

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037467.D
 Acq On : 20 Oct 2018 1:43
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 2PPM
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 20 02:50:55 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	53659	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	248691	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	166475	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	394421	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373309	20.00	ng	0.00
87) Perylene-d12	25.11	264	356853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	431555	134.46	ng	0.00
7) Phenol-d6	7.25	99	636430	131.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	369409	83.21	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	236805	130.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	892711	80.86	ng	0.00
79) Terphenyl-d14	20.09	244	1330735	76.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	3447	2.118	ng	89
3) Pyridine	3.95	79	7694	1.875	ng	92
4) n-Nitrosodimethylamine	3.86	42	3015	2.063	ng	# 64
6) Aniline	7.44	93	7527	1.271	ng	94
8) 2-Chlorophenol	7.66	128	7720	2.056	ng	90
9) Benzaldehyde	7.25	77	6161	2.029	ng	93
10) Phenol	7.28	94	9632	1.881	ng	85
11) bis(2-Chloroethyl)ether	7.52	93	7359	1.892	ng	90
12) 1,3-Dichlorobenzene	7.99	146	8192	1.960	ng	91
13) 1,4-Dichlorobenzene	7.99	146	8192	1.916	ng	94
14) 1,2-Dichlorobenzene	8.46	146	8472	2.060	ng	100
15) Benzyl Alcohol	8.35	79	6137	1.711	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.62	45	14081	2.023	ng	90
17) 2-Methylphenol	8.54	107	6628	1.958	ng	89
18) Hexachloroethane	9.19	117	2744	1.882	ng	86
19) n-Nitroso-di-n-propylamine	8.91	70	5953	1.781	ng	97
20) 3+4-Methylphenols	8.86	107	9236	1.908	ng	87
22) Acetophenone	8.93	105	12466	1.999	ng	# 97
24) Nitrobenzene	9.33	77	10207	2.213	ng	94
25) Isophorone	9.84	82	17363	2.141	ng	96
26) 2-Nitrophenol	10.03	139	3245	1.562	ng	89
27) 2,4-Dimethylphenol	10.07	122	7475	2.015	ng	87
28) bis(2-Chloroethoxy)methane	10.33	93	10561	1.987	ng	# 89
29) 2,4-Dichlorophenol	10.56	162	6865	1.662	ng	88
30) 1,2,4-Trichlorobenzene	10.78	180	8953	1.993	ng	92
31) Naphthalene	10.98	128	26155	2.141	ng	97
32) Benzoic acid	10.13	122	617	0.256	ng	# 65
33) 4-Chloroaniline	11.10	127	7619	1.328	ng	# 88
34) Hexachlorobutadiene	11.25	225	5164	1.940	ng	92
35) Caprolactam	11.85	113	1923	1.161	ng	# 71
36) 4-Chloro-3-methylphenol	12.18	107	7341	1.576	ng	95
37) 2-Methylnaphthalene	12.58	142	19689	2.211	ng	91
38) 1-Methylnaphthalene	12.80	142	19636	2.271	ng	# 81
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	10374	1.932	ng	99

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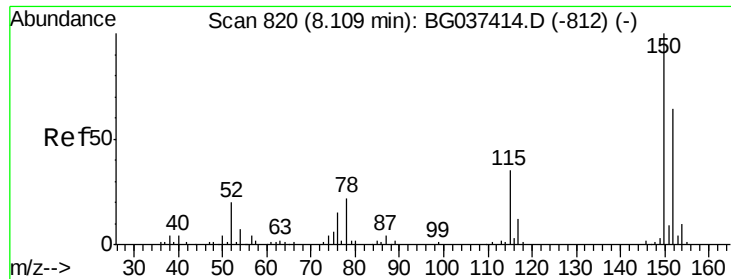
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	4378	1.707	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	5402	1.506	ng	95
44) 2,4,5-Trichlorophenol	13.24	196	6211	1.590	ng	91
46) 1,1'-Biphenyl	13.58	154	27794	2.016	ng	96
47) 2-Chloronaphthalene	13.62	162	21319	2.044	ng	97
48) 2-Nitroaniline	13.83	65	4737	1.498	ng	90
49) Acenaphthylene	14.46	152	33747	2.151	ng	99
50) Dimethylphthalate	14.19	163	26736	2.076	ng	# 97
51) 2,6-Dinitrotoluene	14.32	165	4430	1.555	ng	90
52) Acenaphthene	14.80	154	19393	2.007	ng	97
53) 3-Nitroaniline	14.65	138	4273	1.351	ng	96
54) 2,4-Dinitrophenol	14.86	184	58	6.194	ng	# 26
55) Dibenzofuran	15.13	168	33744	2.108	ng	97
56) 4-Nitrophenol	14.94	139	1822	0.778	ng	87
57) 2,4-Dinitrotoluene	15.10	165	5534	1.480	ng	# 95
58) Fluorene	15.78	166	25823	2.154	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	4787	1.431	ng	# 96
60) Diethylphthalate	15.54	149	25245	1.909	ng	93
61) 4-Chlorophenyl-phenylether	15.77	204	13426	1.921	ng	92
62) 4-Nitroaniline	15.81	138	4320	1.375	ng	89
63) Azobenzene	16.07	77	26010	2.062	ng	99
65) 4,6-Dinitro-2-methylphenol	16.23	198	982	8.898	ng	79
66) n-Nitrosodiphenylamine	15.99	169	22185	1.870	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	8568	1.978	ng	91
68) Hexachlorobenzene	16.77	284	8464	1.885	ng	96
69) Atrazine	16.92	200	7373	1.719	ng	93
70) Pentachlorophenol	17.12	266	1887	0.628	ng	# 60
71) Phenanthrene	17.53	178	44768	2.233	ng	99
72) Anthracene	17.62	178	43164	2.194	ng	99
73) Carbazole	17.89	167	35352	1.797	ng	94
74) Di-n-butylphthalate	18.43	149	40424	1.847	ng	97
75) Fluoranthene	19.53	202	48665	2.140	ng	94
77) Benzidine	19.72	184	5450	0.429	ng	96
78) Pyrene	19.89	202	50626	2.075	ng	94
80) Butylbenzylphthalate	20.77	149	15310	1.533	ng	95
81) Benzo(a)anthracene	21.75	228	46418	2.102	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	9442	1.103	ng	87
83) Chrysene	21.82	228	43601	2.054	ng	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	22262	1.590	ng	95
85) Di-n-octyl phthalate	22.88	149	33939	1.487	ng	96
86) Indeno(1,2,3-cd)pyrene	28.91	276	9534	0.419	ng	# 73
88) Benzo(b)fluoranthene	24.03	252	37469	1.915	ng	# 95
89) Benzo(k)fluoranthene	24.10	252	42498	2.217	ng	# 94
90) Benzo(a)pyrene	24.94	252	38264	2.058	ng	96
91) Dibenzo(a,h)anthracene	29.00	278	25564	1.491	ng	96
92) Benzo(g,h,i)perylene	30.12	276	30301	1.747	ng	# 86

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

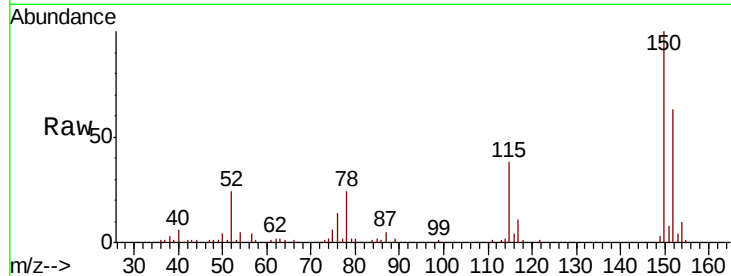
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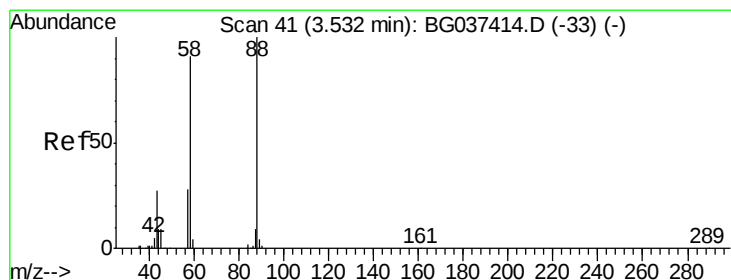
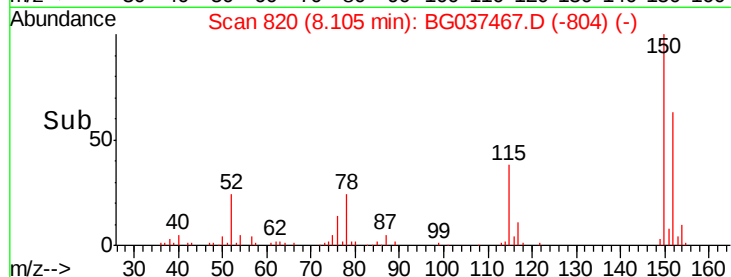
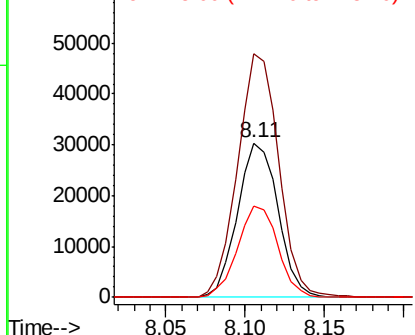
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:152 Resp: 53659
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.0 189.0
 115 59.6 45.5 68.3

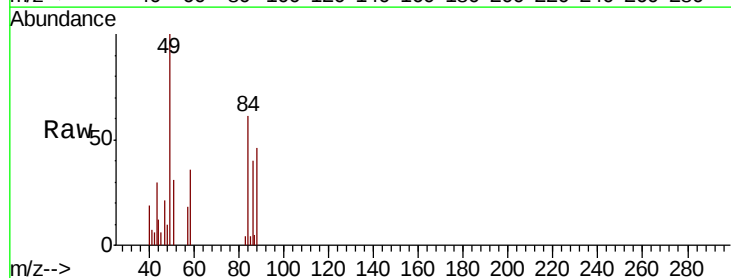


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

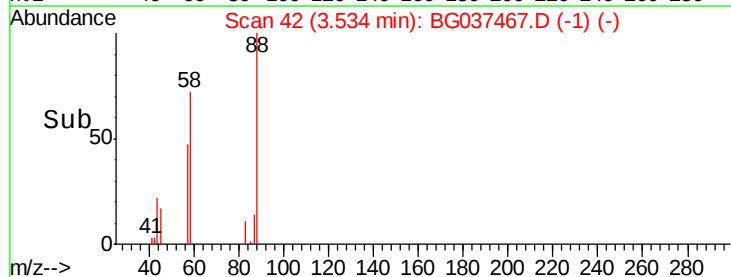
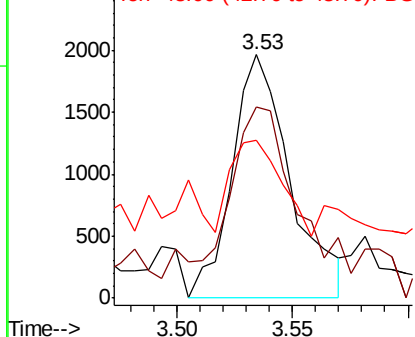


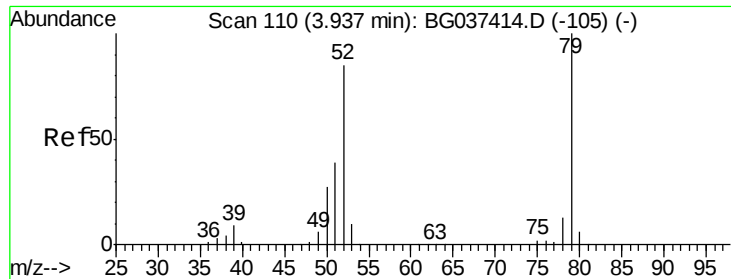
#2
 1,4-Dioxane
 Concen: 2.118 ng
 RT: 3.53 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion: 88 Resp: 3447
 Ion Ratio Lower Upper
 88 100
 58 80.3 74.4 111.6
 43 34.1 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: 1.875 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

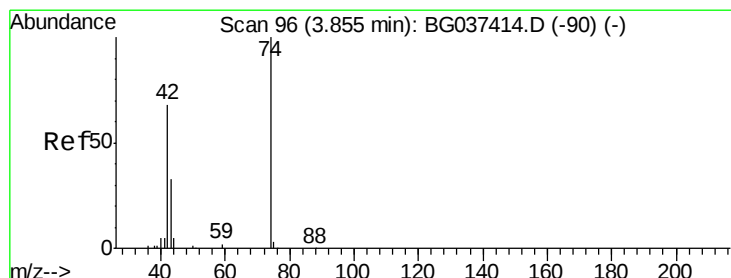
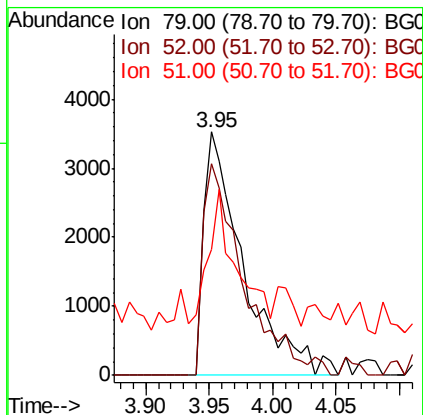
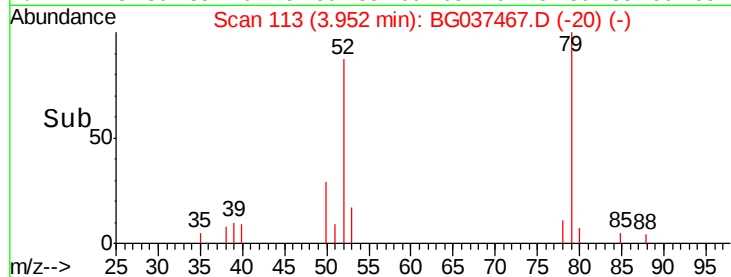
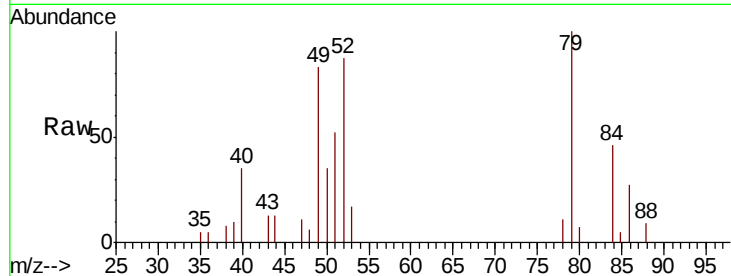
Tgt Ion: 79 Resp: 7694

Ion Ratio Lower Upper

79 100

52 86.7 74.2 111.2

51 51.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 2.063 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

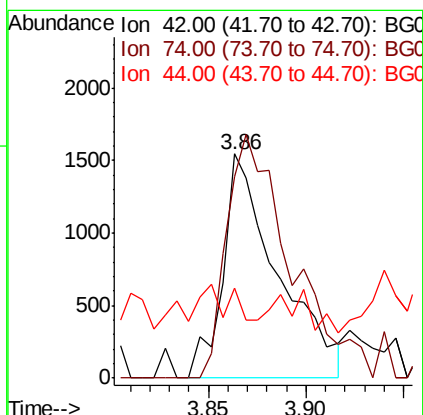
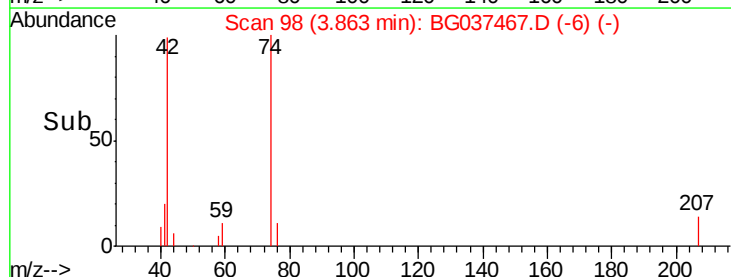
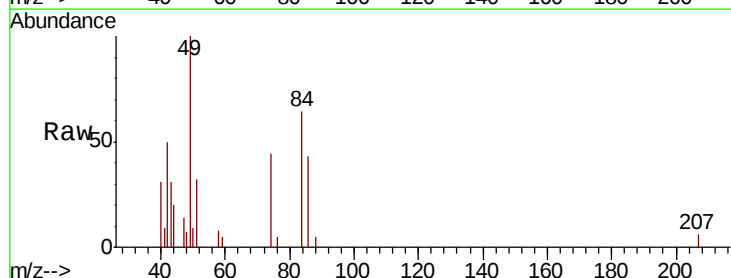
Tgt Ion: 42 Resp: 3015

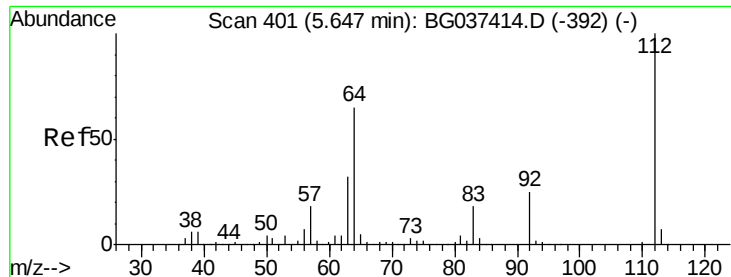
Ion Ratio Lower Upper

42 100

74 89.7 102.0 153.0#

44 39.9 9.6 14.4#





#5

2-Fluorophenol

Concen: 134.460 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

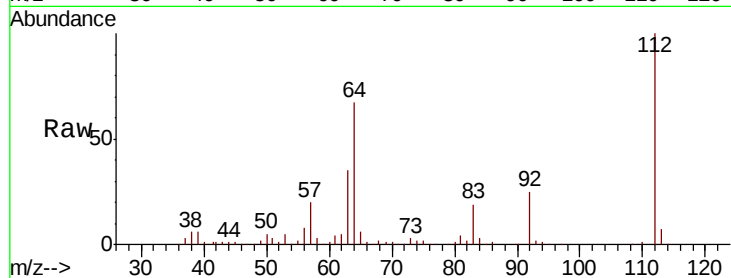
Tgt Ion: 112 Resp: 431555

Ion Ratio Lower Upper

112 100

64 67.2 53.1 79.7

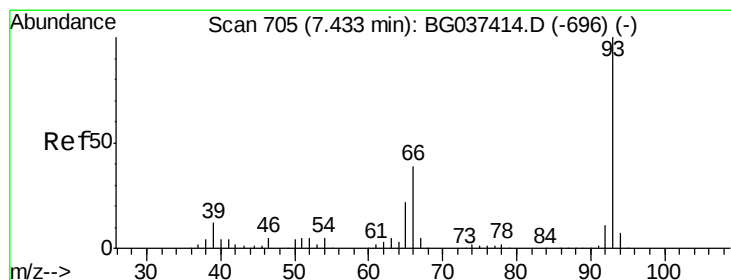
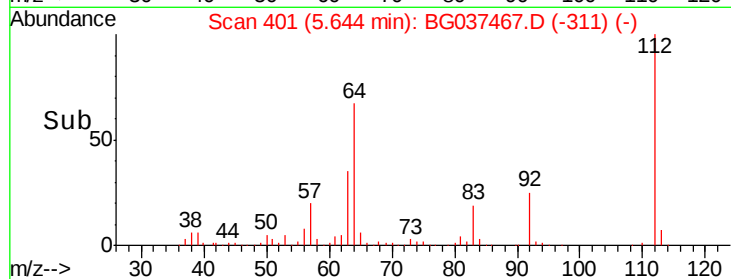
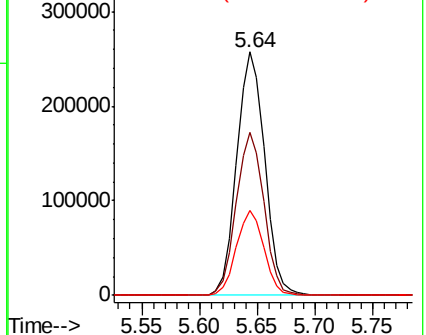
63 34.7 27.3 40.9



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: 1.271 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

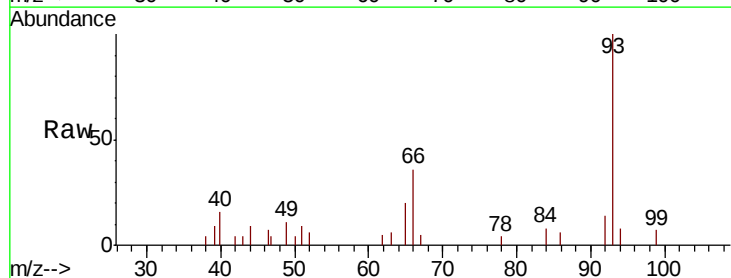
Tgt Ion: 93 Resp: 7527

Ion Ratio Lower Upper

93 100

66 35.6 32.8 49.2

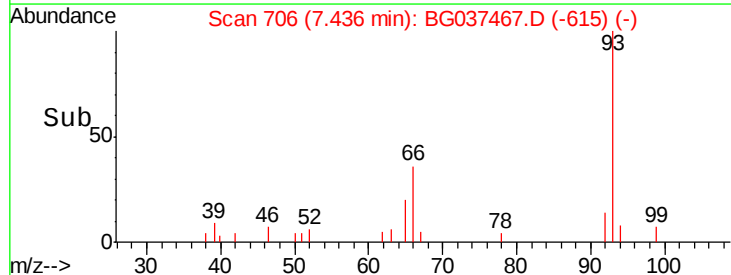
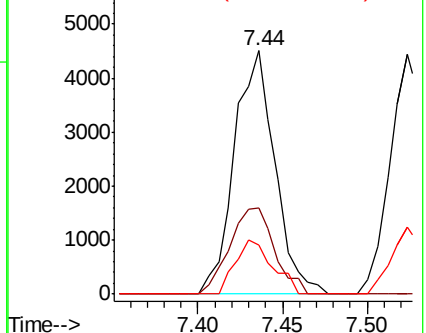
65 19.9 16.4 24.6

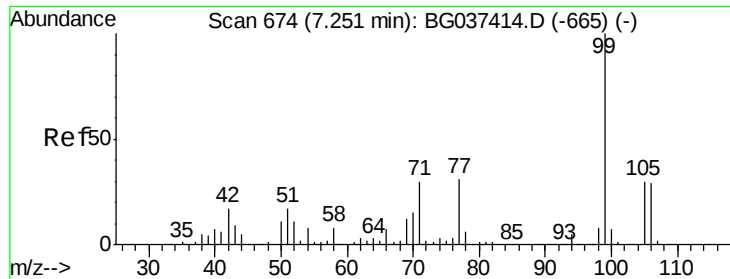


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.135 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037467.D

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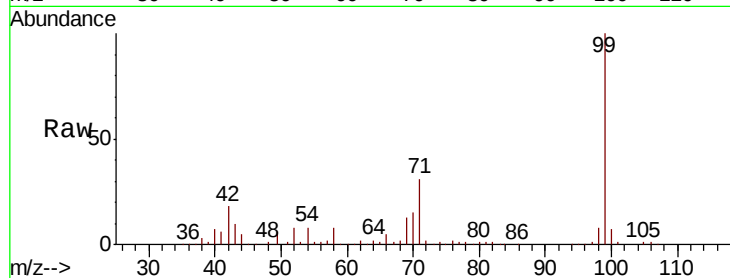
Tgt Ion: 99 Resp: 636430

Ion Ratio Lower Upper

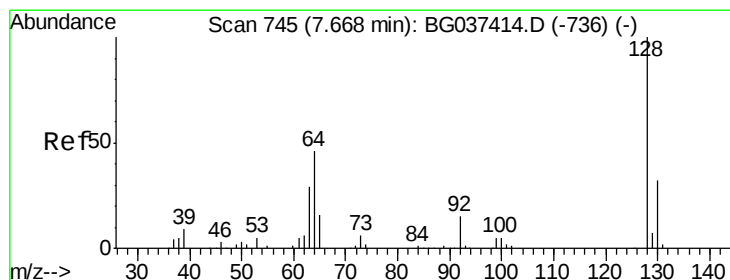
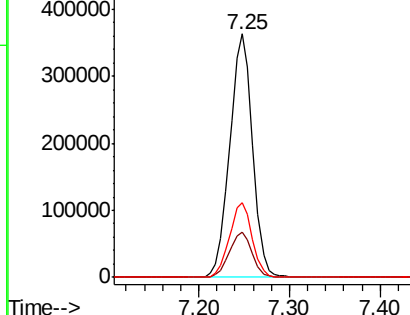
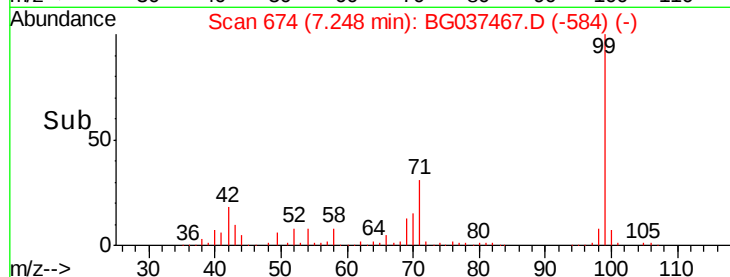
99 100

42 18.4 15.0 22.4

71 30.9 25.5 38.3



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



#8

2-Chlorophenol

Concen: 2.056 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

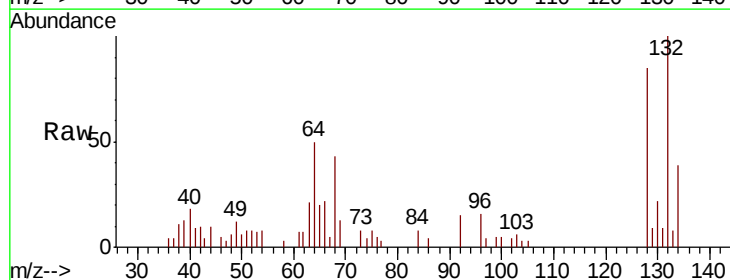
Tgt Ion: 128 Resp: 7720

Ion Ratio Lower Upper

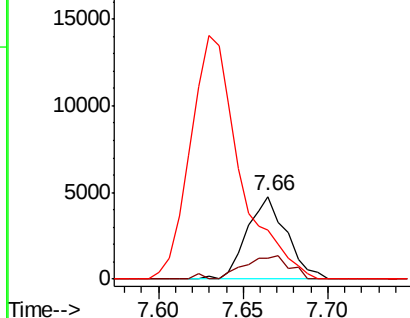
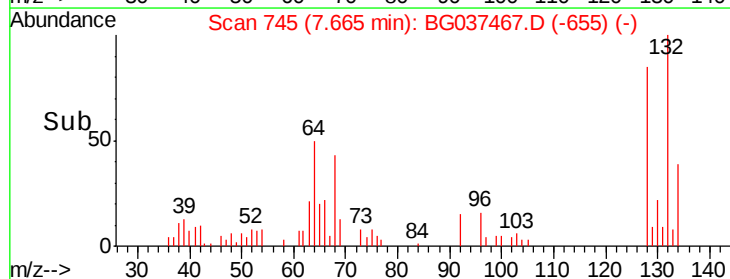
128 100

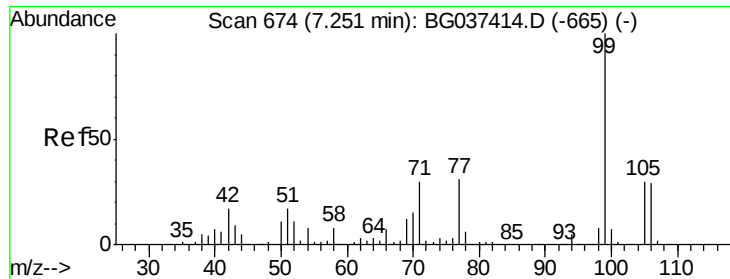
130 25.5 12.0 52.0

64 59.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 2.029 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

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Acq: 20 Oct 2018 1:43

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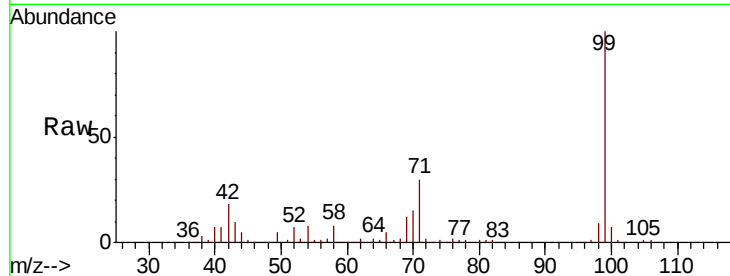
Tgt Ion: 77 Resp: 6161

Ion Ratio Lower Upper

77 100

105 95.4 72.6 112.6

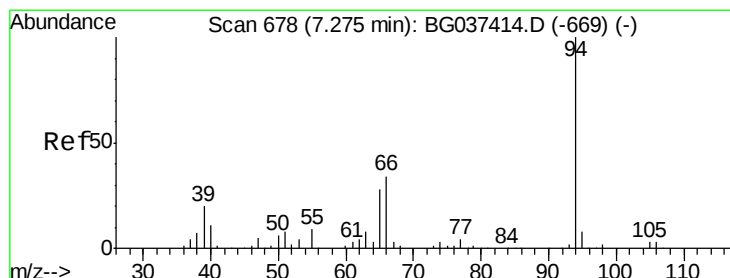
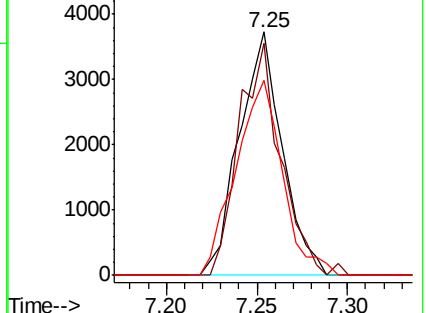
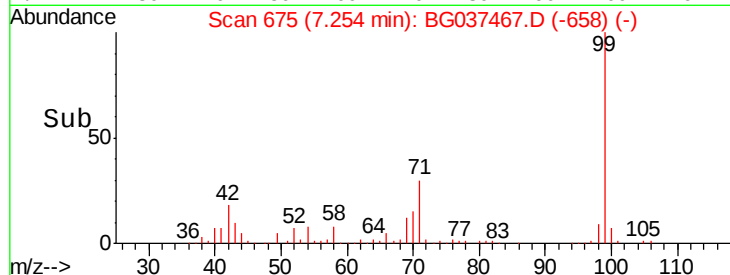
106 80.0 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.881 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

