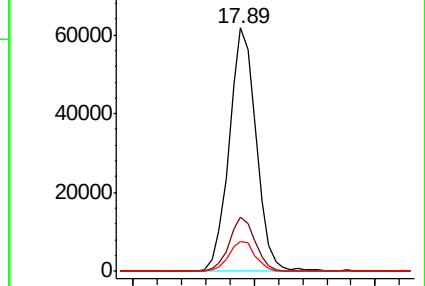
139 12.1 10.5 15.7



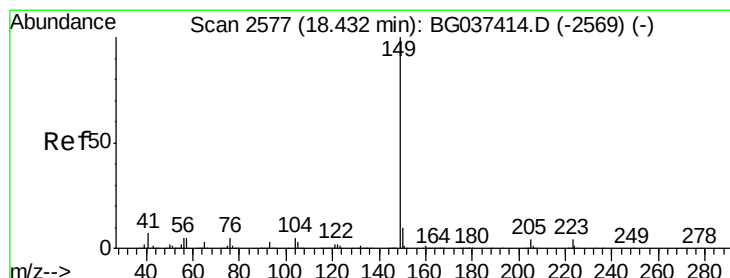
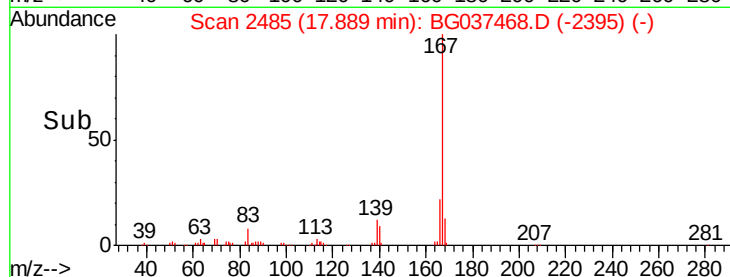
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.80 17.90 18.00



#74

Di-n-butylphthalate

Concen: 4.856 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

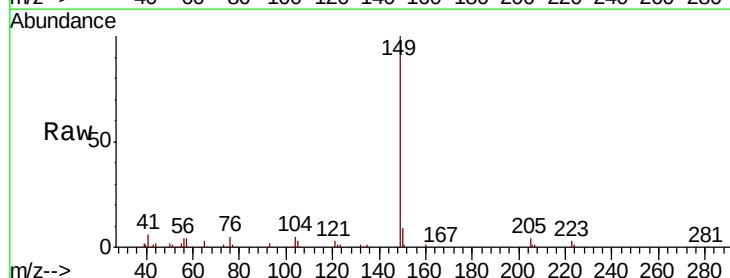
Tgt Ion:149 Resp: 107192

Ion Ratio Lower Upper

149 100

150 9.4 8.2 12.2

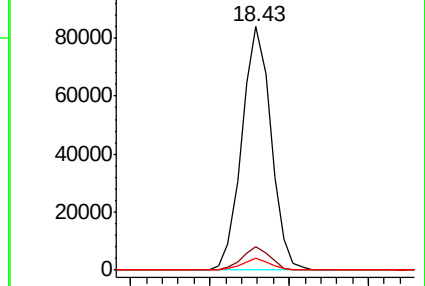
104 5.0 4.0 6.0



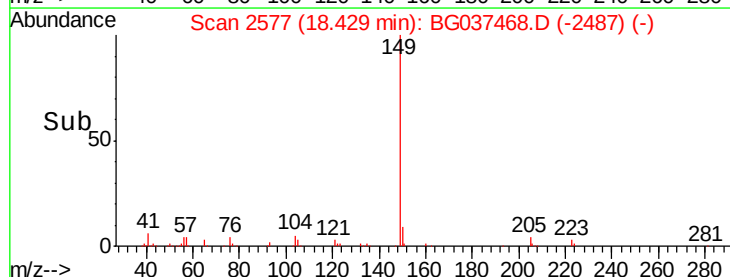
Abundance Ion 149.00 (148.70 to 149.70): E

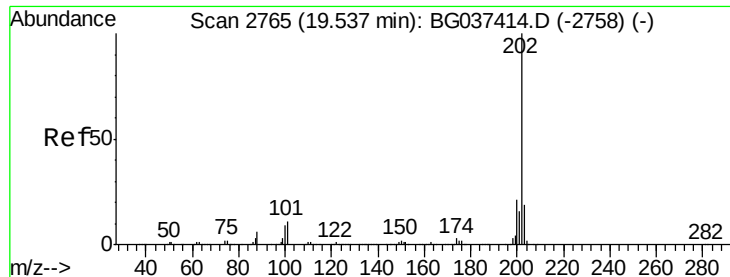
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.35 18.40 18.45 18.50





