

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037442.D
 Acq On : 19 Oct 2018 6:27
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 5 PPM
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 19 09:04:26 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	50576	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	238203	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	162086	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395683	20.00	ng	0.00
76) Chrysene-d12	21.77	240	362178	20.00	ng	0.00
87) Perylene-d12	25.10	264	364857	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	424474	140.32	ng	0.00
7) Phenol-d6	7.25	99	622380	136.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	343149	80.70	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	238142	134.71	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	851217	79.19	ng	0.00
79) Terphenyl-d14	20.09	244	1294387	76.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	7442	4.851	ng	87
3) Pyridine	3.95	79	19492	5.041	ng	89
4) n-Nitrosodimethylamine	3.86	42	8419	6.113	ng	# 91
6) Aniline	7.43	93	19390	3.475	ng	96
8) 2-Chlorophenol	7.67	128	18072	5.107	ng	98
9) Benzaldehyde	7.25	77	14076	4.919	ng	97
10) Phenol	7.27	94	24063	4.986	ng	81
11) bis(2-Chloroethyl)ether	7.52	93	17544	4.786	ng	94
12) 1,3-Dichlorobenzene	7.99	146	18881	4.792	ng	98
13) 1,4-Dichlorobenzene	8.14	146	19813	4.916	ng	95
14) 1,2-Dichlorobenzene	8.46	146	18303	4.721	ng	92
15) Benzyl Alcohol	8.35	79	15471	4.577	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	32538	4.961	ng	99
17) 2-Methylphenol	8.54	107	16165	5.066	ng	88
18) Hexachloroethane	9.19	117	7049	5.131	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	14662	4.655	ng	93
20) 3+4-Methylphenols	8.86	107	21959	4.813	ng	97
22) Acetophenone	8.93	105	30453	5.098	ng	# 94
24) Nitrobenzene	9.33	77	22110	5.005	ng	# 97
25) Isophorone	9.84	82	41217	5.305	ng	97
26) 2-Nitrophenol	10.04	139	8875	4.460	ng	98
27) 2,4-Dimethylphenol	10.07	122	19485	5.484	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	25518	5.013	ng	93
29) 2,4-Dichlorophenol	10.56	162	18286	4.622	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	19849	4.614	ng	97
31) Naphthalene	10.98	128	63134	5.396	ng	100
32) Benzoic acid	10.12	122	4674	2.025	ng	93
33) 4-Chloroaniline	11.08	127	19333	3.517	ng	94
34) Hexachlorobutadiene	11.24	225	11732	4.601	ng	95
35) Caprolactam	11.85	113	6105	3.848	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	20069	4.498	ng	95
37) 2-Methylnaphthalene	12.58	142	46399	5.440	ng	93
38) 1-Methylnaphthalene	12.58	142	46399	5.602	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	24305	4.649	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037442.D
 Acq On : 19 Oct 2018 6:27
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 5 PPM
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 19 09:04:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

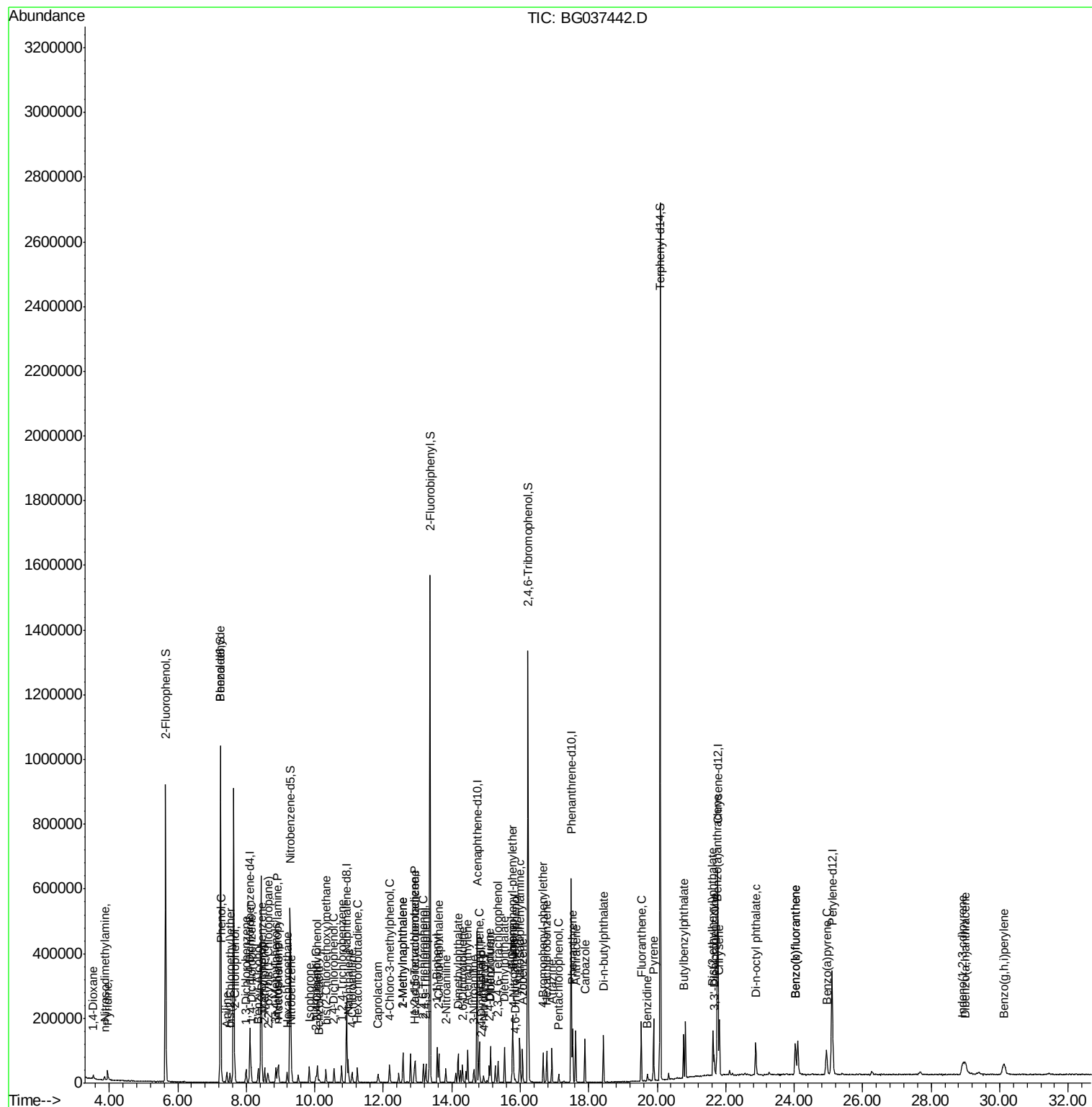
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	11278	4.516	nq	94
43) 2,4,6-Trichlorophenol	13.17	196	15043	4.307	nq	100
44) 2,4,5-Trichlorophenol	13.24	196	17581	4.623	nq	96
46) 1,1'-Biphenyl	13.58	154	60404	4.500	nq	94
47) 2-Chloronaphthalene	13.62	162	48512	4.777	nq	99
48) 2-Nitroaniline	13.82	65	13610	4.419	nq	91
49) Acenaphthylene	14.47	152	80216	5.251	nq	94
50) Dimethylphthalate	14.19	163	63827	5.090	nq	97
51) 2,6-Dinitrotoluene	14.32	165	12889	4.646	nq	88
52) Acenaphthene	14.80	154	47617	5.061	nq	97
53) 3-Nitroaniline	14.65	138	11795	3.830	nq	91
54) 2,4-Dinitrophenol	14.85	184	658	7.145	nq	# 76
55) Dibenzofuran	15.13	168	82033	5.263	nq	97
56) 4-Nitrophenol	14.93	139	6793	2.980	nq	89
57) 2,4-Dinitrotoluene	15.10	165	15914	4.370	nq	97
58) Fluorene	15.79	166	64543	5.529	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	15053	4.623	nq	# 98
60) Diethylphthalate	15.54	149	65377	5.078	nq	97
61) 4-Chlorophenyl-phenylether	15.77	204	32989	4.849	nq	97
62) 4-Nitroaniline	15.80	138	13045	4.263	nq	# 82
63) Azobenzene	16.07	77	64843	5.279	nq	96
65) 4,6-Dinitro-2-methylphenol	15.86	198	3147	9.754	nq	# 73
66) n-Nitrosodiphenylamine	15.99	169	58285	4.897	nq	97
67) 4-Bromophenyl-phenylether	16.67	248	20655	4.753	nq	85
68) Hexachlorobenzene	16.78	284	21922	4.868	nq	95
69) Atrazine	16.93	200	18732	4.353	nq	95
70) Pentachlorophenol	17.12	266	6078	2.015	nq	94
71) Phenanthrene	17.52	178	111068	5.523	nq	98
72) Anthracene	17.62	178	109333	5.540	nq	98
73) Carbazole	17.89	167	93993	4.761	nq	95
74) Di-n-butylphthalate	18.43	149	106334	4.842	nq	98
75) Fluoranthene	19.53	202	123762	5.426	nq	99
77) Benzidine	19.72	184	15608	1.267	nq	96
78) Pyrene	19.89	202	125990	5.321	nq	96
80) Butylbenzylphthalate	20.77	149	42956	4.433	nq	90
81) Benzo(a)anthracene	21.75	228	114979	5.367	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	26735	3.220	nq	99
83) Chrysene	21.81	228	109431	5.312	nq	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	60443	4.450	nq	97
85) Di-n-octyl phthalate	22.88	149	98548	4.450	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	92151	4.171	nq	# 92
88) Benzo(b)fluoranthene	24.03	252	103365	5.168	nq	100
89) Benzo(k)fluoranthene	24.03	252	103365	5.274	nq	98
90) Benzo(a)pyrene	24.94	252	98413	5.178	nq	96
91) Dibenzo(a,h)anthracene	29.01	278	74104	4.227	nq	98
92) Benzo(g,h,i)perylene	30.12	276	82577	4.655	nq	98

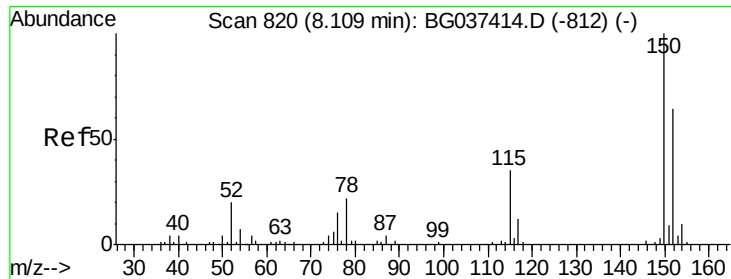
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037442.D
Acq On : 19 Oct 2018 6:27
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 5 PPM
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 19 09:04:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



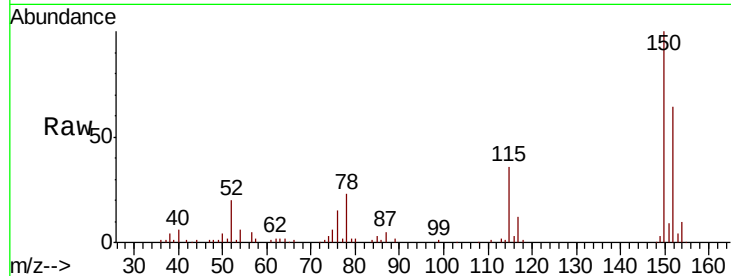


#1

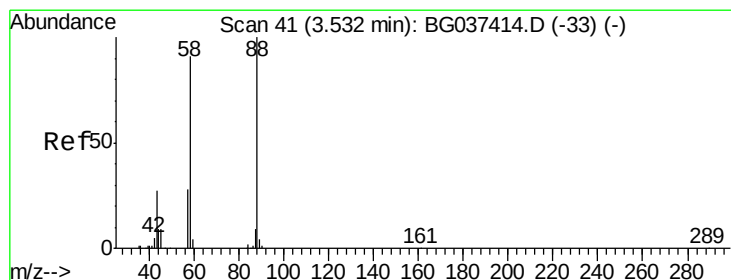
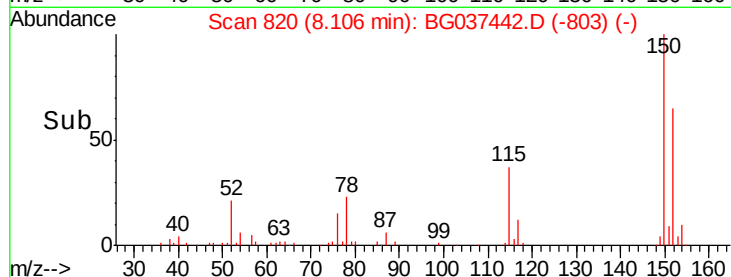
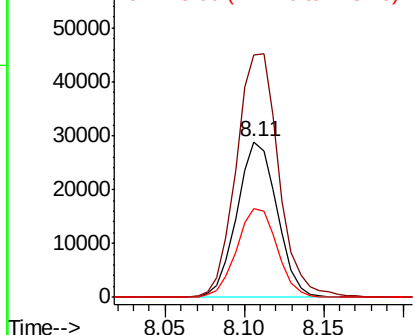
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

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

Tot Ion:152 Resp: 50576
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 56.7 45.5 68.3



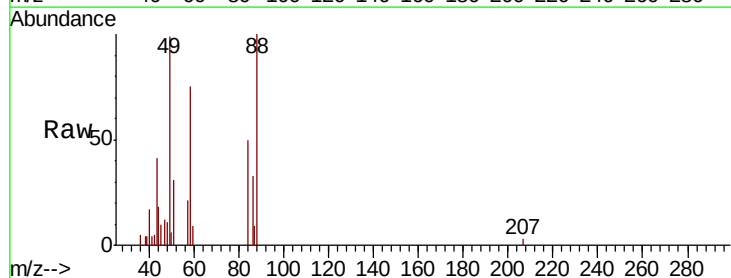
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



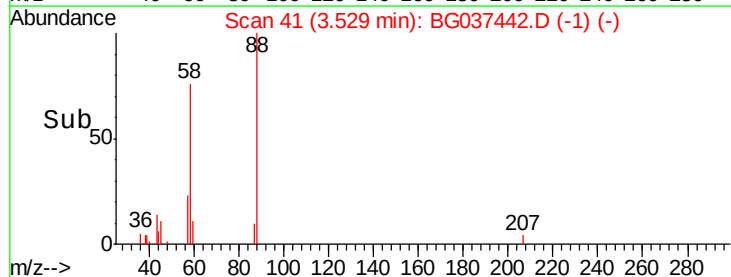
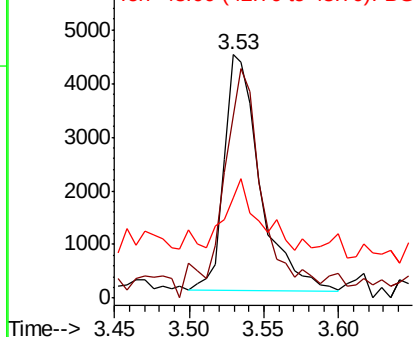
#2

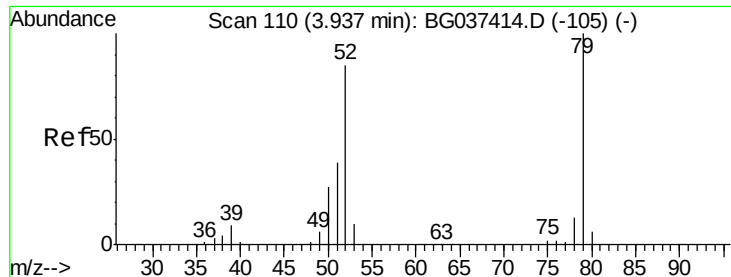
1,4-Dioxane
Concen: 4.851 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion: 88 Resp: 7442
Ion Ratio Lower Upper
88 100
58 108.4 74.4 111.6
43 30.2 25.8 38.8



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





#3

Pvridine

Concen: 5.041 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

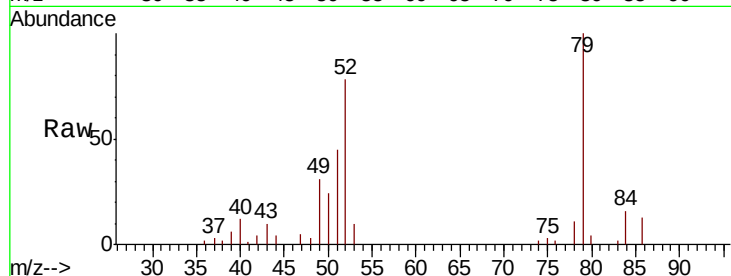
Tot Ion: 79 Resp: 19492

Ion Ratio Lower Upper

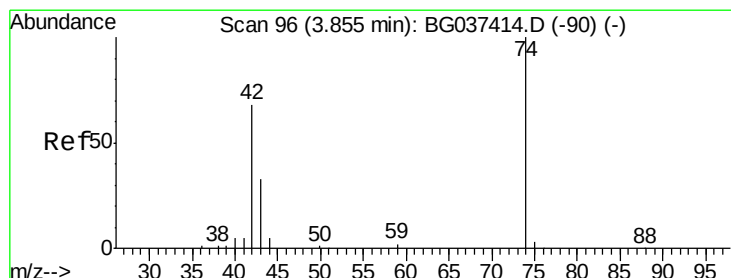
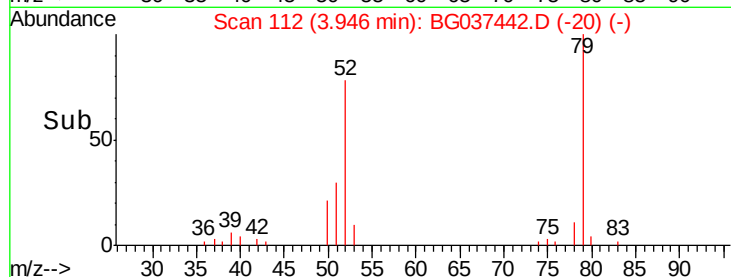
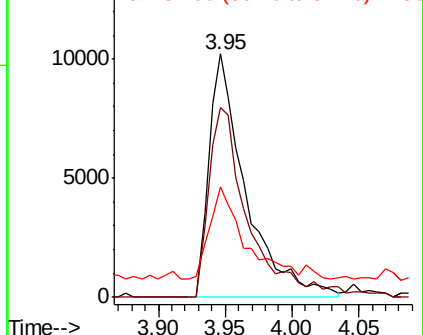
79 100

52 78.0 74.2 111.2

51 45.2 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 6.113 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

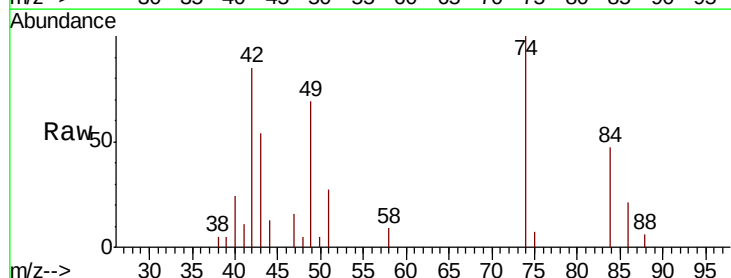
Tgt Ion: 42 Resp: 8419

Ion Ratio Lower Upper

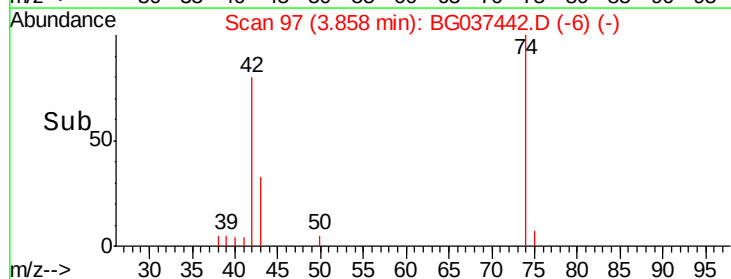
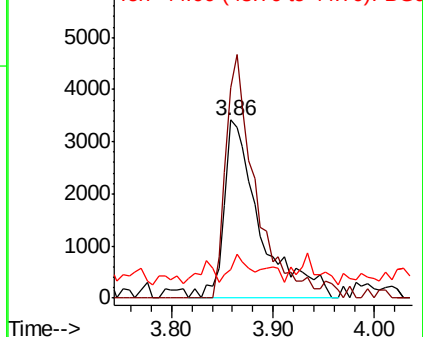
42 100

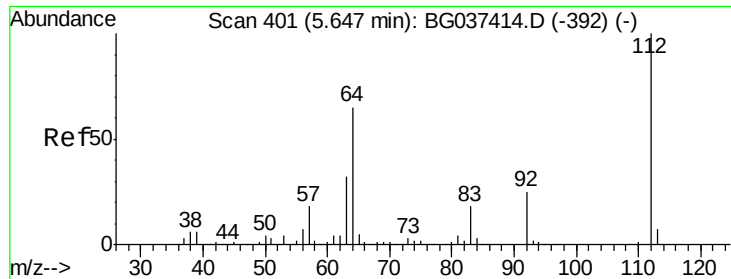
74 117.8 102.0 153.0

44 15.8 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.315 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

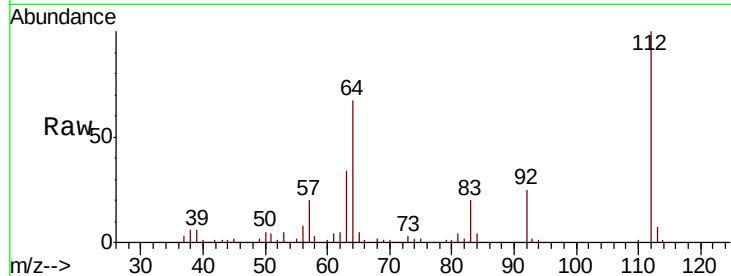
Tot Ion:112 Resp: 424474

Ion Ratio Lower Upper

112 100

64 66.9 53.1 79.7

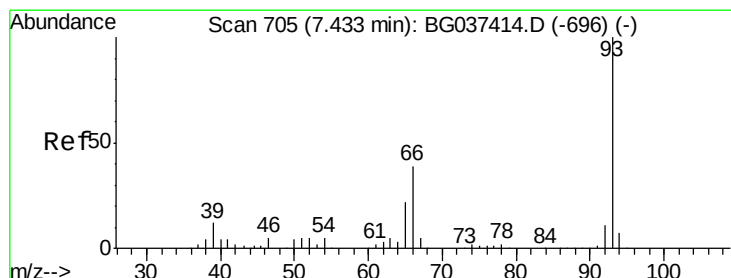
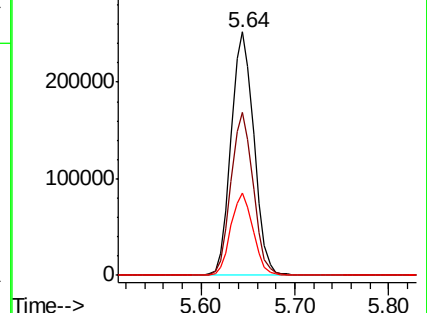
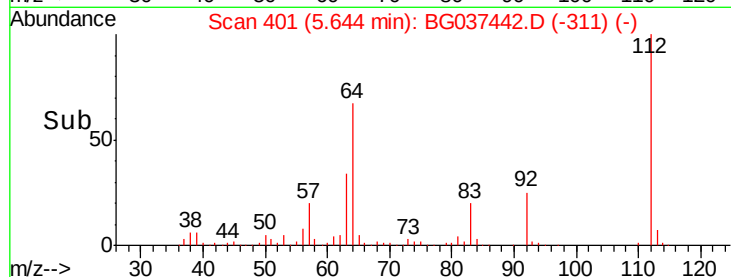
63 34.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.475 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

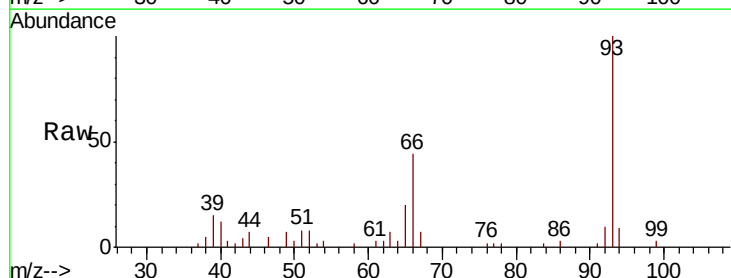
Tgt Ion: 93 Resp: 19390

Ion Ratio Lower Upper

93 100

66 44.1 32.8 49.2

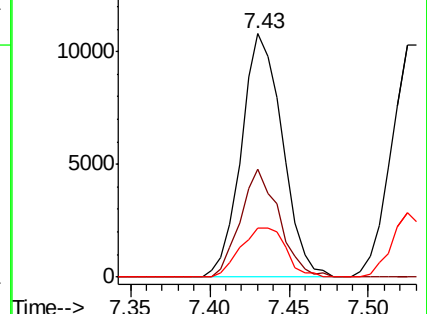
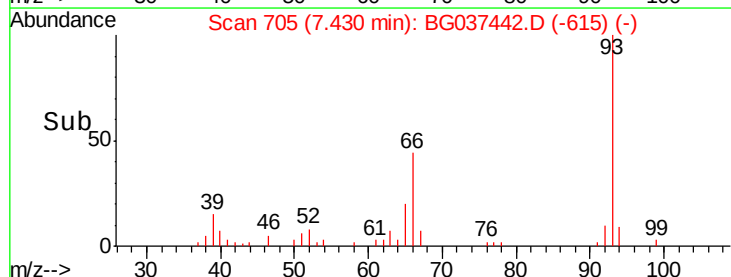
65 20.3 16.4 24.6

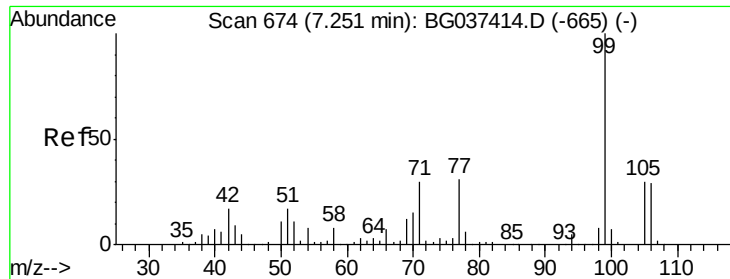


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.057 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

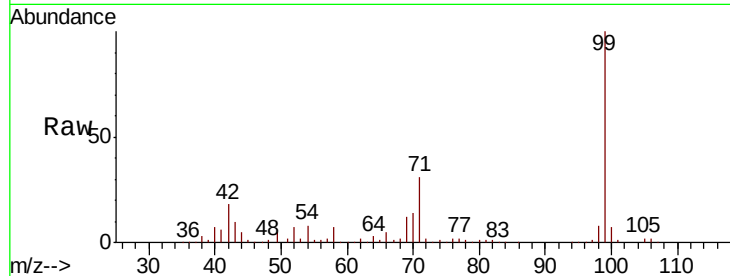
Tot Ion: 99 Resp: 622380

Ion Ratio Lower Upper

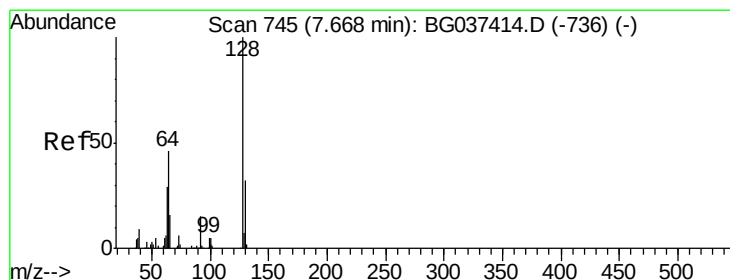
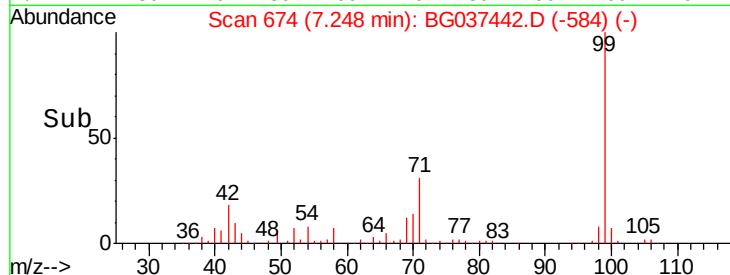
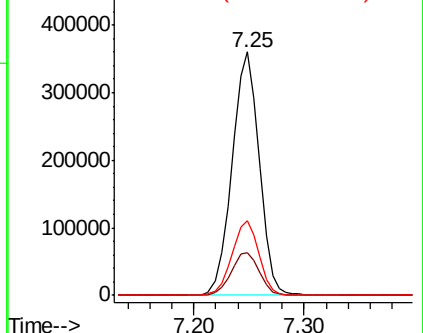
99 100

42 17.5 15.0 22.4

71 30.7 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: 5.107 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

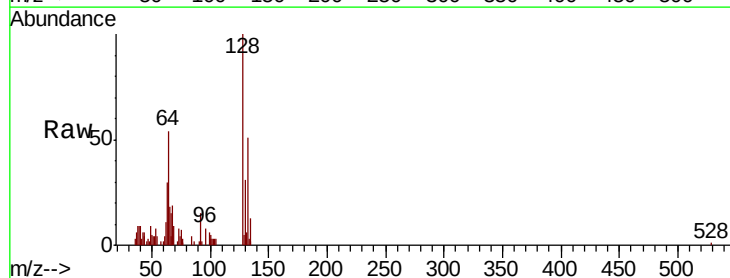
Tgt Ion: 128 Resp: 18072

Ion Ratio Lower Upper

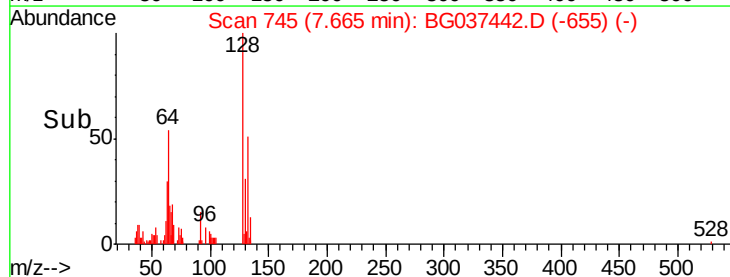
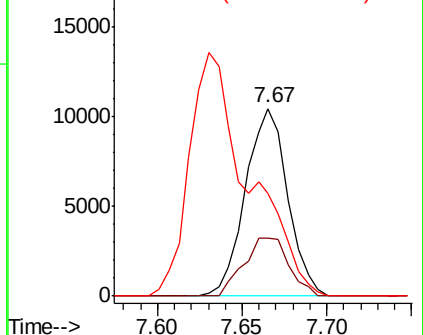
128 100

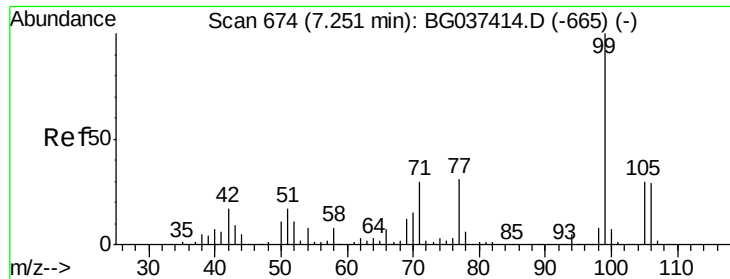
130 31.0 12.0 52.0

64 54.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 4.919 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