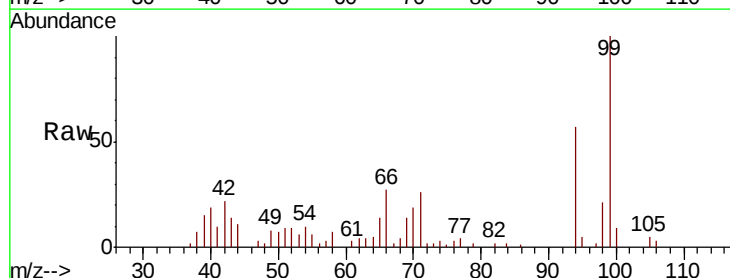
Tgt Ion: 94 Resp: 9632

Ion Ratio Lower Upper

94 100

65 25.1 9.7 49.7

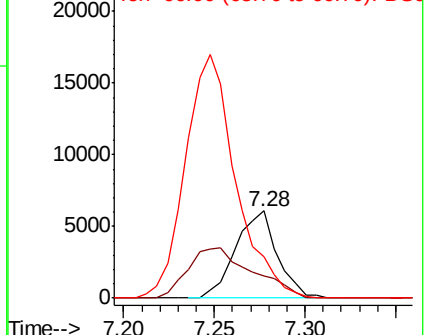
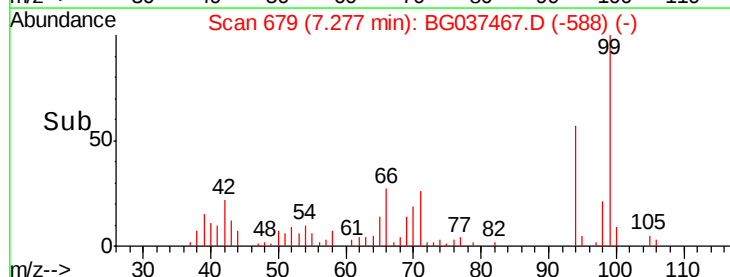
66 47.7 15.9 55.9

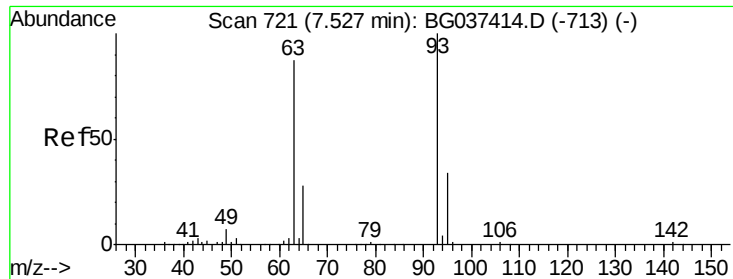


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 1.892 ng

RT: 7.52 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

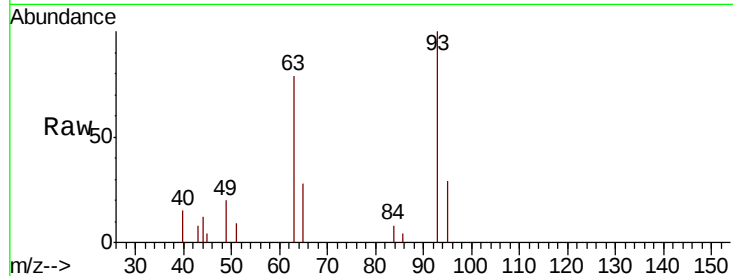
Tgt Ion: 93 Resp: 7359

Ion Ratio Lower Upper

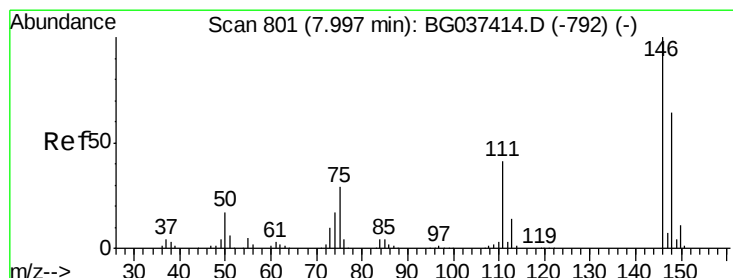
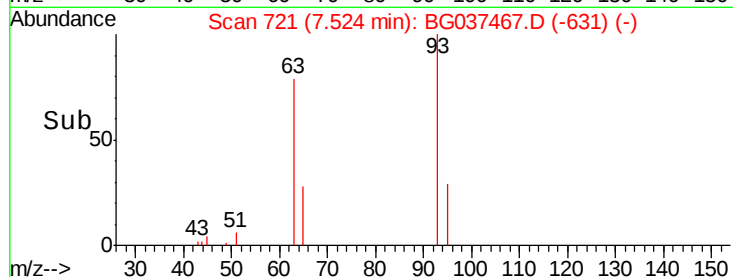
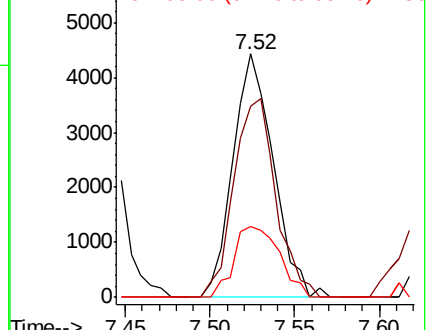
93 100

63 78.6 69.5 109.5

95 29.2 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 1.960 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

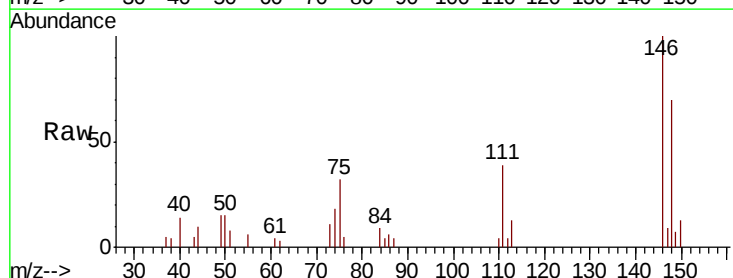
Tgt Ion: 146 Resp: 8192

Ion Ratio Lower Upper

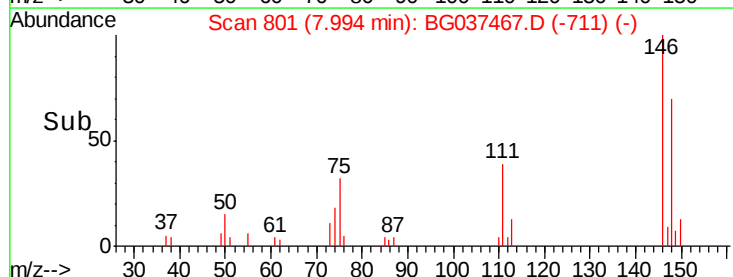
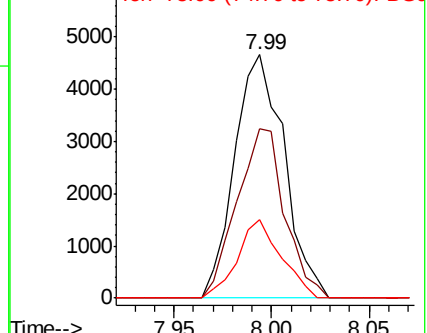
146 100

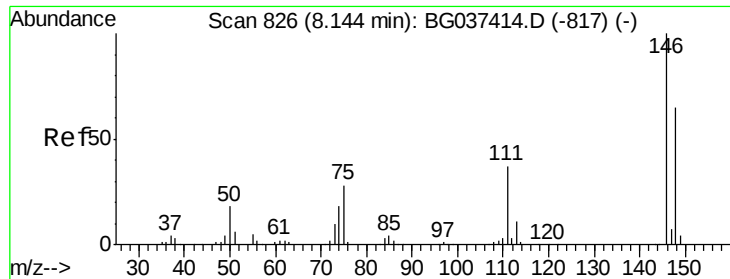
148 69.8 49.8 74.8

75 32.4 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

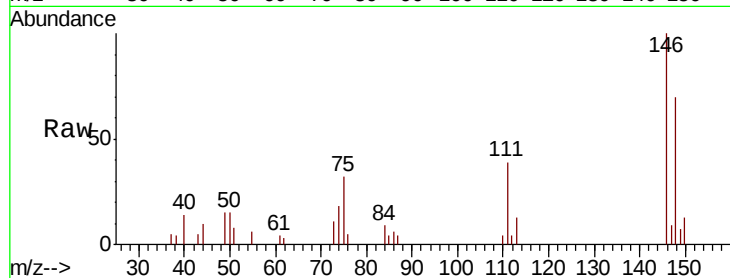




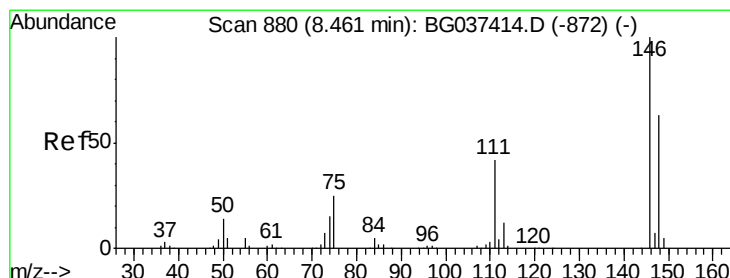
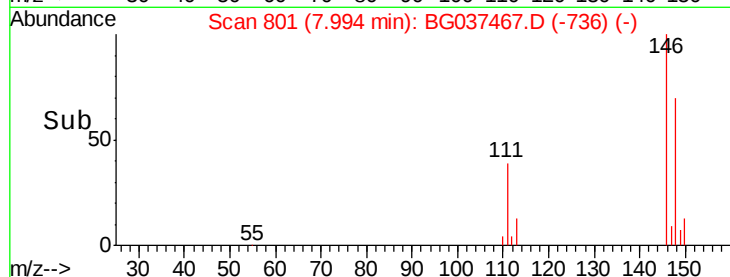
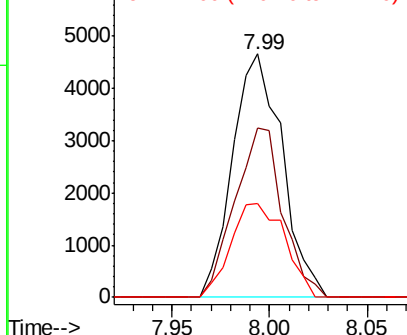
#13
 1,4-Dichlorobenzene
 Concen: 1.916 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.15 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:146 Resp: 8192
 Ion Ratio Lower Upper
 146 100
 148 69.8 51.0 76.6
 111 38.8 32.4 48.6

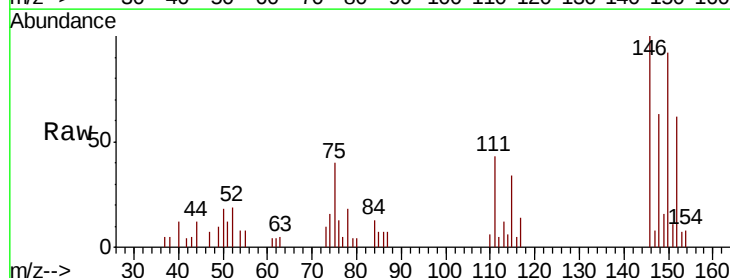


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

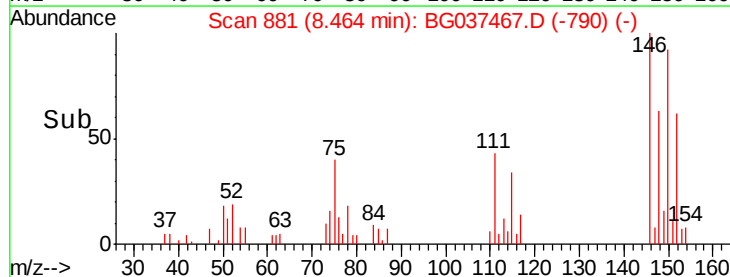
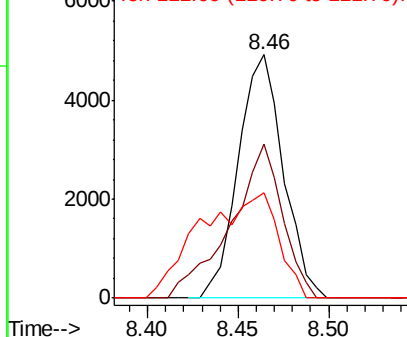


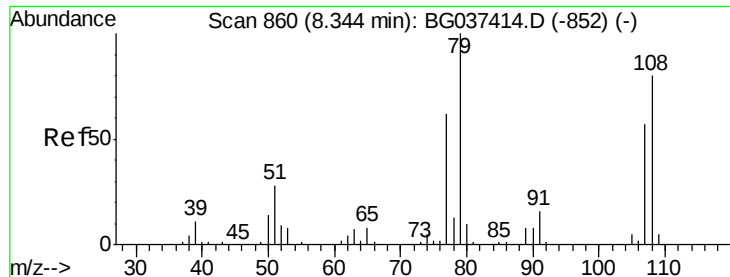
#14
 1,2-Dichlorobenzene
 Concen: 2.060 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion:146 Resp: 8472
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 43.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 1.711 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

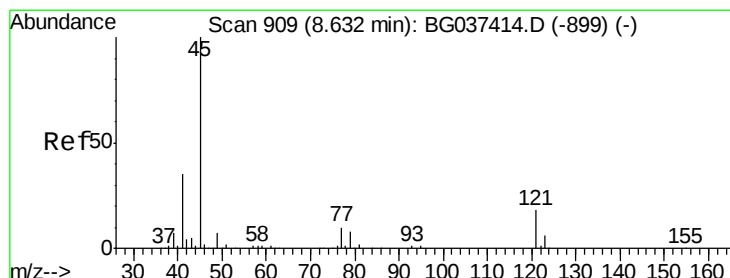
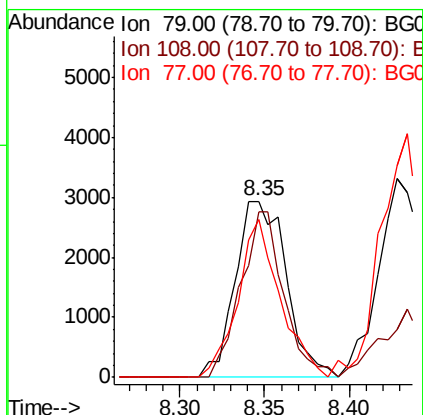
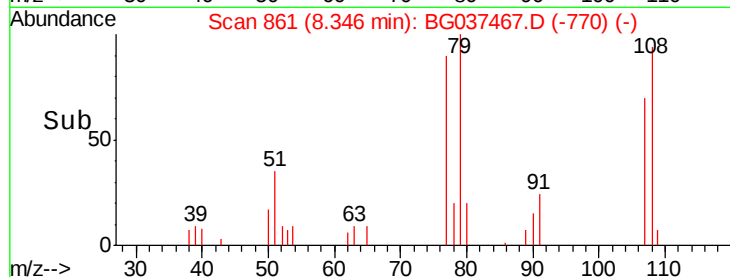
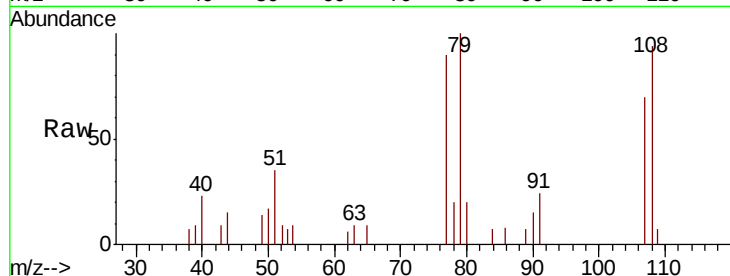
Tgt Ion: 79 Resp: 6137

Ion Ratio Lower Upper

79 100

108 94.1 65.8 98.8

77 89.6 52.9 79.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.023 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

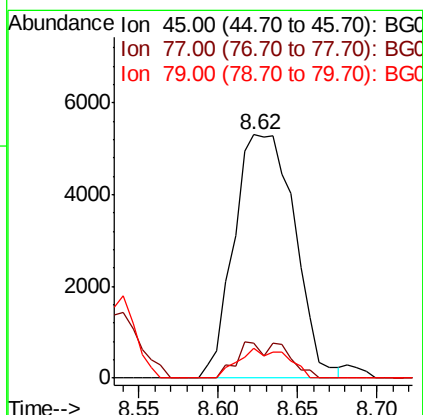
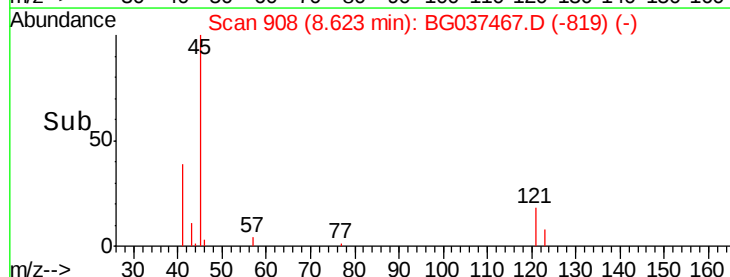
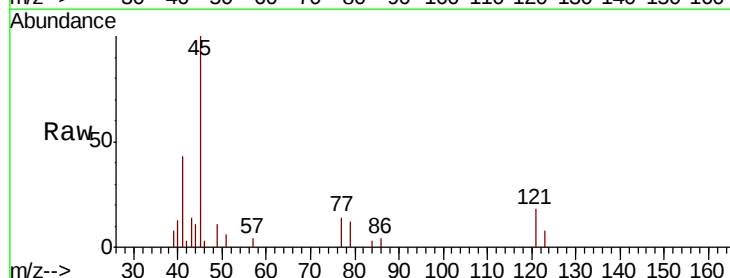
Tgt Ion: 45 Resp: 14081

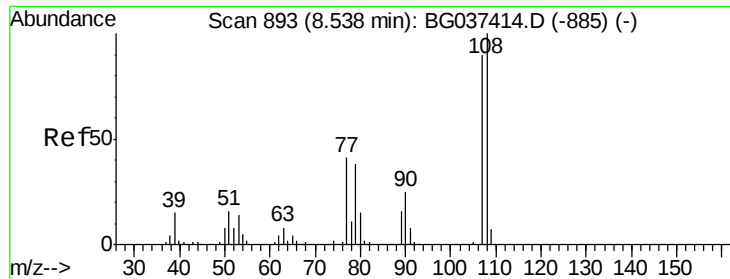
Ion Ratio Lower Upper

45 100

77 14.1 0.0 30.0

79 12.3 0.0 29.0

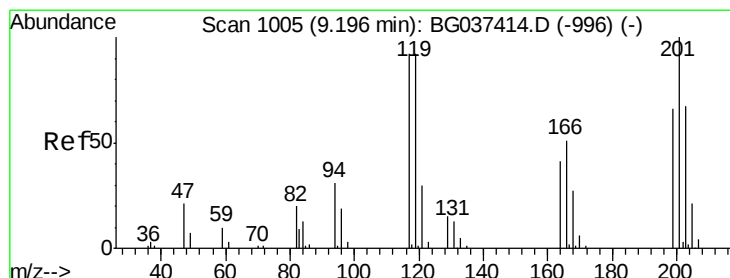
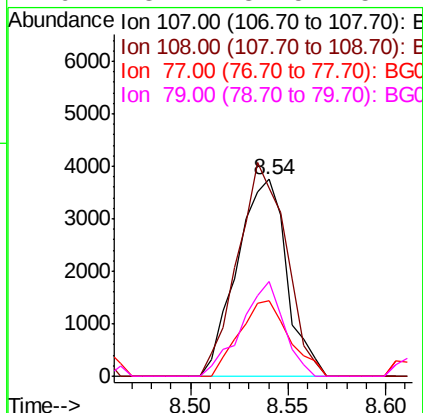
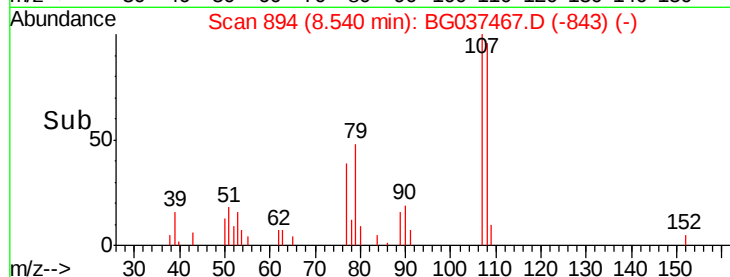
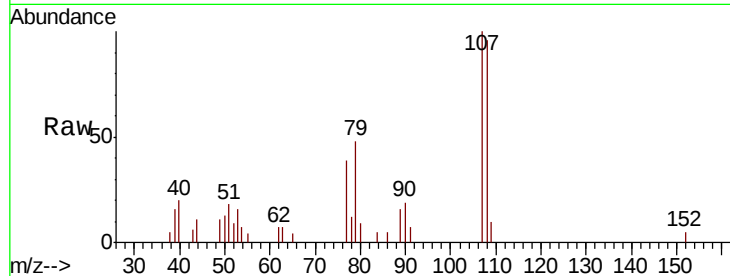




#17
2-Methylphenol
Concen: 1.958 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

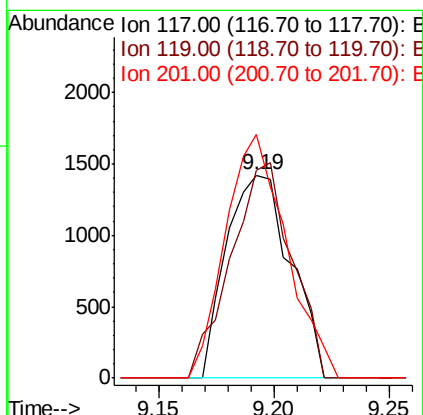
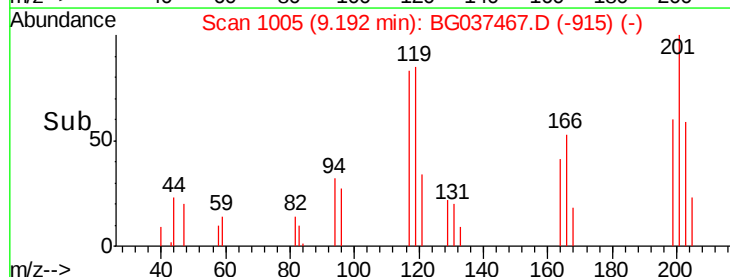
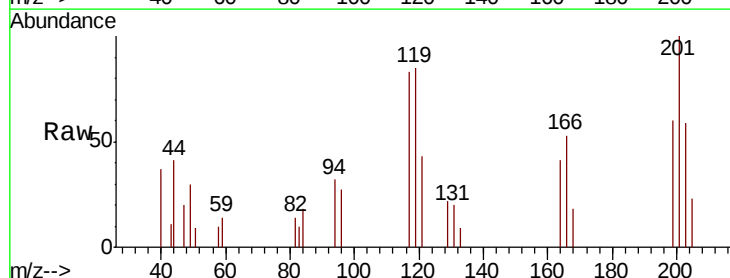
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

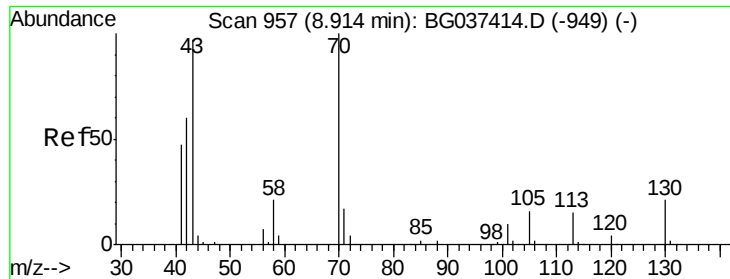
Tgt Ion:	107	Resp:	6628
Ion	Ratio	Lower	Upper
107	100		
108	96.1	87.9	131.9
77	38.6	35.1	52.7
79	48.1	34.5	51.7



#18
Hexachloroethane
Concen: 1.882 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	117	Resp:	2744
Ion	Ratio	Lower	Upper
117	100		
119	102.3	74.6	111.8
201	120.0	80.8	121.2

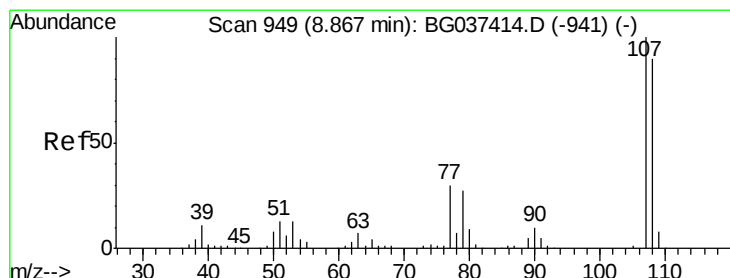
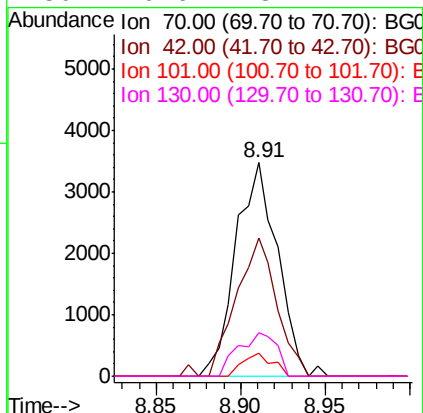
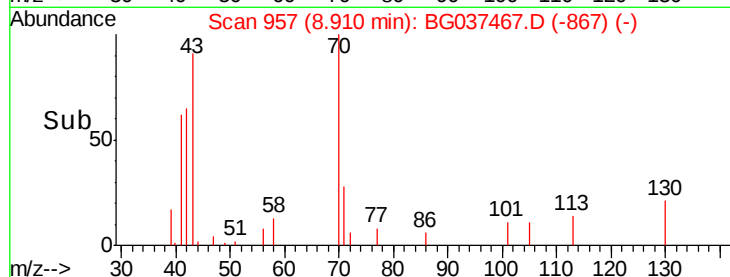
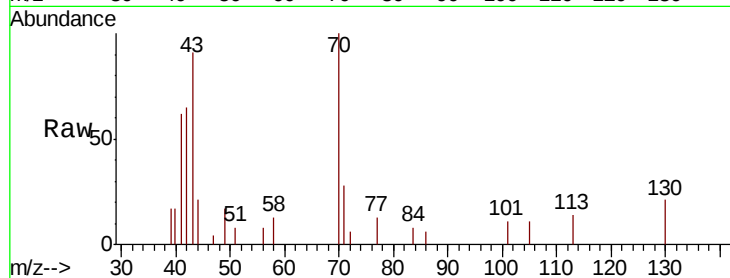




#19
n-Nitroso-di-n-propylamine
Concen: 1.781 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

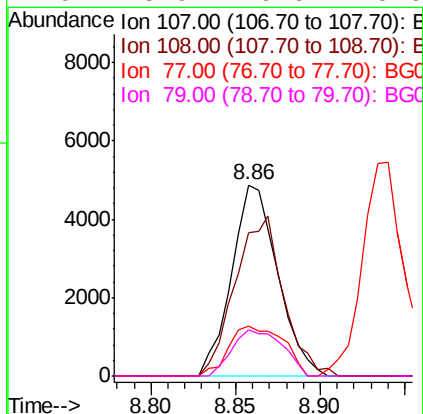
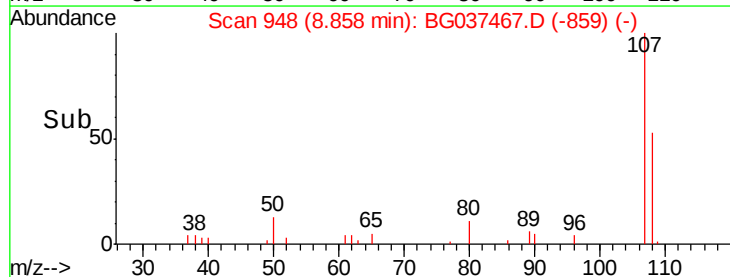
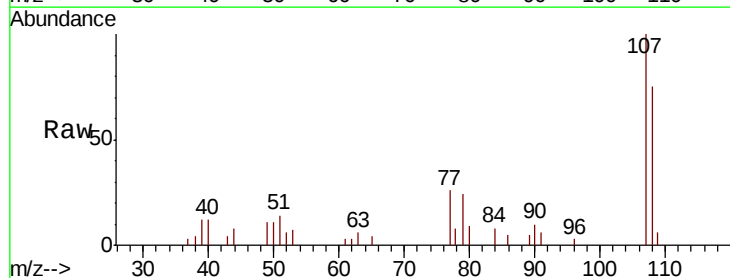
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

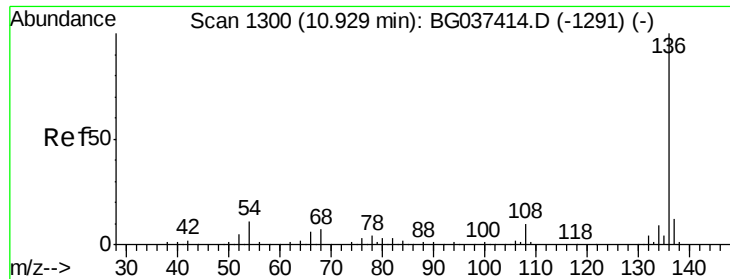
Tgt Ion:	70	Resp:	5953
Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.9	80.9
101	10.7	8.2	12.2
130	20.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 1.908 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	107	Resp:	9236
Ion	Ratio	Lower	Upper
107	100		
108	74.9	69.9	109.9
77	26.2	11.2	51.2
79	23.9	6.6	46.6

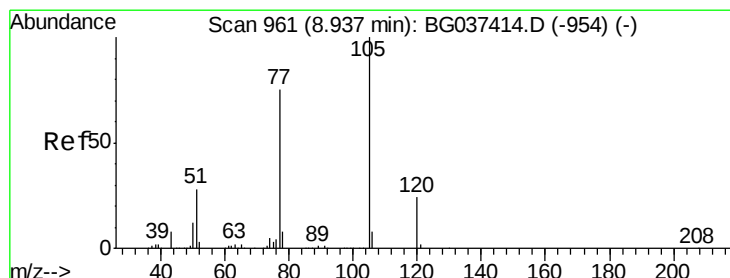
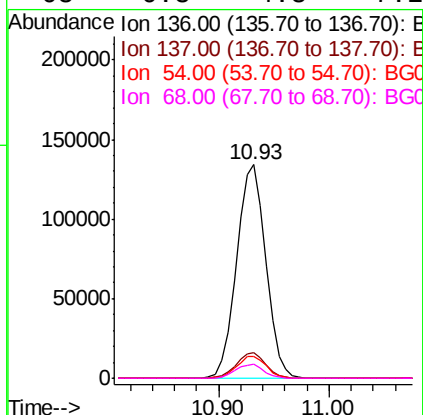
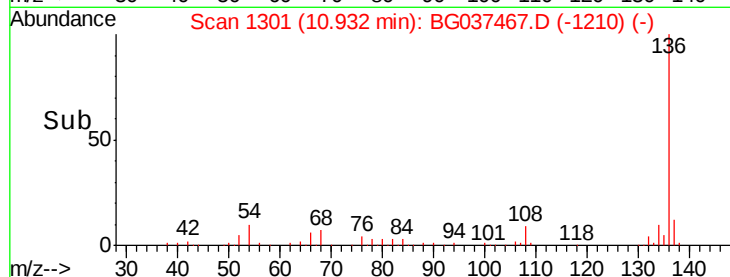
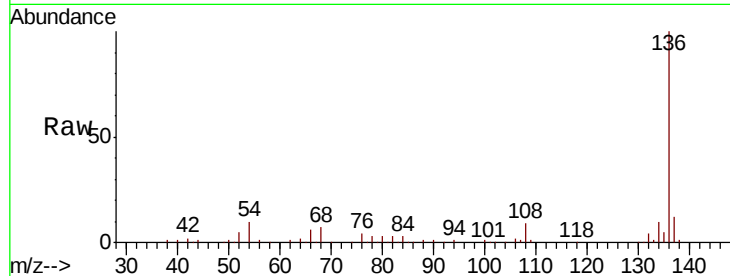




