

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037460.D
 Acq On : 19 Oct 2018 19:12
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 8PPM
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 19 23:32:56 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	46190	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	210437	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	137389	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	332132	20.00	ng	0.00
76) Chrysene-d12	21.77	240	311768	20.00	ng	0.00
87) Perylene-d12	25.11	264	310996	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	448331	162.27	ng	0.00
7) Phenol-d6	7.25	99	654797	156.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	363339	96.72	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	245584	163.89	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	874847	96.02	ng	0.00
79) Terphenyl-d14	20.09	244	1356182	92.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	11007	7.856	ng	91
3) Pyridine	3.94	79	30306	8.582	ng	99
4) n-Nitrosodimethylamine	3.86	42	11505	9.147	ng	# 90
6) Aniline	7.43	93	35752	7.015	ng	95
8) 2-Chlorophenol	7.67	128	30269	9.365	ng	98
9) Benzaldehyde	7.25	77	23152	8.859	ng	96
10) Phenol	7.27	94	40960	9.292	ng	93
11) bis(2-Chloroethyl)ether	7.53	93	31207	9.322	ng	94
12) 1,3-Dichlorobenzene	8.00	146	32565	9.050	ng	100
13) 1,4-Dichlorobenzene	8.14	146	32915	8.943	ng	96
14) 1,2-Dichlorobenzene	8.46	146	31374	8.861	ng	96
15) Benzyl Alcohol	8.34	79	26340	8.533	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	55016	9.184	ng	99
17) 2-Methylphenol	8.54	107	26275	9.016	ng	98
18) Hexachloroethane	9.19	117	11604	9.248	ng	# 89
19) n-Nitroso-di-n-propylamine	8.91	70	23561	8.190	ng	96
20) 3+4-Methylphenols	8.86	107	37492	8.999	ng	98
22) Acetophenone	8.94	105	50099	9.493	ng	# 97
24) Nitrobenzene	9.32	77	37500	9.609	ng	95
25) Isophorone	9.84	82	68811	10.025	ng	98
26) 2-Nitrophenol	10.04	139	14265	8.114	ng	90
27) 2,4-Dimethylphenol	10.08	122	31230	9.949	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	43654	9.707	ng	99
29) 2,4-Dichlorophenol	10.56	162	30106	8.614	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	33852	8.907	ng	99
31) Naphthalene	10.98	128	103290	9.993	ng	99
32) Benzoic acid	10.13	122	6547	3.211	ng	# 86
33) 4-Chloroaniline	11.09	127	33387	6.875	ng	# 94
34) Hexachlorobutadiene	11.25	225	20554	9.125	ng	99
35) Caprolactam	11.85	113	10830	7.726	ng	# 85
36) 4-Chloro-3-methylphenol	12.19	107	34766	8.821	ng	96
37) 2-Methylnaphthalene	12.58	142	78267	10.388	ng	99
38) 1-Methylnaphthalene	12.58	142	78267	10.696	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	39179	8.841	ng	99

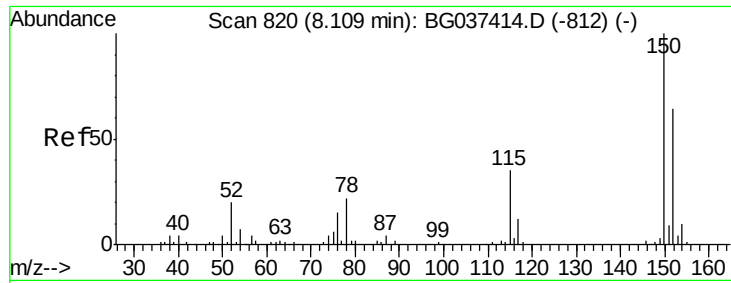
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037460.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	20137	9.513	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	25458	8.599	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	29153	9.044	ng	96
46) 1,1'-Biphenyl	13.57	154	102549	9.013	ng	95
47) 2-Chloronaphthalene	13.63	162	80991	9.409	ng	97
48) 2-Nitroaniline	13.83	65	22186	8.499	ng	95
49) Acenaphthylene	14.47	152	134524	10.389	ng	96
50) Dimethylphthalate	14.18	163	105281	9.905	ng	98
51) 2,6-Dinitrotoluene	14.31	165	21069	8.961	ng	98
52) Acenaphthene	14.80	154	77878	9.765	ng	95
53) 3-Nitroaniline	14.65	138	20113	7.705	ng	99
54) 2,4-Dinitrophenol	14.85	184	1885	9.503	ng	# 90
55) Dibenzofuran	15.14	168	129870	9.829	ng	99
56) 4-Nitrophenol	14.94	139	13312	6.890	ng	83
57) 2,4-Dinitrotoluene	15.09	165	26748	8.666	ng	96
58) Fluorene	15.78	166	104697	10.581	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.35	232	24756	8.970	ng	97
60) Diethylphthalate	15.54	149	106839	9.791	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	52478	9.099	ng	97
62) 4-Nitroaniline	15.81	138	23168	8.932	ng	95
63) Azobenzene	16.07	77	103434	9.935	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	6721	11.680	ng	94
66) n-Nitrosodiphenylamine	15.99	169	92980	9.307	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	30998	8.499	ng	93
68) Hexachlorobenzene	16.78	284	33176	8.776	ng	99
69) Atrazine	16.93	200	32651	9.039	ng	97
70) Pentachlorophenol	17.13	266	11981	4.732	ng	94
71) Phenanthrene	17.53	178	178088	10.550	ng	99
72) Anthracene	17.62	178	180671	10.907	ng	99
73) Carbazole	17.89	167	154594	9.330	ng	99
74) Di-n-butylphthalate	18.43	149	179119	9.717	ng	98
75) Fluoranthene	19.53	202	206154	10.768	ng	97
77) Benzidine	19.72	184	28969	2.733	ng	97
78) Pyrene	19.89	202	208966	10.253	ng	97
80) Butylbenzylphthalate	20.77	149	73753	8.842	ng	94
81) Benzo(a)anthracene	21.75	228	192192	10.422	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	44980	6.293	ng	98
83) Chrysene	21.82	228	180287	10.167	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	102565	8.772	ng	98
85) Di-n-octyl phthalate	22.88	149	164447	8.625	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	157971	8.306	ng	# 89
88) Benzo(b)fluoranthene	24.04	252	170957	10.027	ng	100
89) Benzo(k)fluoranthene	24.11	252	175586	10.511	ng	99
90) Benzo(a)pyrene	24.95	252	165838	10.236	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	124518	8.332	ng	99
92) Benzo(g,h,i)perylene	30.13	276	137033	9.063	ng	97

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

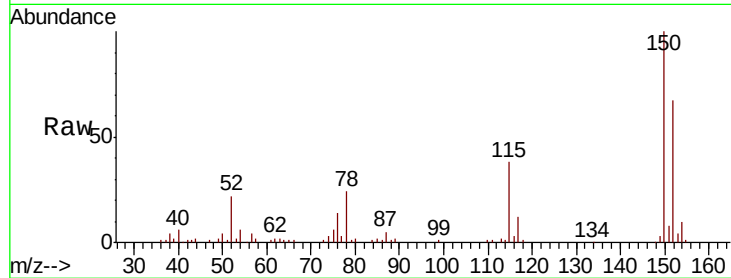


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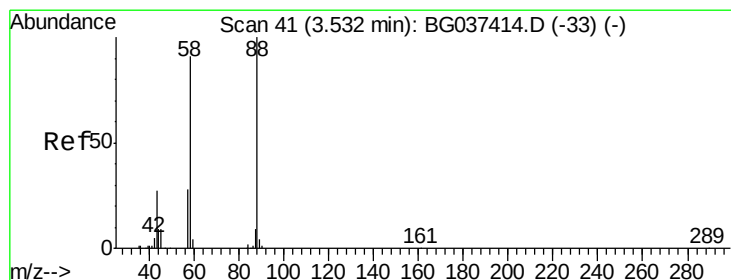
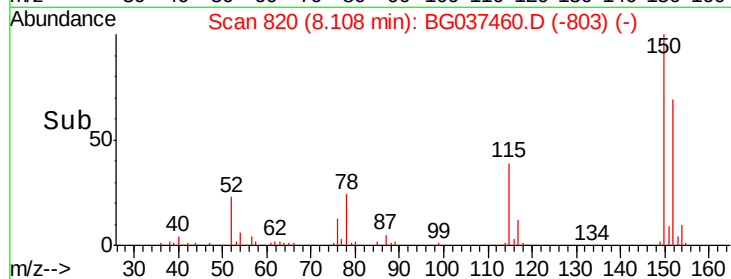
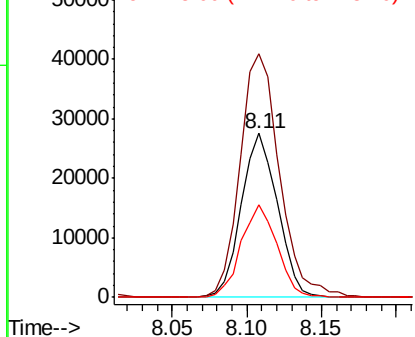
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion:152 Resp: 46190
Ion Ratio Lower Upper
152 100
150 148.3 126.0 189.0
115 56.2 45.5 68.3



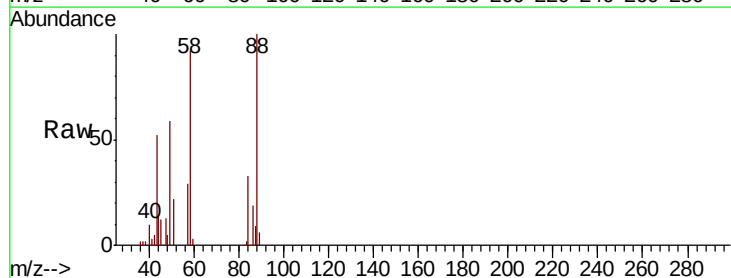
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



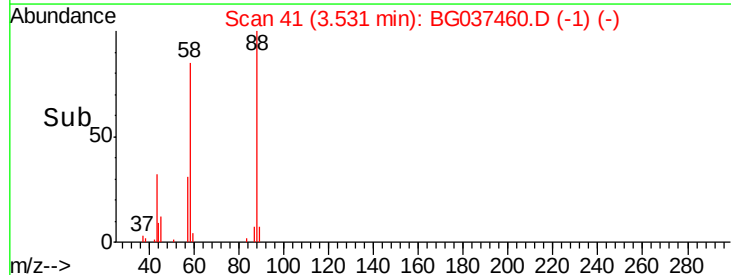
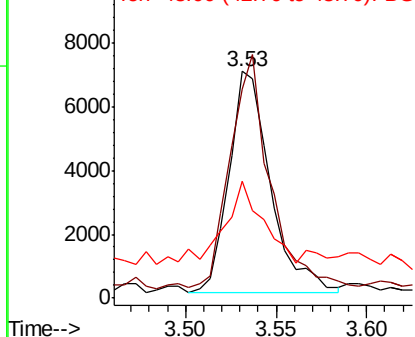
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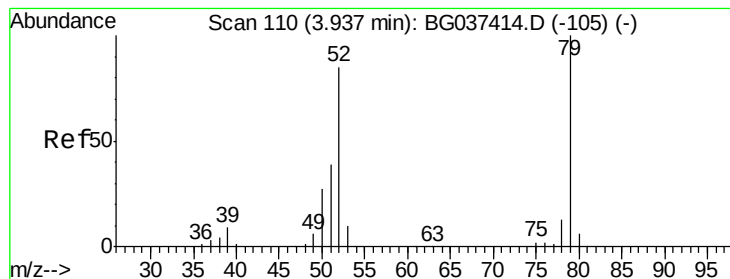
1,4-Dioxane
Concen: 7.856 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion: 88 Resp: 11007
Ion Ratio Lower Upper
88 100
58 104.1 74.4 111.6
43 33.8 25.8 38.8



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





#3

Pyridine

Concen: 8.582 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

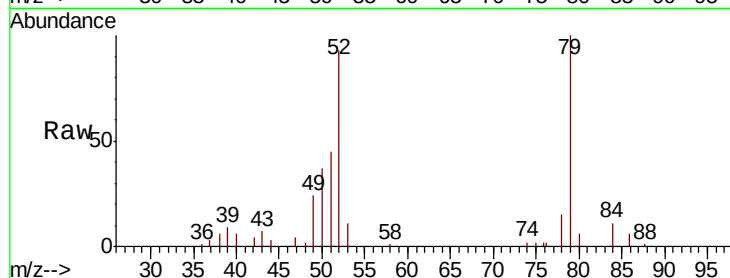
Tgt Ion: 79 Resp: 30306

Ion Ratio Lower Upper

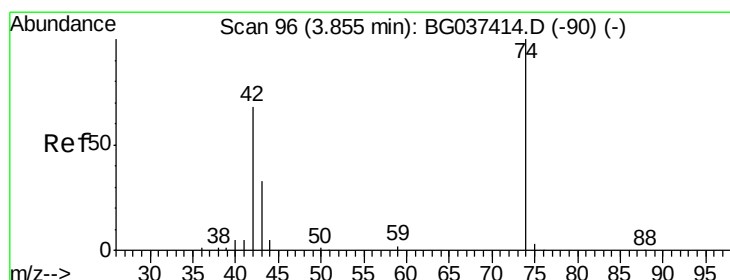
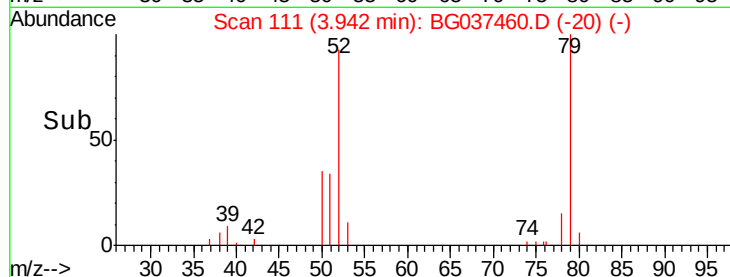
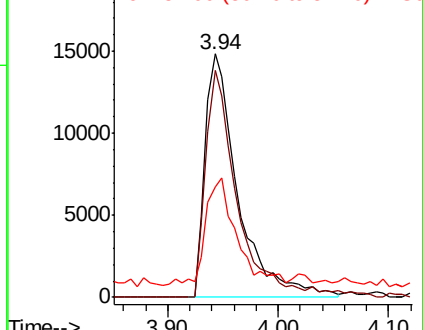
79 100

52 93.1 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: 9.147 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

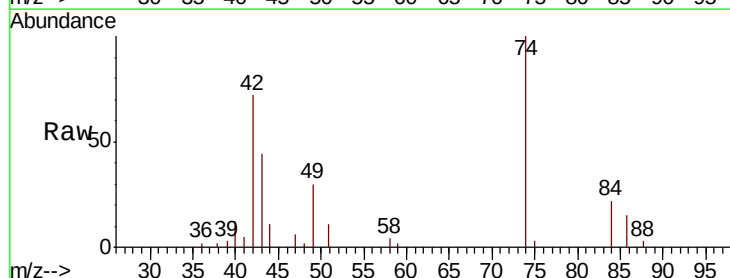
Tgt Ion: 42 Resp: 11505

Ion Ratio Lower Upper

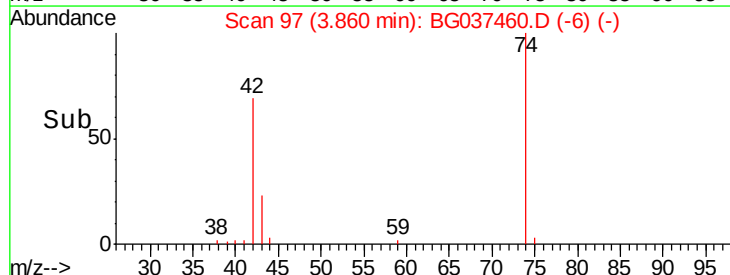
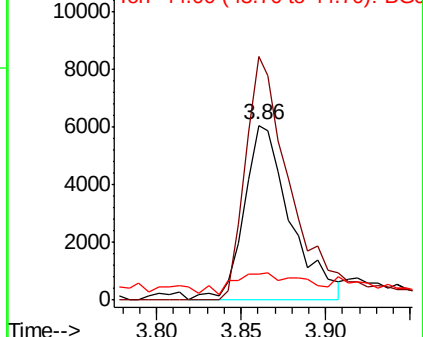
42 100

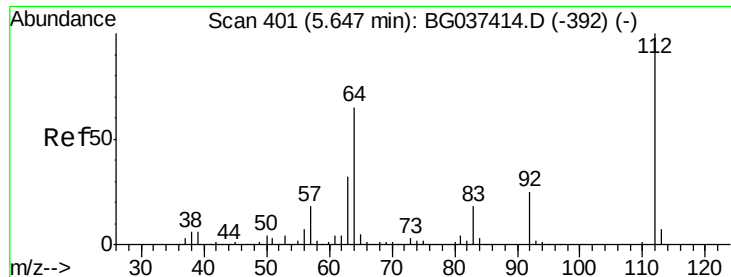
74 139.4 102.0 153.0

44 14.8 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: 162.274 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

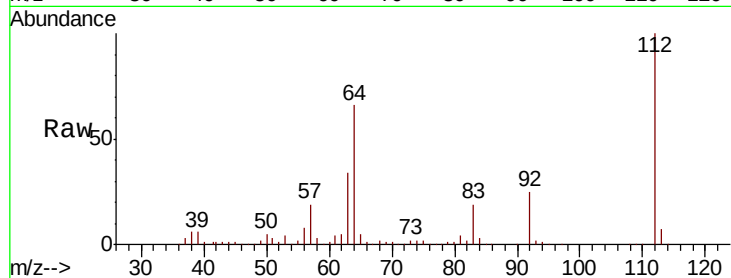
Tgt Ion: 112 Resp: 448331

Ion Ratio Lower Upper

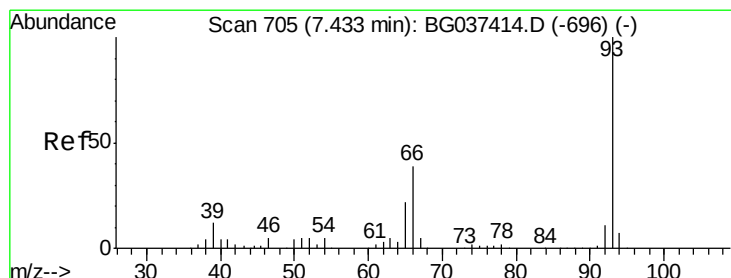
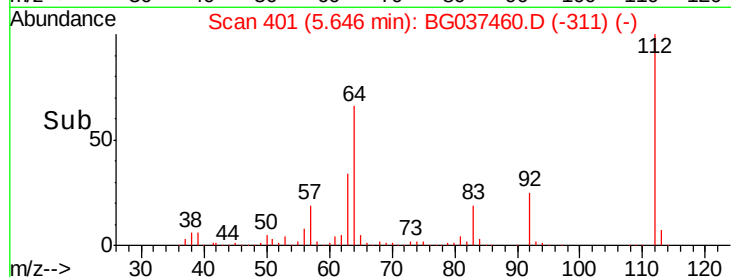
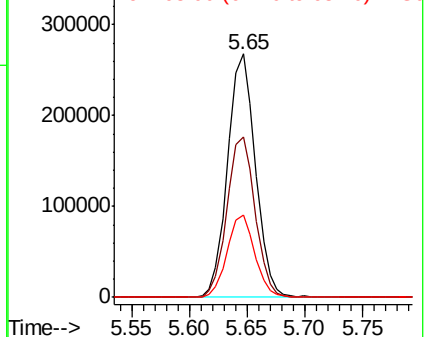
112 100

64 66.1 53.1 79.7

63 33.6 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: 7.015 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

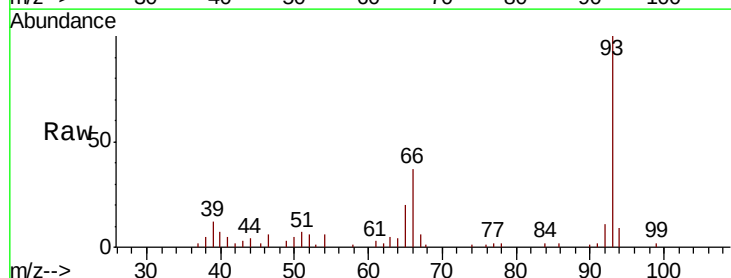
Tgt Ion: 93 Resp: 35752

Ion Ratio Lower Upper

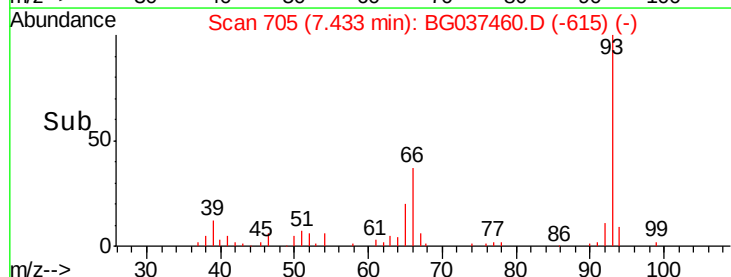
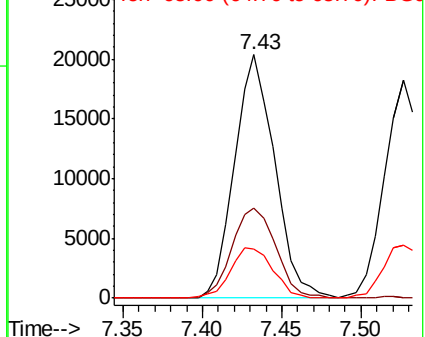
93 100

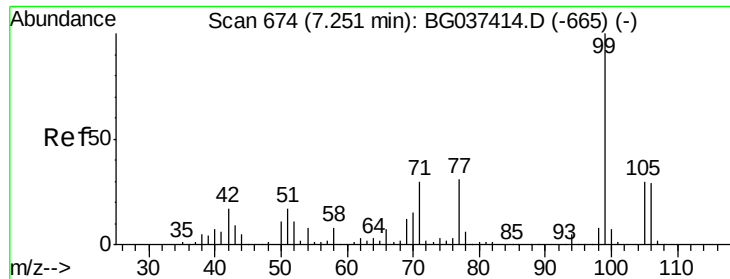
66 37.1 32.8 49.2

65 20.0 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: 156.736 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

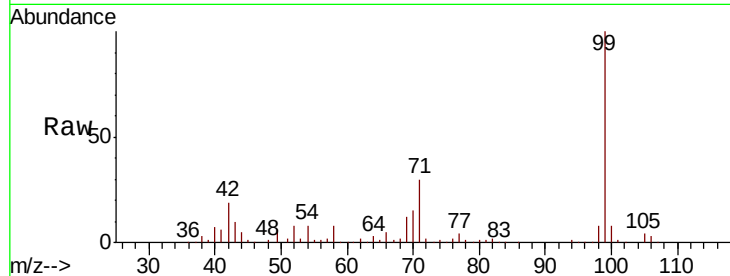
Tgt Ion: 99 Resp: 654797

Ion Ratio Lower Upper

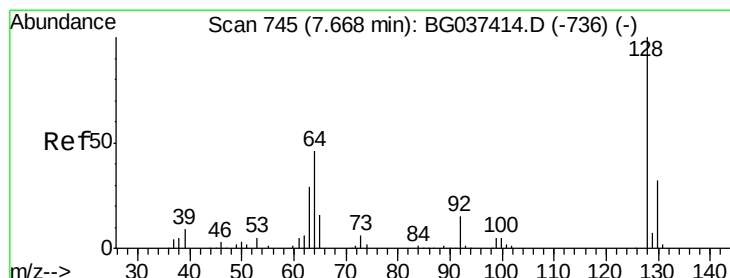
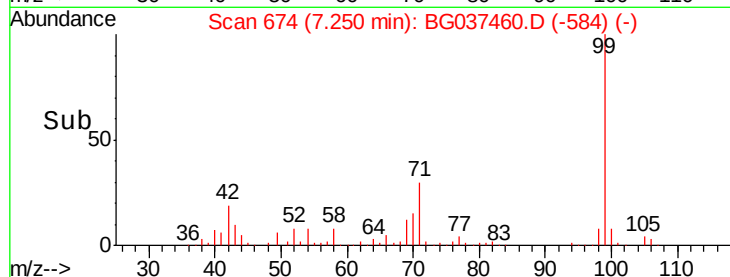
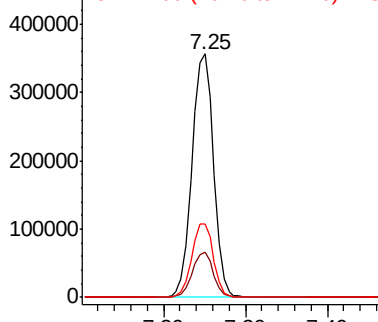
99 100

42 18.8 15.0 22.4

71 30.2 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: 9.365 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

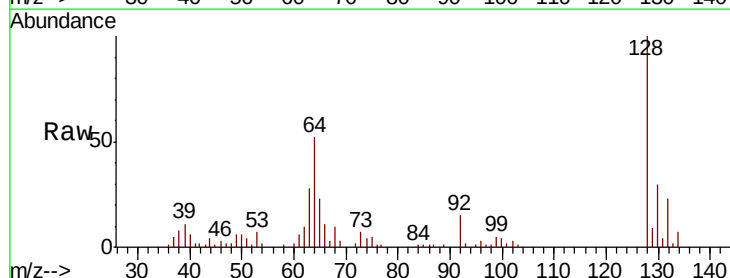
Tgt Ion: 128 Resp: 30269

Ion Ratio Lower Upper

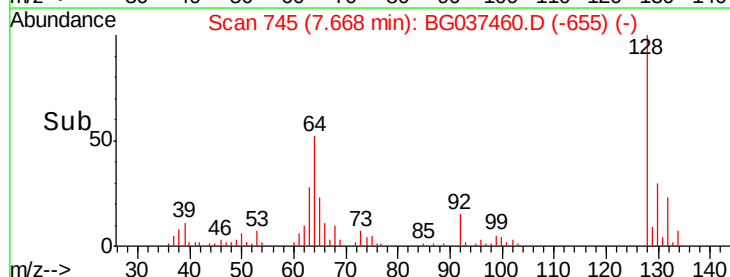
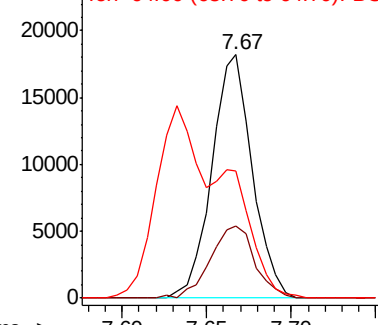
128 100

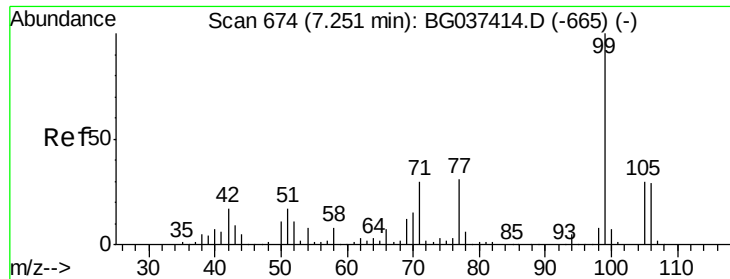
130 29.6 12.0 52.0

64 52.0 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: 8.859 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

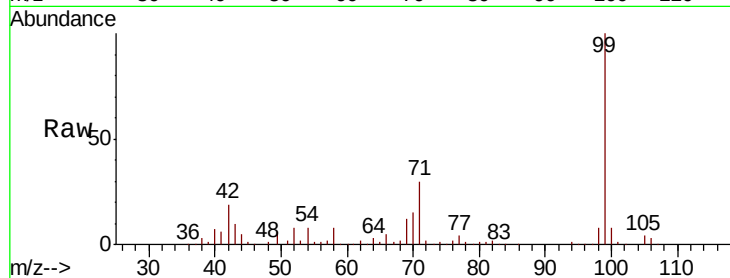
Tgt Ion: 77 Resp: 23152

Ion Ratio Lower Upper

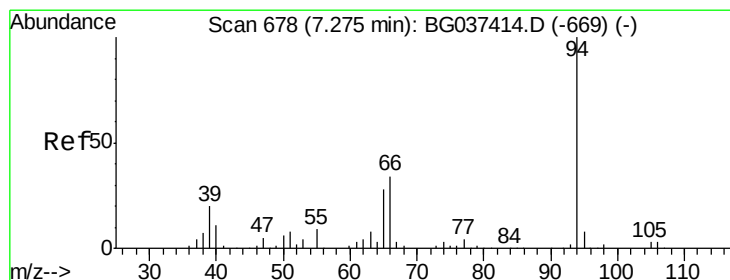
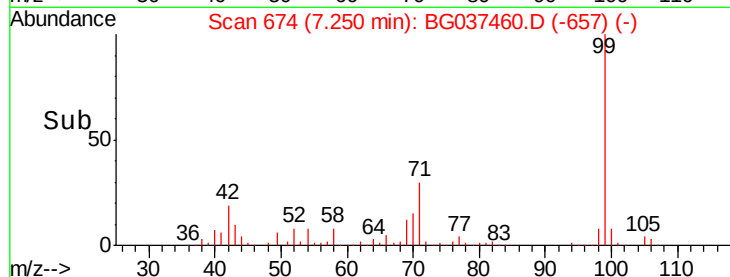
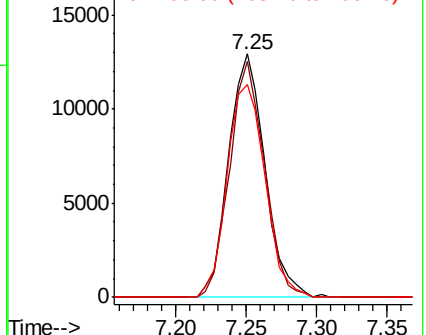
77 100