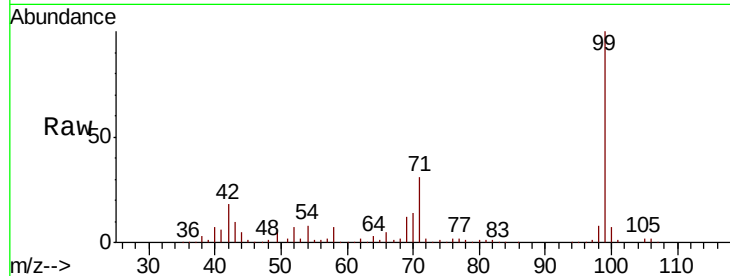
Tot Ion: 77 Resp: 14076

Ion Ratio Lower Upper

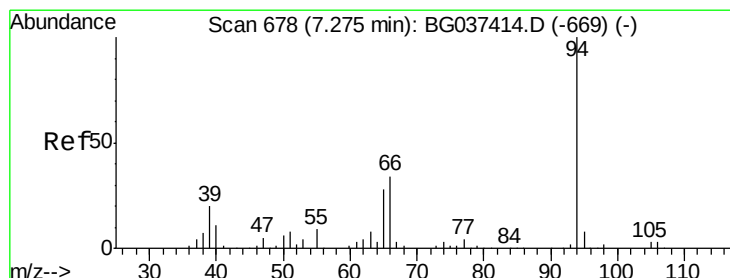
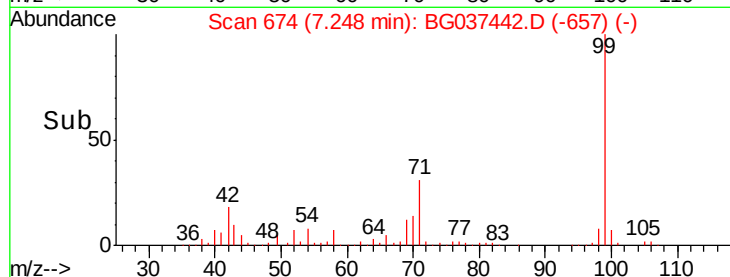
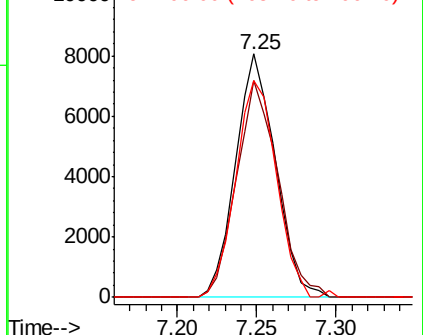
77 100

105 89.0 72.6 112.6

106 88.9 71.3 111.3



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



#10

Phenol

Concen: 4.986 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

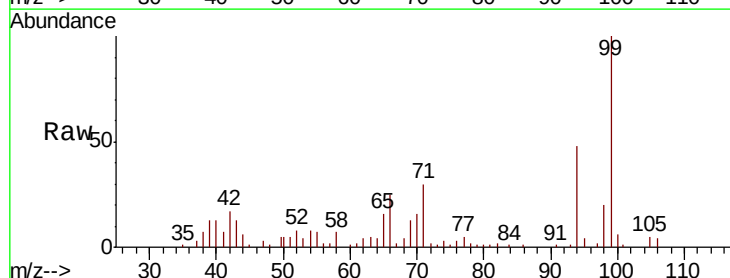
Tgt Ion: 94 Resp: 24063

Ion Ratio Lower Upper

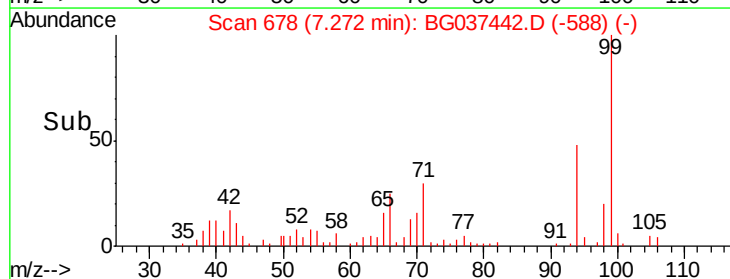
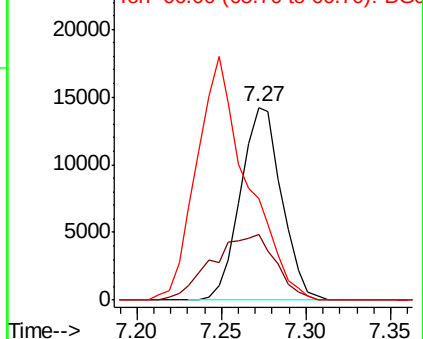
94 100

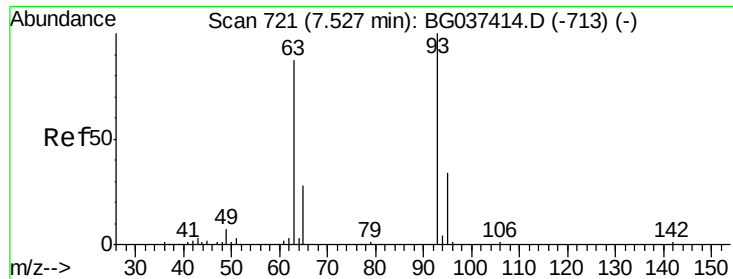
65 34.0 9.7 49.7

66 52.9 15.9 55.9



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

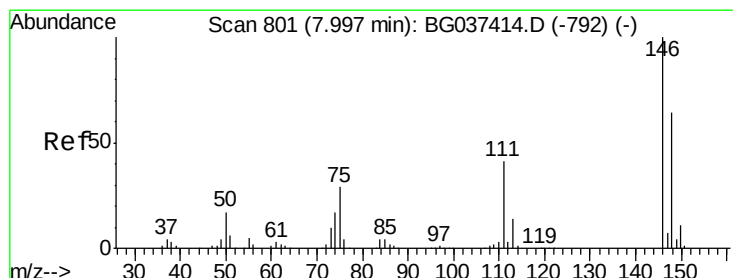
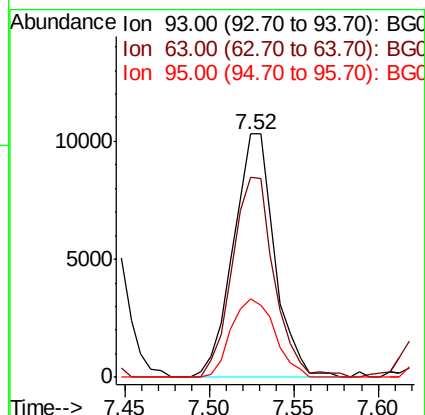
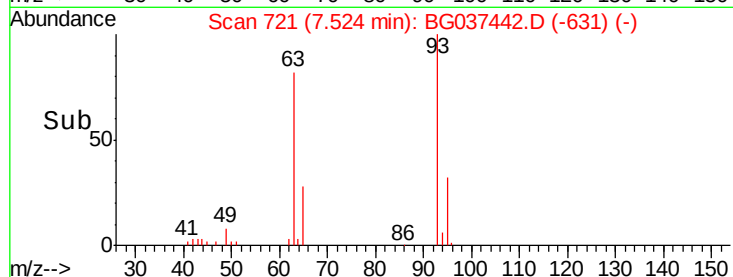
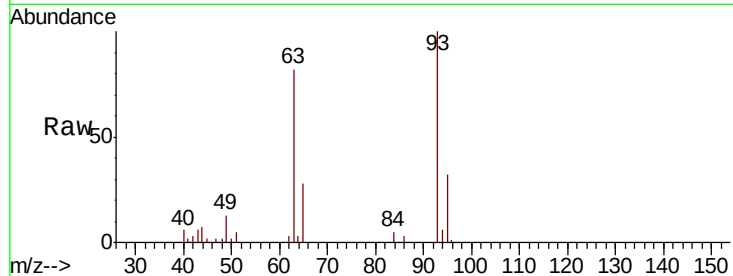




#11
bis(2-Chloroethyl)ether
Concen: 4.786 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

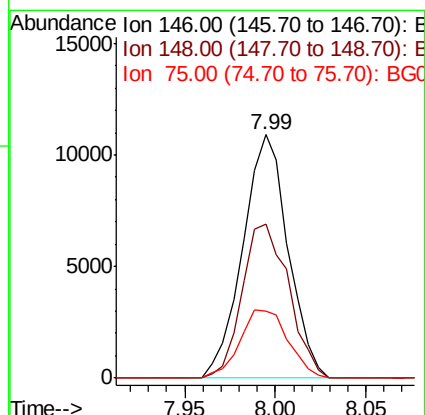
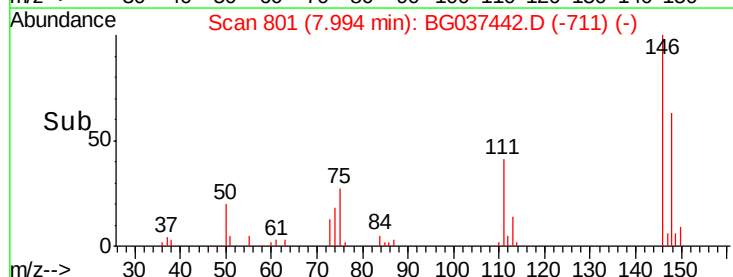
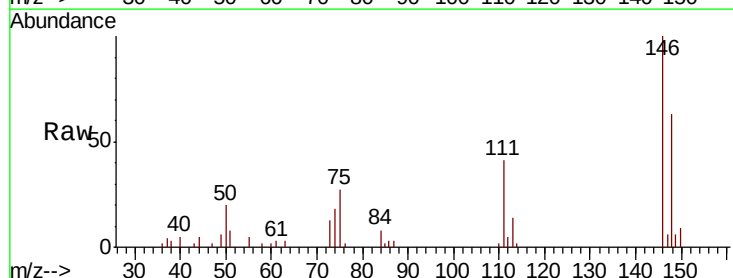
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

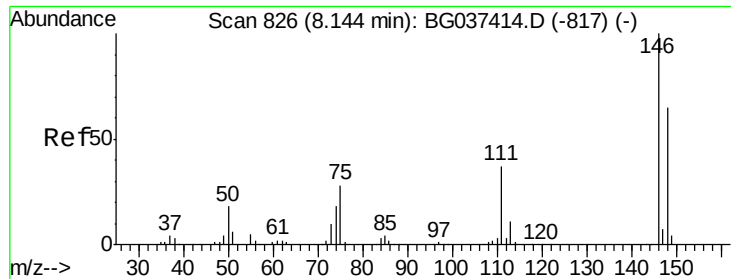
Tot Ion: 93 Resp: 17544
Ion Ratio Lower Upper
93 100
63 82.0 69.5 109.5
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 4.792 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion: 146 Resp: 18881
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.8
75 27.4 23.2 34.8

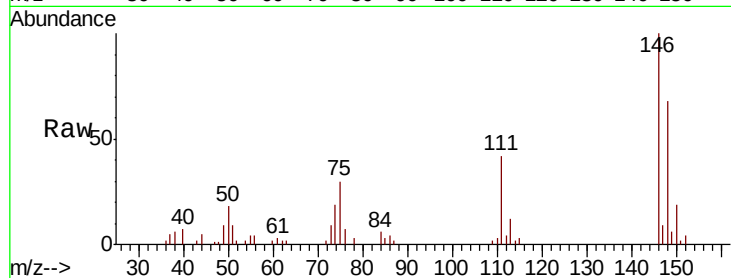




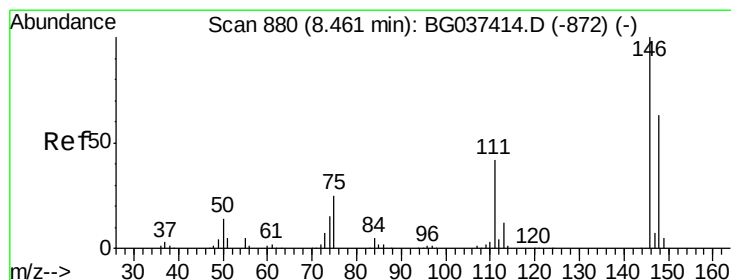
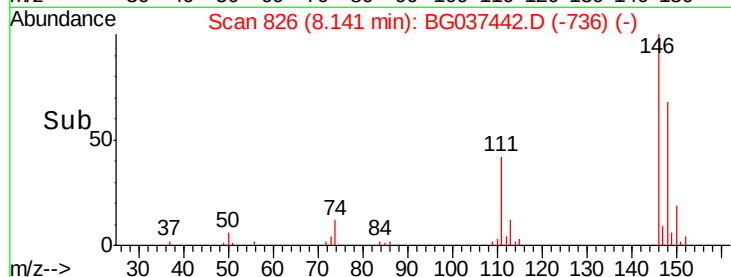
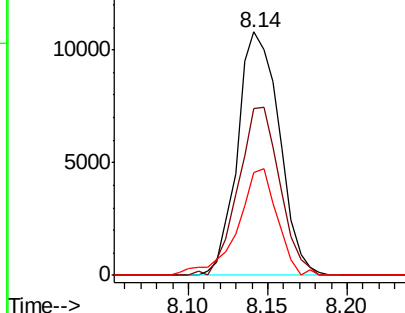
#13
 1,4-Dichlorobenzene
 Concen: 4.916 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

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

Tot Ion:146 Resp: 19813
 Ion Ratio Lower Upper
 146 100
 148 68.4 51.0 76.6
 111 42.3 32.4 48.6

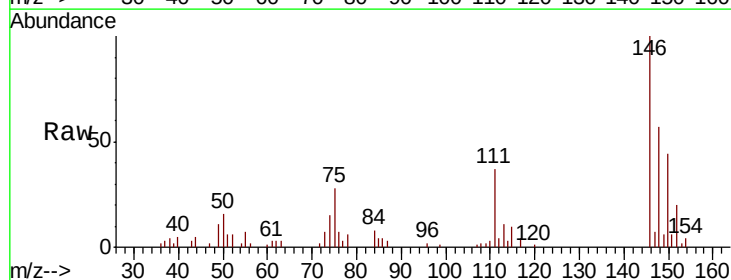


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

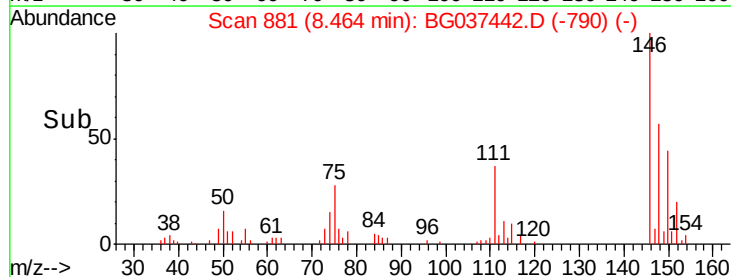
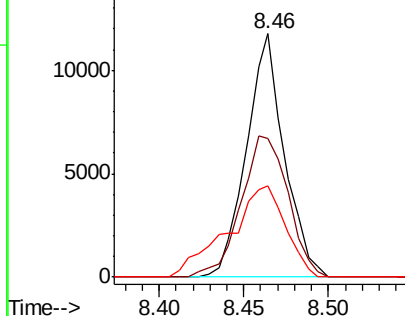


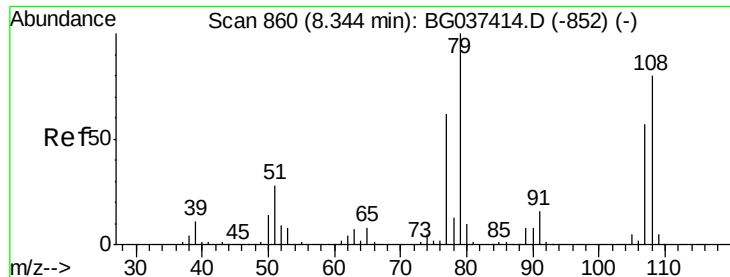
#14
 1,2-Dichlorobenzene
 Concen: 4.721 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion:146 Resp: 18303
 Ion Ratio Lower Upper
 146 100
 148 57.0 50.4 75.6
 111 37.3 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 4.577 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

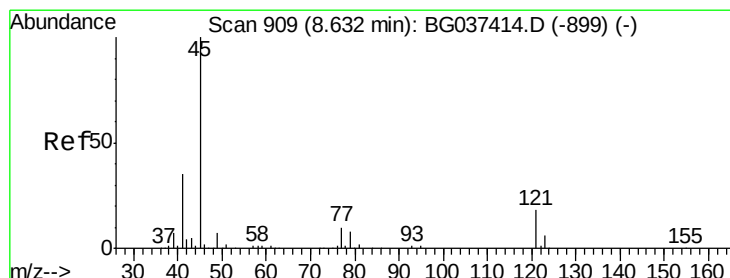
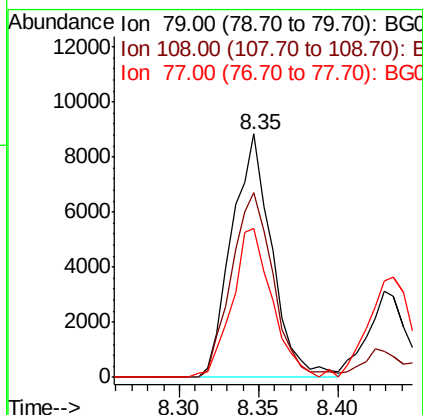
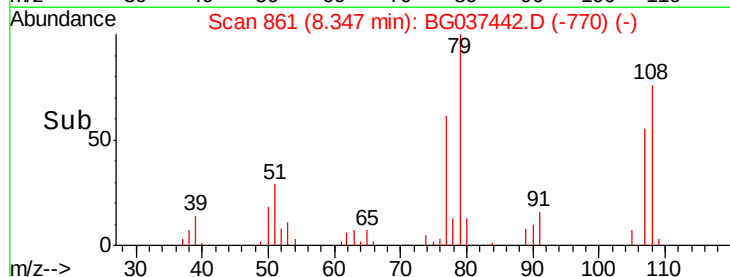
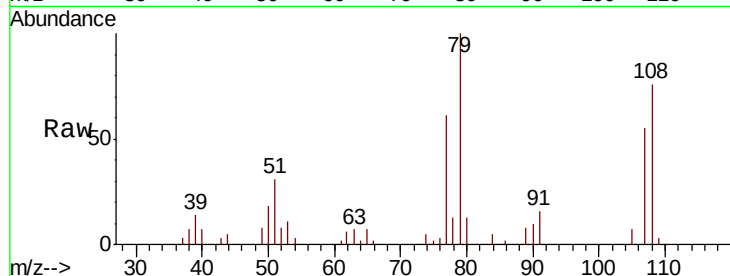
Tot Ion: 79 Resp: 15471

Ion Ratio Lower Upper

79 100

108 75.8 65.8 98.8

77 61.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.961 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

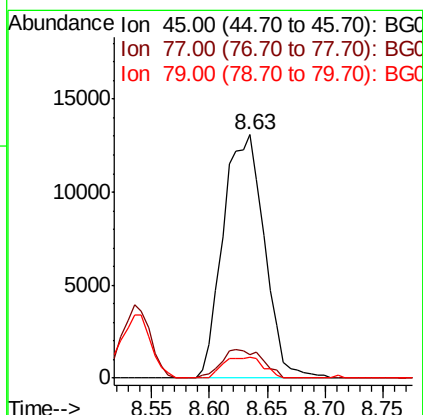
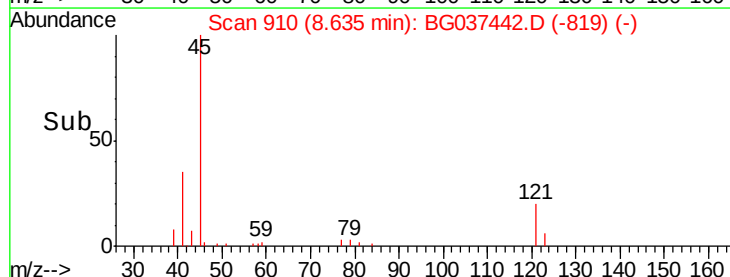
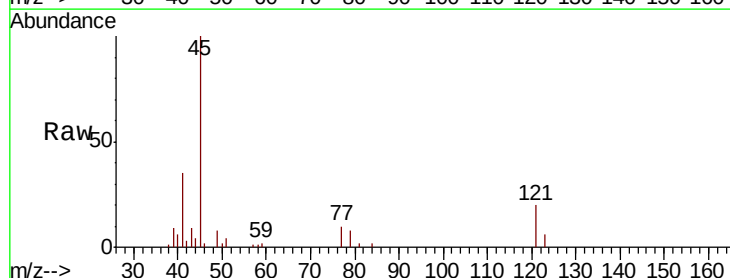
Tgt Ion: 45 Resp: 32538

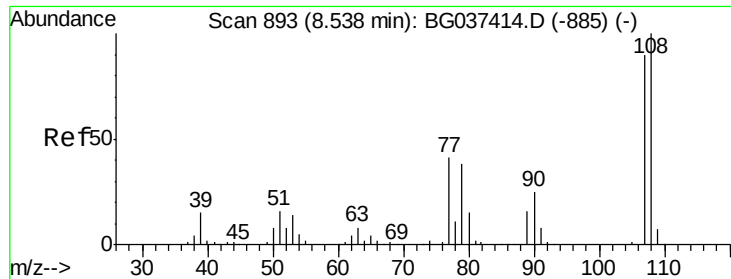
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 8.3 0.0 29.0

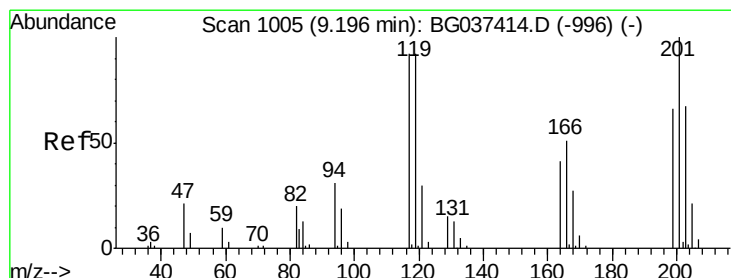
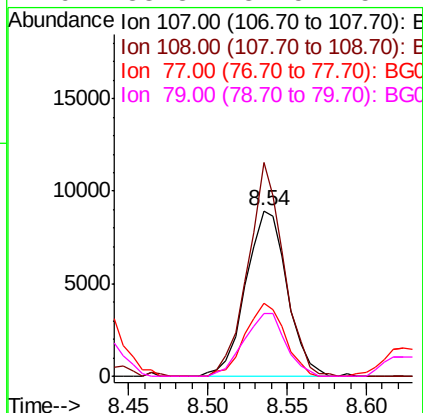
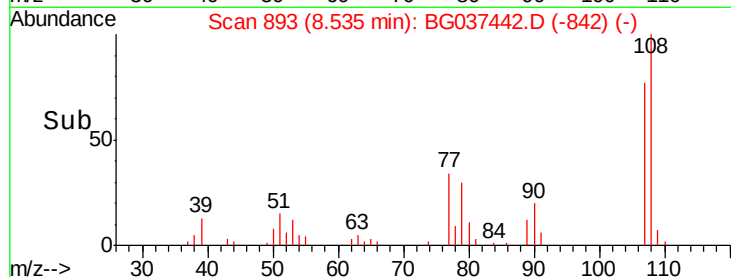
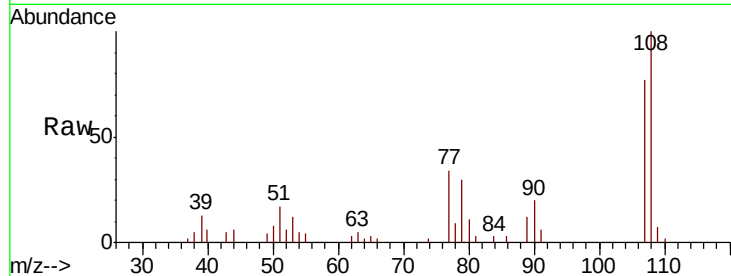




#17
2-Methylphenol
Concen: 5.066 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

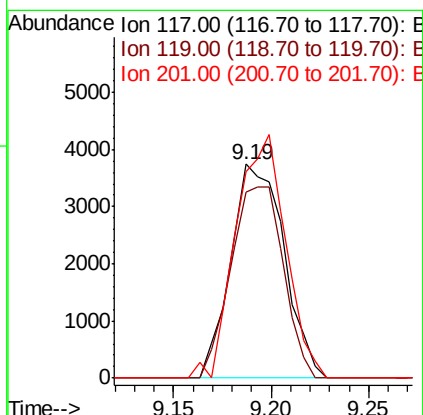
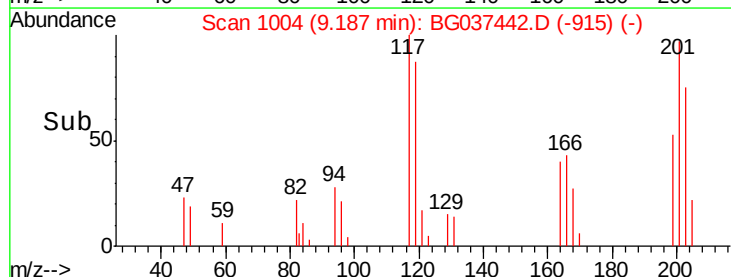
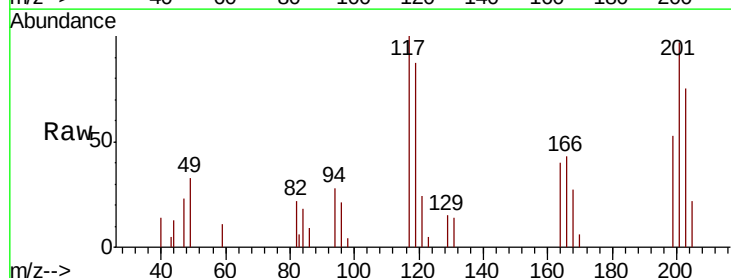
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

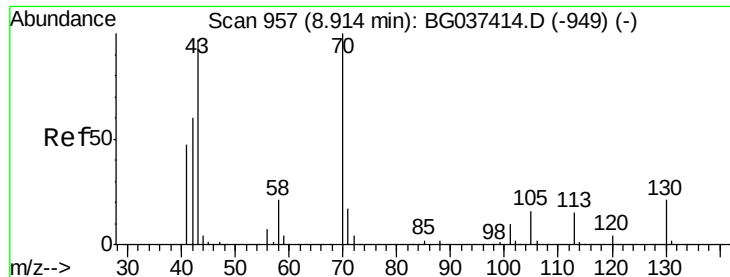
Tot Ion:	107	Resp:	16165
Ion	Ratio	Lower	Upper
107	100		
108	129.1	87.9	131.9
77	44.3	35.1	52.7
79	38.3	34.5	51.7



#18
Hexachloroethane
Concen: 5.131 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:	117	Resp:	7049
Ion	Ratio	Lower	Upper
117	100		
119	86.8	74.6	111.8
201	96.6	80.8	121.2

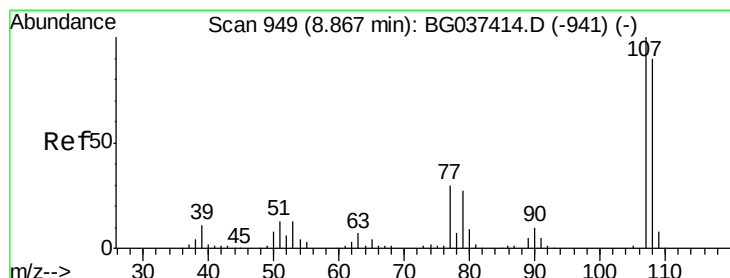
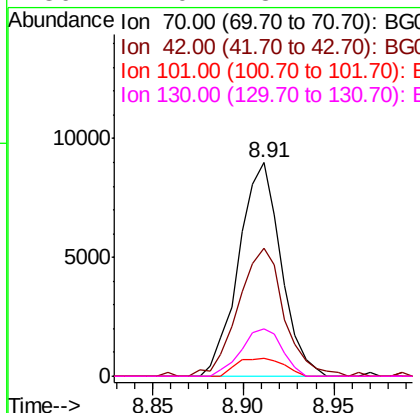
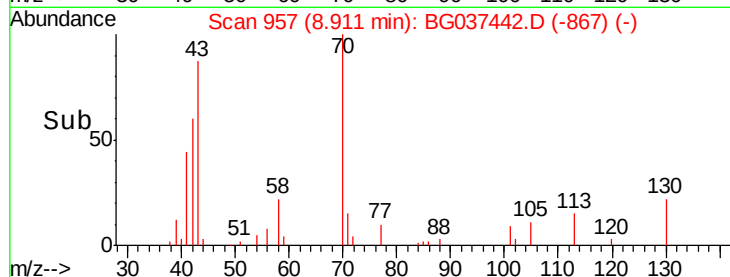
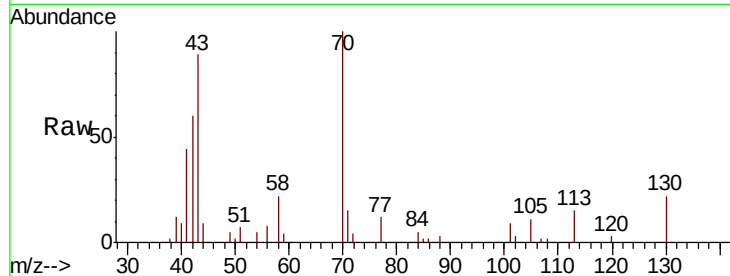




#19
n-Nitroso-di-n-propylamine
Concen: 4.655 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

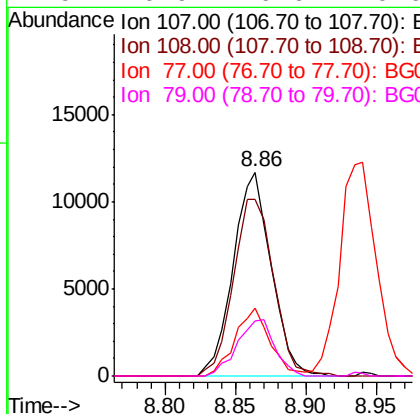
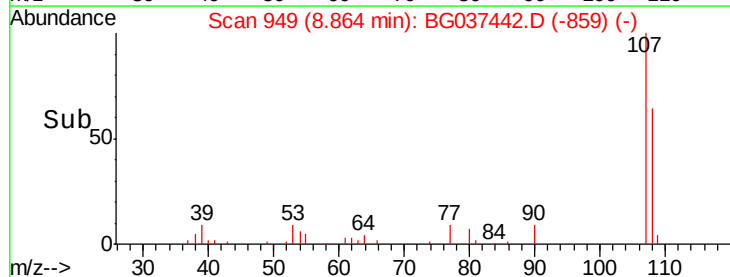
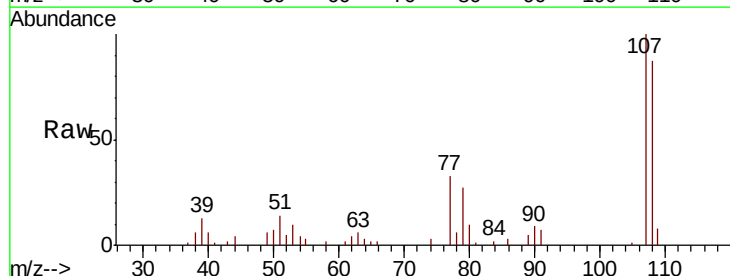
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