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

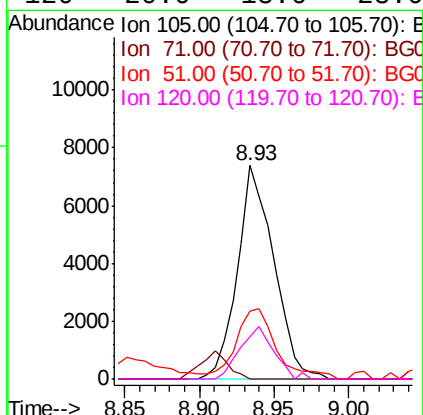
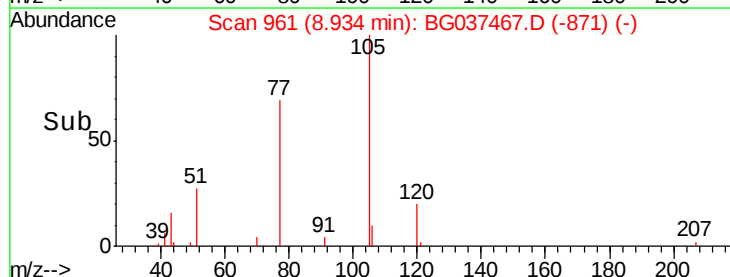
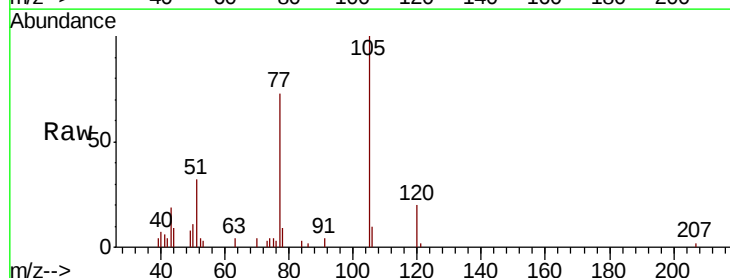
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

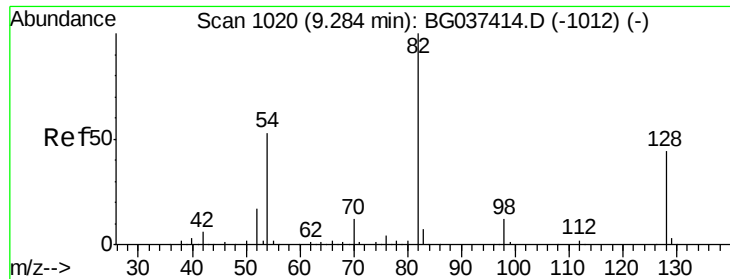
Tgt Ion:	136	Resp:	248691
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.0	7.9	11.9
68	6.8	4.8	7.2



#22
Acetophenone
Concen: 1.999 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	105	Resp:	12466
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	31.8	25.0	37.6
120	20.0	18.6	28.0

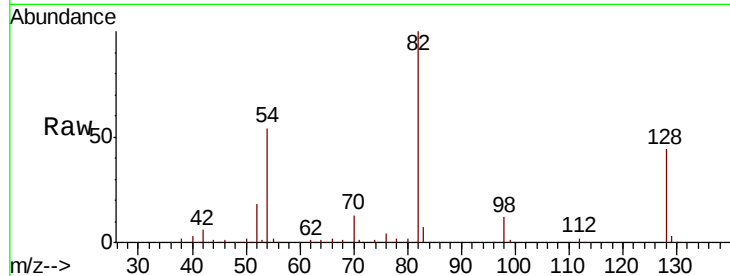




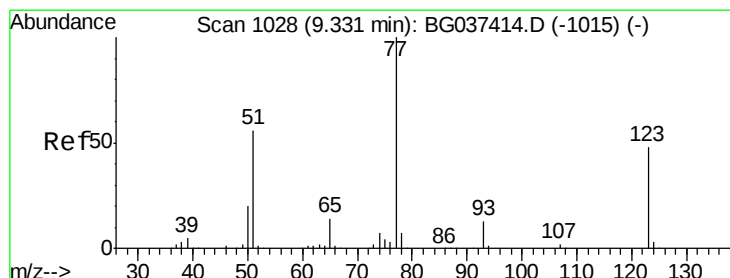
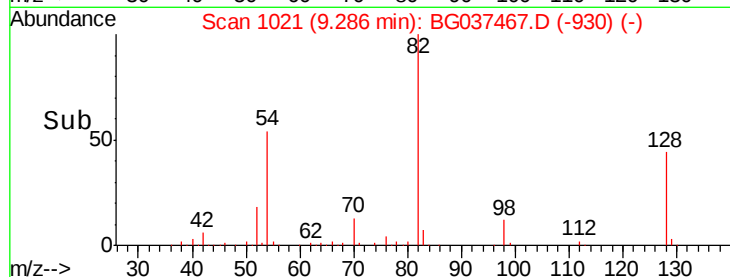
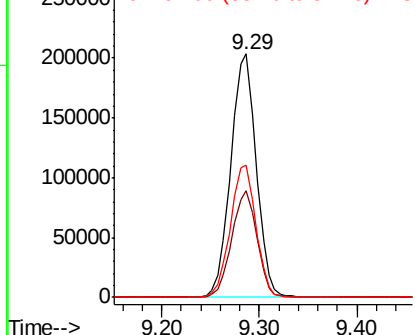
#23
 Nitrobenzene-d5
 Concen: 83.211 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion: 82 Resp: 369409
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 54.3 45.3 67.9

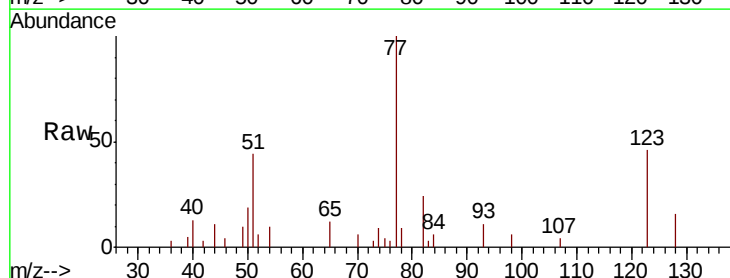


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

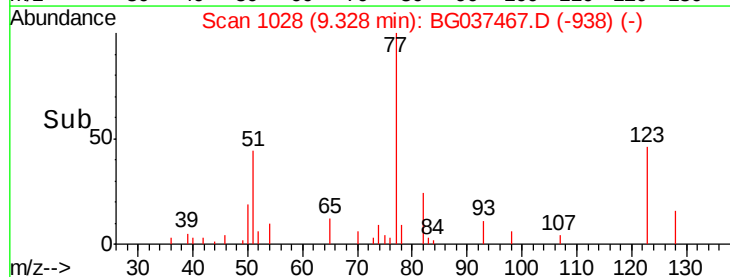
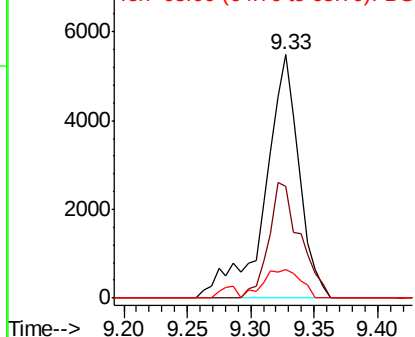


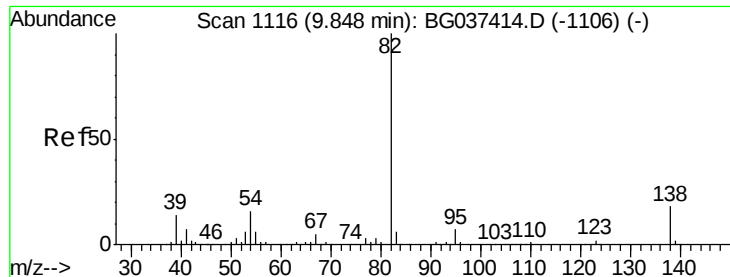
#24
 Nitrobenzene
 Concen: 2.213 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion: 77 Resp: 10207
 Ion Ratio Lower Upper
 77 100
 123 45.7 33.6 50.4
 65 12.0 11.3 16.9



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





#25

Isophorone

Concen: 2.141 ng

RT: 9.84 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

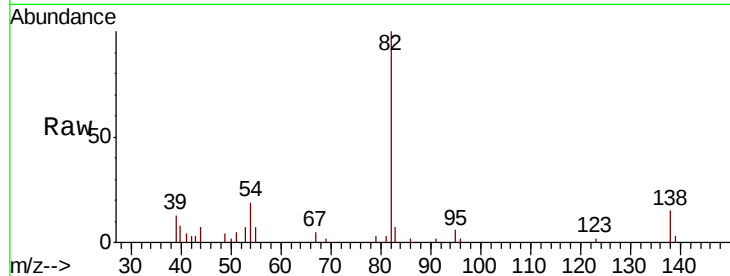
Tgt Ion: 82 Resp: 17363

Ion Ratio Lower Upper

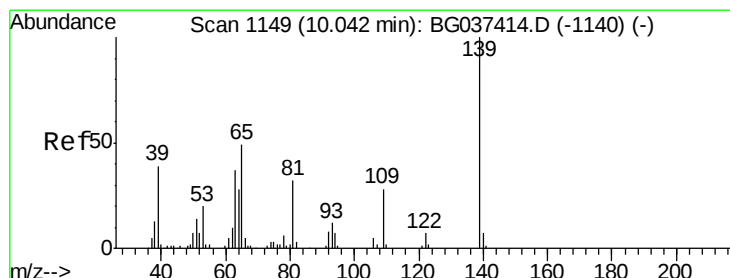
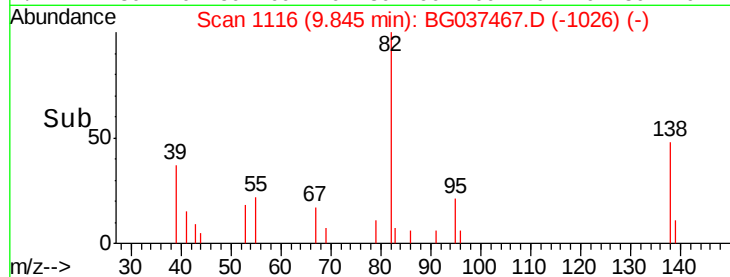
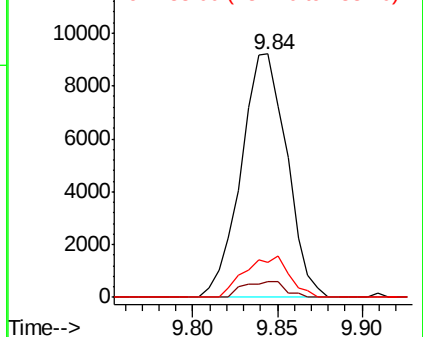
82 100

95 6.5 5.3 7.9

138 14.5 13.3 19.9



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



#26

2-Nitrophenol

Concen: 1.562 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

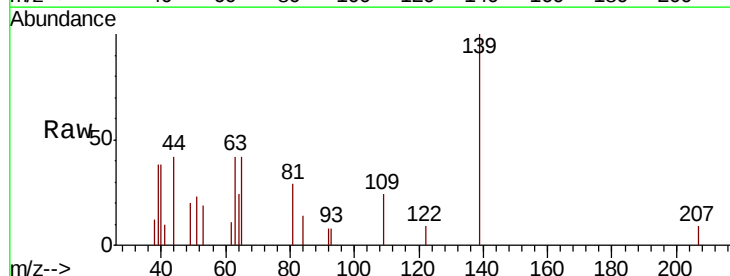
Tgt Ion: 139 Resp: 3245

Ion Ratio Lower Upper

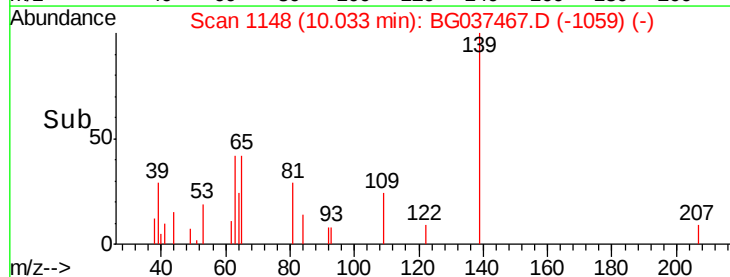
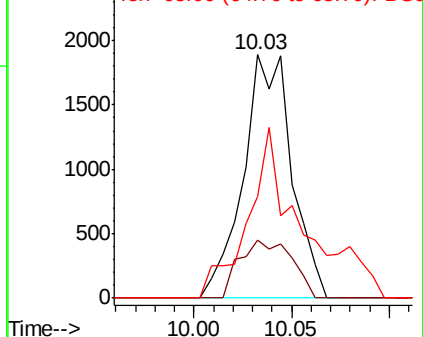
139 100

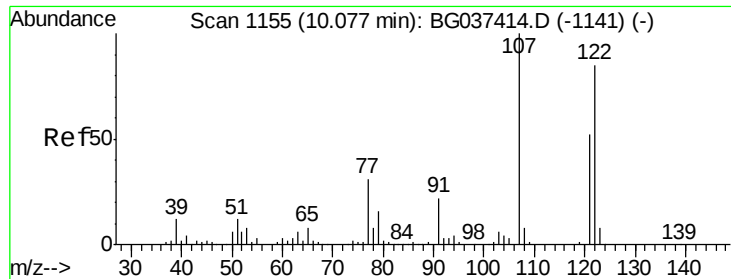
109 23.9 23.3 34.9

65 41.5 39.8 59.8



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

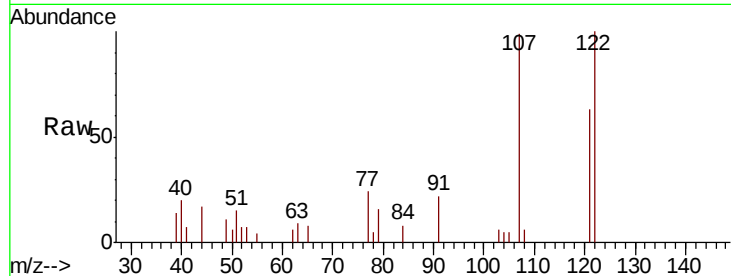




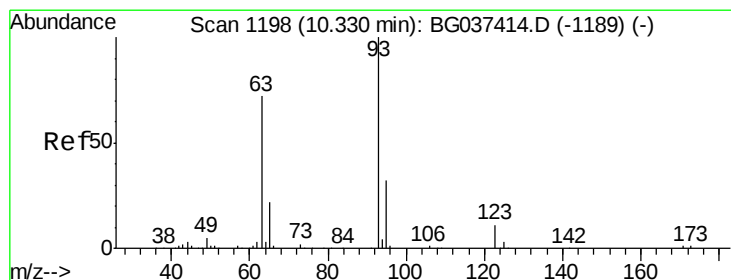
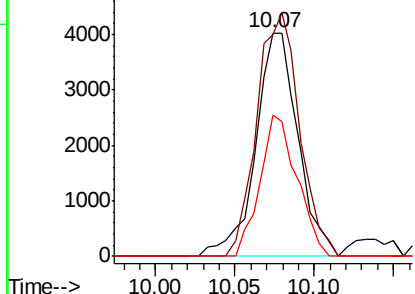
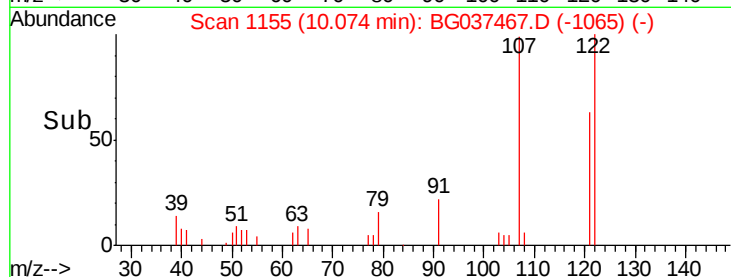
#27
 2,4-Dimethylphenol
 Concen: 2.015 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion: 122 Resp: 7475
 Ion Ratio Lower Upper
 122 100
 107 99.1 94.2 141.2
 121 63.1 47.3 70.9

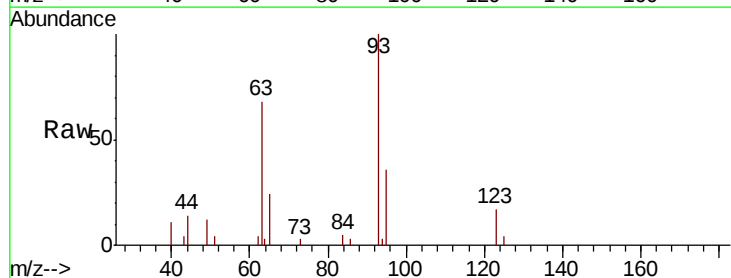


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

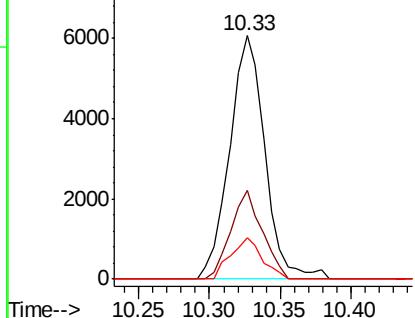
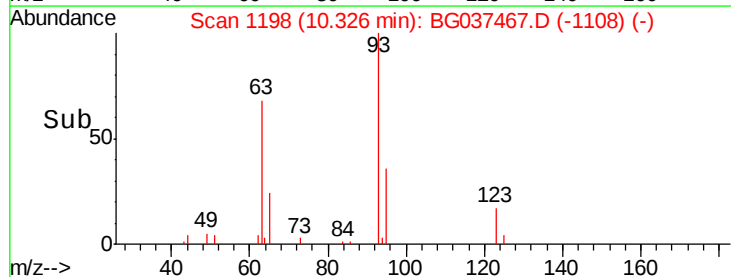


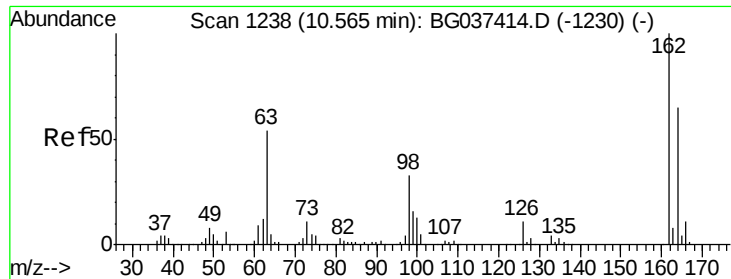
#28
 bis(2-Chloroethoxy)methane
 Concen: 1.987 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion: 93 Resp: 10561
 Ion Ratio Lower Upper
 93 100
 95 36.4 24.6 37.0
 123 17.0 9.1 13.7#



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

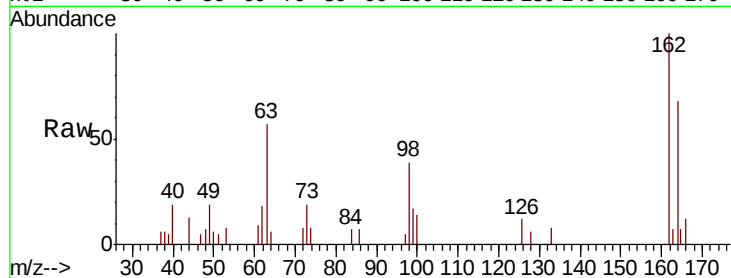




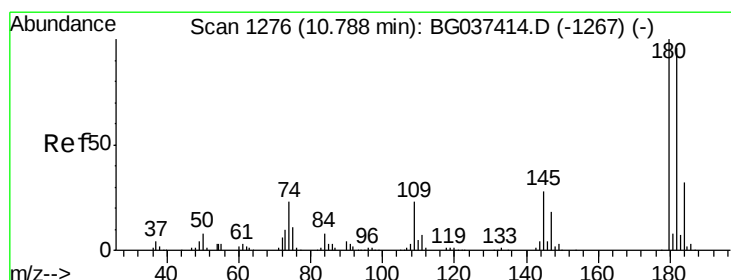
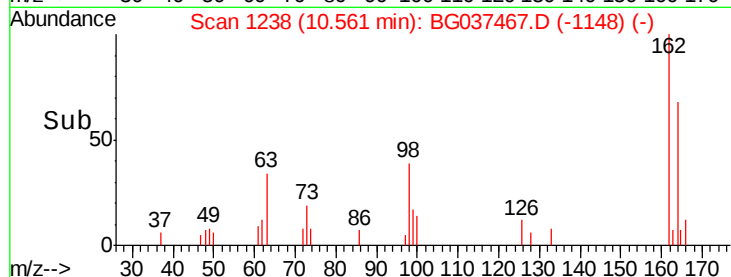
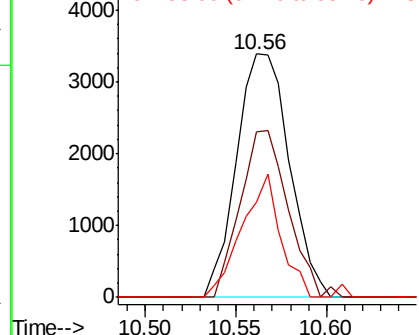
#29
2,4-Dichlorophenol
Concen: 1.662 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:162 Resp: 6865
Ion Ratio Lower Upper
162 100
164 75.3 43.2 83.2
98 38.9 16.0 56.0

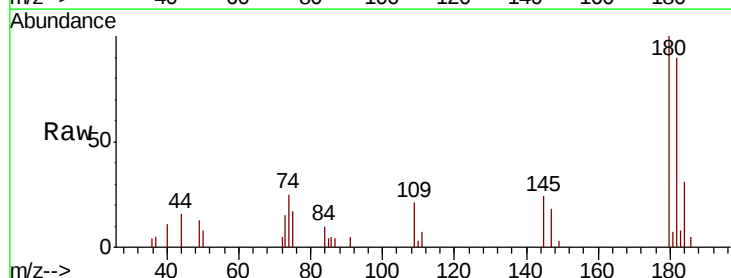


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

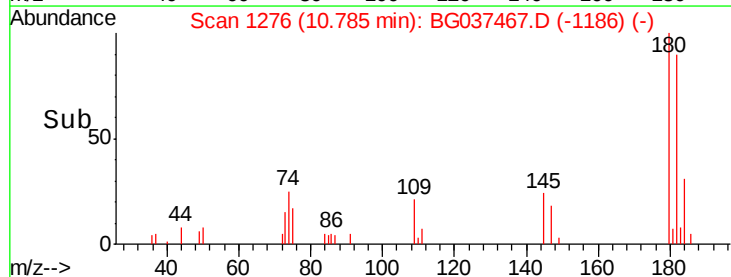
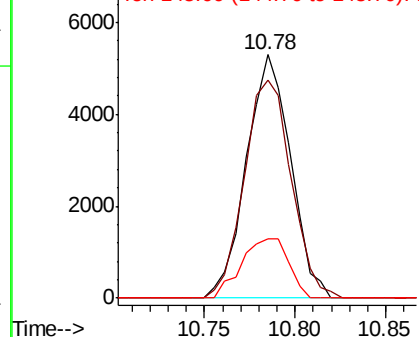


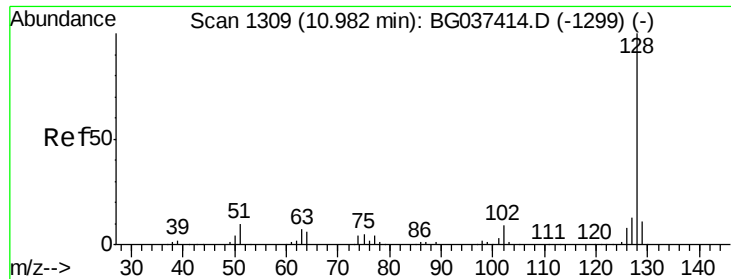
#30
1,2,4-Trichlorobenzene
Concen: 1.993 ng
RT: 10.78 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:180 Resp: 8953
Ion Ratio Lower Upper
180 100
182 89.7 77.7 116.5
145 24.2 23.3 34.9



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

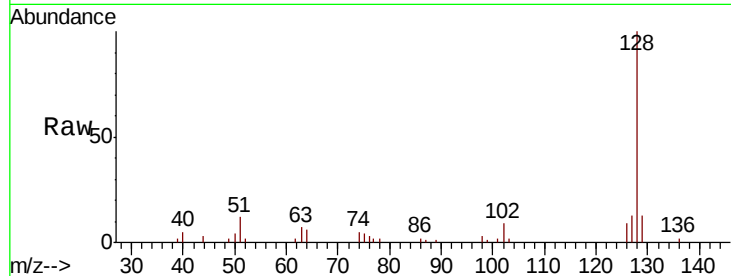




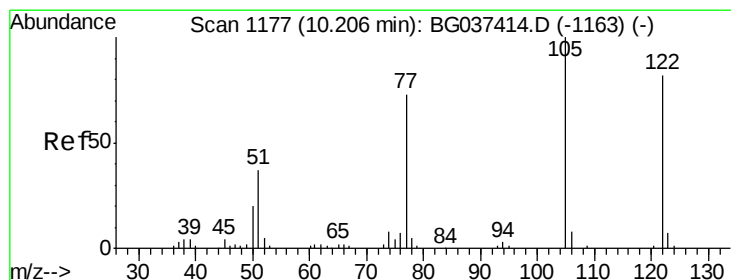
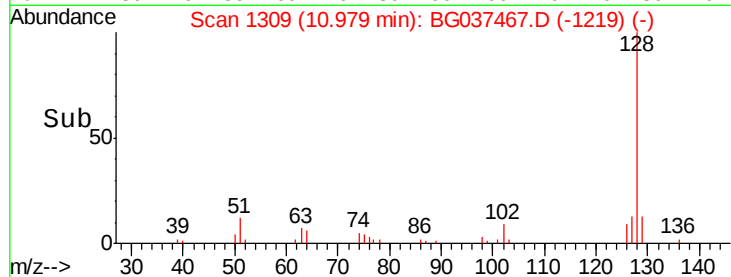
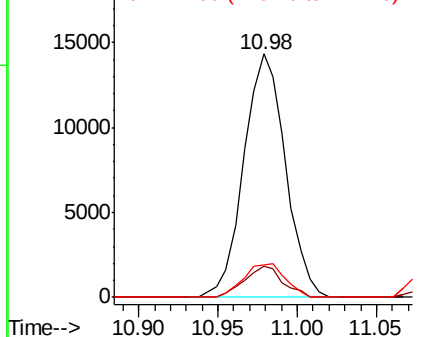
#31
Naphthalene
Concen: 2.141 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:128 Resp: 26155
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 13.1 11.1 16.7

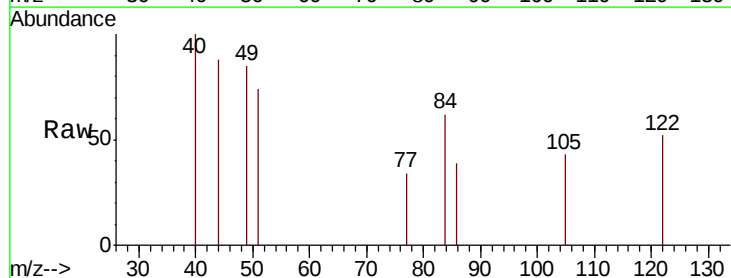


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

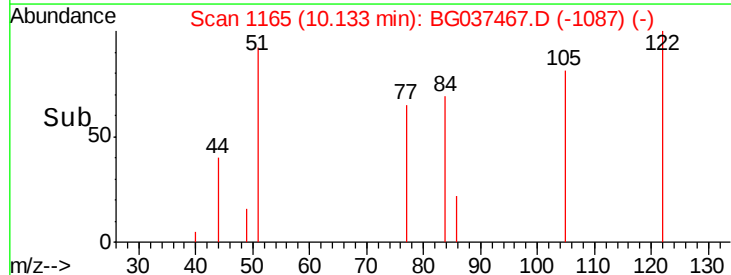
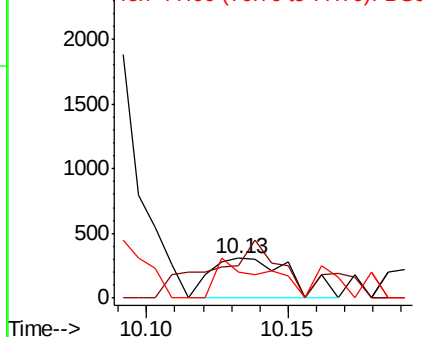


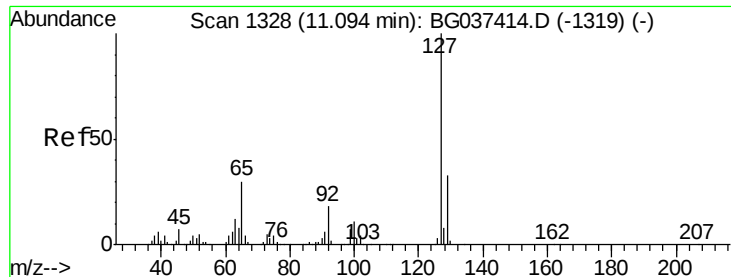
#32
Benzoic acid
Concen: 0.256 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:122 Resp: 617
Ion Ratio Lower Upper
122 100
105 81.2 106.7 146.7#
77 64.9 72.2 112.2#