#75

Fluoranthene

Concen: 5.504 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

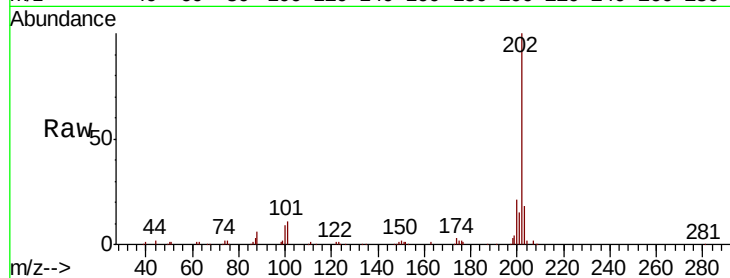
Tgt Ion:202 Resp: 126196

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

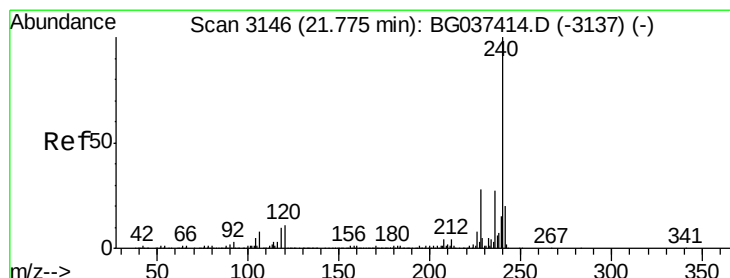
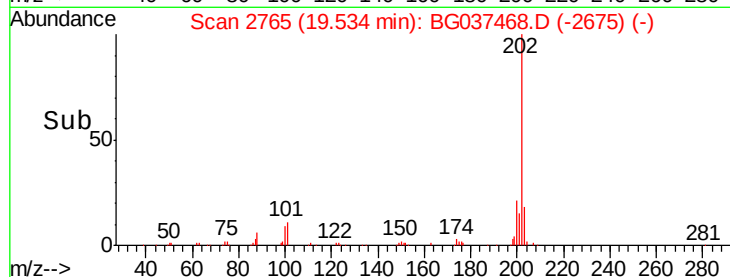
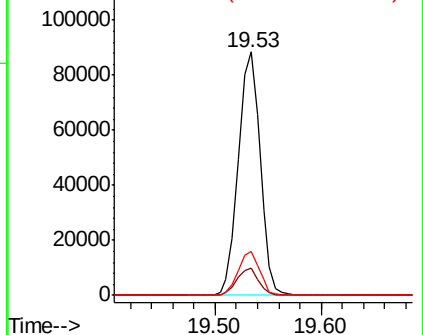
203 17.9 0.0 38.5



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: BG037468.D

Acq: 20 Oct 2018 2:22

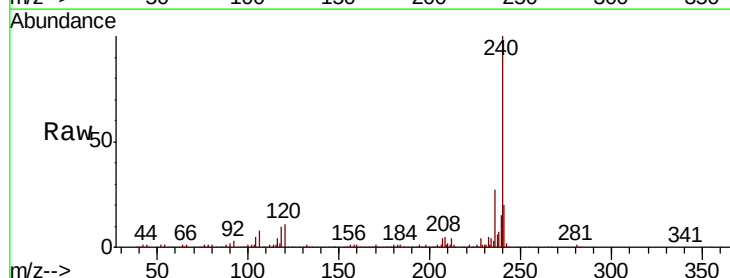
Tgt Ion:240 Resp: 374182

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

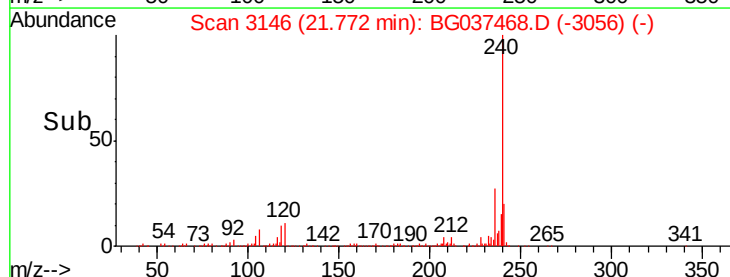
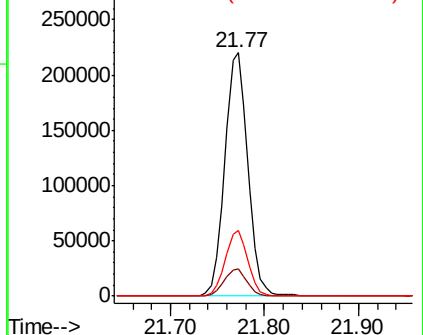
236 27.0 21.4 32.0

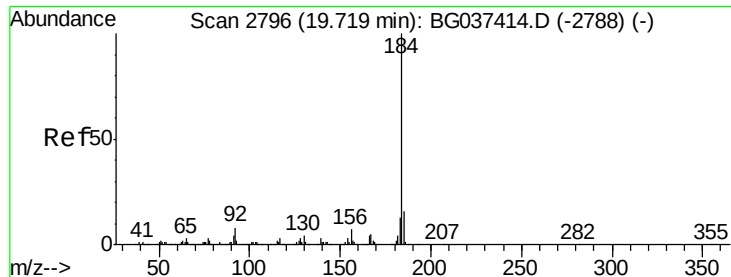


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.423 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

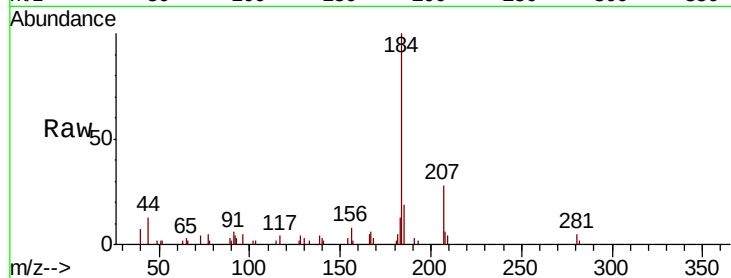
Tgt Ion:184 Resp: 18099

Ion Ratio Lower Upper

184 100

185 18.6 12.6 18.8

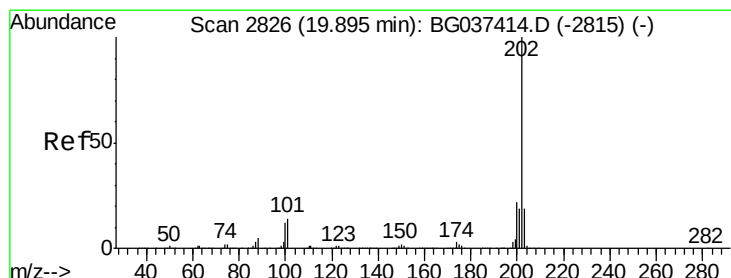
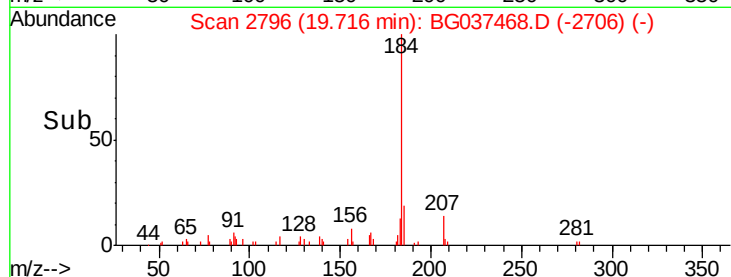
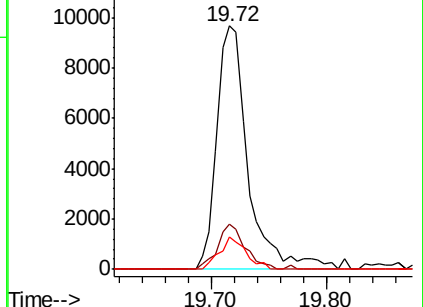
183 13.1 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.244 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