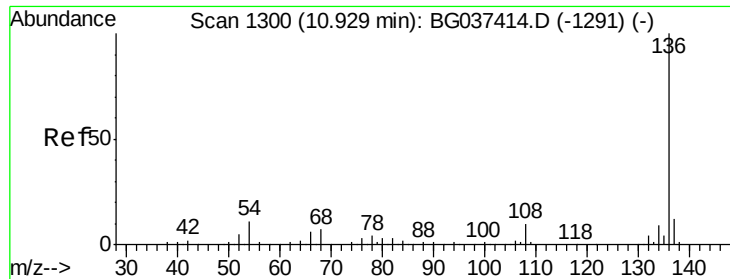
Tot Ion:	70	Resp:	14662
Ion	Ratio	Lower	Upper
70	100		
42	59.7	53.9	80.9
101	8.6	8.2	12.2
130	22.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 4.813 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:	107	Resp:	21959
Ion	Ratio	Lower	Upper
107	100		
108	86.7	69.9	109.9
77	33.2	11.2	51.2
79	26.9	6.6	46.6

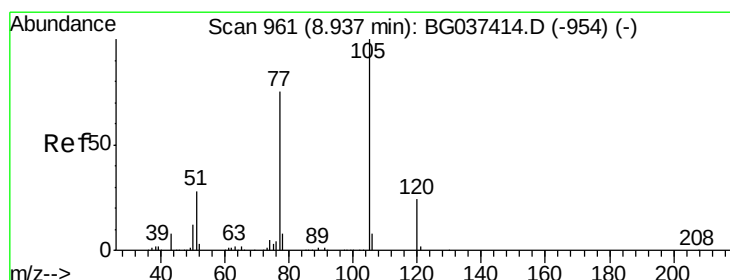
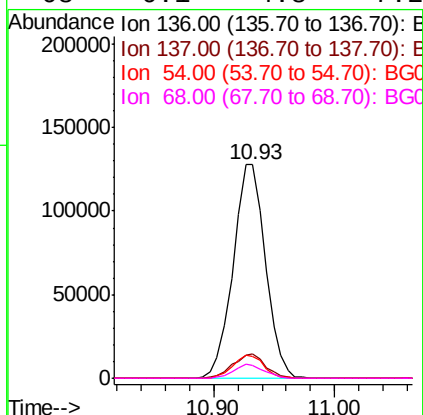
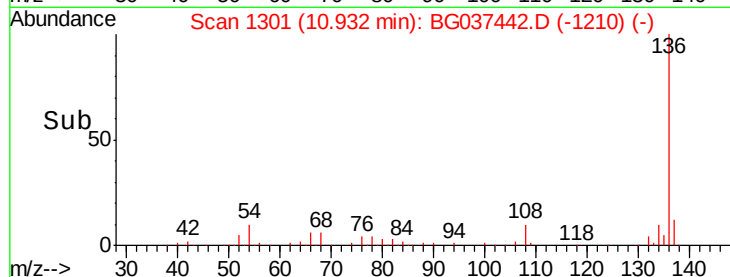
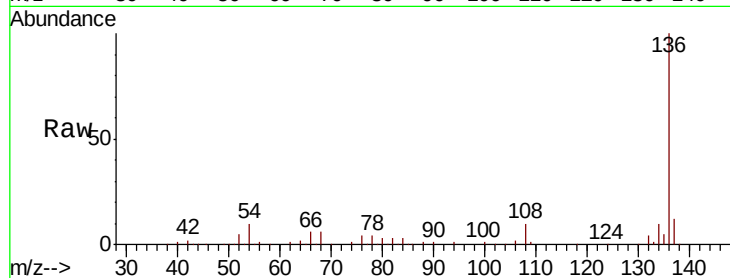




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

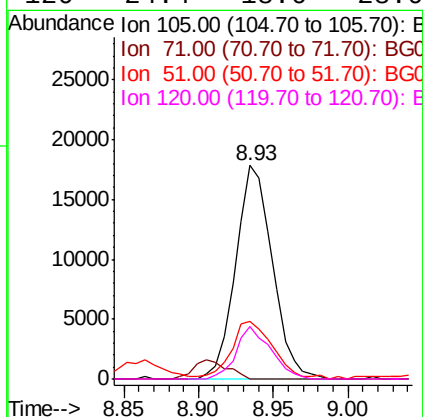
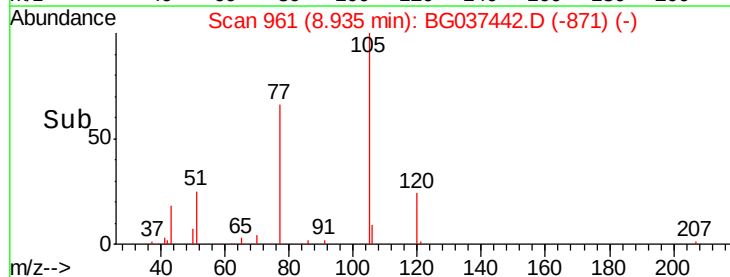
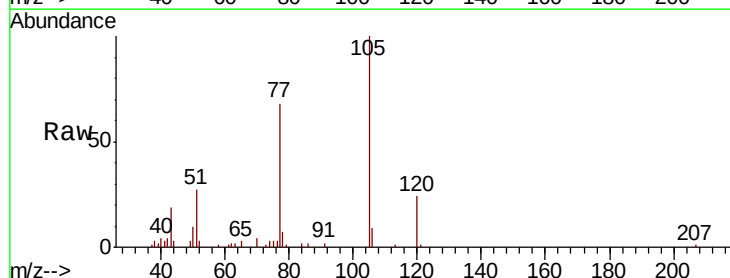
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

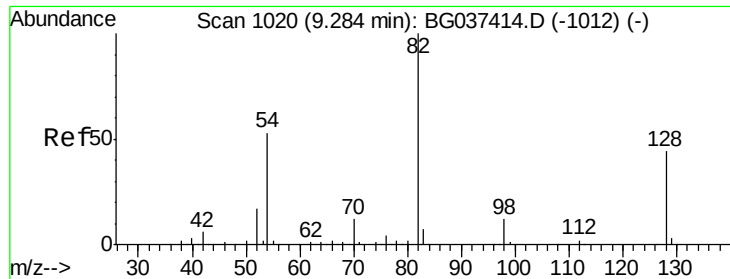
Tot Ion:136	Resp:	238203
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	10.2	7.9 11.9
68	6.1	4.8 7.2



#22
Acetophenone
Concen: 5.098 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:105	Resp:	30453
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.2 1.8#
51	26.9	25.0 37.6
120	24.4	18.6 28.0

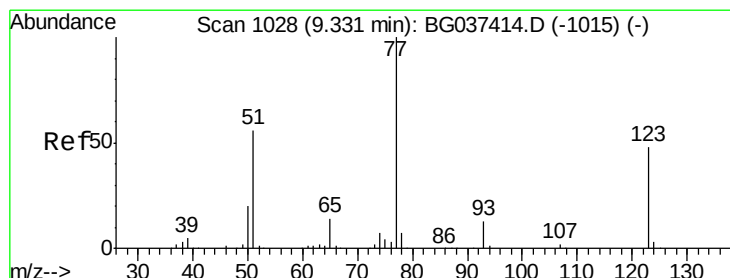
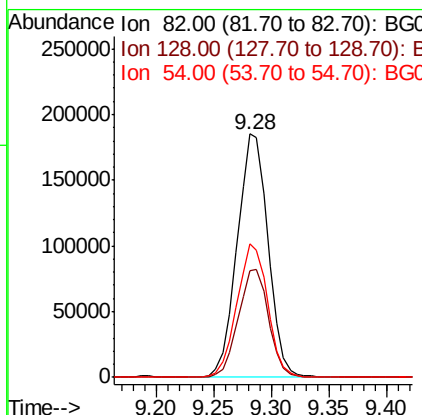
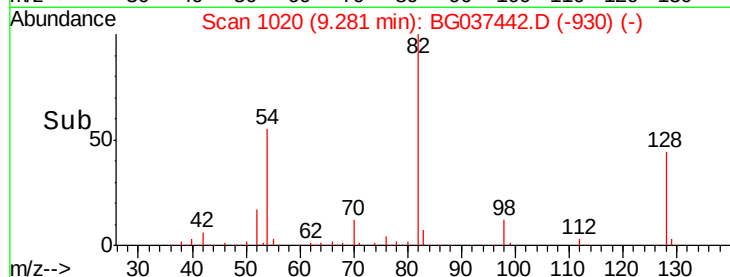
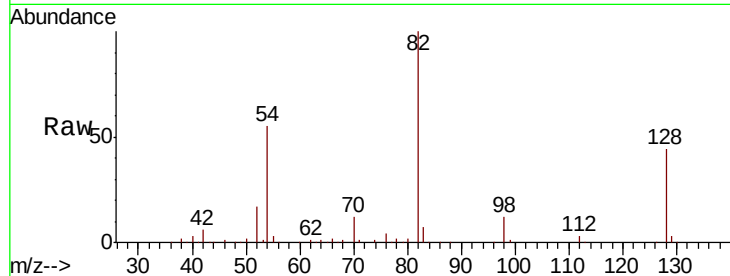




#23
 Nitrobenzene-d5
 Concen: 80.699 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

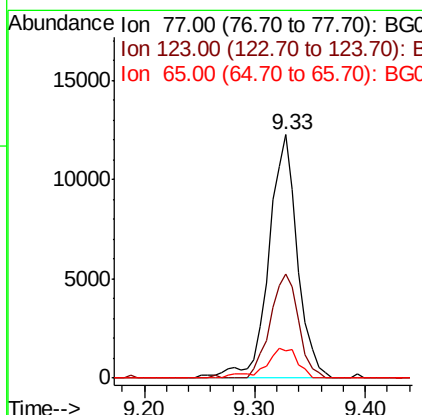
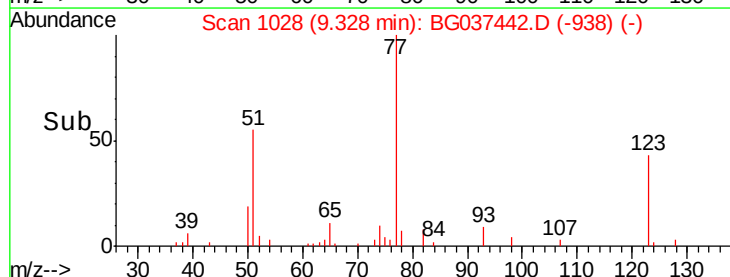
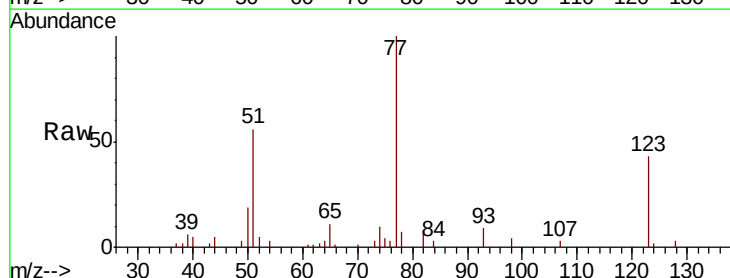
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

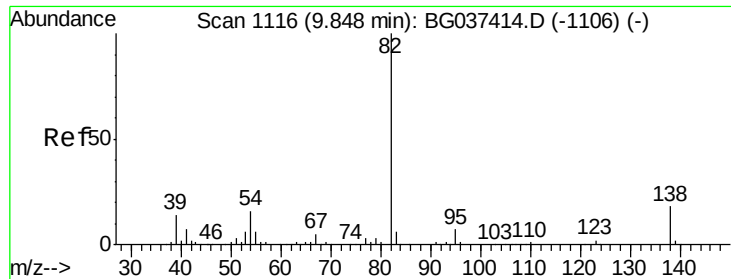
Tot Ion	82	Resp	343149
Ion Ratio	100	Lower	Upper
128	43.7	34.6	51.8
54	54.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 5.005 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	77	Resp	22110
Ion Ratio	100	Lower	Upper
123	42.6	33.6	50.4
65	11.0	11.3	16.9





#25

Isophorone

Concen: 5.305 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

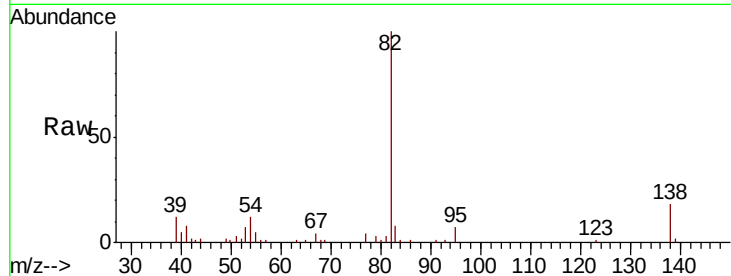
Tot Ion: 82 Resp: 41217

Ion Ratio Lower Upper

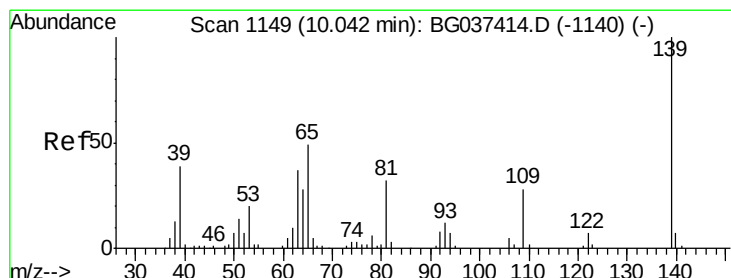
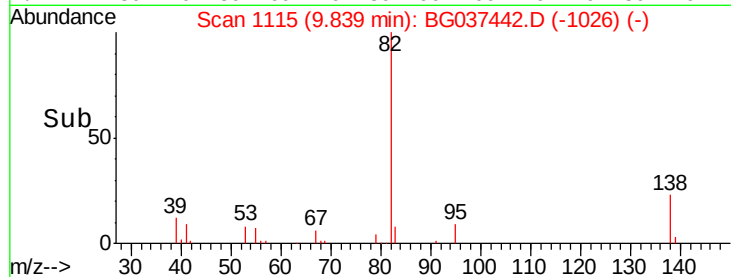
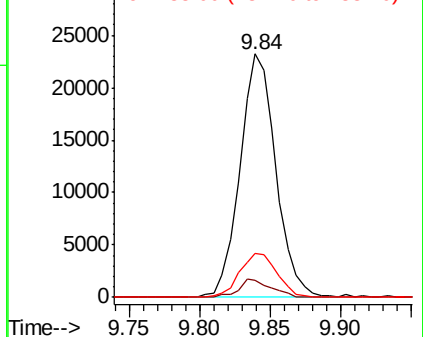
82 100

95 6.9 5.3 7.9

138 18.3 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: 4.460 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

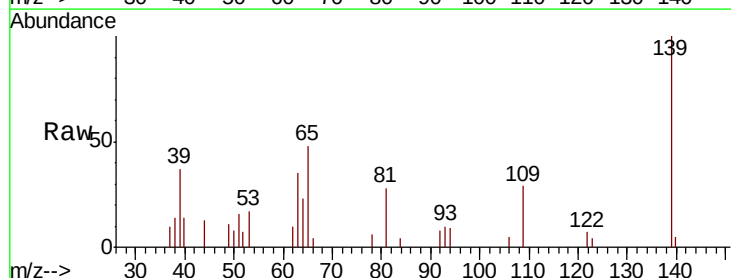
Tgt Ion: 139 Resp: 8875

Ion Ratio Lower Upper

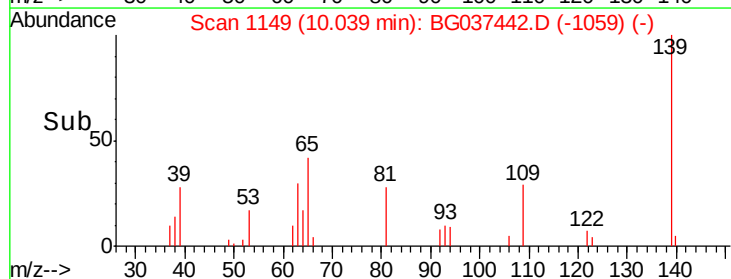
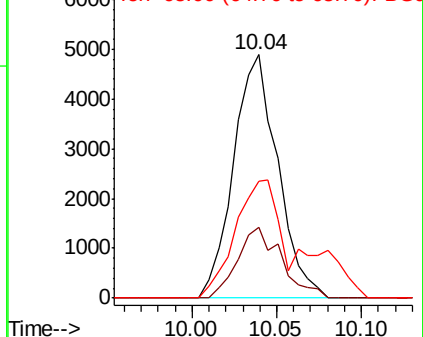
139 100

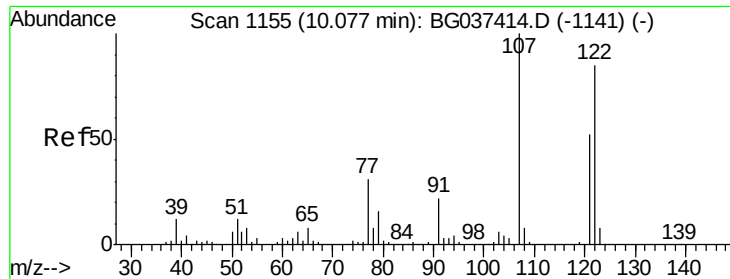
109 29.1 23.3 34.9

65 47.9 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

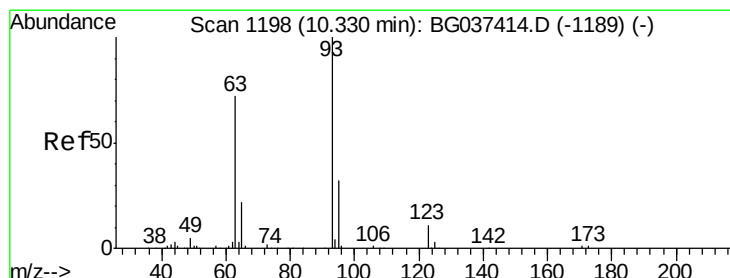
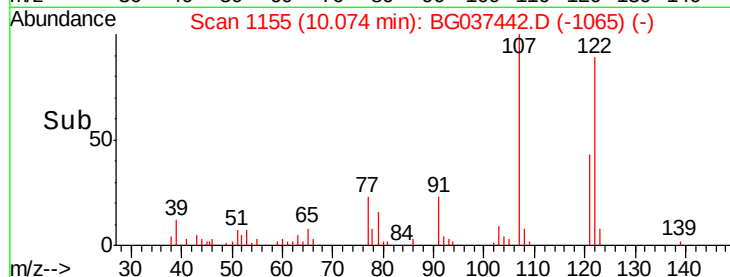
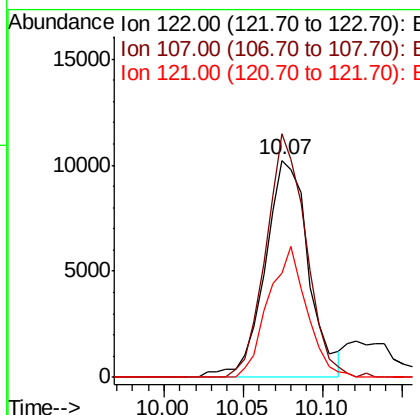
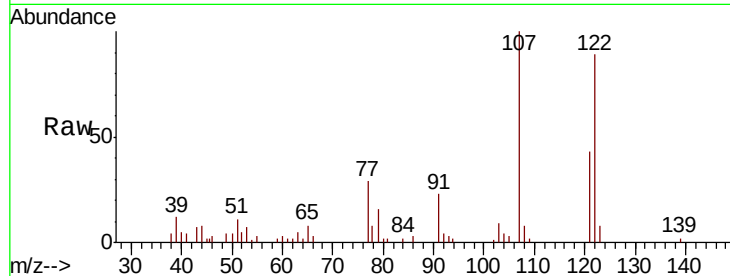




#27
 2,4-Dimethylphenol
 Concen: 5.484 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

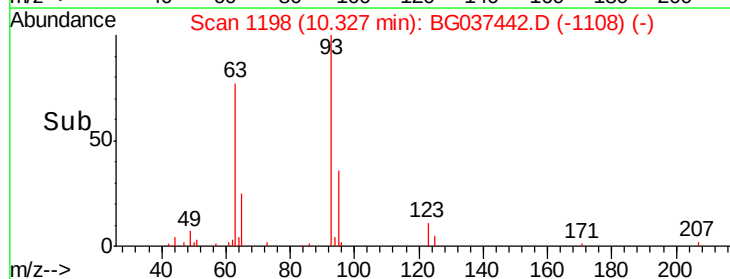
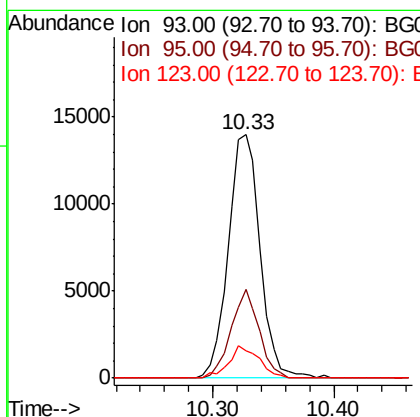
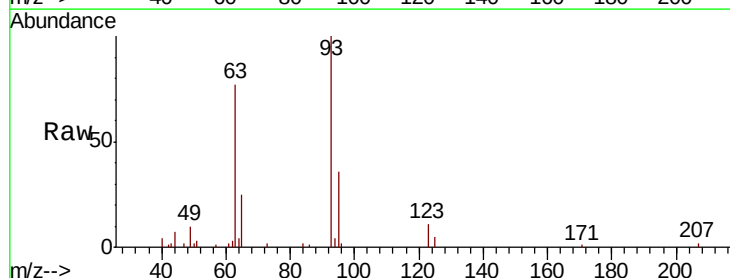
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

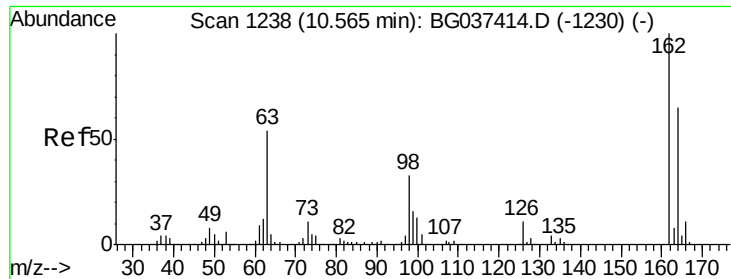
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	94.2	141.2
121	47.7	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.013 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.3	24.6	37.0
123	11.1	9.1	13.7

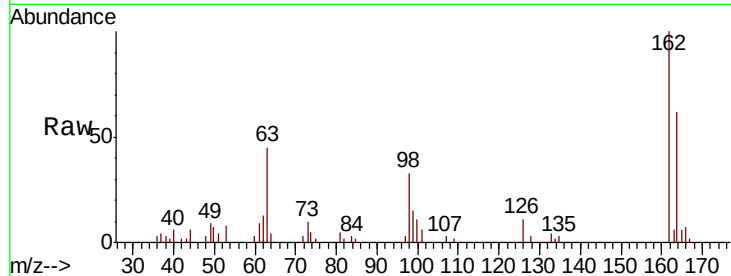




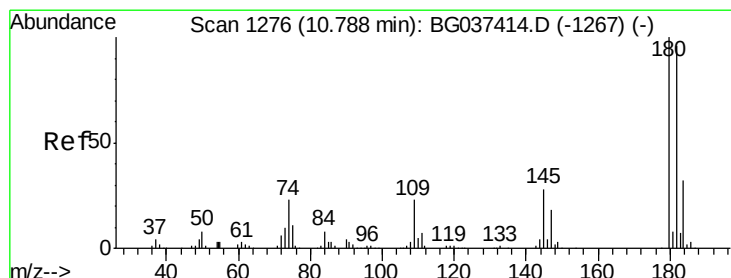
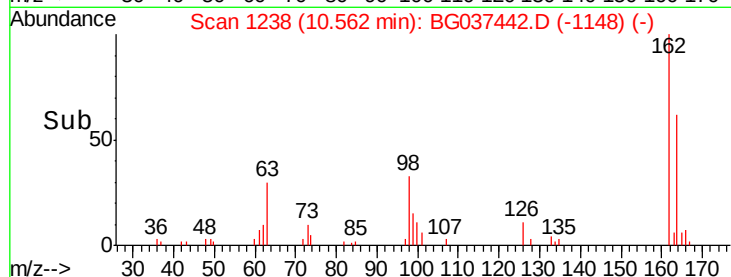
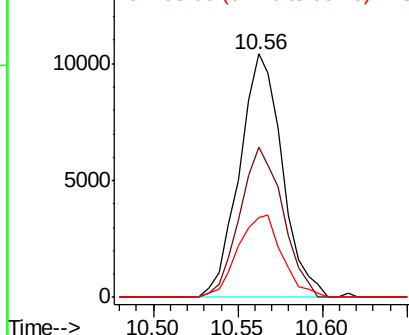
#29
 2,4-Dichlorophenol
 Concen: 4.622 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.2	83.2
98	32.7	16.0	56.0

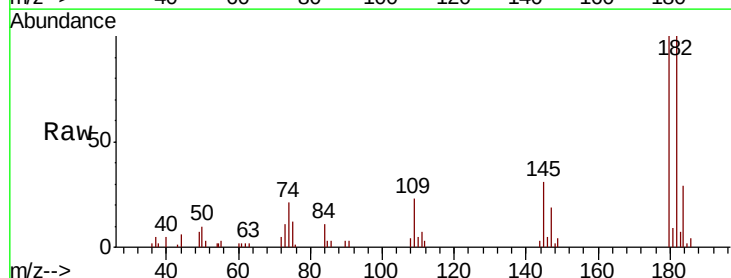


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

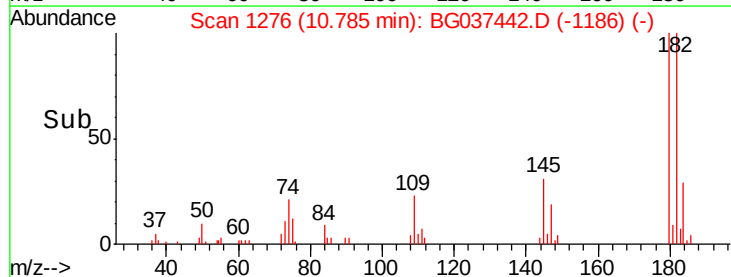
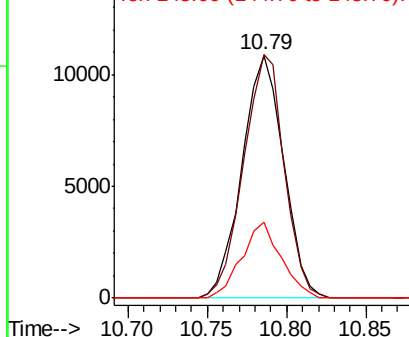


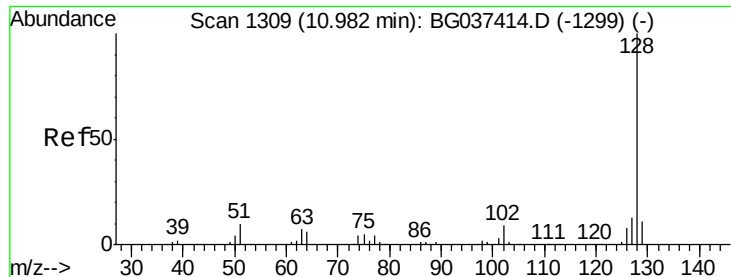
#30
 1,2,4-Trichlorobenzene
 Concen: 4.614 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	77.7	116.5
145	31.1	23.3	34.9



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

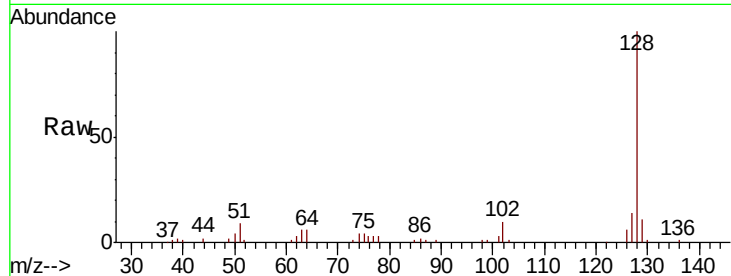




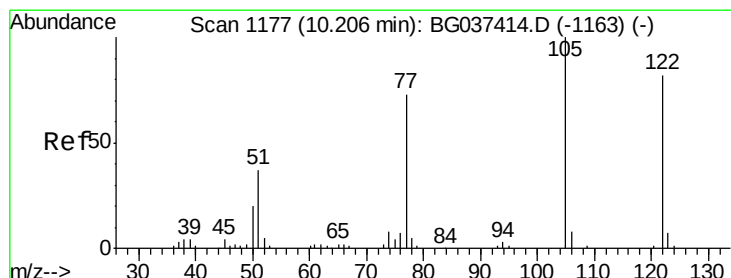
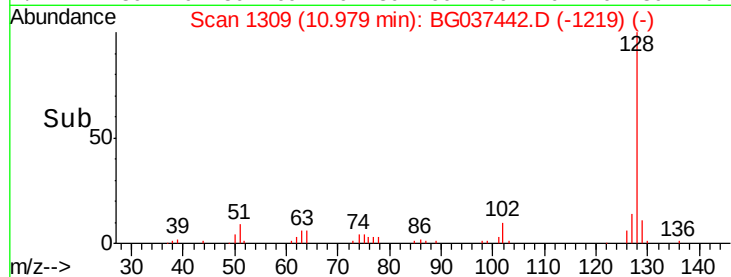
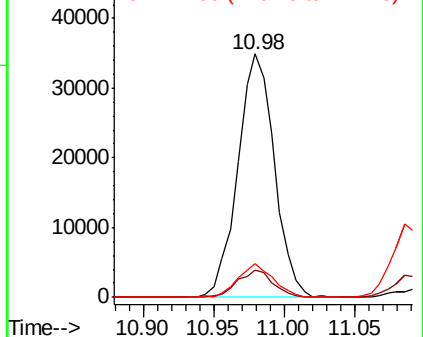
#31
Naphthalene
Concen: 5.396 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

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

Tot Ion:128 Resp: 63134
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.9 11.1 16.7

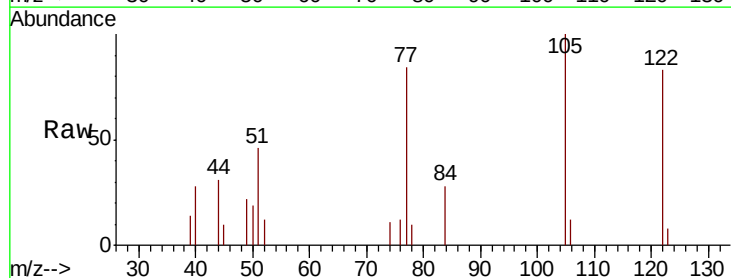


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

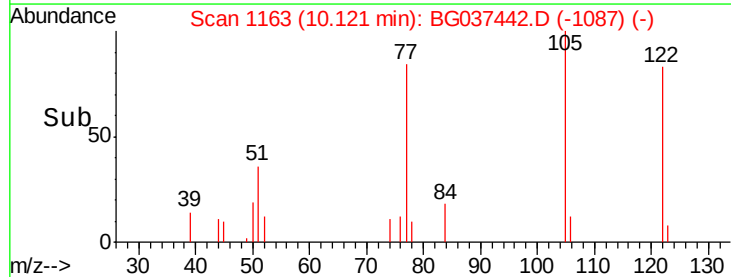
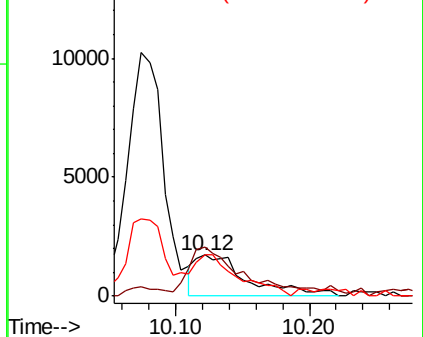