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

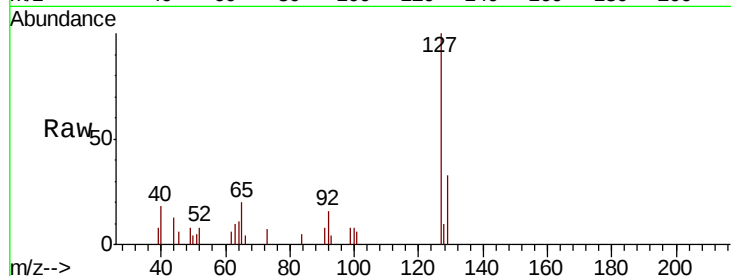




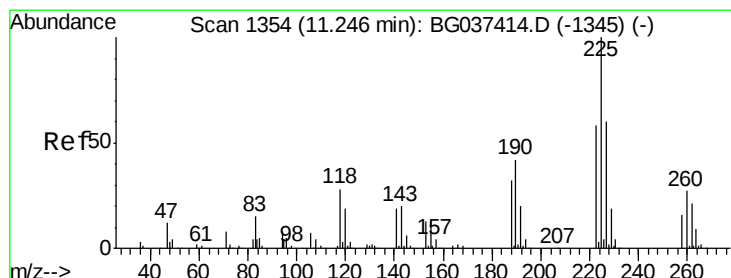
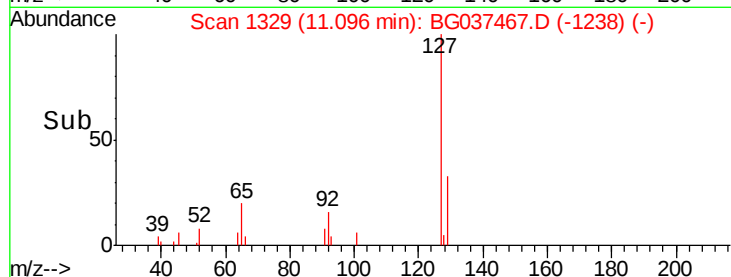
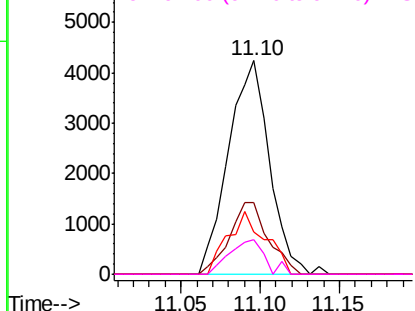
#33
4-Chloroaniline
Concen: 1.328 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:	127	Resp:	7619
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.1	40.7
65	19.7	26.6	39.8#
92	16.0	16.4	24.6#

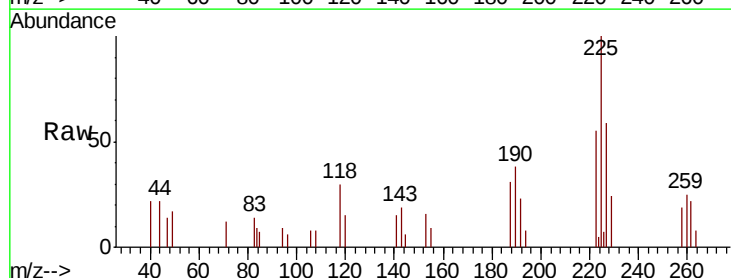


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

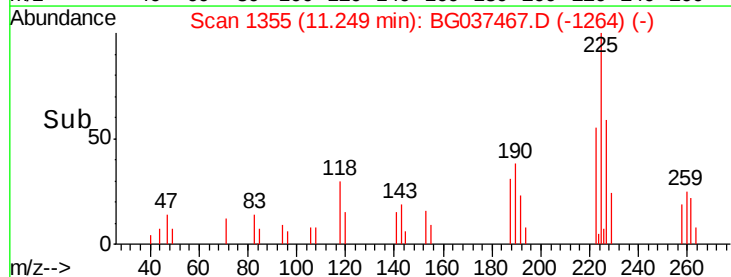
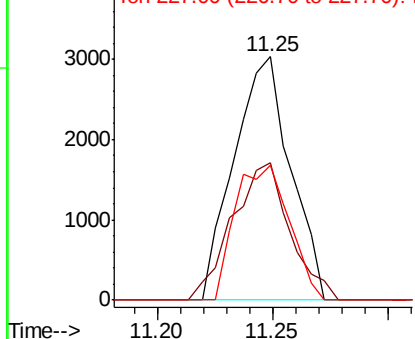


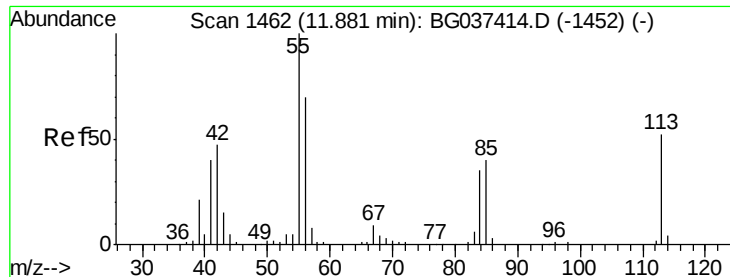
#34
Hexachlorobutadiene
Concen: 1.940 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	225	Resp:	5164
Ion	Ratio	Lower	Upper
225	100		
223	56.6	48.2	72.4
227	55.6	51.6	77.4



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





#35

Caprolactam

Concen: 1.161 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

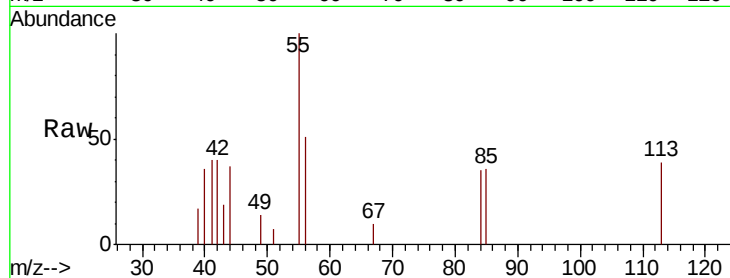
Tgt Ion:113 Resp: 1923

Ion Ratio Lower Upper

113 100

55 257.7 176.6 216.6#

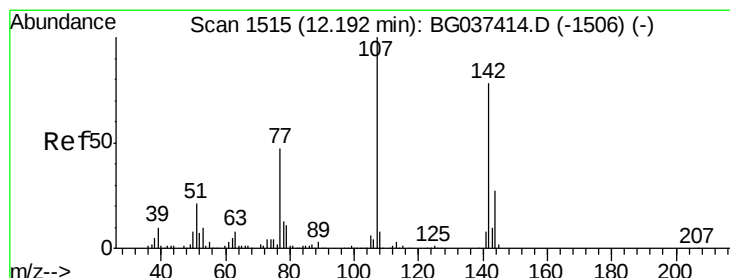
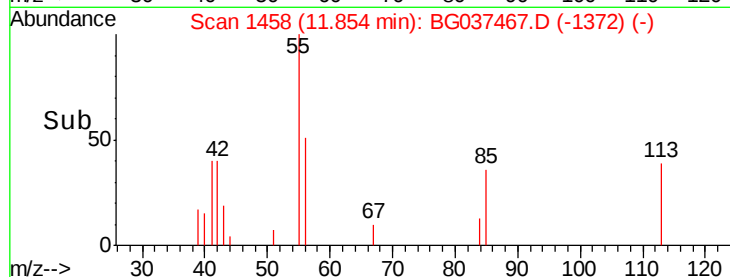
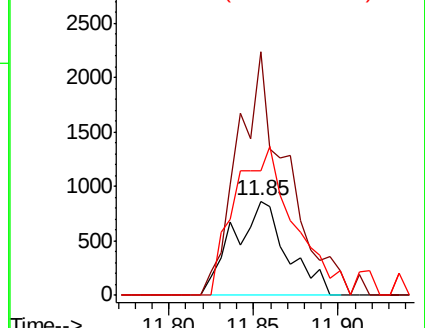
56 131.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 1.576 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

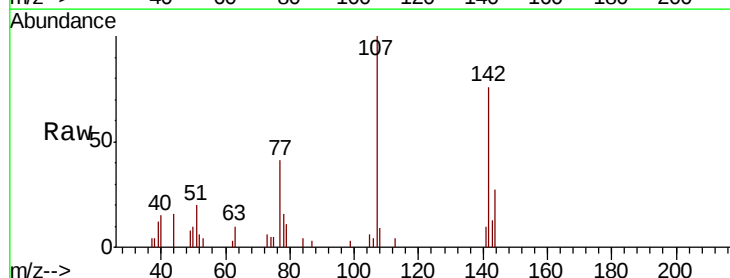
Tgt Ion:107 Resp: 7341

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

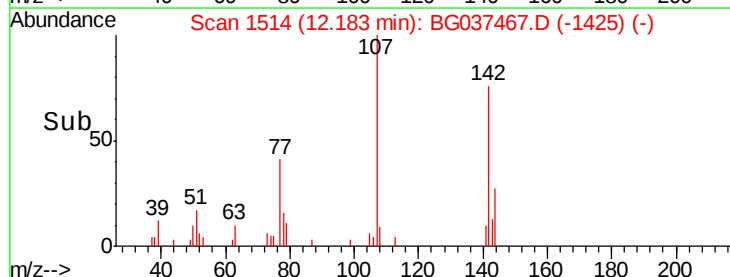
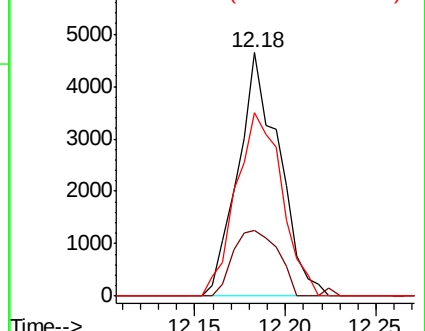
142 75.5 64.4 96.6

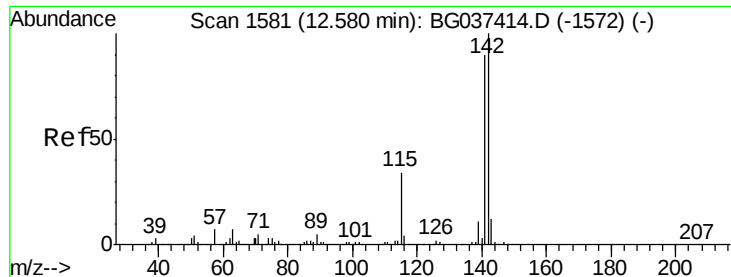


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

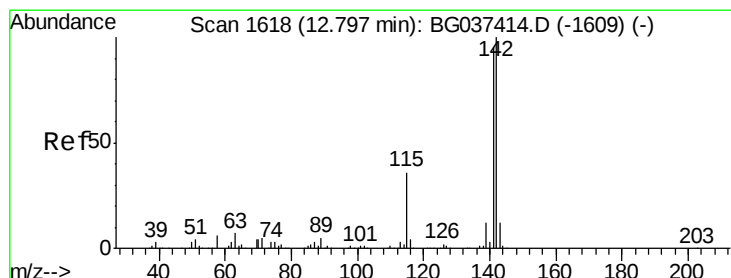
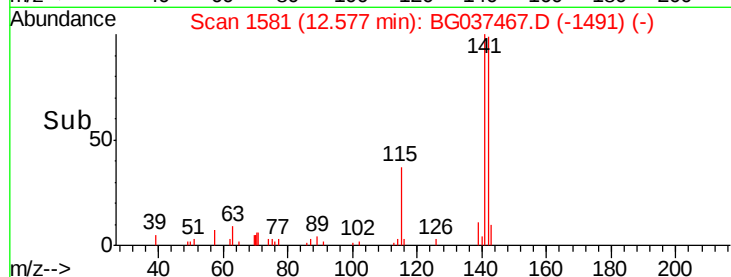
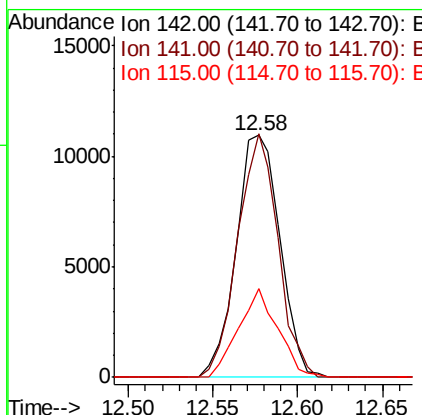
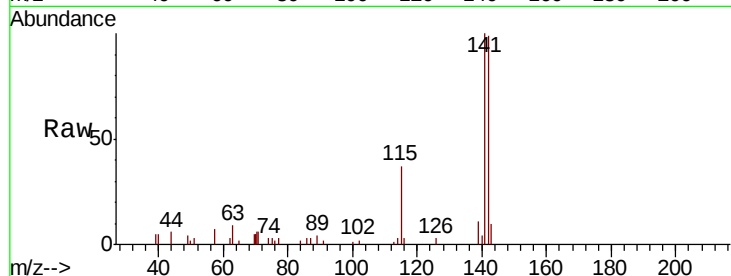




#37
2-Methylnaphthalene
Concen: 2.211 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

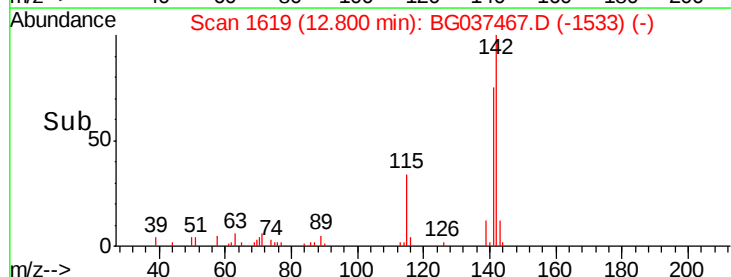
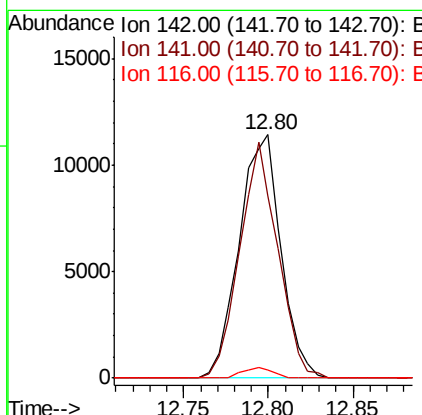
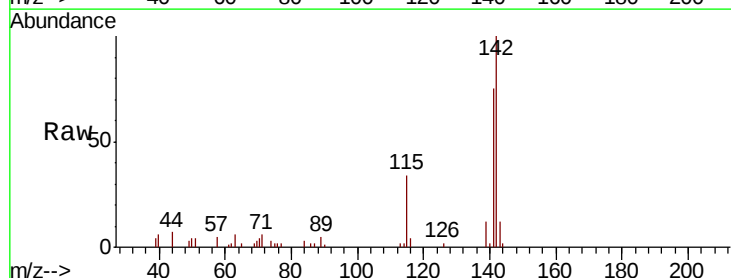
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

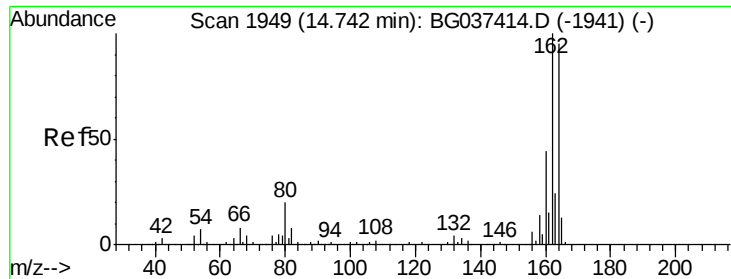
Tgt Ion	Ratio	Lower	Upper
142	100		
141	100.6	71.9	107.9
115	36.8	27.8	41.8



#38
1-Methylnaphthalene
Concen: 2.271 ng
RT: 12.80 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	75.0	75.2	112.8#
116	3.6	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: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

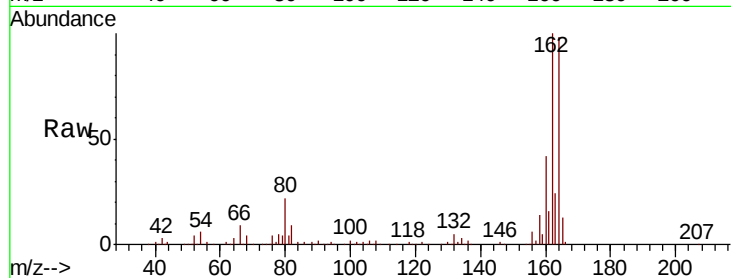
Tgt Ion:164 Resp: 166475

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 42.9 36.3 54.5

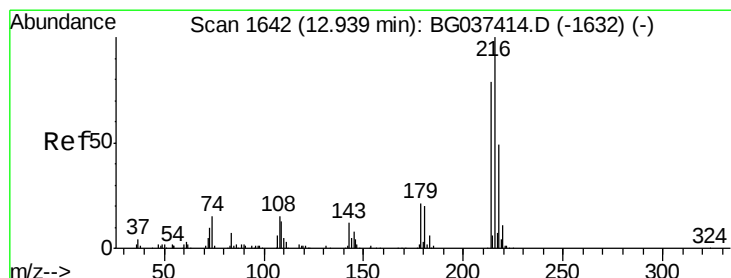
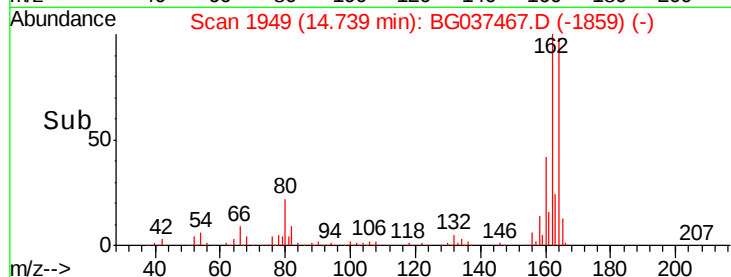
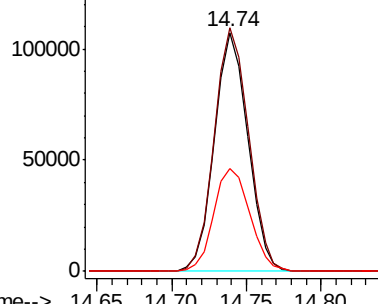


Abundance

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: 1.932 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Tgt Ion:216 Resp: 10374

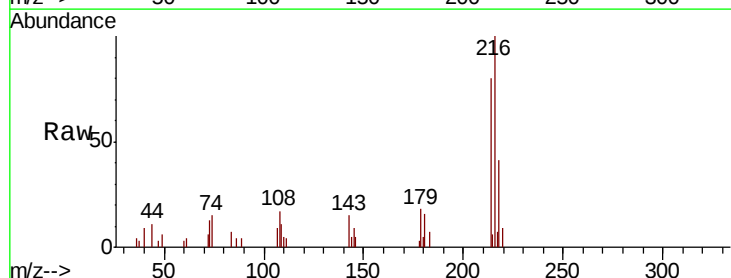
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 19.1 17.4 26.0

108 17.4 13.9 20.9



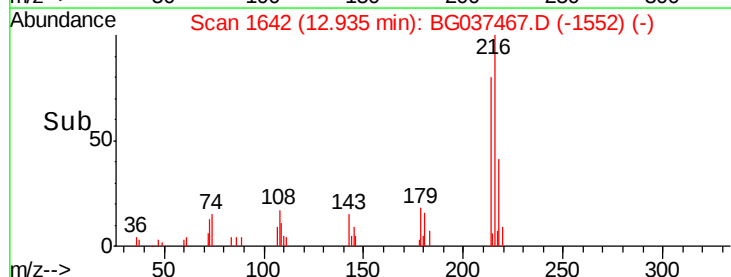
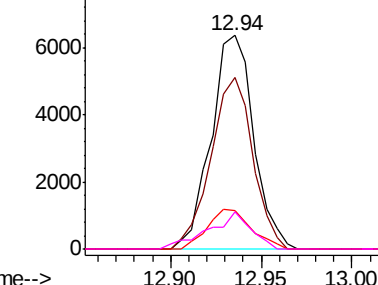
Abundance

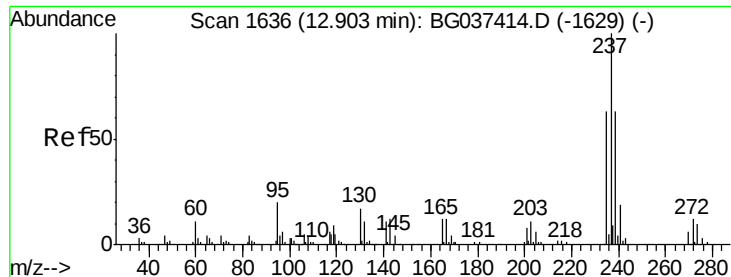
Ion 216.00 (215.70 to 216.70): E

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: 1.707 ng

RT: 12.91 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

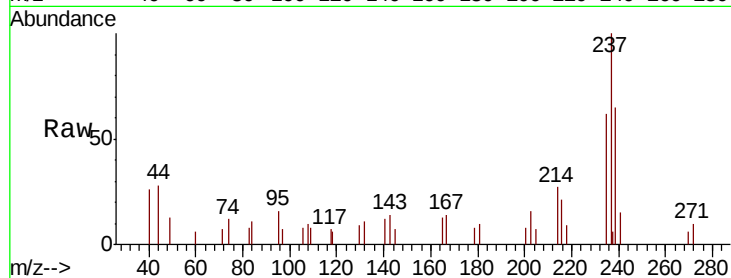
Tgt Ion: 237 Resp: 4378

Ion Ratio Lower Upper

237 100

235 62.3 42.5 82.5

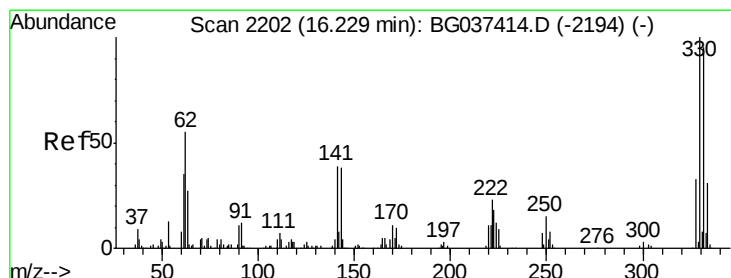
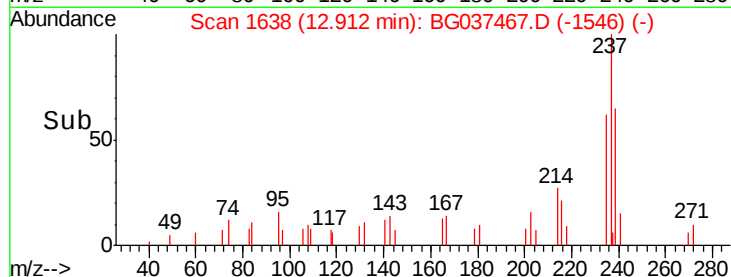
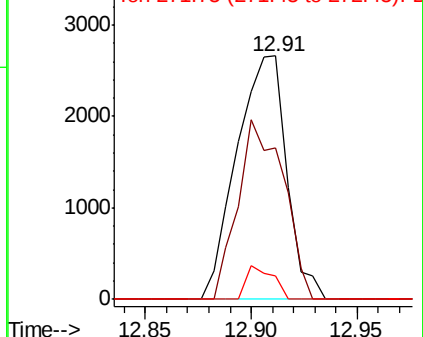
272 9.8 0.0 31.6



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: 130.419 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

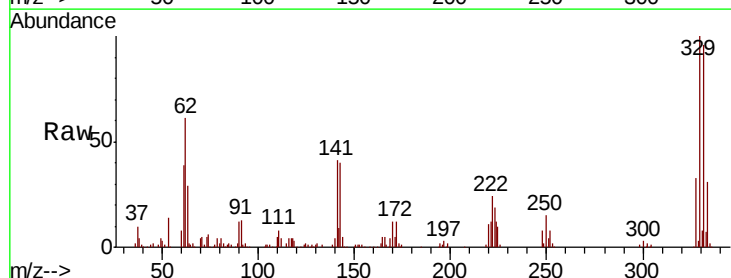
Tgt Ion: 330 Resp: 236805

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

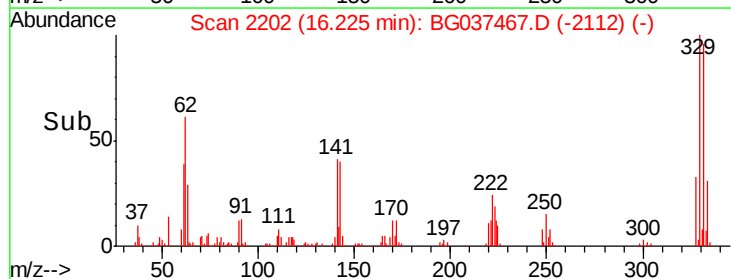
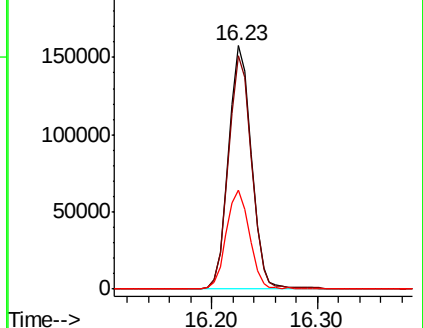
141 41.1 32.2 48.2

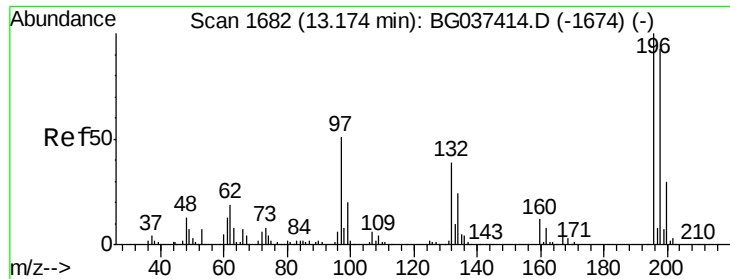


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

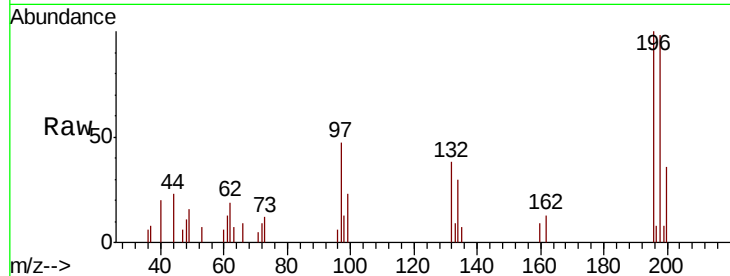




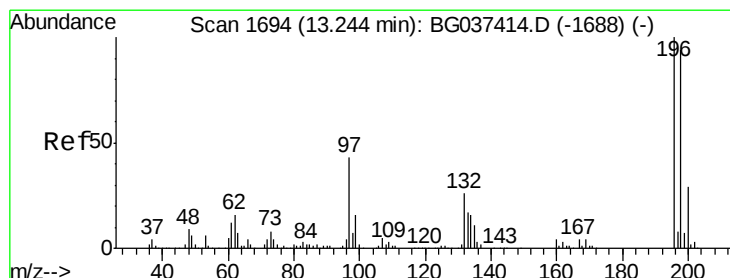
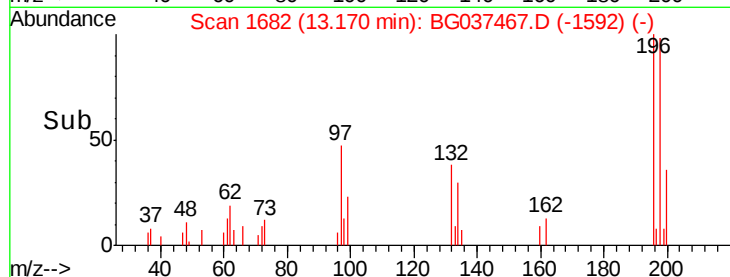
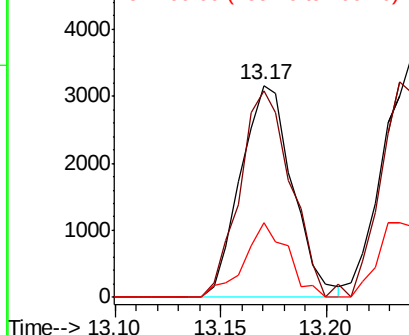
#43
 2,4,6-Trichlorophenol
 Concen: 1.506 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:196 Resp: 5402
 Ion Ratio Lower Upper
 196 100
 198 90.2 76.4 114.6
 200 32.8 24.9 37.3

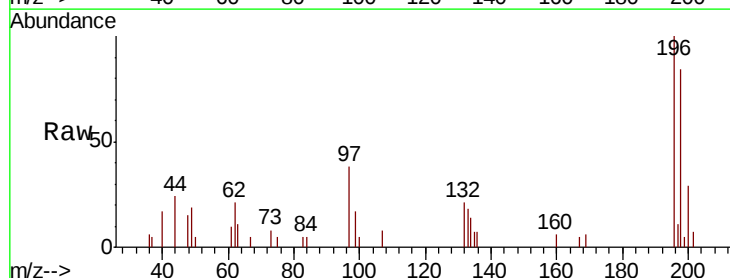


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

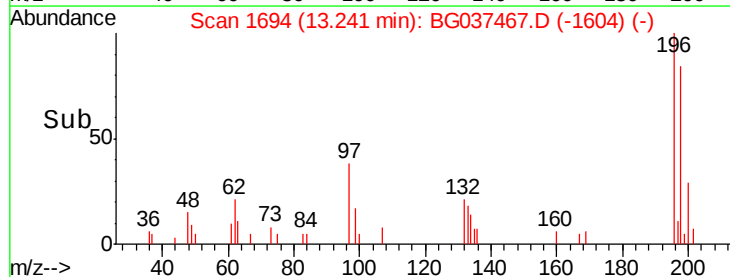
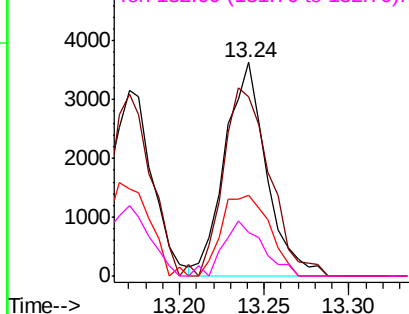


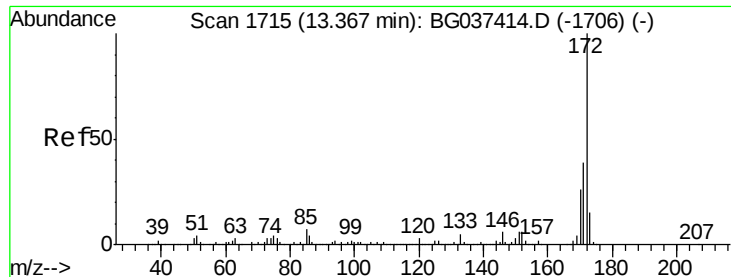
#44
 2,4,5-Trichlorophenol
 Concen: 1.590 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion:196 Resp: 6211
 Ion Ratio Lower Upper
 196 100
 198 84.0 74.2 111.2
 97 37.6 34.1 51.1
 132 20.6 20.2 30.4



