

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037434.D
 Acq On : 19 Oct 2018 00:28
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 8 PPM
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 19 07:02:36 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	43770	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	199452	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	132877	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	328257	20.00	ng	0.00
76) Chrysene-d12	21.77	240	308161	20.00	ng	0.00
87) Perylene-d12	25.10	264	305616	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	434968	166.14	ng	0.00
7) Phenol-d6	7.25	99	627386	158.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	347356	97.56	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242567	167.37	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	840974	95.44	ng	0.00
79) Terphenyl-d14	20.08	244	1328095	92.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	11136	8.388	ng	96
3) Pyridine	3.94	79	29985	8.960	ng	99
4) n-Nitrosodimethylamine	3.86	42	12201	10.236	ng	# 98
6) Aniline	7.43	93	32590	6.748	ng	96
8) 2-Chlorophenol	7.66	128	27739	9.057	ng	88
9) Benzaldehyde	7.25	77	22081	8.917	ng	96
10) Phenol	7.27	94	39409	9.435	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	28603	9.016	ng	99
12) 1,3-Dichlorobenzene	8.00	146	31911	9.359	ng	95
13) 1,4-Dichlorobenzene	8.14	146	31451	9.018	ng	98
14) 1,2-Dichlorobenzene	8.46	146	29898	8.911	ng	96
15) Benzyl Alcohol	8.34	79	24857	8.498	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	52407	9.232	ng	97
17) 2-Methylphenol	8.53	107	24689	8.941	ng	98
18) Hexachloroethane	9.19	117	10610	8.923	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	22042	8.086	ng	90
20) 3+4-Methylphenols	8.86	107	33953	8.600	ng	99
22) Acetophenone	8.94	105	46762	9.348	ng	# 97
24) Nitrobenzene	9.32	77	35068	9.481	ng	97
25) Isophorone	9.84	82	64405	9.900	ng	99
26) 2-Nitrophenol	10.04	139	12833	7.702	ng	98
27) 2,4-Dimethylphenol	10.08	122	30695	10.317	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	41479	9.732	ng	99
29) 2,4-Dichlorophenol	10.56	162	29809	8.999	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	31365	8.707	ng	95
31) Naphthalene	10.98	128	98235	10.027	ng	99
32) Benzoic acid	10.12	122	6618	3.425	ng	# 75
33) 4-Chloroaniline	11.09	127	30934	6.720	ng	96
34) Hexachlorobutadiene	11.25	225	18794	8.803	ng	# 88
35) Caprolactam	11.85	113	10411	7.837	ng	90
36) 4-Chloro-3-methylphenol	12.19	107	34040	9.112	ng	96
37) 2-Methylnaphthalene	12.57	142	73909	10.350	ng	98
38) 1-Methylnaphthalene	12.79	142	71474	10.306	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	38169	8.905	ng	97

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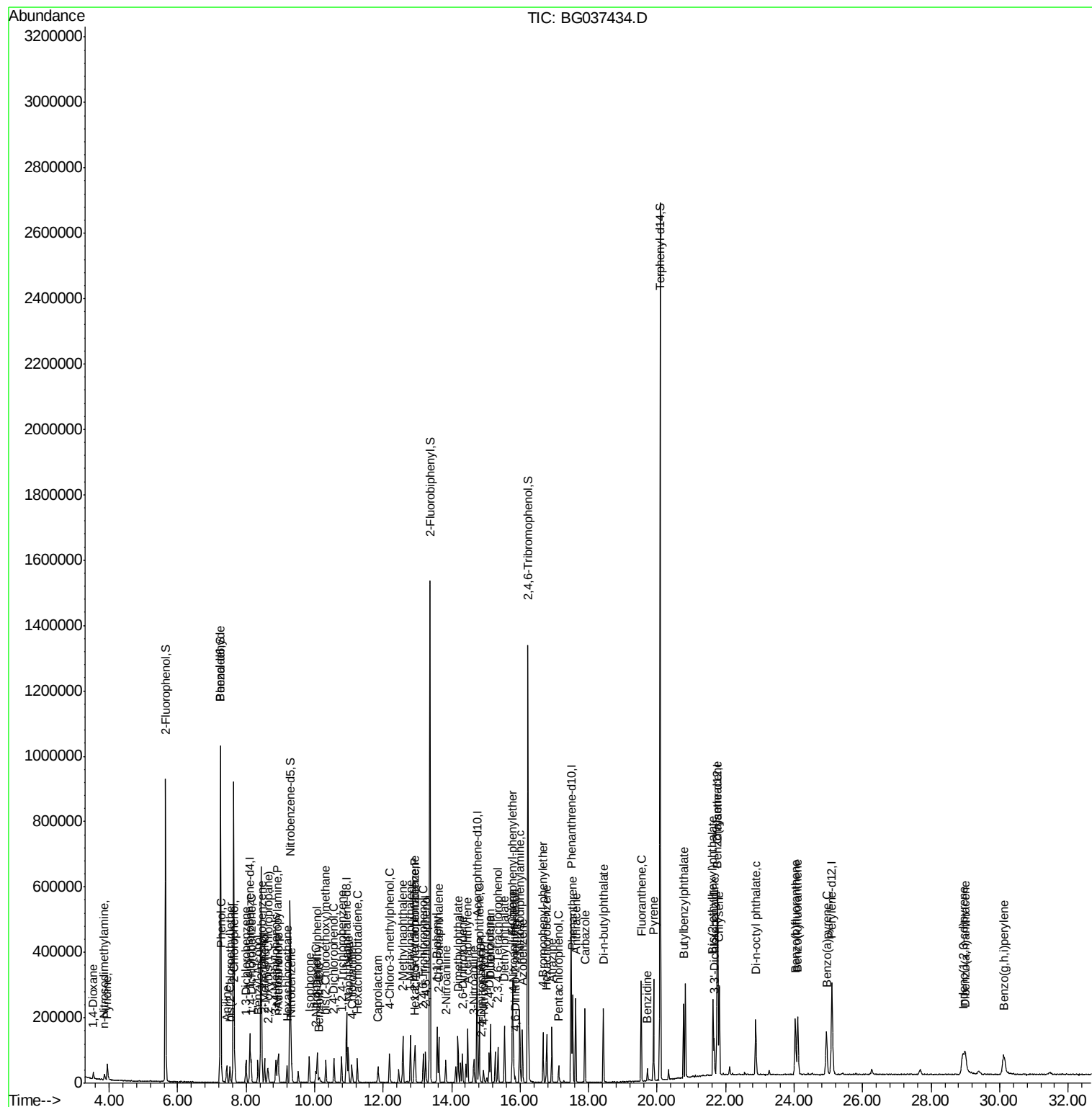
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	19134	9.346	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	24660	8.612	ng	93
44) 2,4,5-Trichlorophenol	13.24	196	27471	8.812	ng	98
46) 1,1'-Biphenyl	13.57	154	95564	8.684	ng	97
47) 2-Chloronaphthalene	13.63	162	76534	9.193	ng	97
48) 2-Nitroaniline	13.83	65	21474	8.506	ng	95
49) Acenaphthylene	14.47	152	129299	10.324	ng	97
50) Dimethylphthalate	14.18	163	101763	9.900	ng	# 99
51) 2,6-Dinitrotoluene	14.31	165	19402	8.532	ng	97
52) Acenaphthene	14.81	154	76243	9.885	ng	94
53) 3-Nitroaniline	14.64	138	19640	7.780	ng	96
54) 2,4-Dinitrophenol	14.85	184	1201	8.380	ng	# 1
55) Dibenzofuran	15.14	168	128454	10.052	ng	97
56) 4-Nitrophenol	14.93	139	12947	6.929	ng	94
57) 2,4-Dinitrotoluene	15.09	165	26043	8.724	ng	98
58) Fluorene	15.78	166	101624	10.620	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	23112	8.658	ng	94
60) Diethylphthalate	15.54	149	103476	9.805	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	52000	9.323	ng	98
62) 4-Nitroaniline	15.81	138	20828	8.303	ng	97
63) Azobenzene	16.06	77	101733	10.103	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	5304	11.041	ng	92
66) n-Nitrosodiphenylamine	15.99	169	91349	9.251	ng	96
67) 4-Bromophenyl-phenylether	16.67	248	32145	8.917	ng	95
68) Hexachlorobenzene	16.77	284	32789	8.776	ng	95
69) Atrazine	16.93	200	32869	9.207	ng	94
70) Pentachlorophenol	17.12	266	11365	4.541	ng	89
71) Phenanthrene	17.53	178	178337	10.690	ng	98
72) Anthracene	17.62	178	175998	10.750	ng	98
73) Carbazole	17.89	167	153885	9.396	ng	95
74) Di-n-butylphthalate	18.43	149	172177	9.451	ng	97
75) Fluoranthene	19.53	202	199806	10.560	ng	99
77) Benzidine	19.71	184	27366	2.612	ng	98
78) Pyrene	19.89	202	201757	10.015	ng	97
80) Butylbenzylphthalate	20.77	149	71240	8.641	ng	96
81) Benzo(a)anthracene	21.75	228	185944	10.201	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	44964	6.364	ng	96
83) Chrysene	21.82	228	175608	10.019	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	100833	8.725	ng	98
85) Di-n-octyl phthalate	22.88	149	163588	8.681	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	157468	8.376	ng	# 83
88) Benzo(b)fluoranthene	24.04	252	172310	10.284	ng	99
89) Benzo(k)fluoranthene	24.10	252	170655	10.396	ng	98
90) Benzo(a)pyrene	24.94	252	162752	10.222	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	126523	8.615	ng	99
92) Benzo(g,h,i)perylene	30.12	276	136903	9.214	ng	96

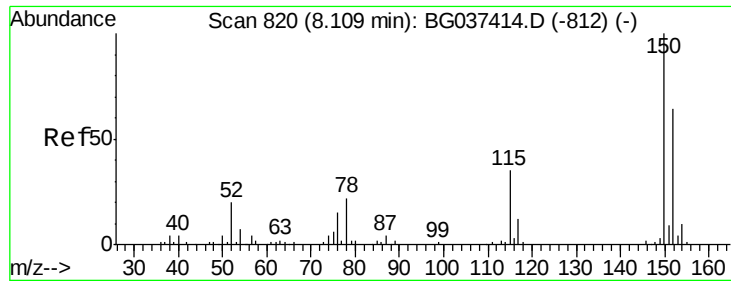
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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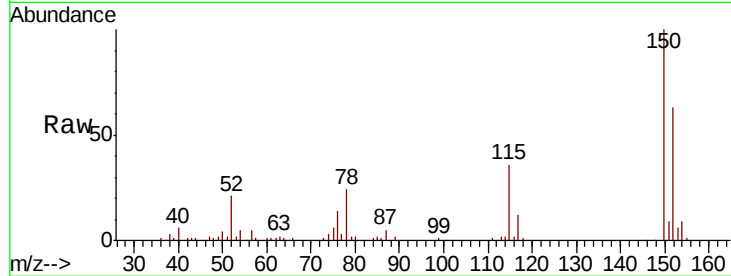


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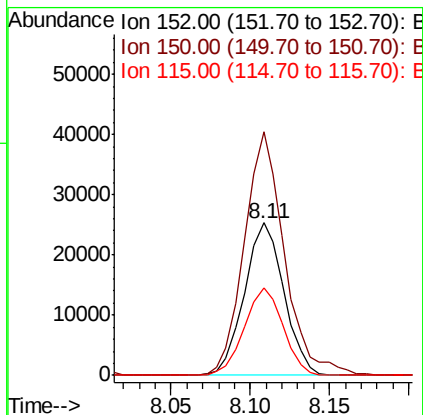
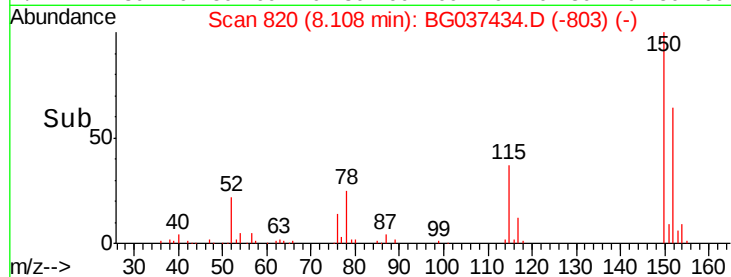
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion:152 Resp: 43770
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 57.1 45.5 68.3



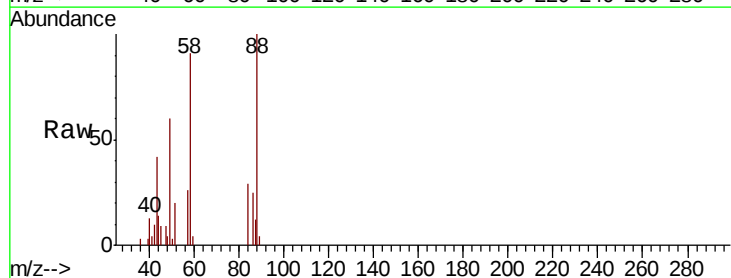
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



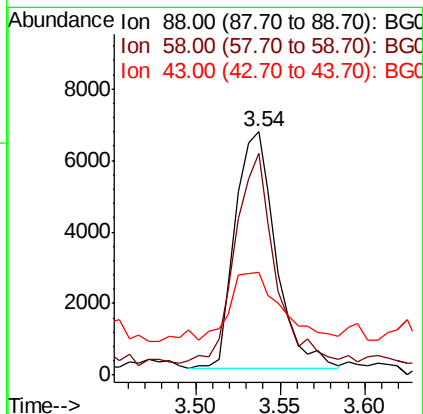
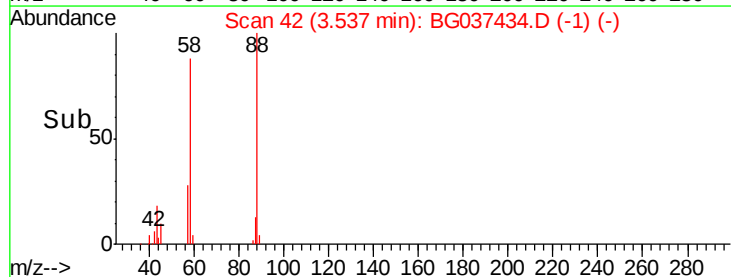
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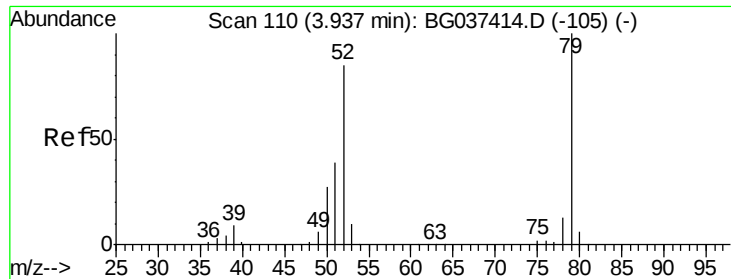
1,4-Dioxane
Concen: 8.388 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion: 88 Resp: 11136
Ion Ratio Lower Upper
88 100
58 89.5 74.4 111.6
43 34.9 25.8 38.8