105 96.9 72.6 112.6

106 87.6 71.3 111.3



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



#10

Phenol

Concen: 9.292 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

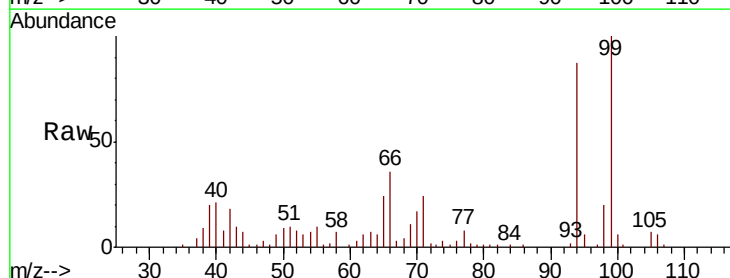
Tgt Ion: 94 Resp: 40960

Ion Ratio Lower Upper

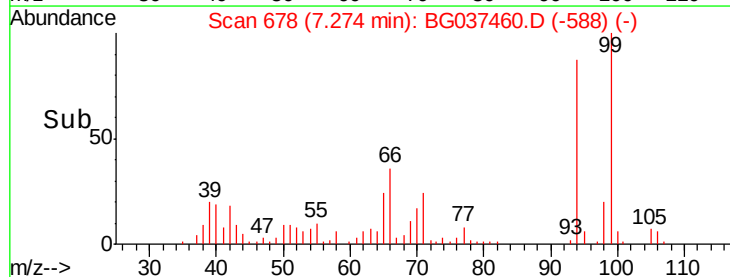
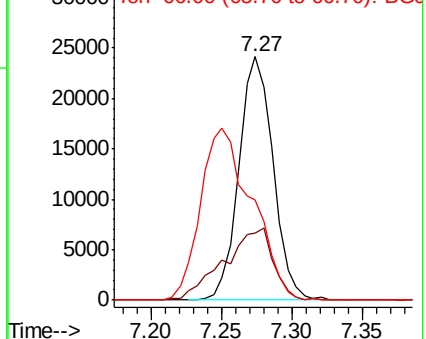
94 100

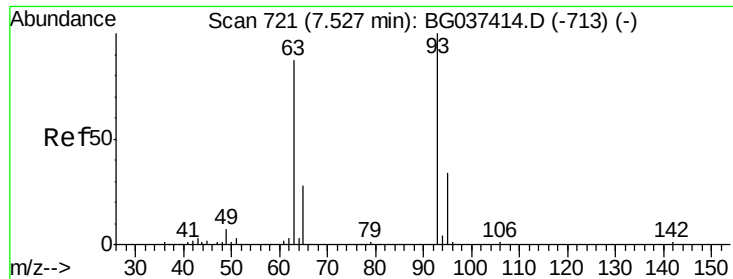
65 27.5 9.7 49.7

66 41.2 15.9 55.9



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



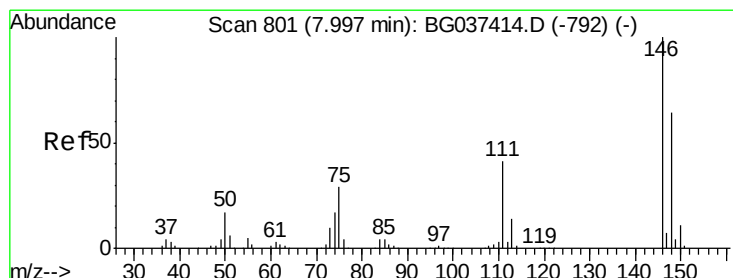
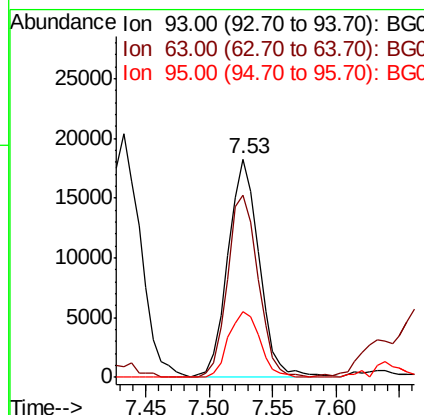
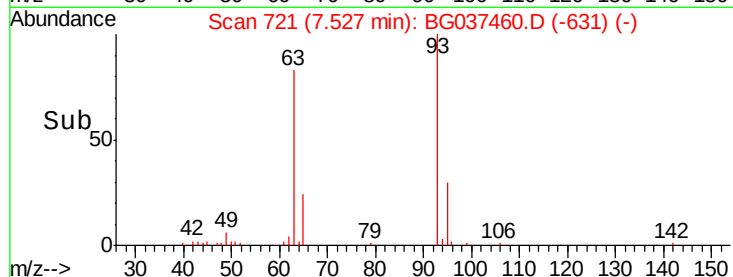
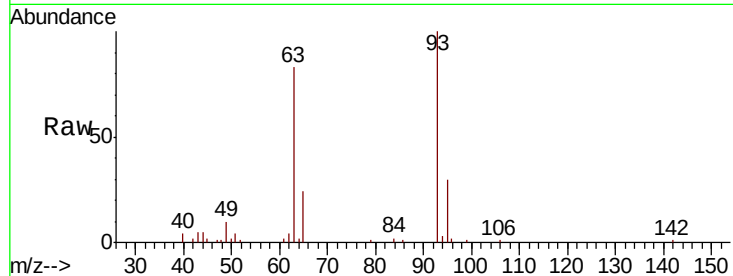


#11
 bis(2-Chloroethyl)ether
 Concen: 9.322 ng
 RT: 7.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion: 93 Resp: 31207

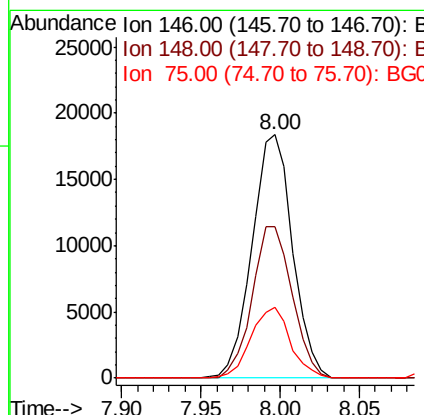
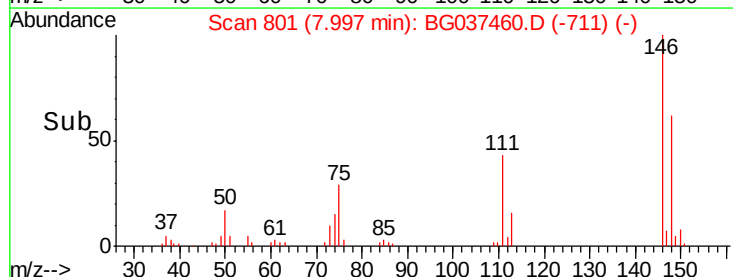
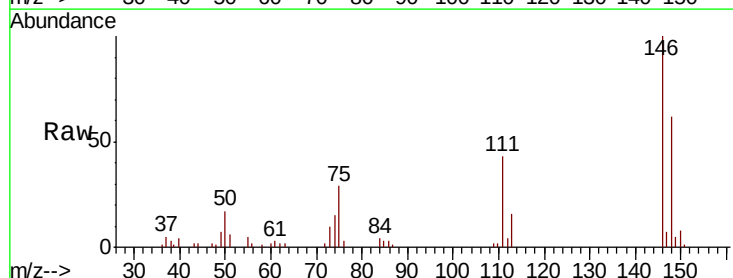
Ion	Ratio	Lower	Upper
93	100		
63	83.3	69.5	109.5
95	30.0	12.6	52.6

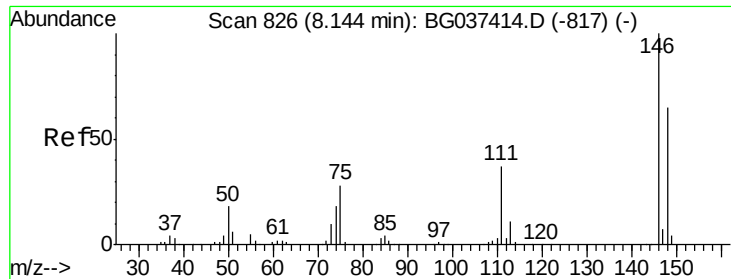


#12
 1,3-Dichlorobenzene
 Concen: 9.050 ng
 RT: 8.00 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion: 146 Resp: 32565

Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.8	74.8
75	29.1	23.2	34.8

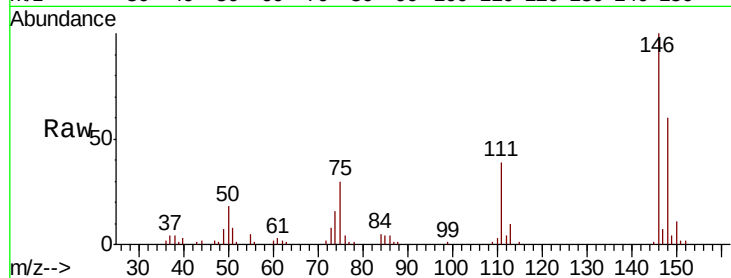




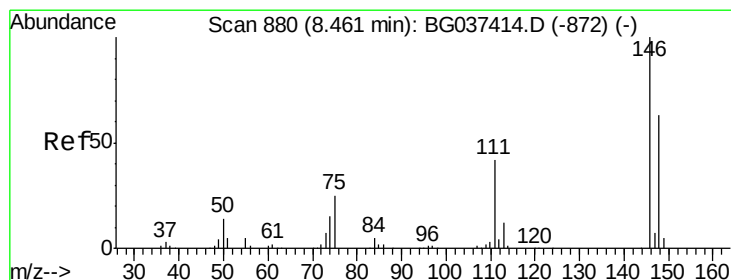
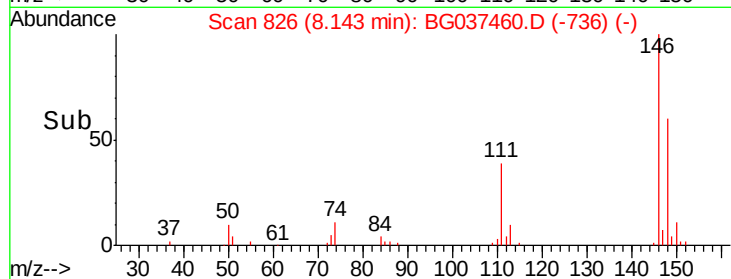
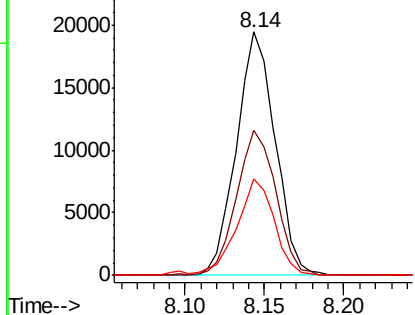
#13
 1,4-Dichlorobenzene
 Concen: 8.943 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion:146 Resp: 32915
 Ion Ratio Lower Upper
 146 100
 148 59.7 51.0 76.6
 111 39.4 32.4 48.6

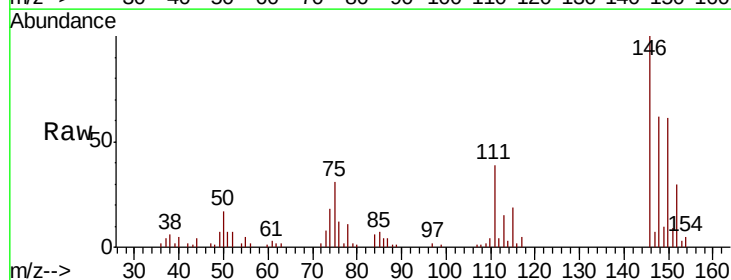


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

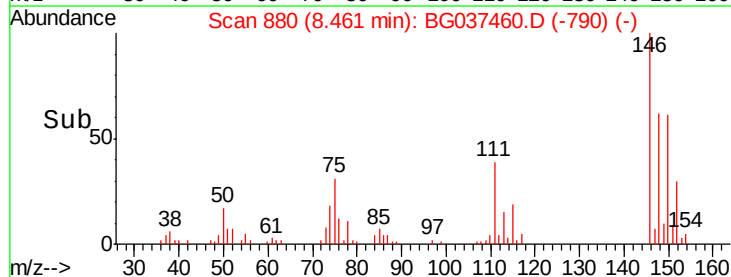
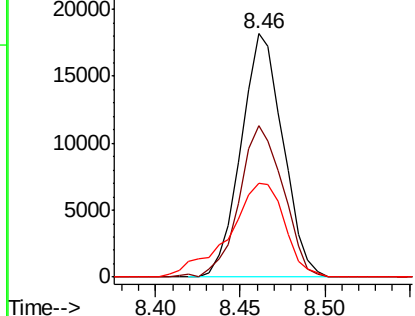


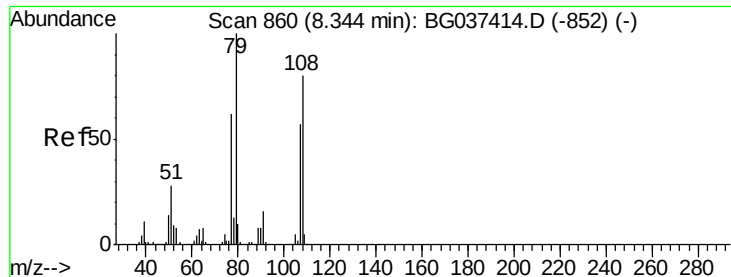
#14
 1,2-Dichlorobenzene
 Concen: 8.861 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:146 Resp: 31374
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.4 75.6
 111 38.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 8.533 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

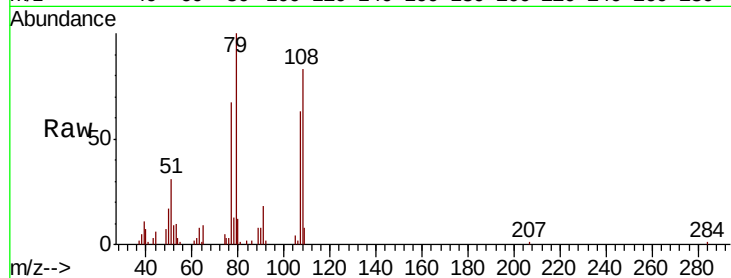
Tgt Ion: 79 Resp: 26340

Ion Ratio Lower Upper

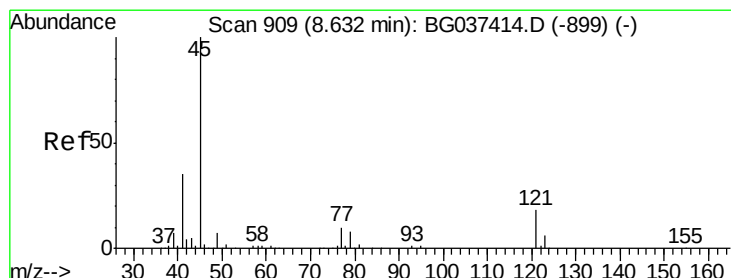
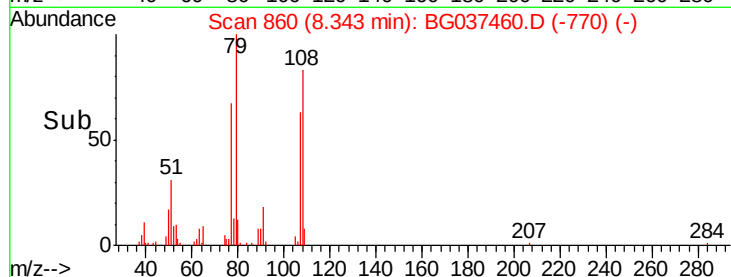
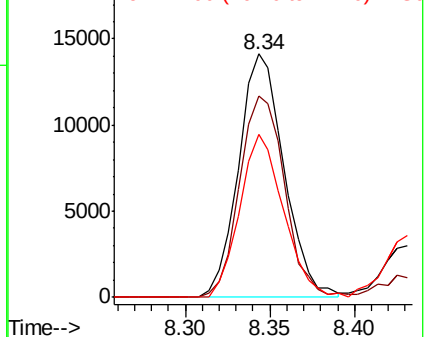
79 100

108 82.6 65.8 98.8

77 66.9 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.184 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

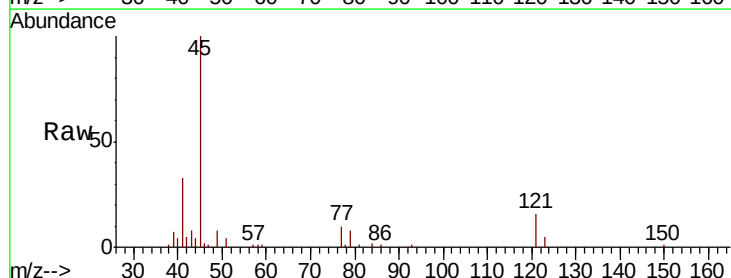
Tgt Ion: 45 Resp: 55016

Ion Ratio Lower Upper

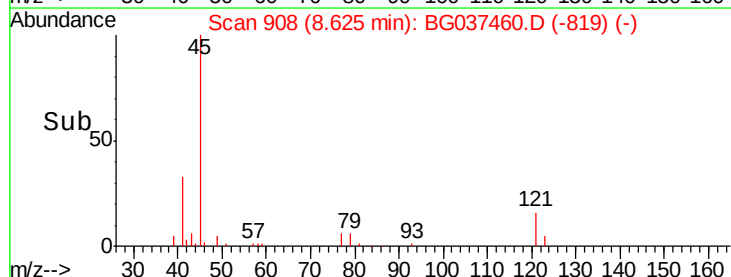
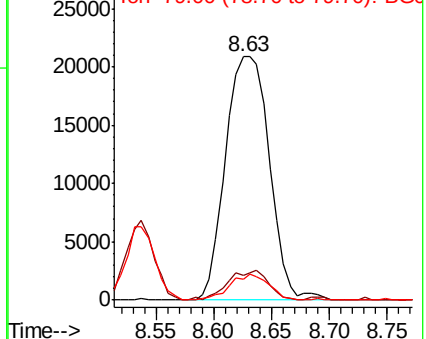
45 100

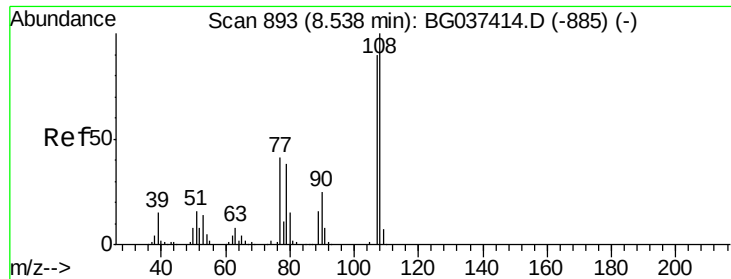
77 10.3 0.0 30.0

79 8.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

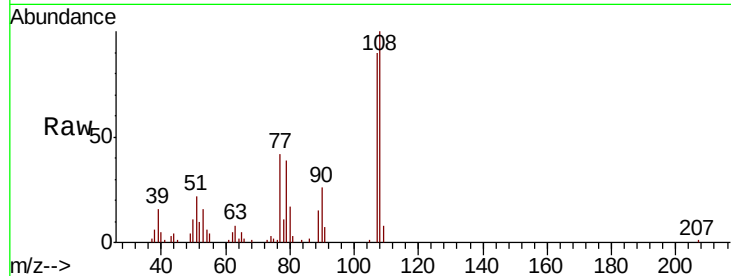




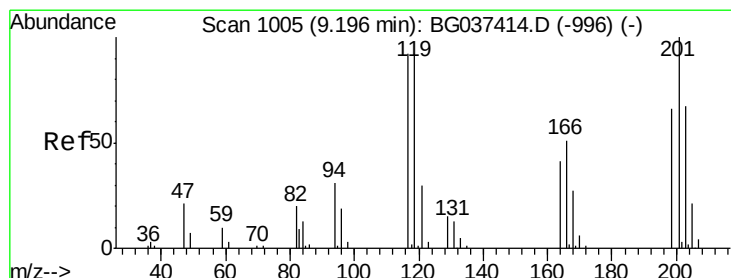
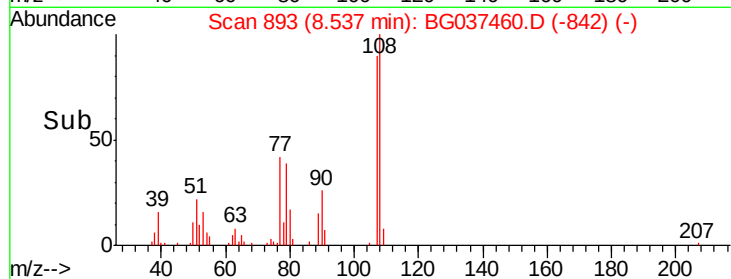
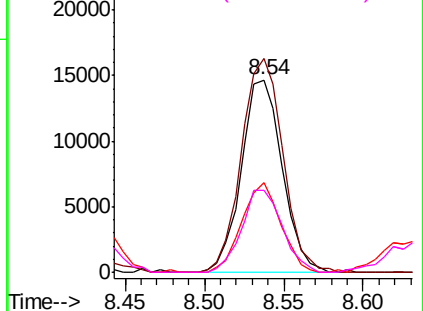
#17
2-Methylphenol
Concen: 9.016 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion:	107	Resp:	26275
Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.9	131.9
77	46.5	35.1	52.7
79	42.8	34.5	51.7

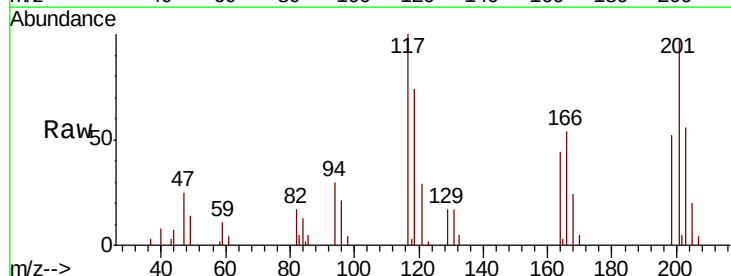


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

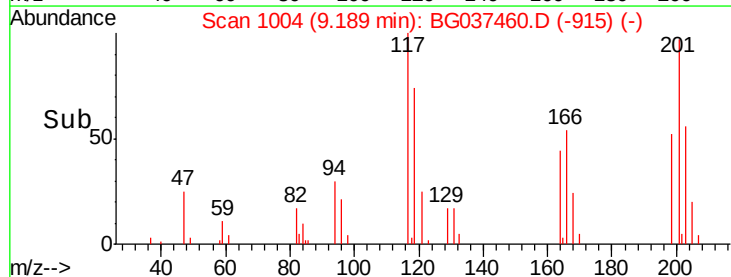
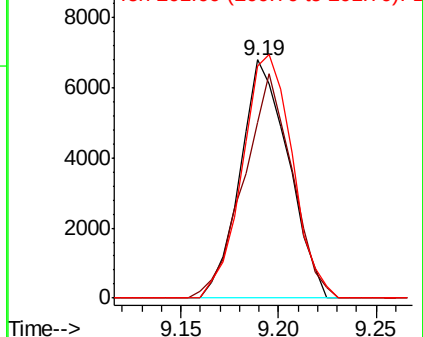


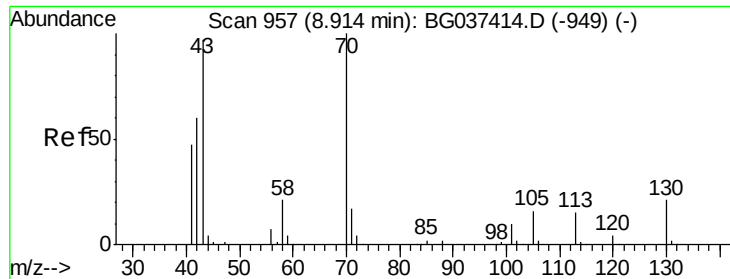
#18
Hexachloroethane
Concen: 9.248 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:	117	Resp:	11604
Ion	Ratio	Lower	Upper
117	100		
119	72.0	74.6	111.8#
201	99.7	80.8	121.2



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

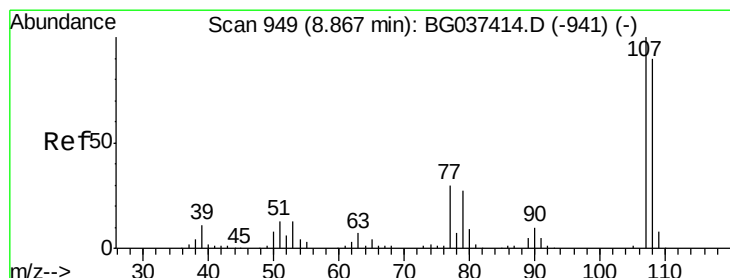
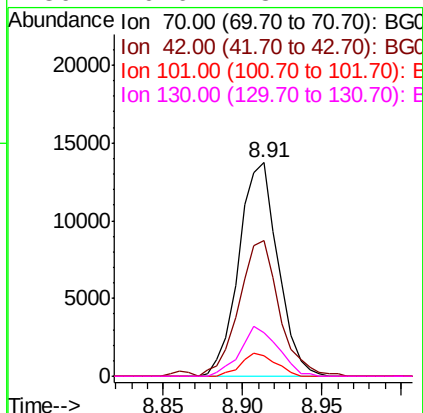
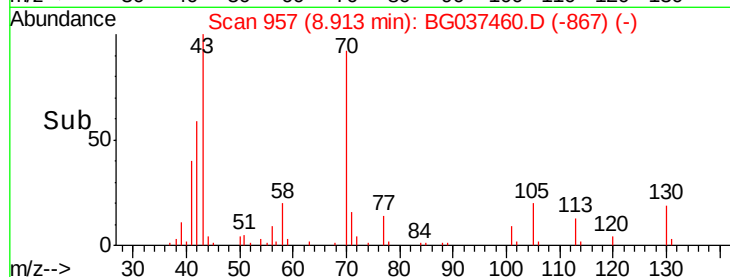
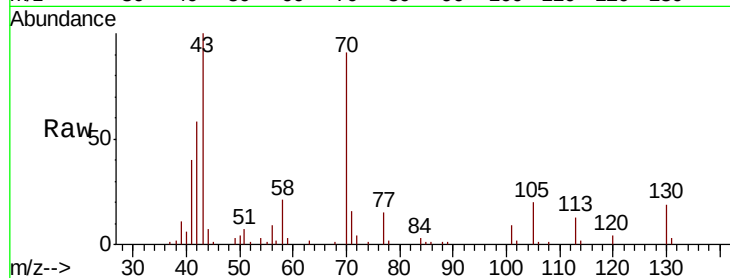




#19
n-Nitroso-di-n-propylamine
Concen: 8.190 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

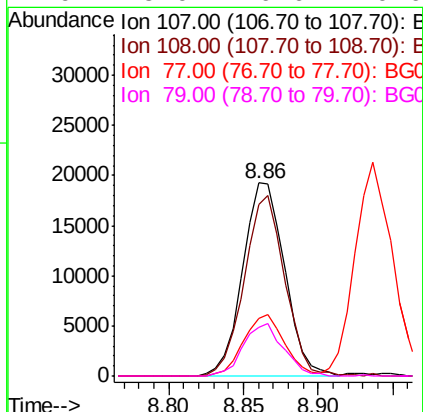
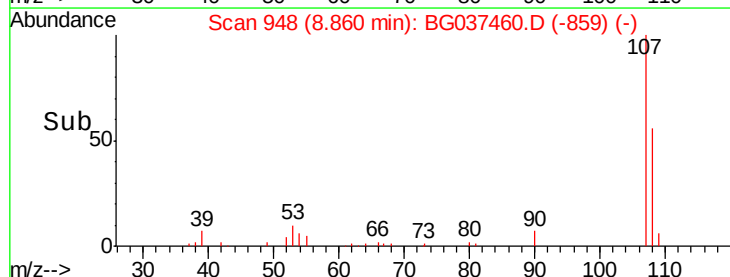
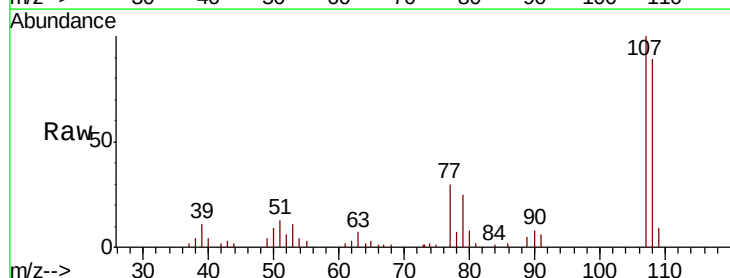
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

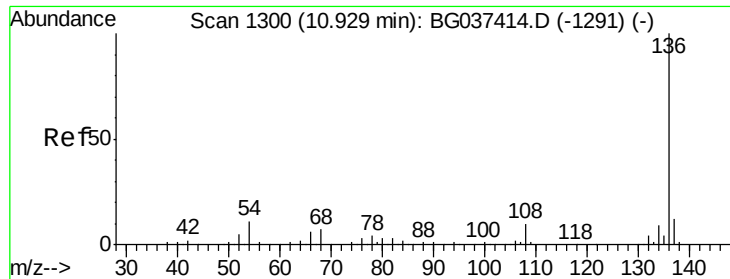
Tgt Ion:	70	Resp:	23561
Ion	Ratio	Lower	Upper
70	100		
42	63.8	53.9	80.9
101	9.7	8.2	12.2
130	20.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 8.999 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:	107	Resp:	37492
Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	29.6	11.2	51.2
79	25.0	6.6	46.6

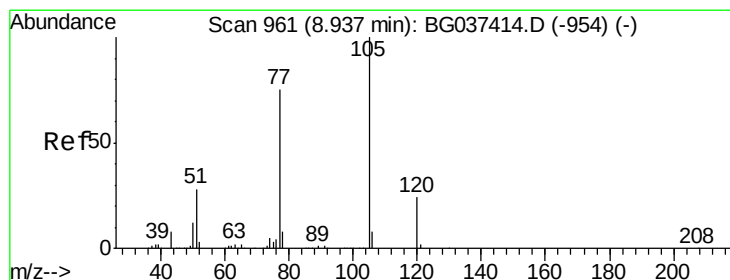
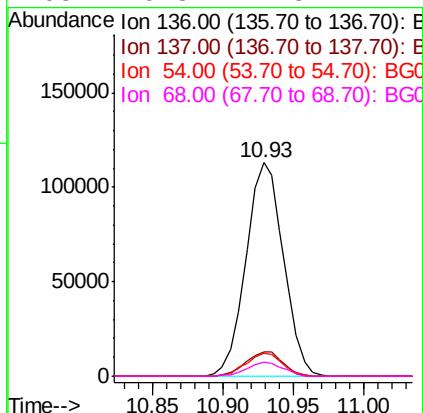
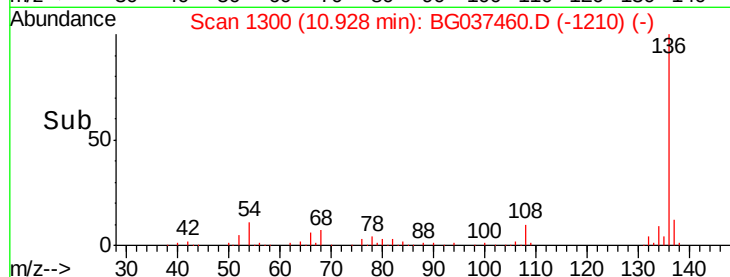
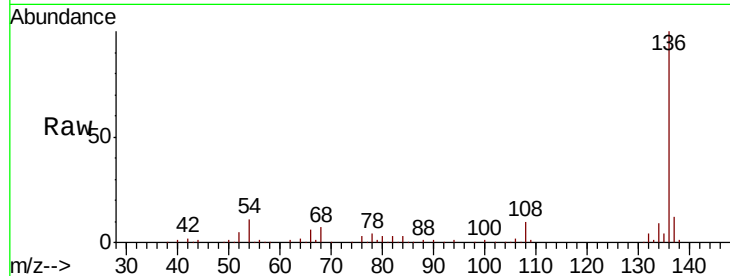