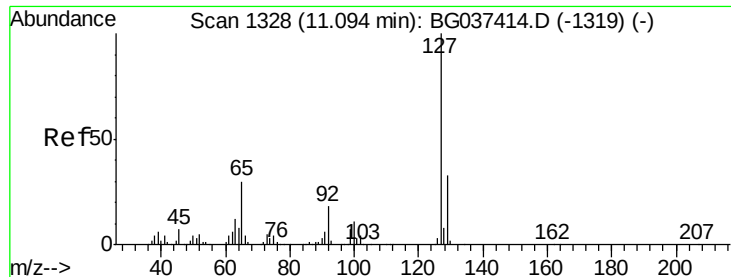
#32
Benzoic acid
Concen: 2.025 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.09 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:122 Resp: 4674
Ion Ratio Lower Upper
122 100
105 120.1 106.7 146.7
77 101.5 72.2 112.2



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

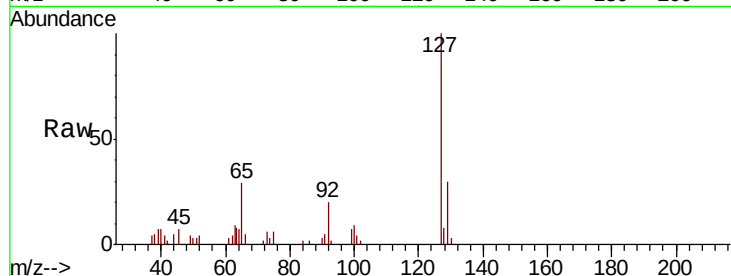




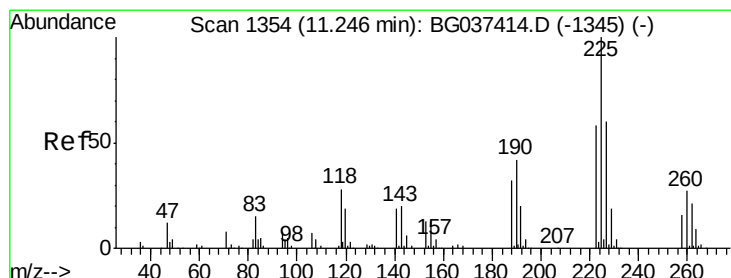
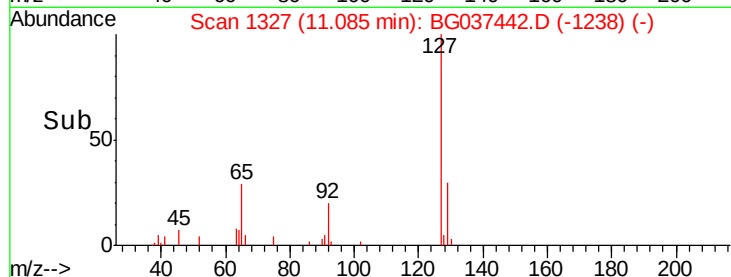
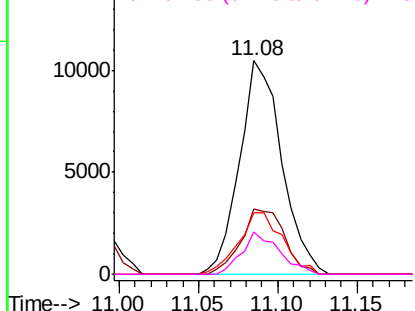
#33
4-Chloroaniline
Concen: 3.517 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

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

Tot Ion:	127	Resp:	19333
Ion	Ratio	Lower	Upper
127	100		
129	30.5	27.1	40.7
65	28.7	26.6	39.8
92	19.6	16.4	24.6

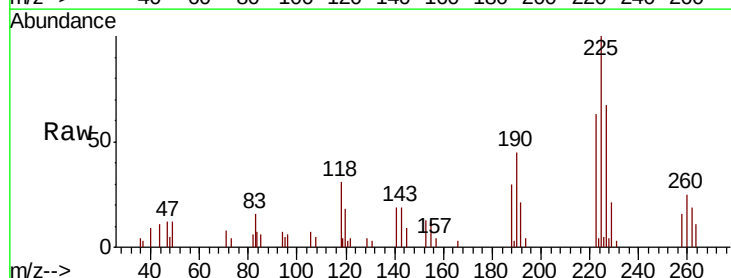


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

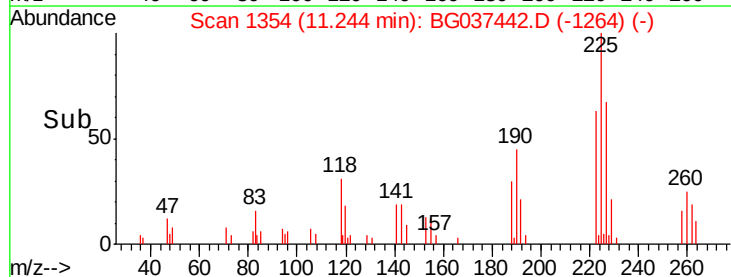
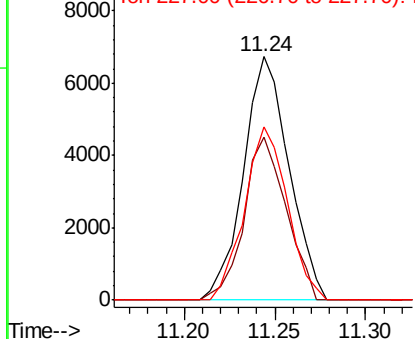


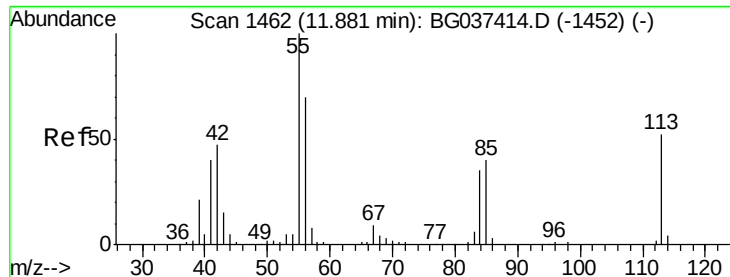
#34
Hexachlorobutadiene
Concen: 4.601 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:	225	Resp:	11732
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.2	72.4
227	68.1	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: 3.848 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

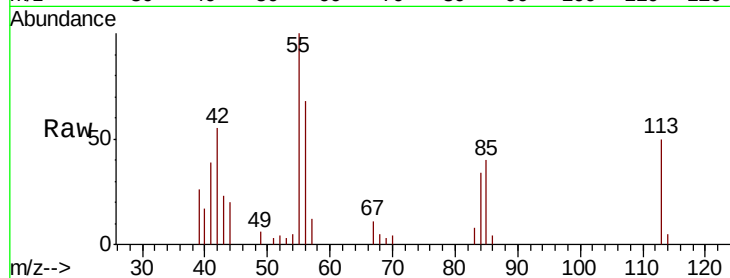
Tot Ion:113 Resp: 6105

Ion Ratio Lower Upper

113 100

55 201.8 176.6 216.6

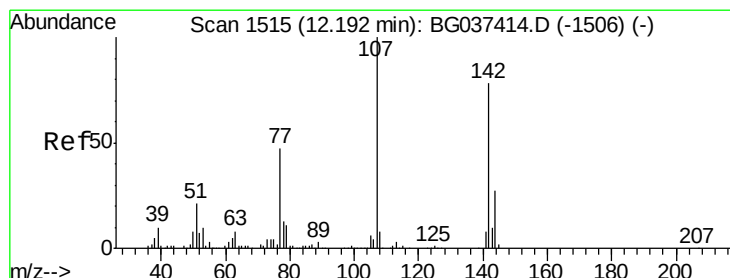
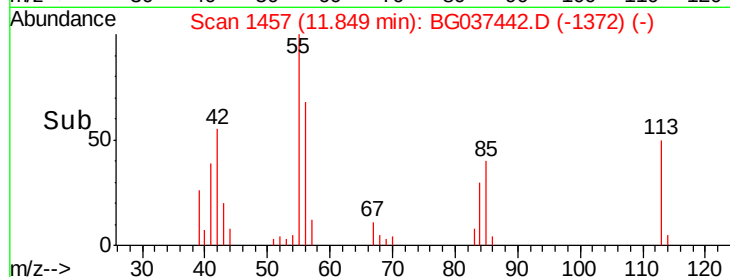
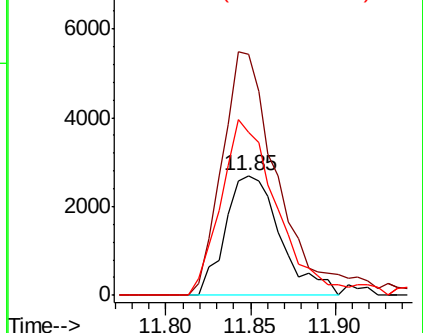
56 136.2 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 4.498 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

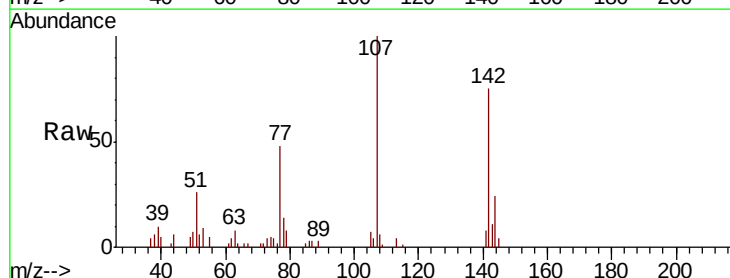
Tgt Ion:107 Resp: 20069

Ion Ratio Lower Upper

107 100

144 23.9 20.7 31.1

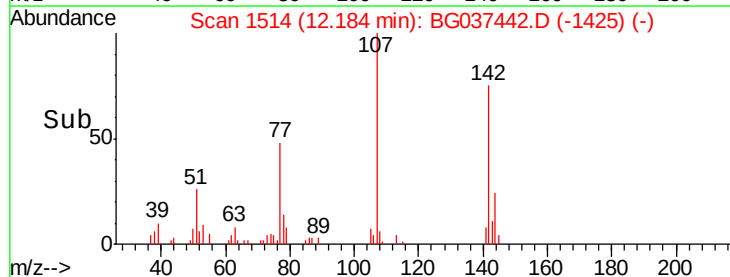
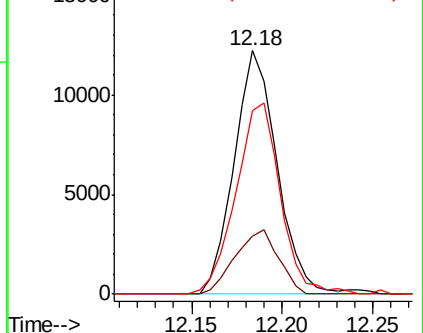
142 75.2 64.4 96.6

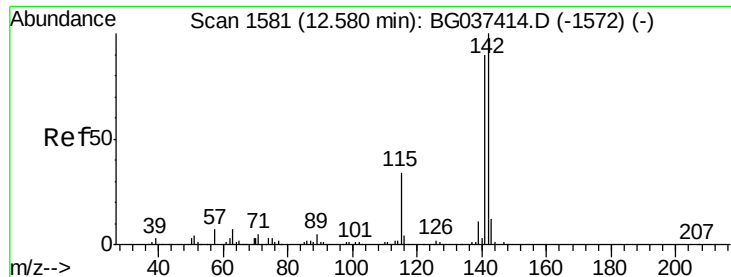


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

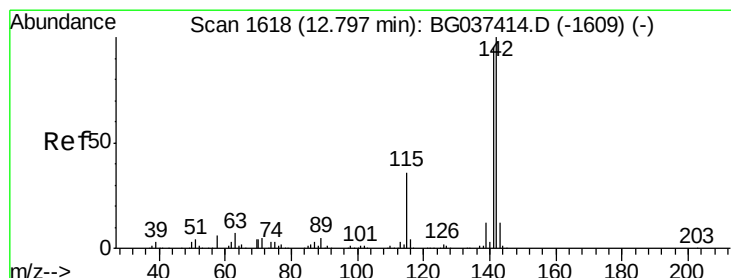
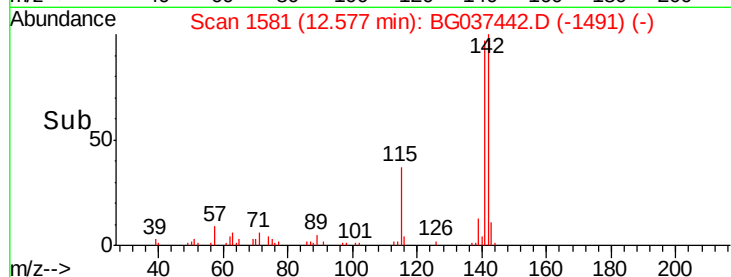
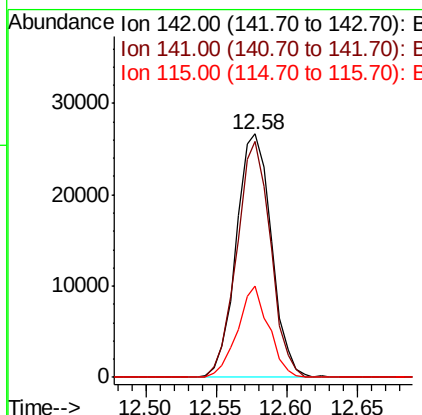
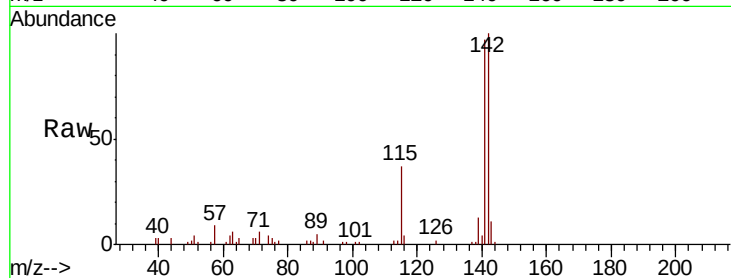




#37
 2-Methylnaphthalene
 Concen: 5.440 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

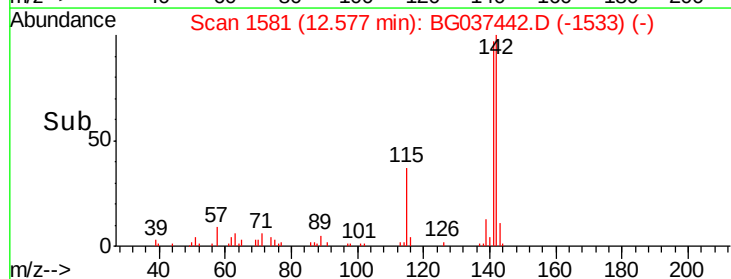
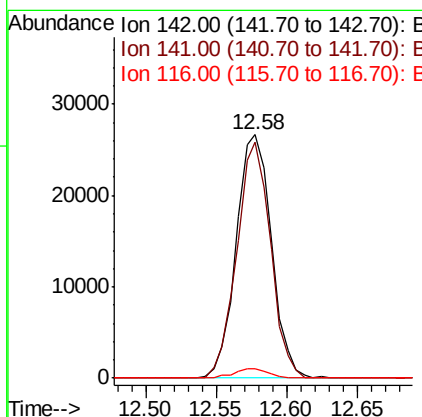
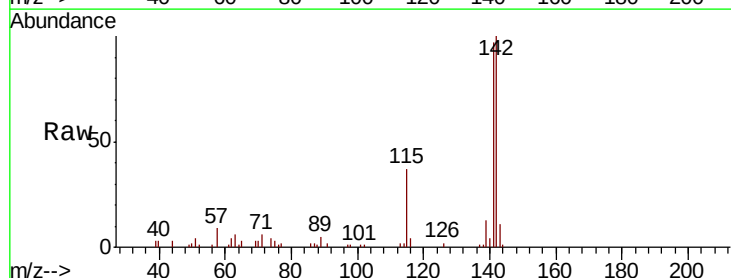
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

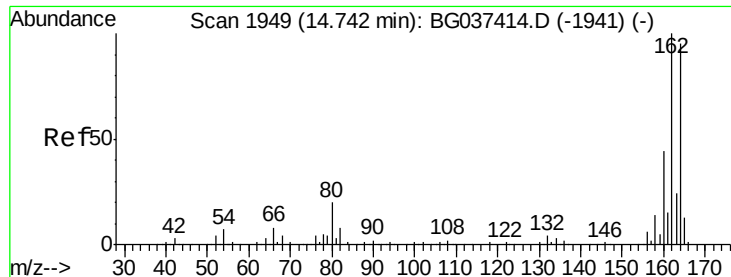
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.9	71.9	107.9
115	37.3	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 5.602 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.22 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	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: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

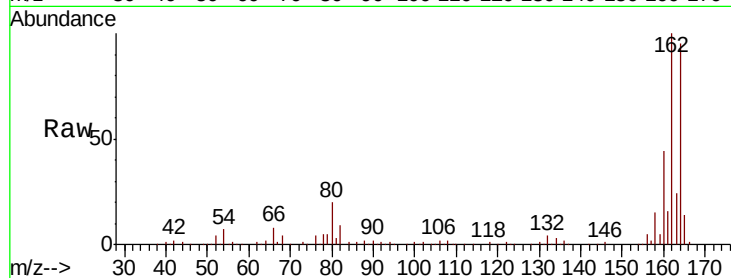
Tot Ion:164 Resp: 162086

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 46.2 36.3 54.5

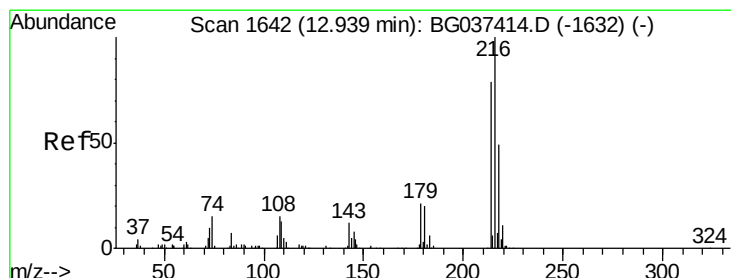
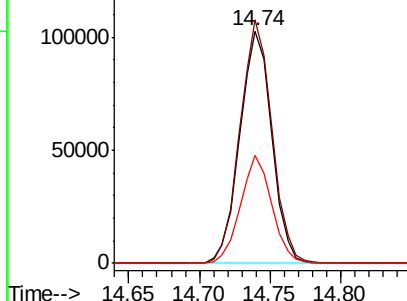
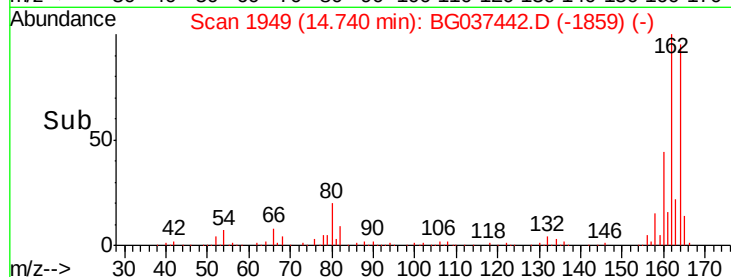


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.649 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Tgt Ion:216 Resp: 24305

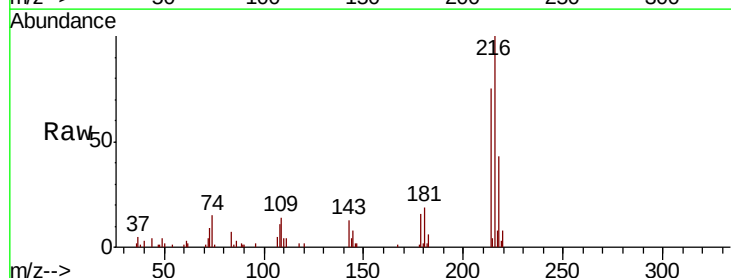
Ion Ratio Lower Upper

216 100

214 81.5 63.8 95.6

179 19.9 17.4 26.0

108 17.3 13.9 20.9



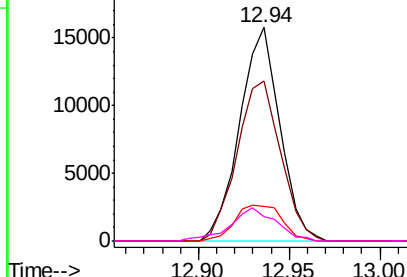
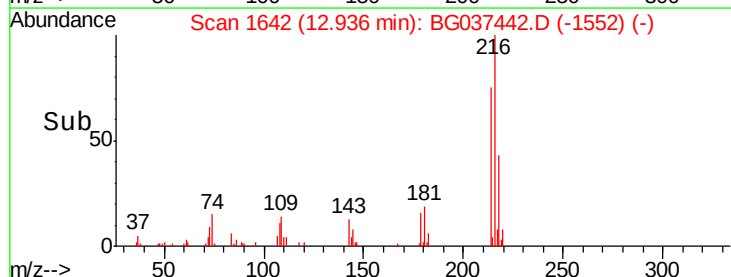
Abundance

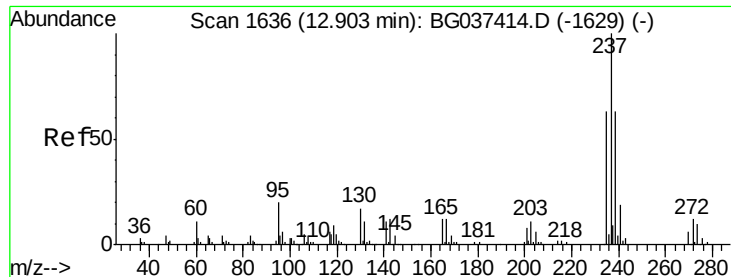
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 4.516 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

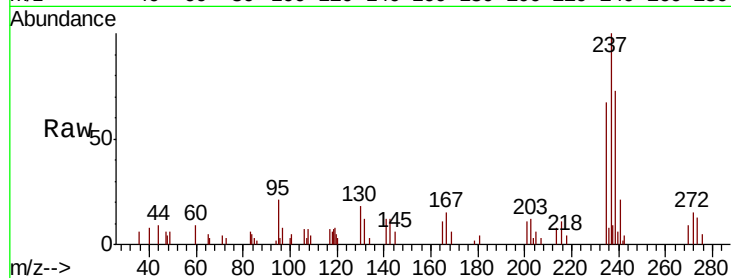
Tot Ion:237 Resp: 11278

Ion Ratio Lower Upper

237 100

235 67.2 42.5 82.5

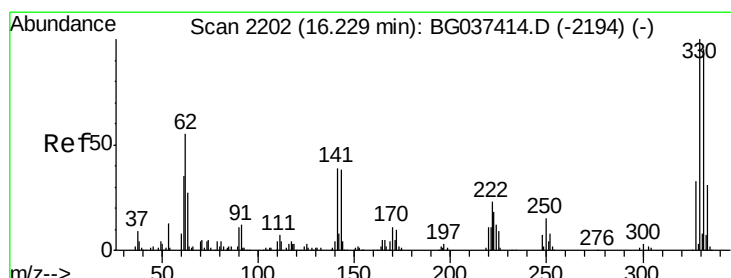
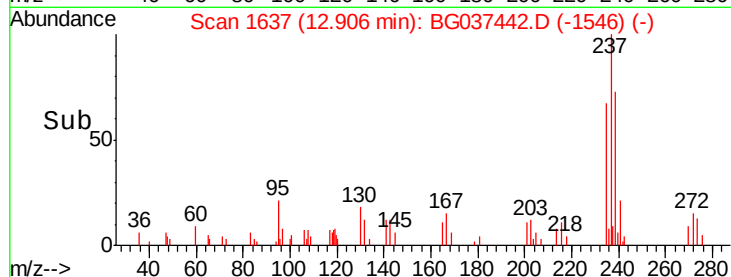
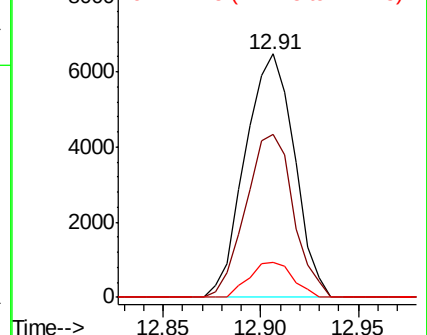
272 14.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.707 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

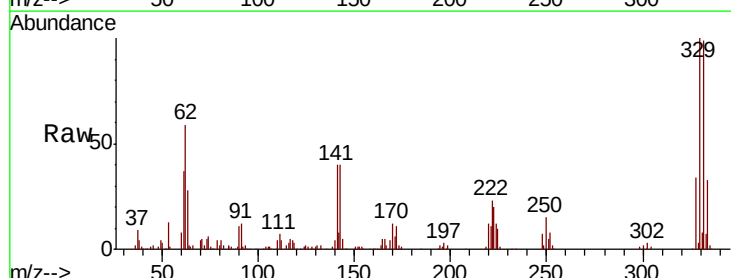
Tgt Ion:330 Resp: 238142

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

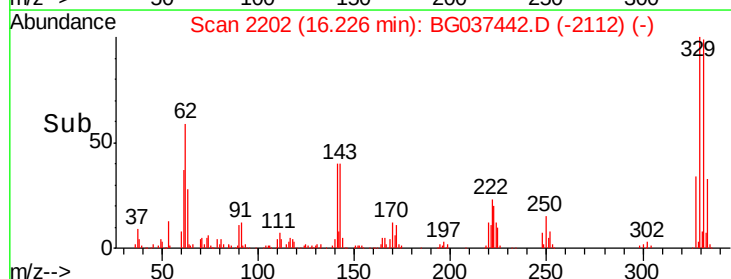
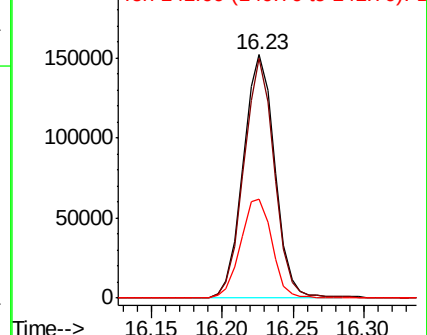
141 40.7 32.2 48.2

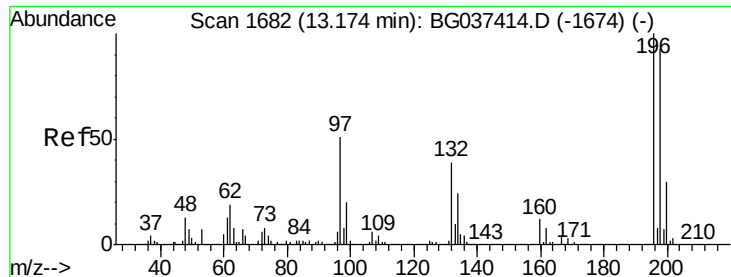


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

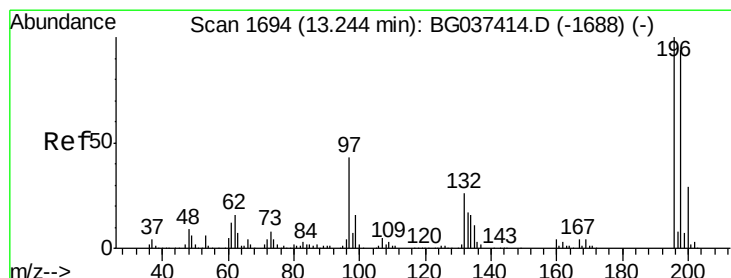
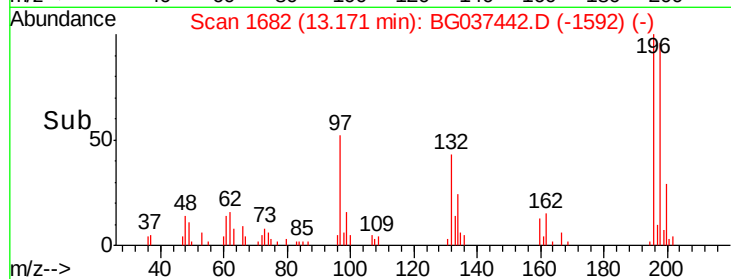
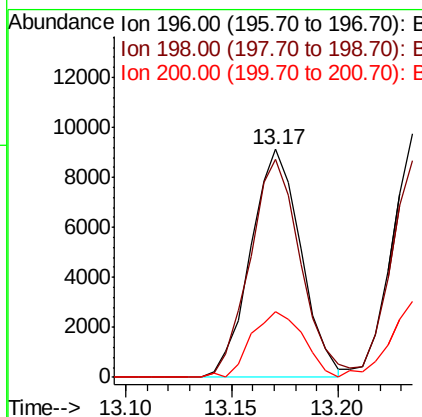
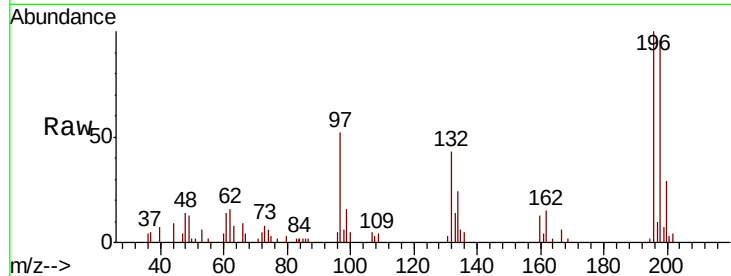




#43
 2,4,6-Trichlorophenol
 Concen: 4.307 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

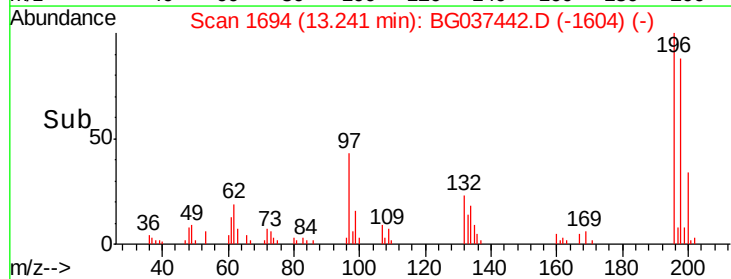
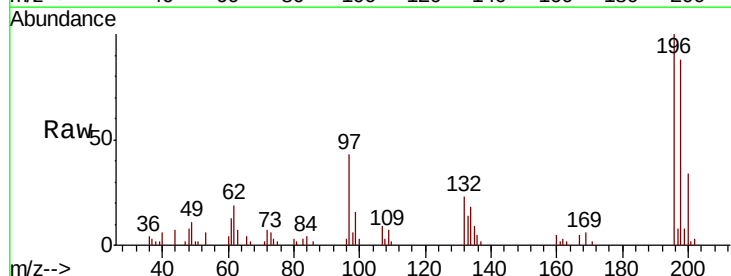
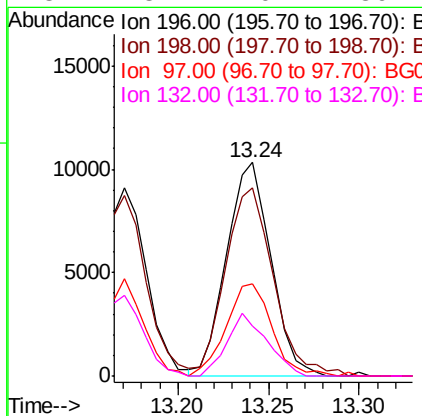
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