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





#3

Pvridine

Concen: 8.960 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

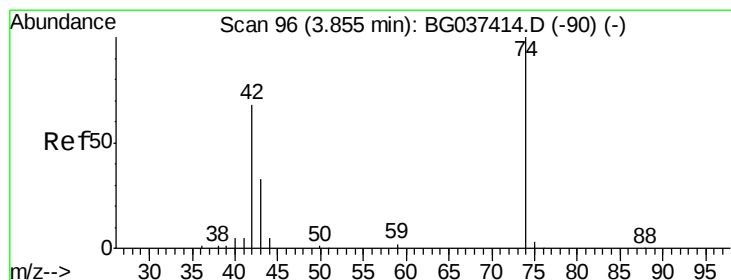
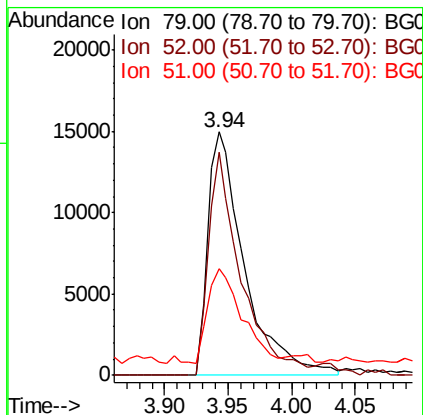
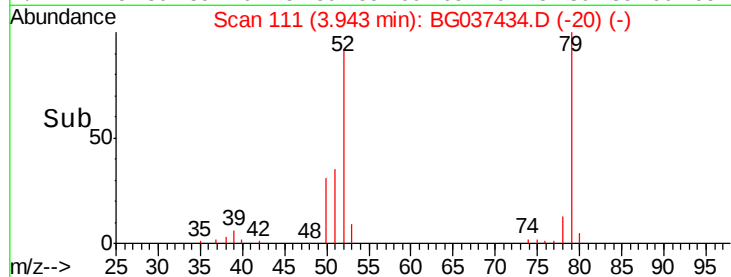
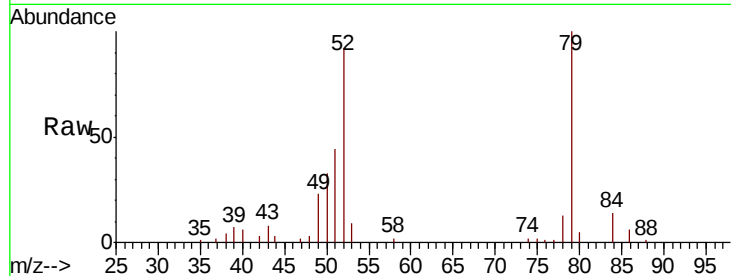
Tot Ion: 79 Resp: 29985

Ion Ratio Lower Upper

79 100

52 91.8 74.2 111.2

51 43.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 10.236 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

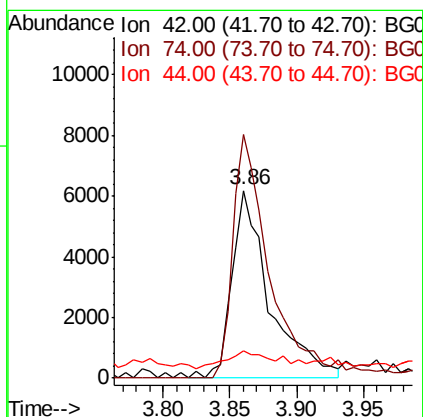
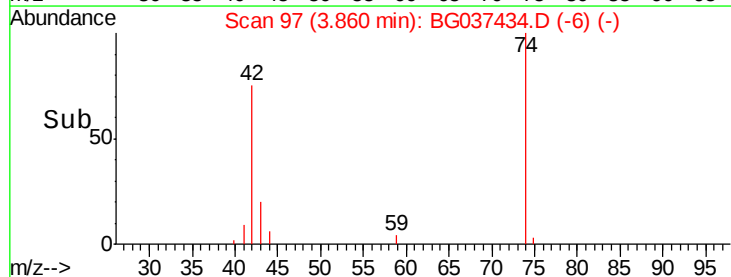
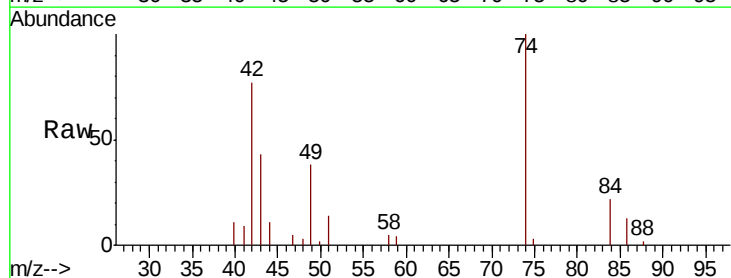
Tgt Ion: 42 Resp: 12201

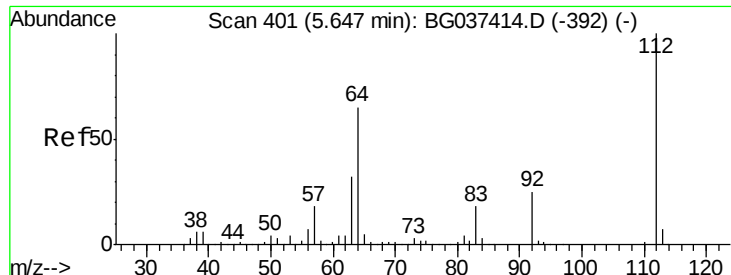
Ion Ratio Lower Upper

42 100

74 129.6 102.0 153.0

44 14.6 9.6 14.4#





#5

2-Fluorophenol

Concen: 166.142 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037434.D

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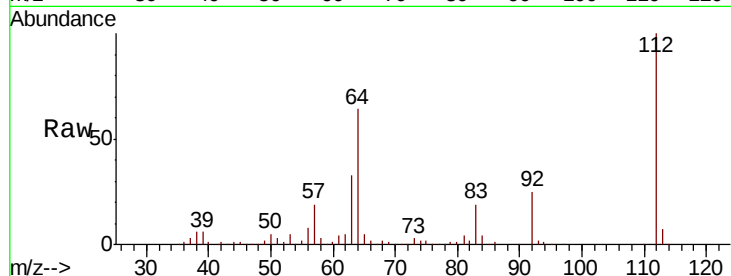
Tot Ion:112 Resp: 434968

Ion Ratio Lower Upper

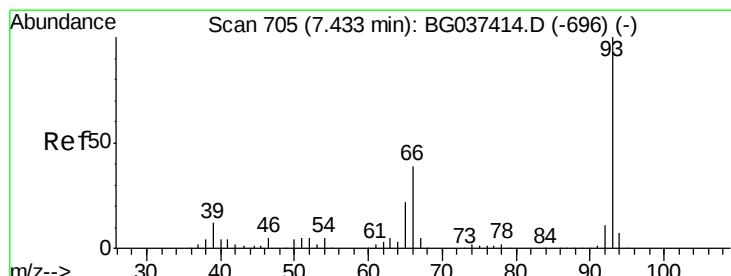
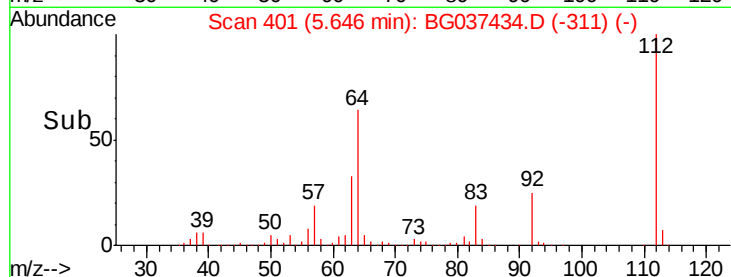
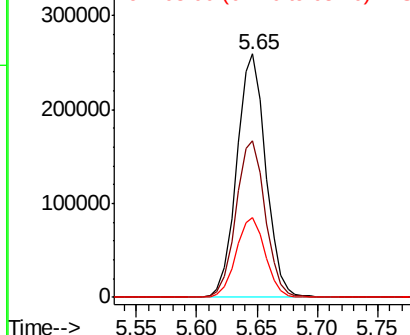
112 100

64 64.5 53.1 79.7

63 32.9 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: 6.748 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

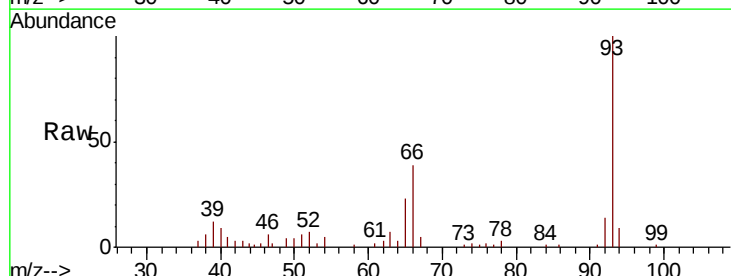
Tgt Ion: 93 Resp: 32590

Ion Ratio Lower Upper

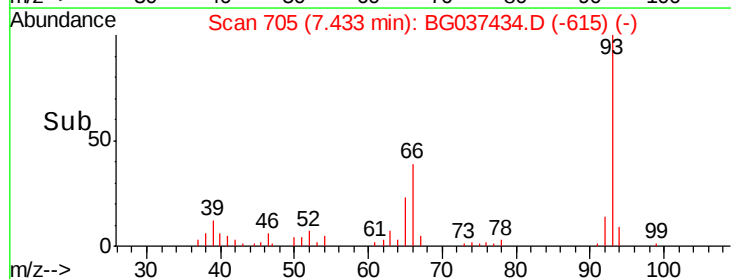
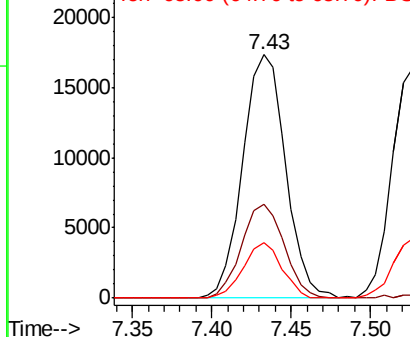
93 100

66 38.5 32.8 49.2

65 22.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.478 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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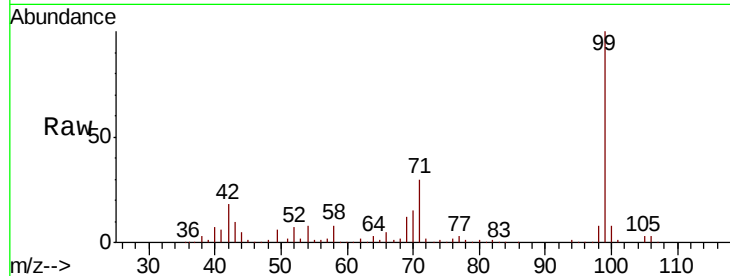
Tot Ion: 99 Resp: 627386

Ion Ratio Lower Upper

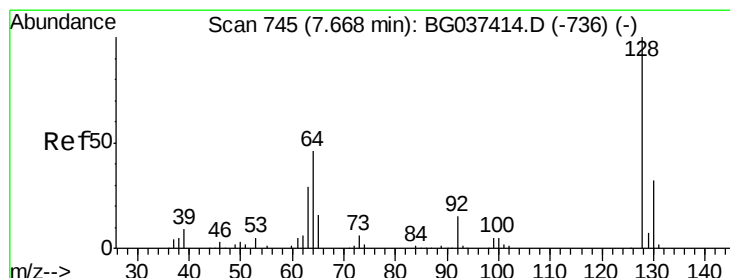
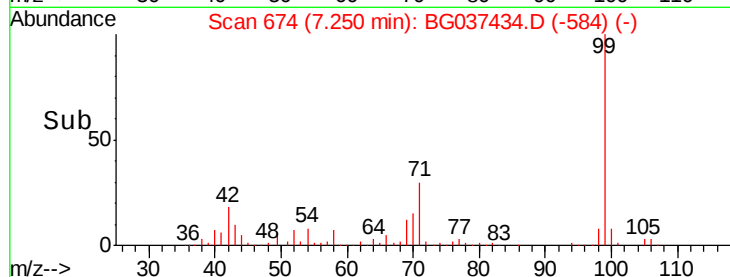
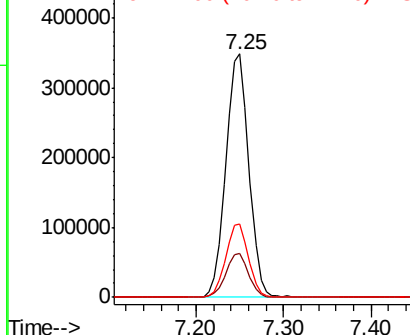
99 100

42 18.2 15.0 22.4

71 30.3 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: 9.057 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

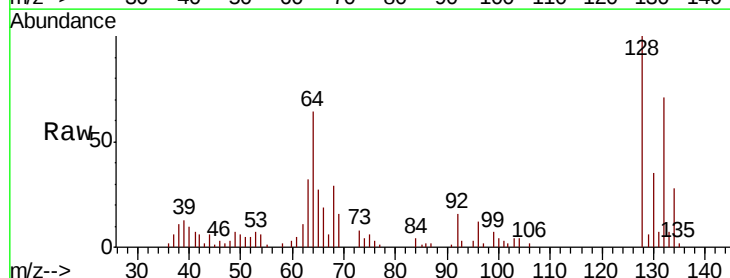
Tgt Ion: 128 Resp: 27739

Ion Ratio Lower Upper

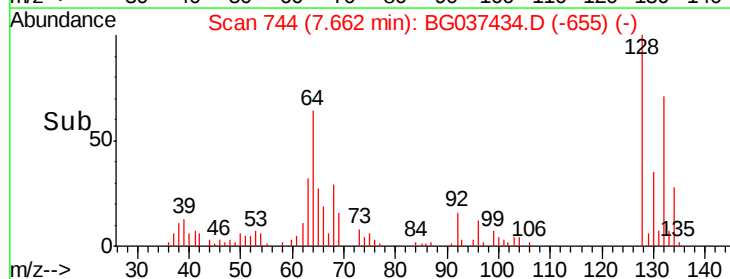
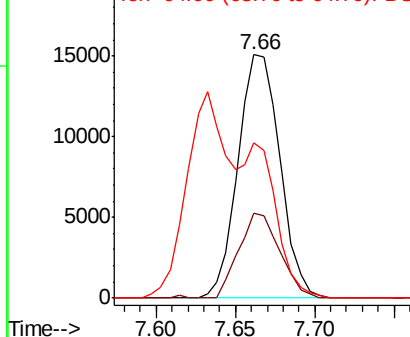
128 100