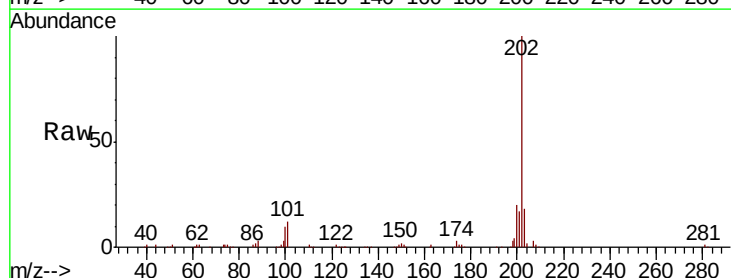
Tgt Ion:202 Resp: 128268

Ion Ratio Lower Upper

202 100

200 20.3 17.8 26.6

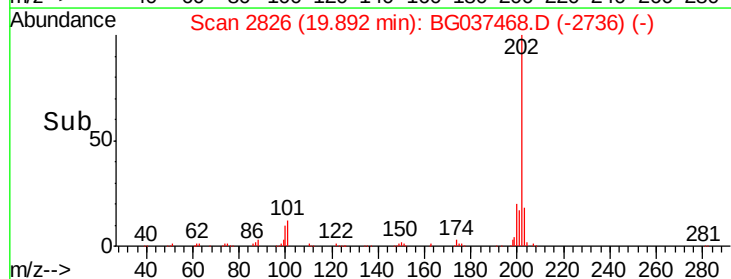
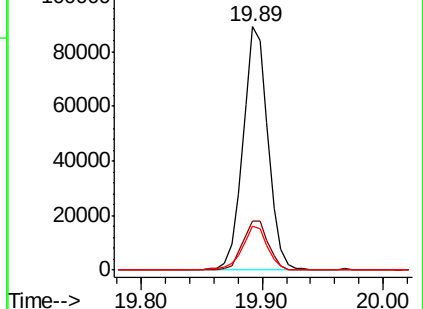
203 17.9 15.2 22.8

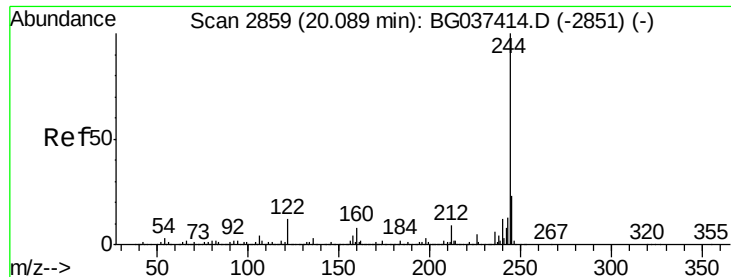


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.613 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

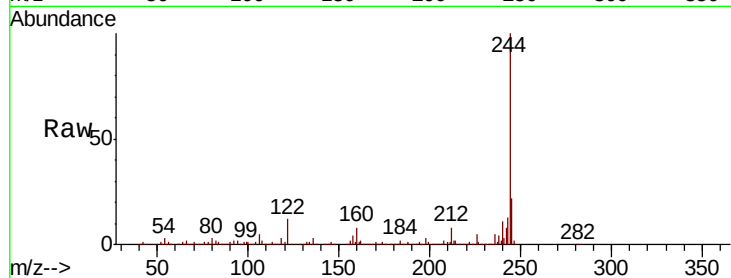
Tgt Ion:244 Resp: 1324103

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

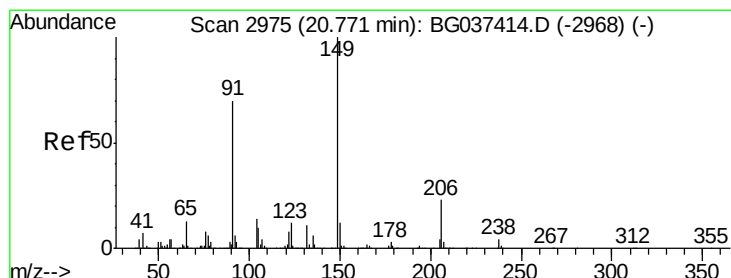
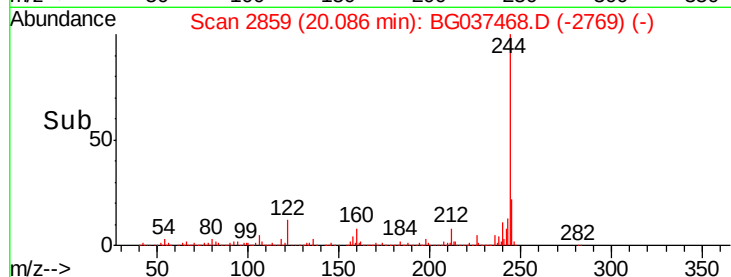
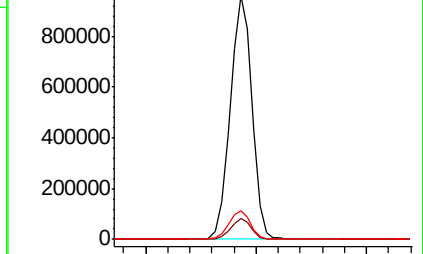
122 11.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.455 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

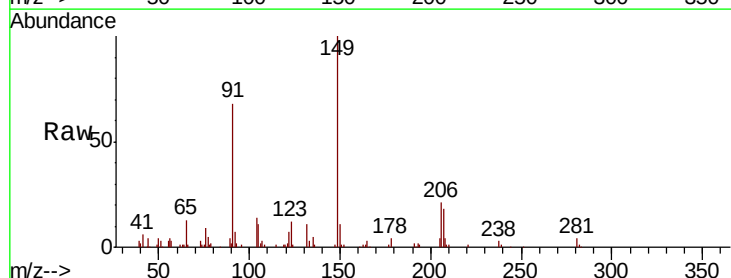
Tgt Ion:149 Resp: 44601

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

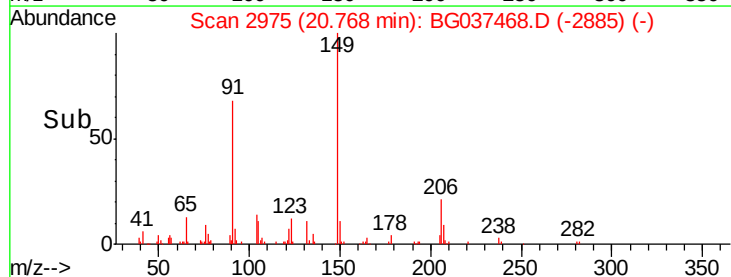
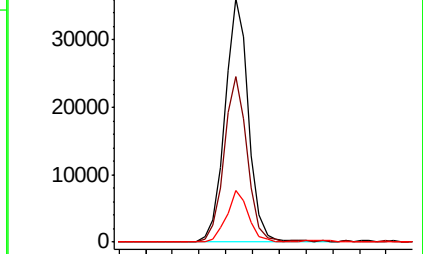
206 21.3 17.8 26.6