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

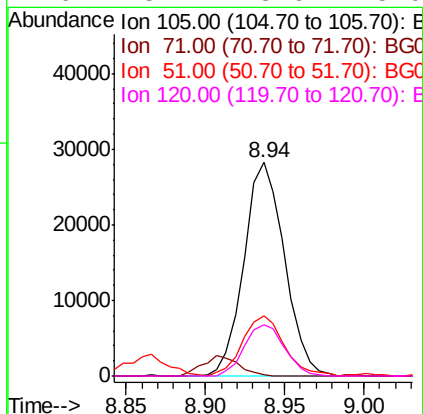
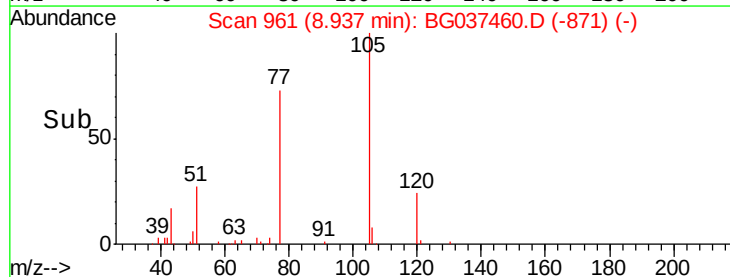
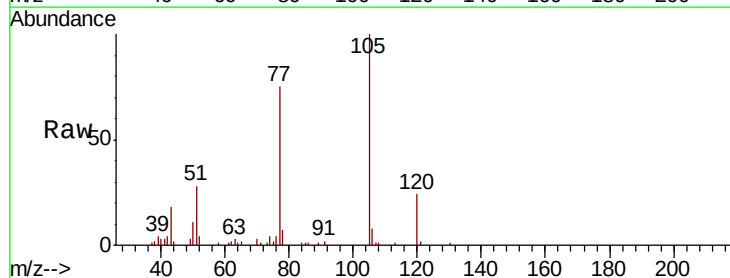
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

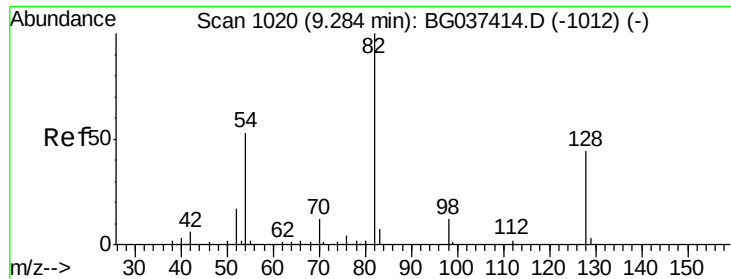
Tgt Ion:	136	Resp:	210437
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.9	7.9	11.9
68	6.8	4.8	7.2



#22
Acetophenone
Concen: 9.493 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:	105	Resp:	50099
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	28.4	25.0	37.6
120	23.7	18.6	28.0

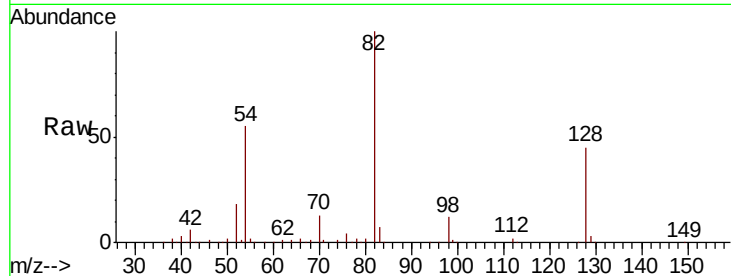




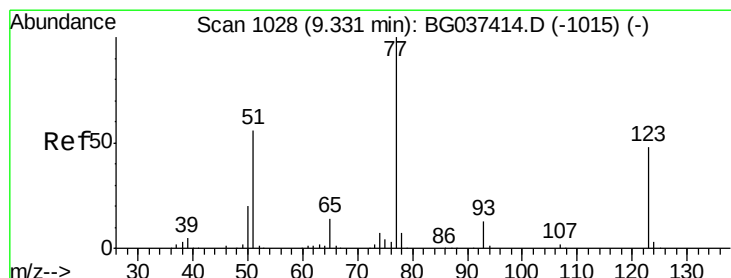
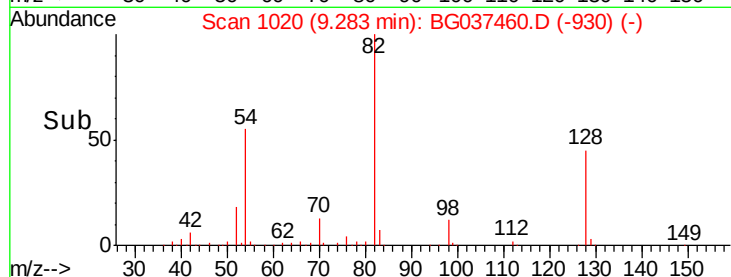
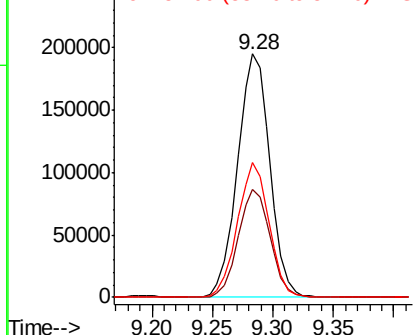
#23
Nitrobenzene-d5
Concen: 96.722 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion: 82 Resp: 363339
Ion Ratio Lower Upper
82 100
128 44.6 34.6 51.8
54 55.4 45.3 67.9

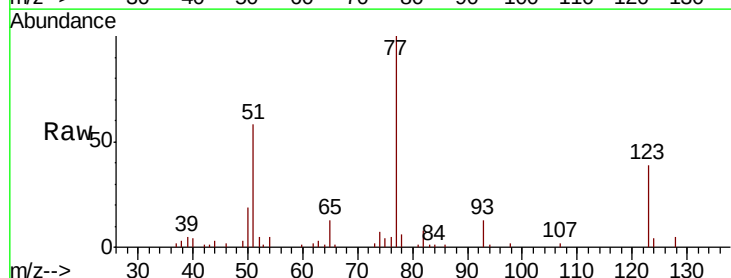


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

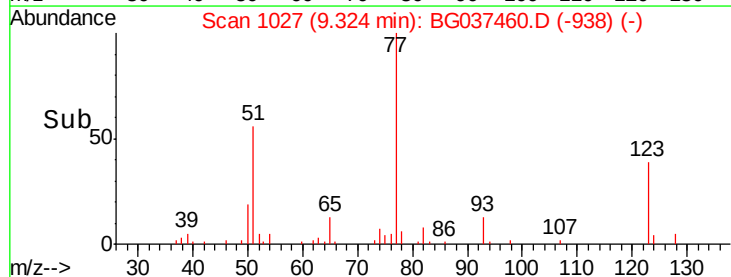
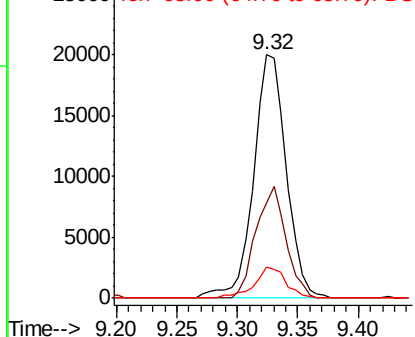


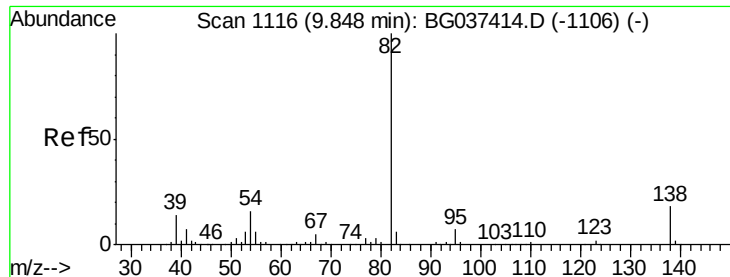
#24
Nitrobenzene
Concen: 9.609 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion: 77 Resp: 37500
Ion Ratio Lower Upper
77 100
123 39.0 33.6 50.4
65 12.7 11.3 16.9



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





#25

Isophorone

Concen: 10.025 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

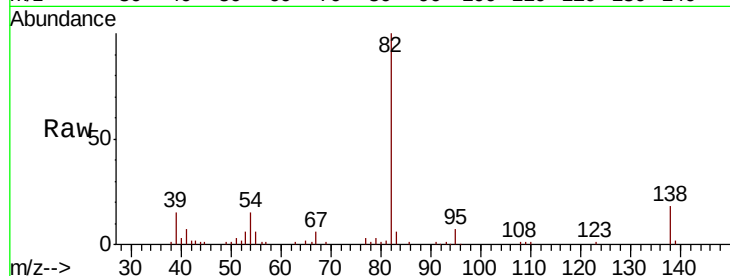
Tgt Ion: 82 Resp: 68811

Ion Ratio Lower Upper

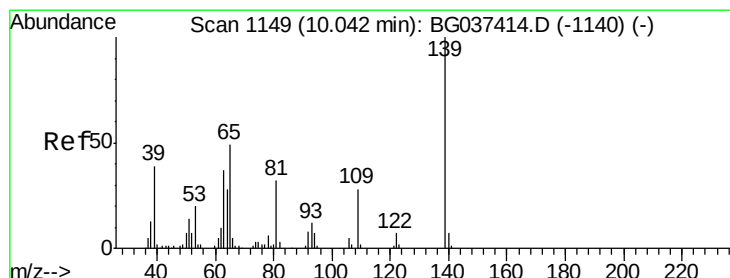
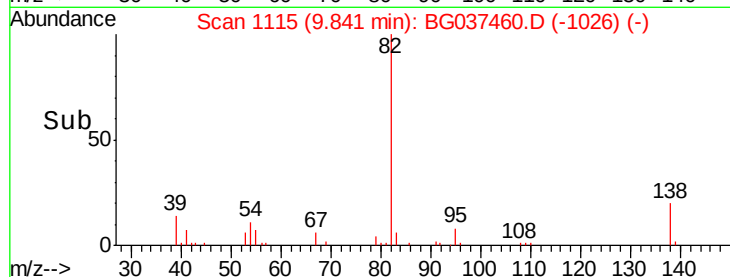
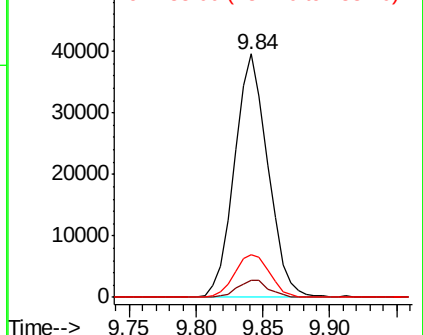
82 100

95 6.8 5.3 7.9

138 17.7 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: 8.114 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

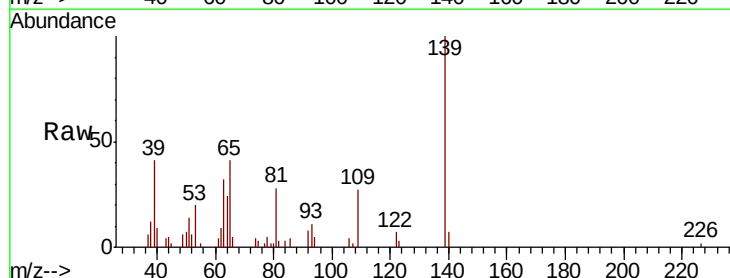
Tgt Ion: 139 Resp: 14265

Ion Ratio Lower Upper

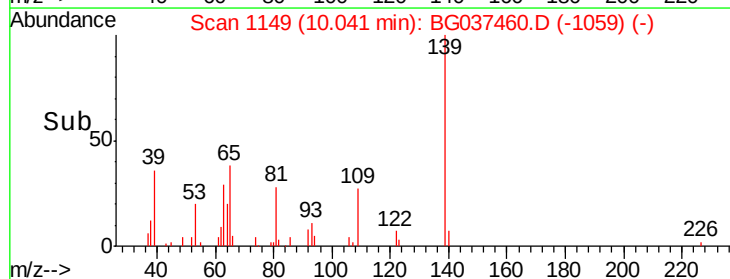
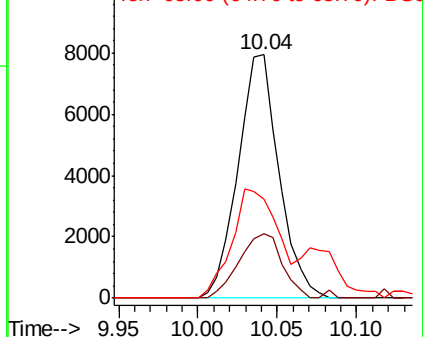
139 100

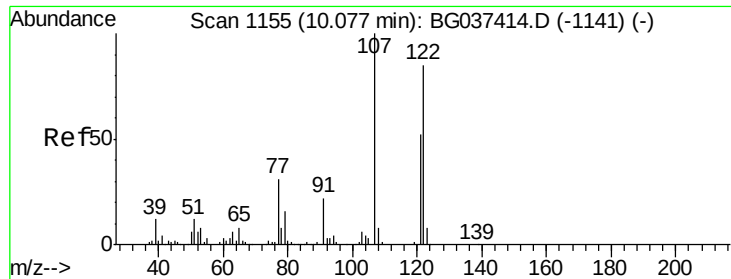
109 26.5 23.3 34.9

65 40.8 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

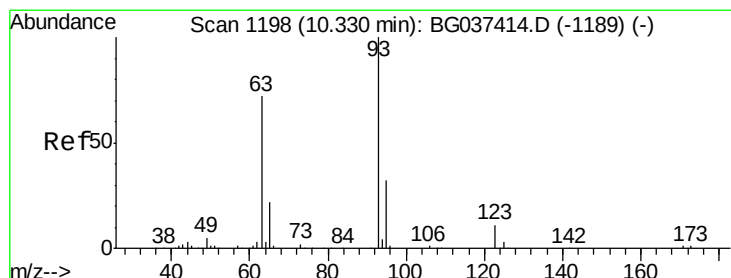
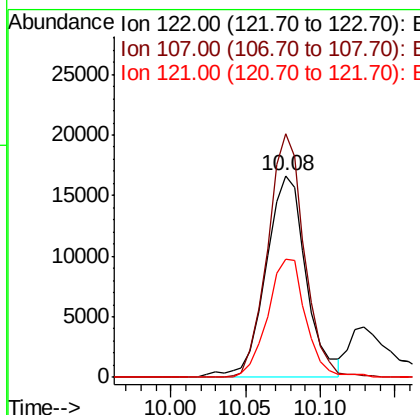
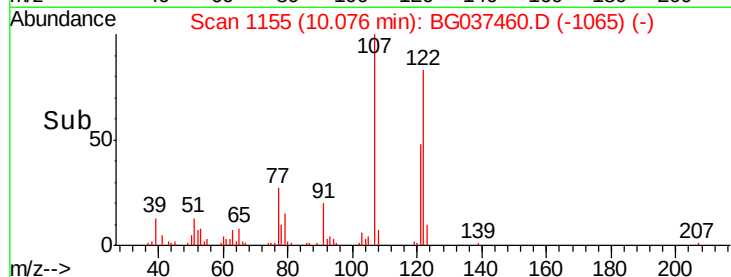
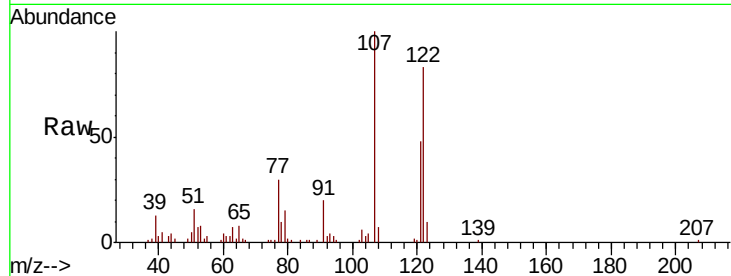




#27
 2,4-Dimethylphenol
 Concen: 9.949 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

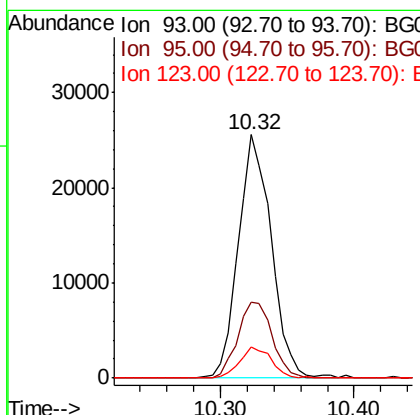
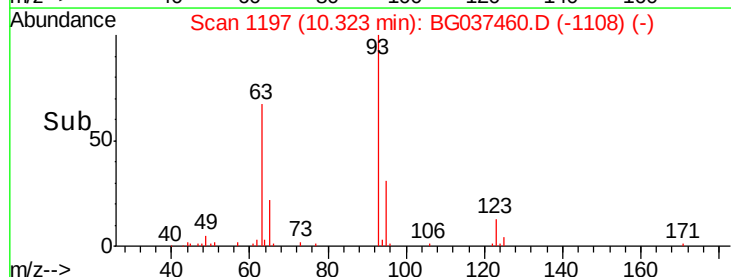
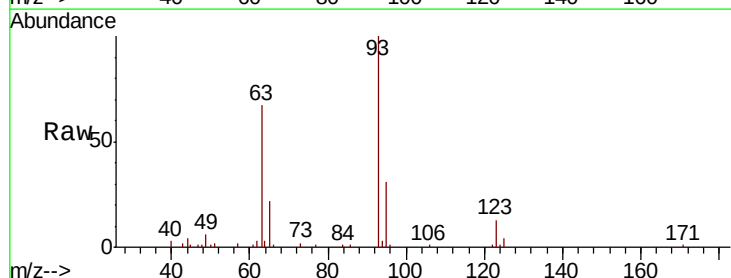
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

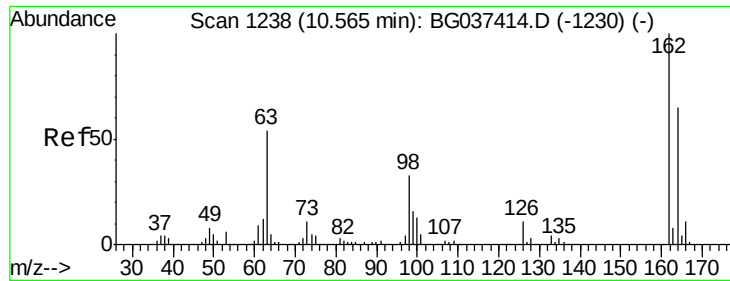
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.5	94.2	141.2
121	58.3	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.707 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	24.6	37.0
123	12.8	9.1	13.7

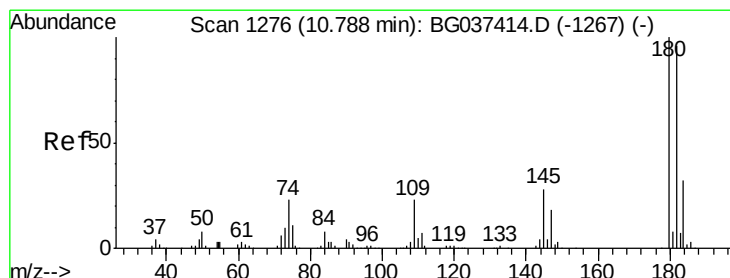
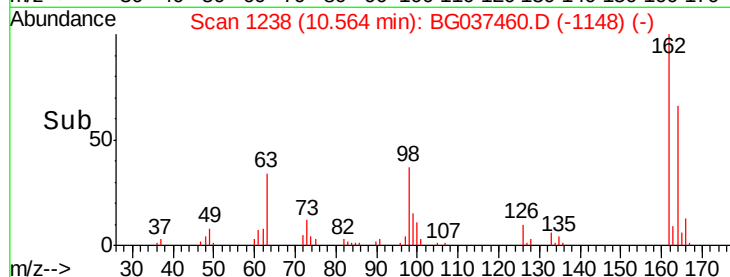
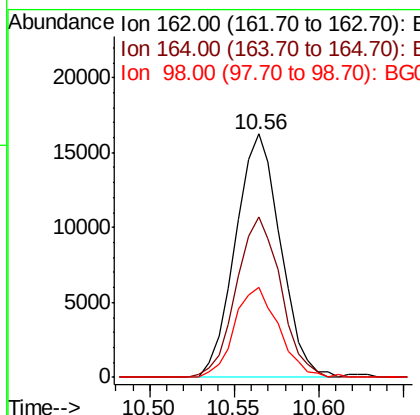
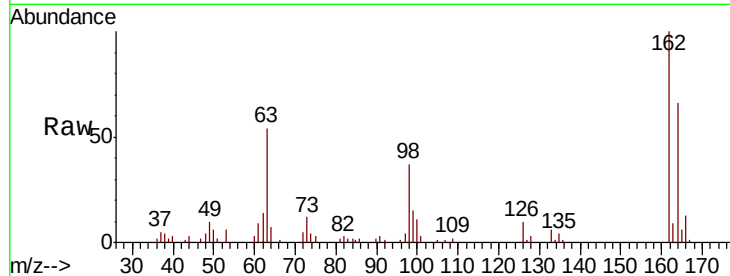




#29
 2,4-Dichlorophenol
 Concen: 8.614 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

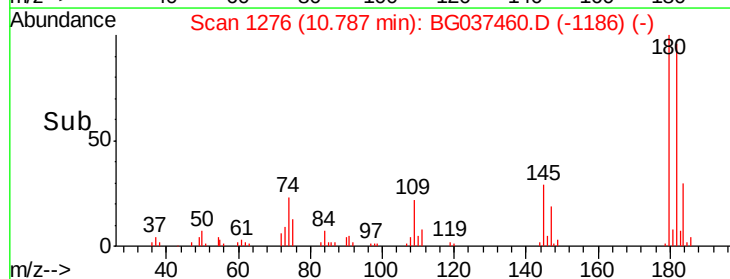
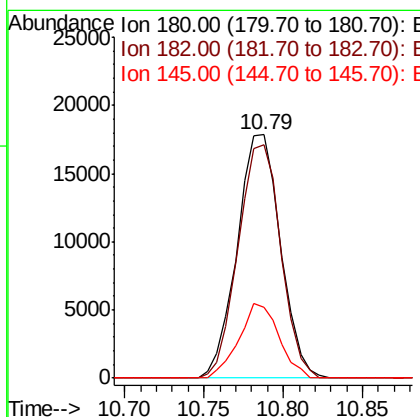
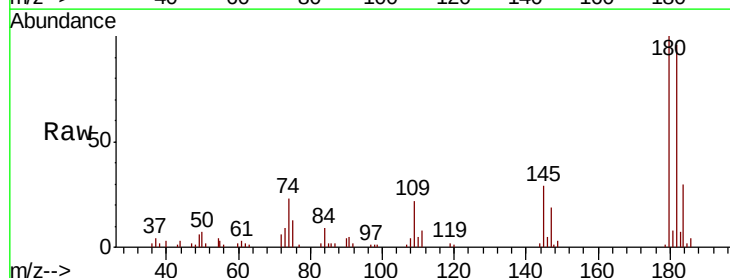
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

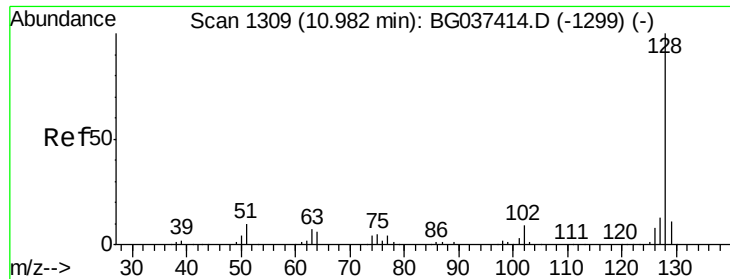
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.2	83.2
98	37.2	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 8.907 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.7	116.5
145	29.2	23.3	34.9

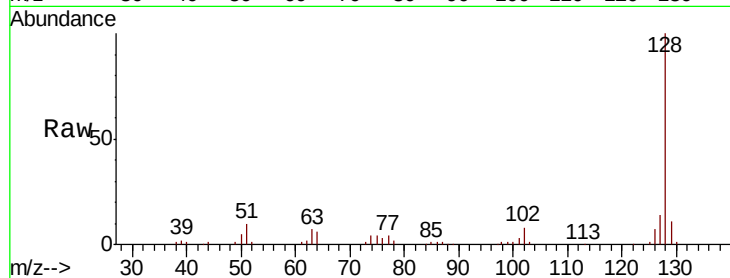




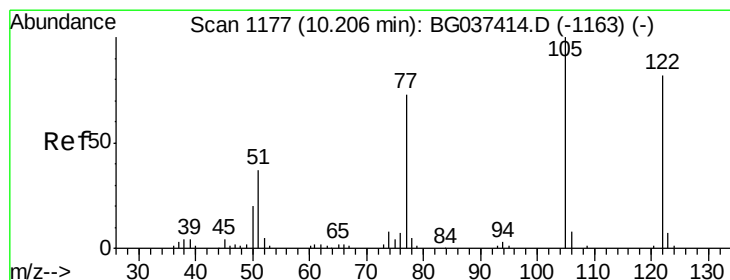
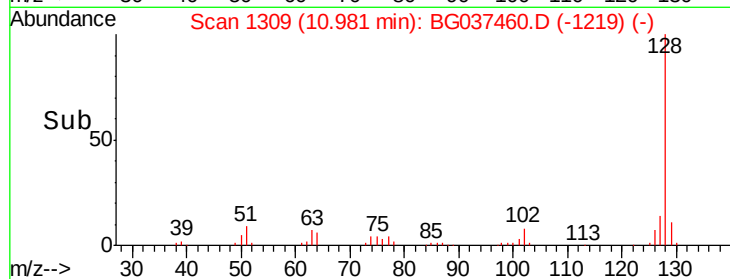
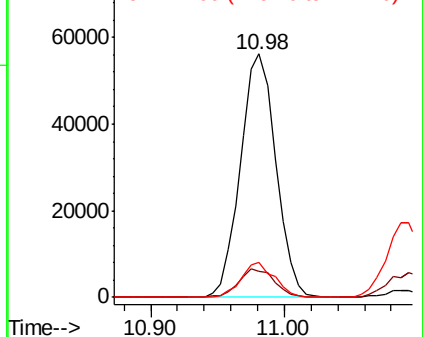
#31
Naphthalene
Concen: 9.993 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion:128 Resp: 103290
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.4 11.1 16.7

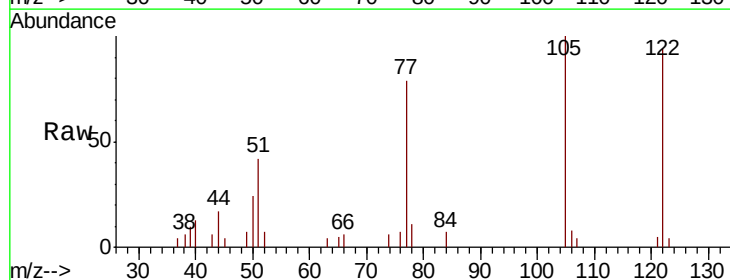


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

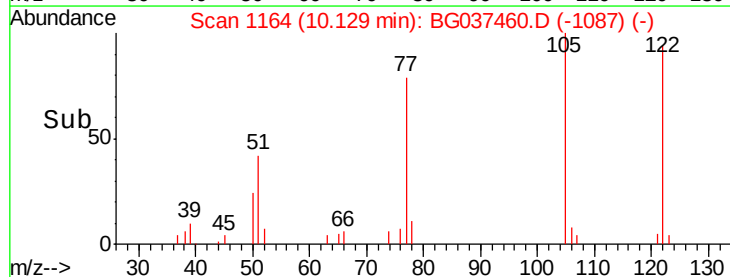
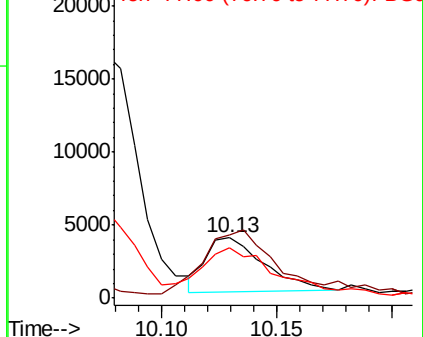


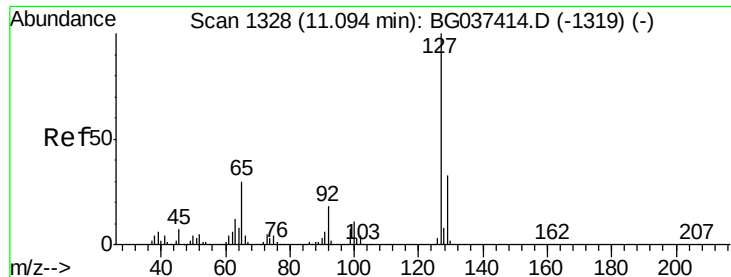
#32
Benzoic acid
Concen: 3.211 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:122 Resp: 6547
Ion Ratio Lower Upper
122 100
105 105.9 106.7 146.7#
77 83.3 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

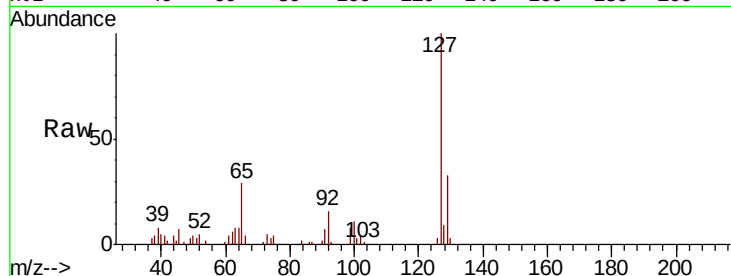




#33
4-Chloroaniline
Concen: 6.875 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion:	127	Resp:	33387
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.1	40.7
65	29.4	26.6	39.8
92	16.2	16.4	24.6