130 34.9 12.0 52.0

64 63.8 32.9 72.9



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





#9

Benzaldehyde

Concen: 8.917 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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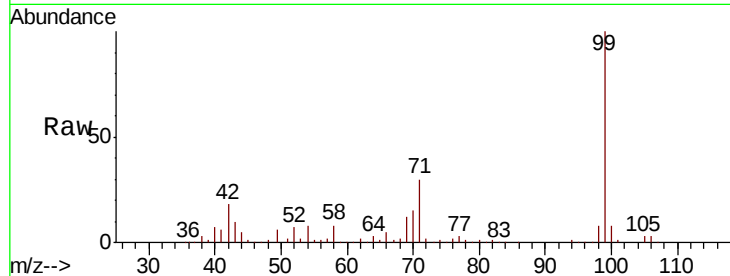
Tot Ion: 77 Resp: 22081

Ion Ratio Lower Upper

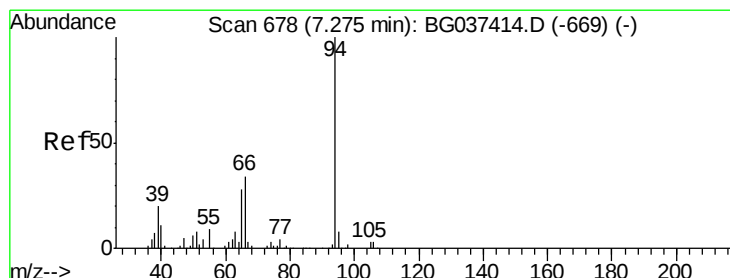
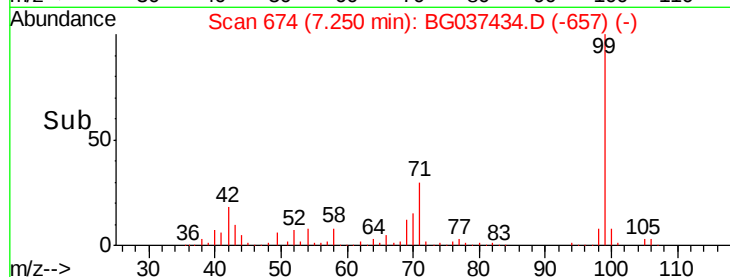
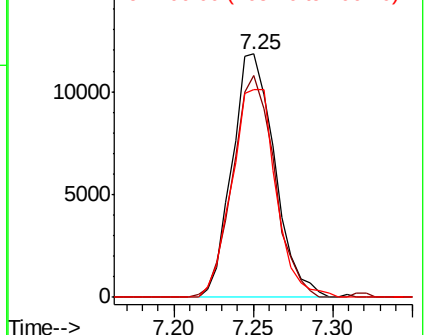
77 100

105 91.0 72.6 112.6

106 85.1 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: 9.435 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

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Acq: 19 Oct 2018 00:28

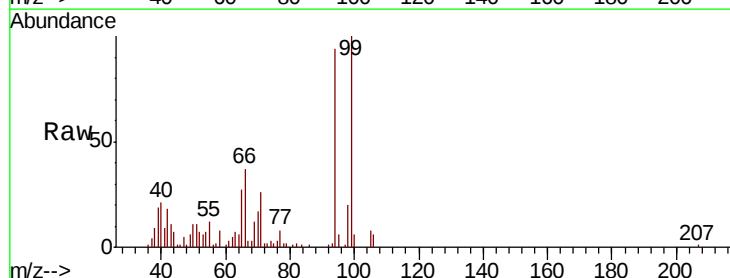
Tgt Ion: 94 Resp: 39409

Ion Ratio Lower Upper

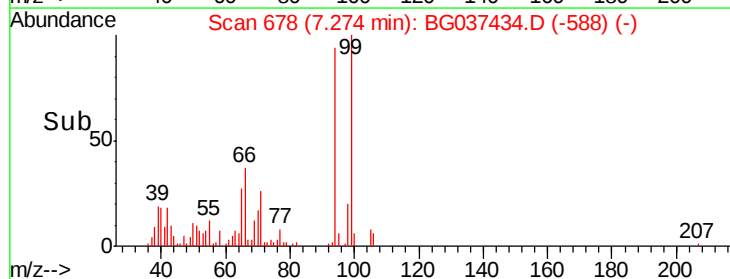
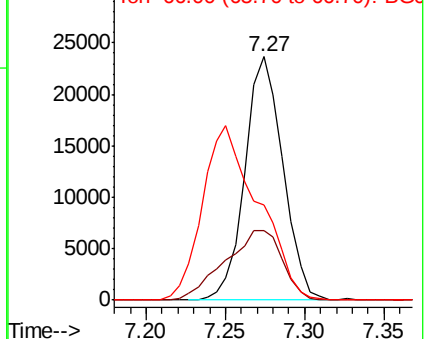
94 100

65 28.6 9.7 49.7

66 39.2 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

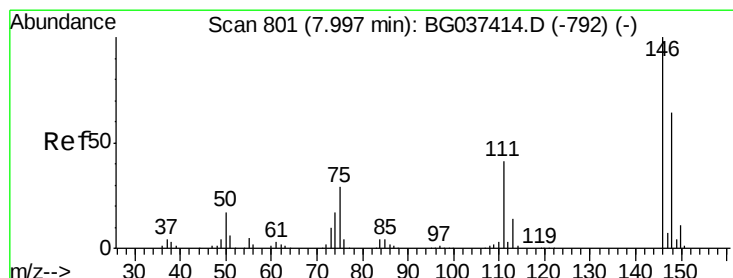
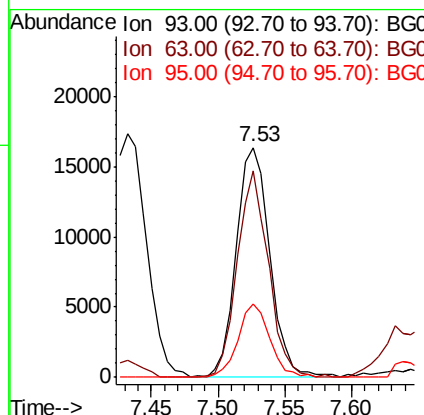
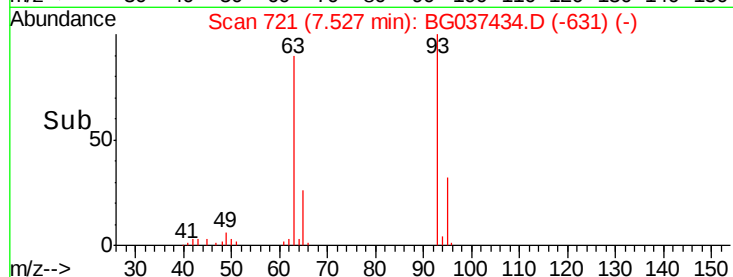
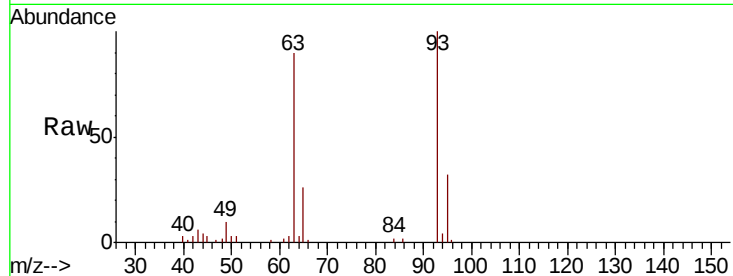




#11
bis(2-Chloroethyl)ether
Concen: 9.016 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

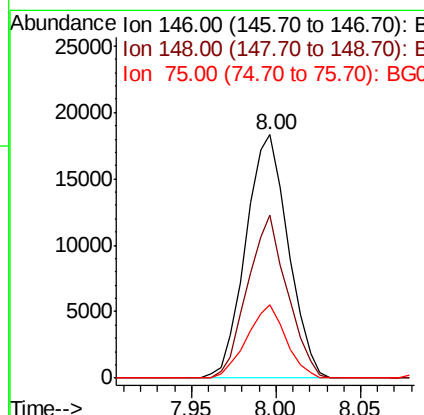
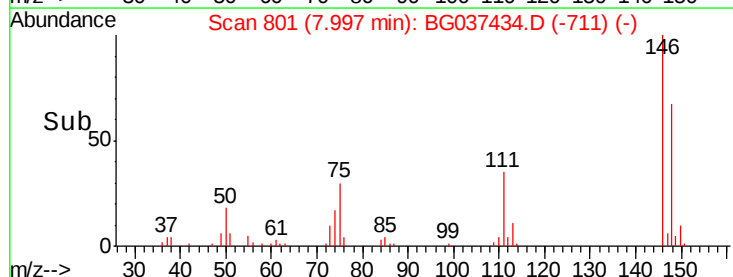
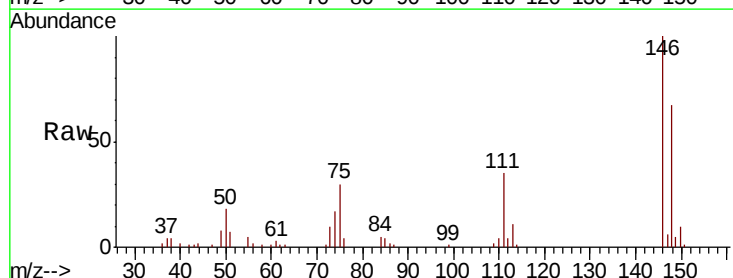
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

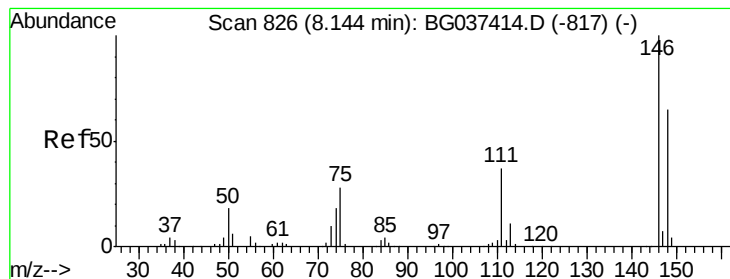
Tot Ion: 93 Resp: 28603
Ion Ratio Lower Upper
93 100
63 90.0 69.5 109.5
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 9.359 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion: 146 Resp: 31911
Ion Ratio Lower Upper
146 100
148 67.0 49.8 74.8
75 30.2 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 9.018 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

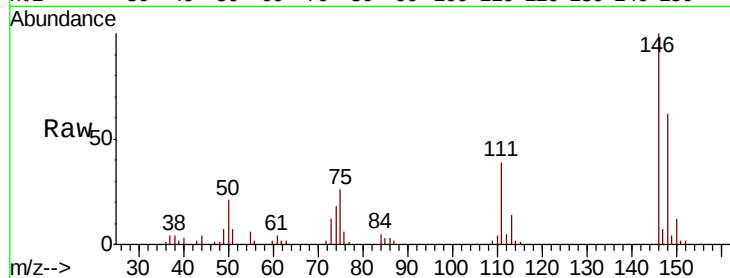
Tot Ion:146 Resp: 31451

Ion Ratio Lower Upper

146 100

148 62.1 51.0 76.6

111 38.8 32.4 48.6

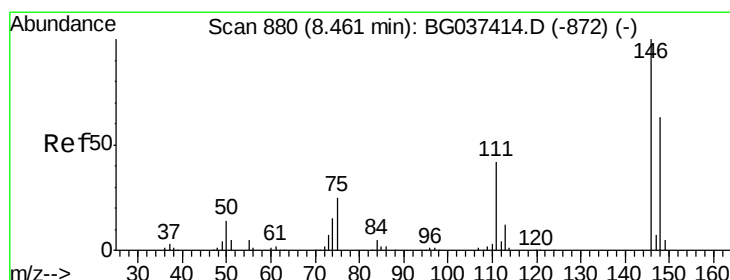
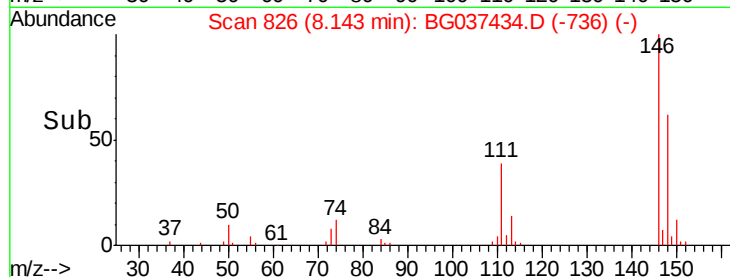
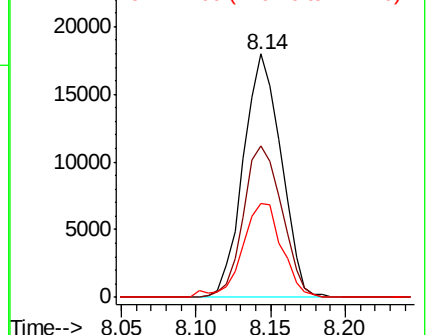


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.911 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

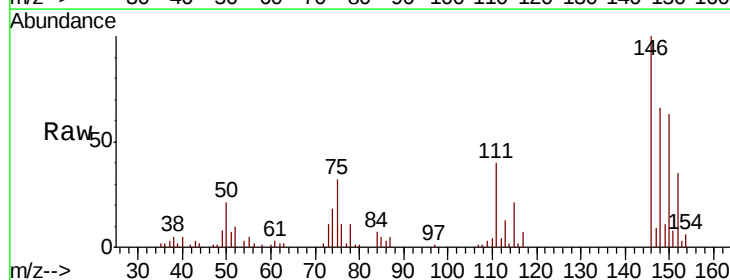
Tgt Ion:146 Resp: 29898

Ion Ratio Lower Upper

146 100

148 65.9 50.4 75.6

111 40.3 34.6 51.8

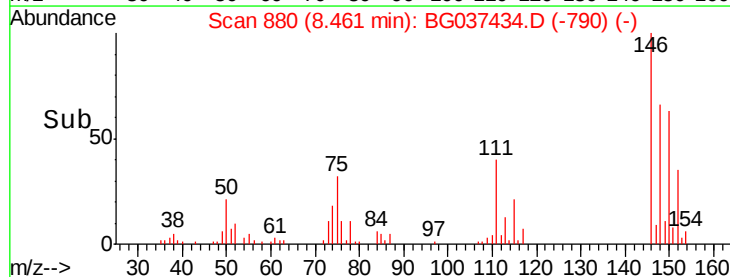
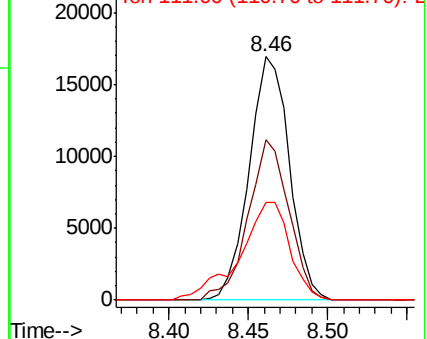