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

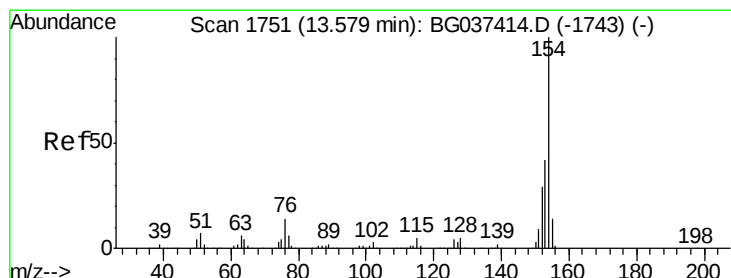
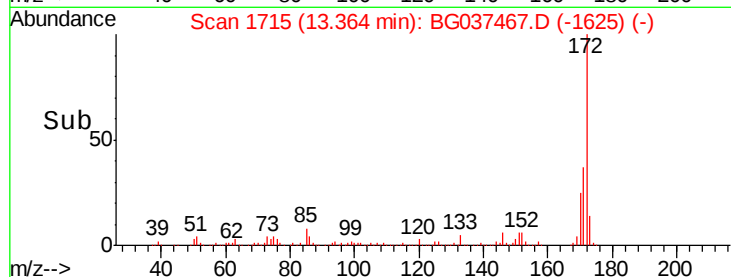
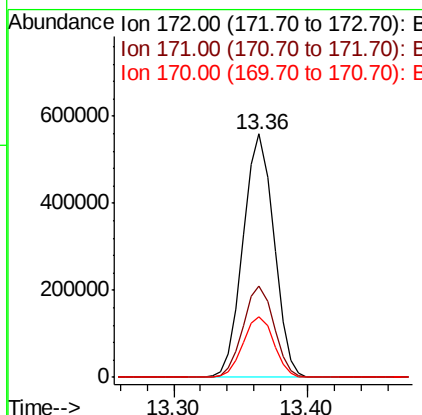
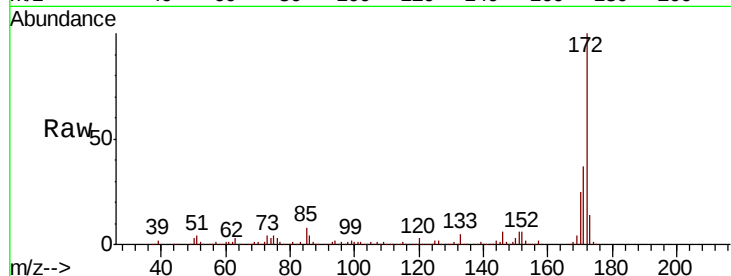




#45
2-Fluorobiphenyl
Concen: 80.862 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

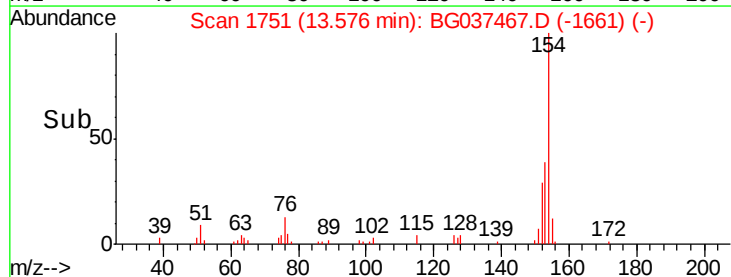
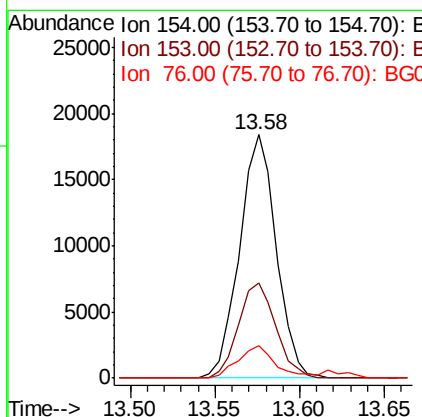
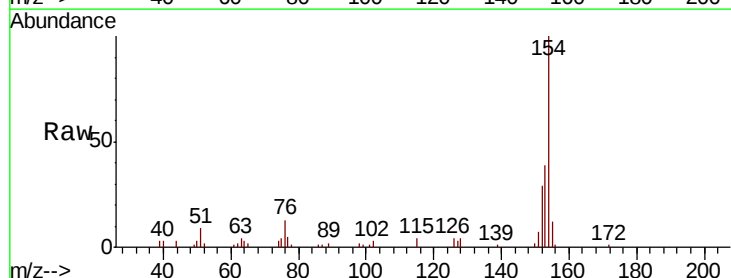
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

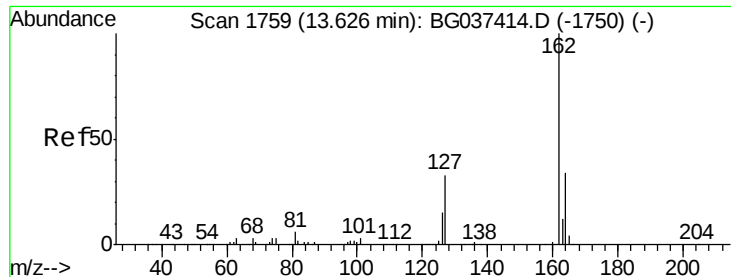
Tgt Ion:172 Resp: 892711
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 24.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 2.016 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:154 Resp: 27794
Ion Ratio Lower Upper
154 100
153 39.1 22.1 62.1
76 13.3 0.0 33.2

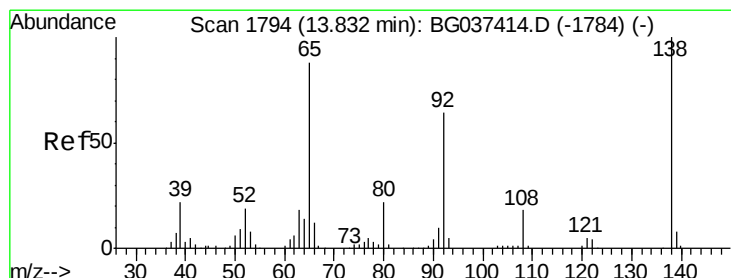
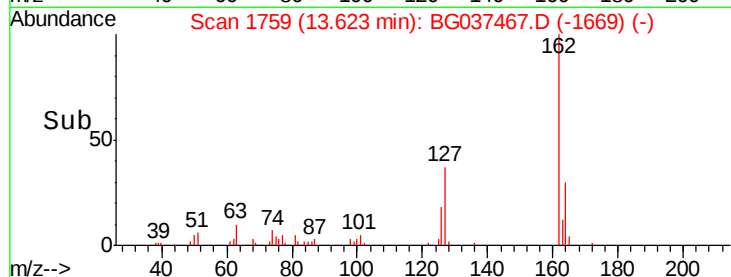
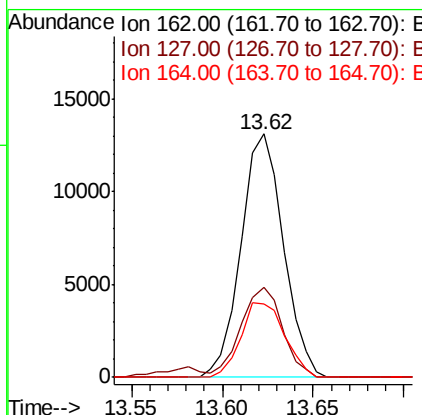
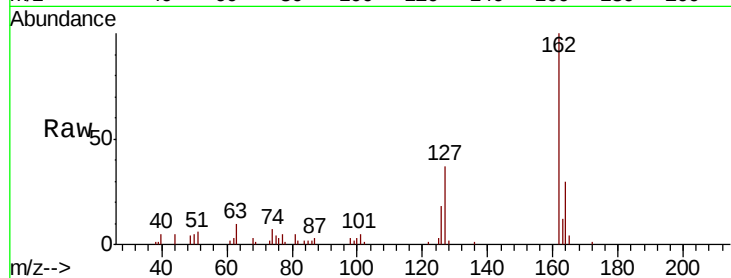




#47
2-Chloronaphthalene
Concen: 2.044 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

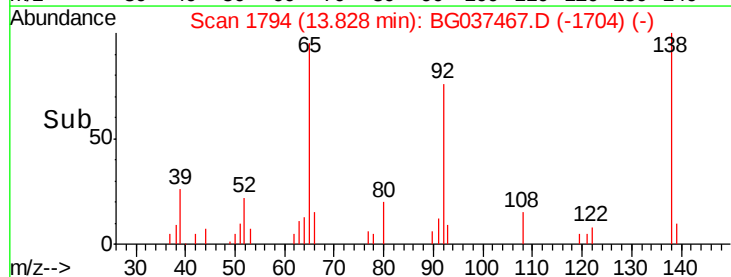
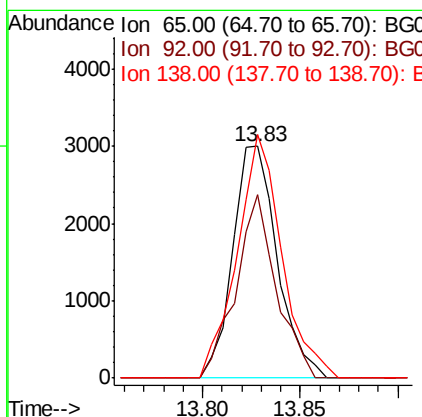
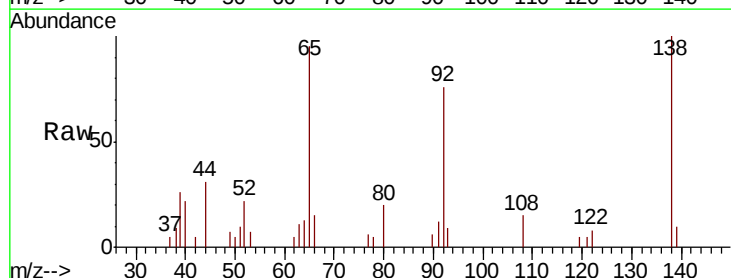
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

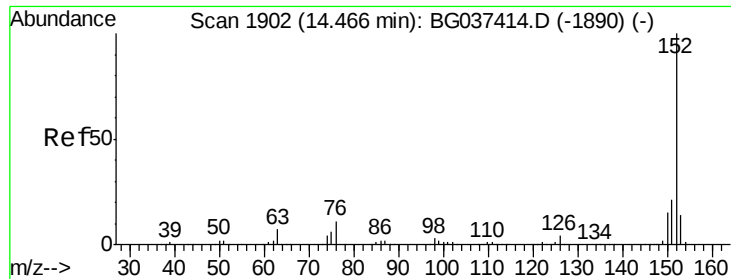
Tgt Ion: 162 Resp: 21319
Ion Ratio Lower Upper
162 100
127 37.2 30.5 45.7
164 30.0 26.4 39.6



#48
2-Nitroaniline
Concen: 1.498 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion: 65 Resp: 4737
Ion Ratio Lower Upper
65 100
92 79.4 53.2 79.8
138 105.1 79.3 118.9





#49

Acenaphthylene

Concen: 2.151 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

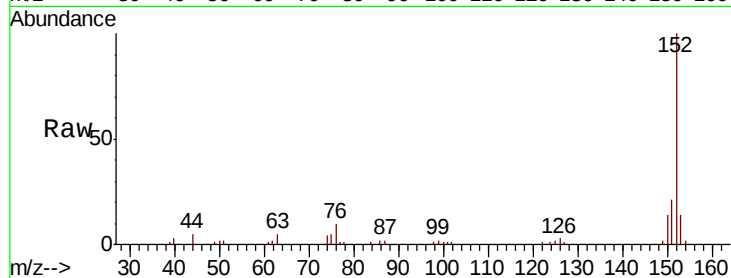
Tgt Ion:152 Resp: 33747

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

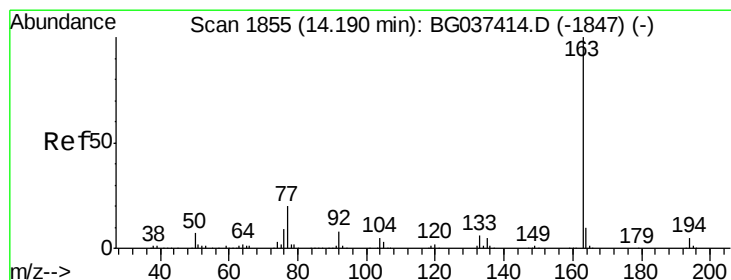
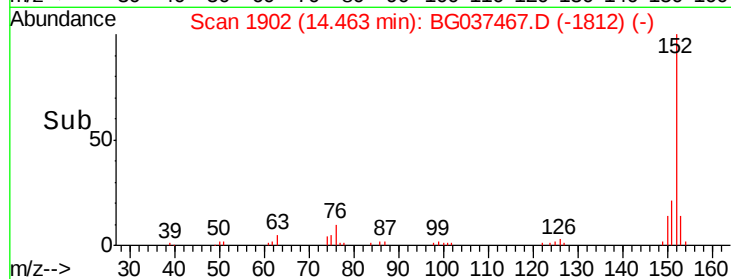
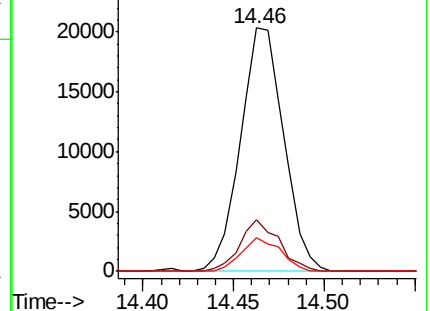
153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.076 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

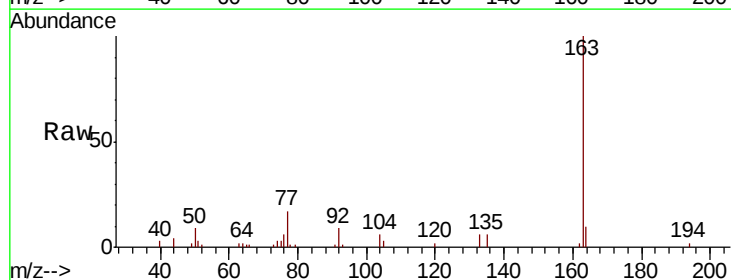
Tgt Ion:163 Resp: 26736

Ion Ratio Lower Upper

163 100

194 2.3 3.5 5.3#

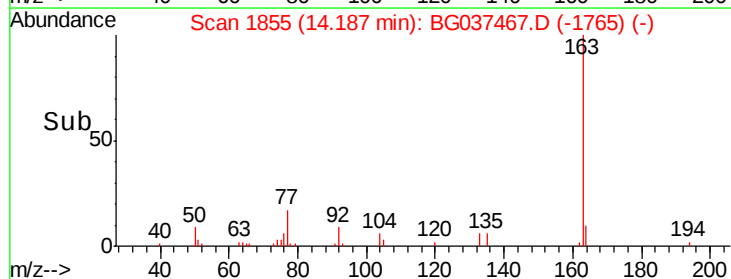
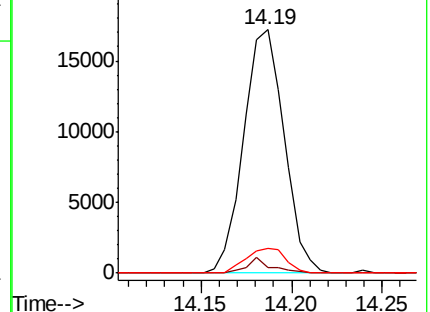
164 10.2 8.5 12.7

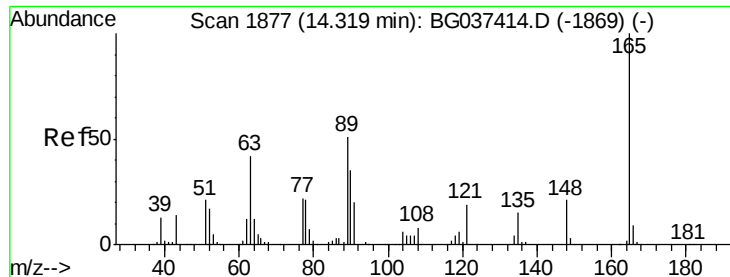


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 1.555 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

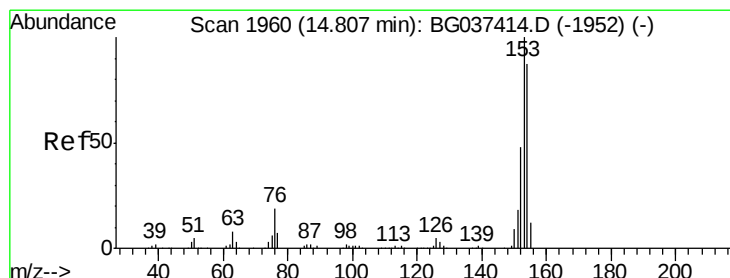
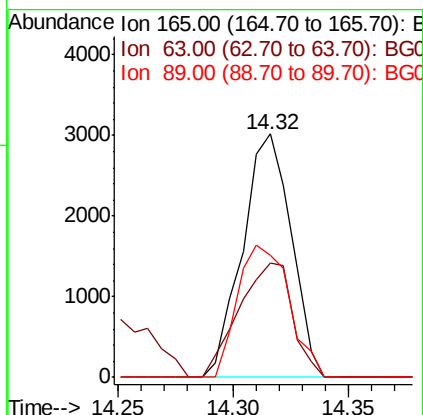
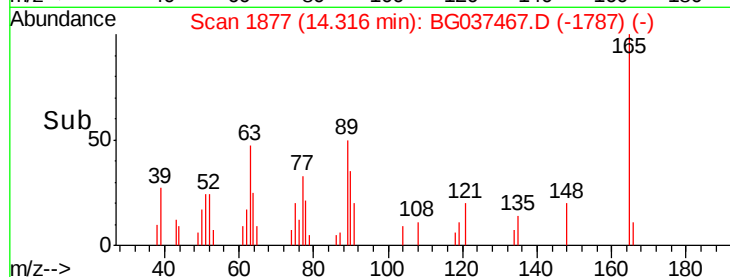
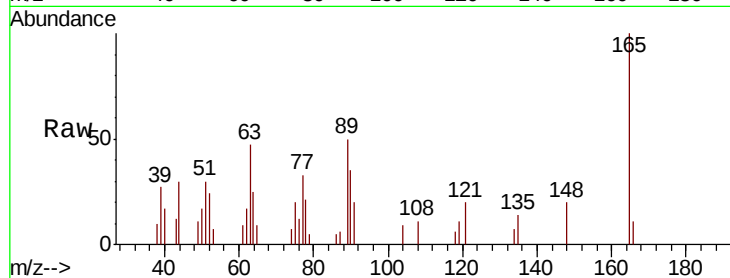
Tgt Ion:165 Resp: 4430

Ion Ratio Lower Upper

165 100

63 47.2 43.4 65.2

89 50.2 45.8 68.6



#52

Acenaphthene

Concen: 2.007 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

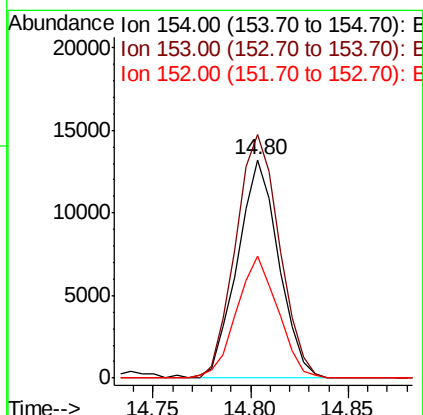
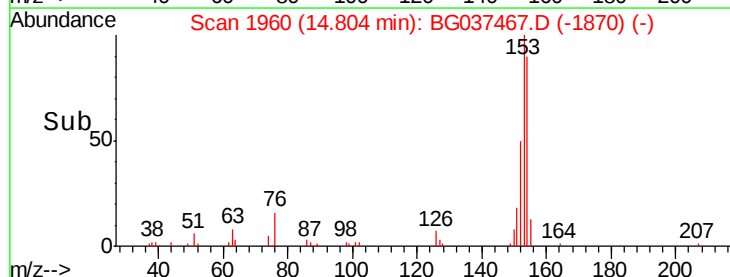
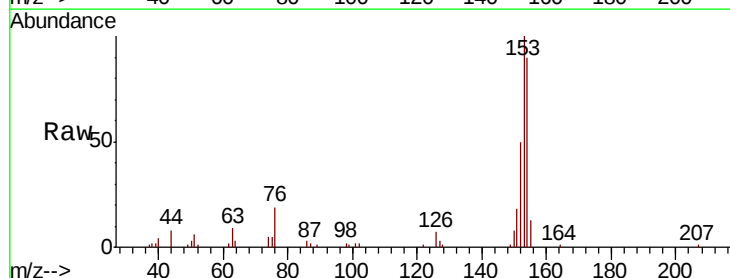
Tgt Ion:154 Resp: 19393

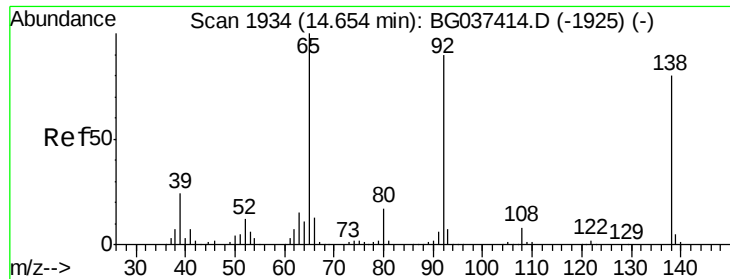
Ion Ratio Lower Upper

154 100

153 111.5 93.4 140.0

152 56.1 44.7 67.1





#53

3-Nitroaniline

Concen: 1.351 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

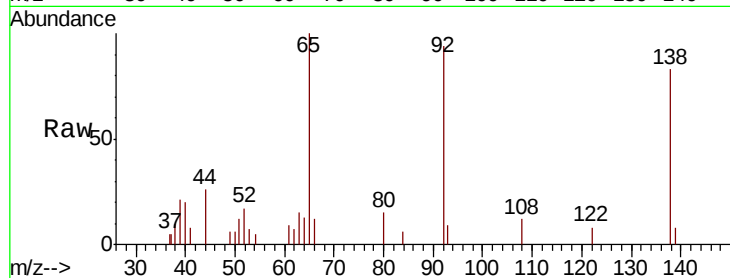
Tgt Ion:138 Resp: 4273

Ion Ratio Lower Upper

138 100

108 14.7 11.0 16.6

92 113.8 95.2 142.8

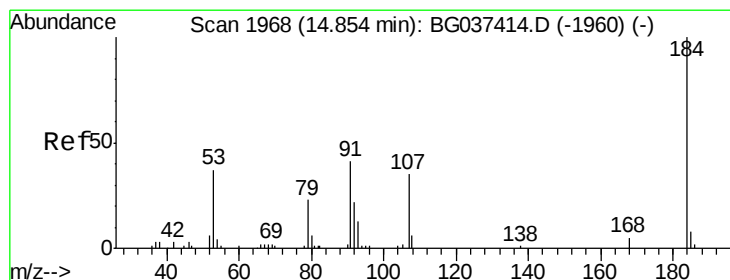
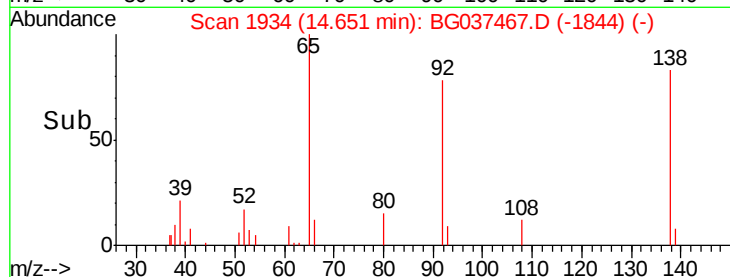
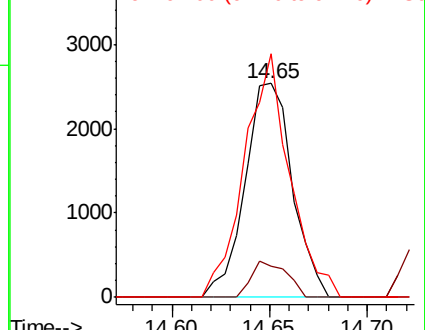


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 6.194 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

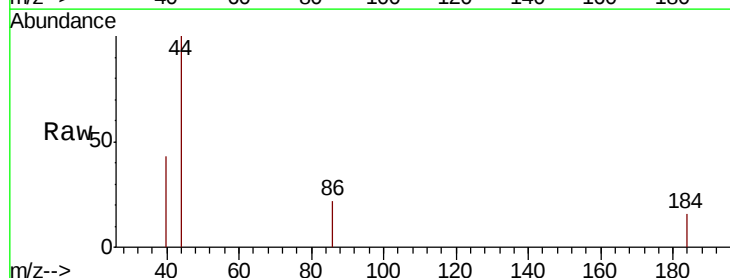
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 0.0 42.6 63.8#

154 0.0 41.8 62.6#

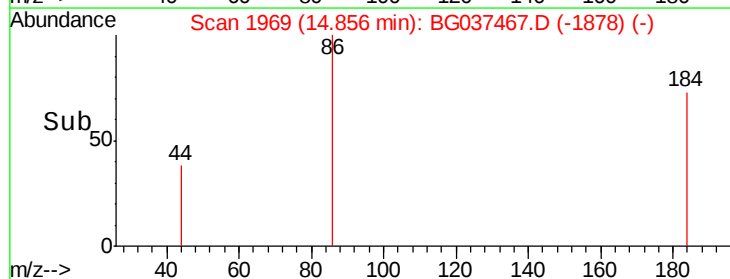
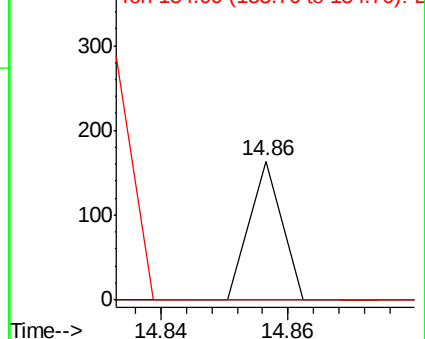


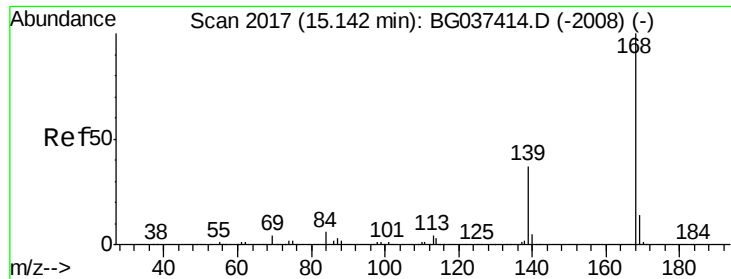
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 2.108 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

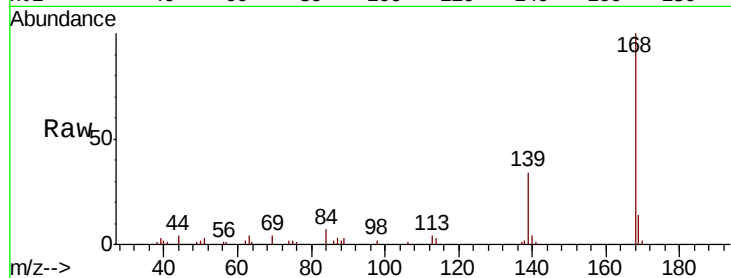
Tgt Ion:168 Resp: 33744

Ion Ratio Lower Upper

168 100

139 34.4 29.4 44.0

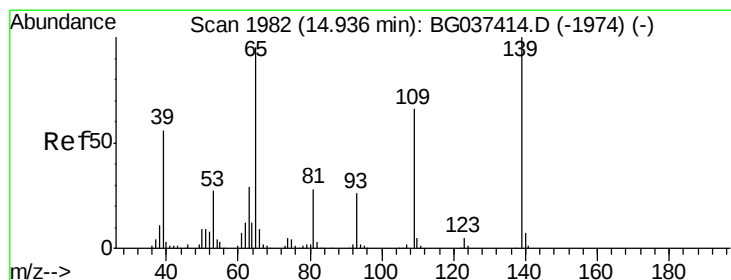
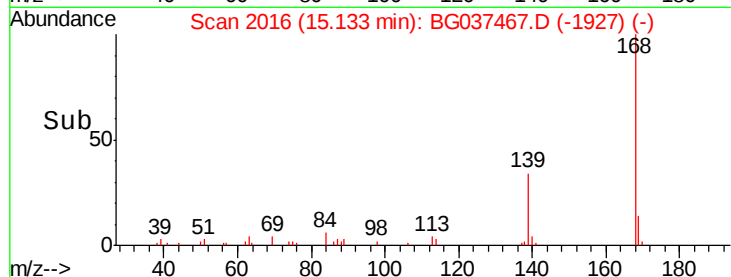
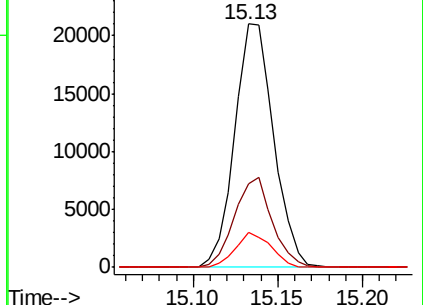
169 14.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.778 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

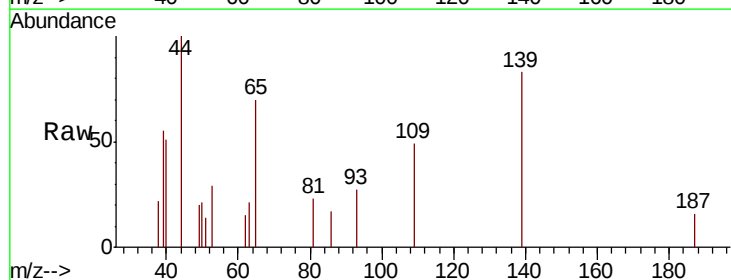
Tgt Ion:139 Resp: 1822

Ion Ratio Lower Upper

139 100

109 59.0 49.5 89.5

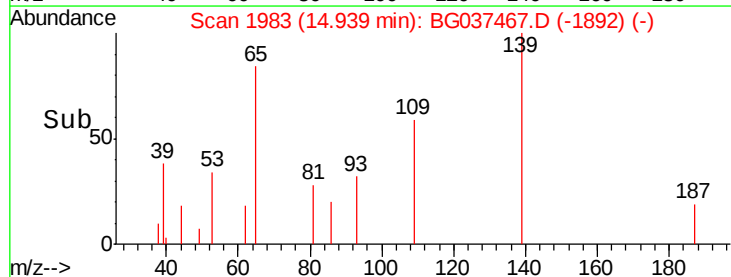
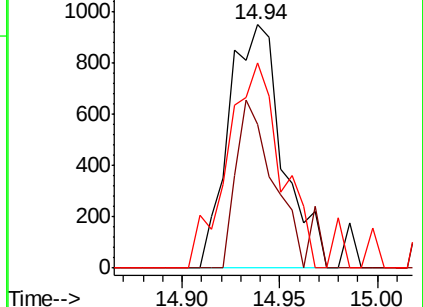
65 84.1 76.8 116.8