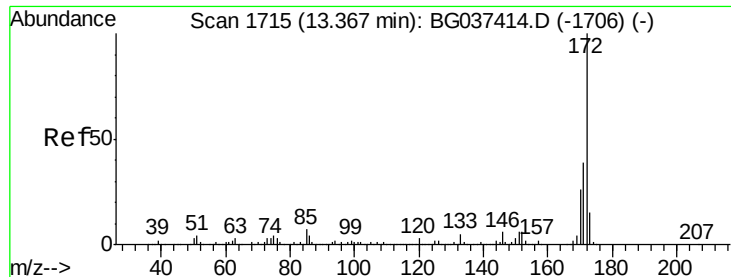
Tot Ion:196 Resp: 15043
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.4 114.6
 200 31.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 4.623 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion:196 Resp: 17581
 Ion Ratio Lower Upper
 196 100
 198 87.8 74.2 111.2
 97 43.1 34.1 51.1
 132 23.4 20.2 30.4

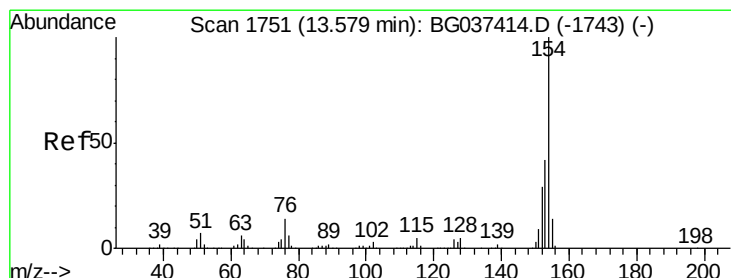
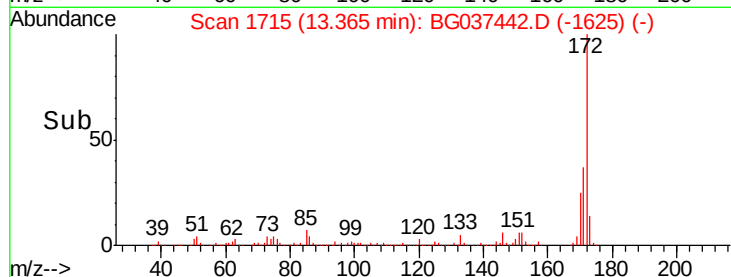
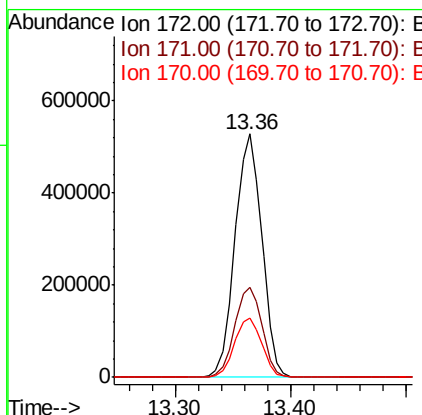
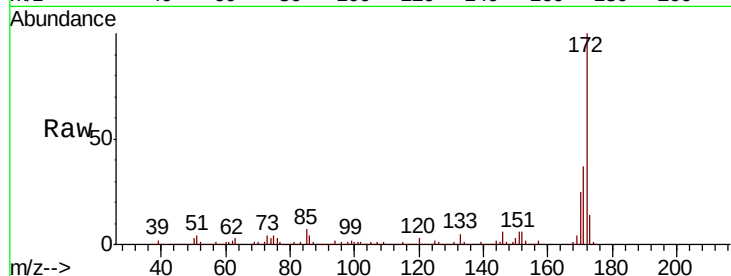




#45
2-Fluorobiphenyl
Concen: 79.192 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

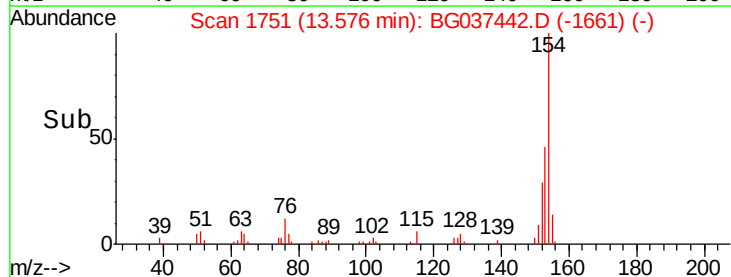
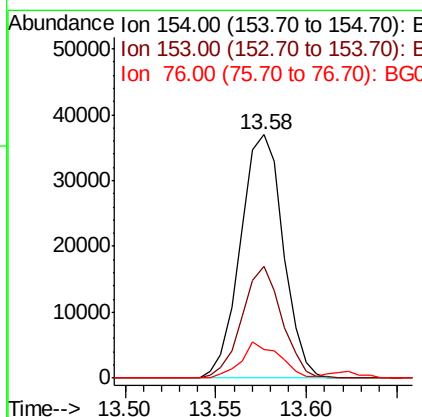
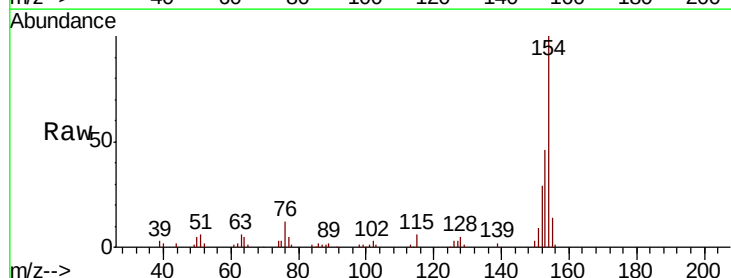
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

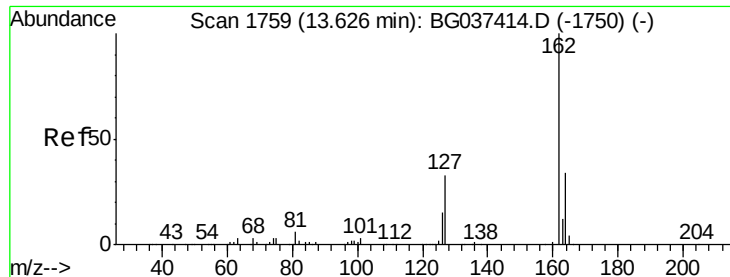
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.6	20.2	30.2



#46
1,1'-Biphenyl
Concen: 4.500 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.1	22.1	62.1
76	12.0	0.0	33.2

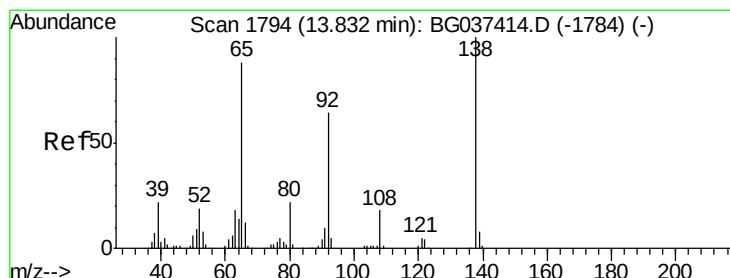
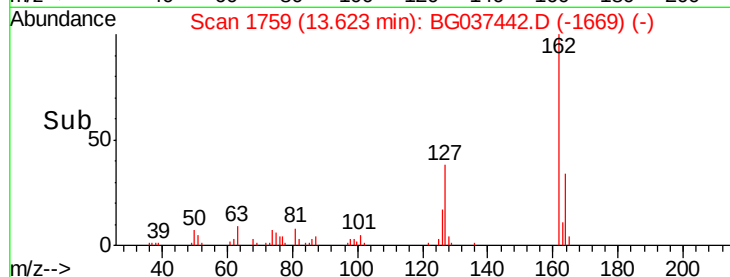
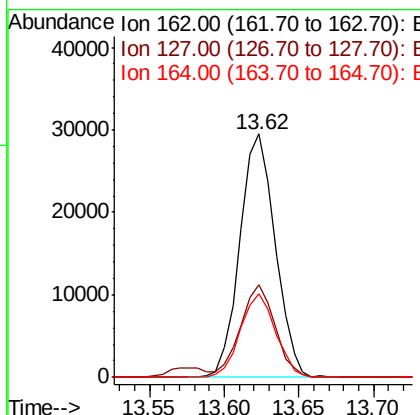
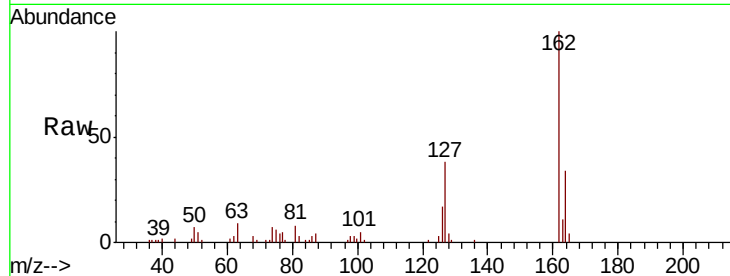




#47
2-Chloronaphthalene
Concen: 4.777 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

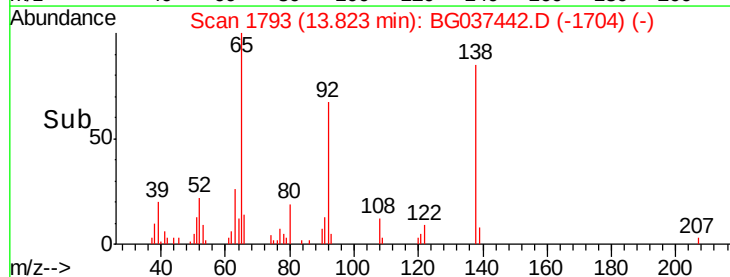
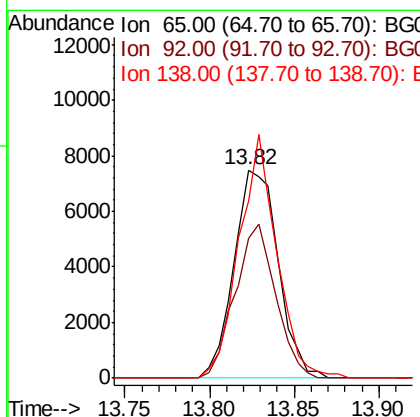
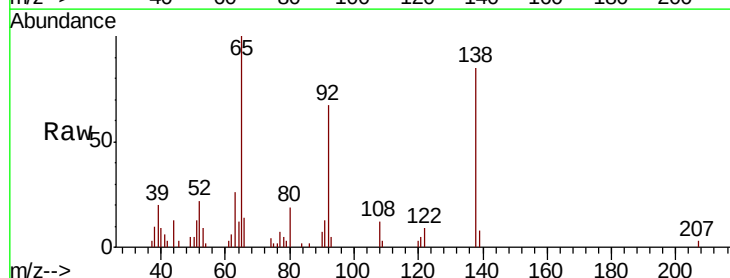
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

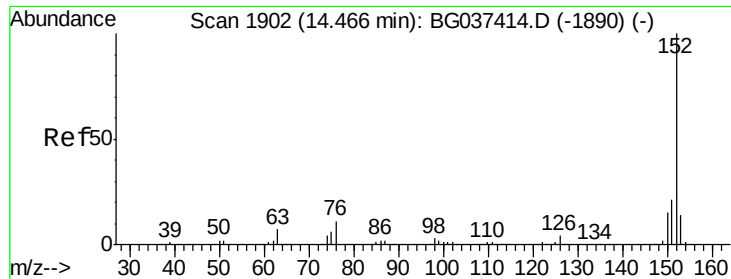
Tot Ion: 162 Resp: 48512
Ion Ratio Lower Upper
162 100
127 38.1 30.5 45.7
164 34.5 26.4 39.6



#48
2-Nitroaniline
Concen: 4.419 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion: 65 Resp: 13610
Ion Ratio Lower Upper
65 100
92 67.4 53.2 79.8
138 85.0 79.3 118.9





#49

Acenaphthylene

Concen: 5.251 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

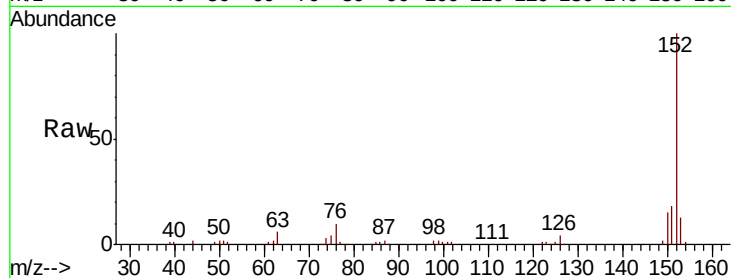
Tot Ion:152 Resp: 80216

Ion Ratio Lower Upper

152 100

151 18.1 17.1 25.7

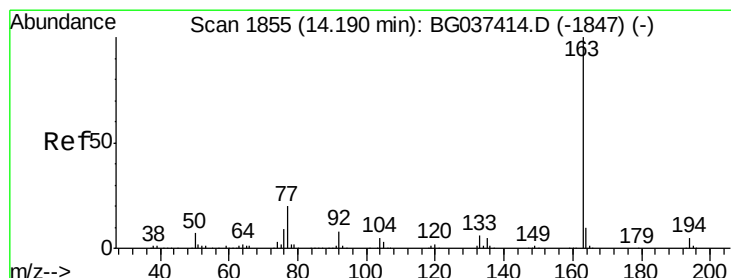
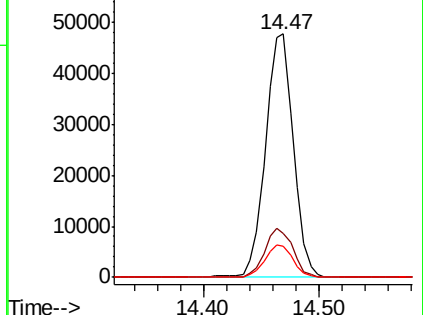
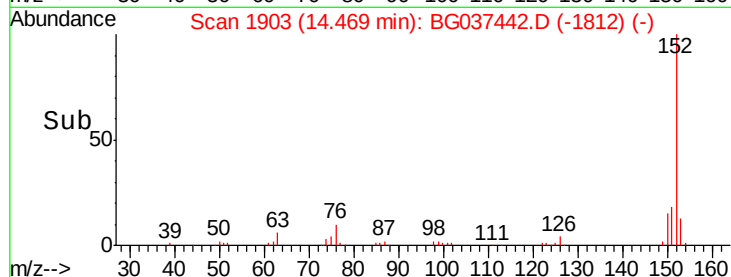
153 12.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.090 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

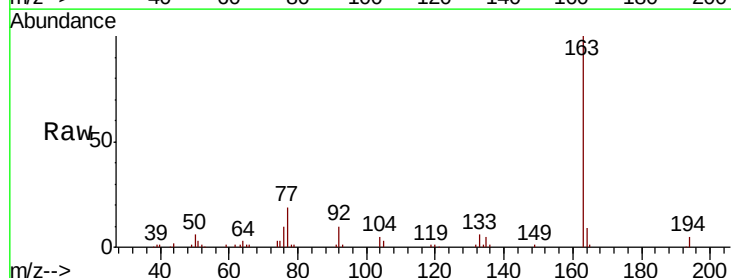
Tgt Ion:163 Resp: 63827

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

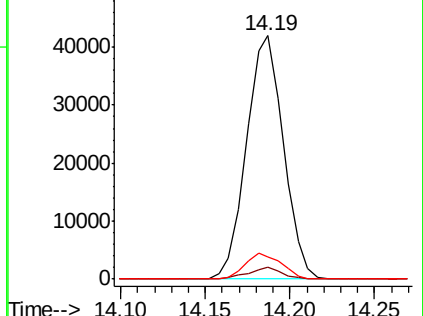
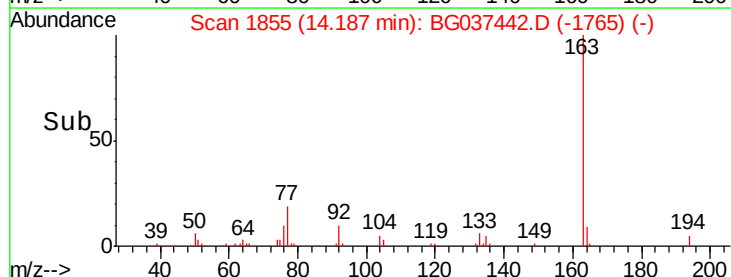
164 9.3 8.5 12.7

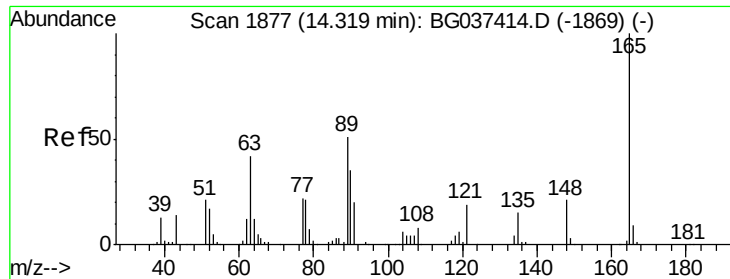


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

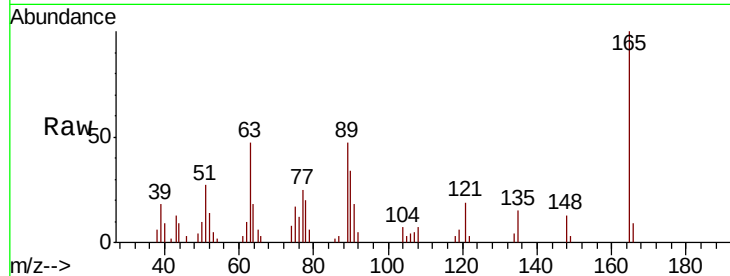




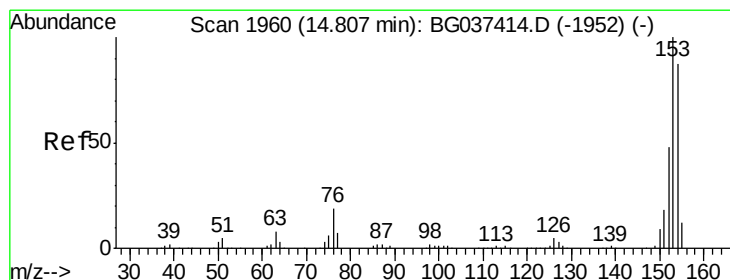
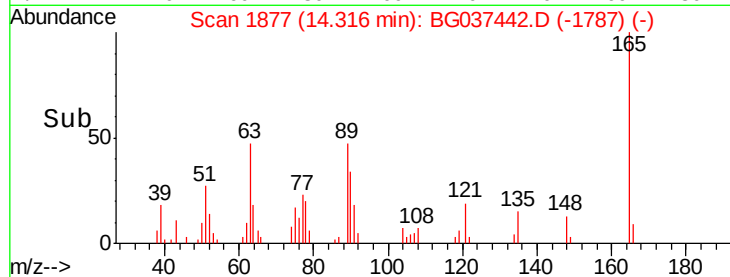
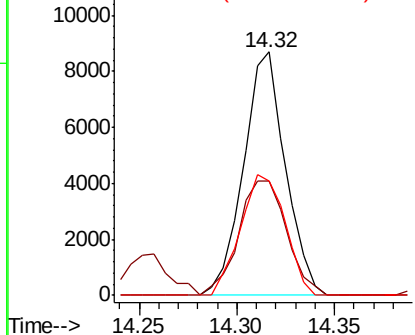
#51
 2,6-Dinitrotoluene
 Concen: 4.646 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	43.4	65.2
89	46.8	45.8	68.6

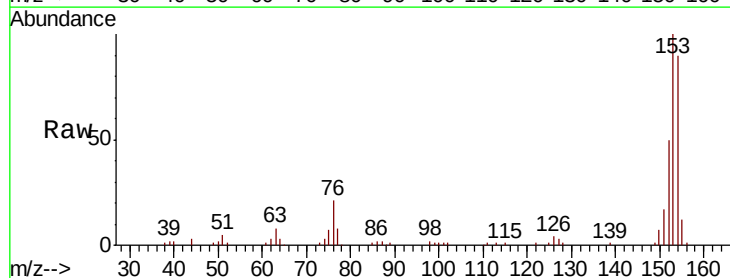


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

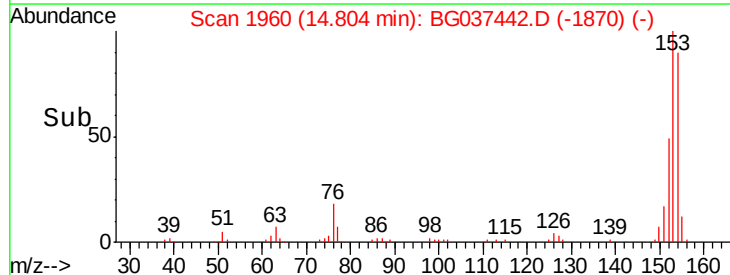
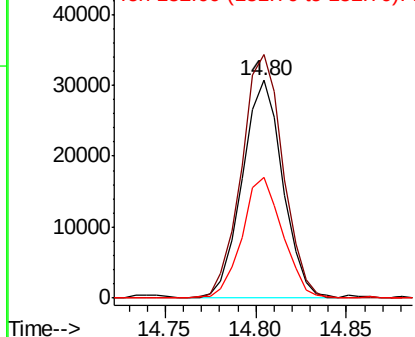


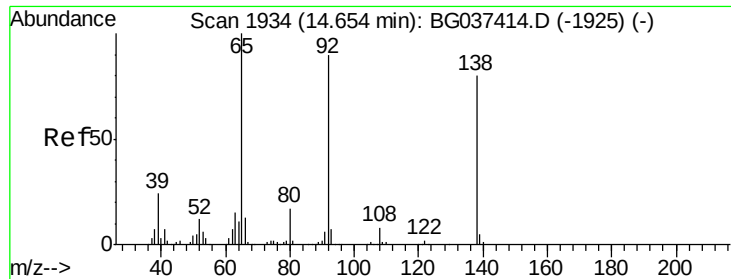
#52
 Acenaphthene
 Concen: 5.061 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	93.4	140.0
152	55.7	44.7	67.1



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

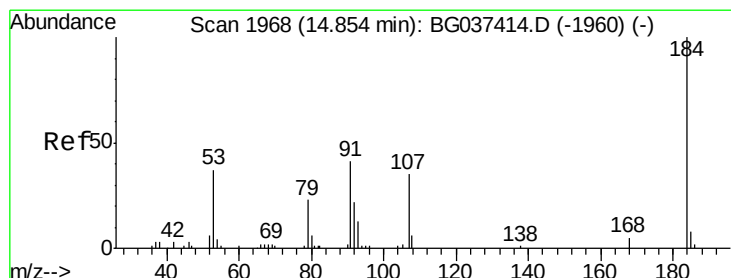
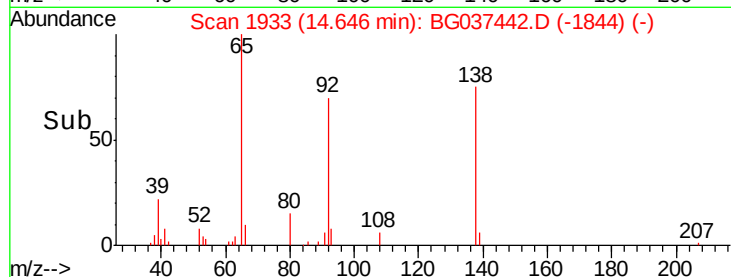
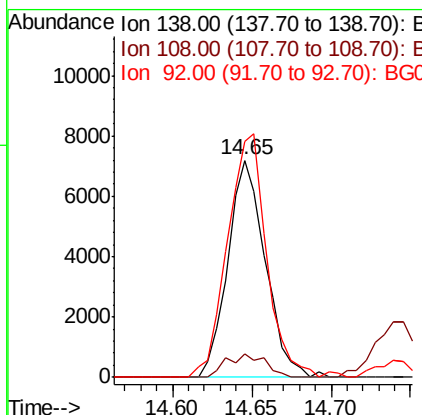
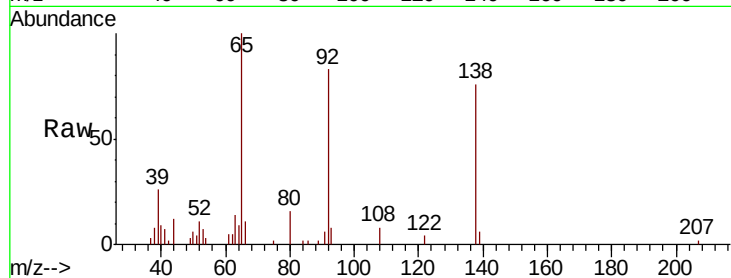




#53
3-Nitroaniline
Concen: 3.830 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

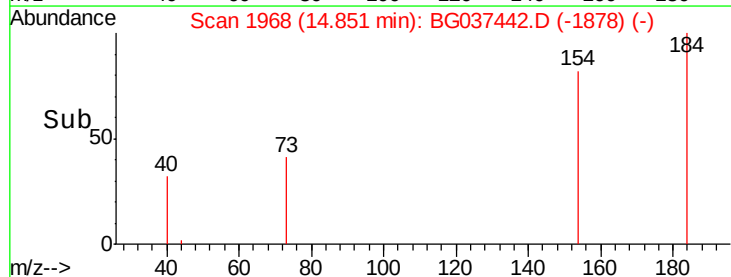
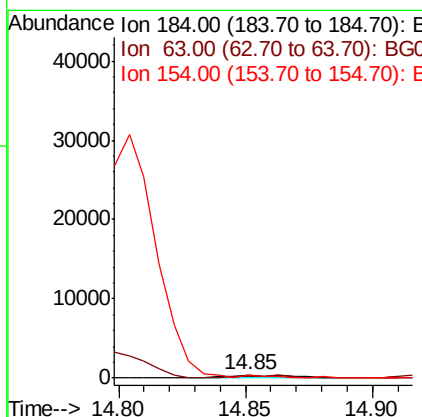
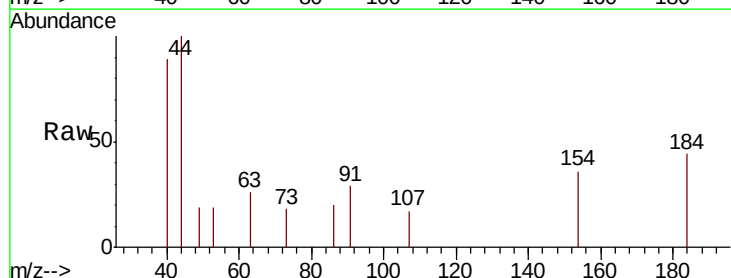
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

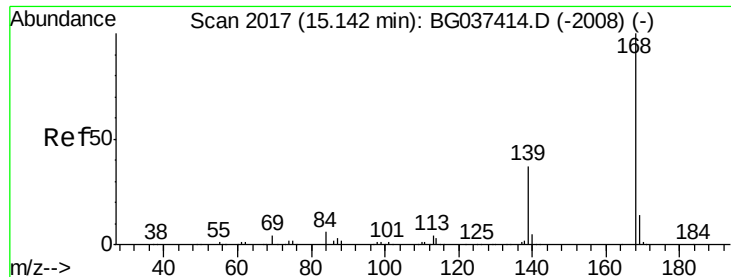
Tot Ion:138 Resp: 11795
Ion Ratio Lower Upper
138 100
108 11.1 11.0 16.6
92 108.8 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 7.145 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:184 Resp: 658
Ion Ratio Lower Upper
184 100
63 58.5 42.6 63.8
154 81.5 41.8 62.6#

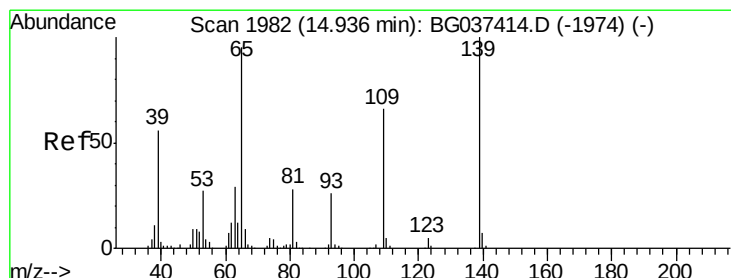
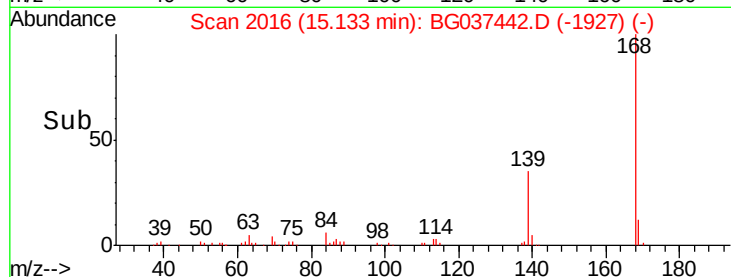
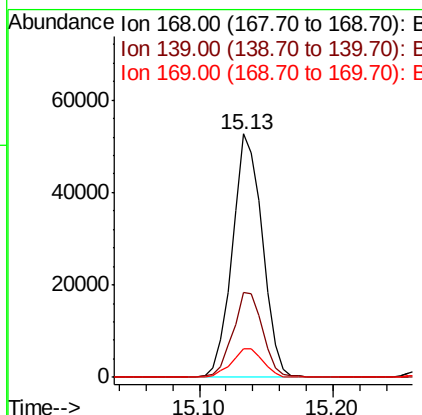
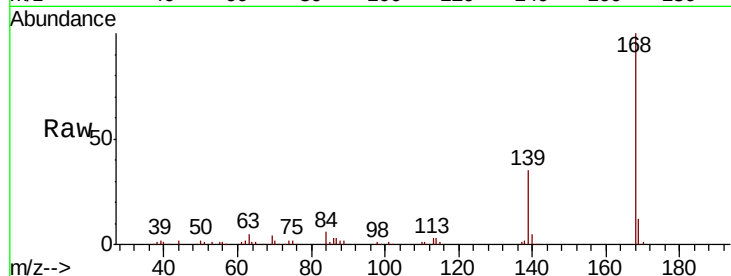




#55
Dibenzenofuran
Concen: 5.263 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

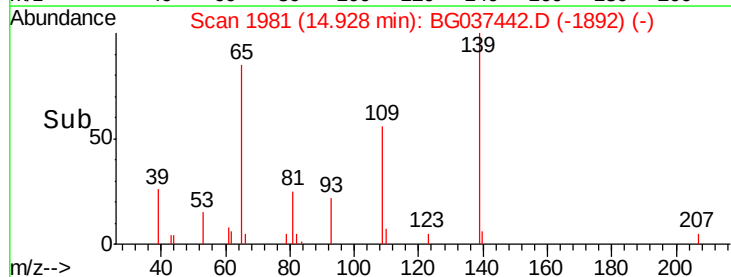
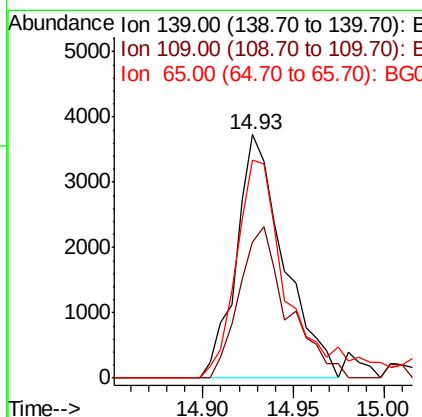
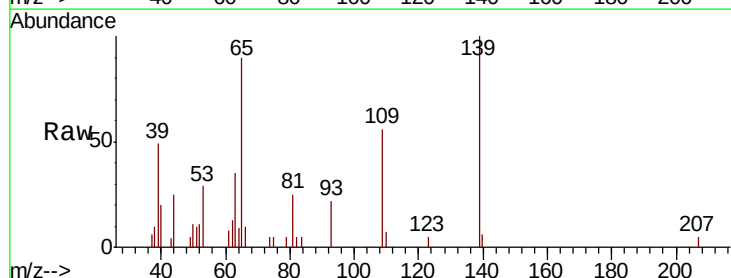
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