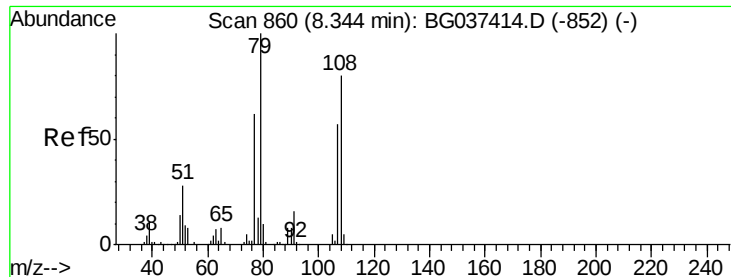
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.498 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

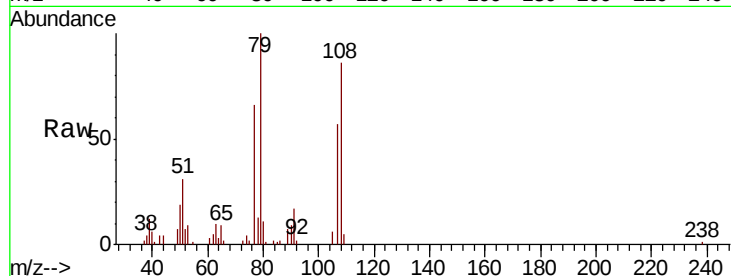
Tot Ion: 79 Resp: 24857

Ion Ratio Lower Upper

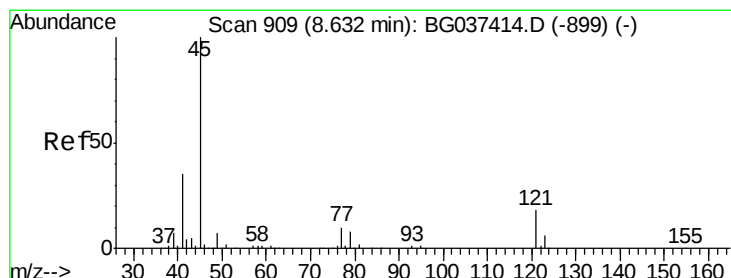
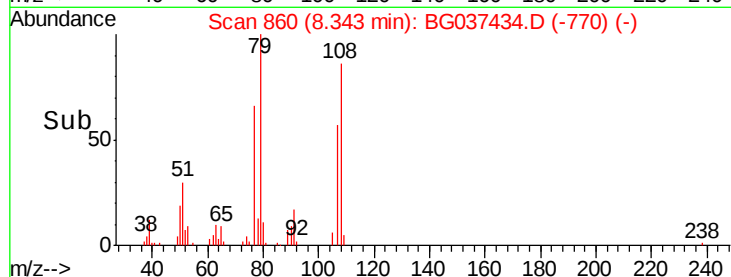
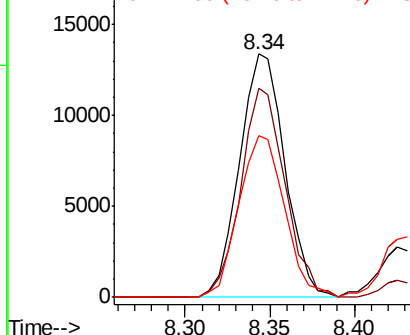
79 100

108 86.1 65.8 98.8

77 66.3 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: 9.232 ng

RT: 8.64 min Scan# 910

Delta R.T. 0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

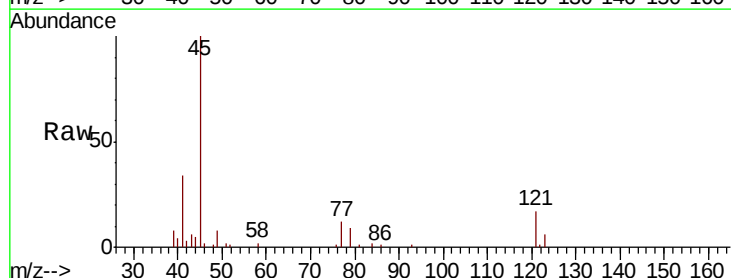
Tgt Ion: 45 Resp: 52407

Ion Ratio Lower Upper

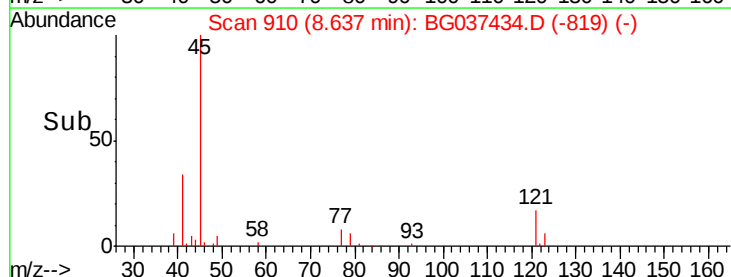
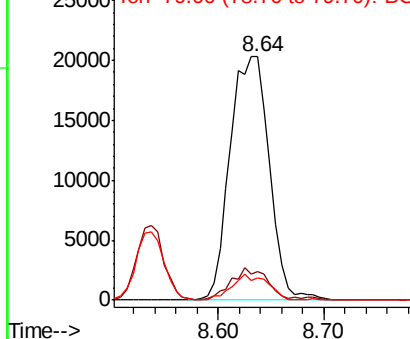
45 100

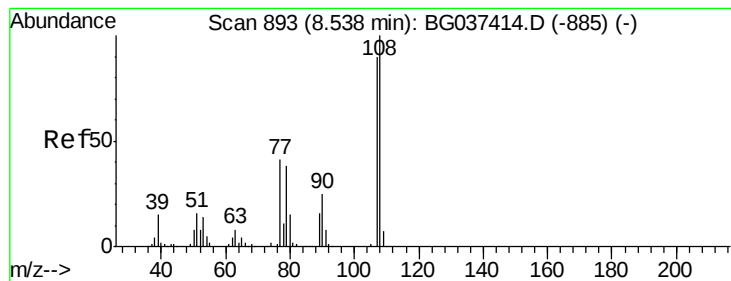
77 11.8 0.0 30.0

79 9.2 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: 8.941 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:107 Resp: 24689

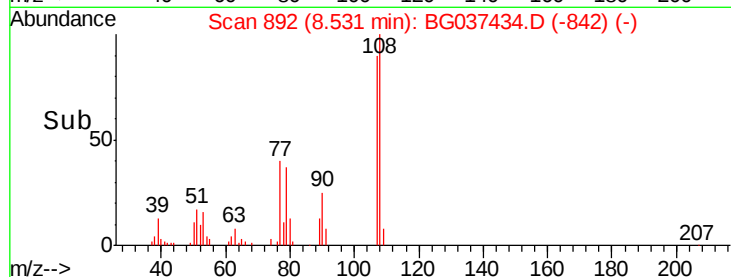
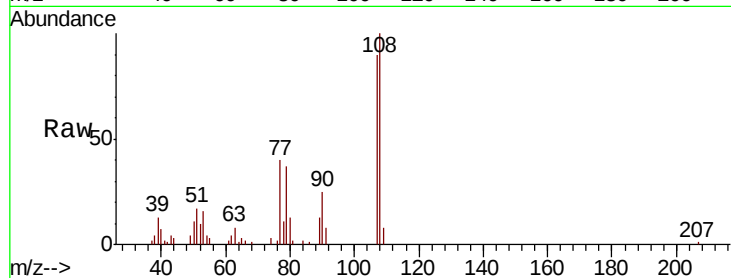
Ion Ratio Lower Upper

107 100

108 111.5 87.9 131.9

77 44.6 35.1 52.7

79 41.5 34.5 51.7



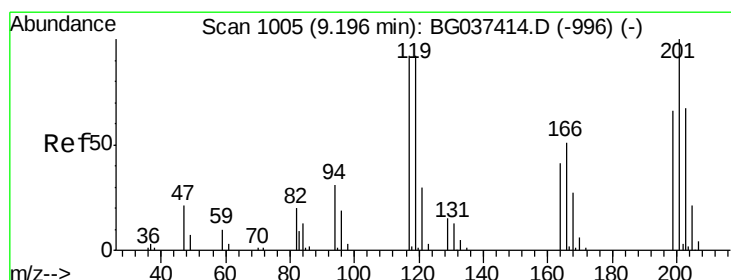
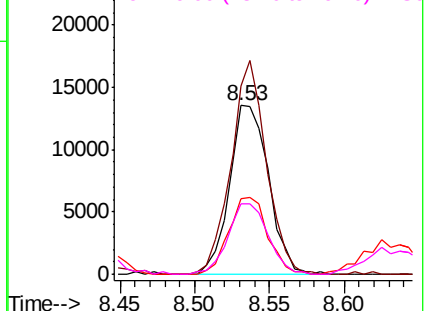
Abundance

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: 8.923 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

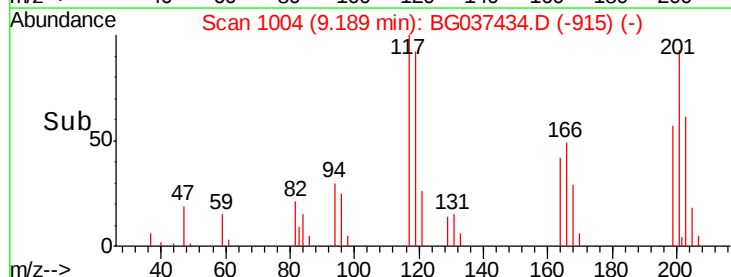
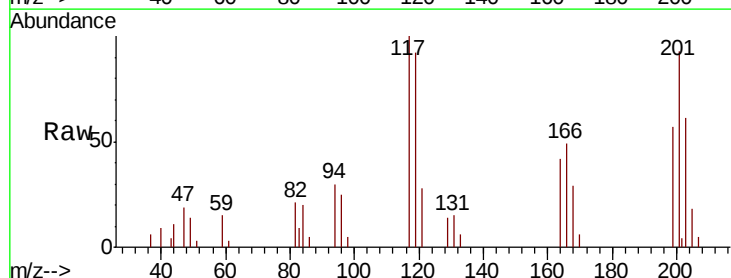
Tgt Ion:117 Resp: 10610

Ion Ratio Lower Upper

117 100

119 91.8 74.6 111.8

201 96.6 80.8 121.2

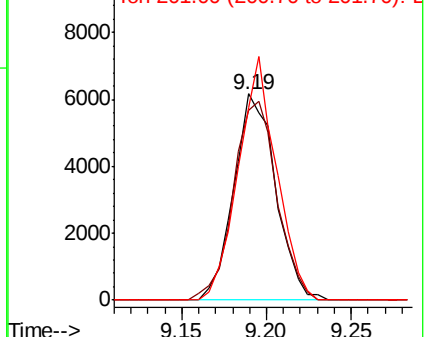


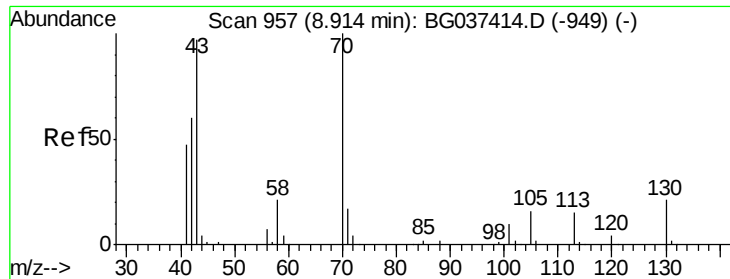
Abundance

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

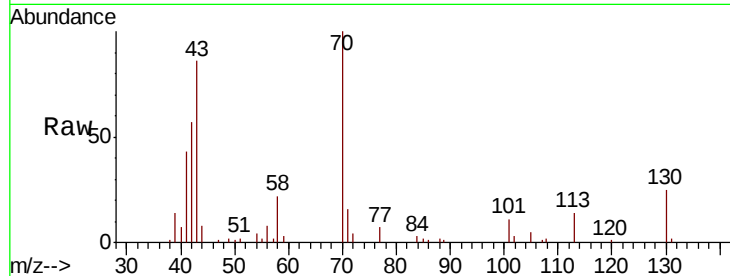




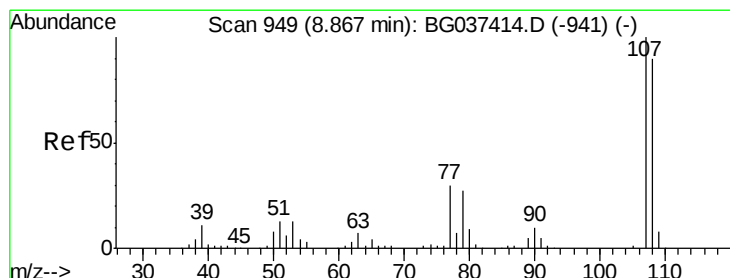
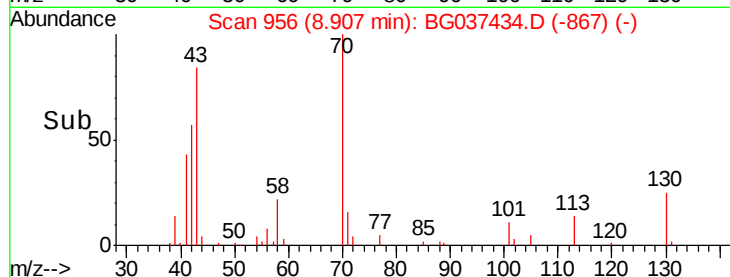
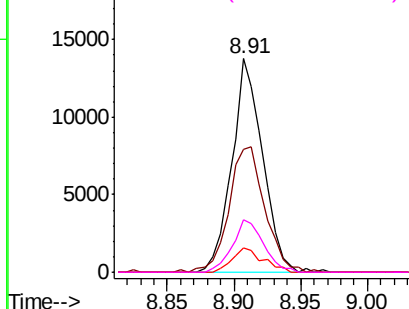
#19
n-Nitroso-di-n-propylamine
Concen: 8.086 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion:	70	Resp:	22042
Ion	Ratio	Lower	Upper
70	100		
42	57.4	53.9	80.9
101	11.5	8.2	12.2
130	24.6	18.2	27.4