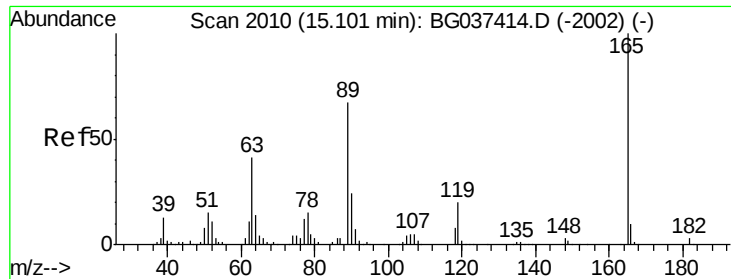


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

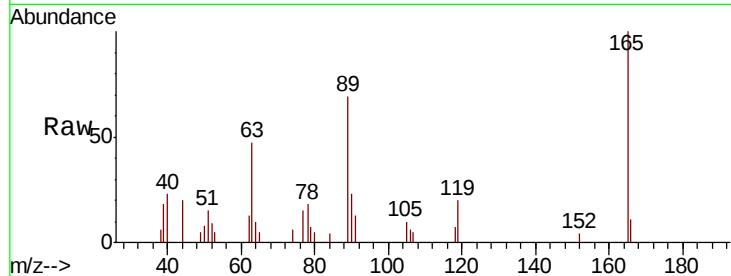




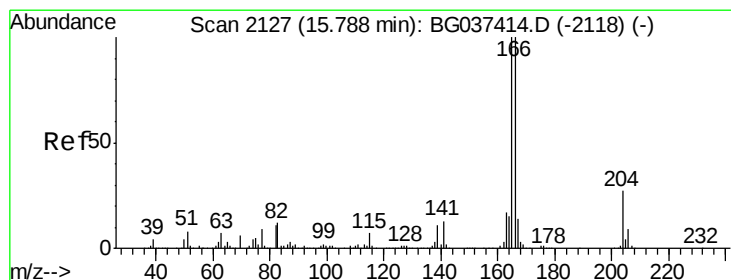
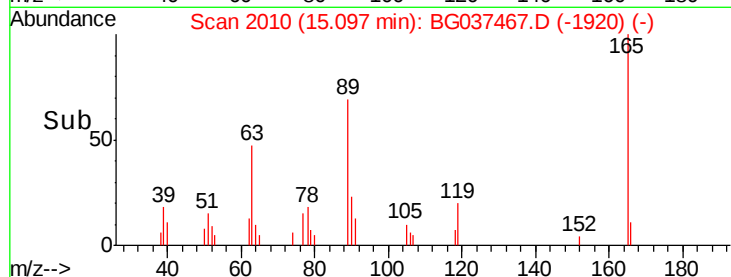
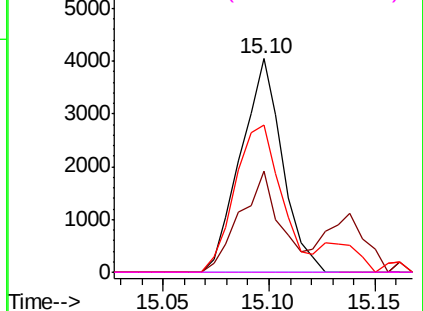
#57
2,4-Dinitrotoluene
Concen: 1.480 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:165 Resp: 5534
Ion Ratio Lower Upper
165 100
63 47.4 33.4 50.0
89 69.0 57.2 85.8
182 0.0 2.6 4.0#

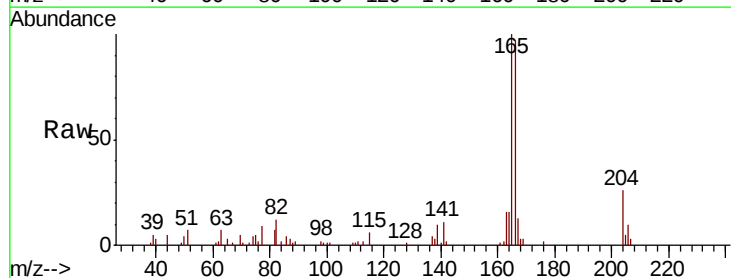


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

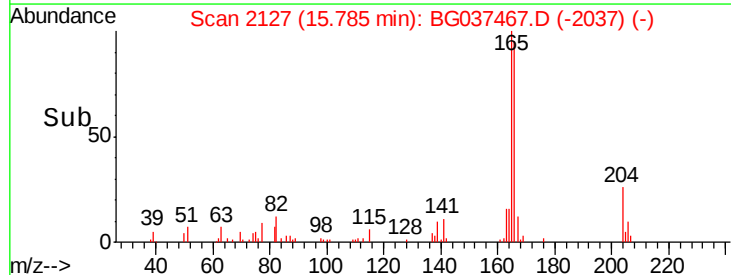
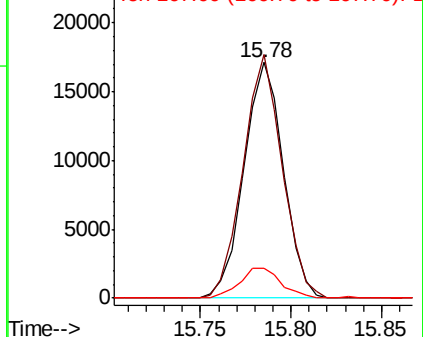


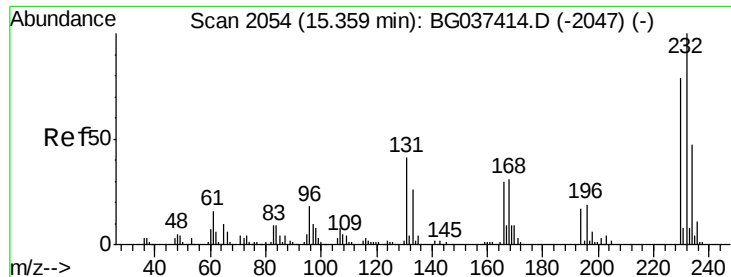
#58
Fluorene
Concen: 2.154 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:166 Resp: 25823
Ion Ratio Lower Upper
166 100
165 103.2 79.0 118.6
167 12.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

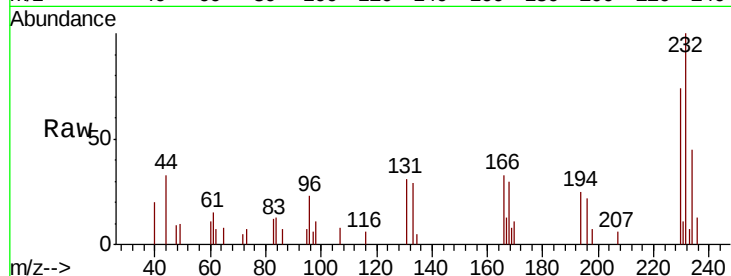




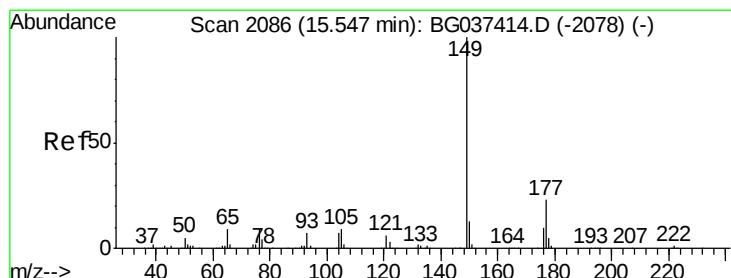
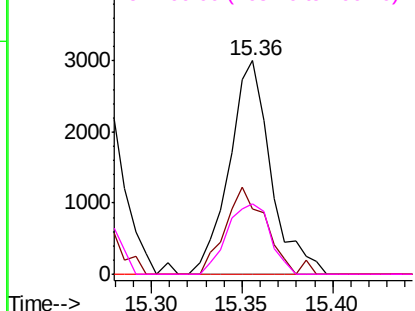
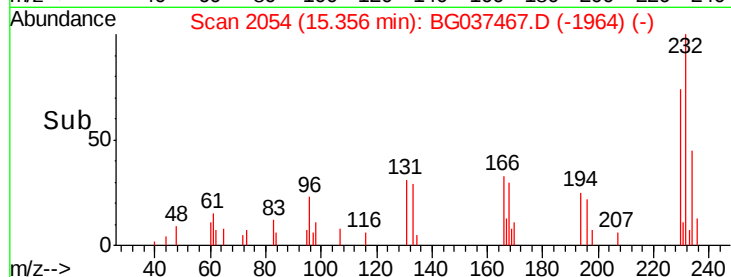
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.431 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion: 232 Resp: 4787
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.7 50.5
 130 0.0 2.1 3.1#
 166 34.4 24.6 36.8

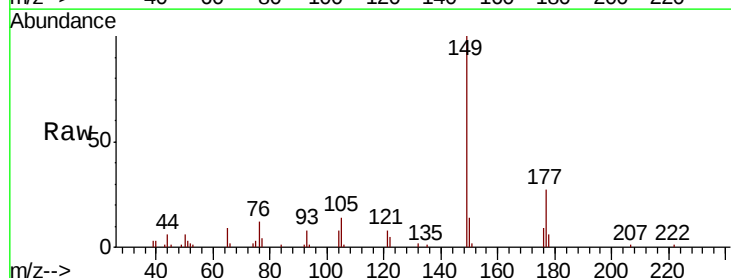


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

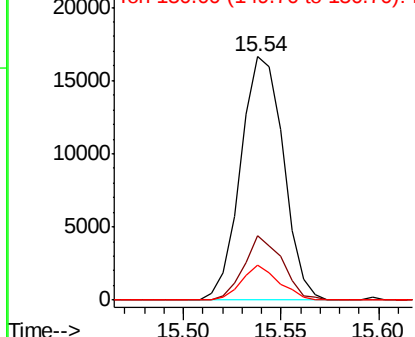
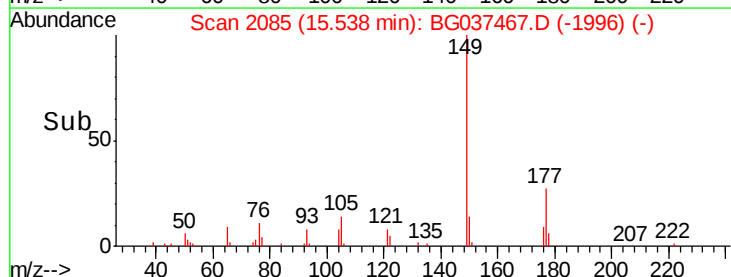


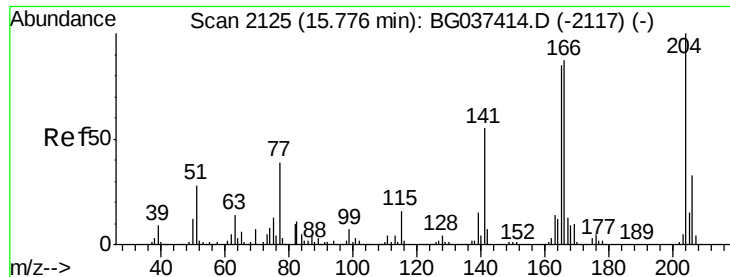
#60
 Diethylphthalate
 Concen: 1.909 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion: 149 Resp: 25245
 Ion Ratio Lower Upper
 149 100
 177 26.7 18.3 27.5
 150 14.4 10.0 15.0



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

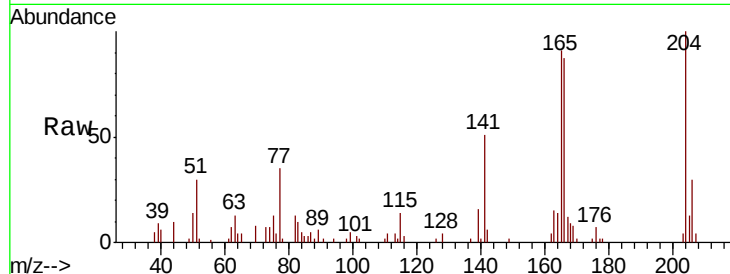




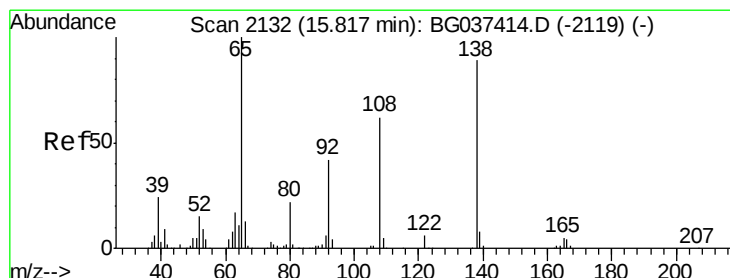
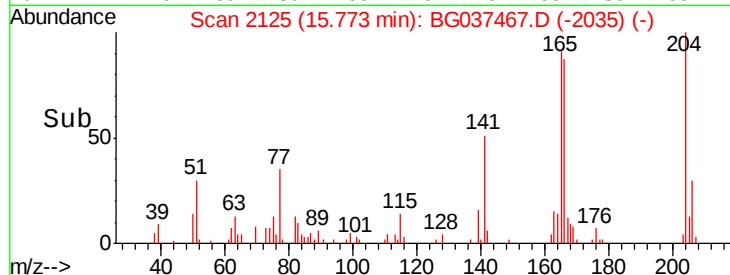
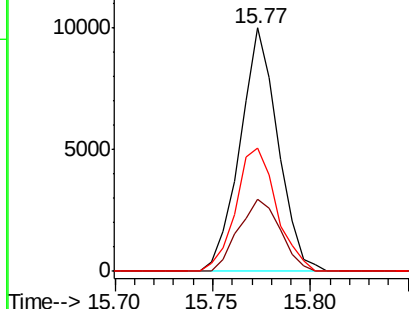
#61
 4-Chlorophenyl-phenylether
 Concen: 1.921 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion: 204 Resp: 13426
 Ion Ratio Lower Upper
 204 100
 206 29.7 26.6 39.8
 141 50.5 45.4 68.2

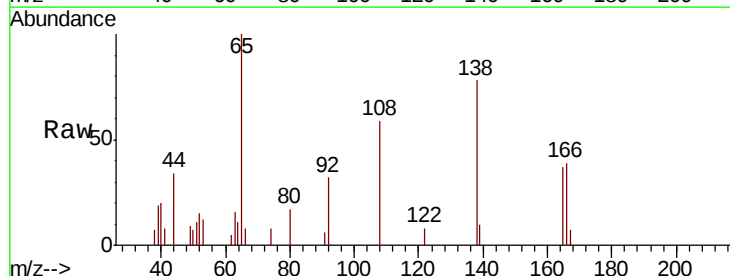


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

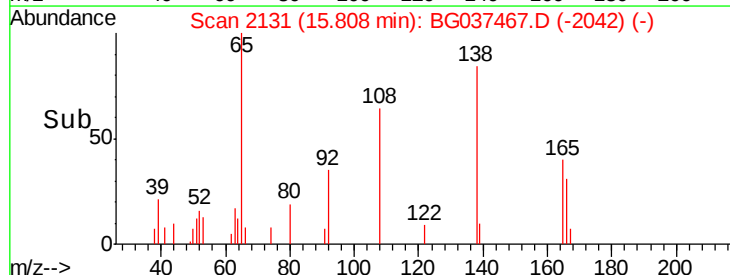
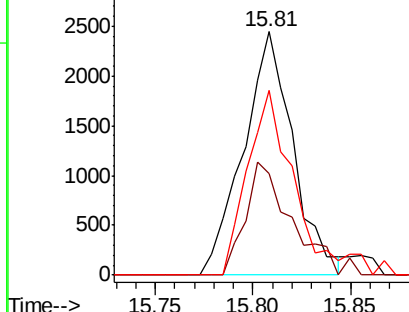


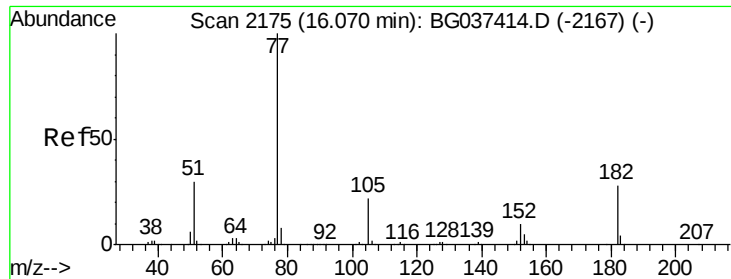
#62
 4-Nitroaniline
 Concen: 1.375 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion: 138 Resp: 4320
 Ion Ratio Lower Upper
 138 100
 92 41.7 36.4 76.4
 108 75.8 60.1 100.1



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

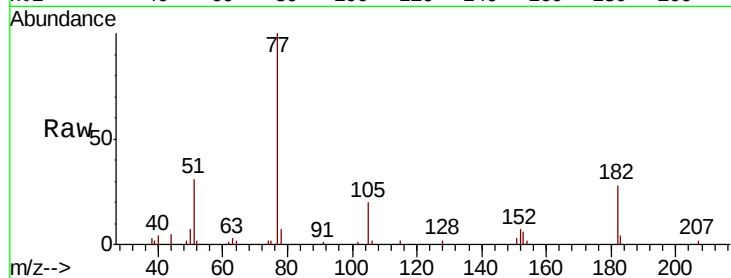




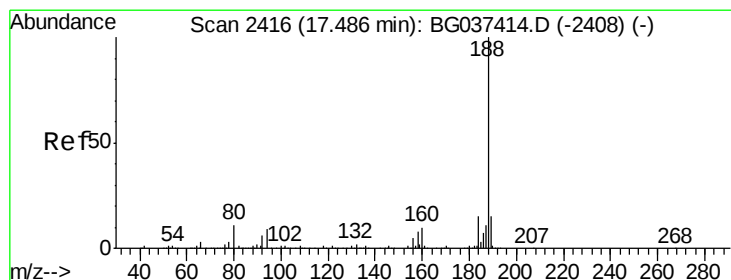
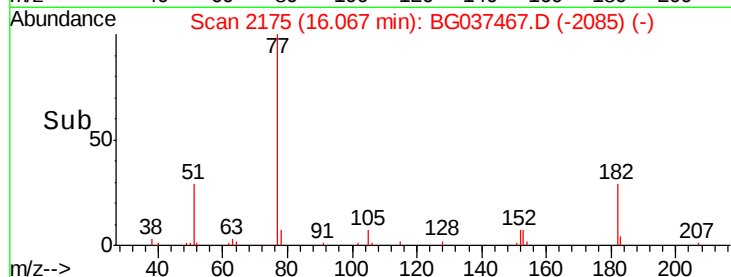
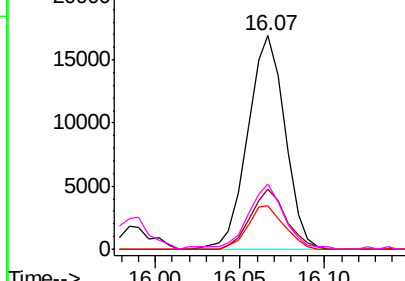
#63
Azobenzene
Concen: 2.062 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion:	77	Resp:	26010
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.0	48.0
105	20.2	1.3	41.3
51	30.6	10.7	50.7

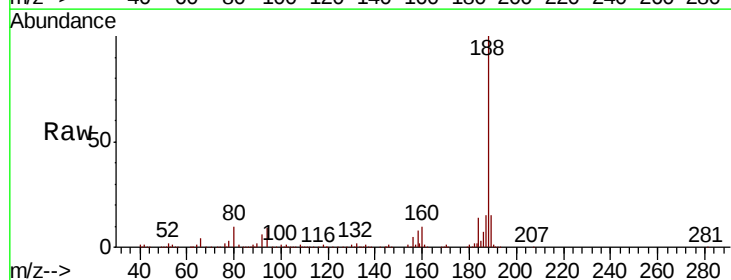


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

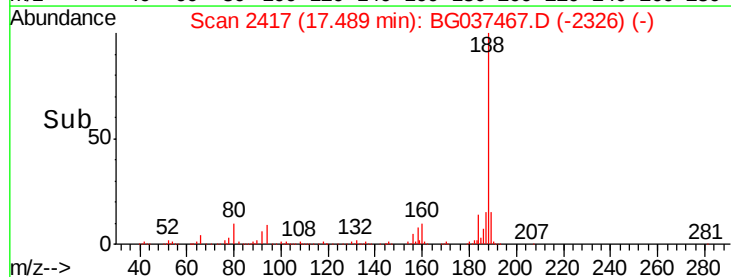
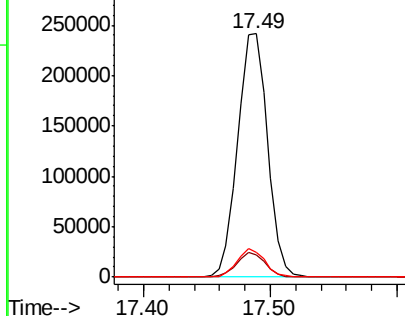


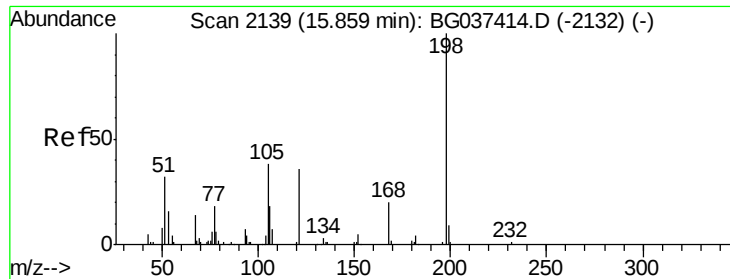
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:	188	Resp:	394421
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.0	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

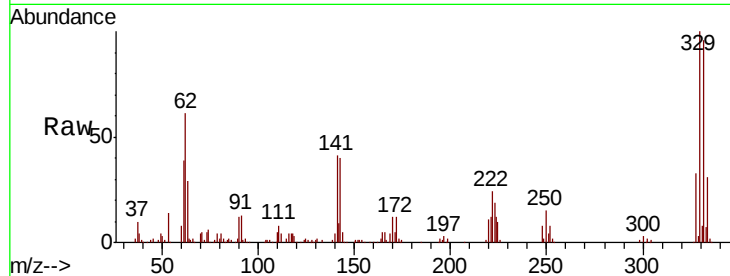




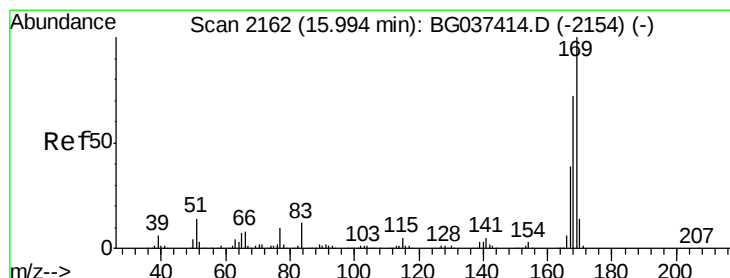
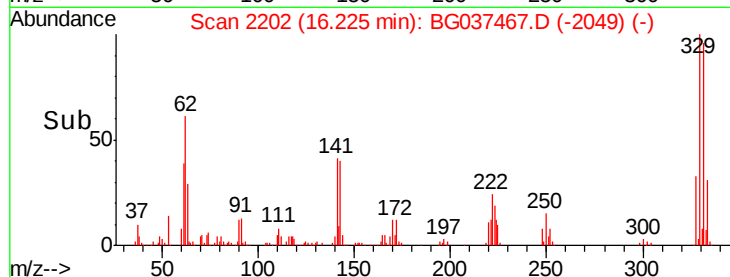
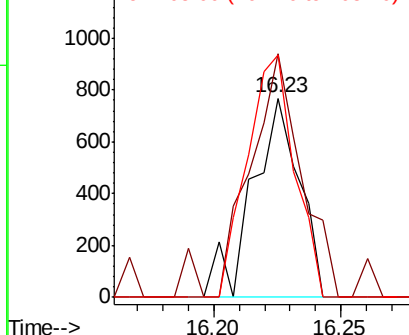
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.898 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion:198 Resp: 982
 Ion Ratio Lower Upper
 198 100
 51 27.9 22.7 62.7
 105 27.7 19.7 59.7

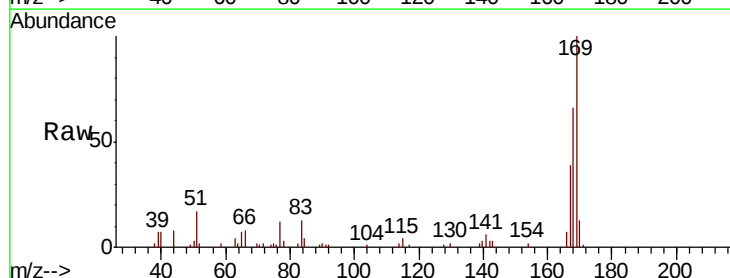


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

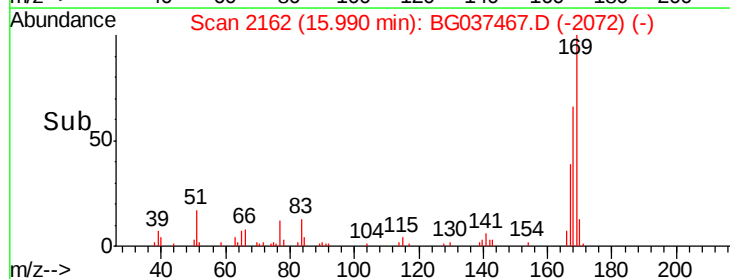
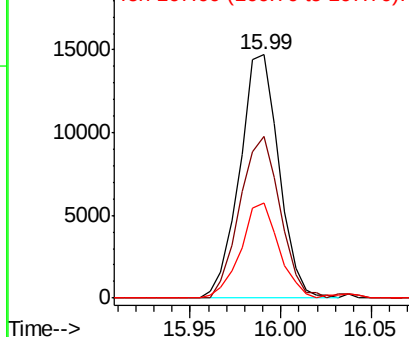


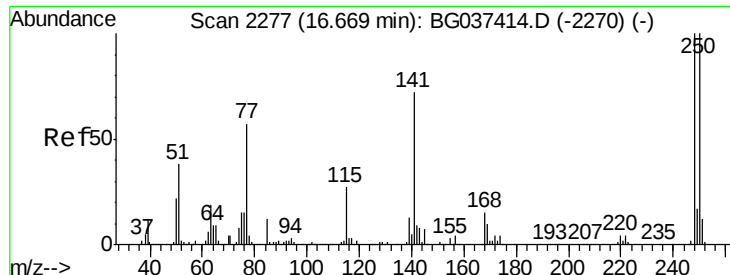
#66
 n-Nitrosodiphenylamine
 Concen: 1.870 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion:169 Resp: 22185
 Ion Ratio Lower Upper
 169 100
 168 66.5 55.7 83.5
 167 39.1 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

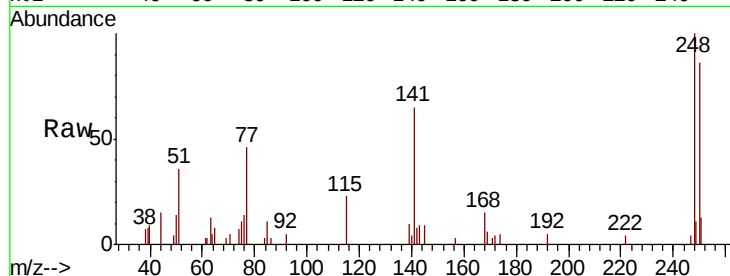




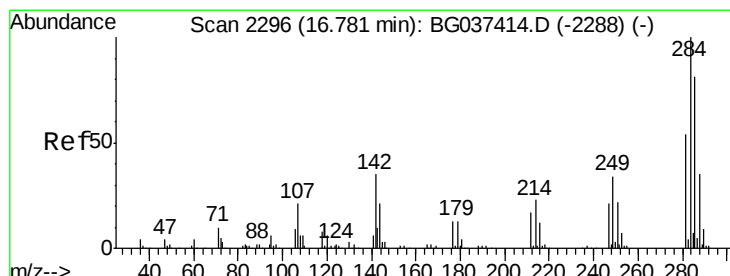
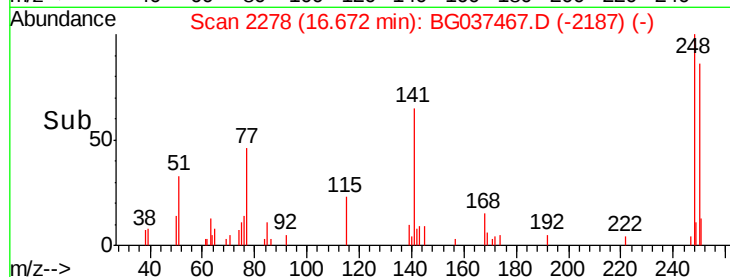
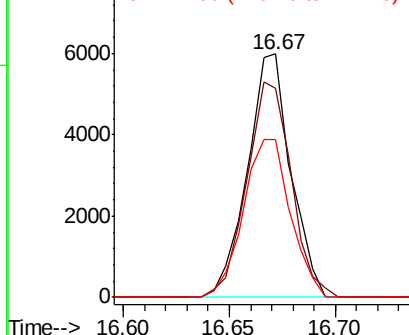
#67
 4-Bromophenyl-phenylether
 Concen: 1.978 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

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

Tgt Ion: 248 Resp: 8568
 Ion Ratio Lower Upper
 248 100
 250 86.0 77.0 115.6
 141 64.7 55.5 83.3

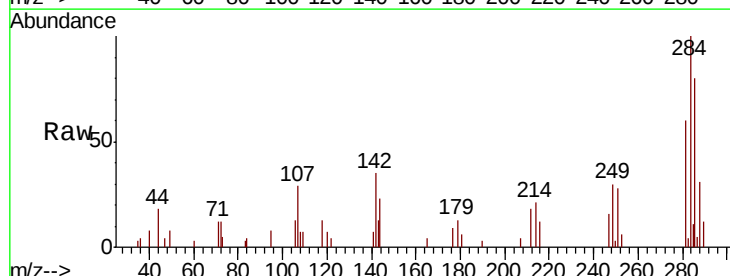


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

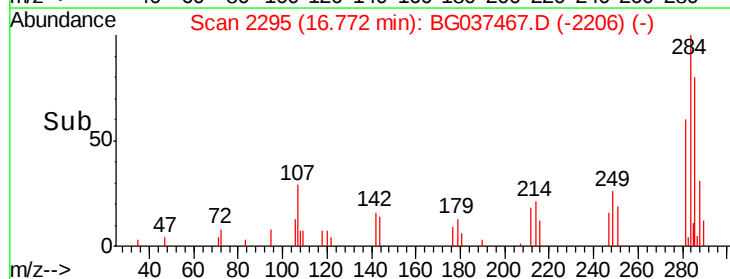
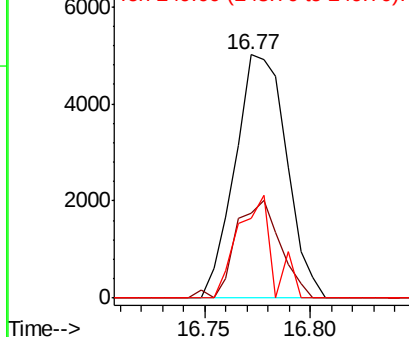