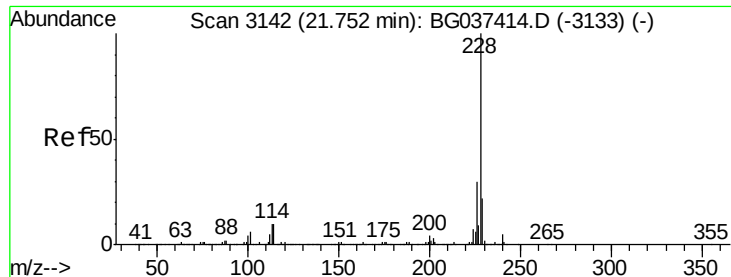


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

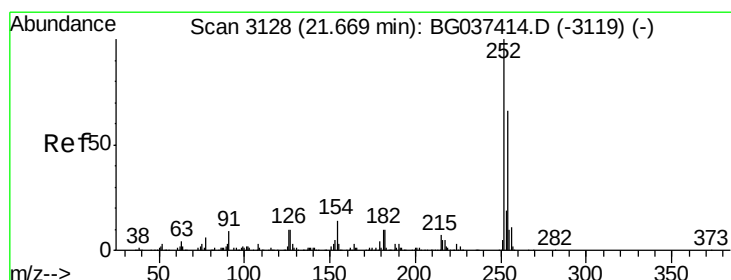
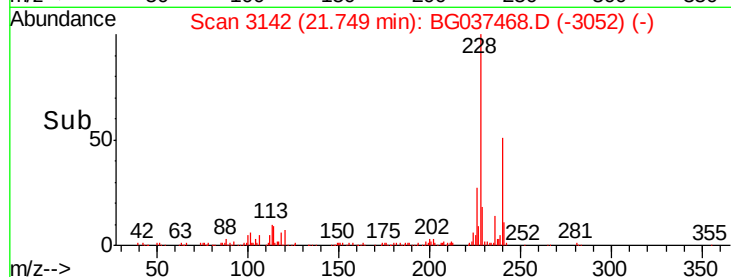
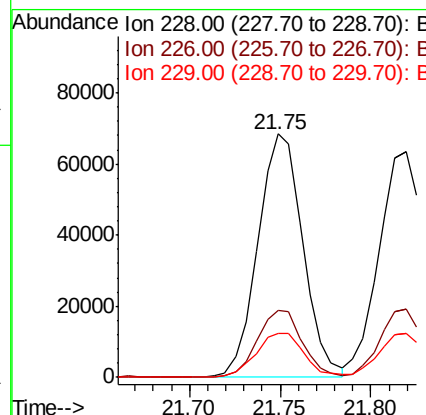
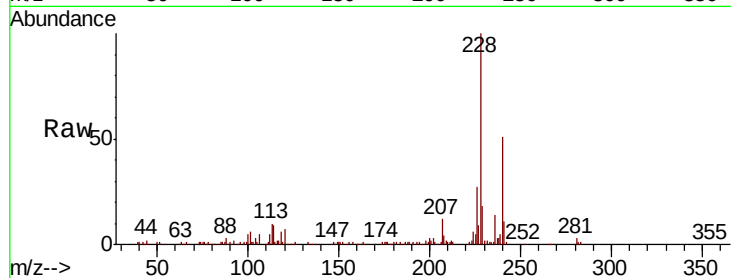




#81
Benzo(a)anthracene
Concen: 5.324 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

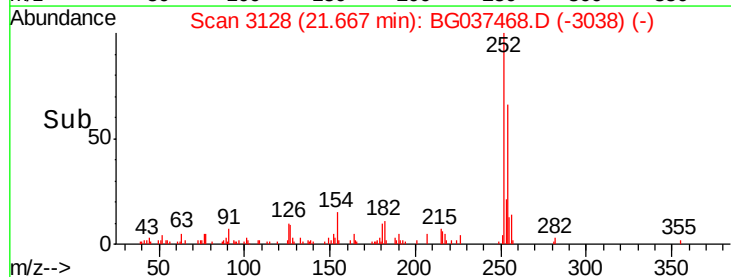
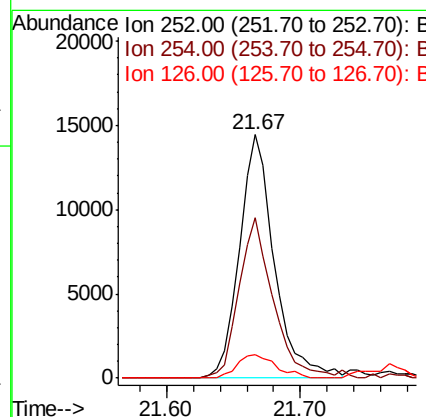
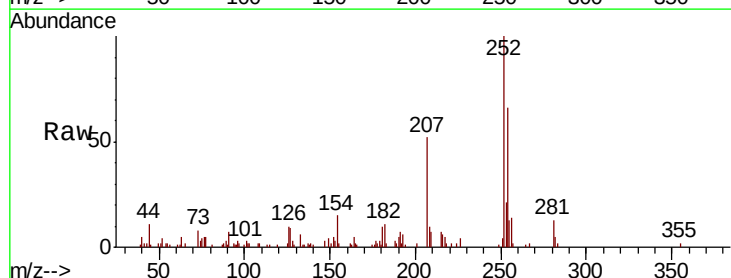
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