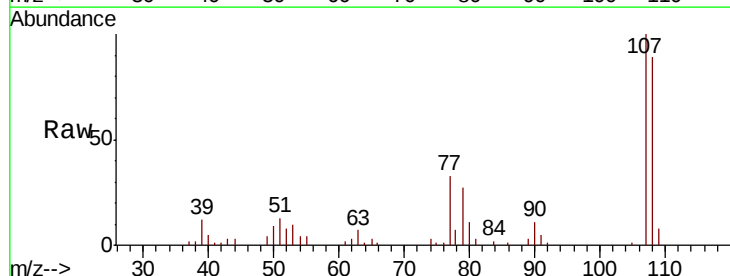


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

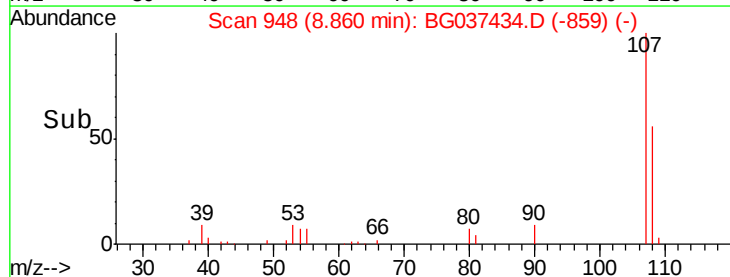
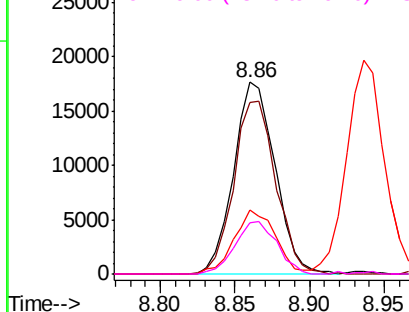


#20
3+4-Methylphenols
Concen: 8.600 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:	107	Resp:	33953
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.9	109.9
77	33.2	11.2	51.2
79	26.8	6.6	46.6



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

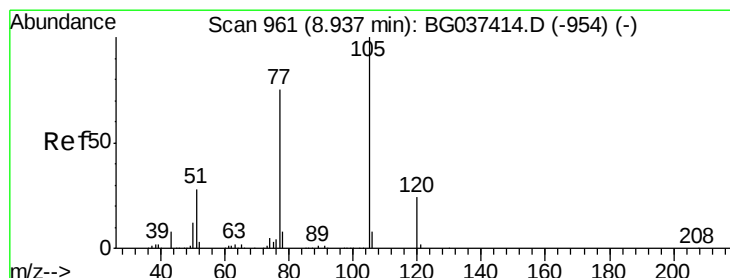
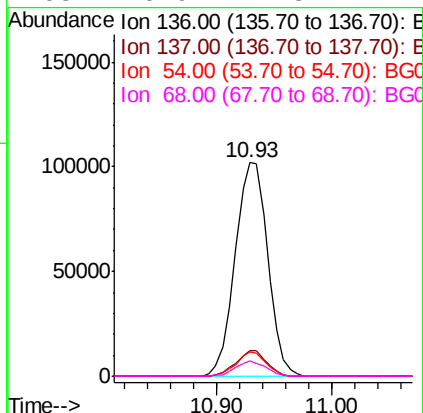
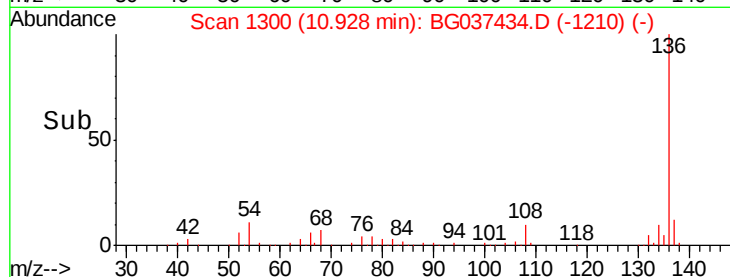
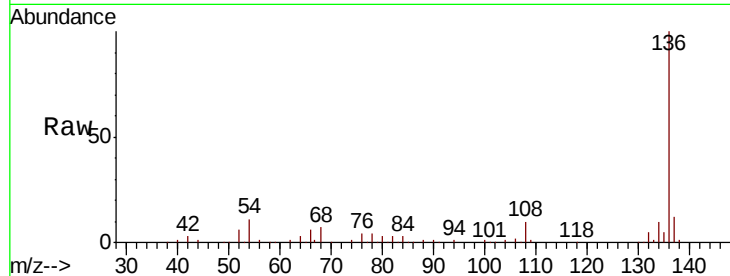




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

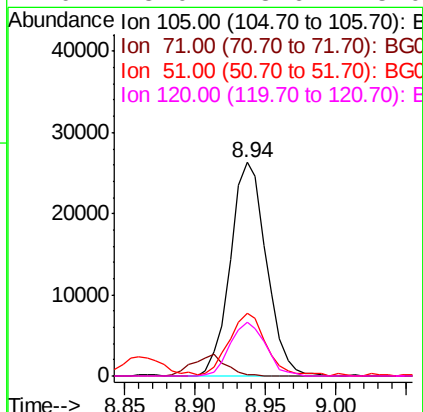
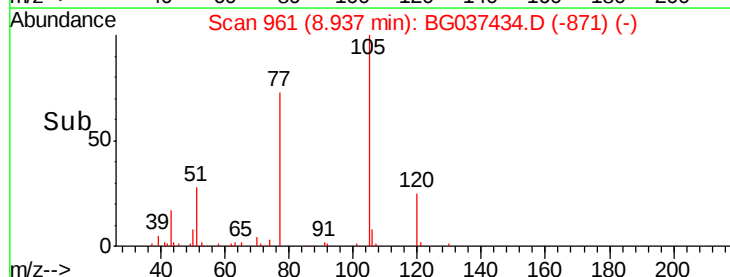
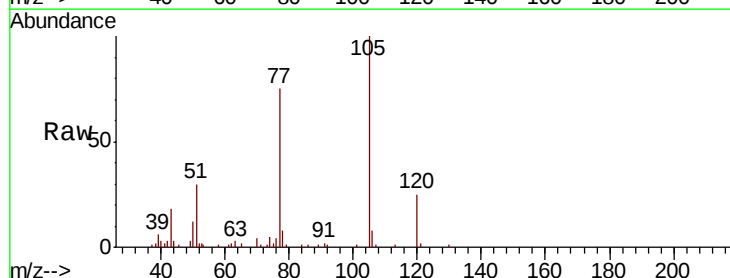
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

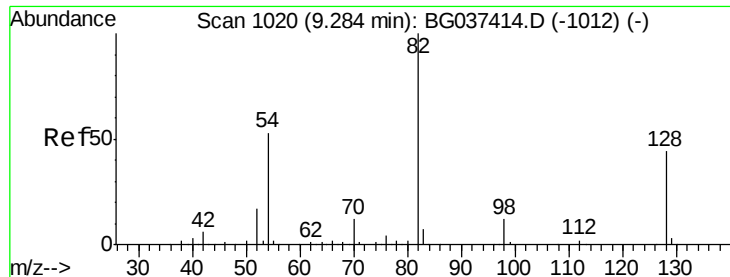
Tot Ion:136	Resp:	199452
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.6 14.4
54	11.2	7.9 11.9
68	6.9	4.8 7.2



#22
Acetophenone
Concen: 9.348 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:105	Resp:	46762
Ion	Ratio	Lower Upper
105	100	
71	0.9	1.2 1.8#
51	29.6	25.0 37.6
120	25.0	18.6 28.0

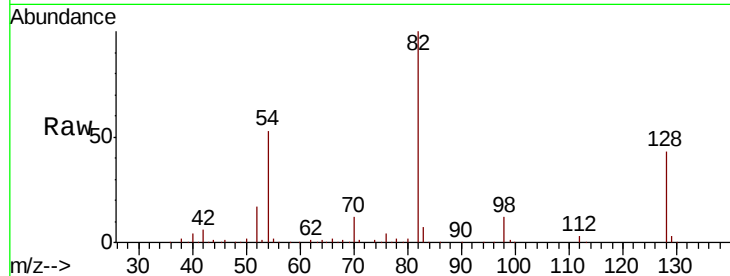




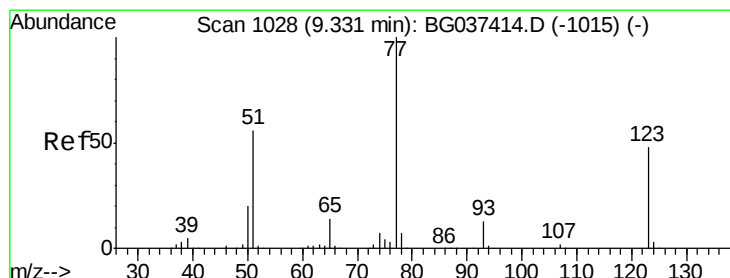
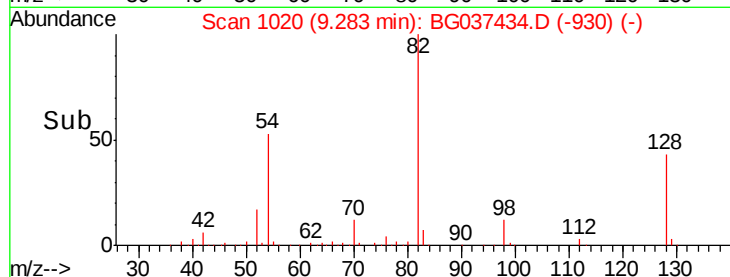
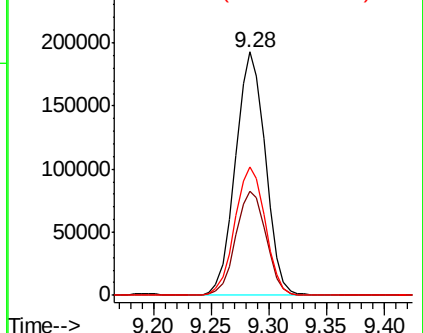
#23
Nitrobenzene-d5
Concen: 97.560 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion: 82 Resp: 347356
Ion Ratio Lower Upper
82 100
128 43.0 34.6 51.8
54 52.9 45.3 67.9

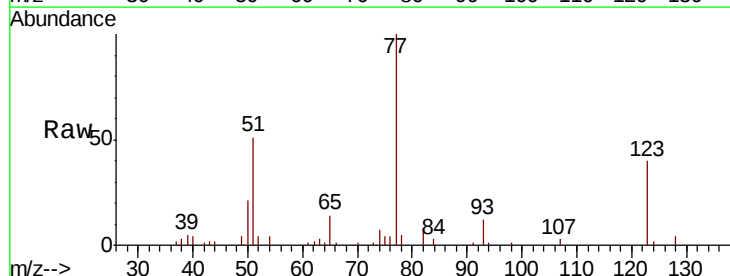


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

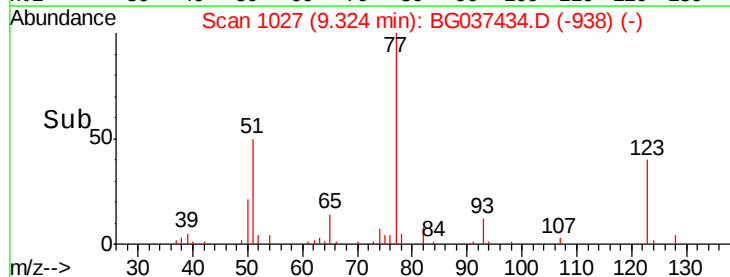
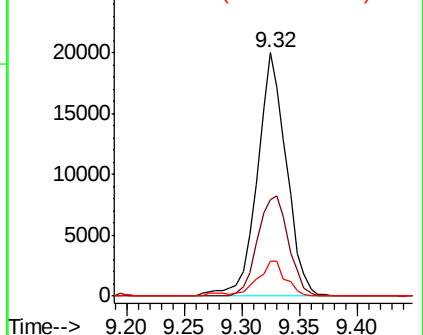


#24
Nitrobenzene
Concen: 9.481 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion: 77 Resp: 35068
Ion Ratio Lower Upper
77 100
123 39.8 33.6 50.4
65 14.3 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

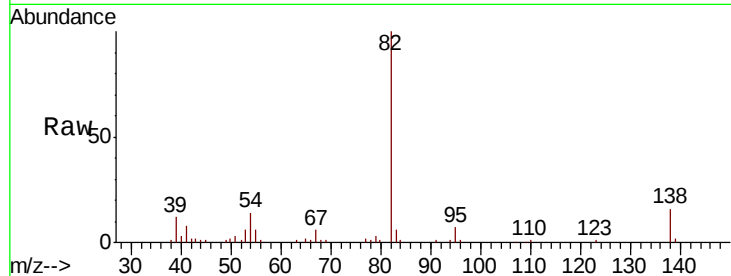




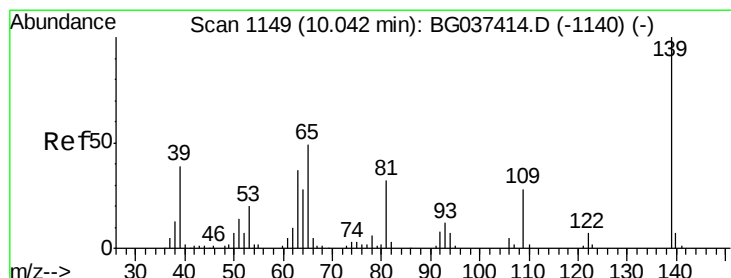
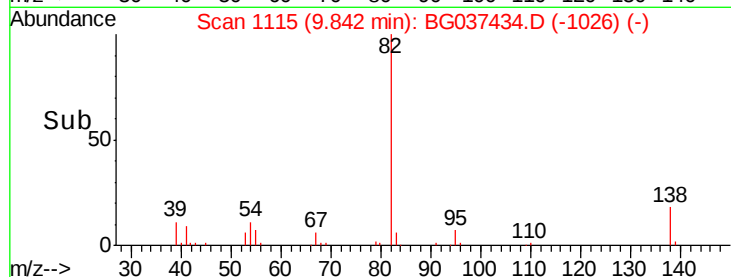
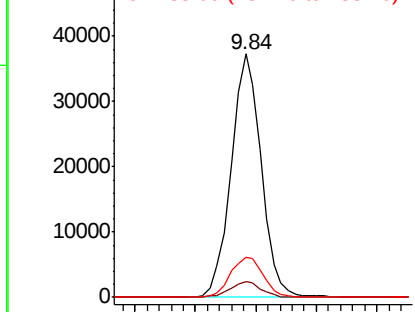
#25
Isophorone
Concen: 9.900 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion: 82 Resp: 64405
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.3 13.3 19.9