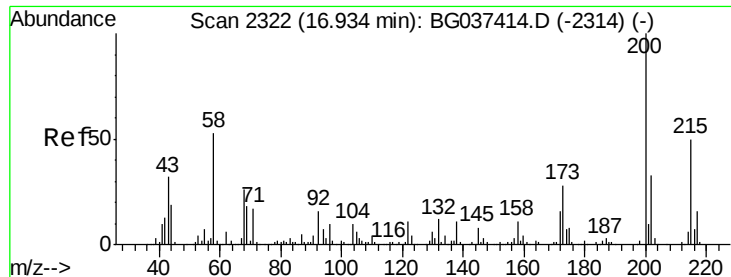
#68
 Hexachlorobenzene
 Concen: 1.885 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037467.D
 Acq: 20 Oct 2018 1:43

Tgt Ion: 284 Resp: 8464
 Ion Ratio Lower Upper
 284 100
 142 34.7 28.1 42.1
 249 33.0 29.8 44.8



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

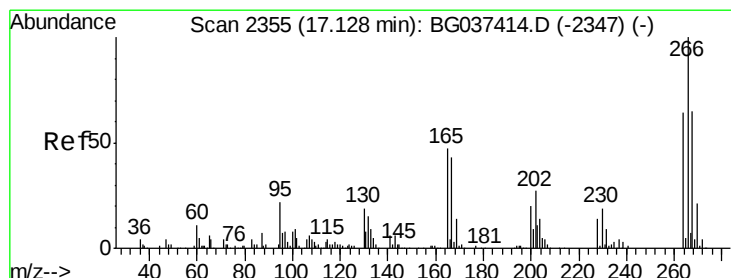
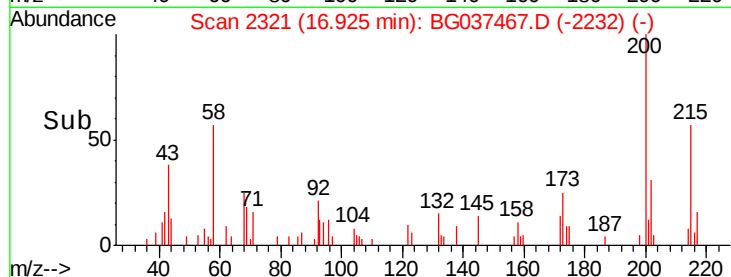
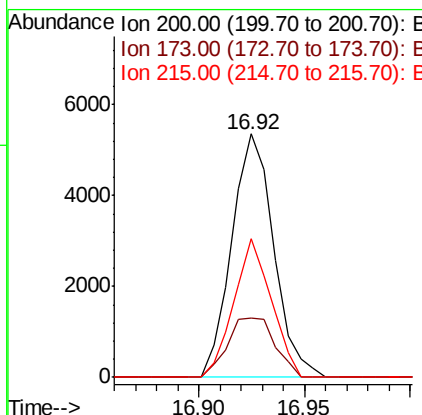
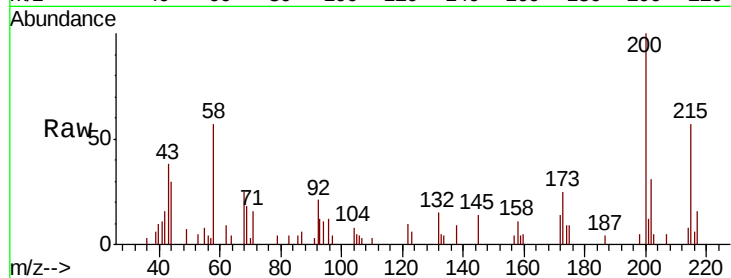




#69
Atrazine
Concen: 1.719 ng
RT: 16.92 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

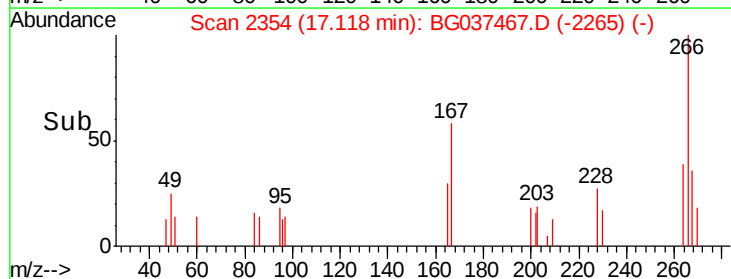
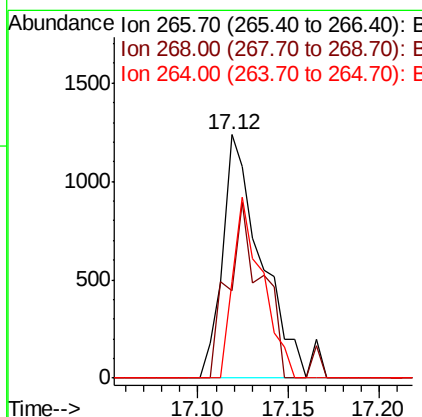
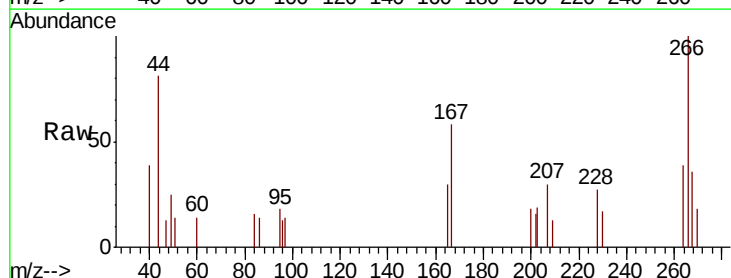
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

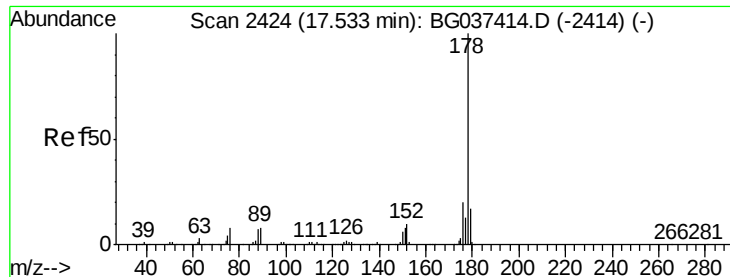
Tgt Ion:200 Resp: 7373
Ion Ratio Lower Upper
200 100
173 24.5 6.1 46.1
215 57.0 30.8 70.8



#70
Pentachlorophenol
Concen: 0.628 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:266 Resp: 1887
Ion Ratio Lower Upper
266 100
268 35.9 55.0 82.6#
264 39.4 58.9 88.3#

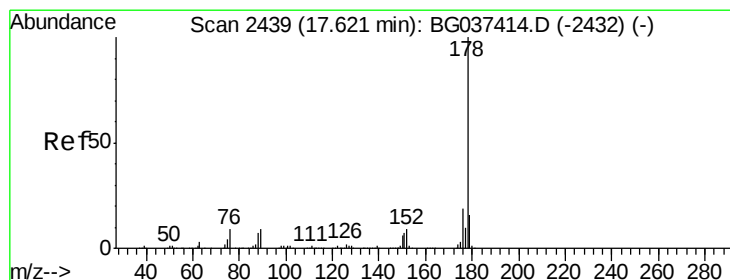
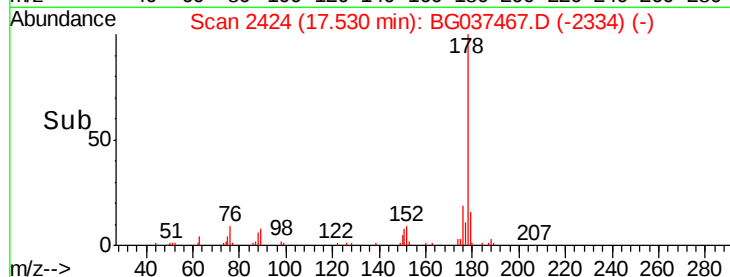
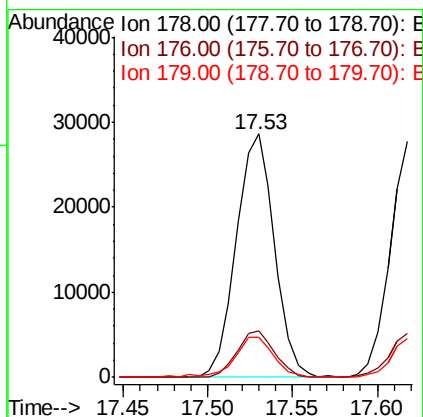
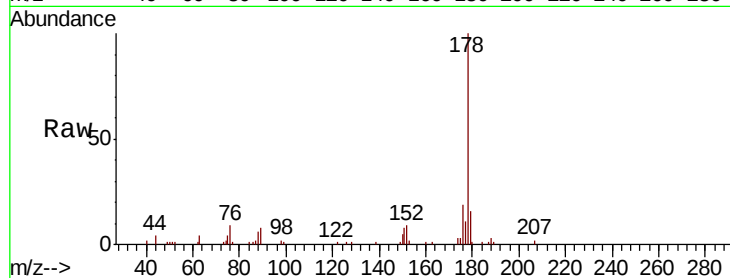




#71
Phenanthrene
Concen: 2.233 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

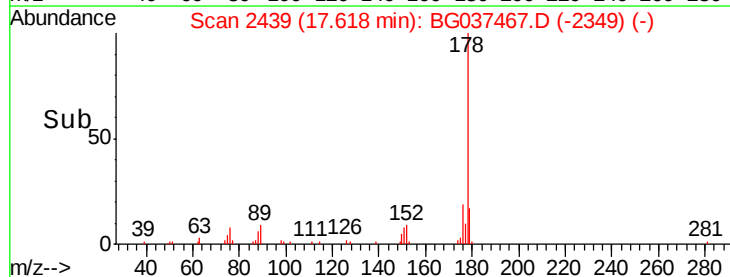
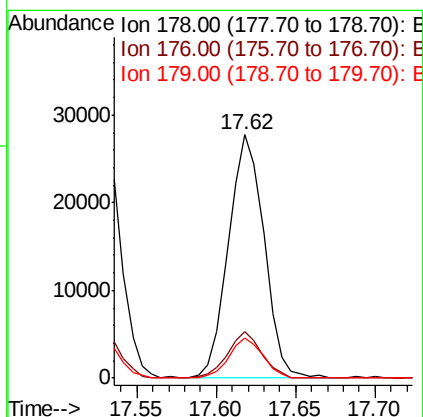
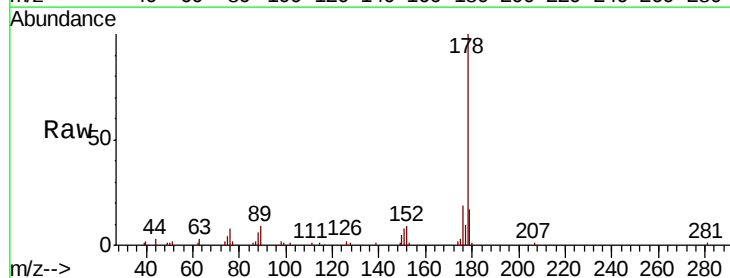
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

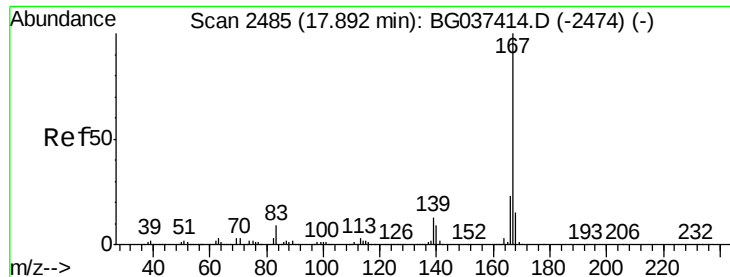
Tgt Ion:178 Resp: 44768
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 2.194 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion:178 Resp: 43164
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 16.5 12.8 19.2





#73

Carbazole

Concen: 1.797 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

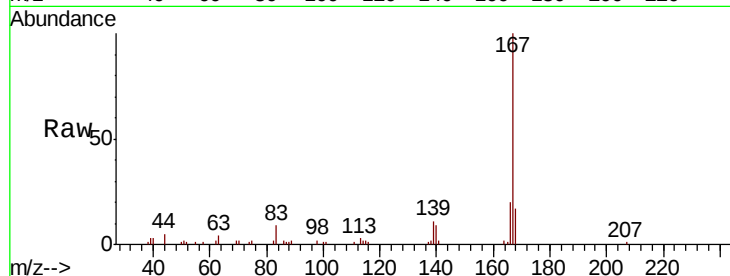
Tgt Ion:167 Resp: 35352

Ion Ratio Lower Upper

167 100

166 19.8 18.3 27.5

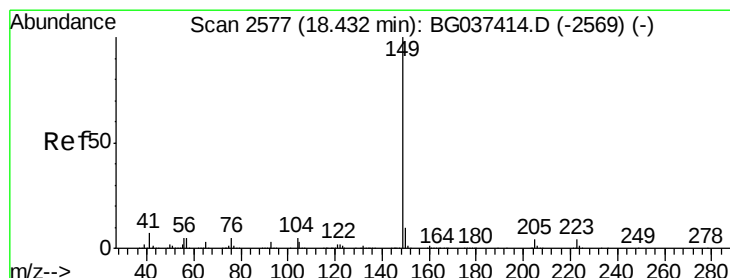
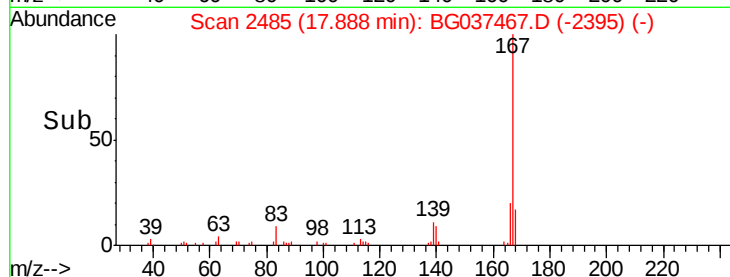
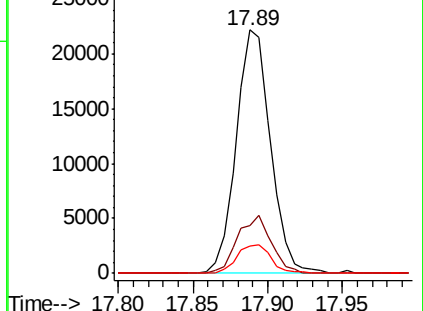
139 11.1 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 1.847 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

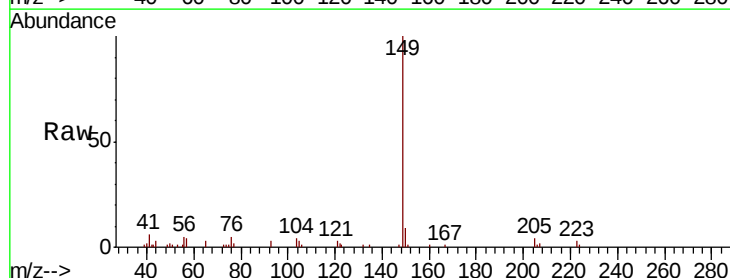
Tgt Ion:149 Resp: 40424

Ion Ratio Lower Upper

149 100

150 9.0 8.2 12.2

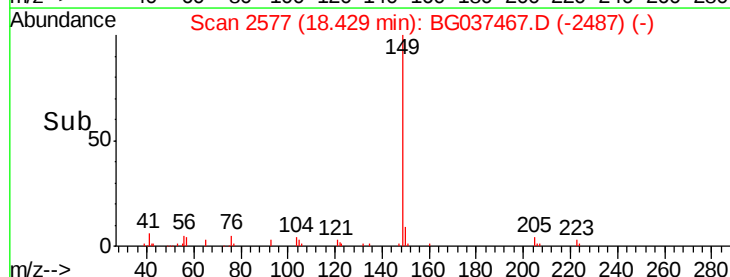
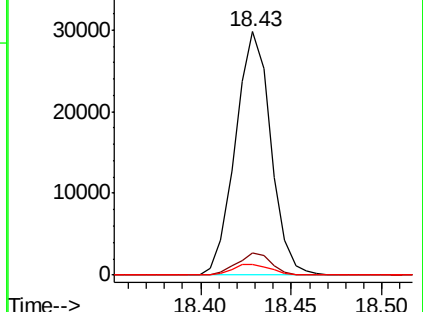
104 4.5 4.0 6.0

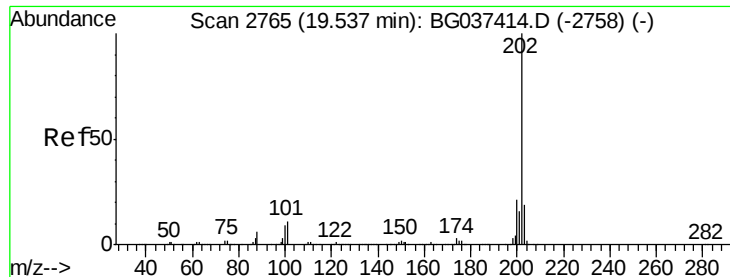


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.140 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

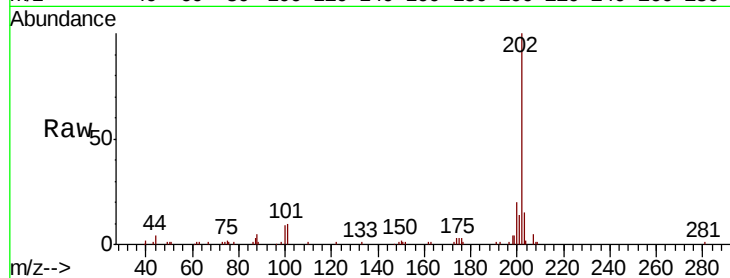
Tgt Ion:202 Resp: 48665

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

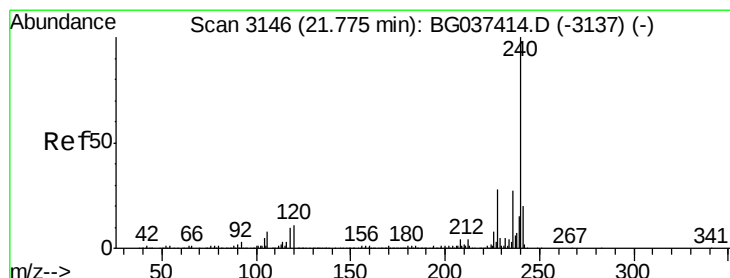
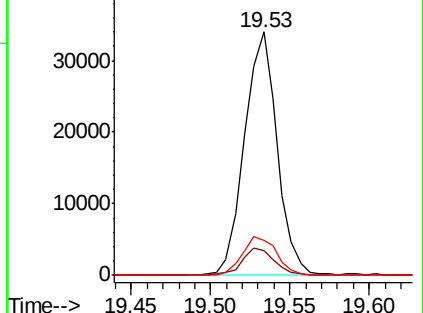
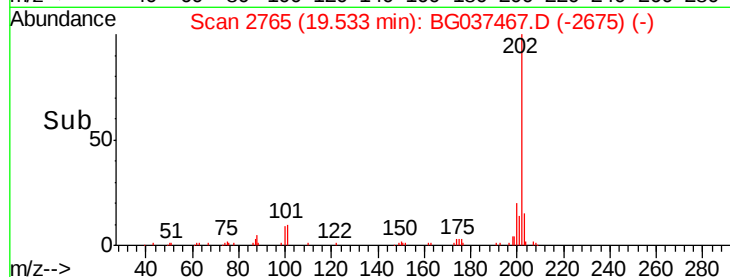
203 14.6 0.0 38.5



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: BG037467.D

Acq: 20 Oct 2018 1:43

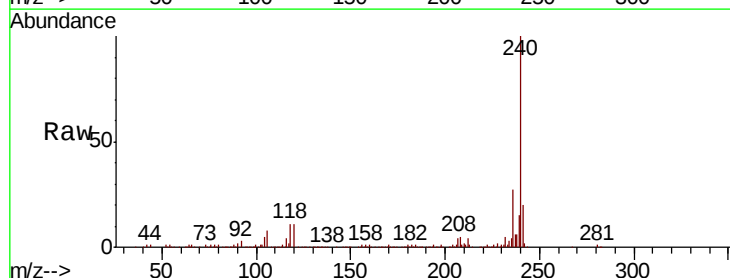
Tgt Ion:240 Resp: 373309

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

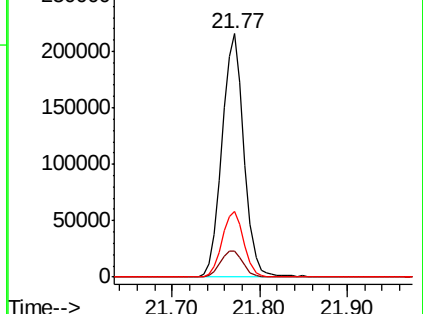
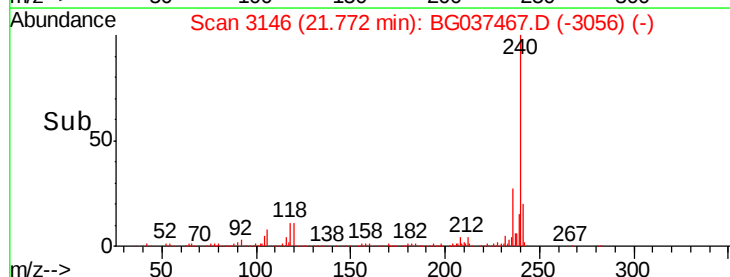
236 27.2 21.4 32.0

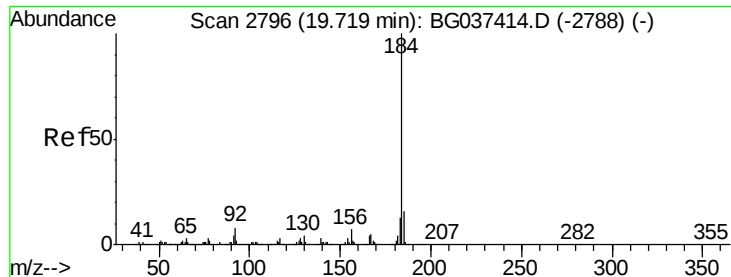


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.429 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

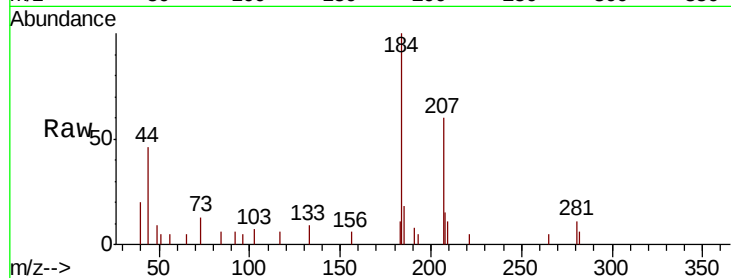
Tgt Ion:184 Resp: 5450

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

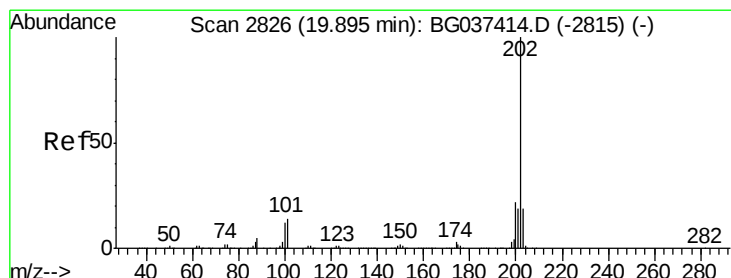
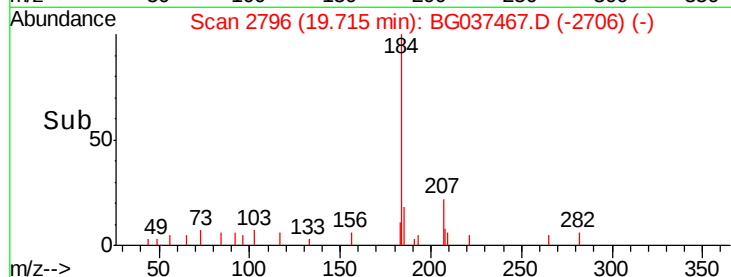
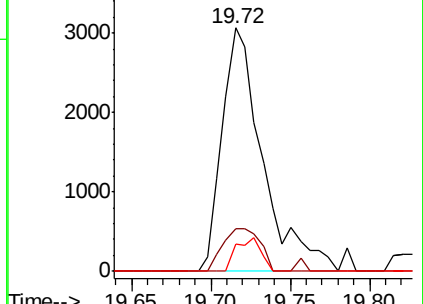
183 11.0 10.2 15.2



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: 2.075 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

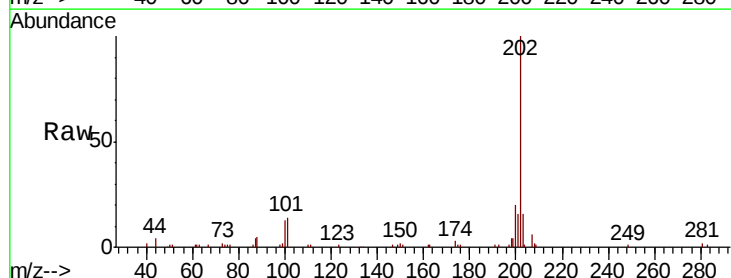
Tgt Ion:202 Resp: 50626

Ion Ratio Lower Upper

202 100

200 19.7 17.8 26.6

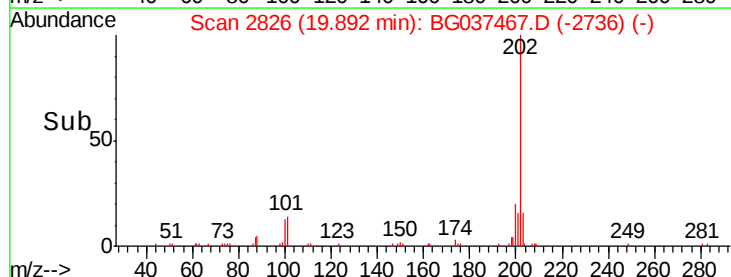
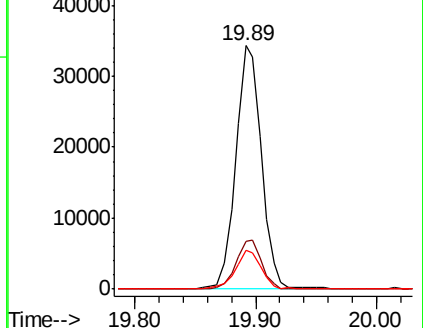
203 15.7 15.2 22.8

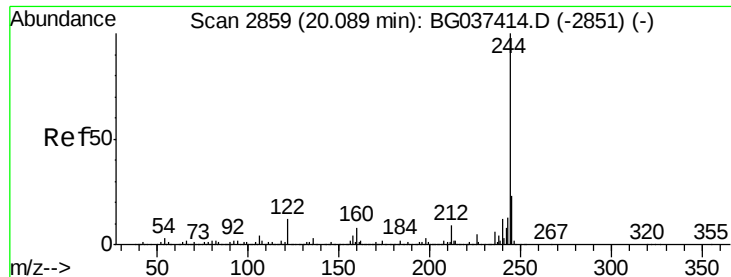


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.169 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

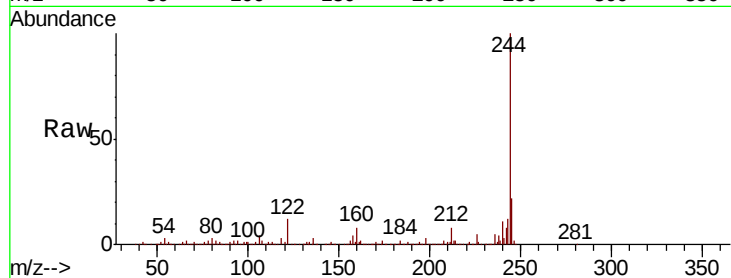
Tgt Ion:244 Resp: 1330735

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

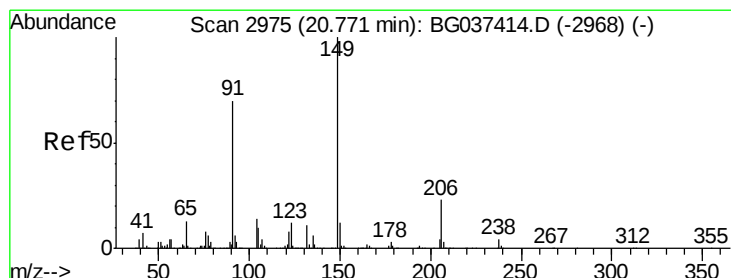
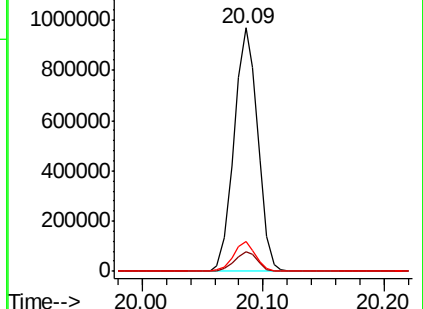
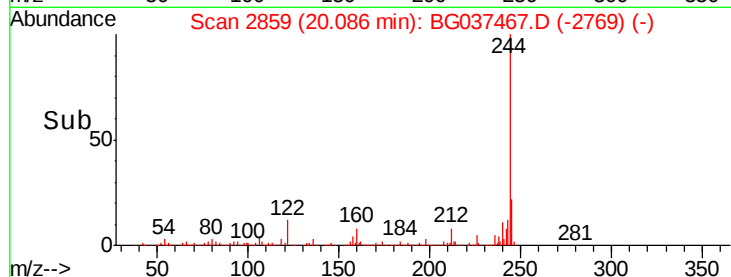
122 12.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 1.533 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

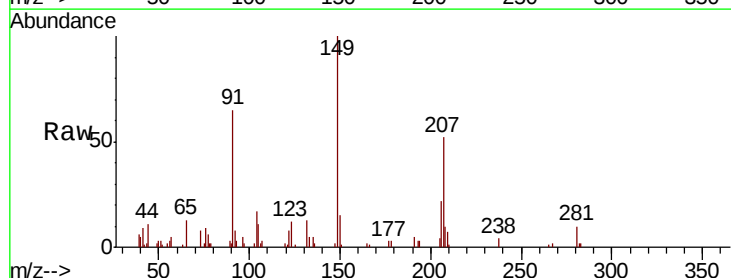
Tgt Ion:149 Resp: 15310

Ion Ratio Lower Upper

149 100

91 65.3 57.0 85.4

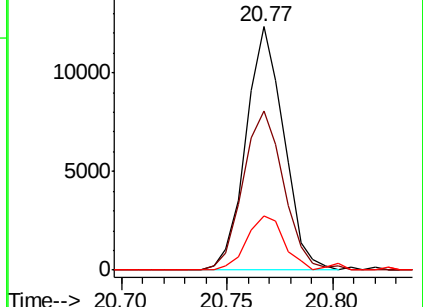
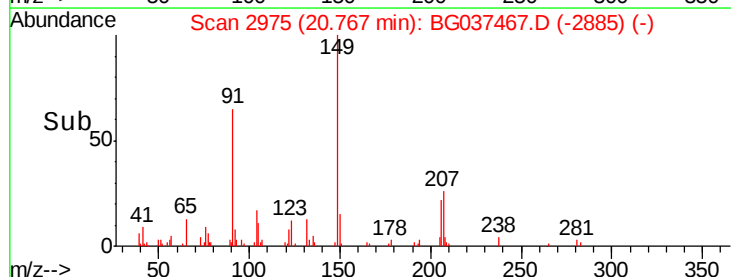
206 22.2 17.8 26.6