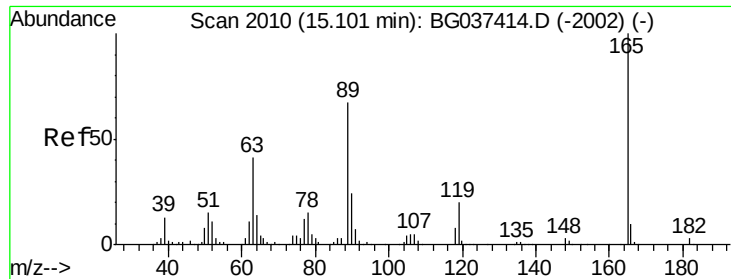
Tot Ion:168 Resp: 82033
Ion Ratio Lower Upper
168 100
139 35.1 29.4 44.0
169 11.8 11.0 16.6



#56
4-Nitrophenol
Concen: 2.980 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:139 Resp: 6793
Ion Ratio Lower Upper
139 100
109 55.9 49.5 89.5
65 89.7 76.8 116.8

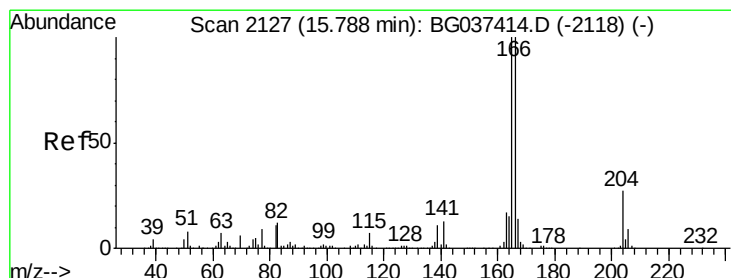
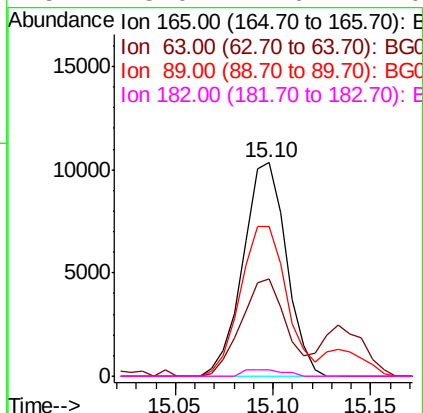
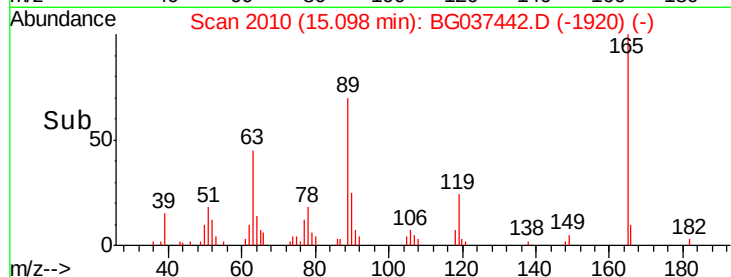
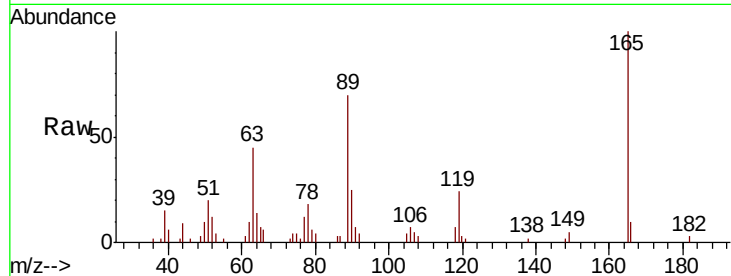




#57
2,4-Dinitrotoluene
Concen: 4.370 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

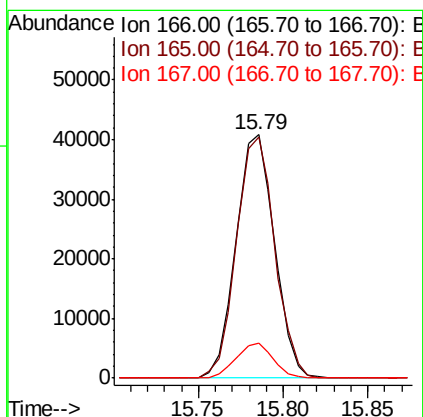
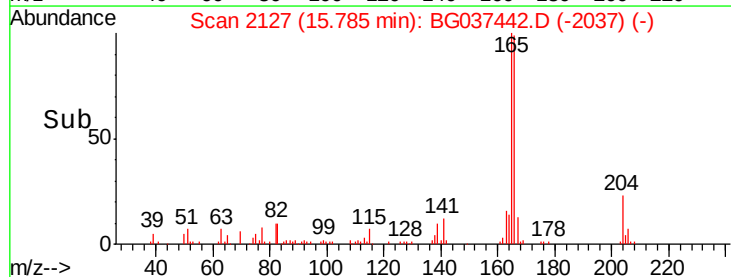
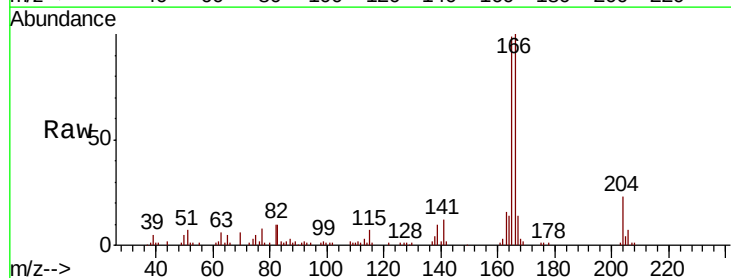
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

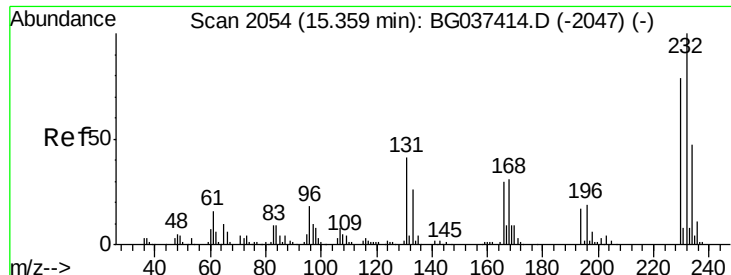
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	33.4	50.0
89	70.2	57.2	85.8
182	3.0	2.6	4.0



#58
Fluorene
Concen: 5.529 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.6
167	14.2	11.3	16.9

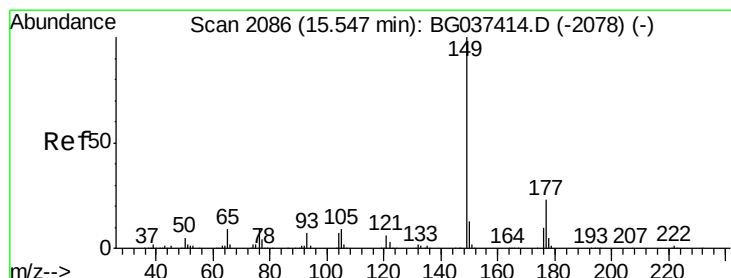
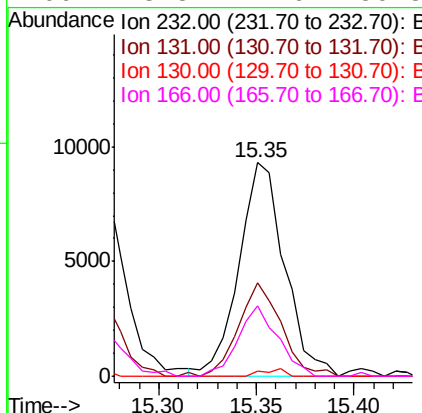
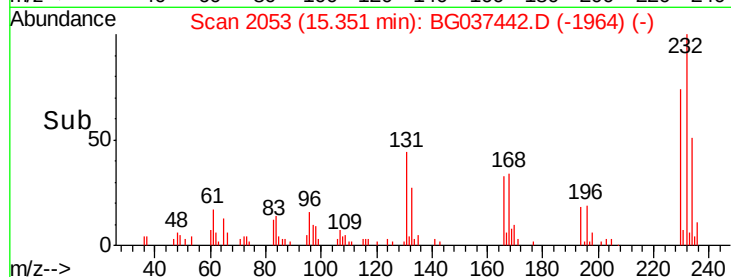
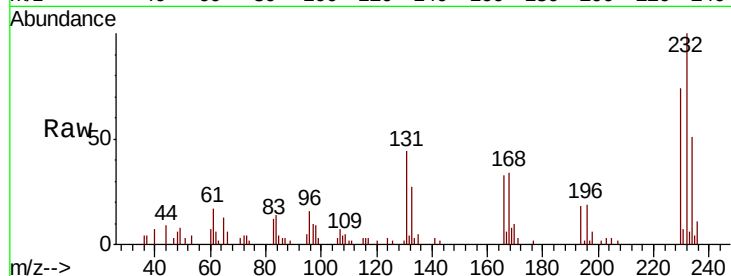




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.623 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

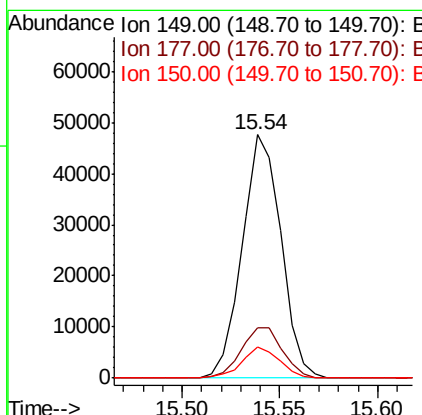
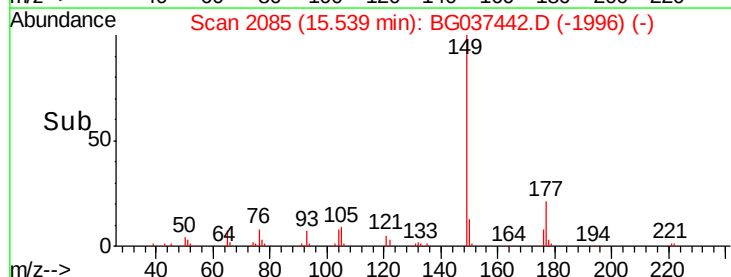
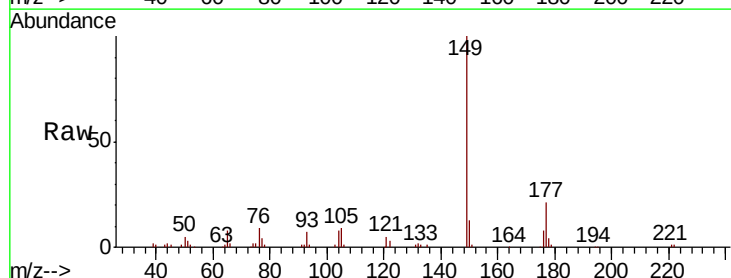
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

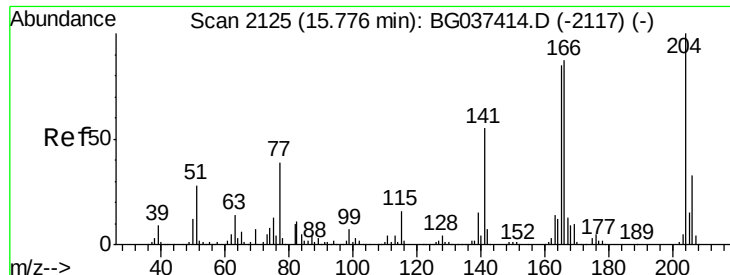
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.7	50.5
130	1.7	2.1	3.1
166	28.8	24.6	36.8



#60
 Diethylphthalate
 Concen: 5.078 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	18.3	27.5
150	12.8	10.0	15.0

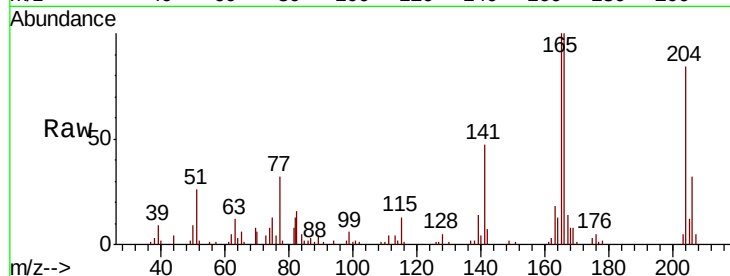




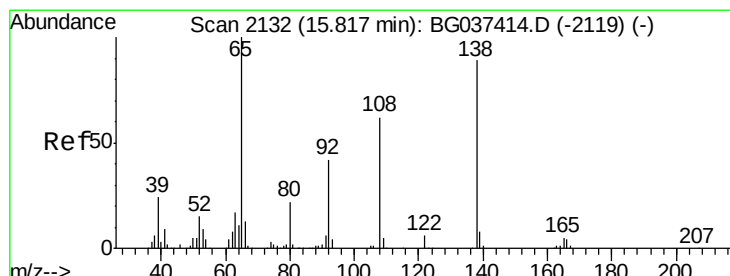
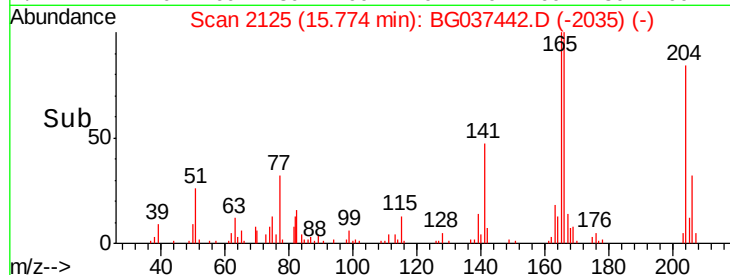
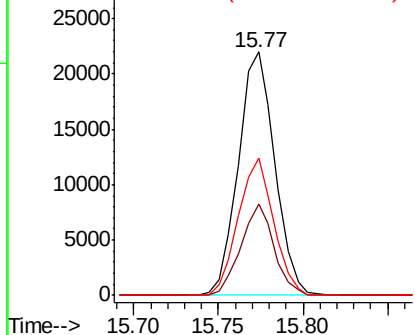
#61
 4-Chlorophenyl-phenylether
 Concen: 4.849 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

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

Tot Ion:204 Resp: 32989
 Ion Ratio Lower Upper
 204 100
 206 37.7 26.6 39.8
 141 56.3 45.4 68.2

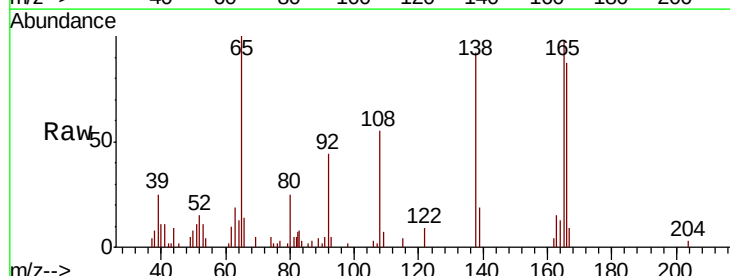


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

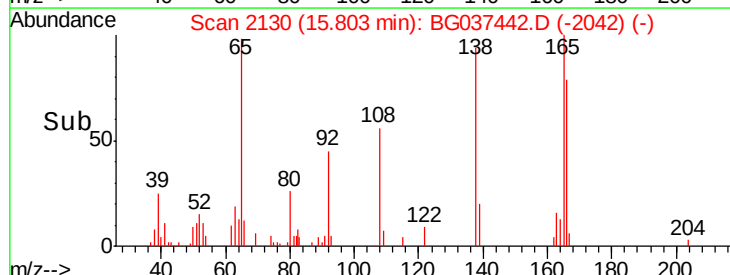
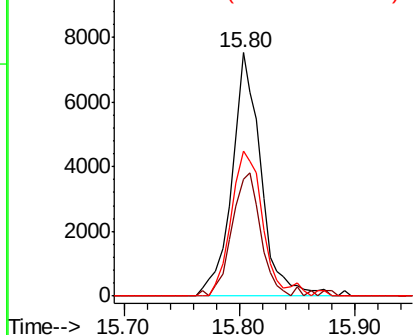


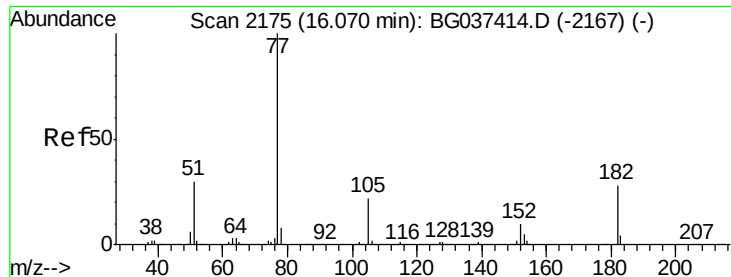
#62
 4-Nitroaniline
 Concen: 4.263 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion:138 Resp: 13045
 Ion Ratio Lower Upper
 138 100
 92 48.1 36.4 76.4
 108 59.6 60.1 100.1#



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





#63

Azobenzene

Concen: 5.279 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion: 77 Resp: 64843

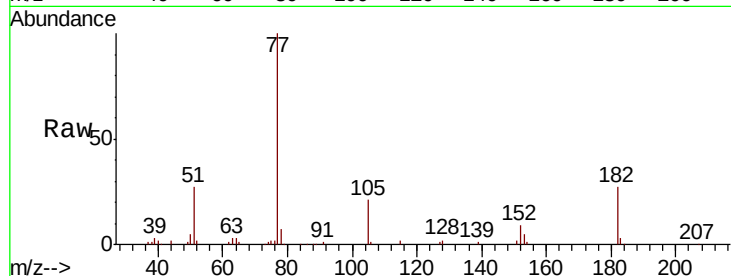
Ion Ratio Lower Upper

77 100

182 26.6 8.0 48.0

105 21.3 1.3 41.3

51 26.6 10.7 50.7

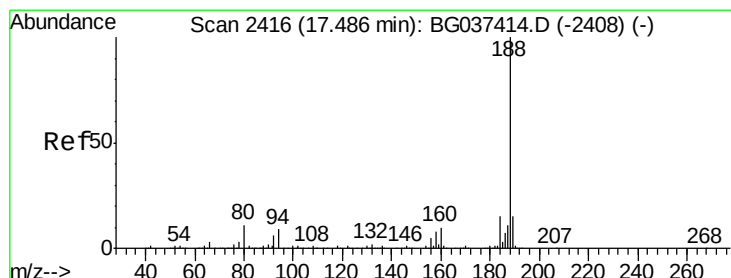
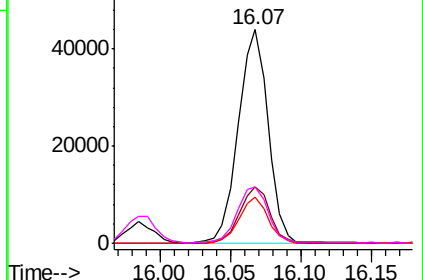
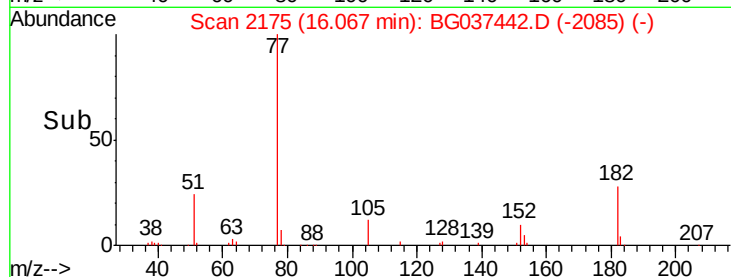


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

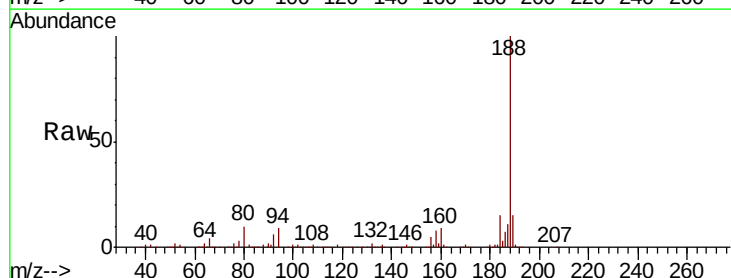
Tgt Ion: 188 Resp: 395683

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

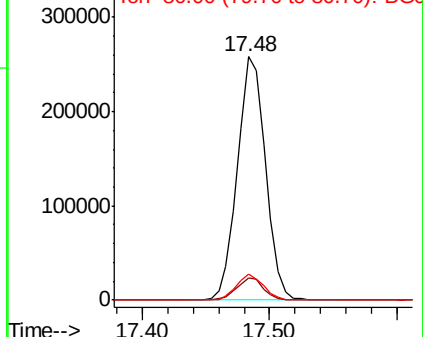
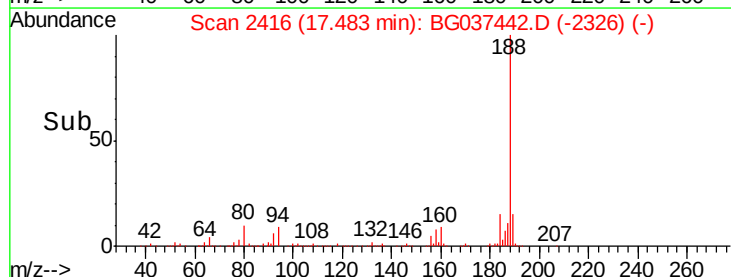
80 10.4 7.7 11.5

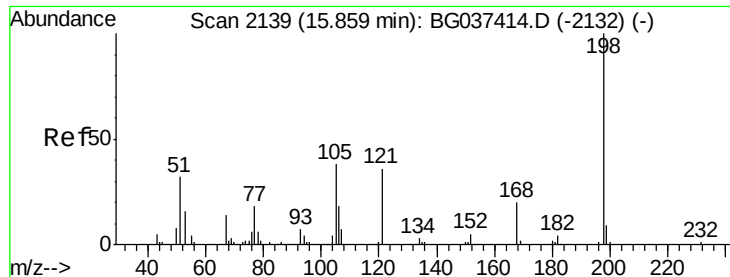


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

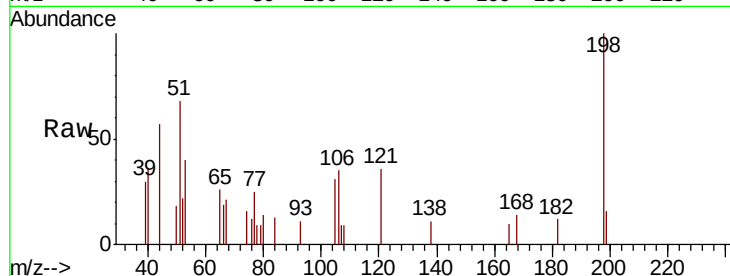




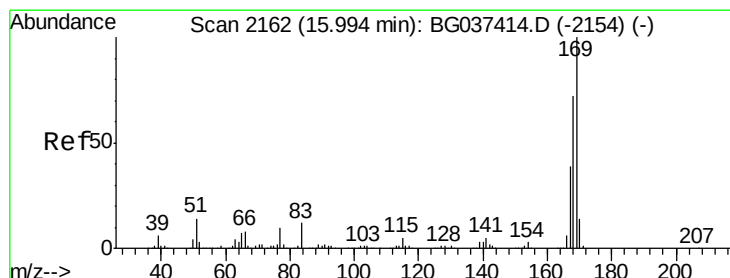
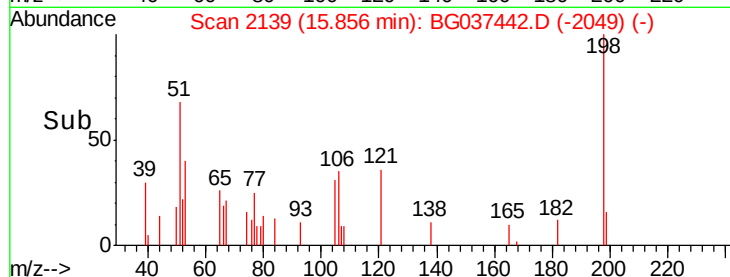
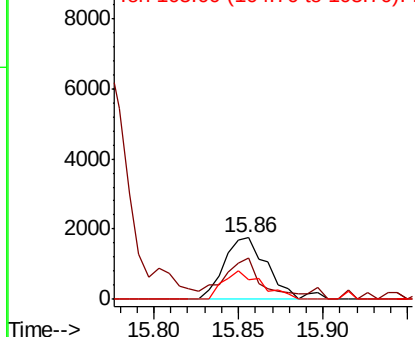
#65
4,6-Dinitro-2-methylphenol
Concen: 9.754 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

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

Tot Ion:198 Resp: 3147
Ion Ratio Lower Upper
198 100
51 67.9 22.7 62.7#
105 31.4 19.7 59.7

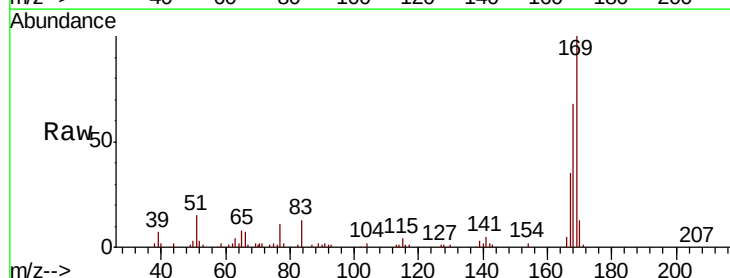


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

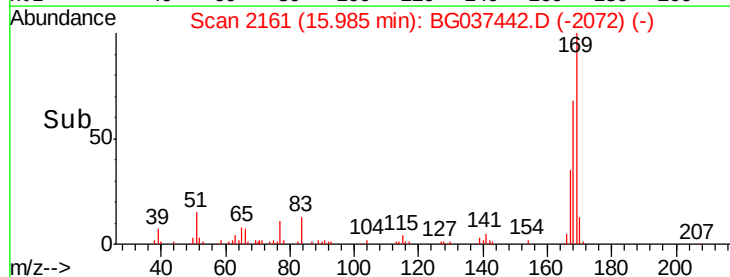
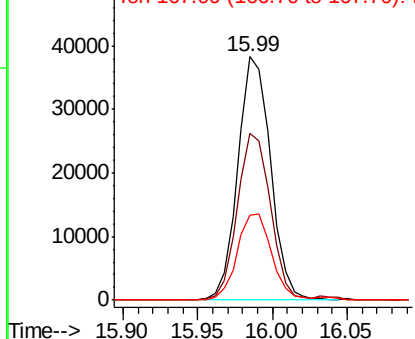


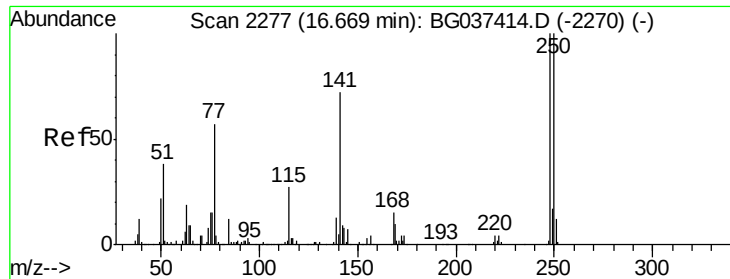
#66
n-Nitrosodiphenylamine
Concen: 4.897 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:169 Resp: 58285
Ion Ratio Lower Upper
169 100
168 68.4 55.7 83.5
167 35.0 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

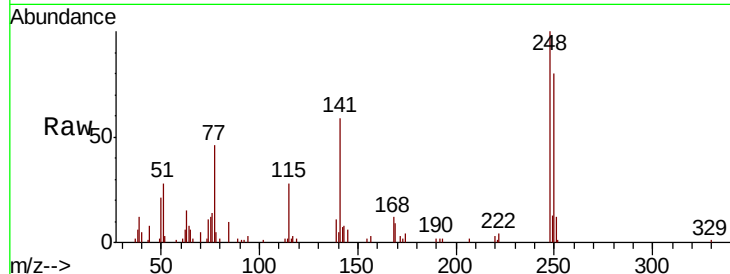




#67
4-Bromophenyl-phenylether
Concen: 4.753 ng
RT: 16.67 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	79.5	77.0	115.6
141	58.7	55.5	83.3

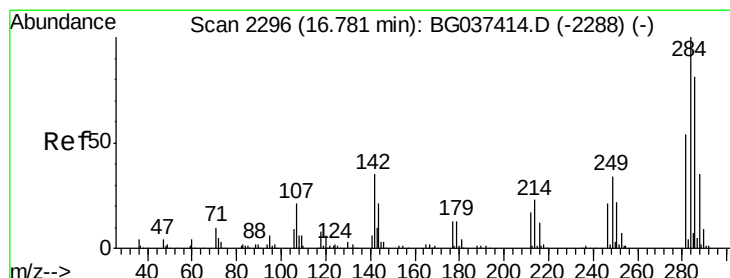
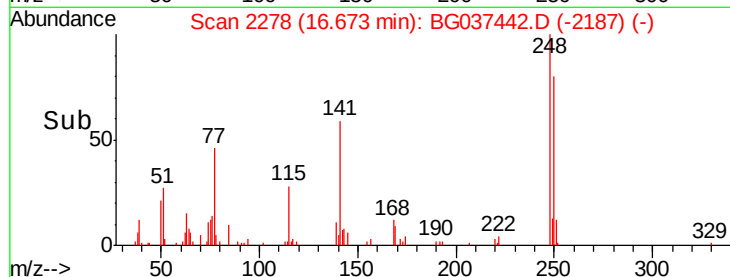
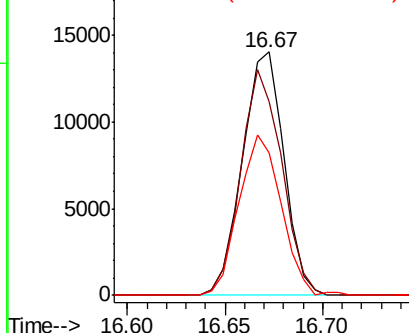


Abundance

Ion 248.00 (247.70 to 248.70): E

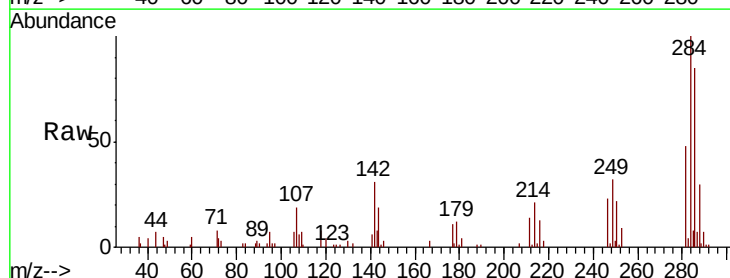
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 4.868 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	28.1	42.1
249	35.4	29.8	44.8