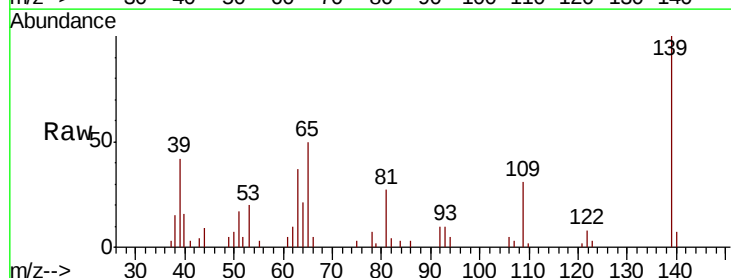


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

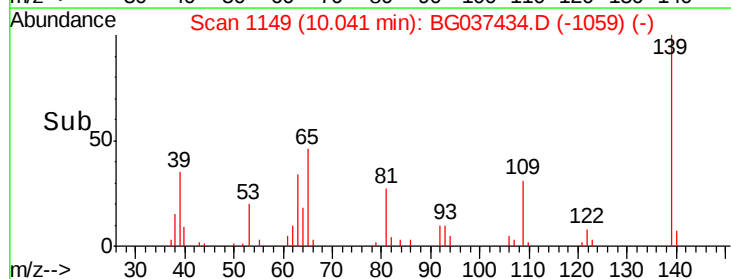
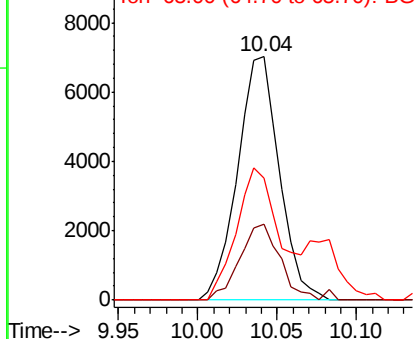


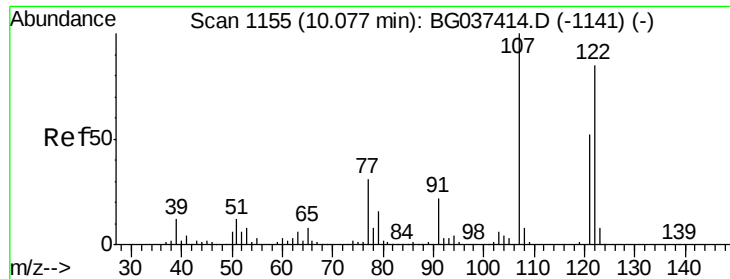
#26
2-Nitrophenol
Concen: 7.702 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion: 139 Resp: 12833
Ion Ratio Lower Upper
139 100
109 31.4 23.3 34.9
65 49.9 39.8 59.8



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

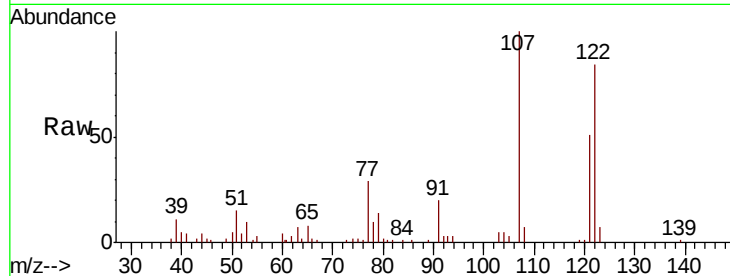




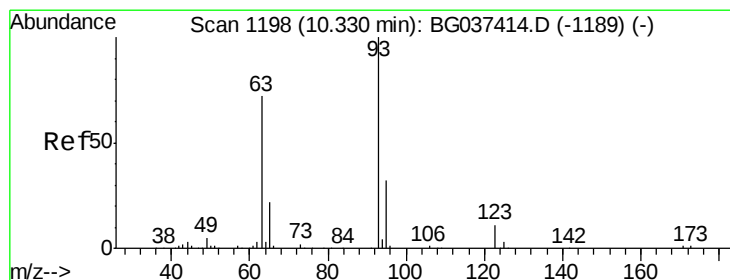
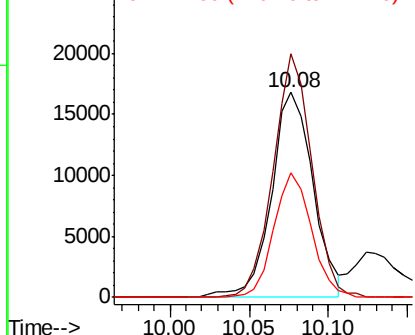
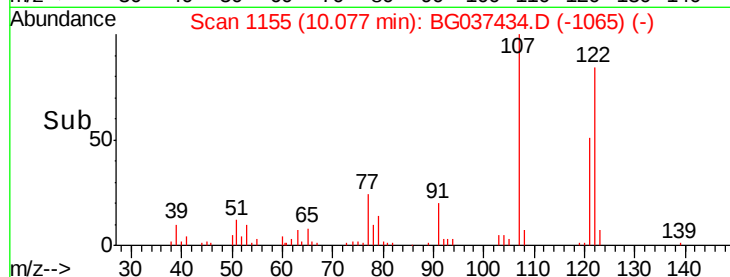
#27
 2,4-Dimethylphenol
 Concen: 10.317 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

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

Tot Ion:122 Resp: 30695
 Ion Ratio Lower Upper
 122 100
 107 118.7 94.2 141.2
 121 60.6 47.3 70.9

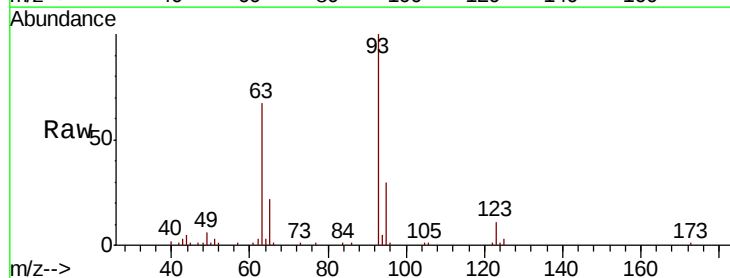


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

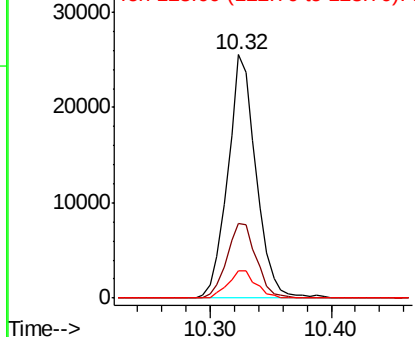
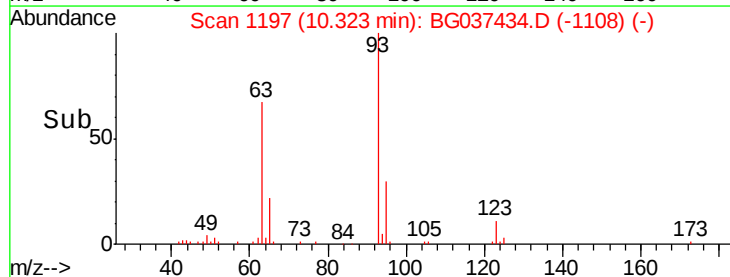


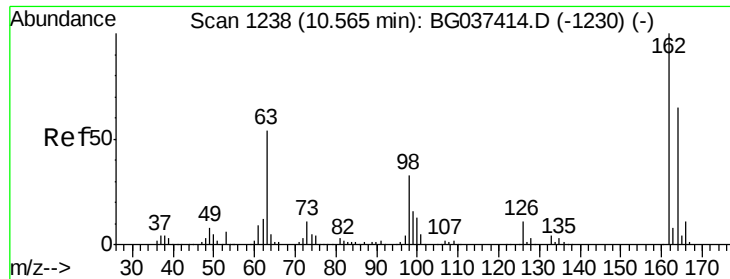
#28
 bis(2-Chloroethoxy)methane
 Concen: 9.732 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion: 93 Resp: 41479
 Ion Ratio Lower Upper
 93 100
 95 30.4 24.6 37.0
 123 11.1 9.1 13.7



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

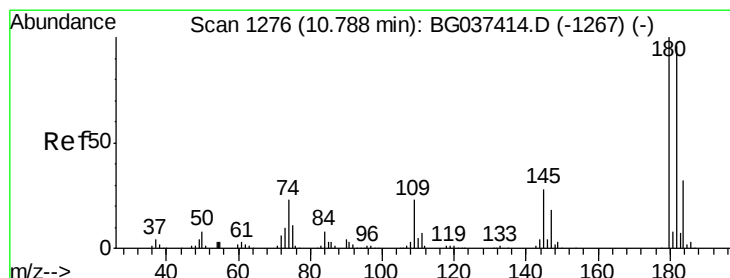
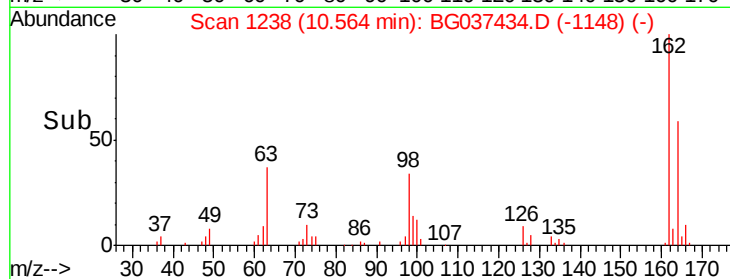
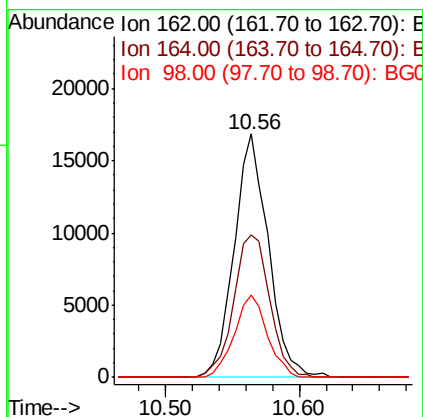
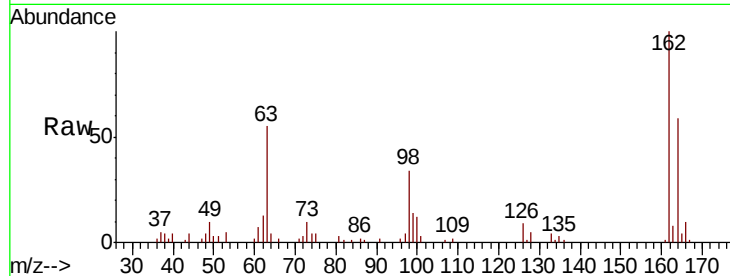




#29
 2,4-Dichlorophenol
 Concen: 8.999 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

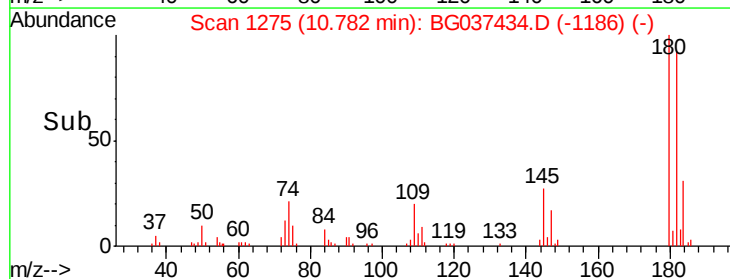
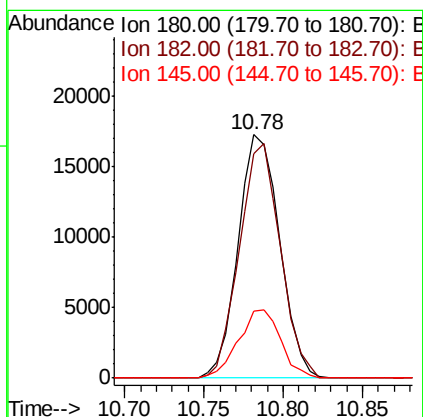
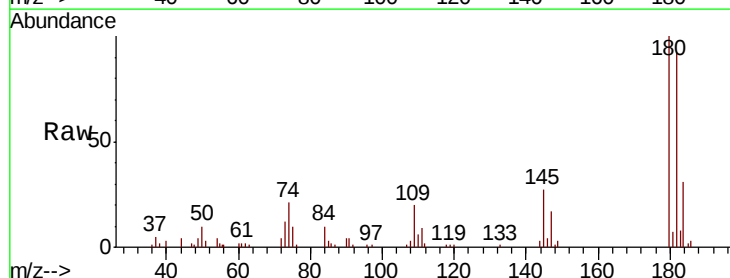
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

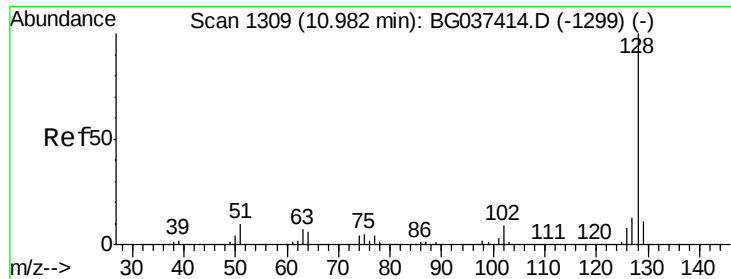
Tot Ion:162 Resp: 29809
 Ion Ratio Lower Upper
 162 100
 164 58.6 43.2 83.2
 98 33.6 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 8.707 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion:180 Resp: 31365
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.7 116.5
 145 27.3 23.3 34.9

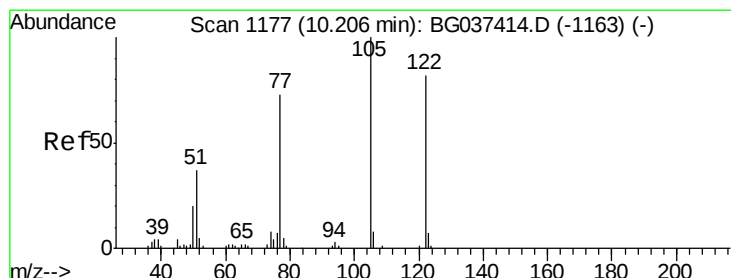
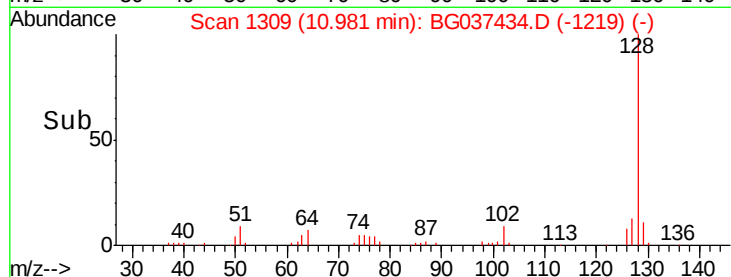
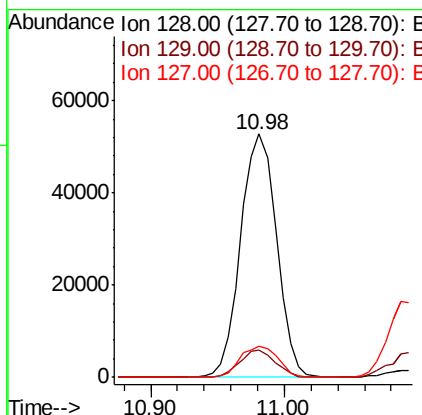
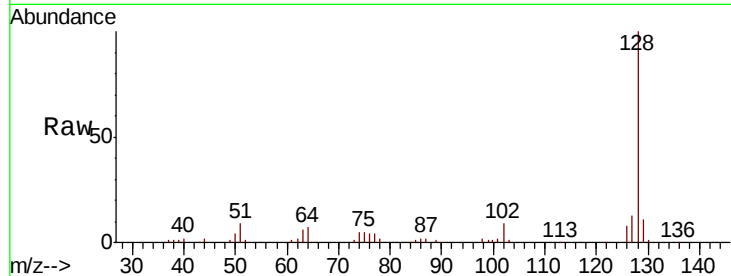