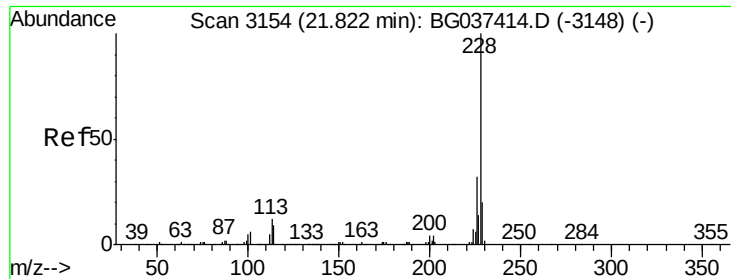
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	18.2	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 3.042 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.0	78.0
126	9.9	8.2	12.4





#83

Chrysene

Concen: 5.365 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

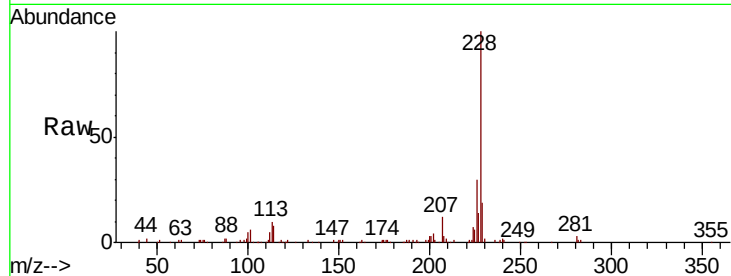
Tgt Ion:228 Resp: 114182

Ion Ratio Lower Upper

228 100

226 30.2 25.7 38.5

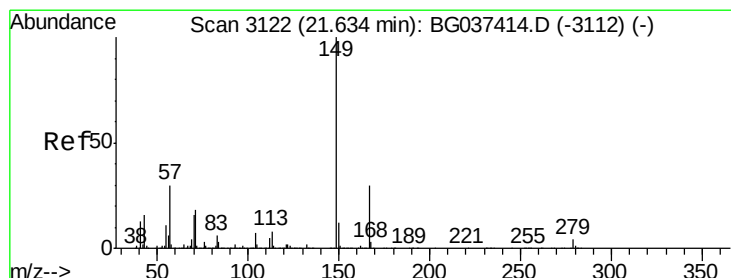
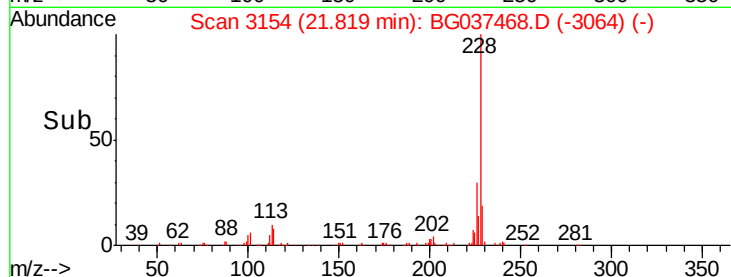
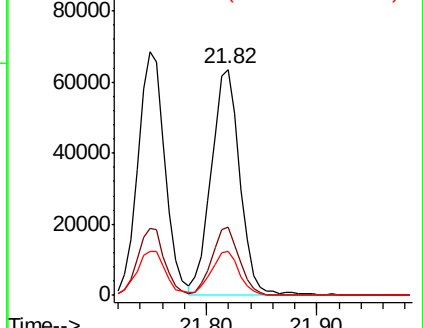
229 19.3 16.5 24.7



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: 4.310 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

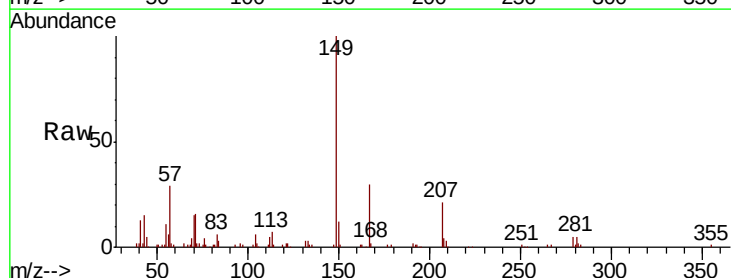
Tgt Ion:149 Resp: 60476

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.4

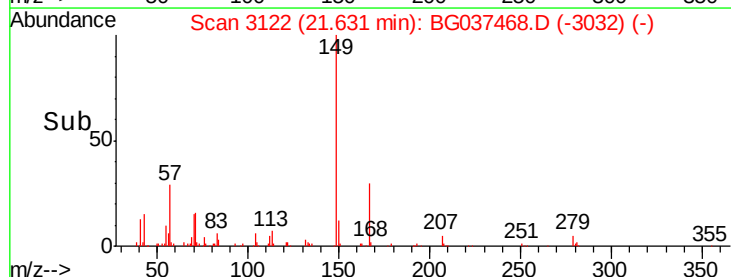
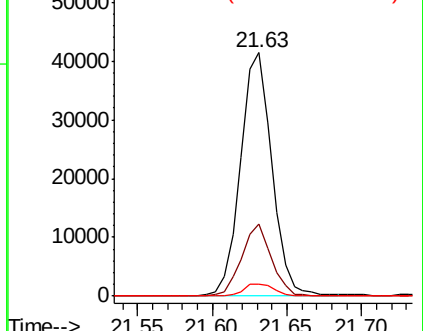
279 5.1 3.6 5.4