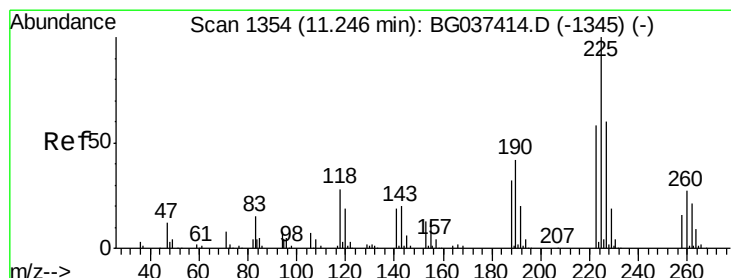
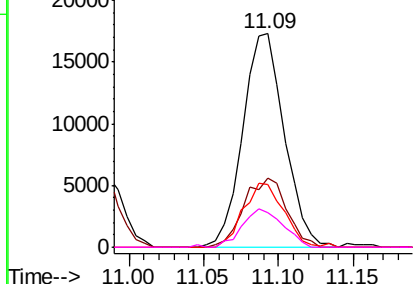
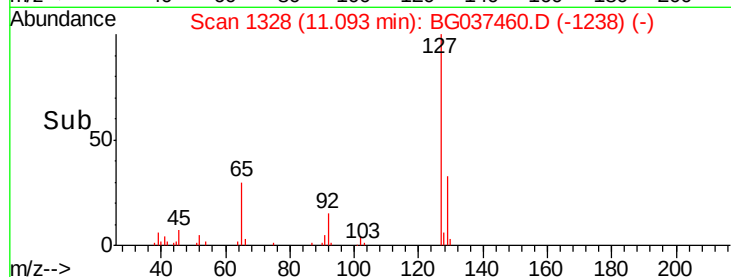
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

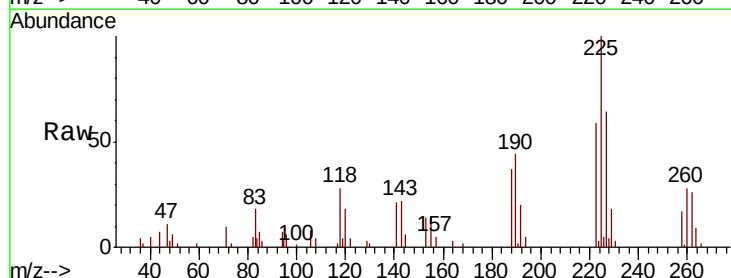
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 9.125 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:	225	Resp:	20554
Ion	Ratio	Lower	Upper
225	100		
223	59.2	48.2	72.4
227	64.9	51.6	77.4

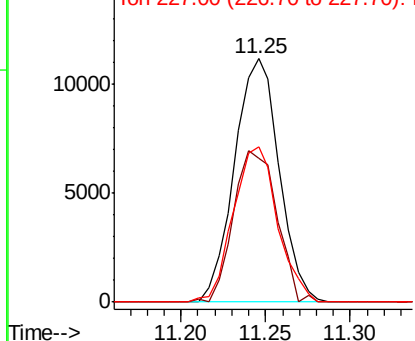
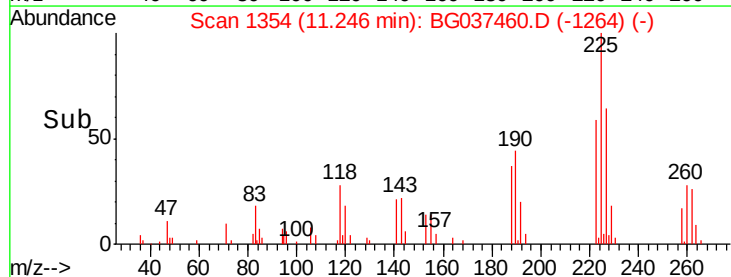


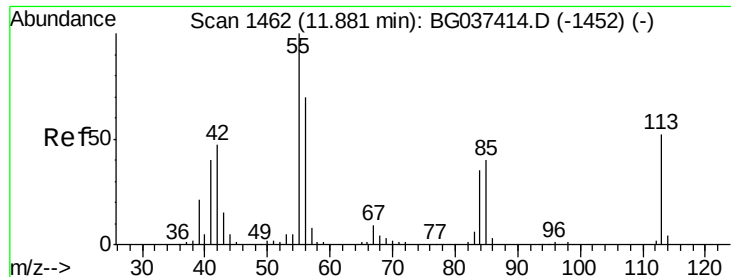
Abundance

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: 7.726 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

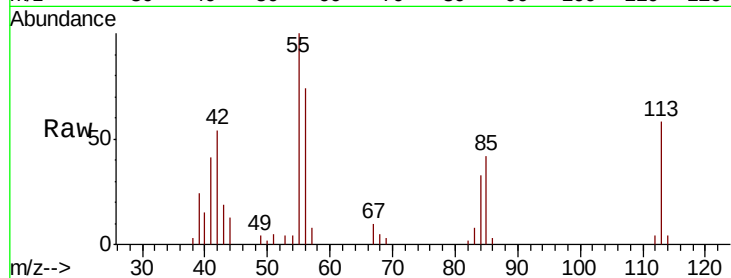
Tgt Ion:113 Resp: 10830

Ion Ratio Lower Upper

113 100

55 173.9 176.6 216.6#

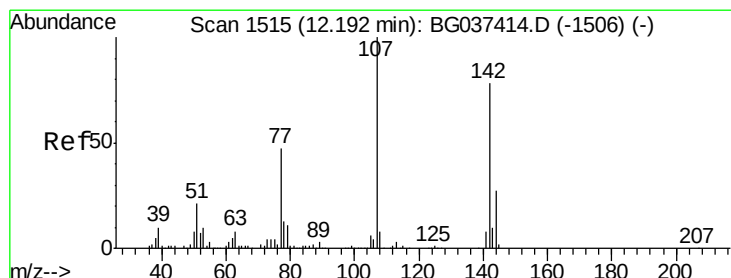
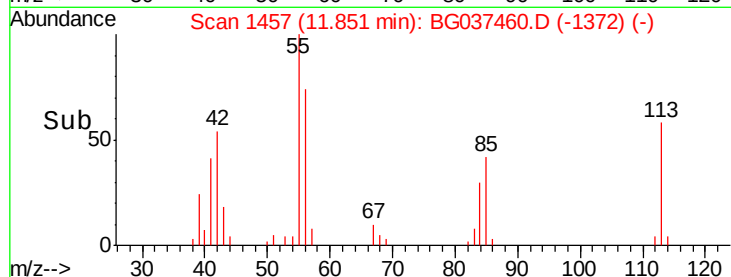
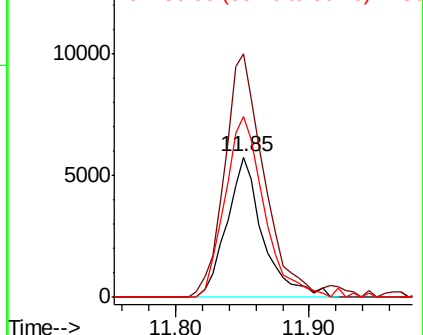
56 129.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037414.D (-1452) (-)

Ion 56.00 (55.70 to 56.70): BG037414.D (-1452) (-)



#36

4-Chloro-3-methylphenol

Concen: 8.821 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

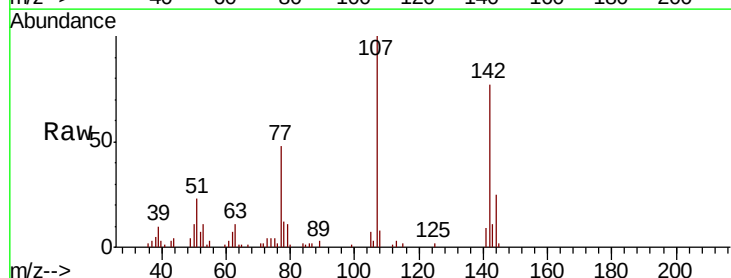
Tgt Ion:107 Resp: 34766

Ion Ratio Lower Upper

107 100

144 25.1 20.7 31.1

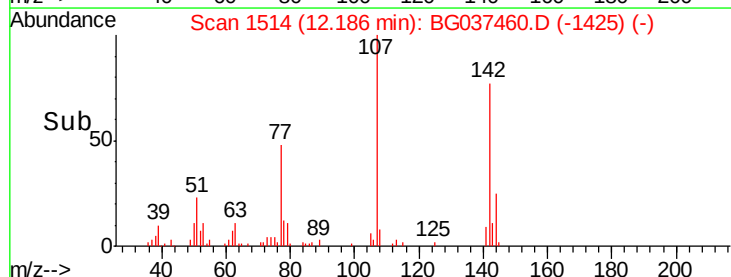
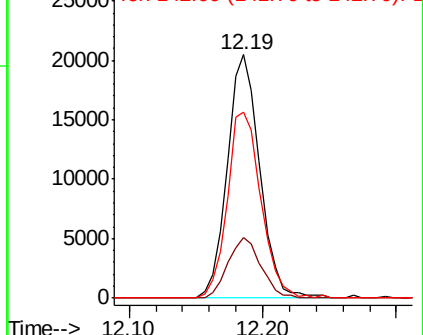
142 76.6 64.4 96.6

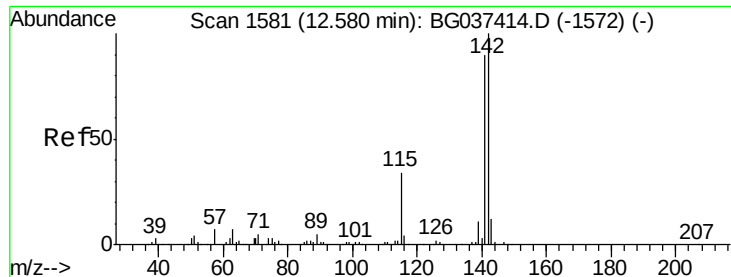


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

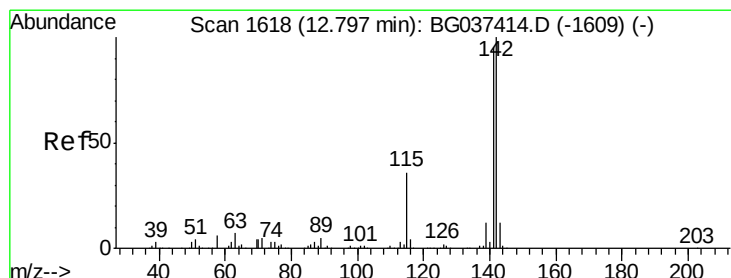
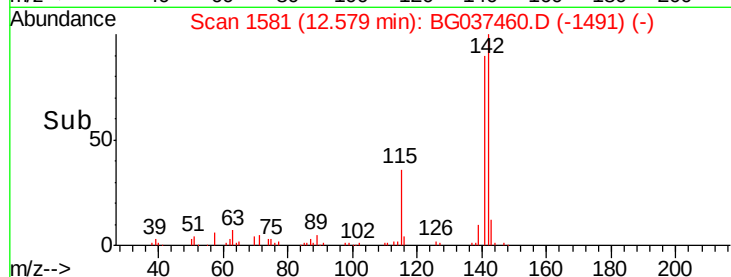
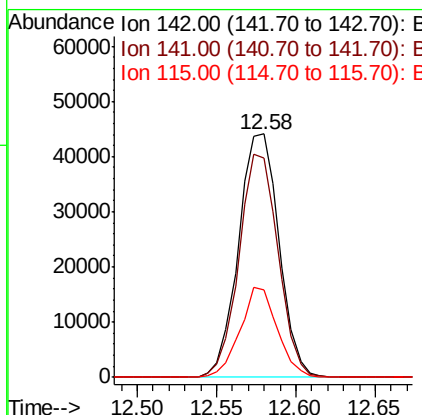
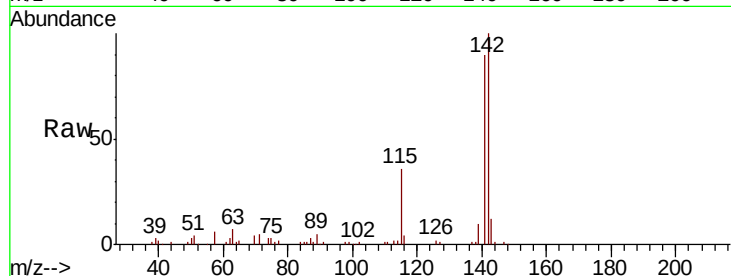




#37
 2-Methylnaphthalene
 Concen: 10.388 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

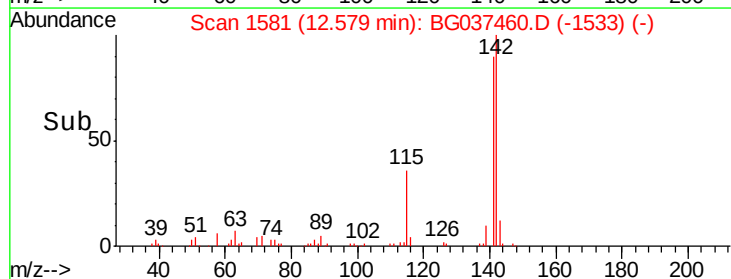
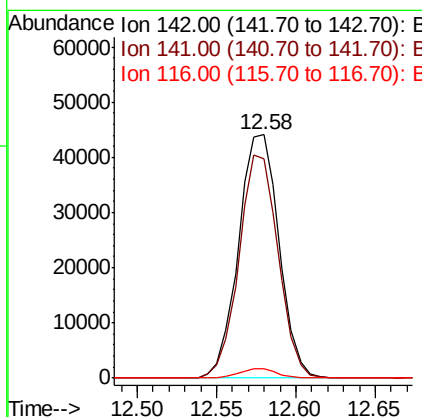
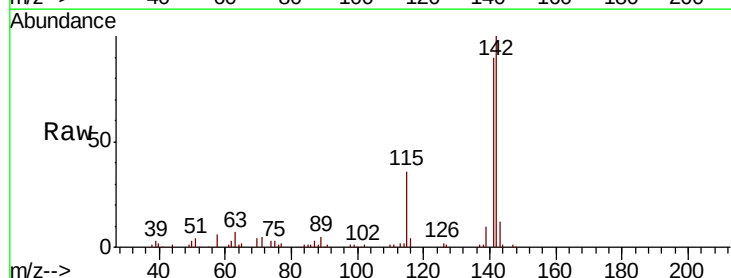
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

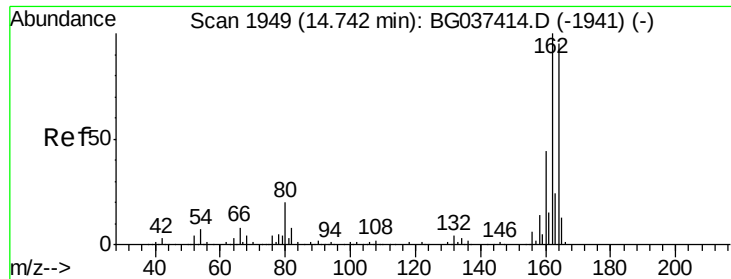
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	35.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 10.696 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.22 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.2	112.8
116	3.8	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: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

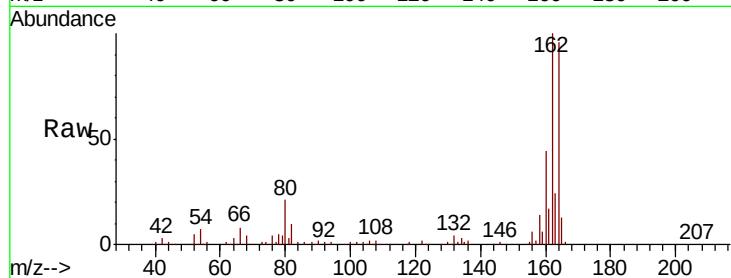
Tgt Ion:164 Resp: 137389

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 45.2 36.3 54.5

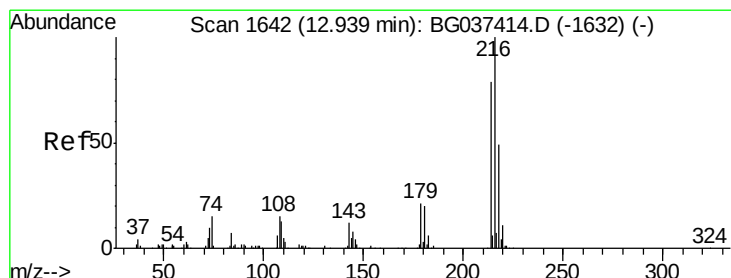
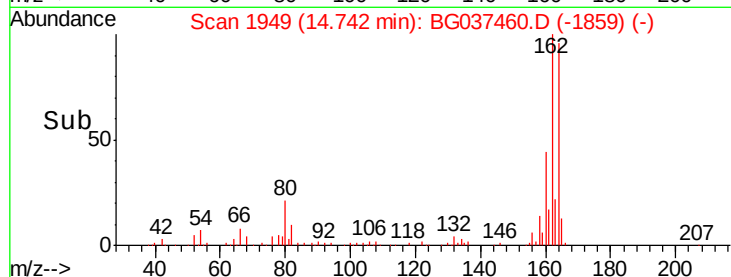
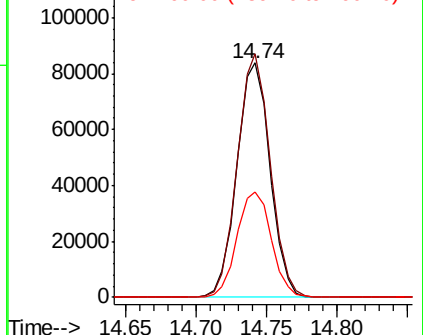


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.841 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Tgt Ion:216 Resp: 39179

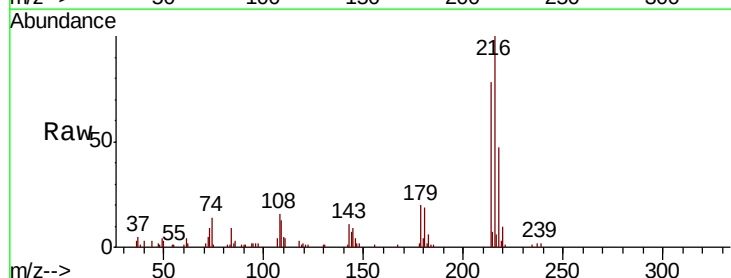
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 21.3 17.4 26.0

108 17.9 13.9 20.9



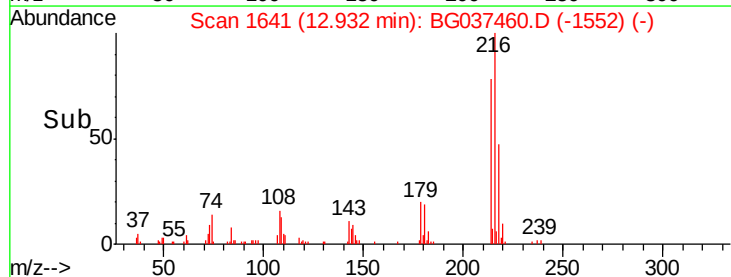
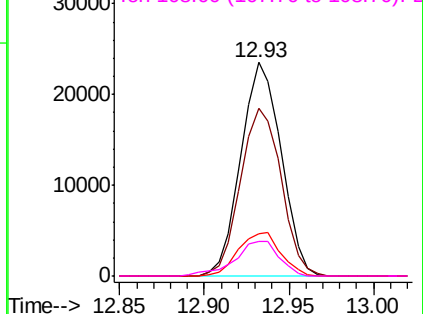
Abundance

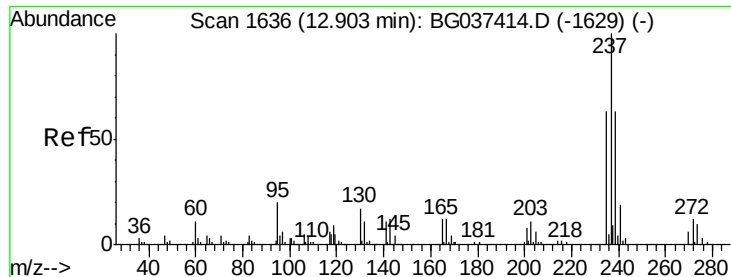
Ion 216.00 (215.70 to 216.70): E

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: 9.513 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

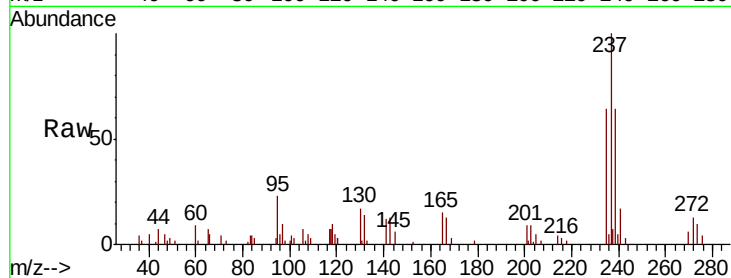
Tgt Ion:237 Resp: 20137

Ion Ratio Lower Upper

237 100

235 64.2 42.5 82.5

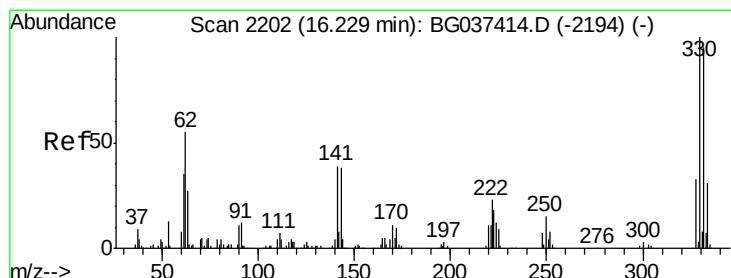
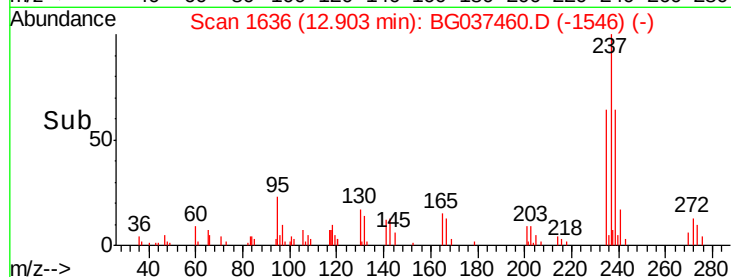
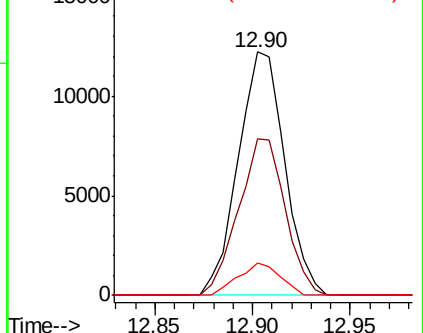
272 13.2 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 163.888 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

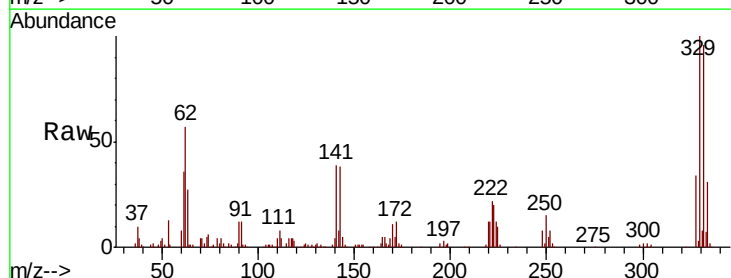
Tgt Ion:330 Resp: 245584

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

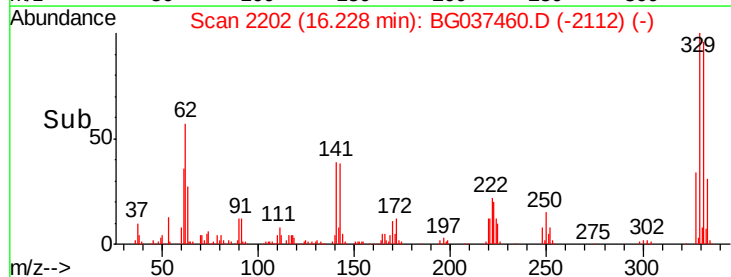
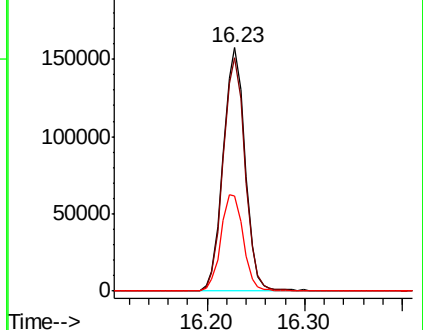
141 40.6 32.2 48.2

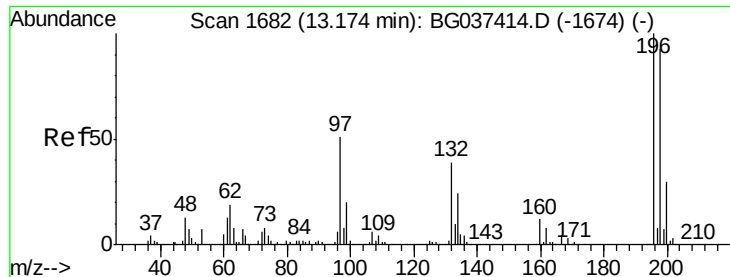


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

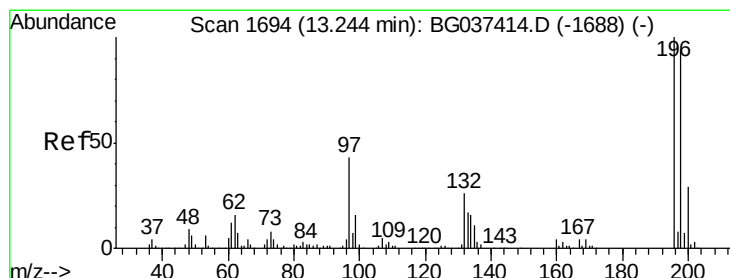
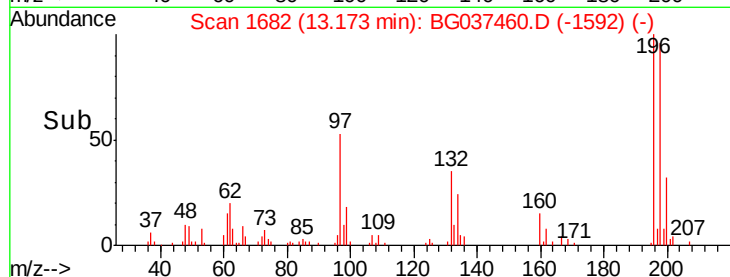
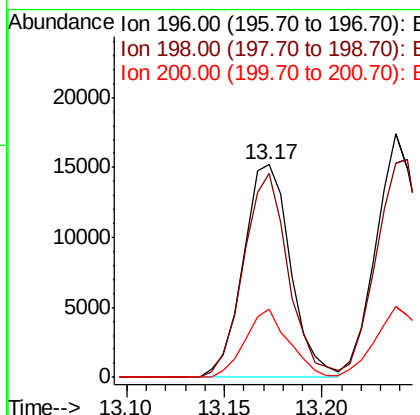
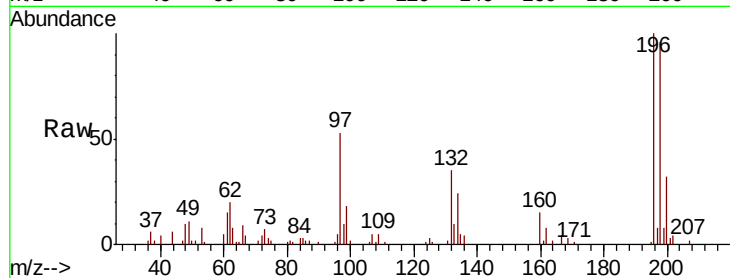




#43
 2,4,6-Trichlorophenol
 Concen: 8.599 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

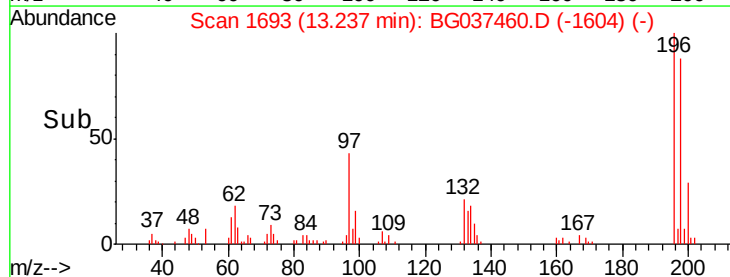
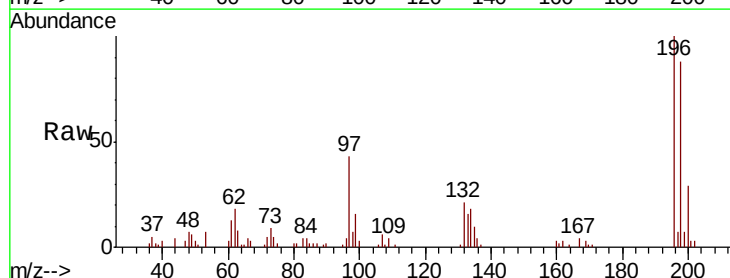
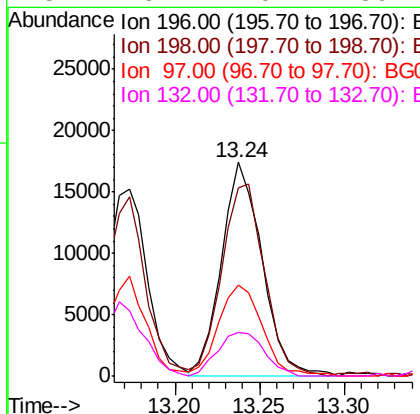
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

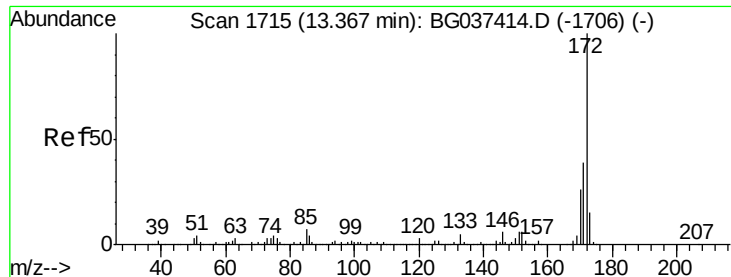
Tgt Ion:196 Resp: 25458
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.4 114.6
 200 31.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 9.044 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:196 Resp: 29153
 Ion Ratio Lower Upper
 196 100
 198 88.1 74.2 111.2
 97 42.8 34.1 51.1
 132 20.7 20.2 30.4