#31
Naphthalene
Concen: 10.027 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

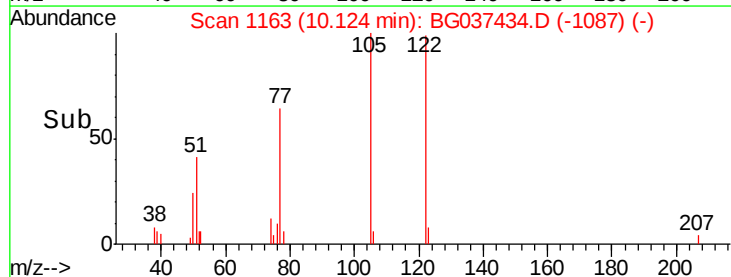
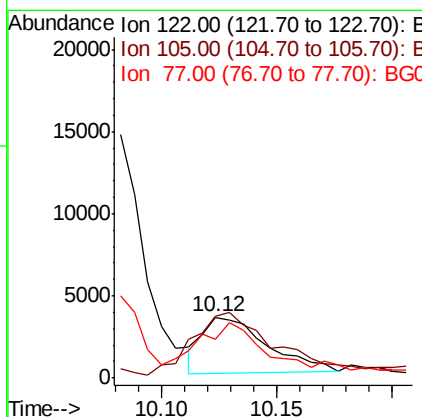
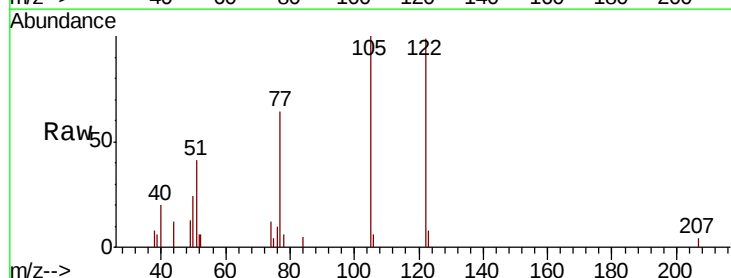
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:128 Resp: 98235
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.9 11.1 16.7



#32
Benzoic acid
Concen: 3.425 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:122 Resp: 6618
Ion Ratio Lower Upper
122 100
105 100.6 106.7 146.7#
77 64.4 72.2 112.2#

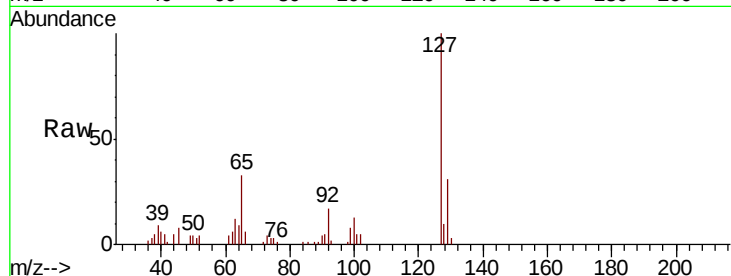




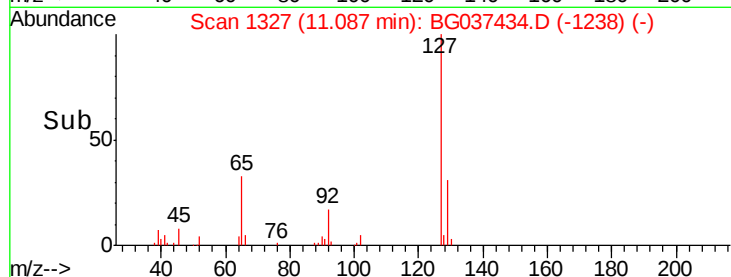
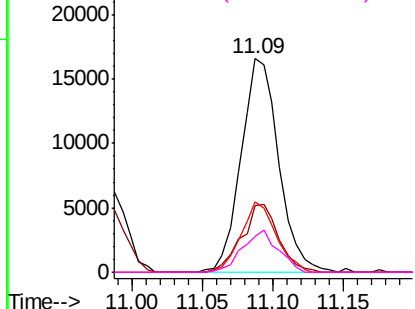
#33
4-Chloroaniline
Concen: 6.720 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion:127	Resp:	30934
Ion	Ratio	Lower Upper
127	100	
129	31.0	27.1 40.7
65	32.8	26.6 39.8
92	16.7	16.4 24.6

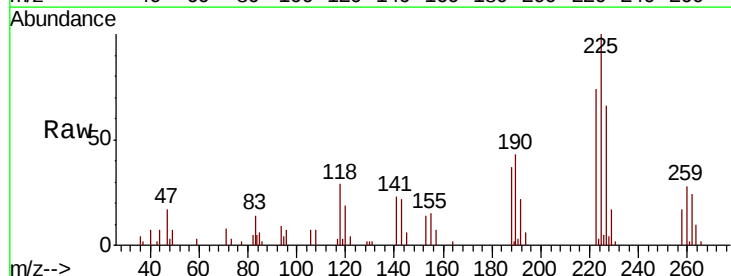


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

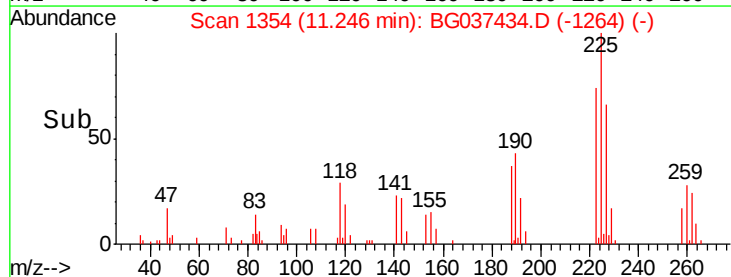
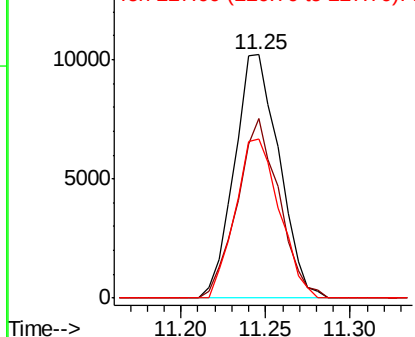


#34
Hexachlorobutadiene
Concen: 8.803 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:225	Resp:	18794
Ion	Ratio	Lower Upper
225	100	
223	73.7	48.2 72.4#
227	69.2	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: 7.837 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

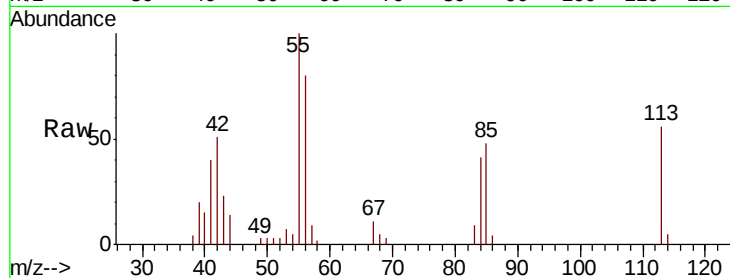
Tot Ion:113 Resp: 10411

Ion Ratio Lower Upper

113 100

55 177.2 176.6 216.6

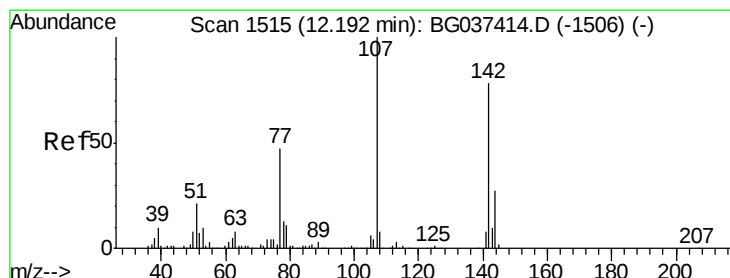
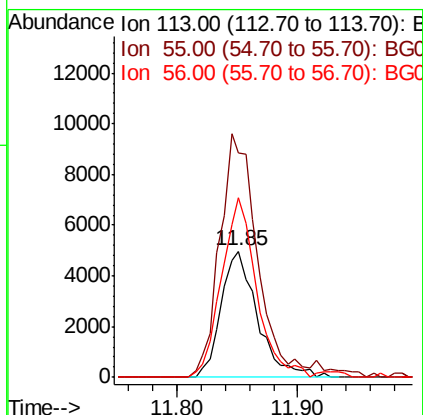
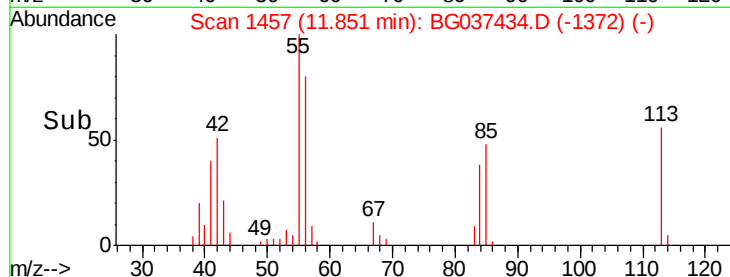
56 141.8 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 9.112 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

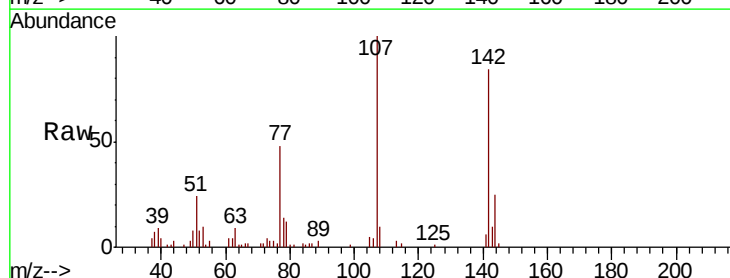
Tgt Ion:107 Resp: 34040

Ion Ratio Lower Upper

107 100

144 24.7 20.7 31.1

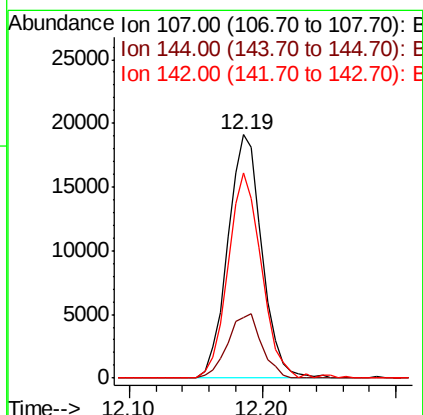
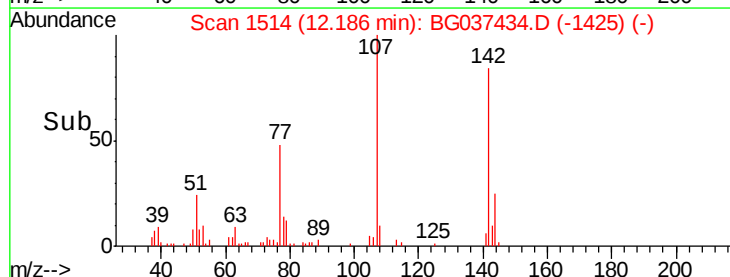
142 84.5 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

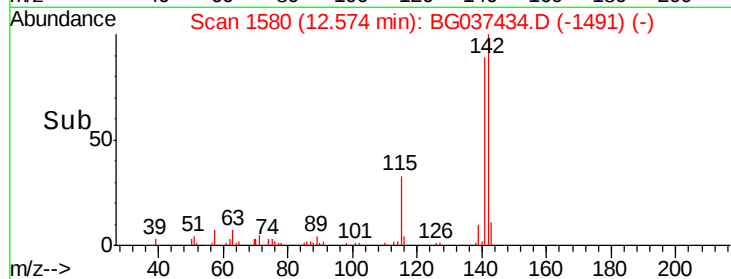
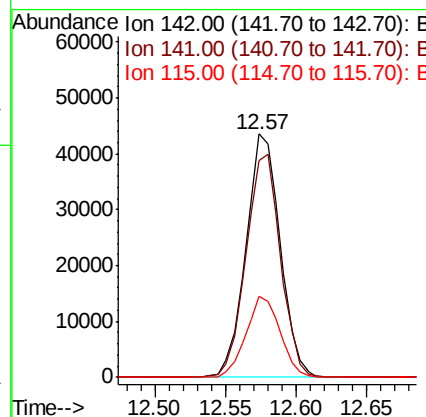
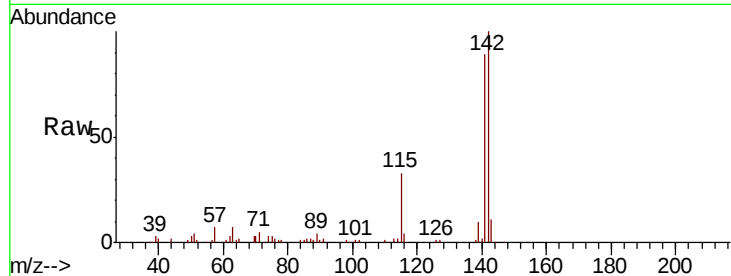




#37
2-Methylnaphthalene
Concen: 10.350 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