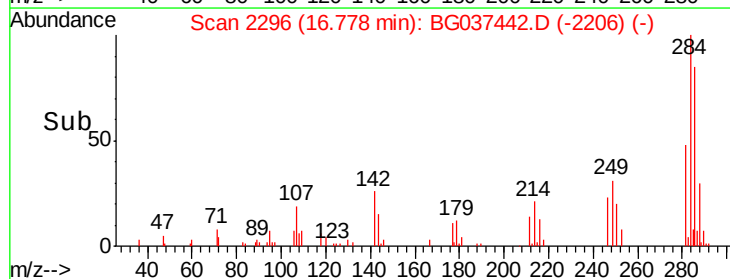
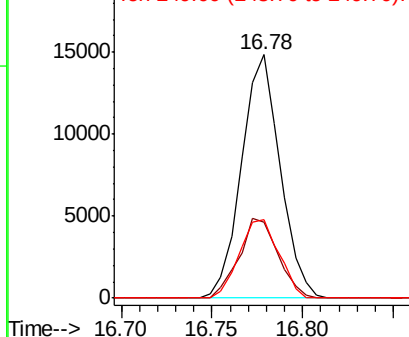


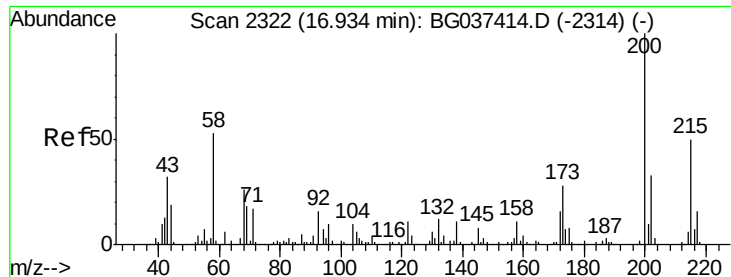
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

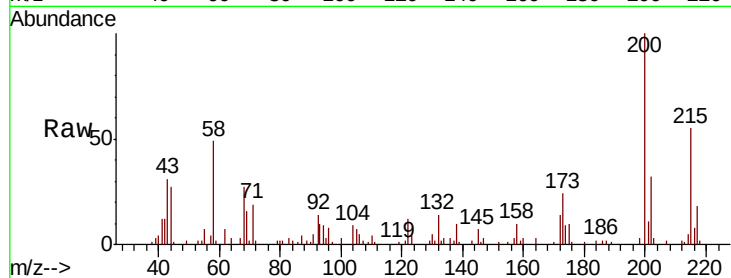




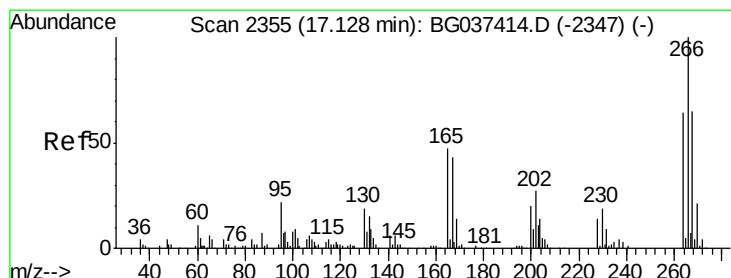
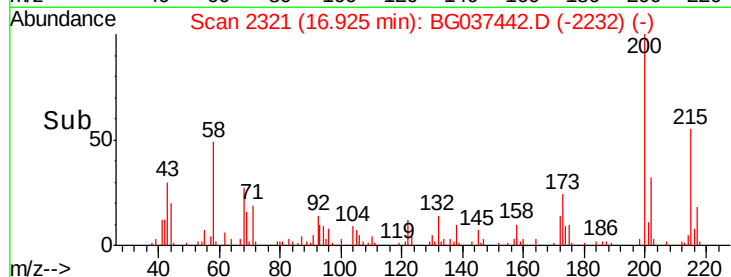
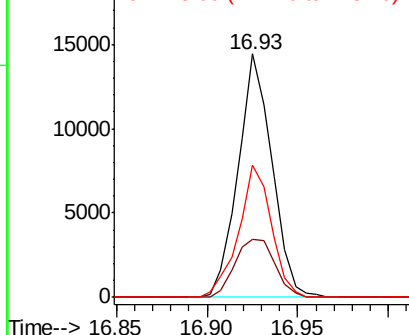
#69
Atrazine
Concen: 4.353 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

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

Tot Ion:200 Resp: 18732
Ion Ratio Lower Upper
200 100
173 23.8 6.1 46.1
215 54.5 30.8 70.8

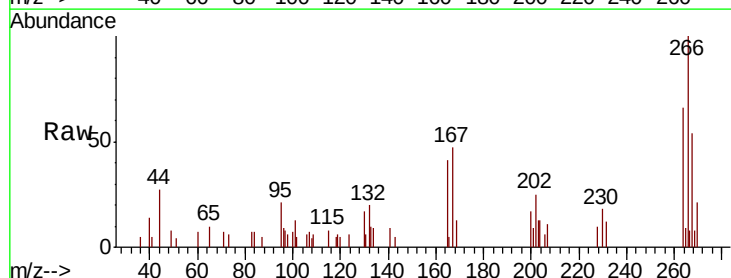


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

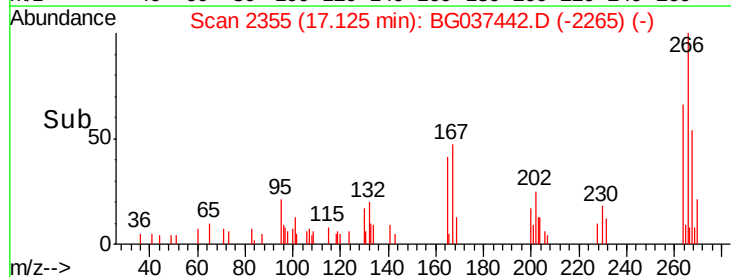
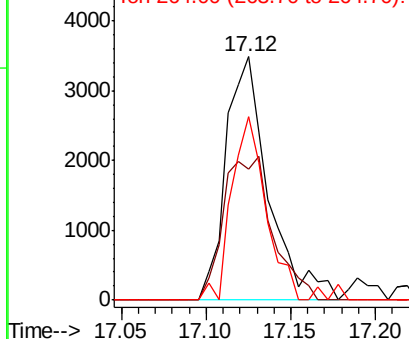


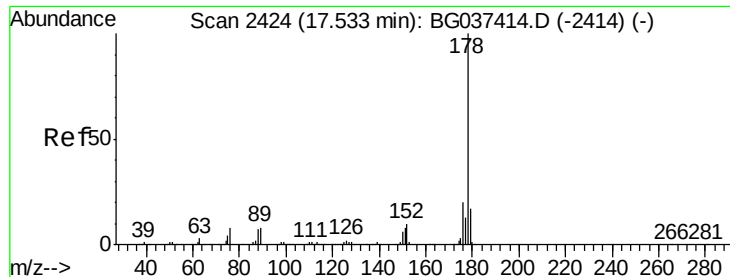
#70
Pentachlorophenol
Concen: 2.015 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion:266 Resp: 6078
Ion Ratio Lower Upper
266 100
268 61.3 55.0 82.6
264 75.4 58.9 88.3



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





#71

Phenanthrene

Concen: 5.523 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

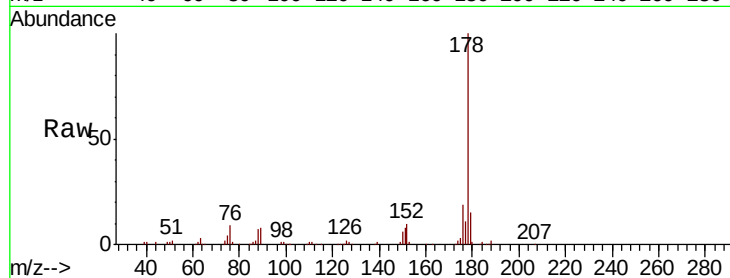
Tot Ion:178 Resp: 111068

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

179 15.0 13.0 19.4

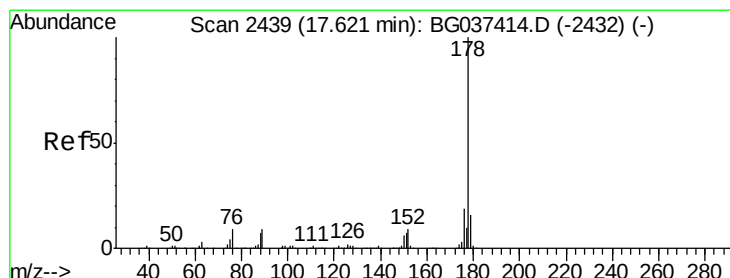
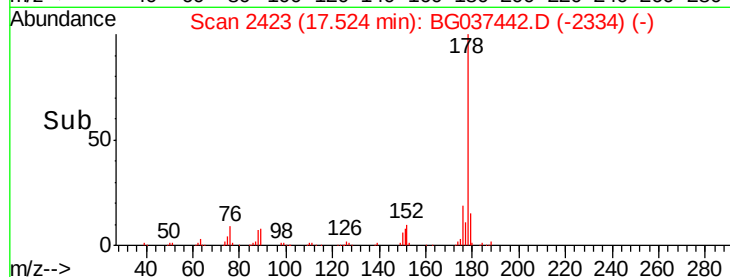
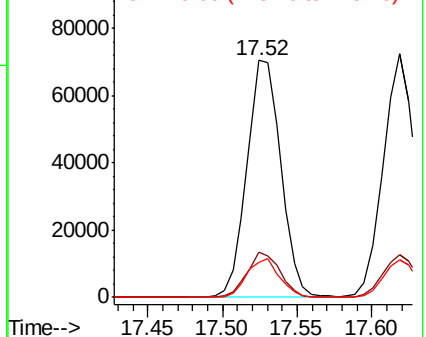


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 5.540 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

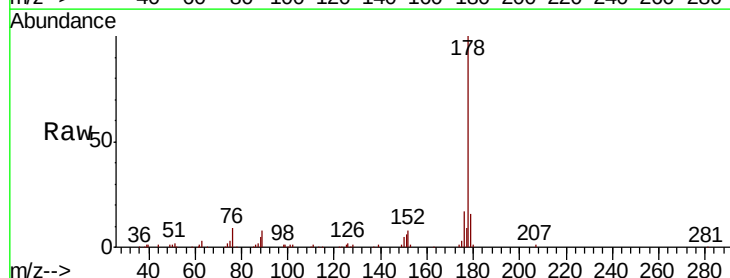
Tgt Ion:178 Resp: 109333

Ion Ratio Lower Upper

178 100

176 17.5 15.0 22.4

179 15.6 12.8 19.2

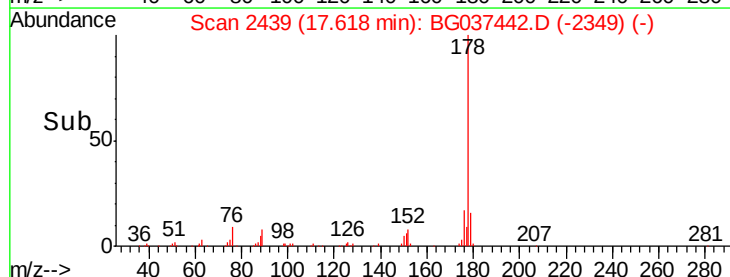
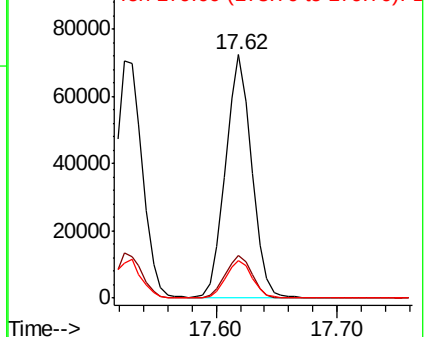


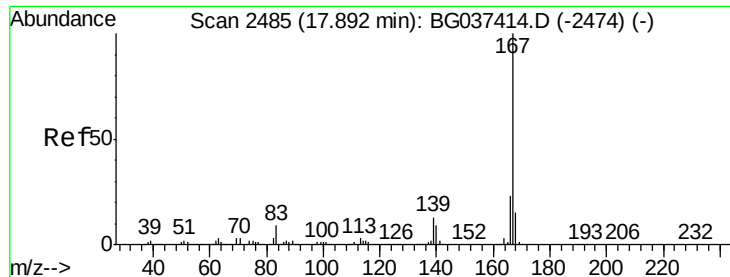
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 4.761 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

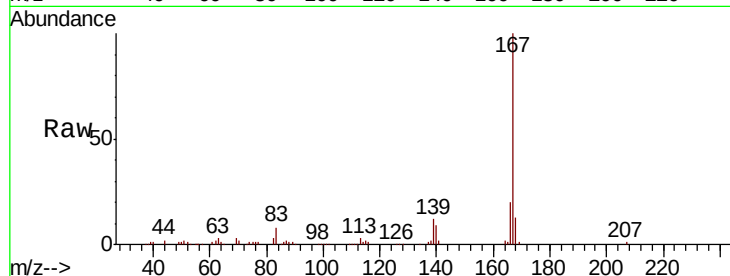
Tot Ion:167 Resp: 93993

Ion Ratio Lower Upper

167 100

166 20.2 18.3 27.5

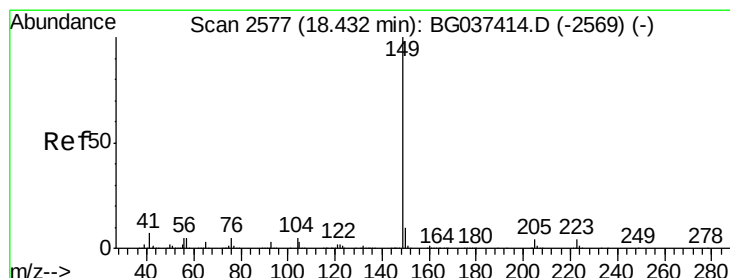
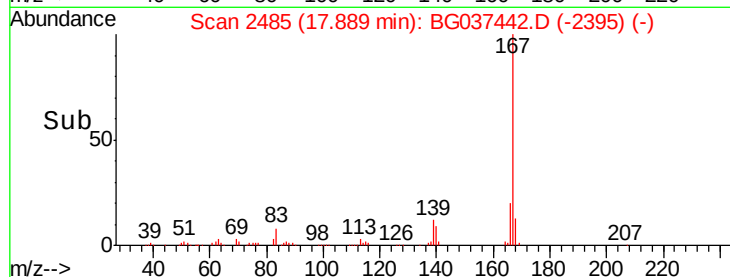
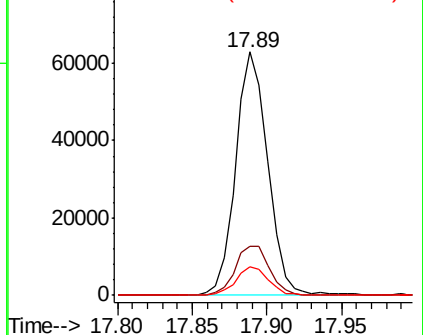
139 11.9 10.5 15.7



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: 4.842 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

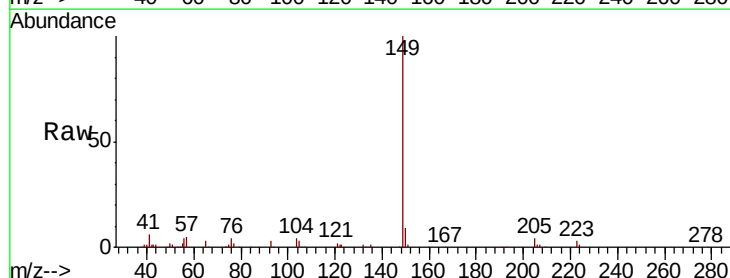
Tgt Ion:149 Resp: 106334

Ion Ratio Lower Upper

149 100

150 9.4 8.2 12.2

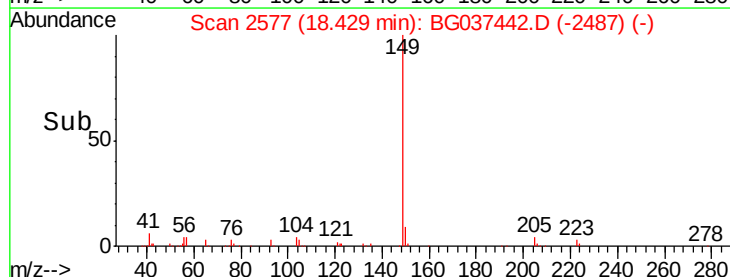
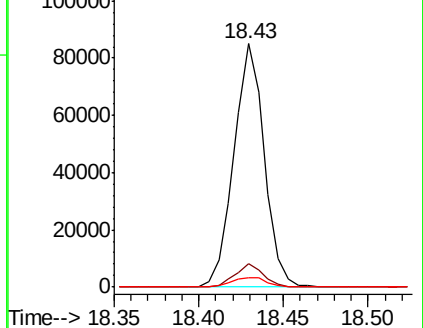
104 4.0 4.0 6.0

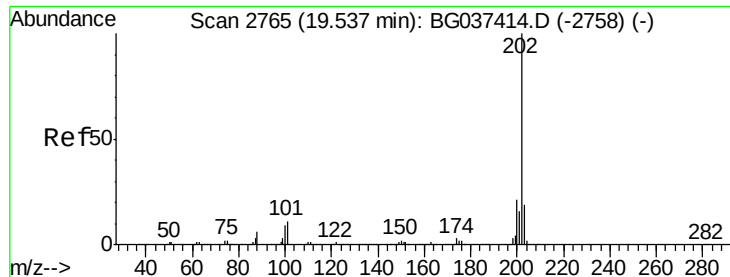


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.426 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

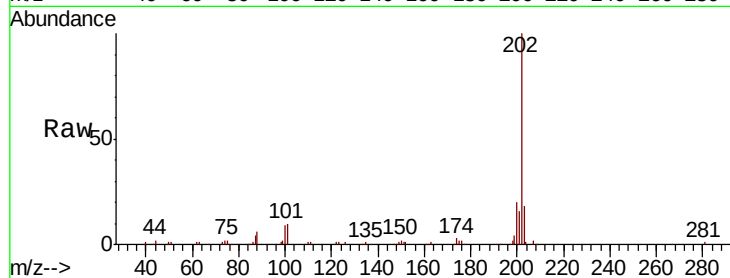
Tot Ion:202 Resp: 123762

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

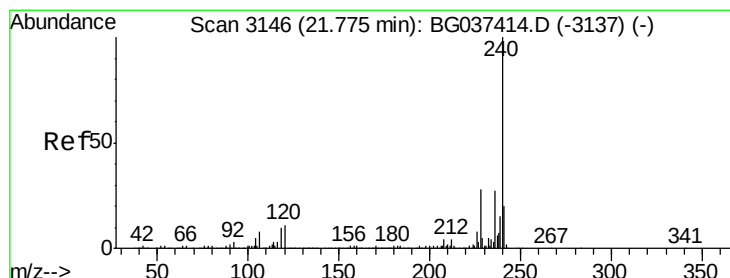
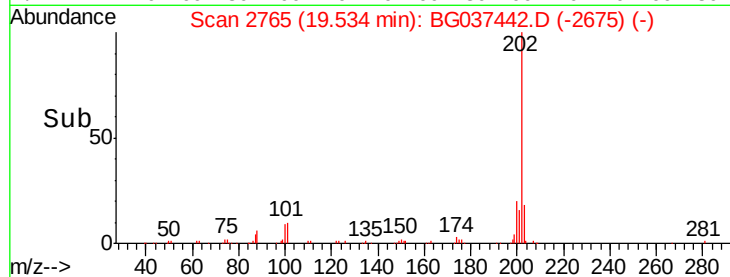
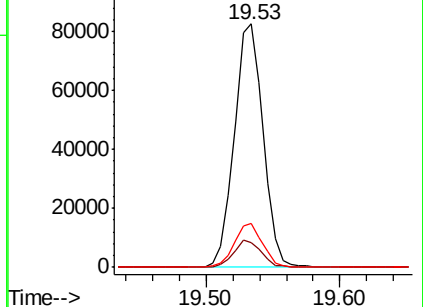
203 18.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

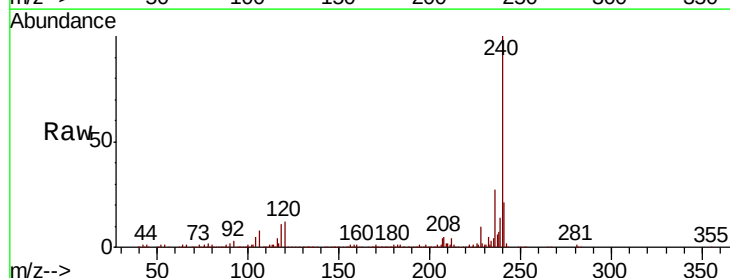
Tgt Ion:240 Resp: 362178

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

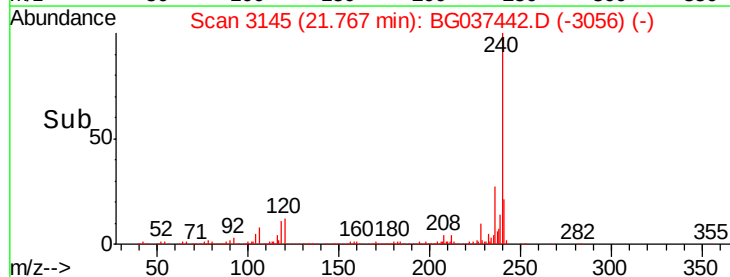
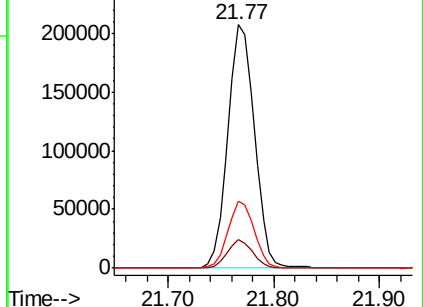
236 27.4 21.4 32.0

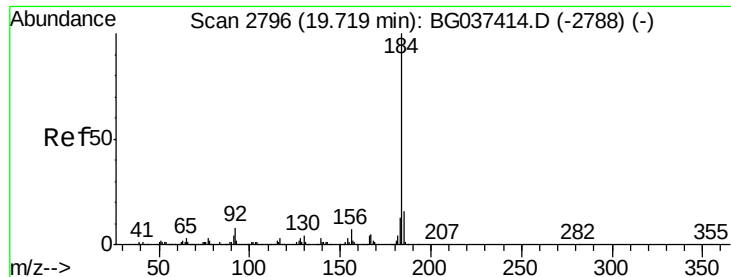


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.267 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

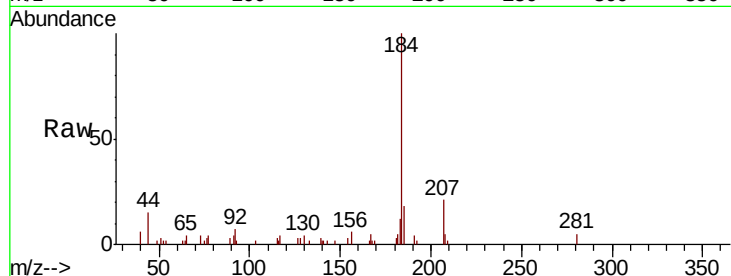
Tot Ion:184 Resp: 15608

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

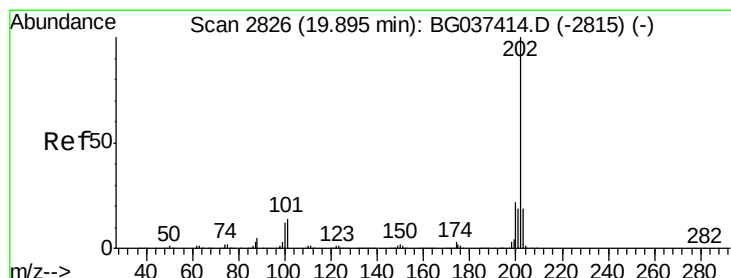
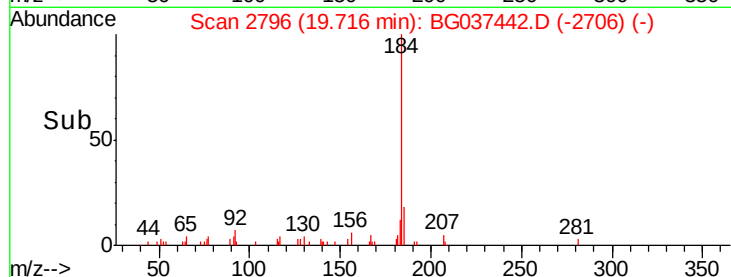
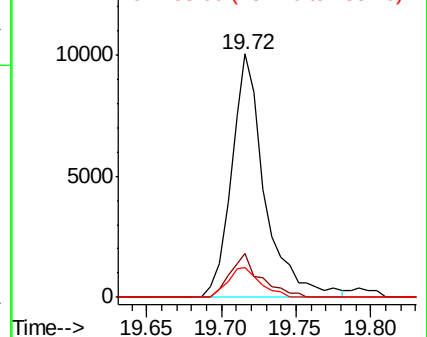
183 12.2 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.321 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

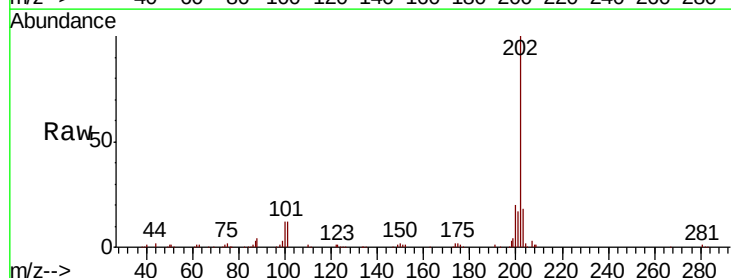
Tgt Ion:202 Resp: 125990

Ion Ratio Lower Upper

202 100

200 20.2 17.8 26.6

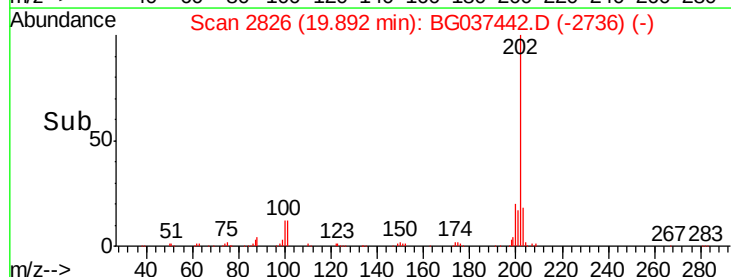
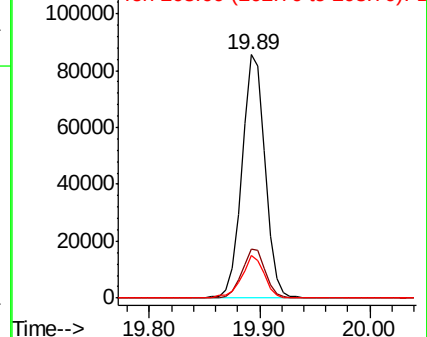
203 17.7 15.2 22.8

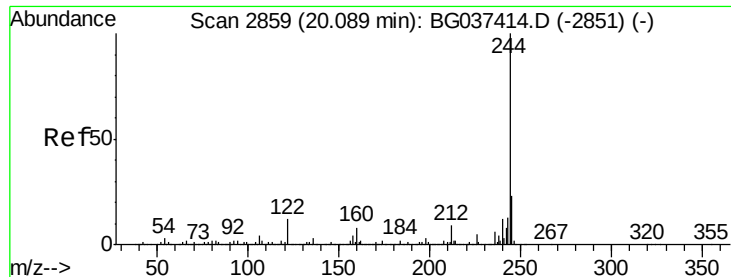


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.366 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

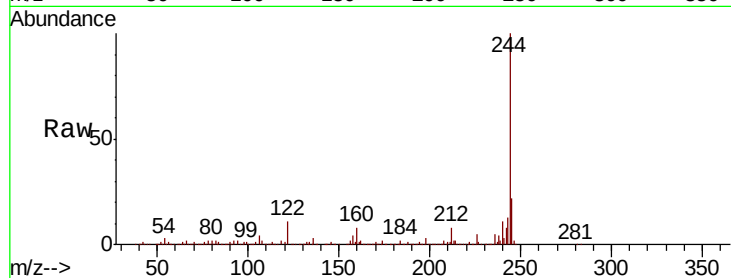
Tot Ion:244 Resp: 1294387

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.3 9.0 13.4

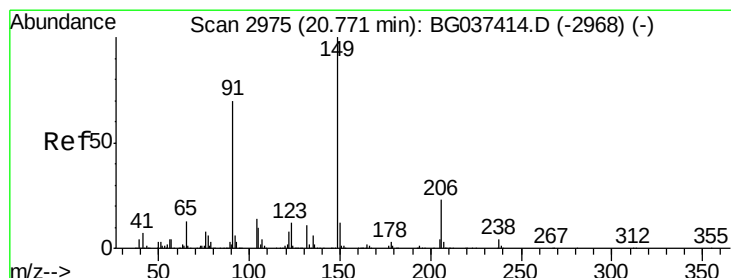
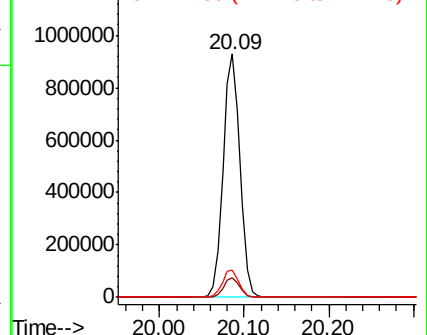
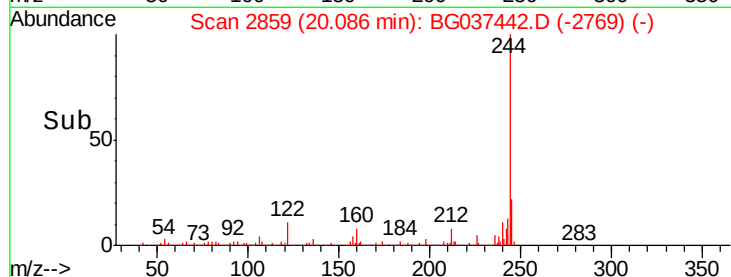


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.433 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