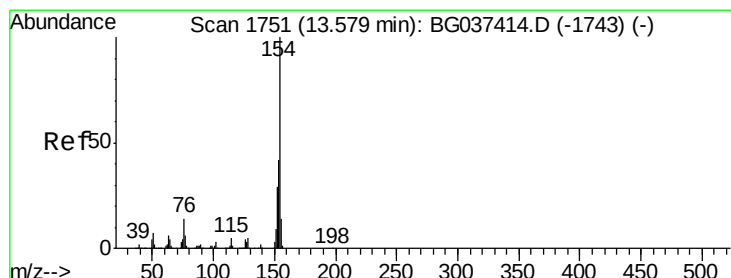
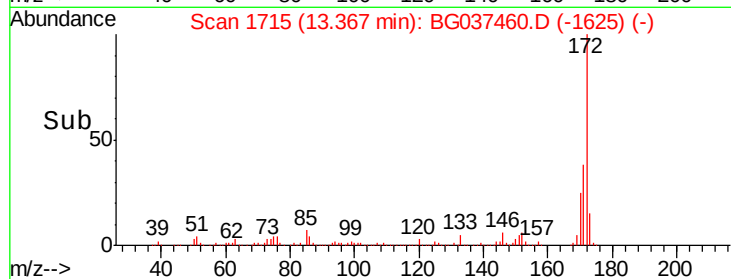
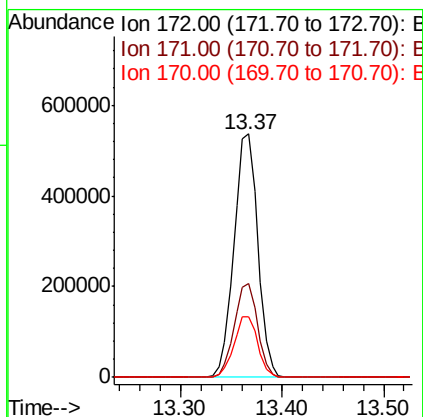
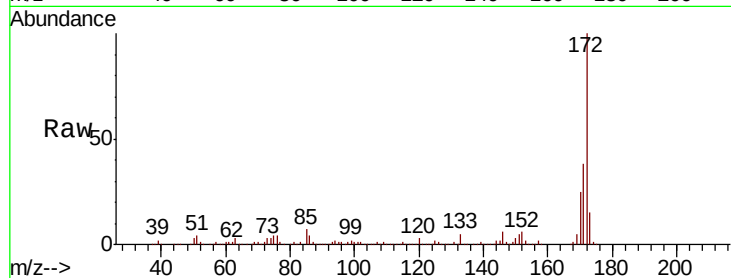




#45
2-Fluorobiphenyl
Concen: 96.021 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

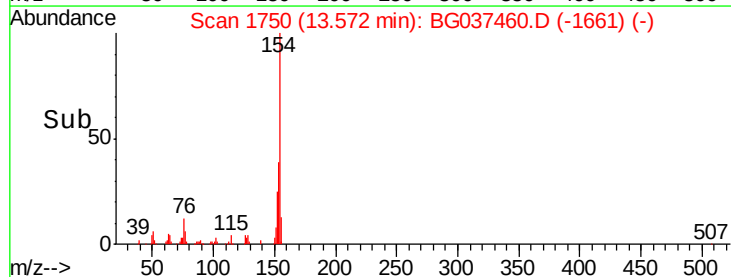
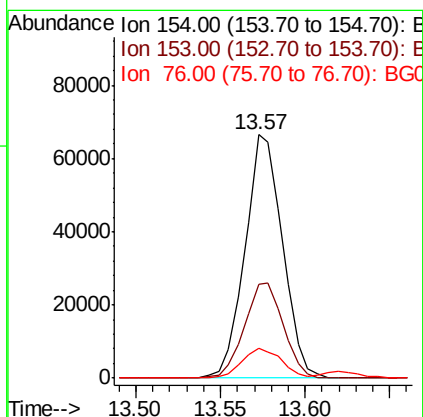
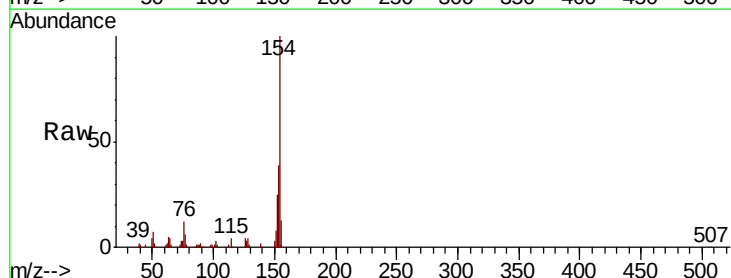
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

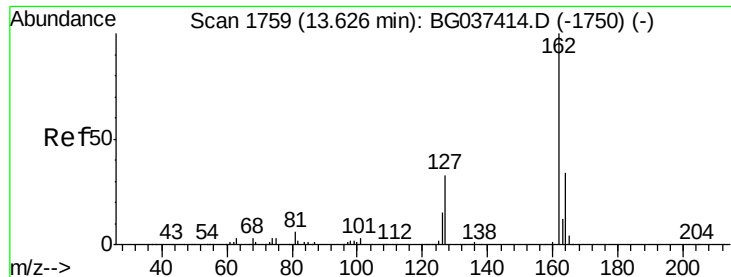
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.0	20.2	30.2



#46
1,1'-Biphenyl
Concen: 9.013 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	22.1	62.1
76	12.4	0.0	33.2

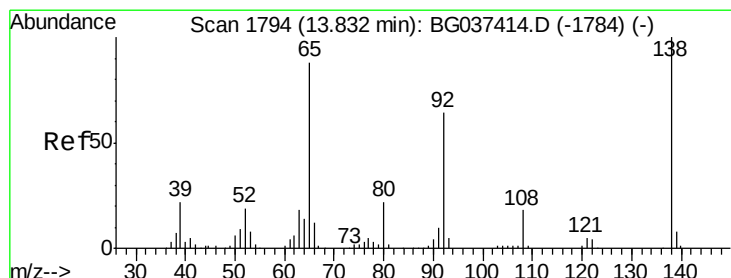
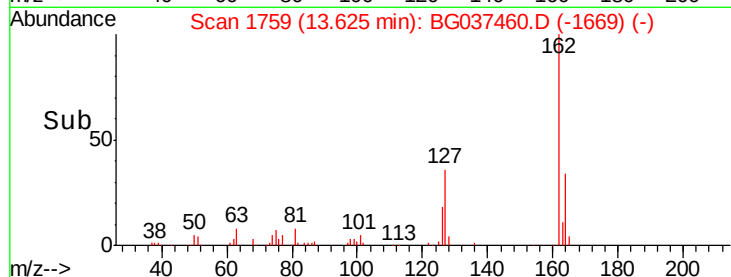
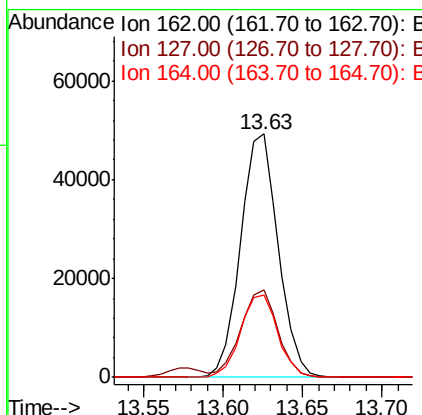
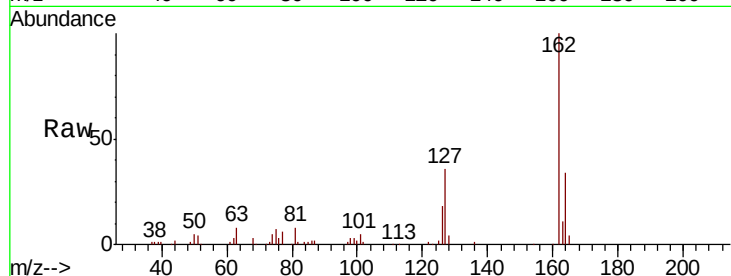




#47
 2-Chloronaphthalene
 Concen: 9.409 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

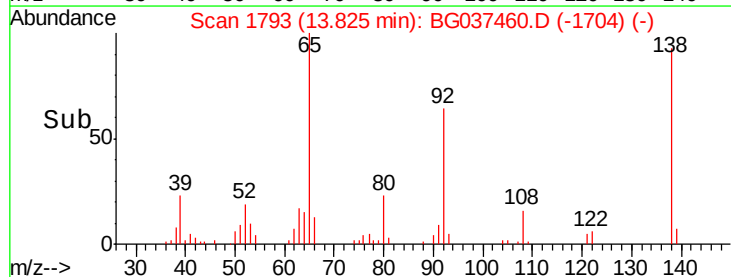
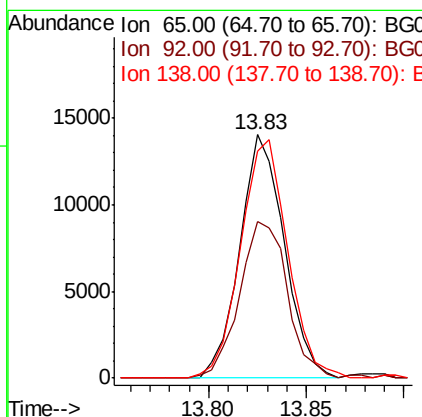
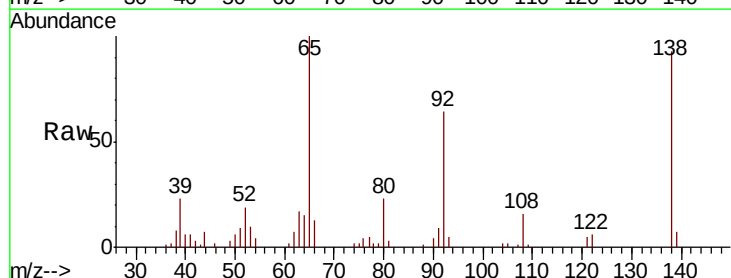
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

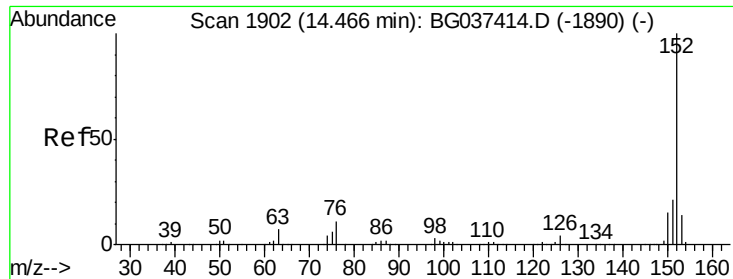
Tgt Ion:	162	Resp:	80991
Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.5	45.7
164	33.7	26.4	39.6



#48
 2-Nitroaniline
 Concen: 8.499 ng
 RT: 13.83 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:	65	Resp:	22186
Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.2	79.8
138	93.0	79.3	118.9





#49

Acenaphthylene

Concen: 10.389 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

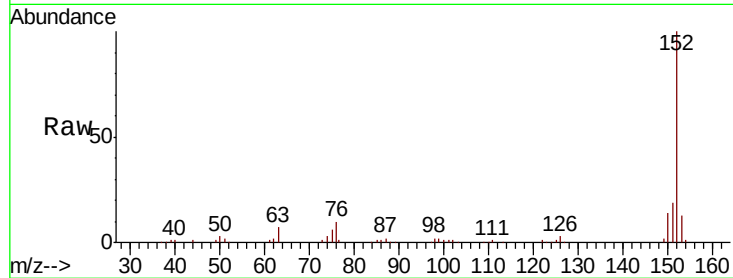
Tgt Ion:152 Resp: 134524

Ion Ratio Lower Upper

152 100

151 19.4 17.1 25.7

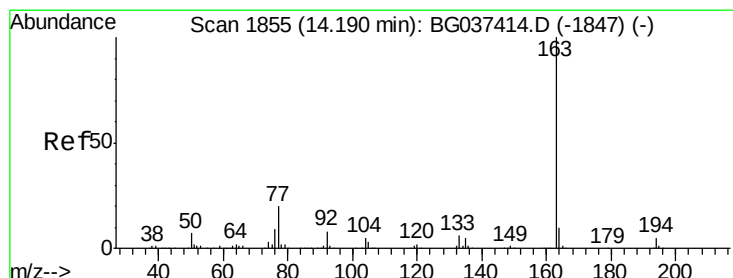
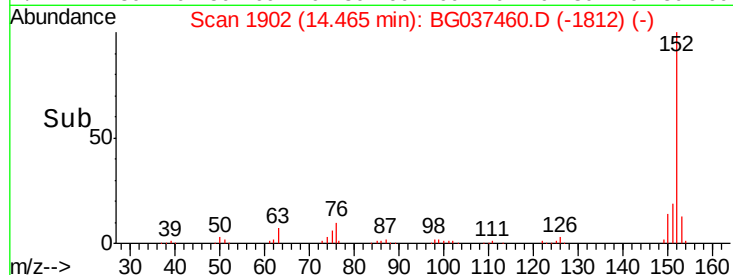
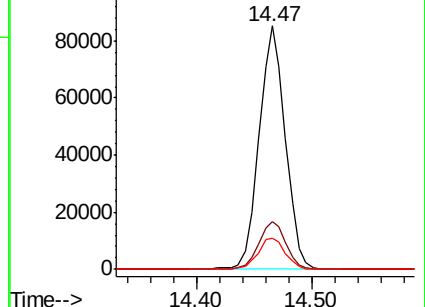
153 12.6 11.1 16.7



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: 9.905 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

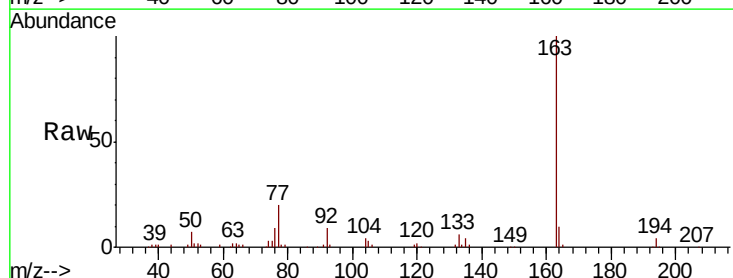
Tgt Ion:163 Resp: 105281

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

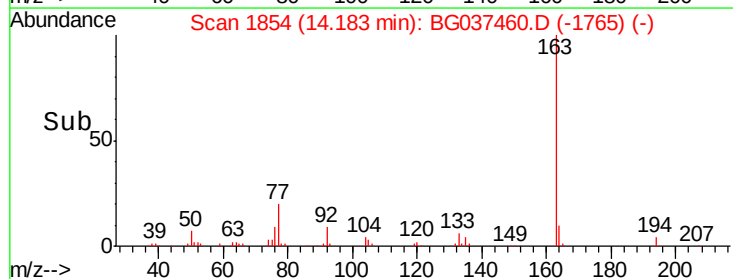
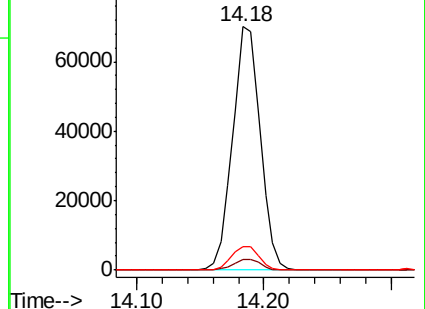
164 9.6 8.5 12.7

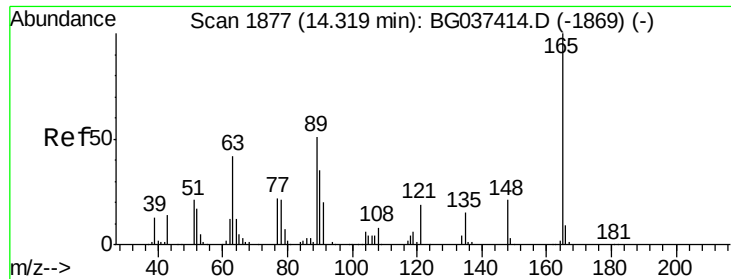


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.961 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

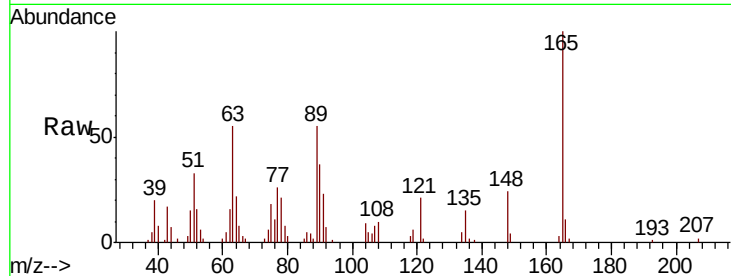
Tgt Ion:165 Resp: 21069

Ion Ratio Lower Upper

165 100

63 55.2 43.4 65.2

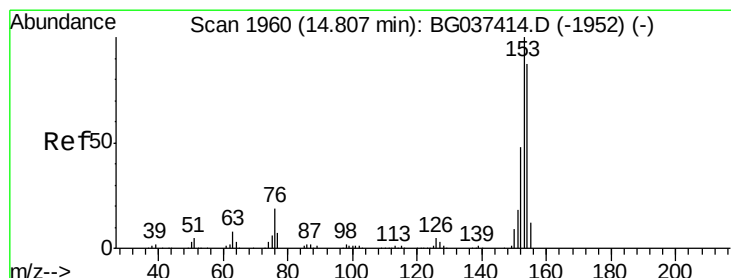
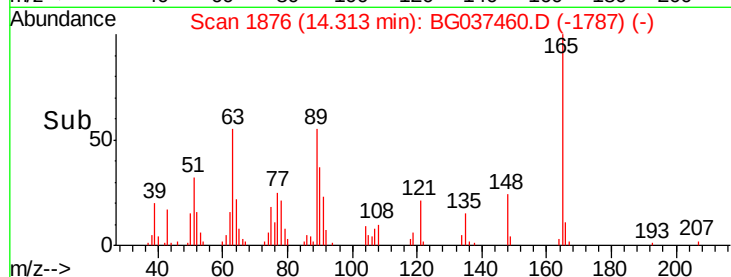
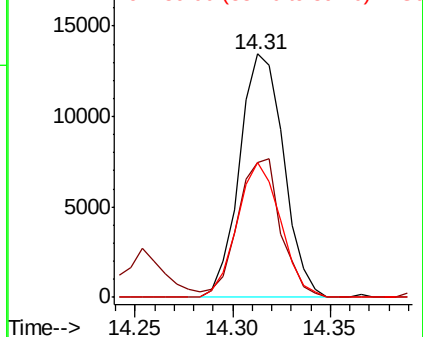
89 55.3 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 9.765 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

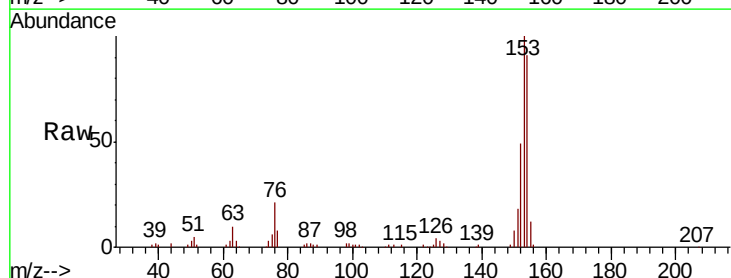
Tgt Ion:154 Resp: 77878

Ion Ratio Lower Upper

154 100

153 110.2 93.4 140.0

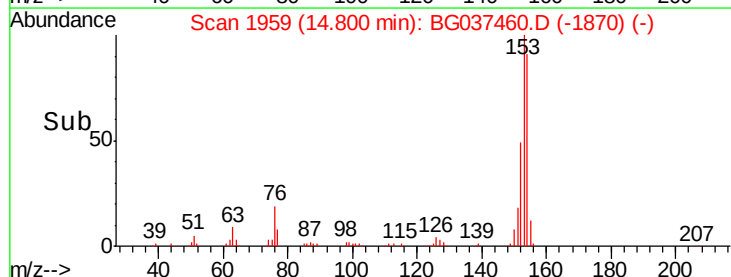
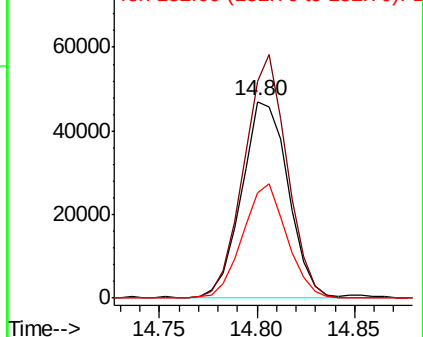
152 53.8 44.7 67.1

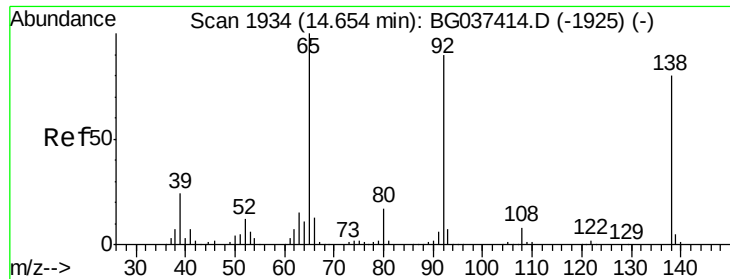


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 7.705 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

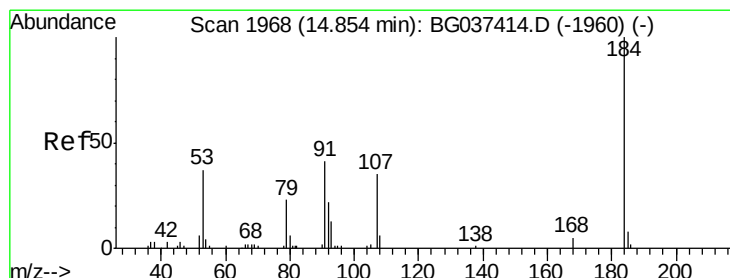
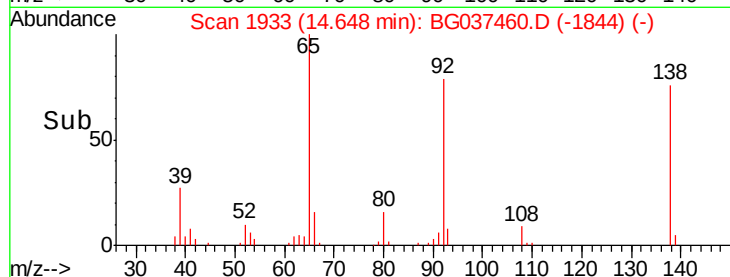
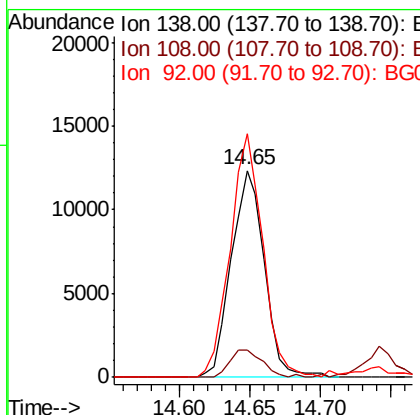
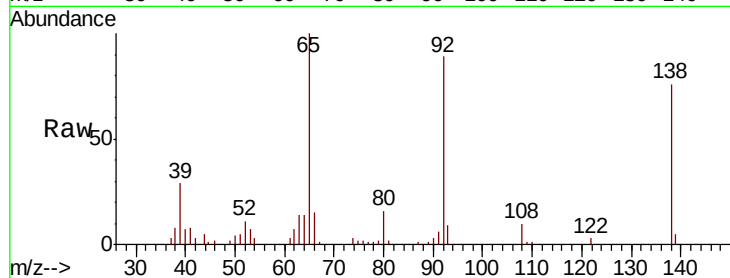
Tgt Ion:138 Resp: 20113

Ion Ratio Lower Upper

138 100

108 13.3 11.0 16.6

92 117.6 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 9.503 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

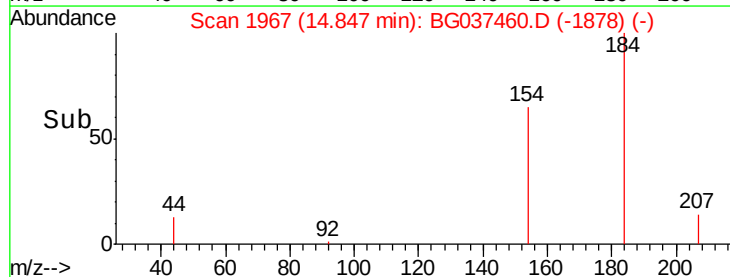
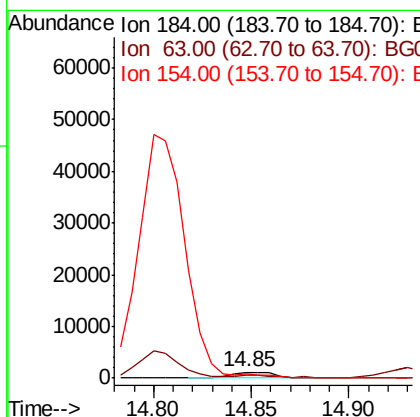
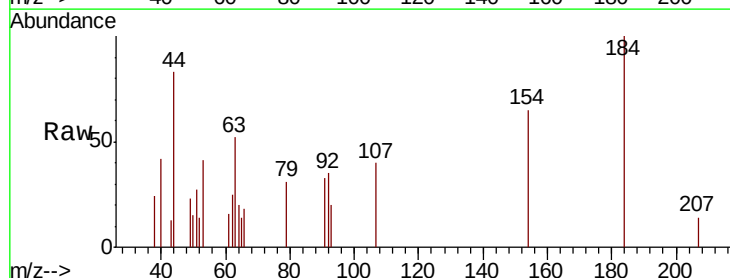
Tgt Ion:184 Resp: 1885

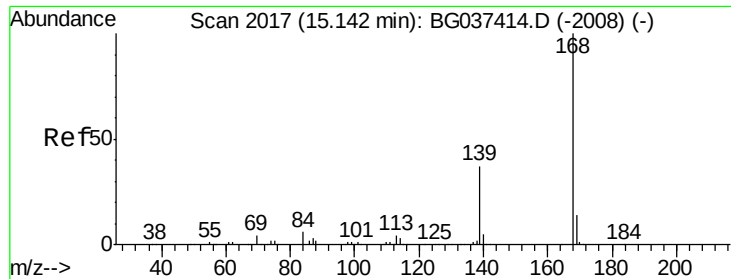
Ion Ratio Lower Upper

184 100

63 51.8 42.6 63.8

154 65.3 41.8 62.6#





#55

Dibenzenofuran

Concen: 9.829 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

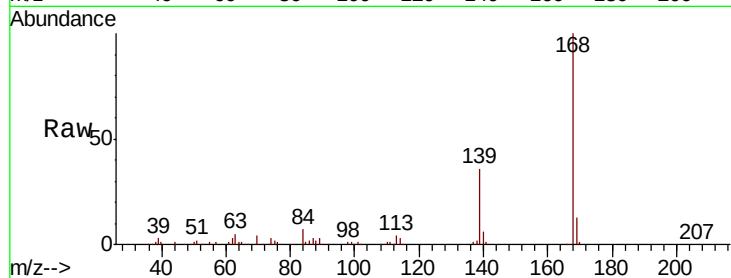
Tgt Ion:168 Resp: 129870

Ion Ratio Lower Upper

168 100

139 36.1 29.4 44.0

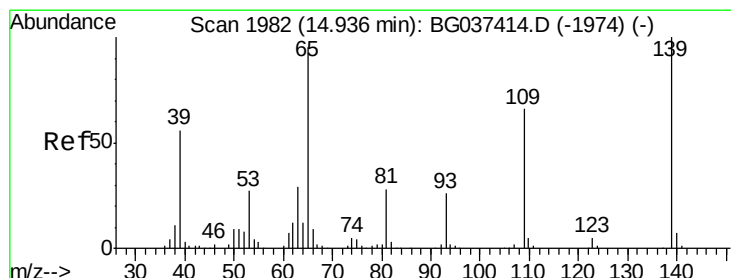
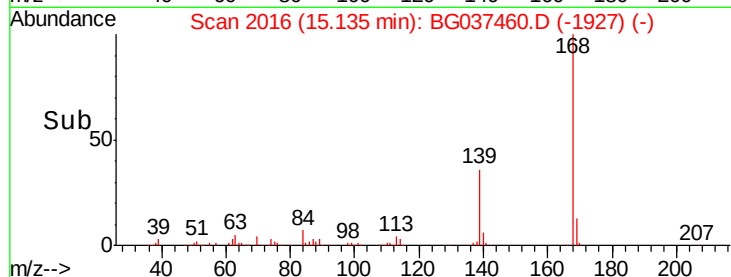
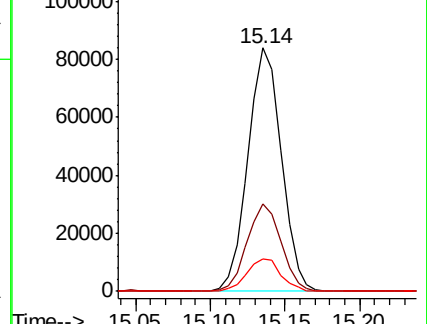
169 13.3 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.890 ng

RT: 14.94 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

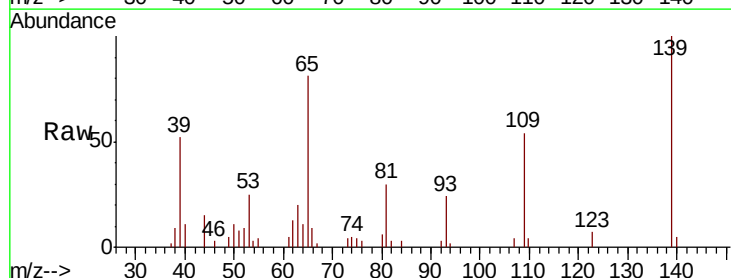
Tgt Ion:139 Resp: 13312

Ion Ratio Lower Upper

139 100

109 54.3 49.5 89.5

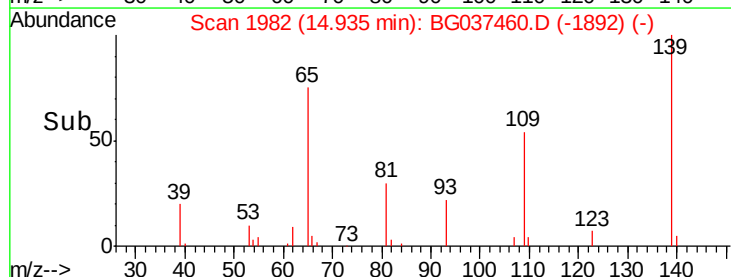
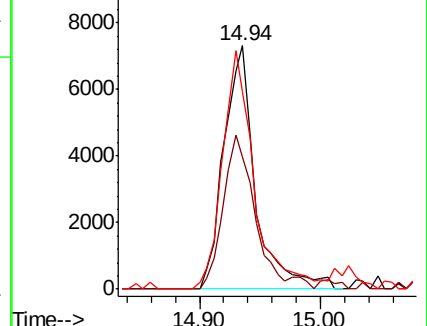
65 81.0 76.8 116.8