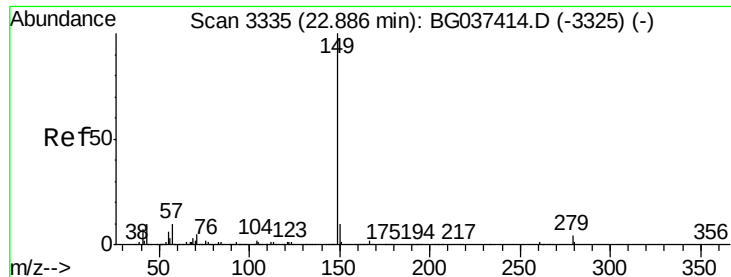


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

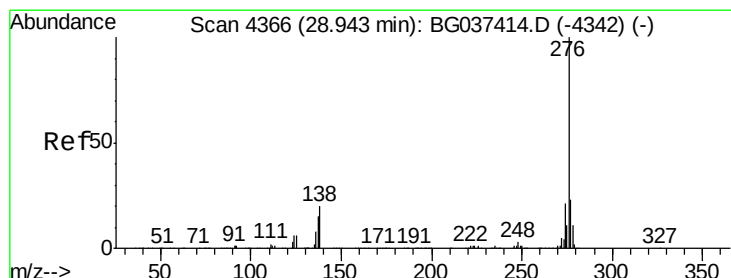
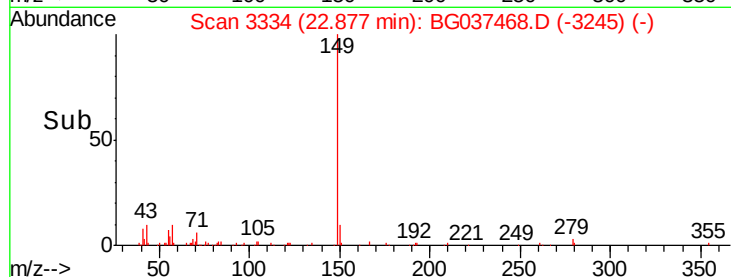
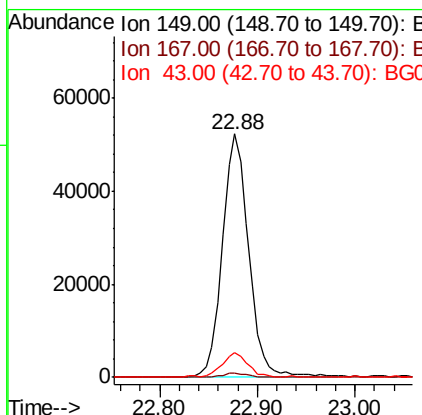
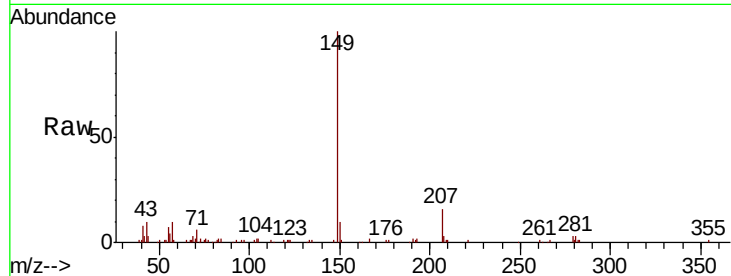




#85
Di-n-octyl phthalate
Concen: 4.280 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

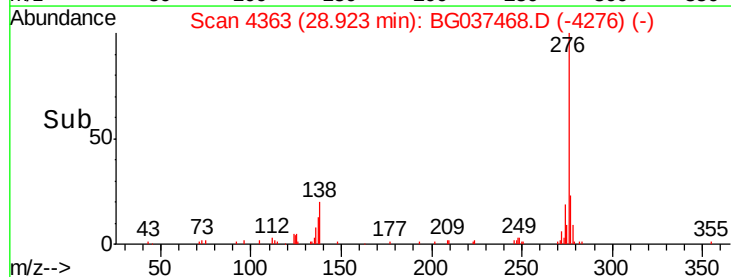
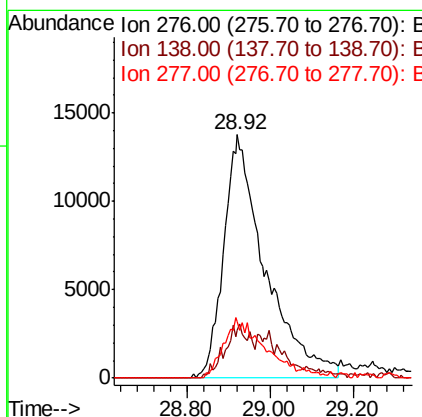
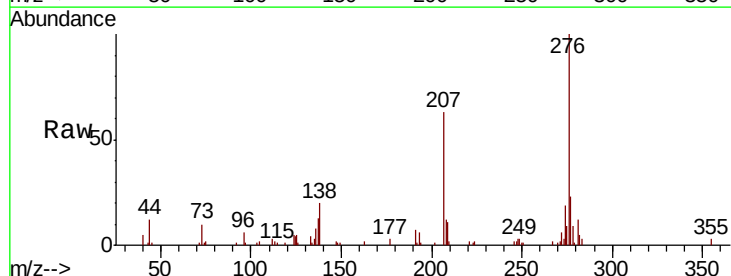
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

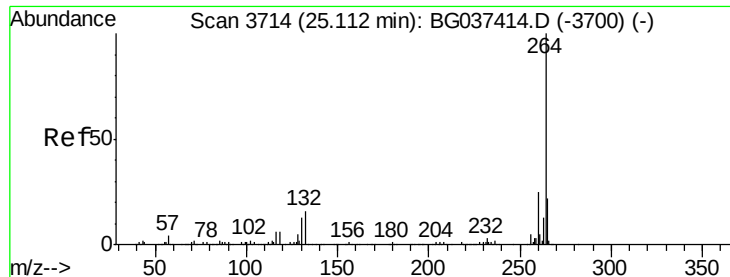
Tgt Ion:149 Resp: 97942
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.184 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion:276 Resp: 95511
Ion Ratio Lower Upper
276 100
138 9.8 12.0 18.0#
277 9.7 20.6 30.8#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