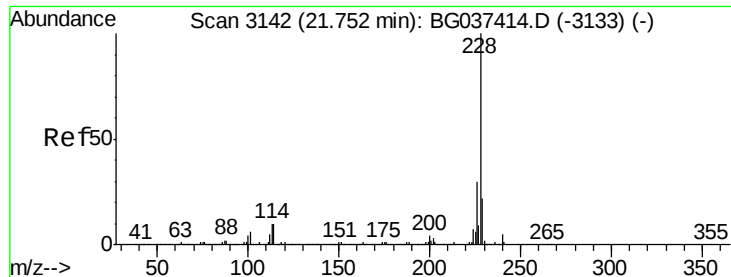


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

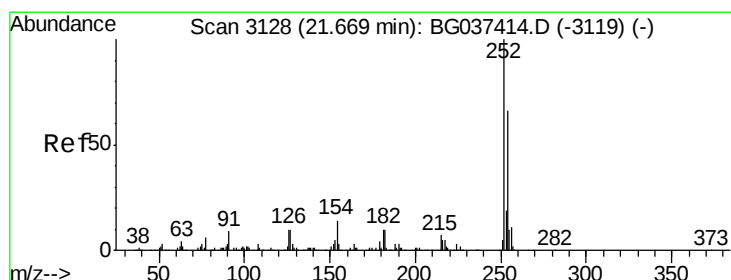
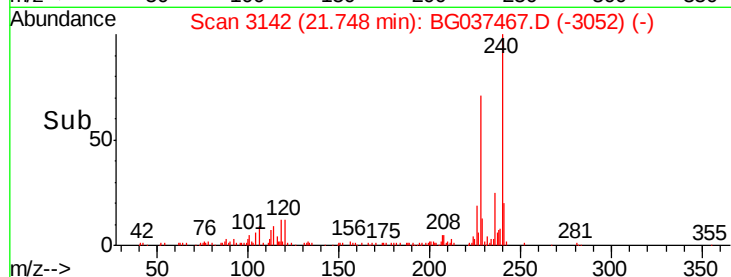
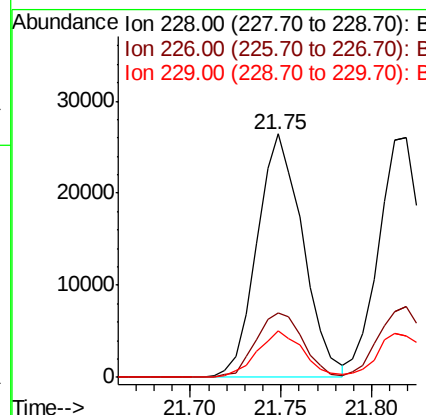
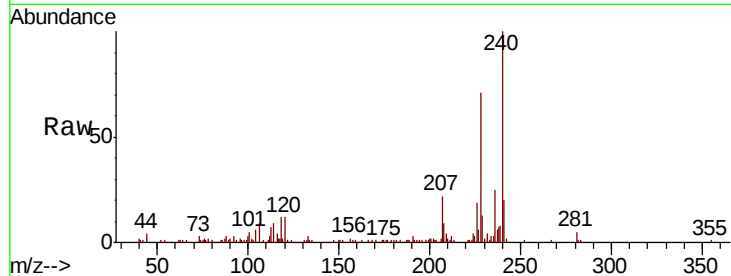




#81
Benzo(a)anthracene
Concen: 2.102 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

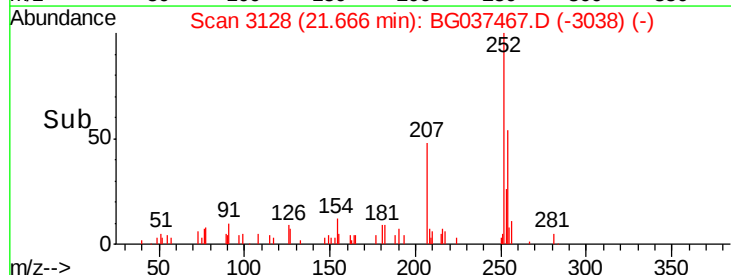
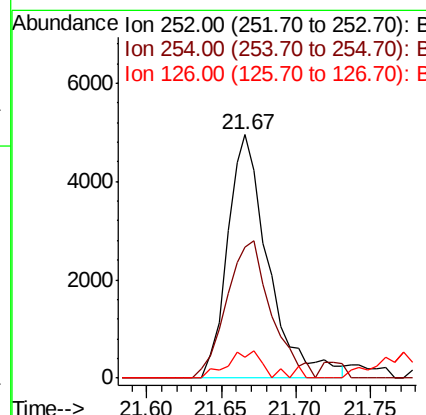
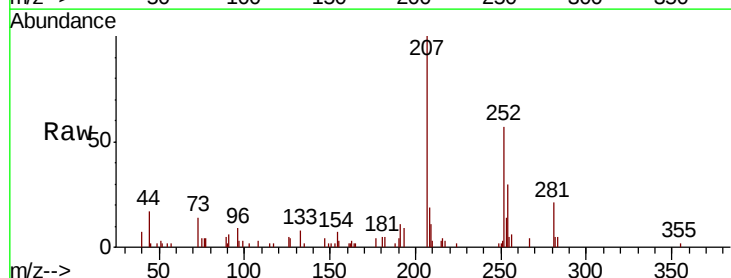
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

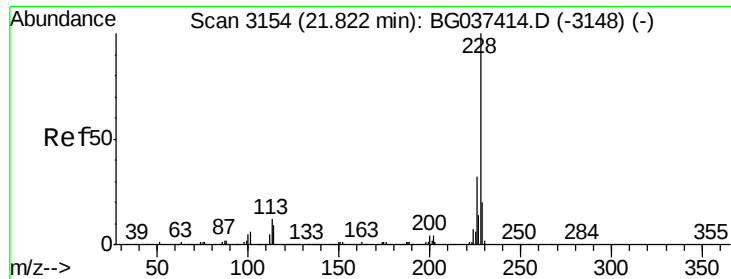
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	18.9	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 1.103 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	54.0	52.0	78.0
126	8.7	8.2	12.4





#83

Chrysene

Concen: 2.054 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

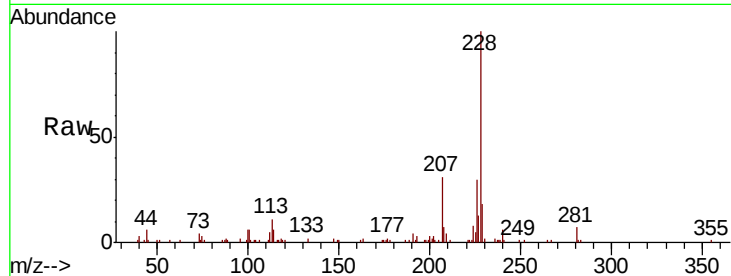
Tgt Ion: 228 Resp: 43601

Ion Ratio Lower Upper

228 100

226 29.8 25.7 38.5

229 17.5 16.5 24.7

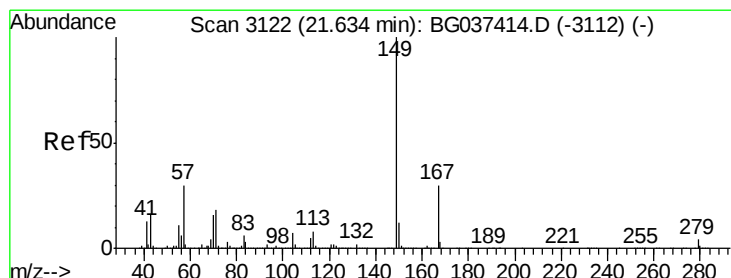
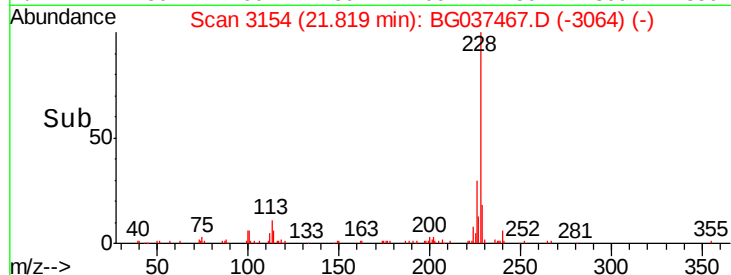
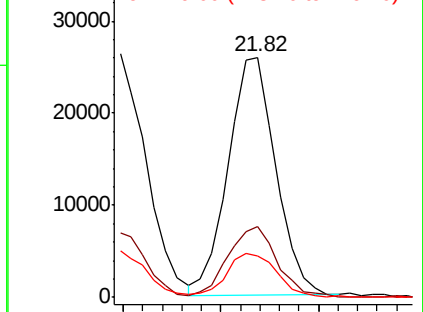


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.590 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

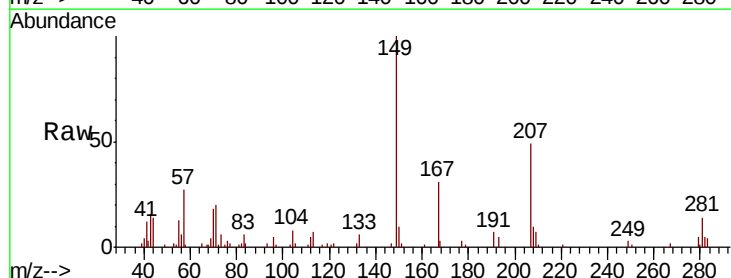
Tgt Ion: 149 Resp: 22262

Ion Ratio Lower Upper

149 100

167 31.4 23.0 34.4

279 5.1 3.6 5.4

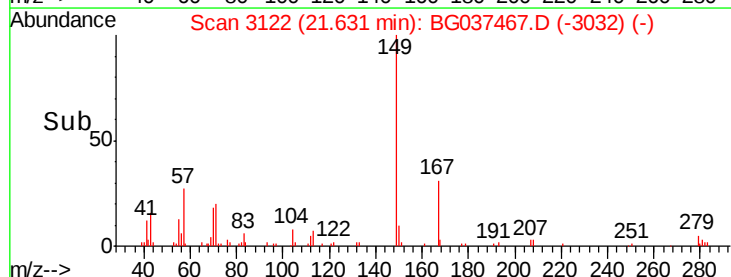
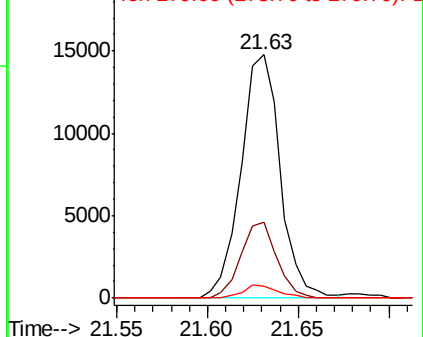


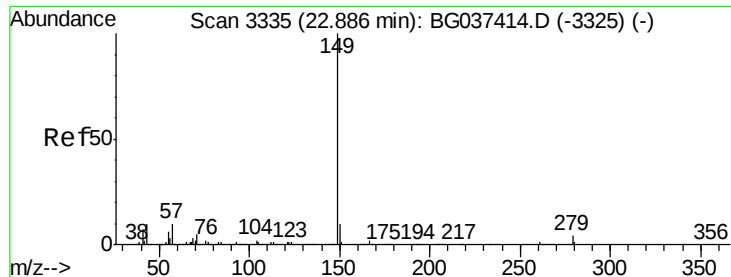
Abundance

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: 1.487 ng

RT: 22.88 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

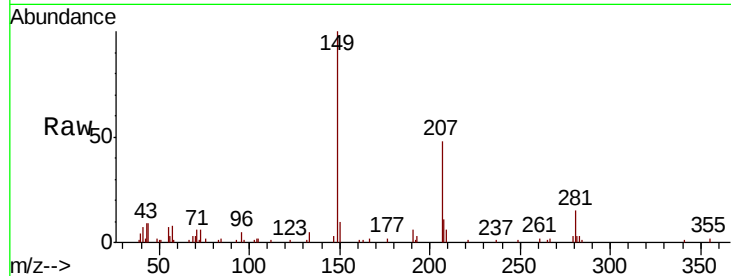
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

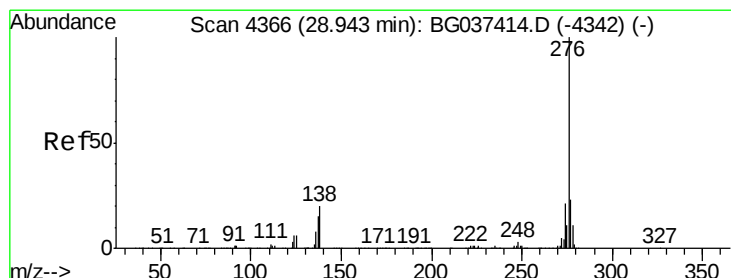
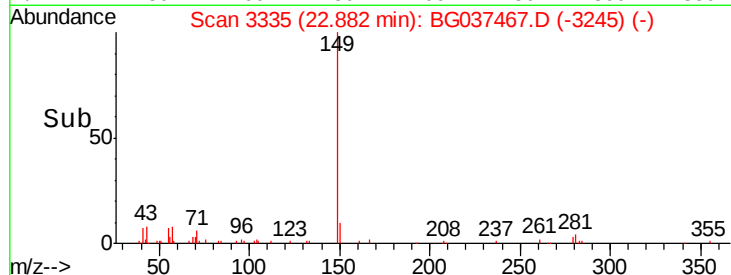
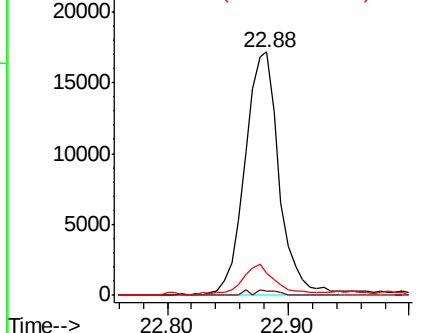
Tgt Ion:	149	Resp:	33939
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.6	8.7	13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng

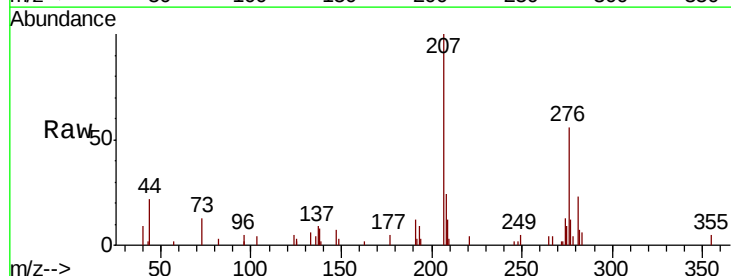
RT: 28.91 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

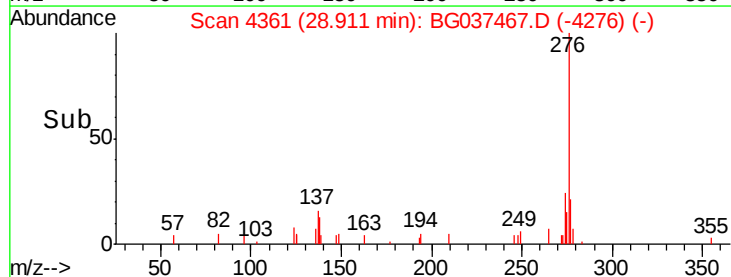
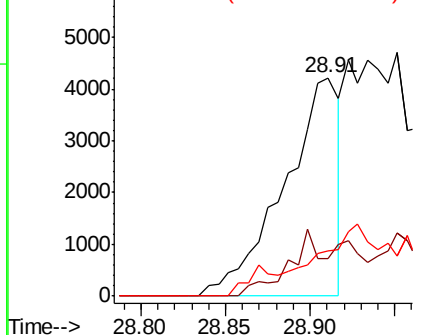
Tgt Ion:	276	Resp:	9534
Ion Ratio	Lower	Upper	
276	100		
138	6.7	12.0	18.0#
277	41.1	20.6	30.8#

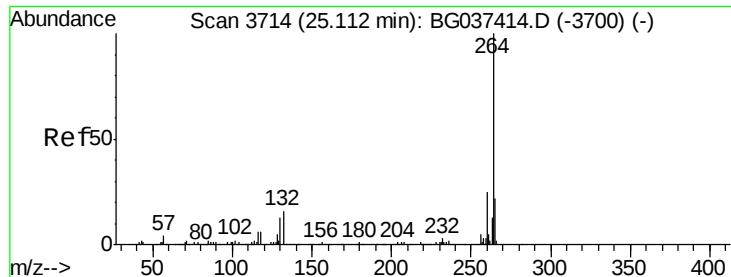


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

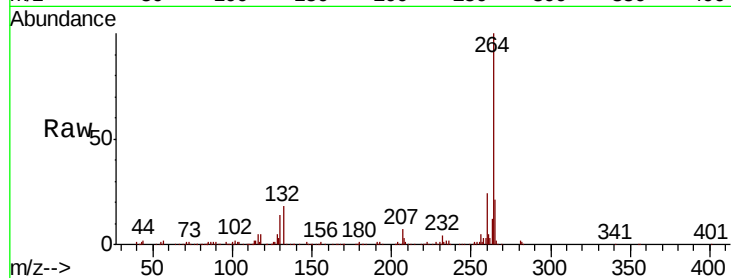
Tgt Ion:264 Resp: 356853

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

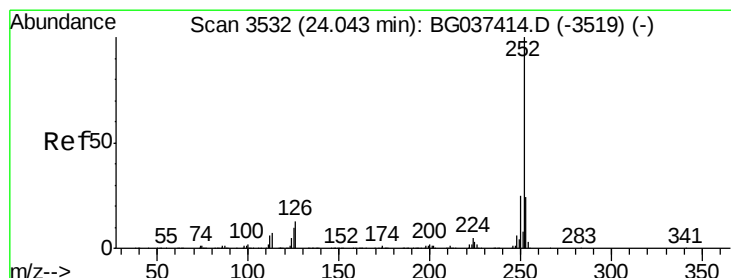
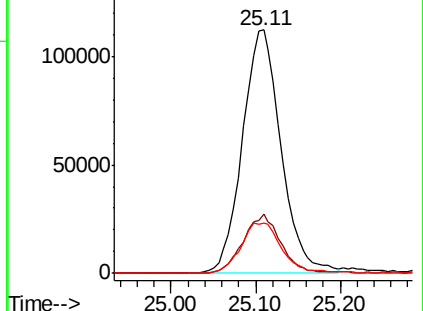
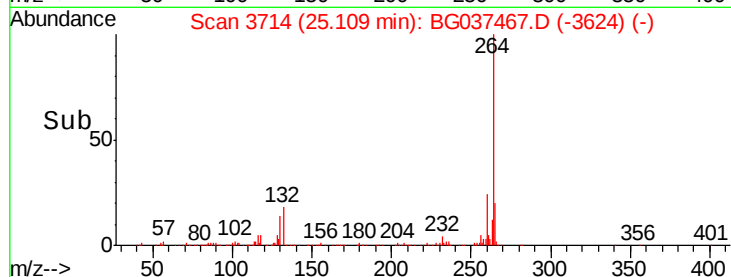
265 20.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 1.915 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

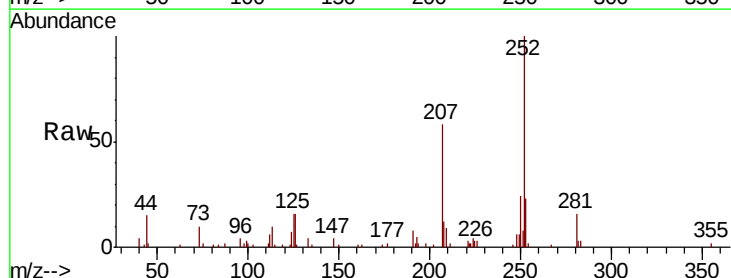
Tgt Ion:252 Resp: 37469

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

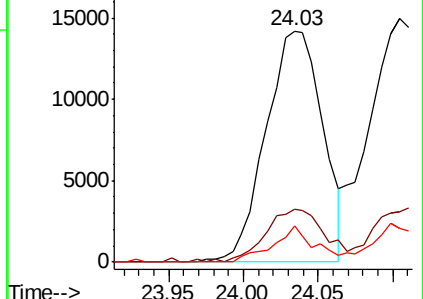
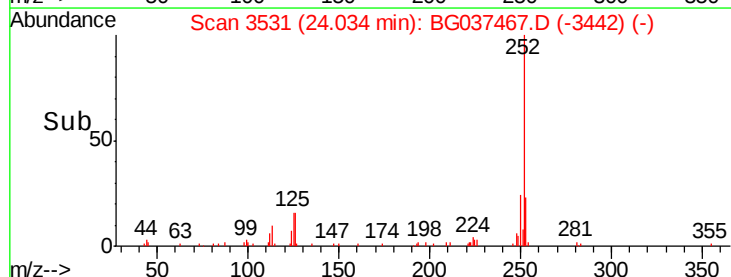
125 15.8 7.8 11.6#

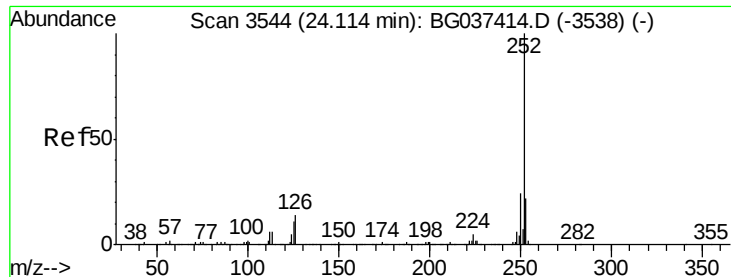


Abundance Ion 252.00 (251.70 to 252.70): E

20000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.217 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

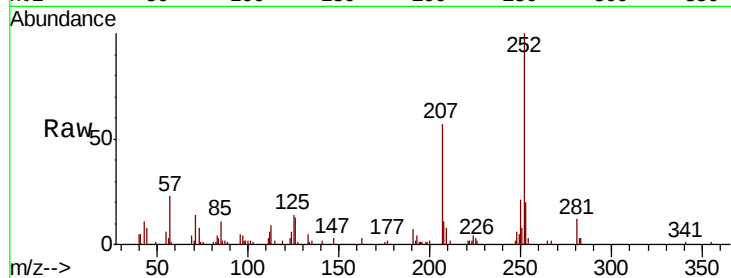
Tgt Ion:252 Resp: 42498

Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.2

125 13.8 7.4 11.0#

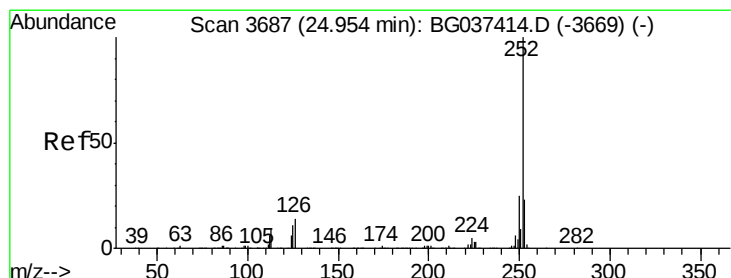
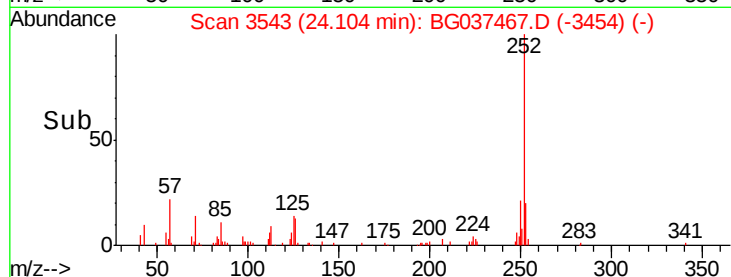
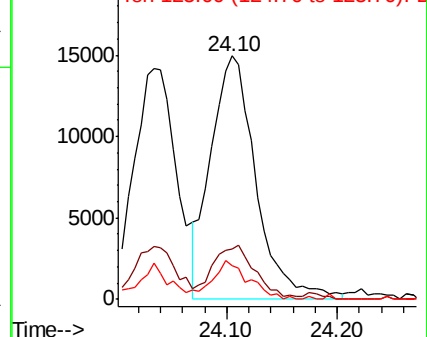


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.058 ng

RT: 24.94 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG037467.D

Acq: 20 Oct 2018 1:43

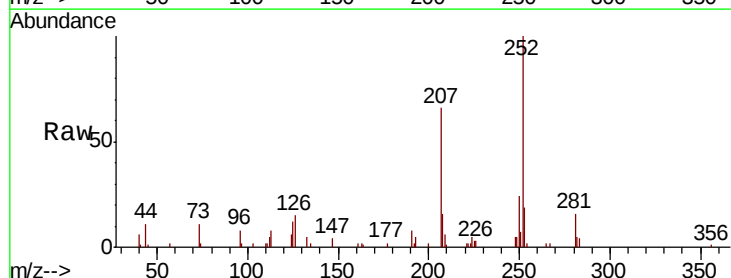
Tgt Ion:252 Resp: 38264

Ion Ratio Lower Upper

252 100

253 19.2 17.4 26.2

125 11.8 9.0 13.6

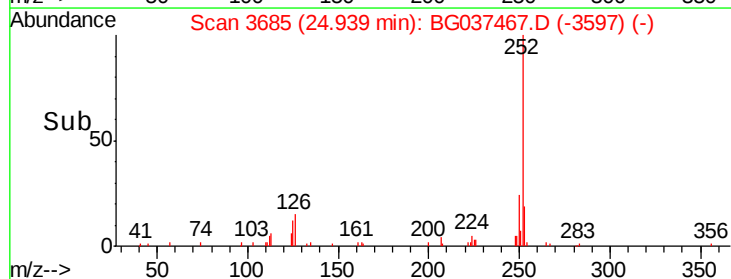
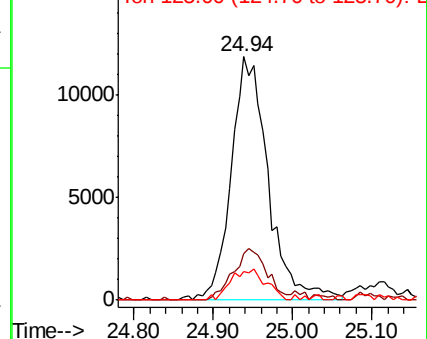


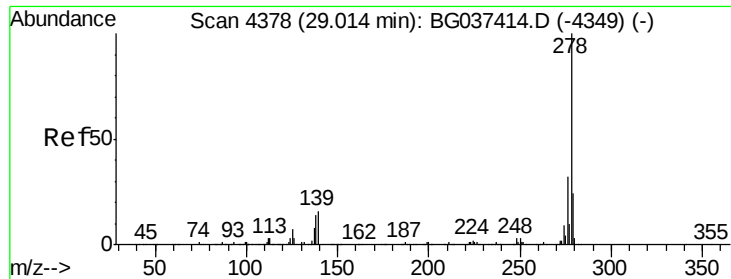
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

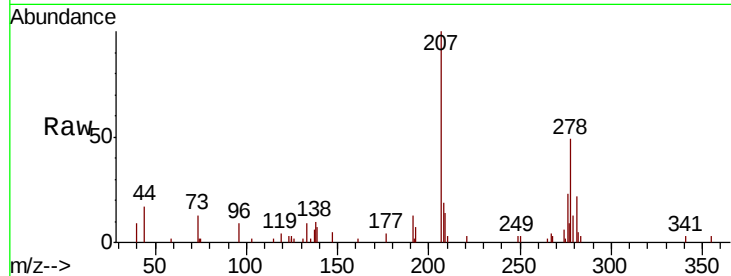




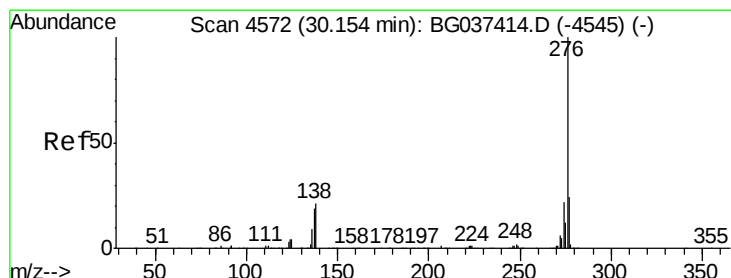
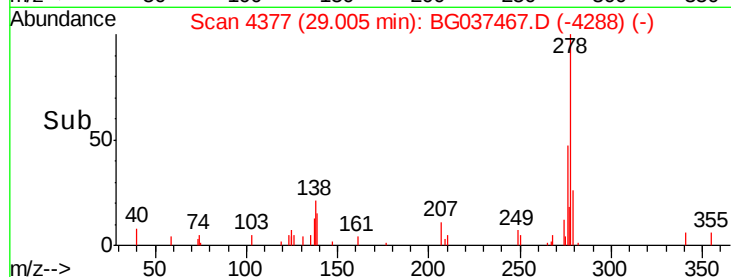
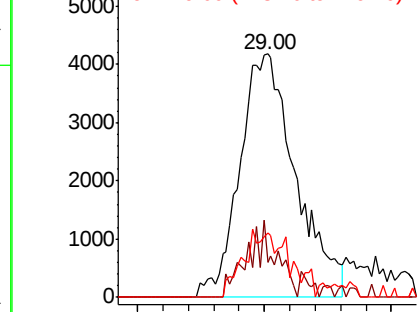
#91
Dibenzo(a,h)anthracene
Concen: 1.491 ng
RT: 29.00 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	26.3	18.6	27.8

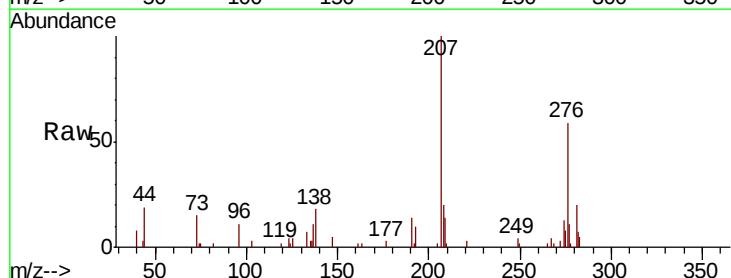


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 1.747 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037467.D
Acq: 20 Oct 2018 1:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	18.7	18.9	28.3#
138	30.4	17.2	25.8#



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