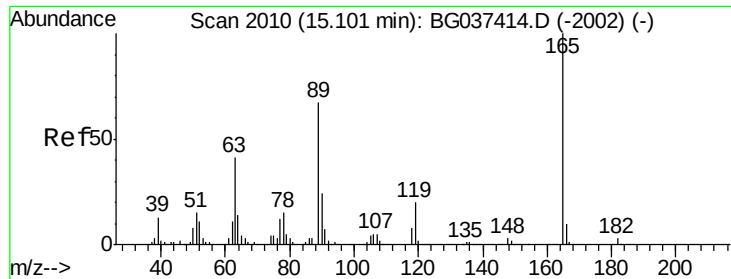


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

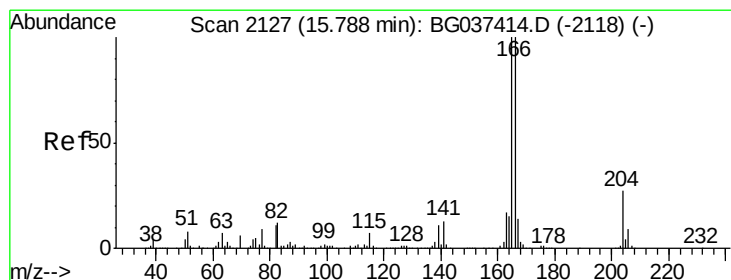
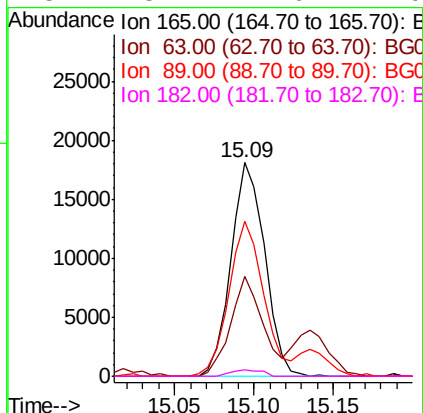
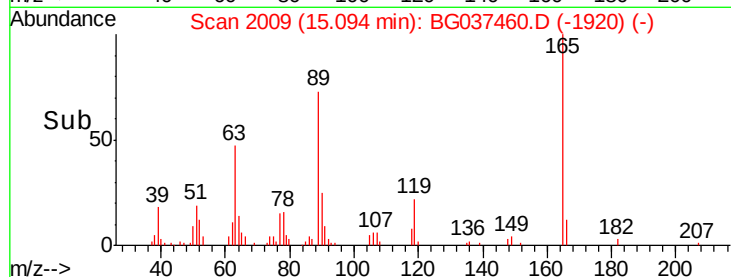
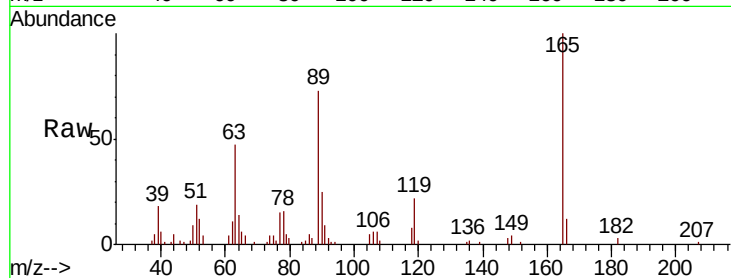




#57
2,4-Dinitrotoluene
Concen: 8.666 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

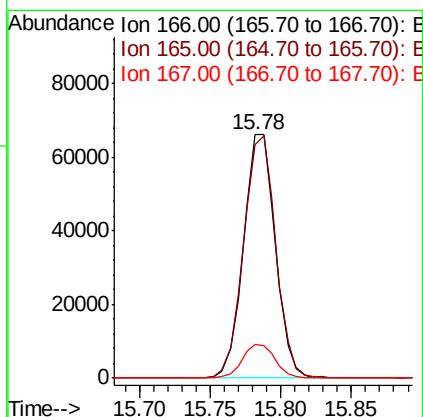
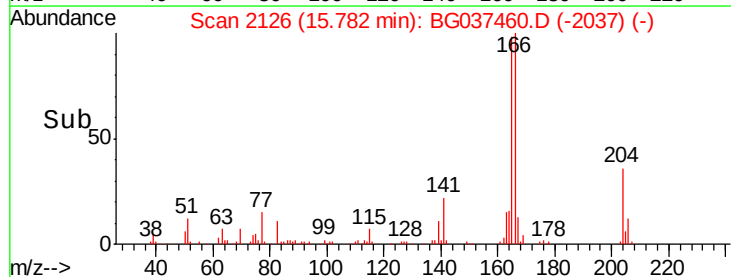
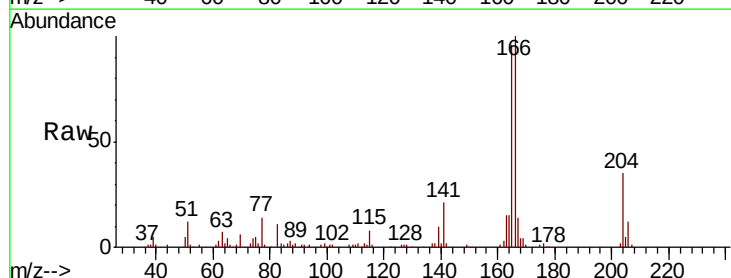
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

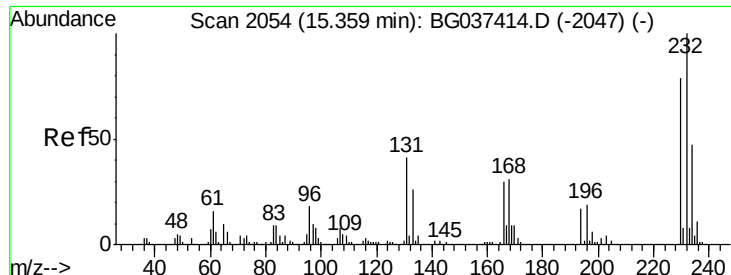
Tgt Ion:165 Resp: 26748
Ion Ratio Lower Upper
165 100
63 46.9 33.4 50.0
89 72.6 57.2 85.8
182 3.2 2.6 4.0



#58
Fluorene
Concen: 10.581 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:166 Resp: 104697
Ion Ratio Lower Upper
166 100
165 95.7 79.0 118.6
167 13.9 11.3 16.9

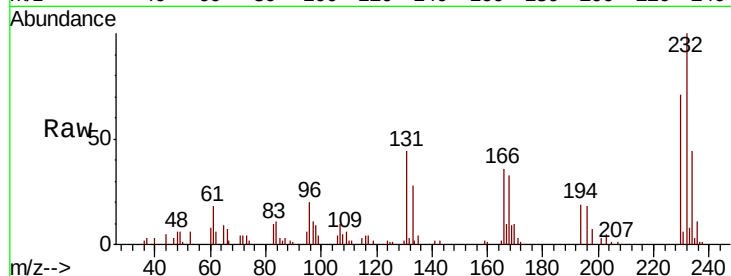




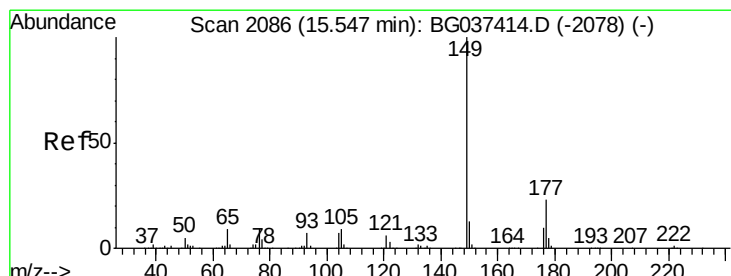
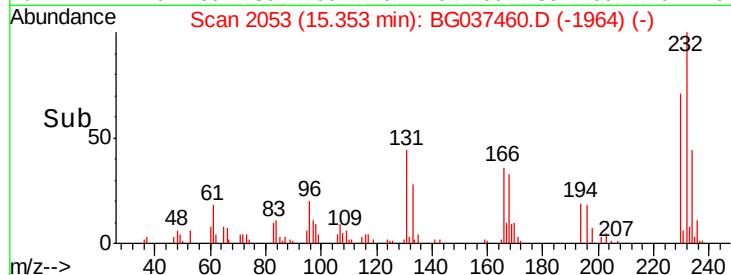
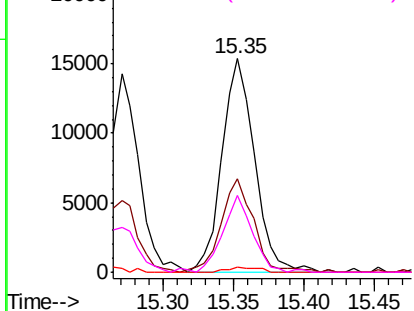
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.970 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion:	232	Resp:	24756
Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.7	50.5
130	2.1	2.1	3.1
166	33.2	24.6	36.8

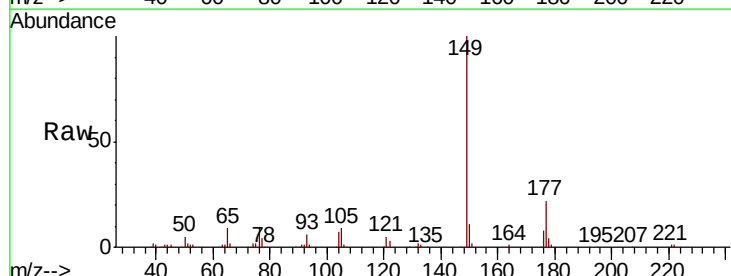


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

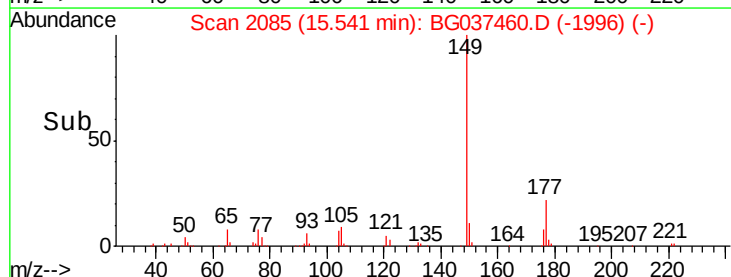
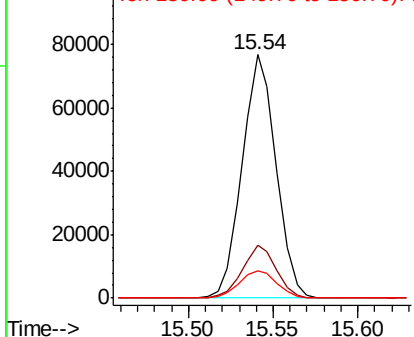


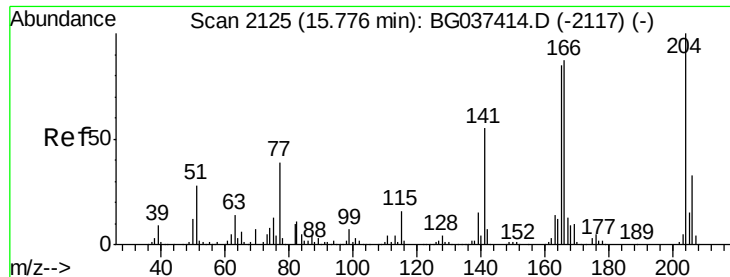
#60
 Diethylphthalate
 Concen: 9.791 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:	149	Resp:	106839
Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	11.2	10.0	15.0



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

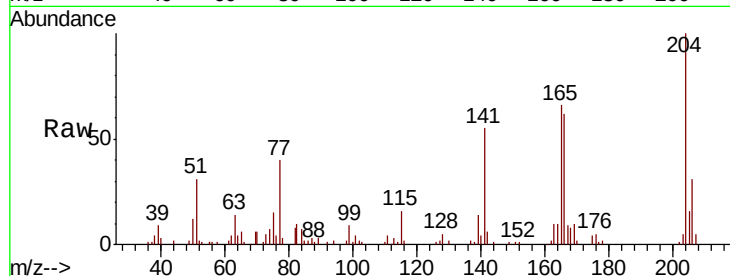




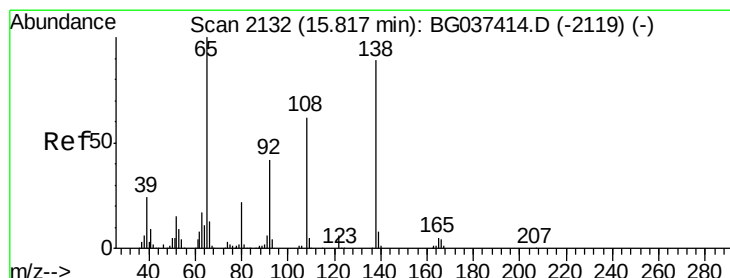
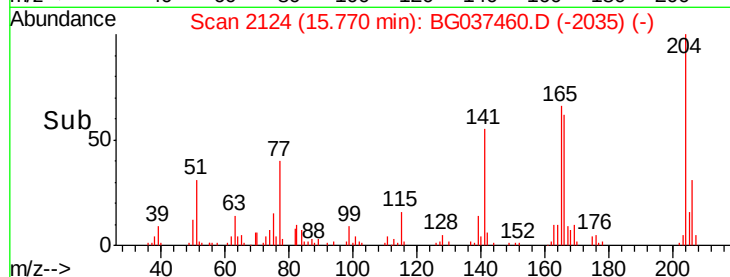
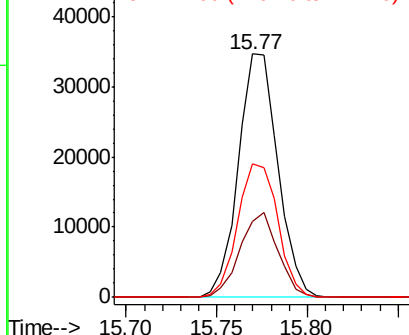
#61
 4-Chlorophenyl-phenylether
 Concen: 9.099 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion: 204 Resp: 52478
 Ion Ratio Lower Upper
 204 100
 206 30.9 26.6 39.8
 141 55.0 45.4 68.2

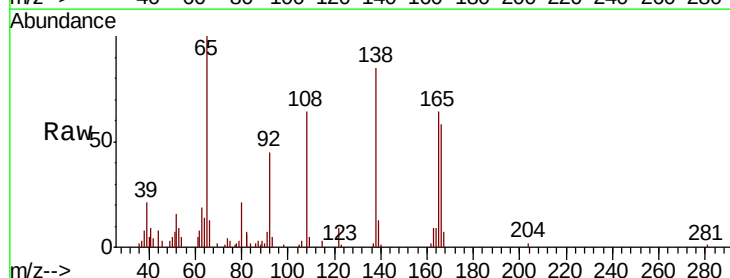


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

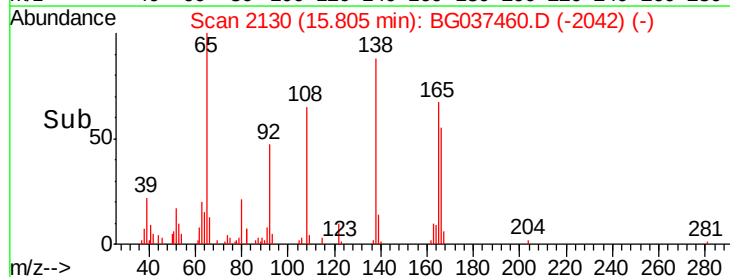
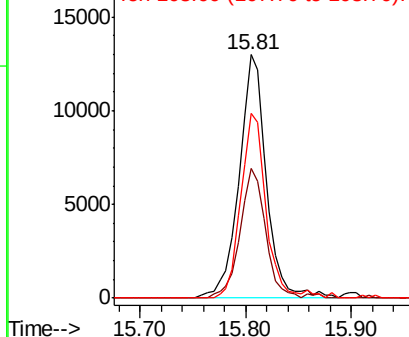


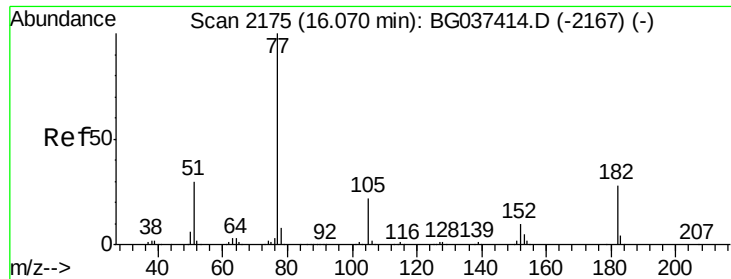
#62
 4-Nitroaniline
 Concen: 8.932 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion: 138 Resp: 23168
 Ion Ratio Lower Upper
 138 100
 92 53.1 36.4 76.4
 108 75.6 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: 9.935 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 77 Resp: 103434

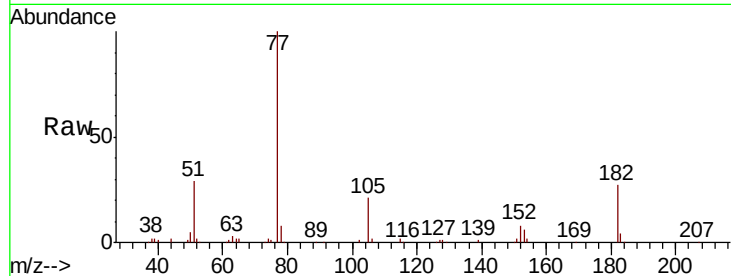
Ion Ratio Lower Upper

77 100

182 27.2 8.0 48.0

105 21.1 1.3 41.3

51 29.0 10.7 50.7

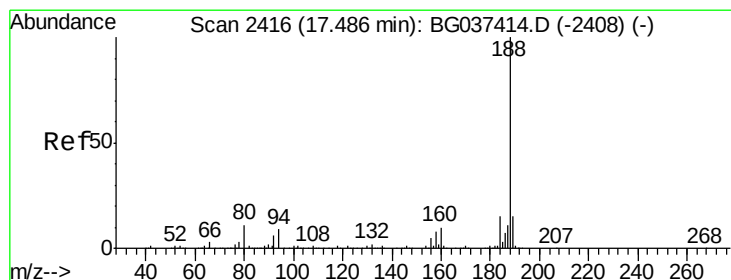
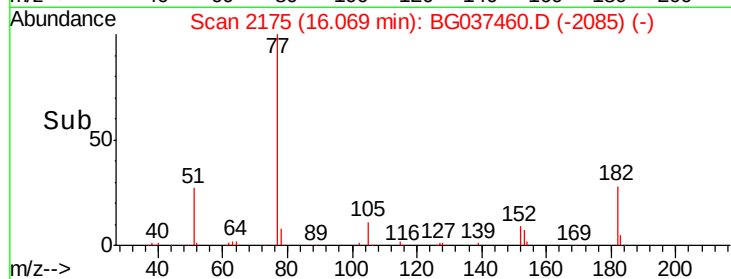
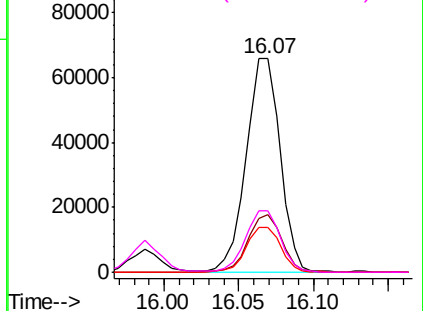


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

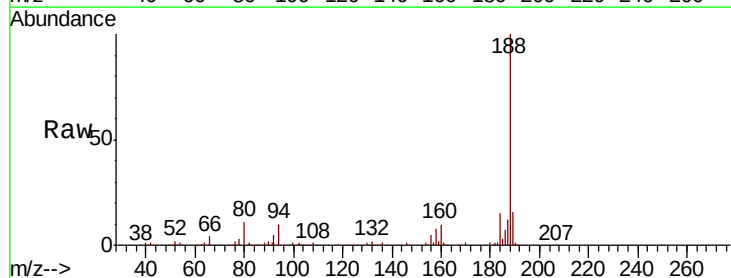
Tgt Ion: 188 Resp: 332132

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

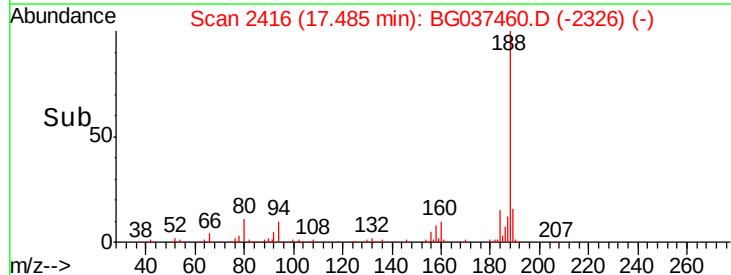
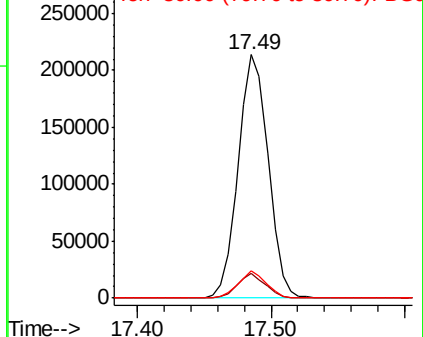
80 11.0 7.7 11.5

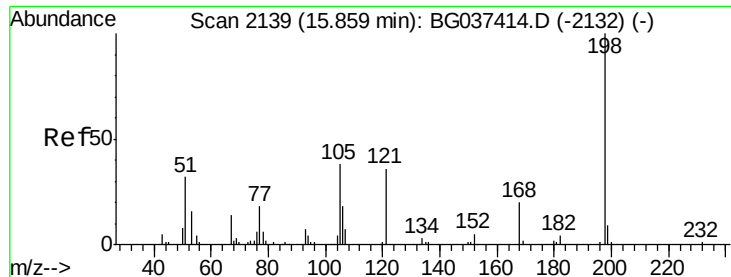


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 11.680 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

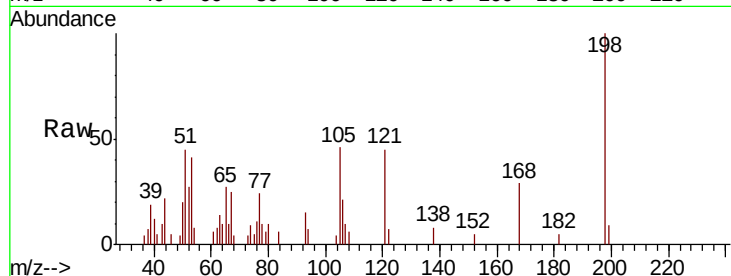
Tgt Ion:198 Resp: 6721

Ion Ratio Lower Upper

198 100

51 44.6 22.7 62.7

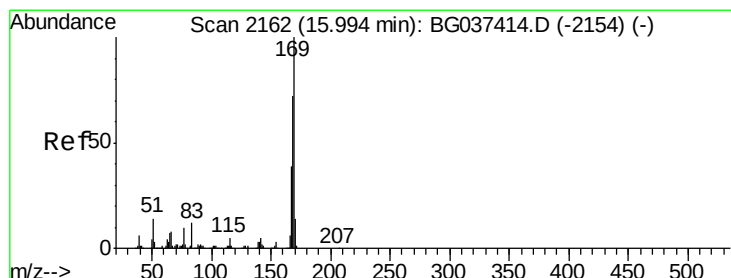
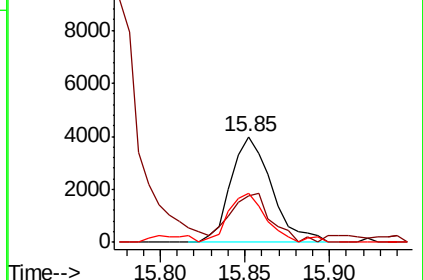
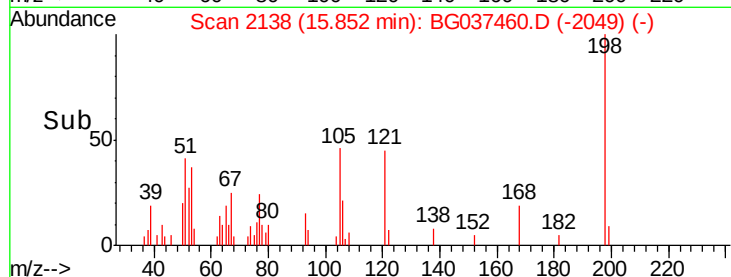
105 45.9 19.7 59.7



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: 9.307 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

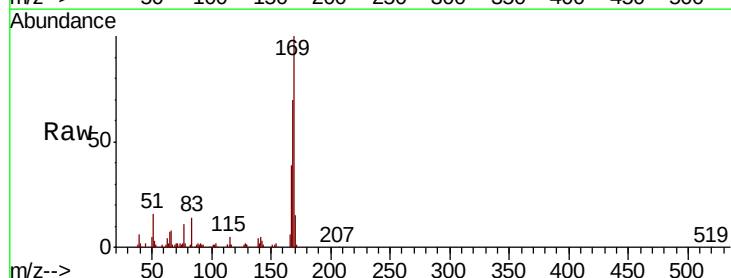
Tgt Ion:169 Resp: 92980

Ion Ratio Lower Upper

169 100

168 70.0 55.7 83.5

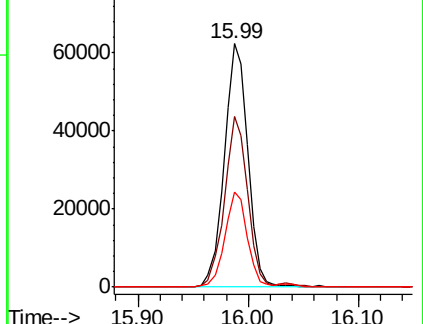
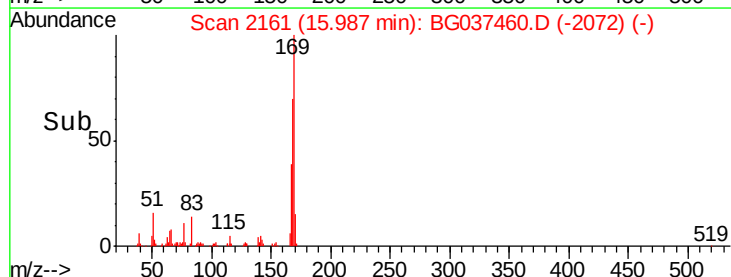
167 39.2 31.3 46.9

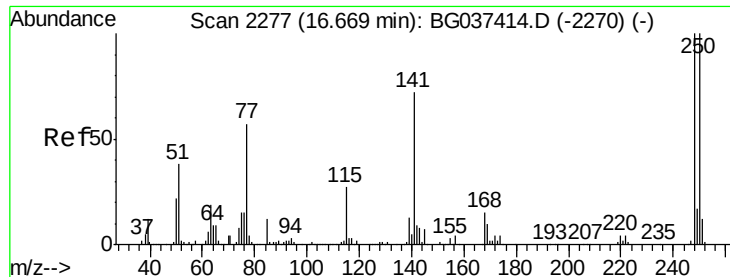


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

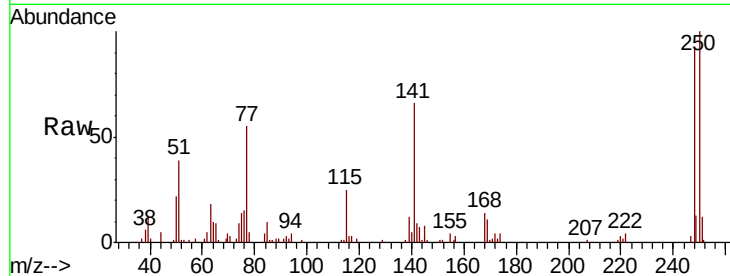




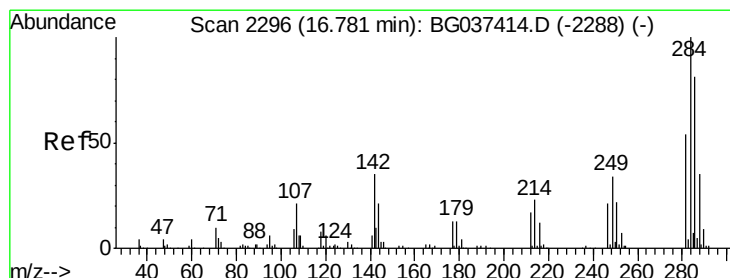
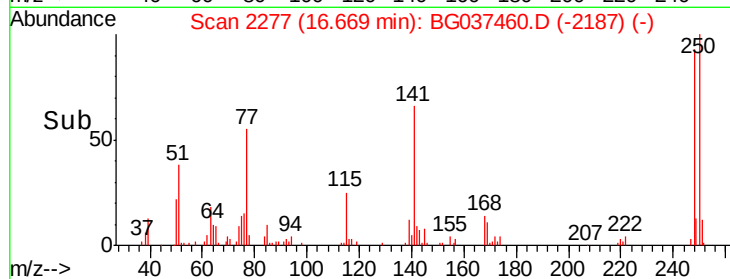
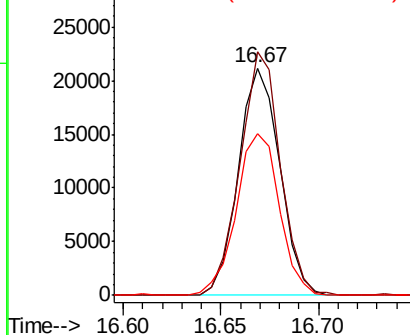
#67
 4-Bromophenyl-phenylether
 Concen: 8.499 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion:248 Resp: 30998
 Ion Ratio Lower Upper
 248 100
 250 107.3 77.0 115.6
 141 71.2 55.5 83.3

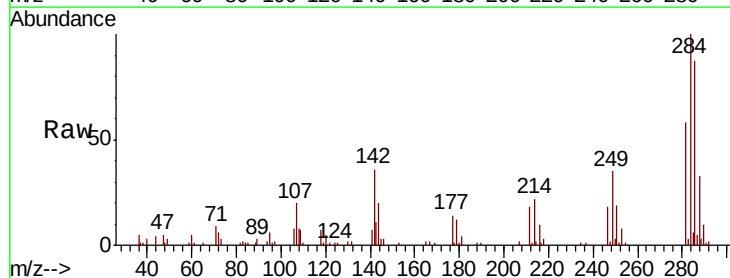


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

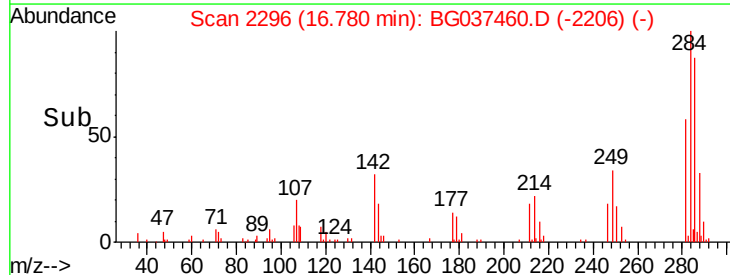
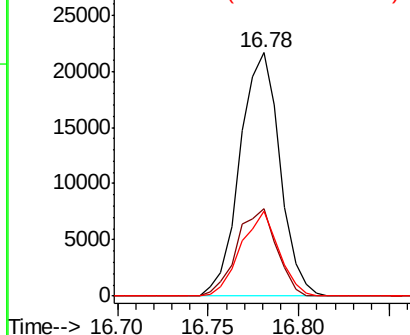