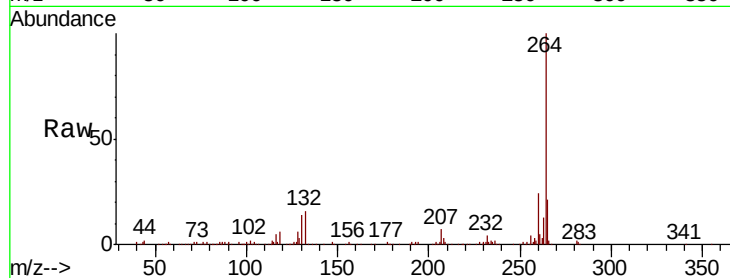
Tgt Ion:264 Resp: 370196

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.3 17.9 26.9

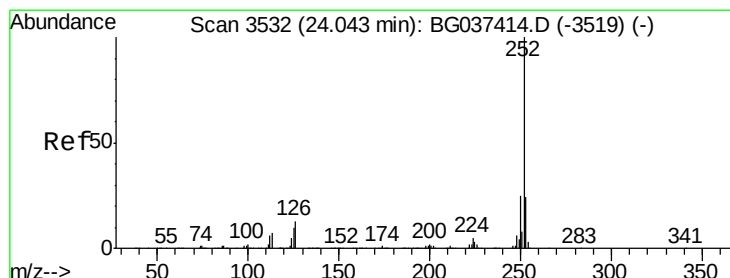
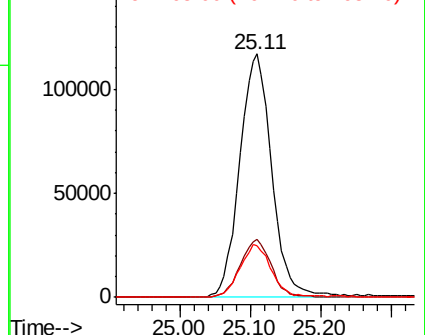
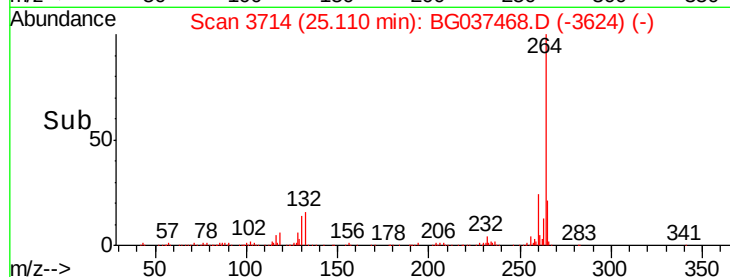


Abundance

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: 5.106 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

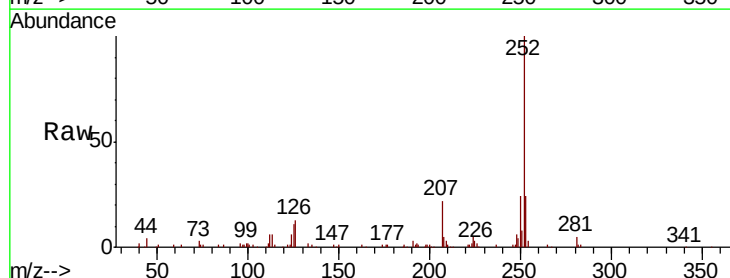
Tgt Ion:252 Resp: 103632

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

125 11.0 7.8 11.6

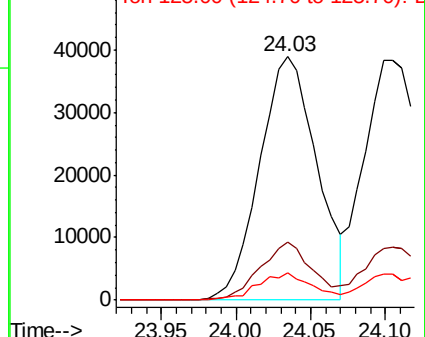
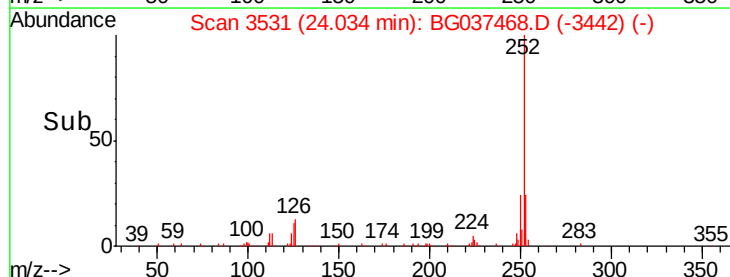


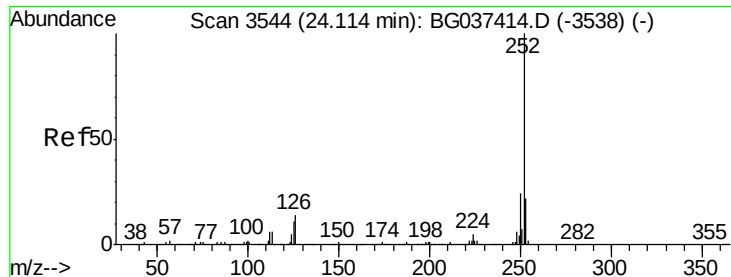
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.212 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.08 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

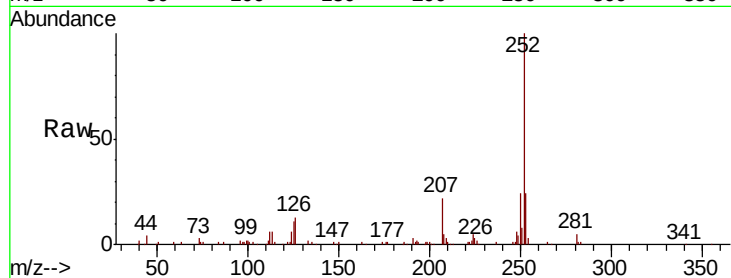
Tgt Ion:252 Resp: 103632

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 11.0 7.4 11.0

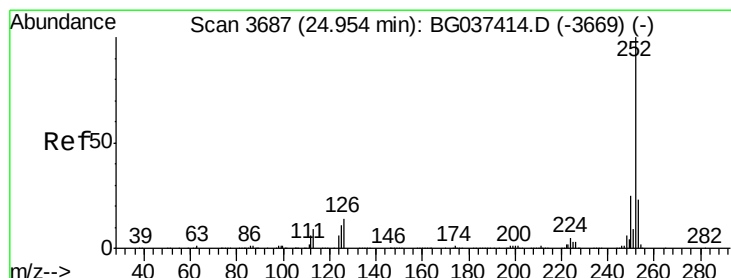
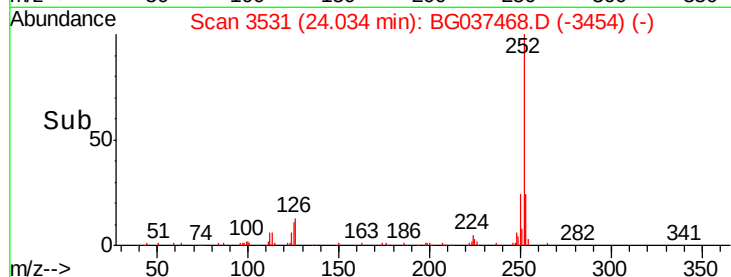
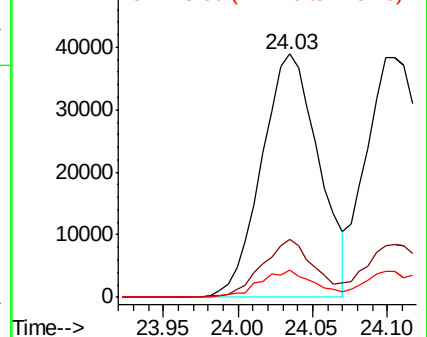