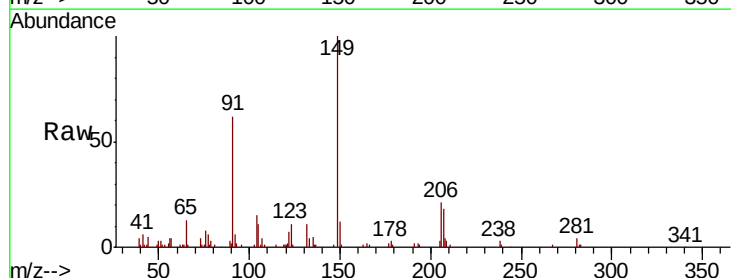
Tgt Ion:149 Resp: 42956

Ion Ratio Lower Upper

149 100

91 61.5 57.0 85.4

206 20.8 17.8 26.6

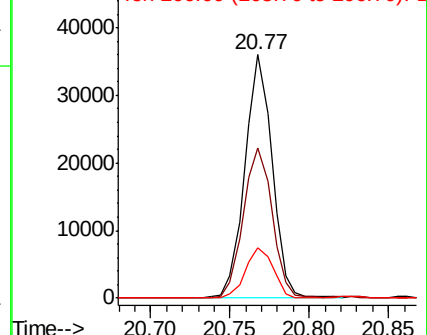
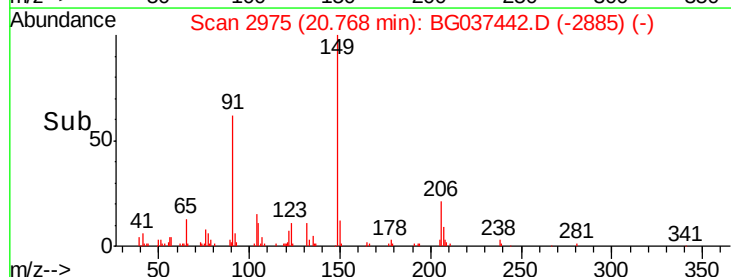


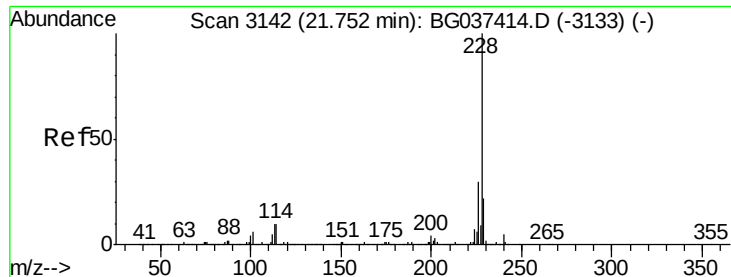
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

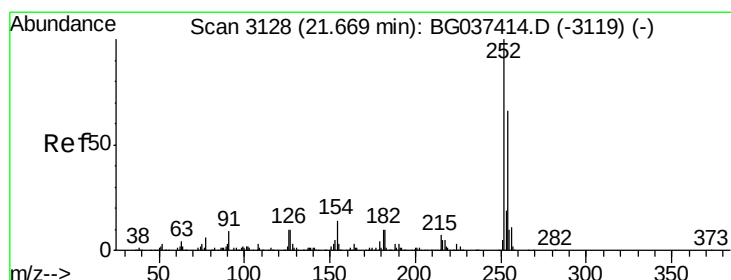
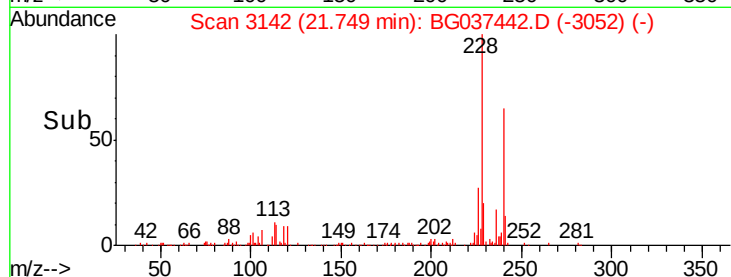
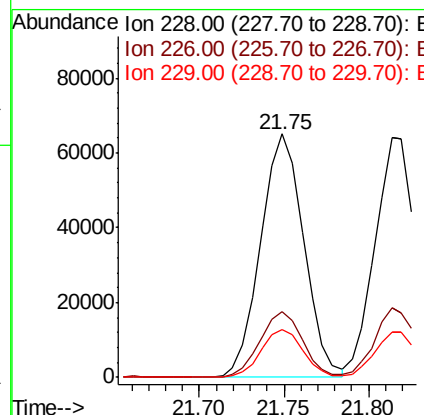
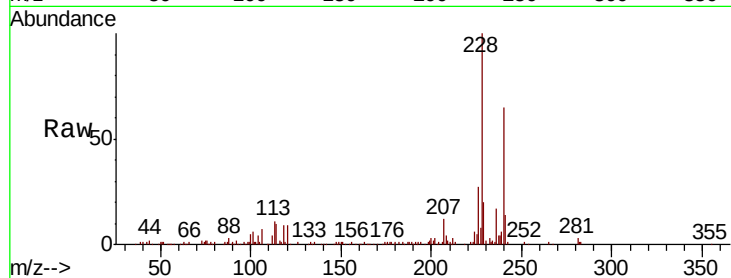




#81
Benzo(a)anthracene
Concen: 5.367 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

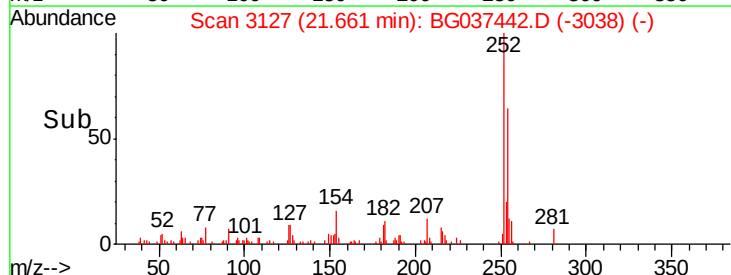
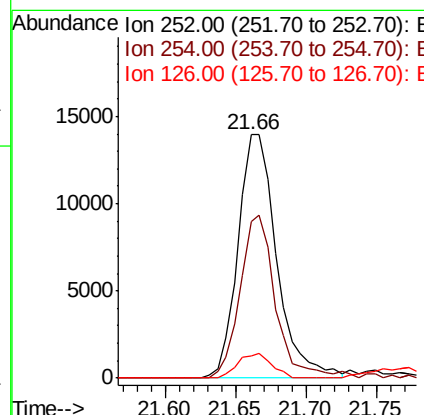
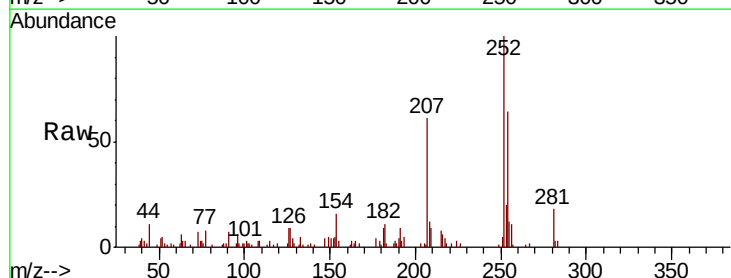
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

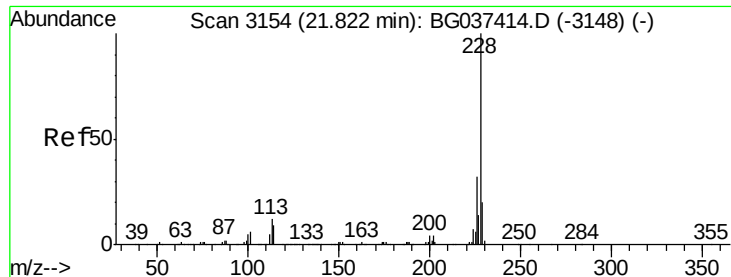
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.8	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 3.220 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	9.3	8.2	12.4





#83

Chrysene

Concen: 5.312 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

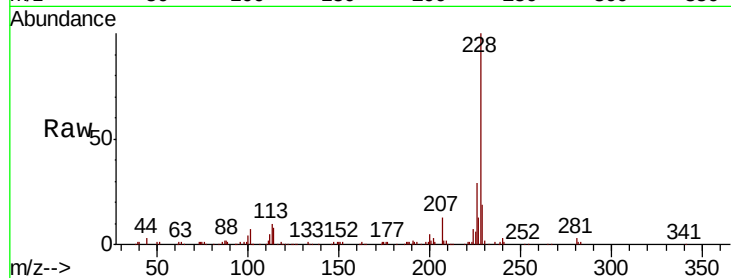
Tot Ion:228 Resp: 109431

Ion Ratio Lower Upper

228 100

226 29.1 25.7 38.5

229 18.9 16.5 24.7

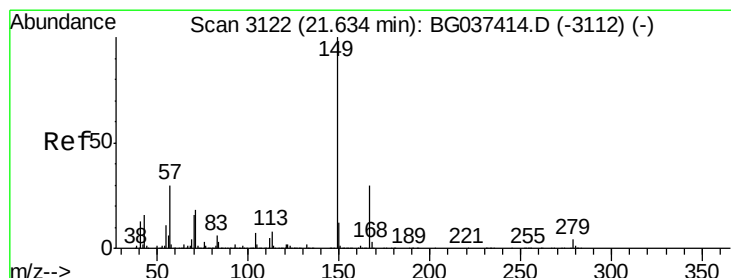
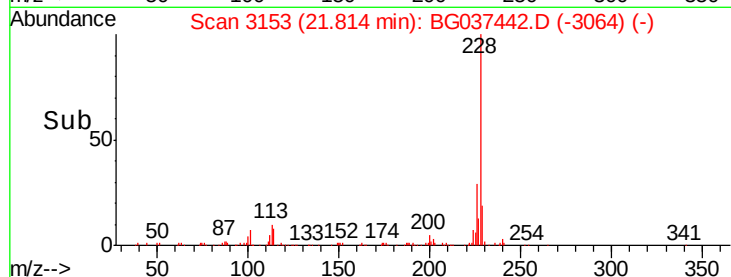
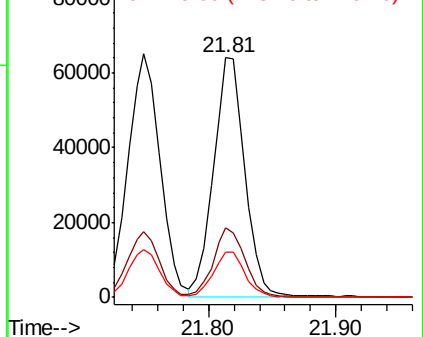


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.450 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

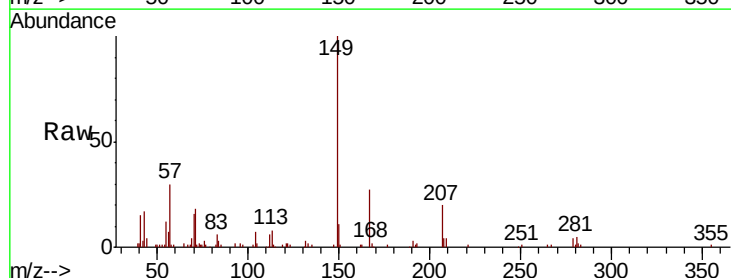
Tgt Ion:149 Resp: 60443

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.4

279 4.0 3.6 5.4

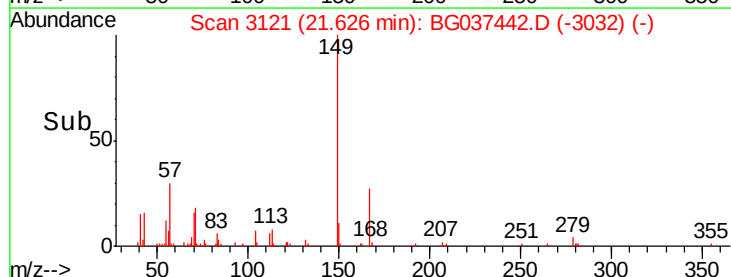
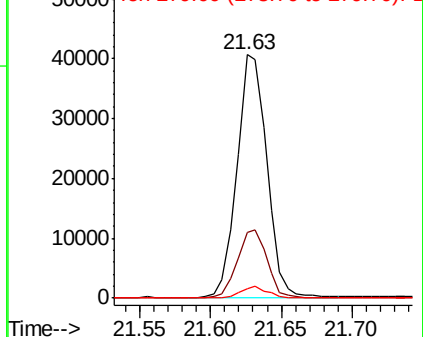


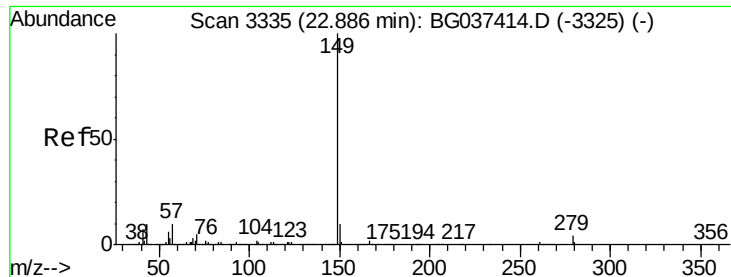
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.450 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

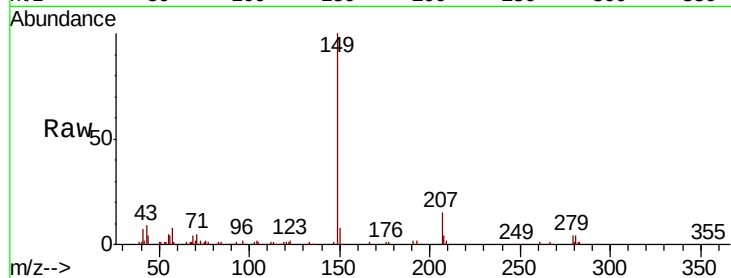
Tot Ion:149 Resp: 98548

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

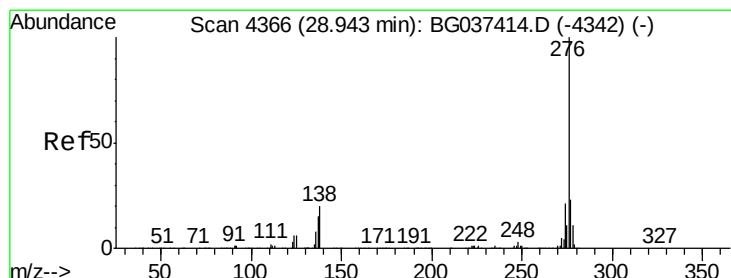
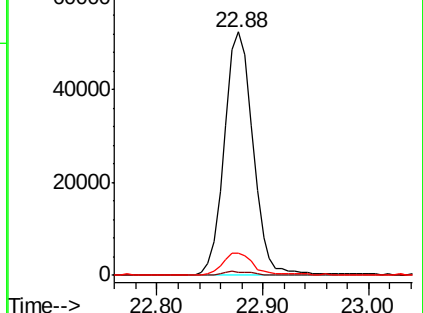
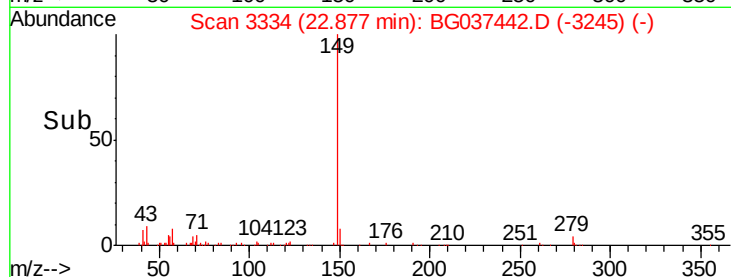
43 10.1 8.7 13.1



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: 4.171 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

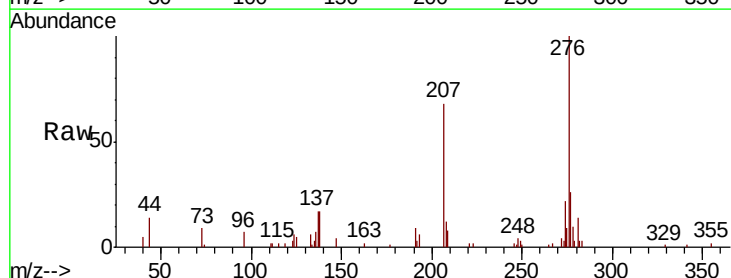
Tgt Ion:276 Resp: 92151

Ion Ratio Lower Upper

276 100

138 9.3 12.0 18.0#

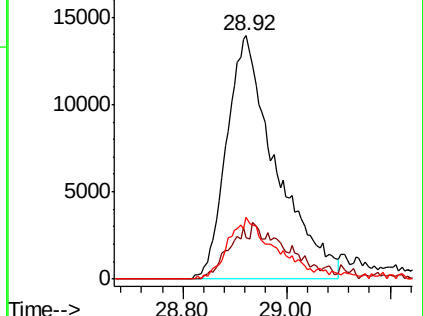
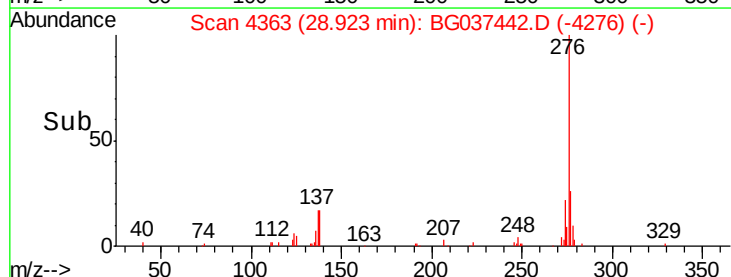
277 23.7 20.6 30.8

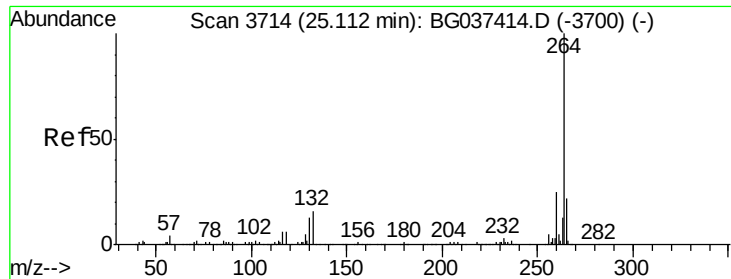


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

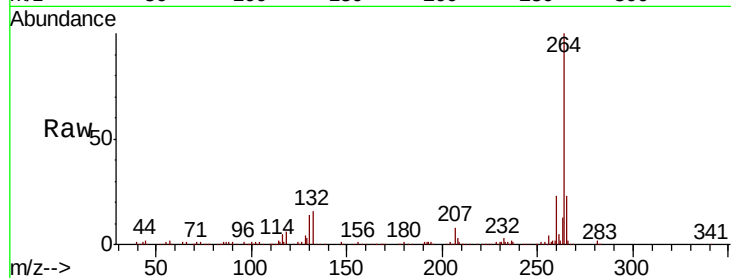
Tot Ion:264 Resp: 364857

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 22.6 17.9 26.9

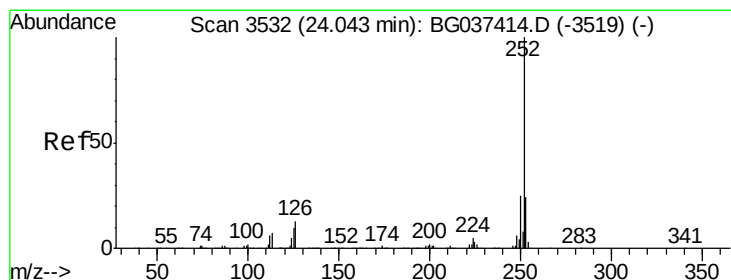
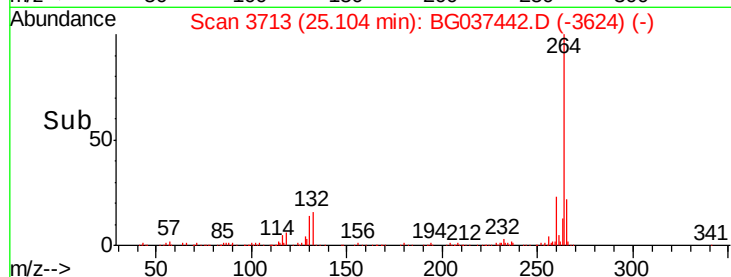
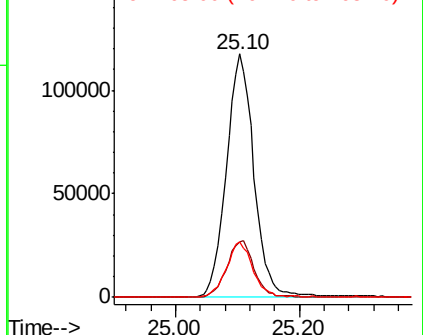


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.168 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037442.D

Acq: 19 Oct 2018 6:27

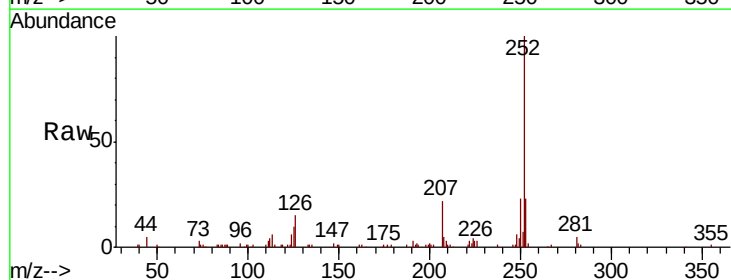
Tgt Ion:252 Resp: 103365

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 9.6 7.8 11.6

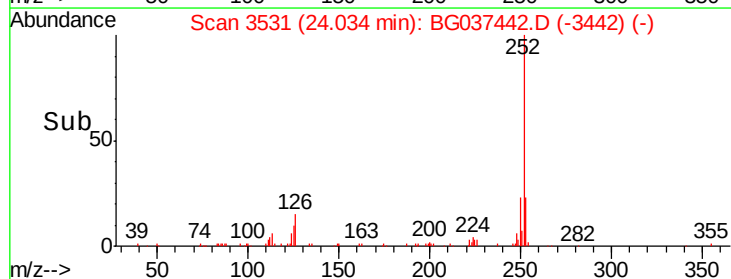
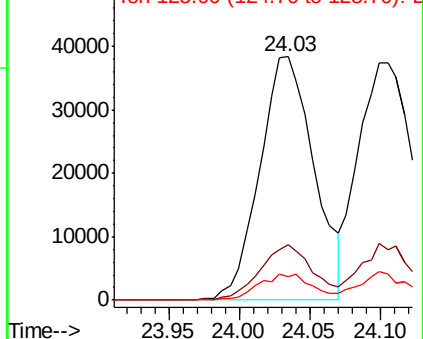


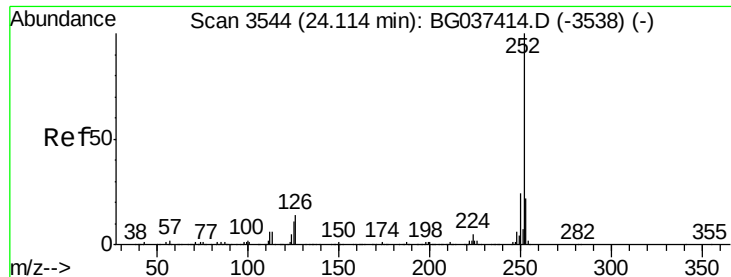
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

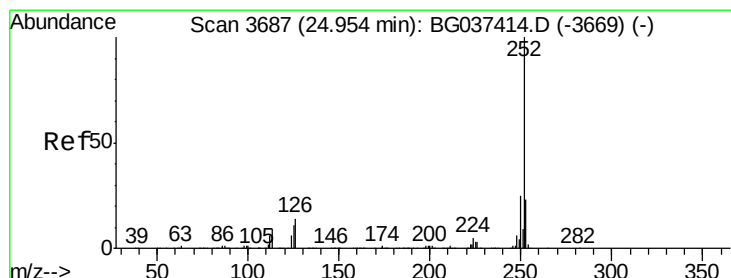
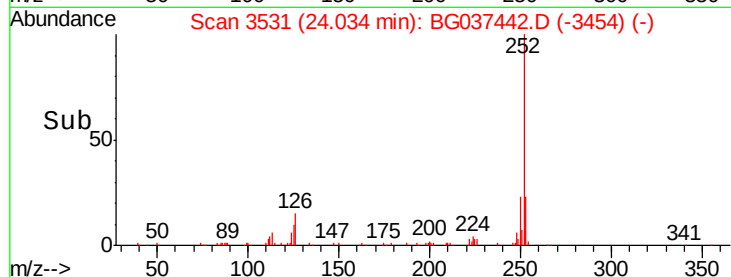
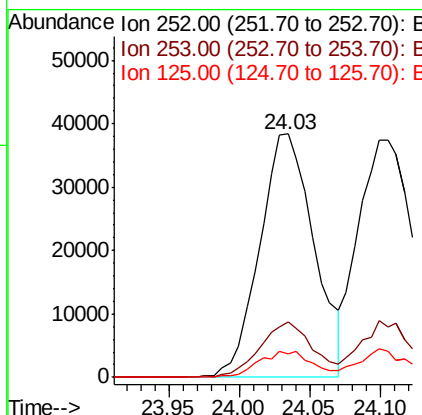
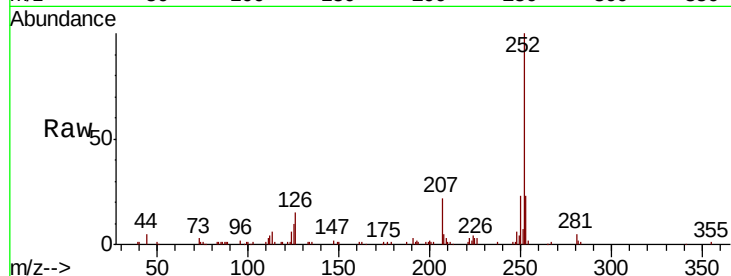




#89
Benzo(k)fluoranthene
Concen: 5.274 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.08 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

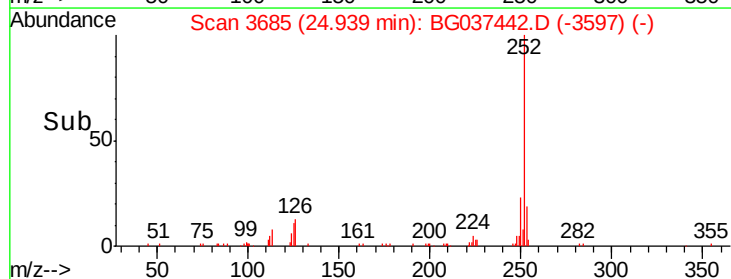
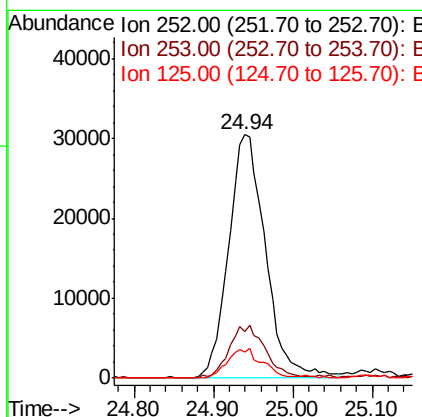
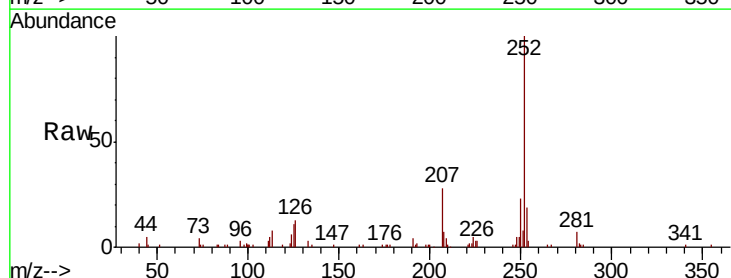
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

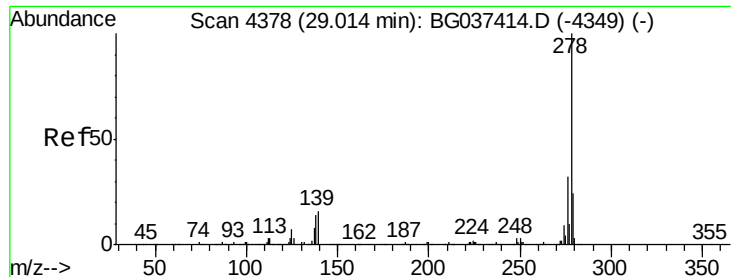
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 5.178 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037442.D
Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.2	17.4	26.2
125	10.9	9.0	13.6

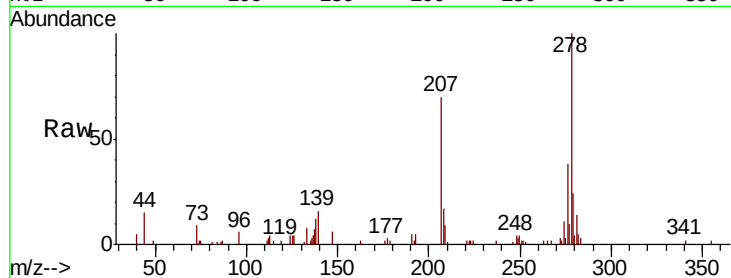




#91
 Dibenzo(a,h)anthracene
 Concen: 4.227 ng
 RT: 29.01 min Scan# 4377
 Delta R.T. -0.01 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	23.6	18.6	27.8

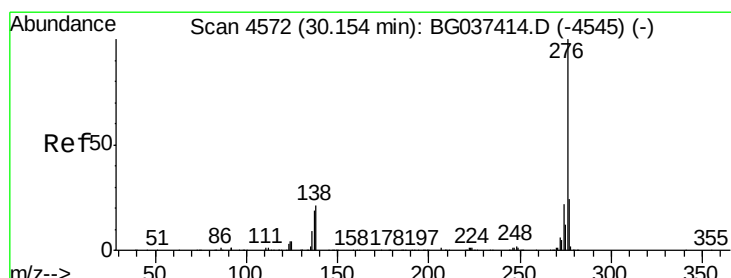
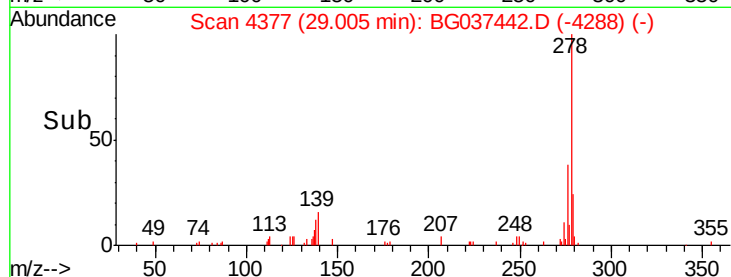
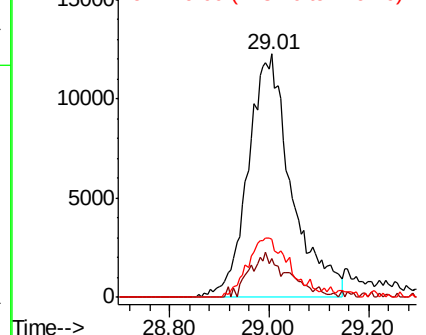


Abundance

Ion 278.00 (277.70 to 278.70): E

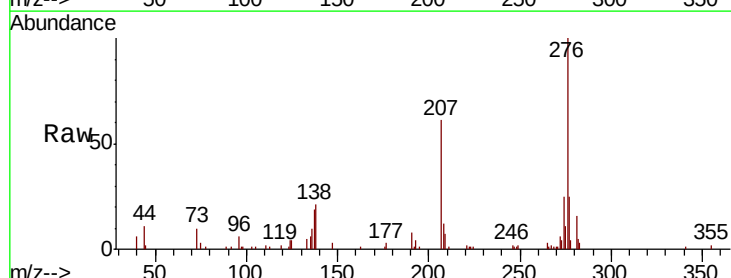
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 4.655 ng
 RT: 30.12 min Scan# 4567
 Delta R.T. -0.03 min
 Lab File: BG037442.D
 Acq: 19 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	21.0	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