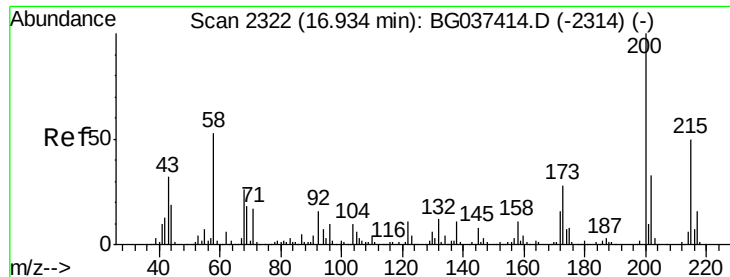
#68
 Hexachlorobenzene
 Concen: 8.776 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:284 Resp: 33176
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.1 42.1
 249 37.9 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

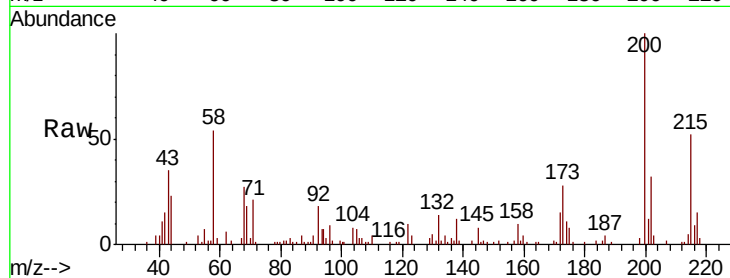




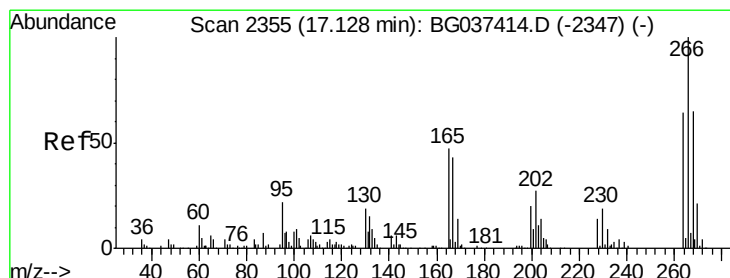
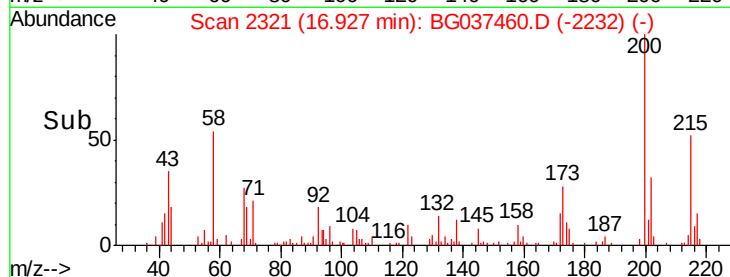
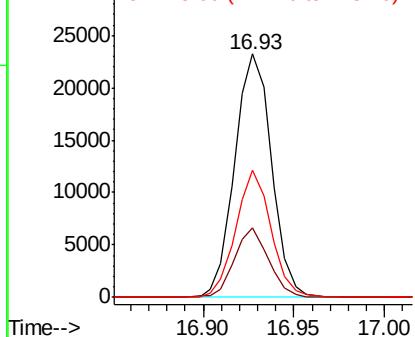
#69
 Atrazine
 Concen: 9.039 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion:200 Resp: 32651
 Ion Ratio Lower Upper
 200 100
 173 28.4 6.1 46.1
 215 52.2 30.8 70.8

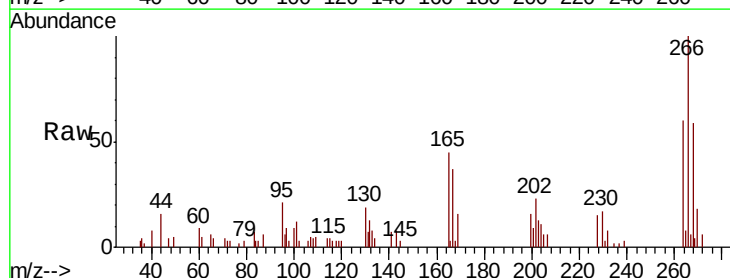


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

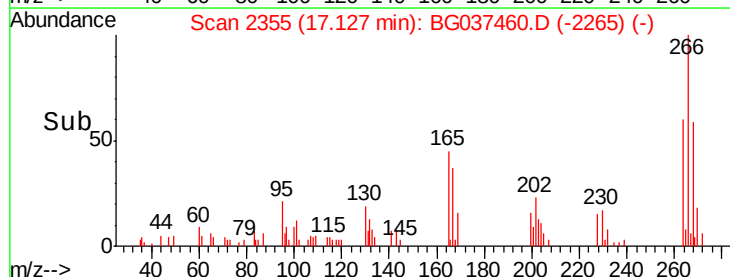
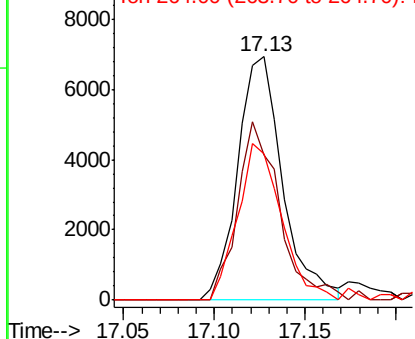


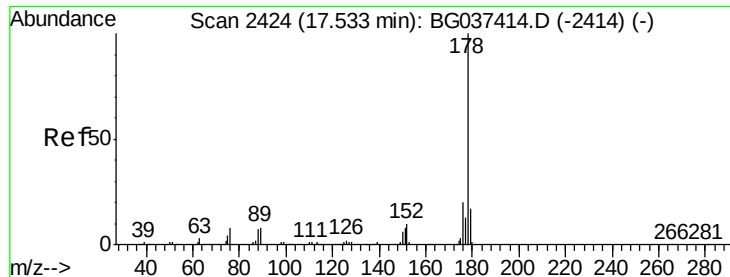
#70
 Pentachlorophenol
 Concen: 4.732 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:266 Resp: 11981
 Ion Ratio Lower Upper
 266 100
 268 63.1 55.0 82.6
 264 68.6 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: 10.550 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

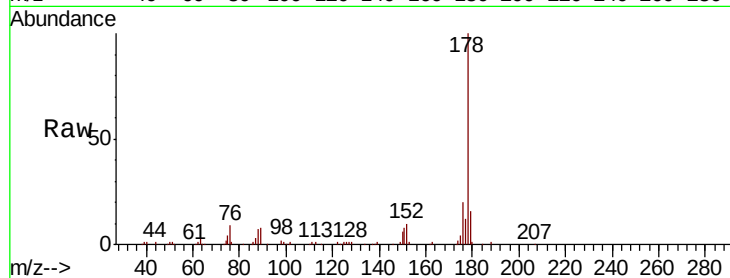
Tgt Ion:178 Resp: 178088

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

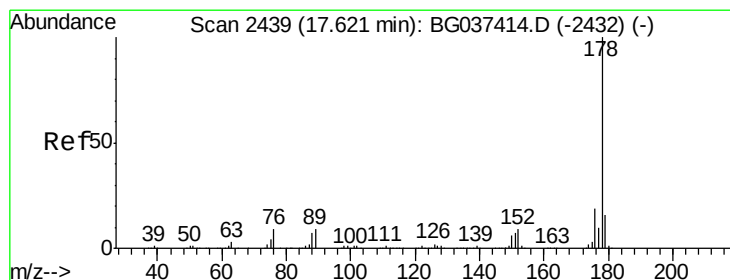
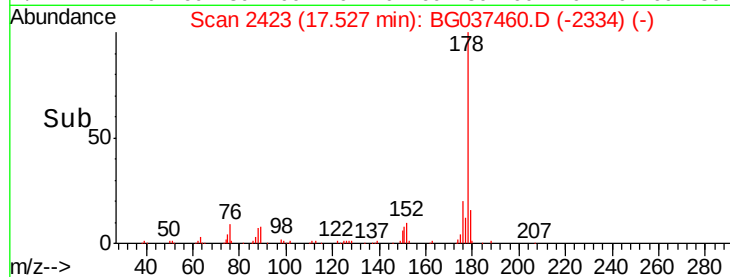
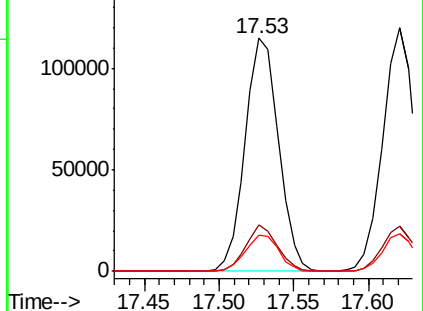
179 15.8 13.0 19.4



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: 10.907 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

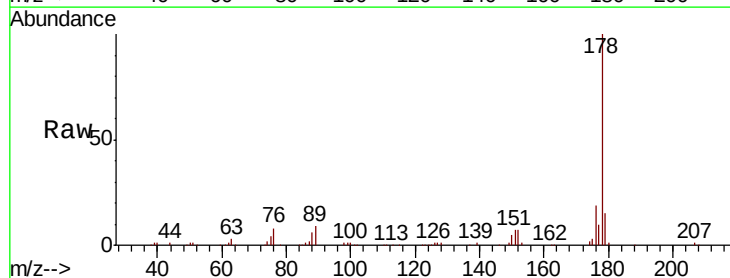
Tgt Ion:178 Resp: 180671

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

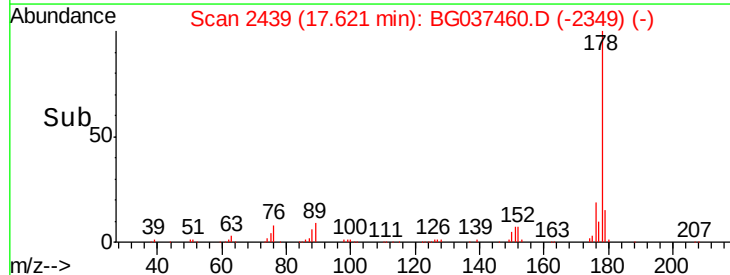
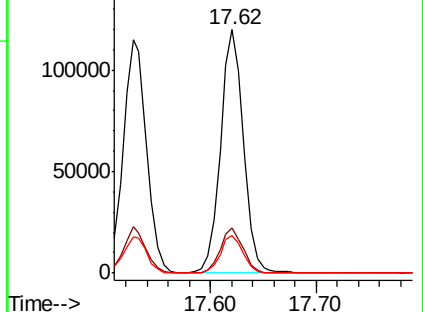
179 15.5 12.8 19.2

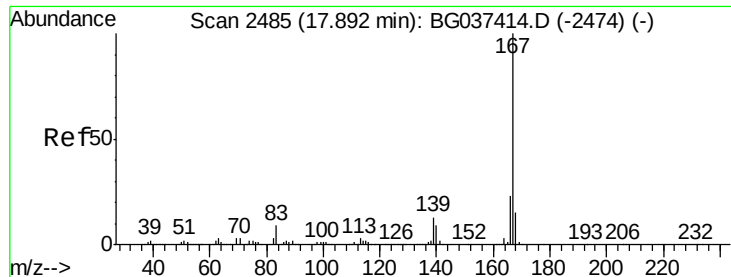


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 9.330 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

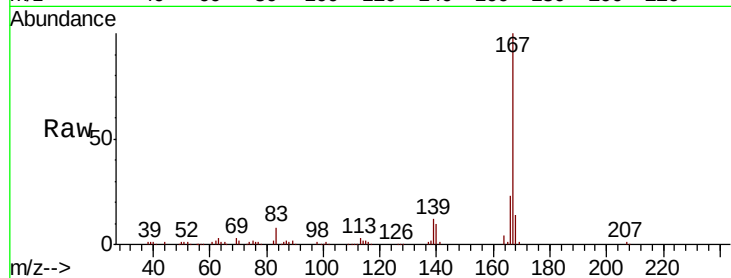
Tgt Ion:167 Resp: 154594

Ion Ratio Lower Upper

167 100

166 22.8 18.3 27.5

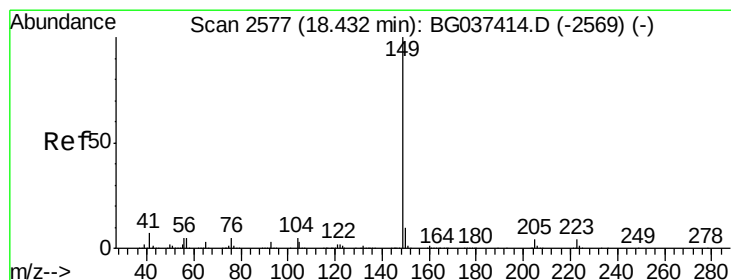
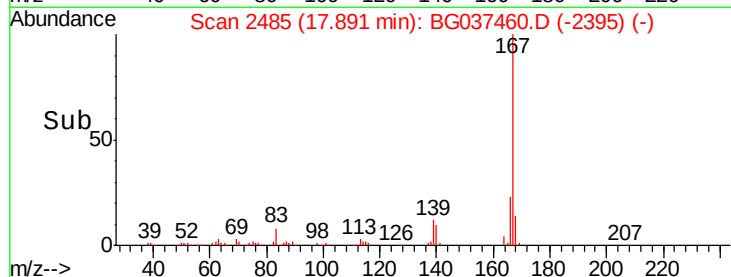
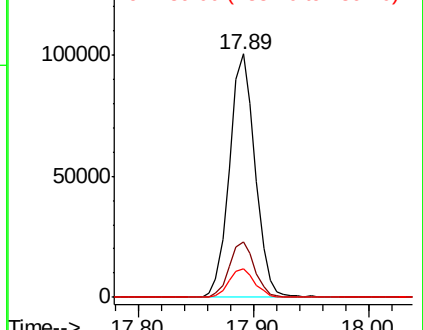
139 11.9 10.5 15.7



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: 9.717 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

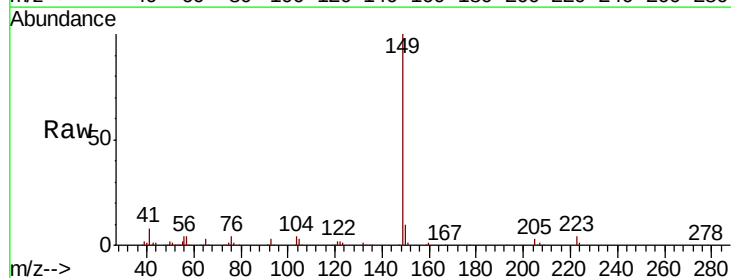
Tgt Ion:149 Resp: 179119

Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.2

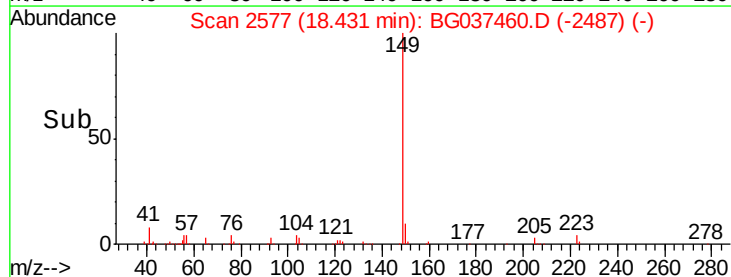
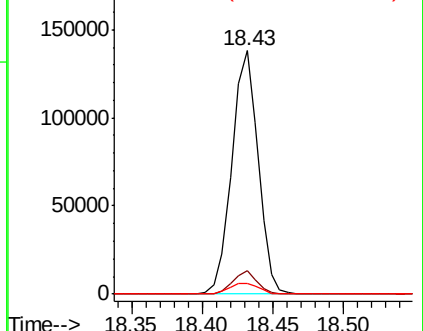
104 4.3 4.0 6.0

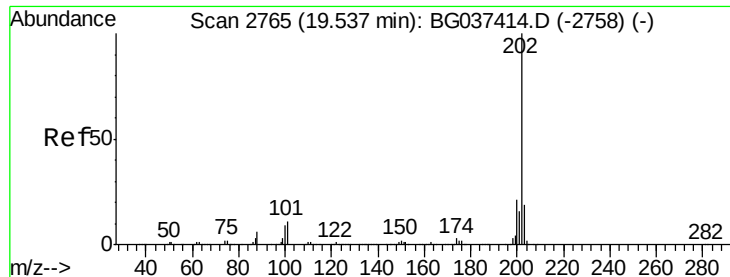


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.768 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

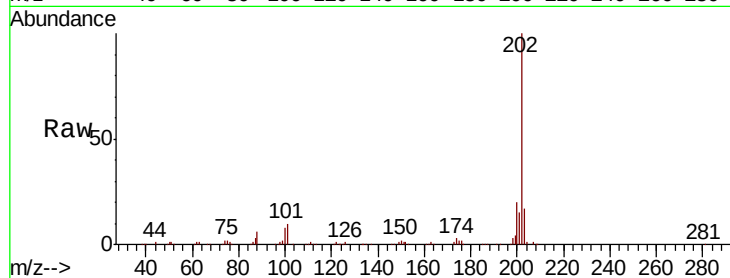
Tgt Ion: 202 Resp: 206154

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

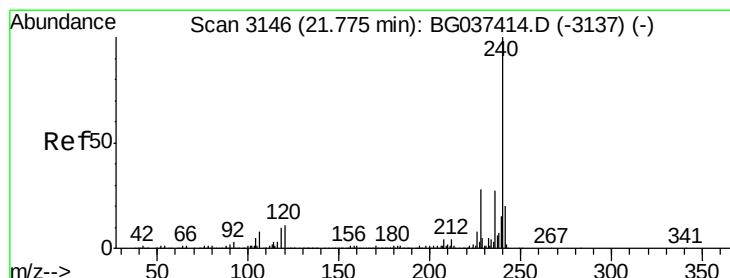
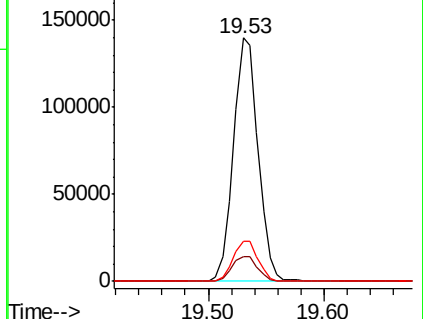
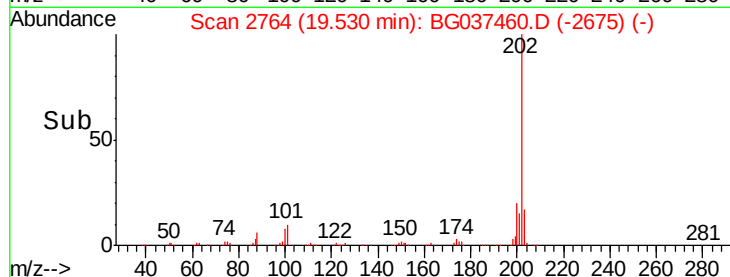
203 16.5 0.0 38.5



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: BG037460.D

Acq: 19 Oct 2018 19:12

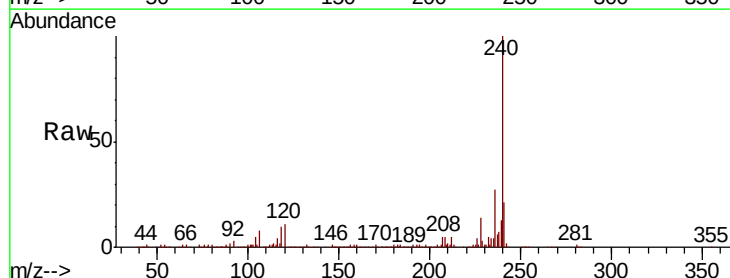
Tgt Ion: 240 Resp: 311768

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

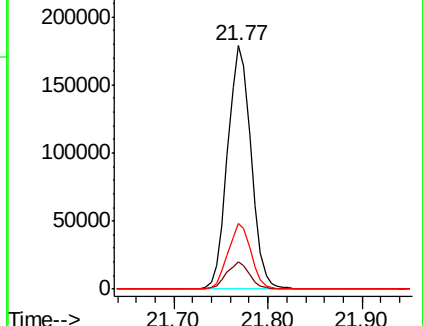
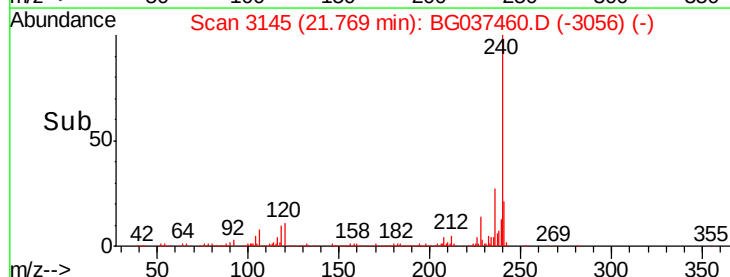
236 26.8 21.4 32.0

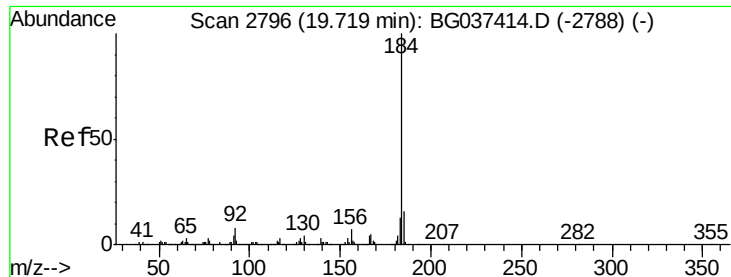


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.733 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

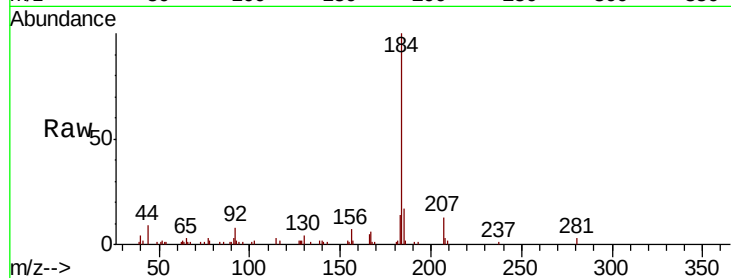
Tgt Ion:184 Resp: 28969

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

183 14.1 10.2 15.2

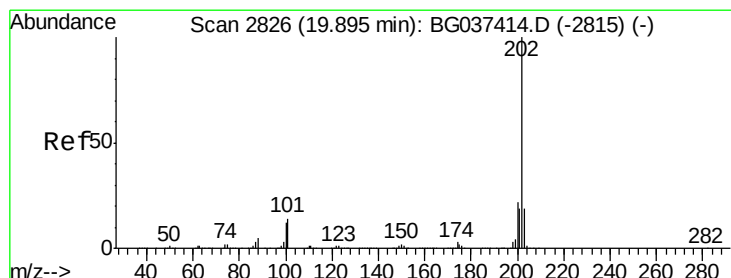
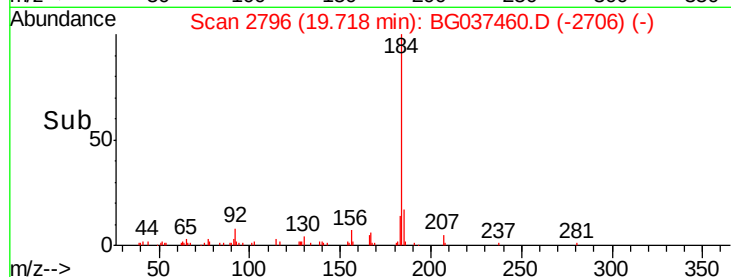
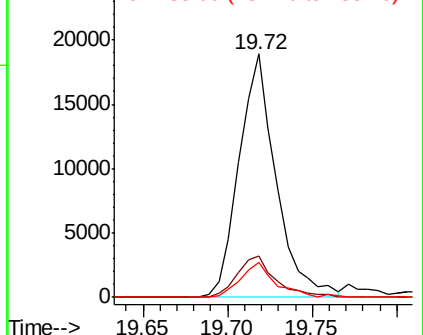


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.253 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

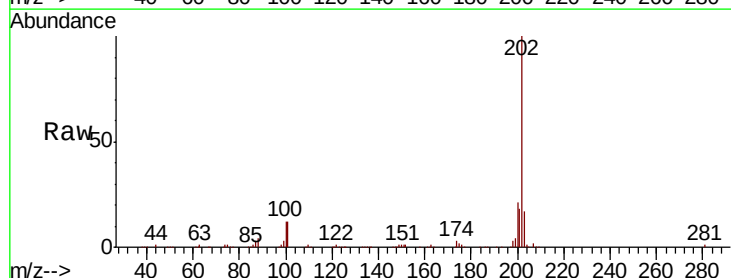
Tgt Ion:202 Resp: 208966

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

203 17.1 15.2 22.8

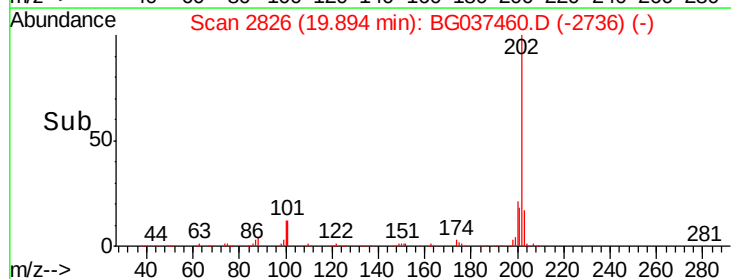
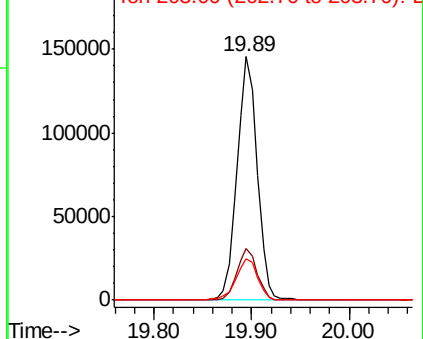


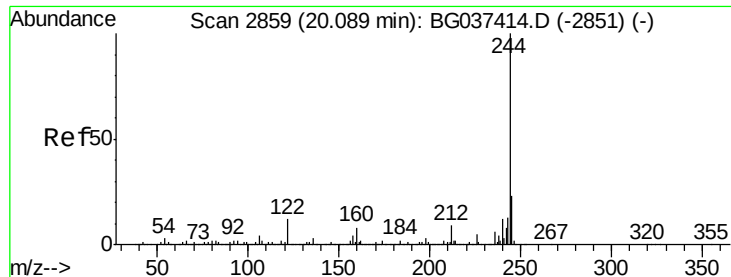
Abundance

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: 92.949 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

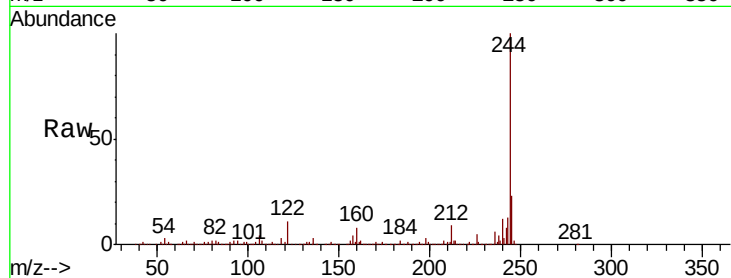
Tgt Ion:244 Resp: 1356182

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

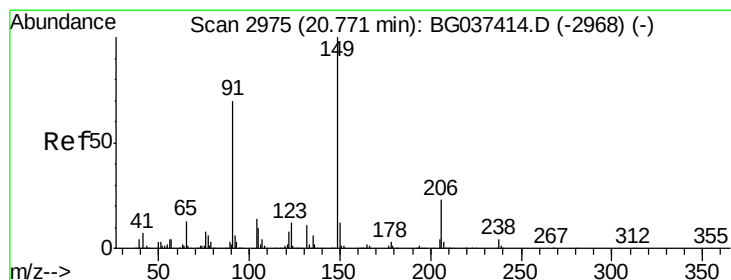
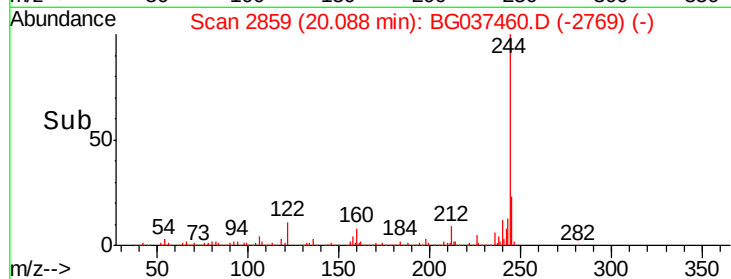
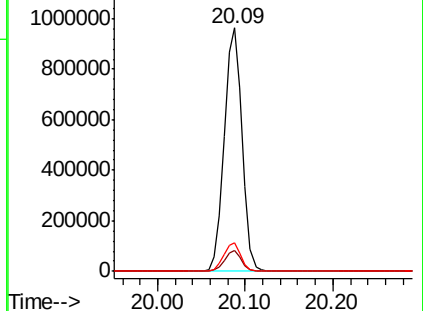
122 11.5 9.0 13.4



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: 8.842 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

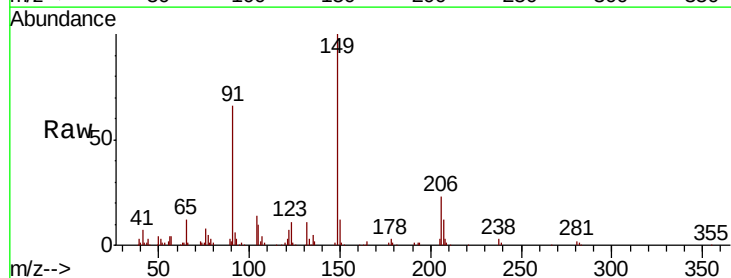
Tgt Ion:149 Resp: 73753

Ion Ratio Lower Upper

149 100

91 65.6 57.0 85.4

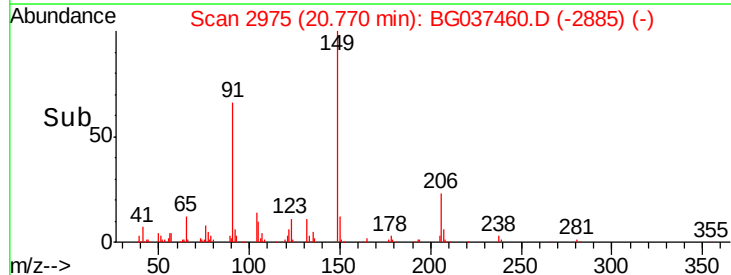
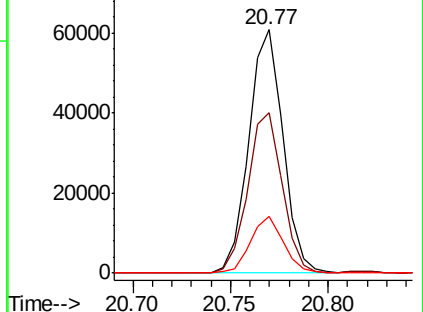
206 23.2 17.8 26.6