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 5.059 ng

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG037468.D

Acq: 20 Oct 2018 2:22

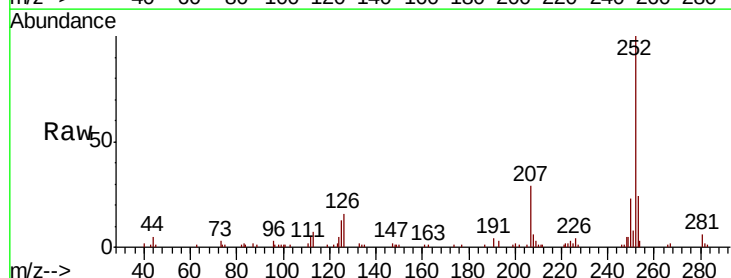
Tgt Ion:252 Resp: 97568

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 12.6 9.0 13.6

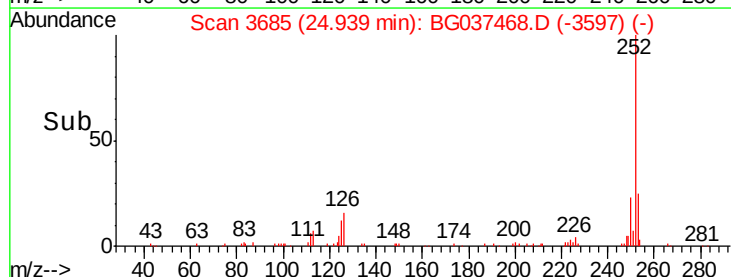
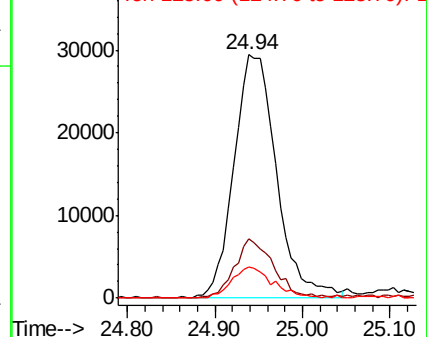


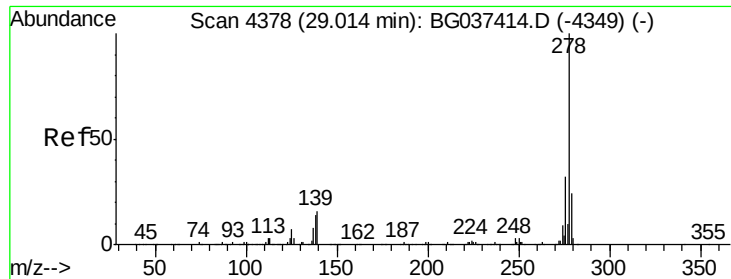
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

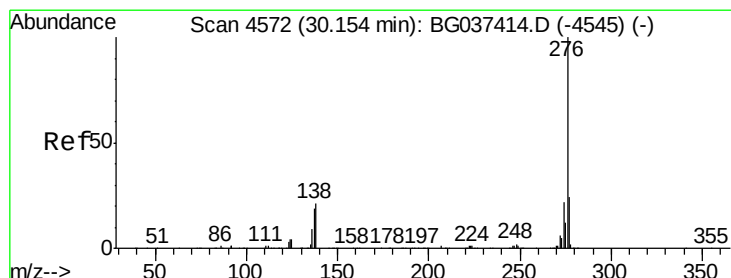
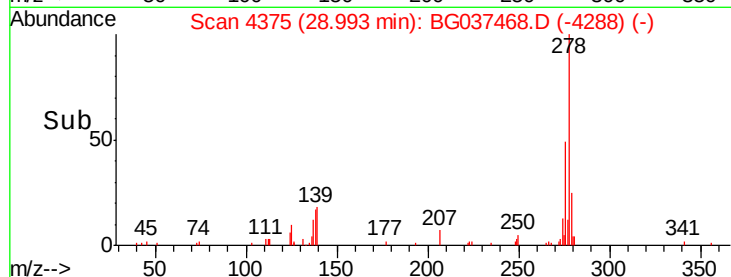
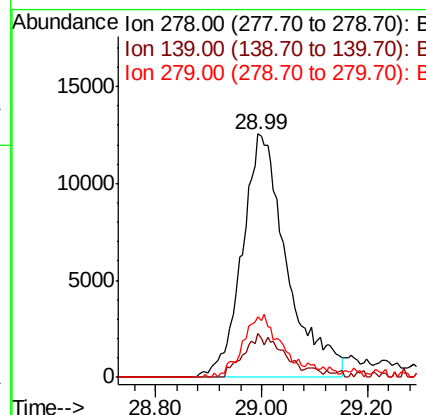
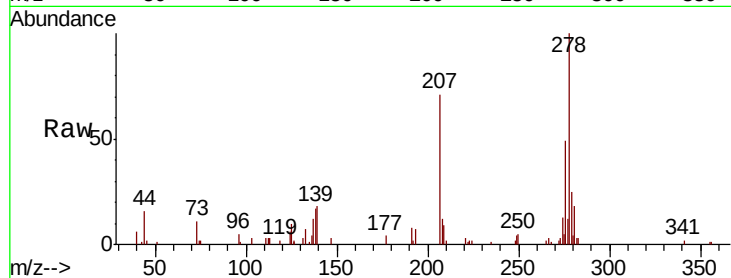




#91
Dibenzo(a,h)anthracene
Concen: 4.136 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	11.5	17.3#
279	24.8	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 4.558 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037468.D
Acq: 20 Oct 2018 2:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.9	28.3
138	19.3	17.2	25.8