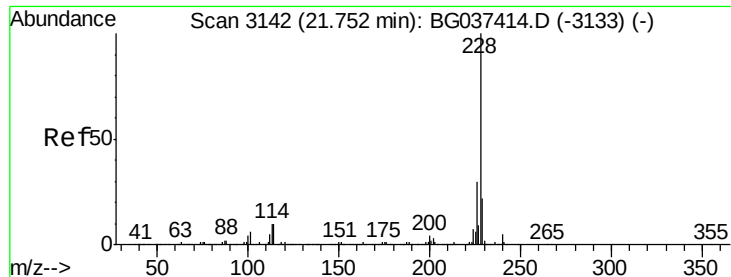


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.422 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

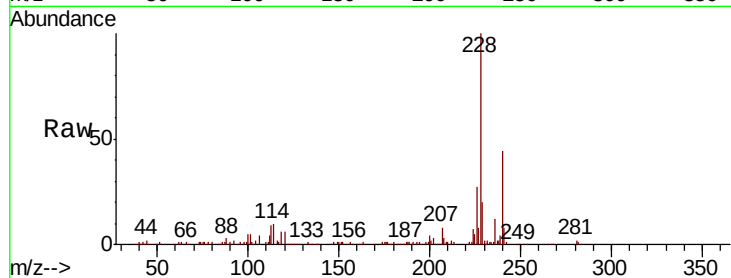
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	228	Resp:	192192
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.3	16.3	24.5

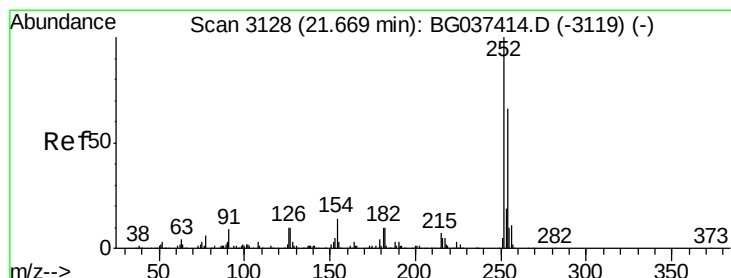
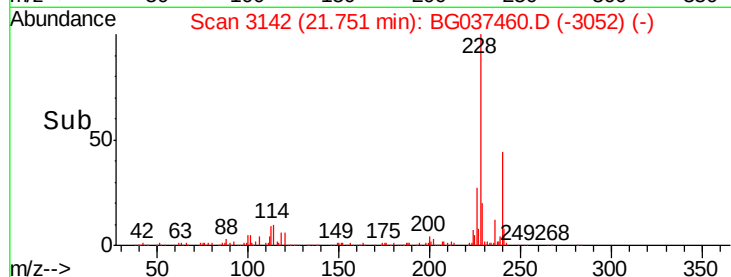
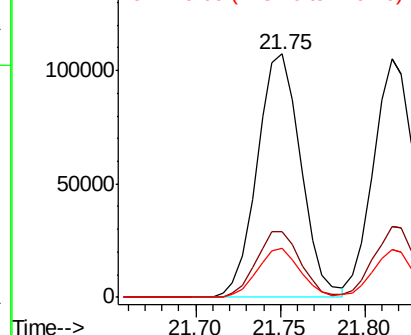


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 6.293 ng

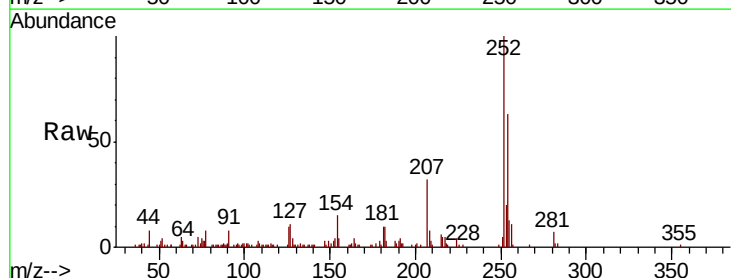
RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Tgt Ion:	252	Resp:	44980
Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.0	78.0
126	9.6	8.2	12.4

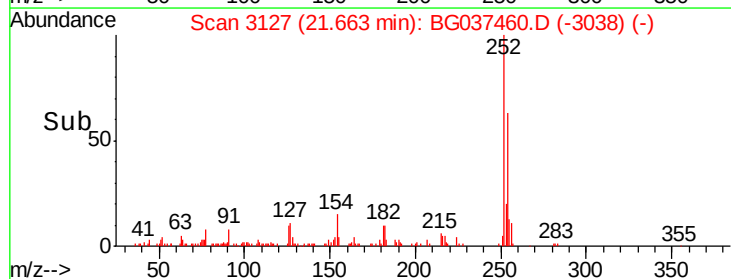
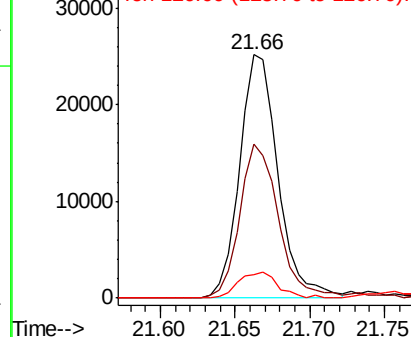


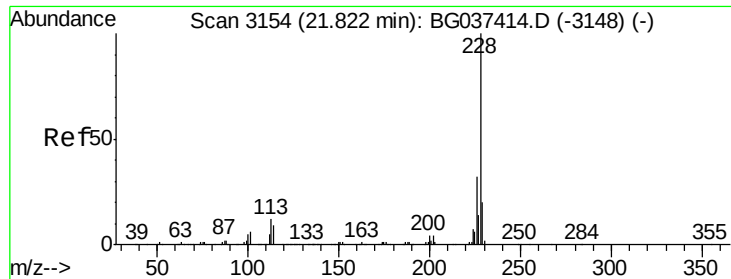
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.167 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

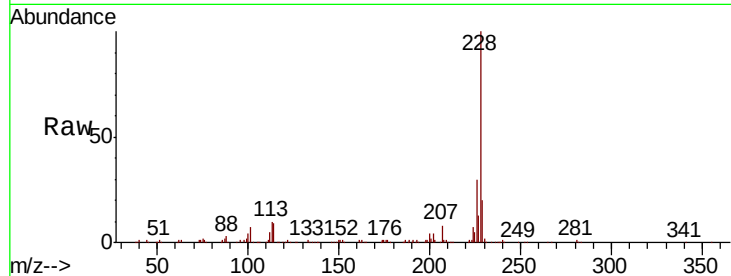
Tgt Ion: 228 Resp: 180287

Ion Ratio Lower Upper

228 100

226 29.9 25.7 38.5

229 20.2 16.5 24.7

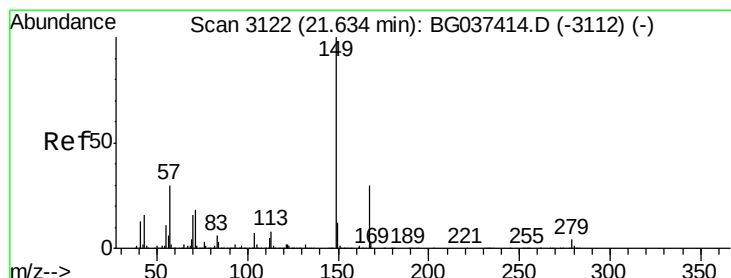
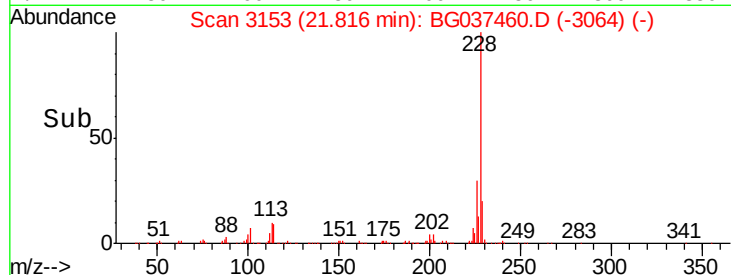
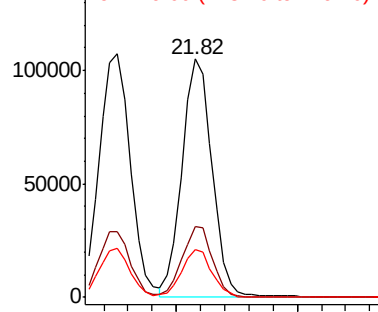


Abundance

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: 8.772 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

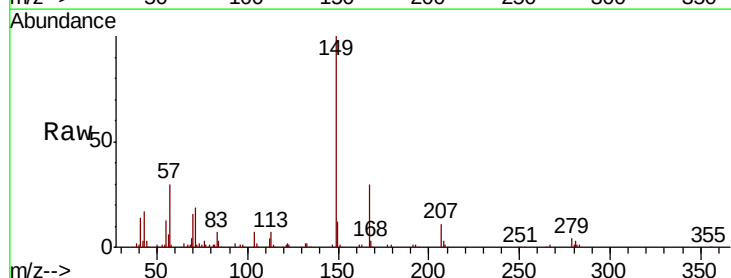
Tgt Ion: 149 Resp: 102565

Ion Ratio Lower Upper

149 100

167 29.9 23.0 34.4

279 4.0 3.6 5.4

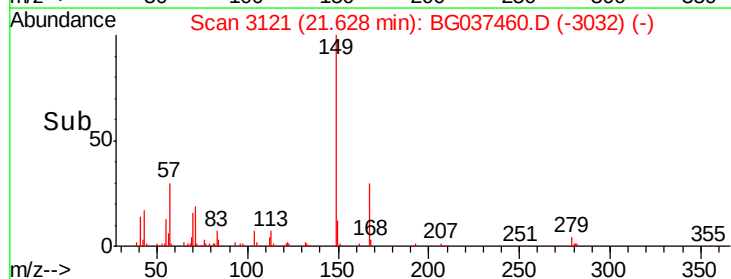
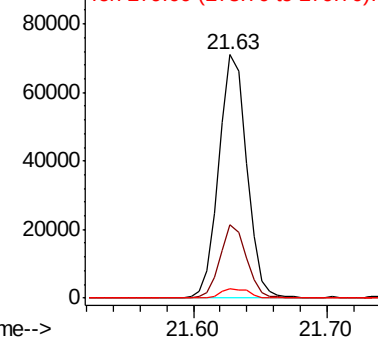


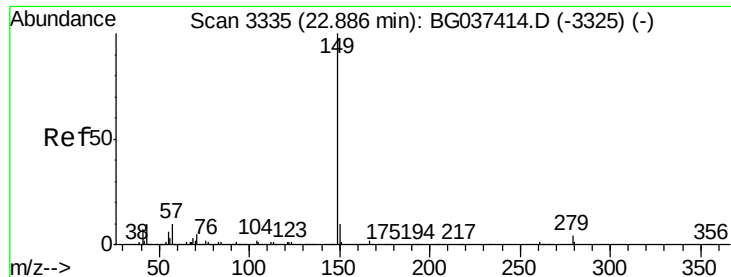
Abundance

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

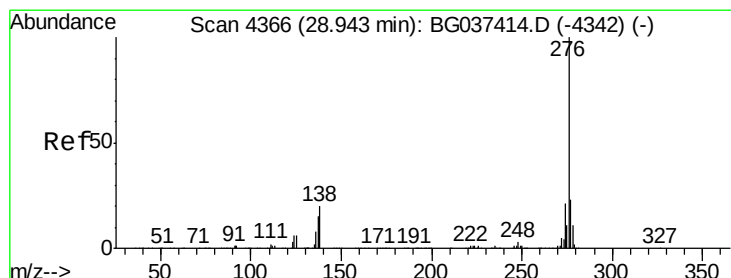
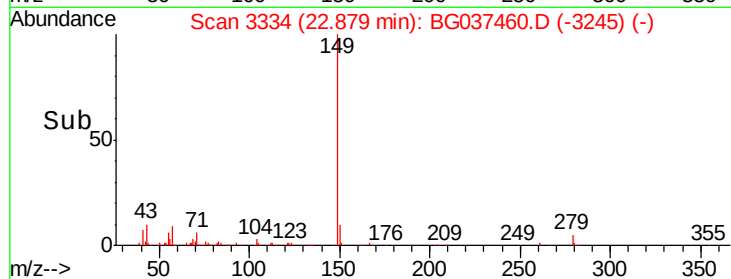
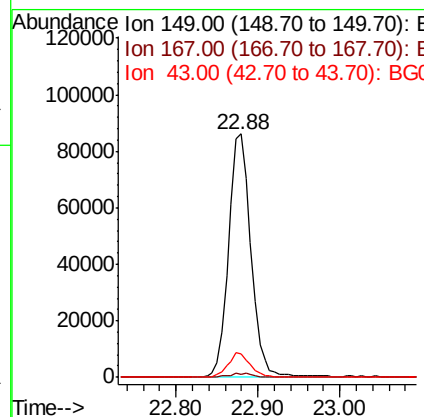
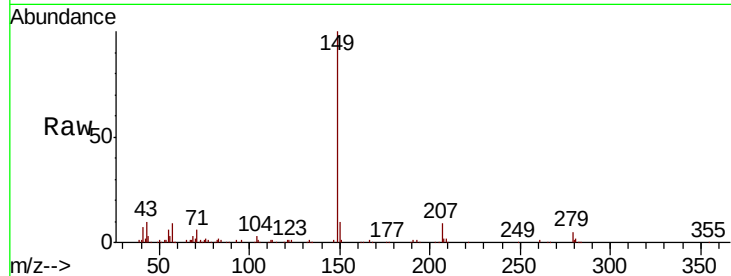




#85
Di-n-octyl phthalate
Concen: 8.625 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

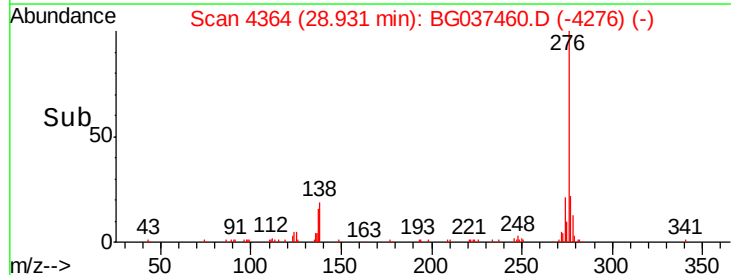
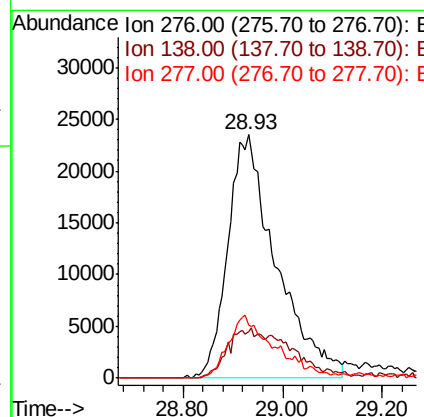
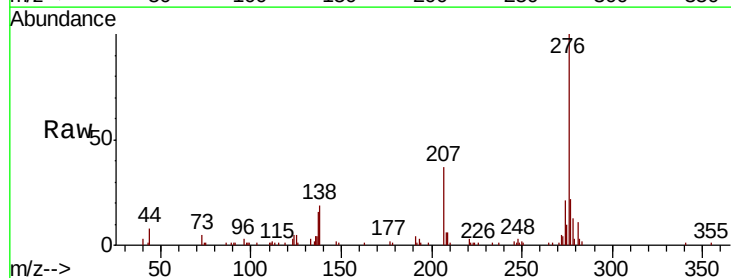
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

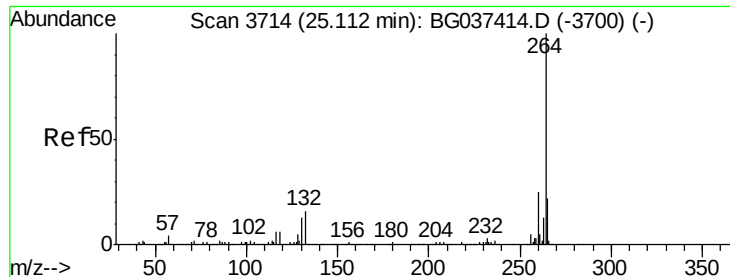
Tgt Ion:149 Resp: 164447
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.306 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:276 Resp: 157971
Ion Ratio Lower Upper
276 100
138 8.1 12.0 18.0#
277 21.8 20.6 30.8

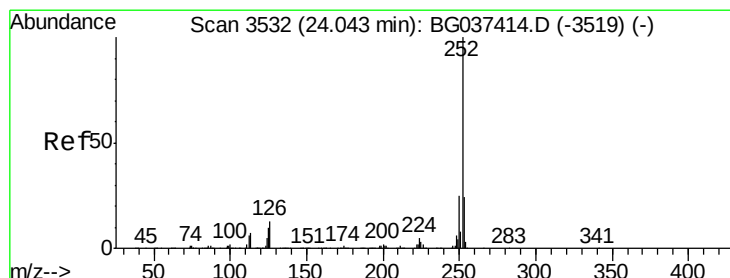
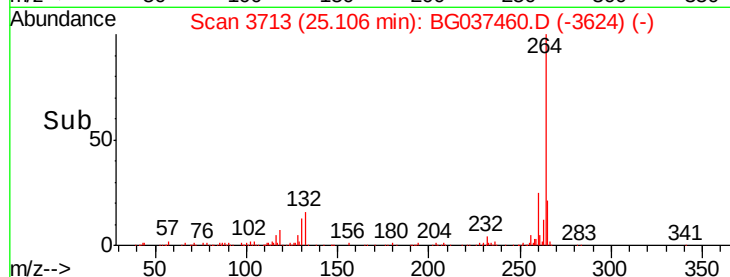
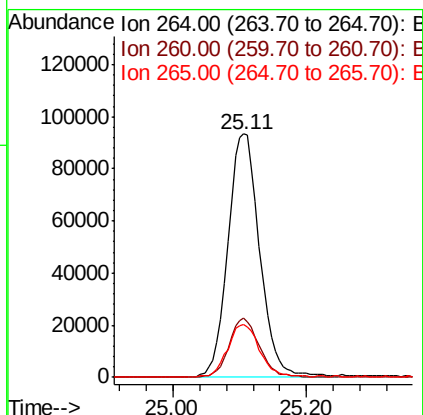
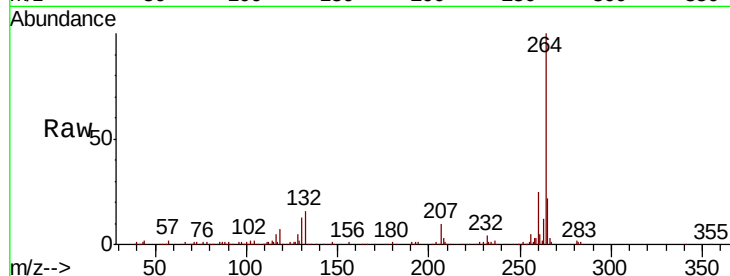




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

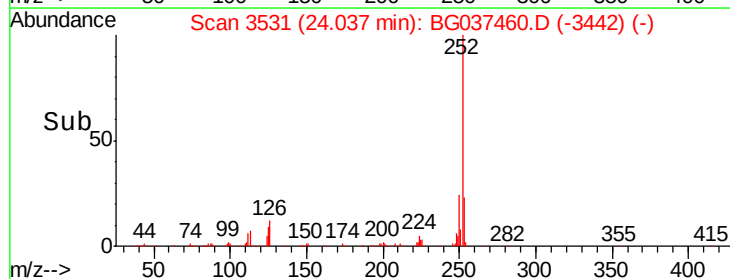
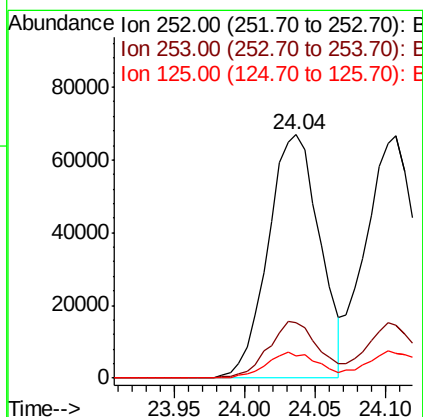
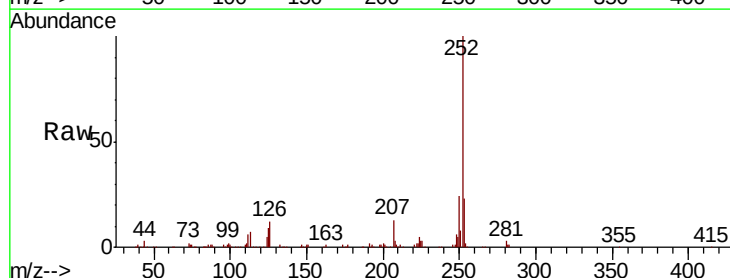
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

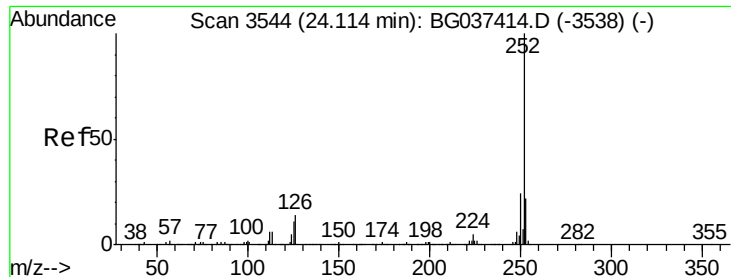
Tgt Ion:264 Resp: 310996
Ion Ratio Lower Upper
264 100
260 24.5 18.2 27.4
265 21.7 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 10.027 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:252 Resp: 170957
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 10.511 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

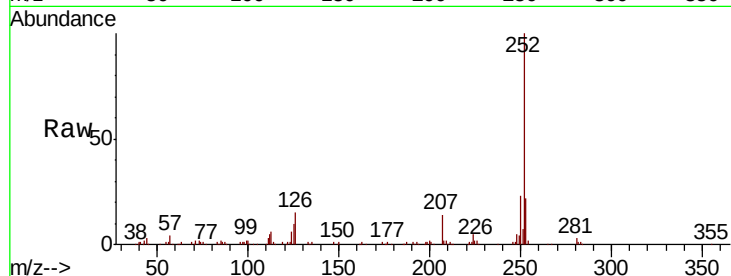
Tgt Ion:252 Resp: 175586

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

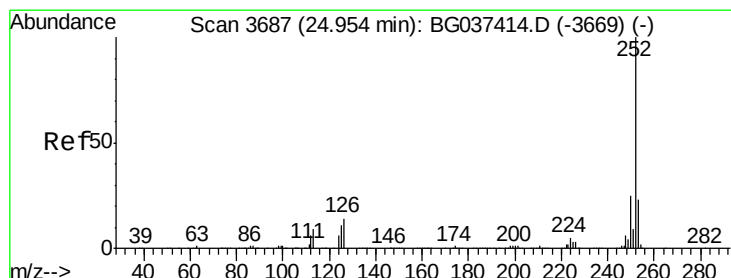
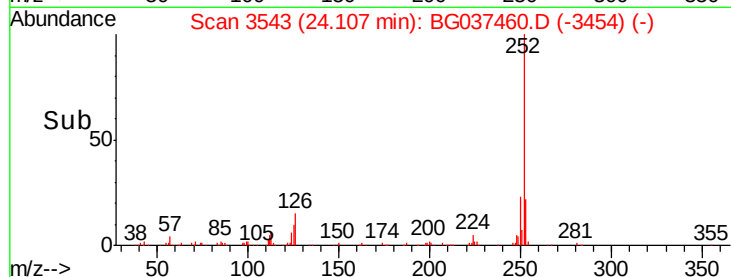
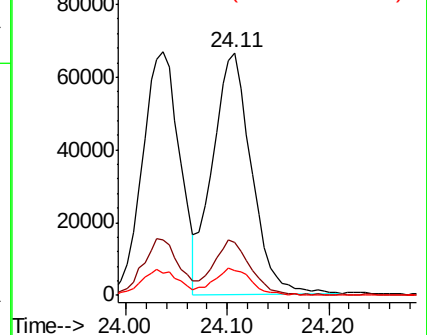
125 10.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 10.236 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

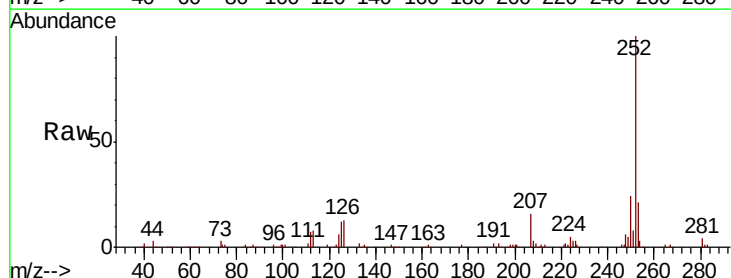
Tgt Ion:252 Resp: 165838

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

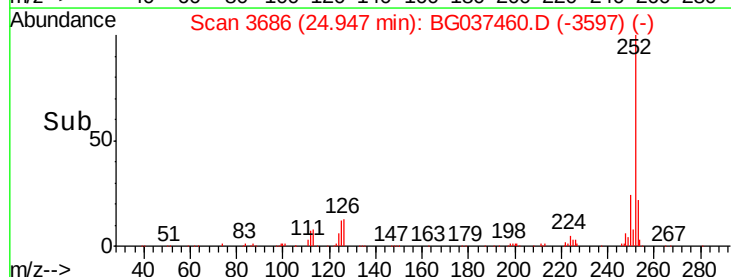
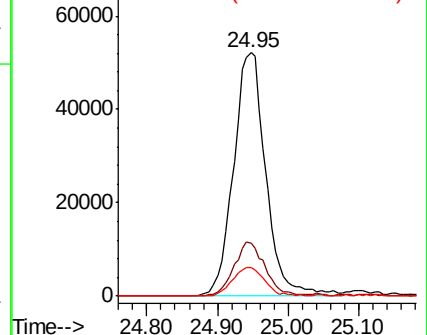
125 11.5 9.0 13.6

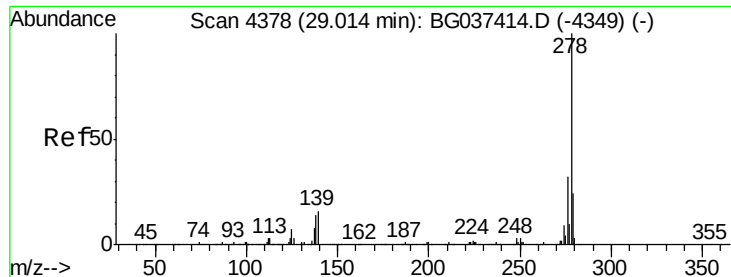


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 8.332 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

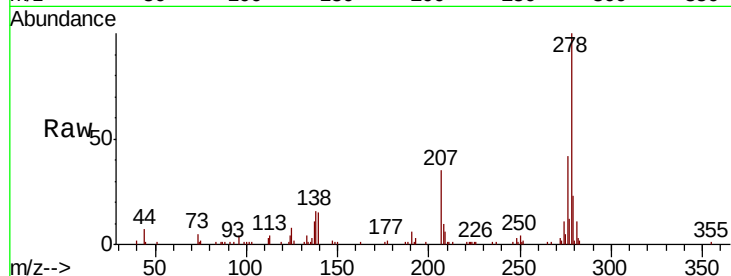
Tgt Ion: 278 Resp: 124518

Ion Ratio Lower Upper

278 100

139 15.4 11.5 17.3

279 23.1 18.6 27.8

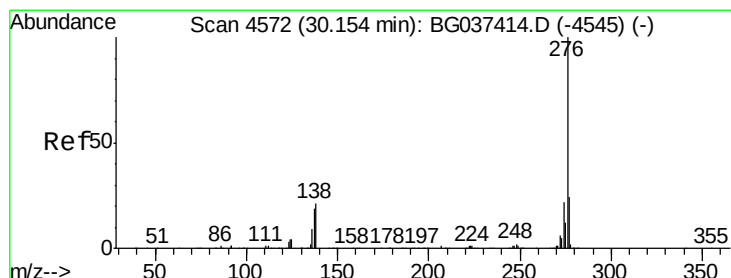
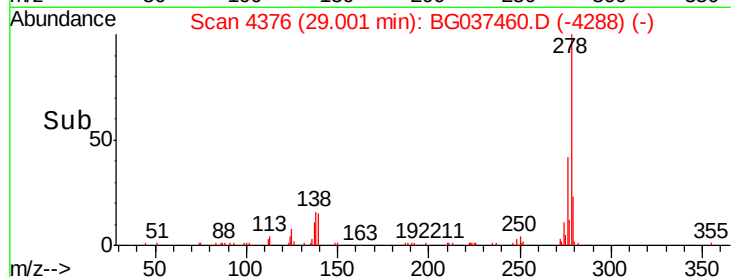
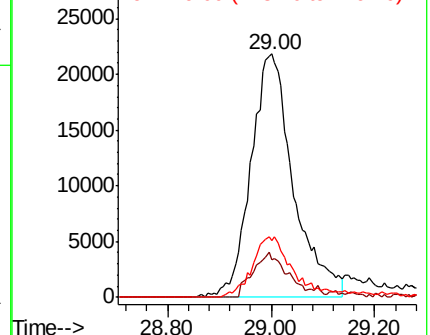


Abundance

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: 9.063 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.02 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

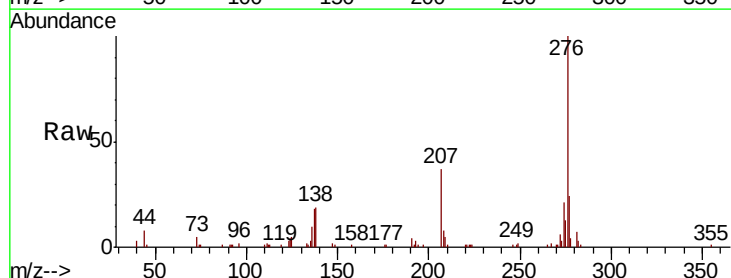
Tgt Ion: 276 Resp: 137033

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 19.0 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