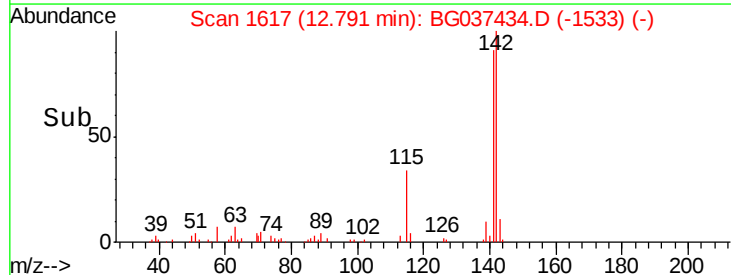
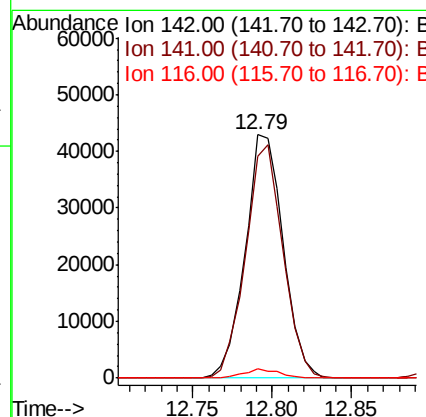
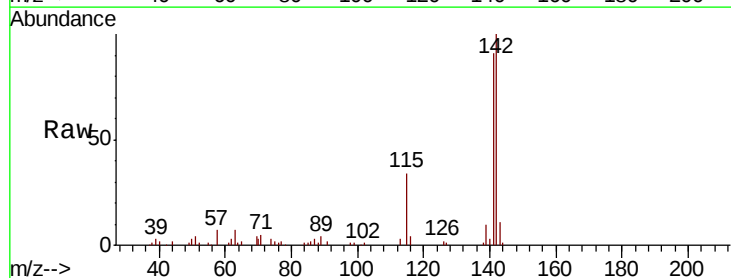
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	33.1	27.8	41.8



#38
1-Methylnaphthalene
Concen: 10.306 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	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: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

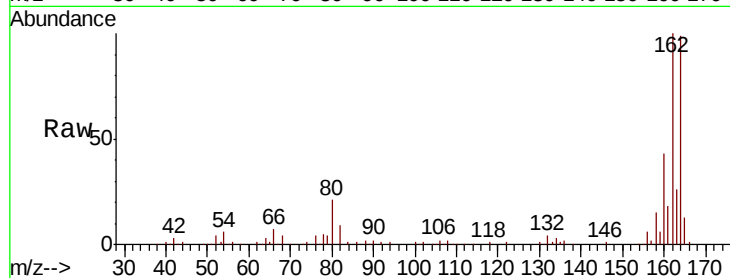
Tot Ion:164 Resp: 132877

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

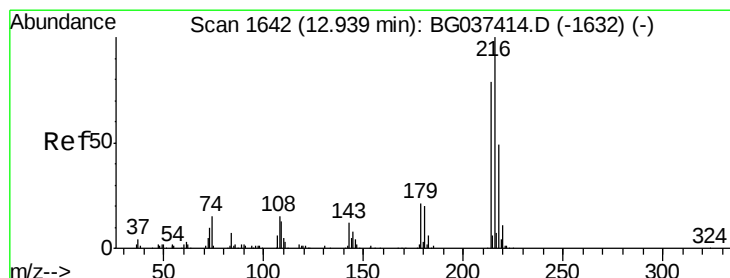
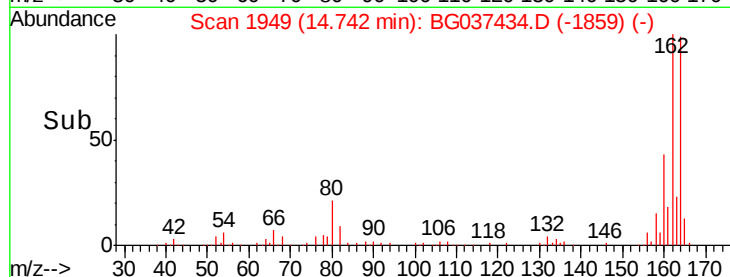
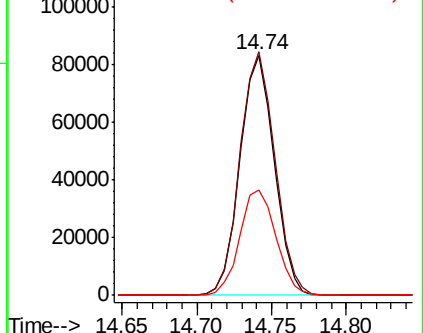
160 43.6 36.3 54.5



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: 8.905 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Tgt Ion:216 Resp: 38169

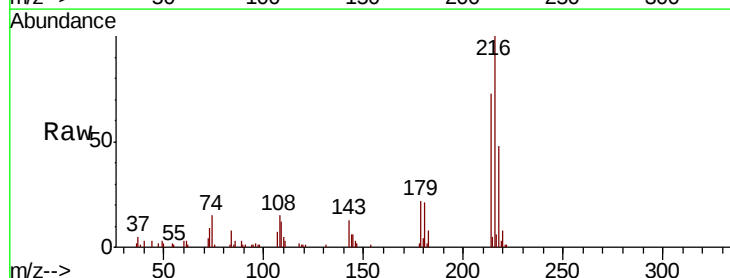
Ion Ratio Lower Upper

216 100

214 75.5 63.8 95.6

179 21.5 17.4 26.0

108 17.8 13.9 20.9

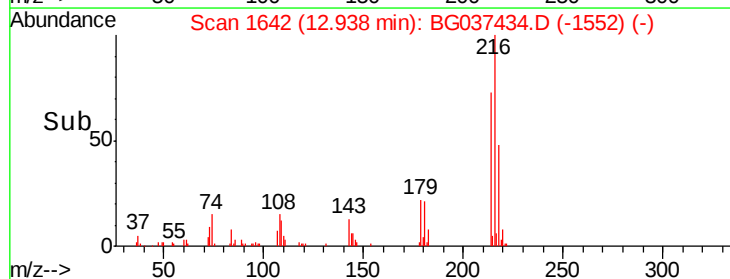
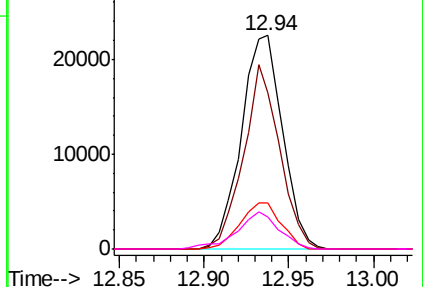


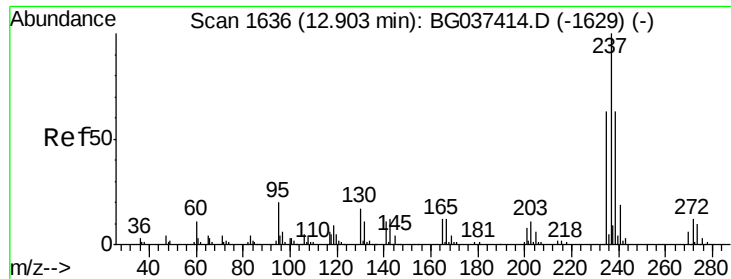
Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.346 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

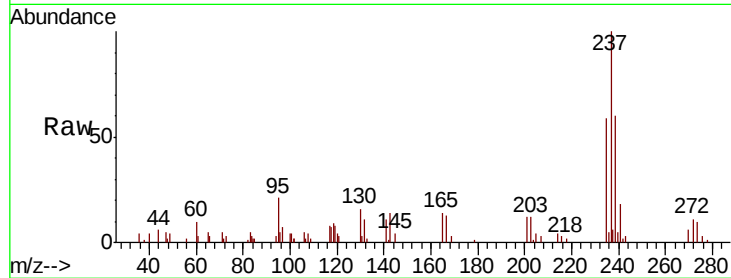
Tot Ion:237 Resp: 19134

Ion Ratio Lower Upper

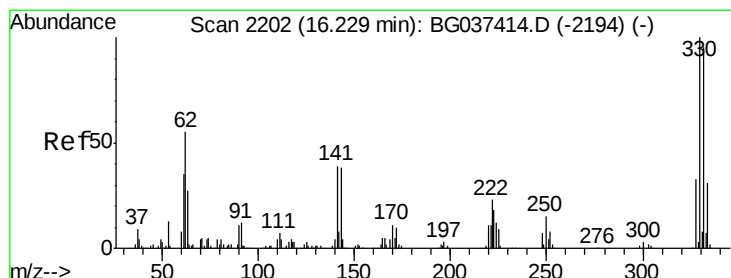
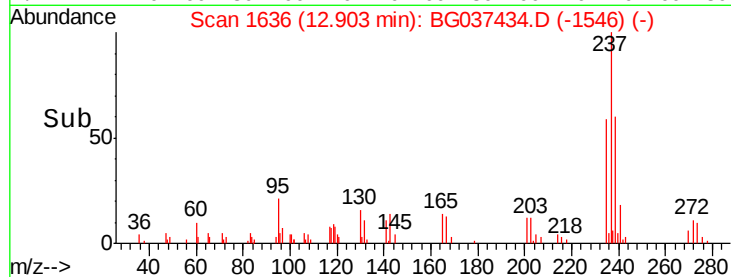
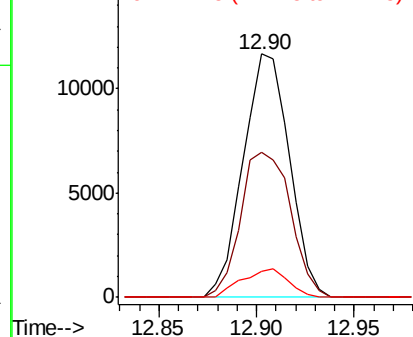
237 100

235 59.5 42.5 82.5

272 10.9 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: 167.371 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

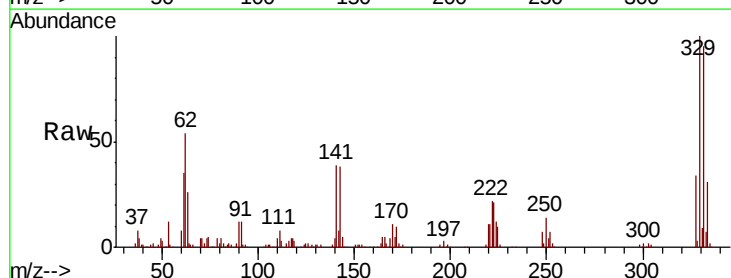
Tgt Ion:330 Resp: 242567

Ion Ratio Lower Upper

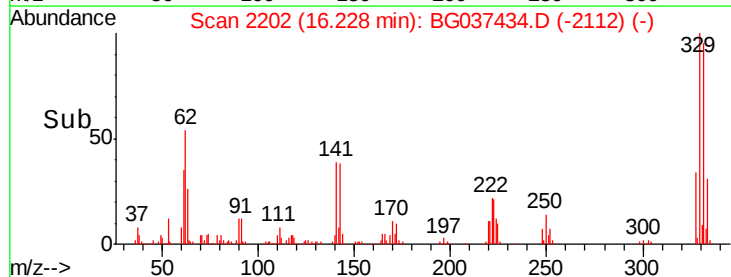
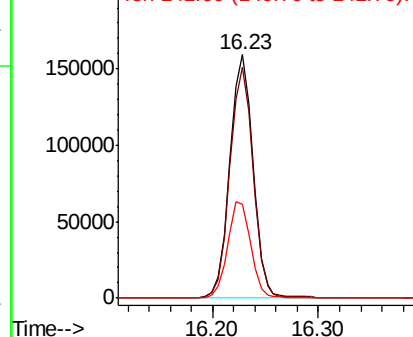
330 100

332 95.5 78.4 117.6

141 39.8 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

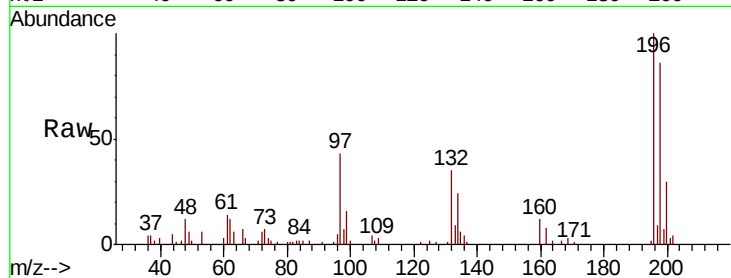




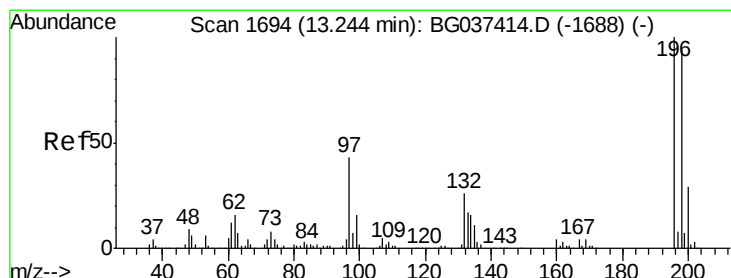
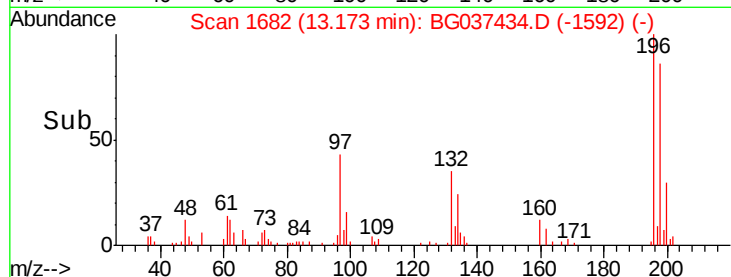
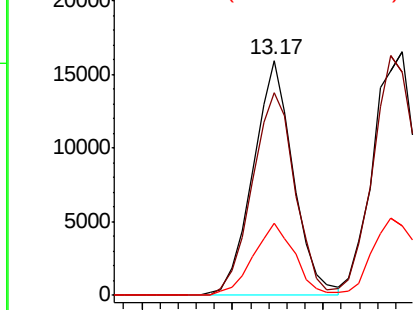
#43
 2,4,6-Trichlorophenol
 Concen: 8.612 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

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

Tot Ion:196 Resp: 24660
 Ion Ratio Lower Upper
 196 100
 198 86.3 76.4 114.6
 200 30.5 24.9 37.3

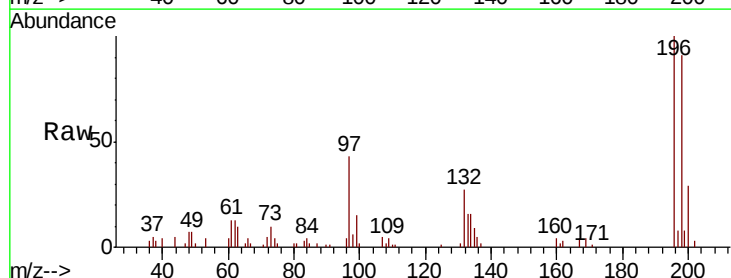


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

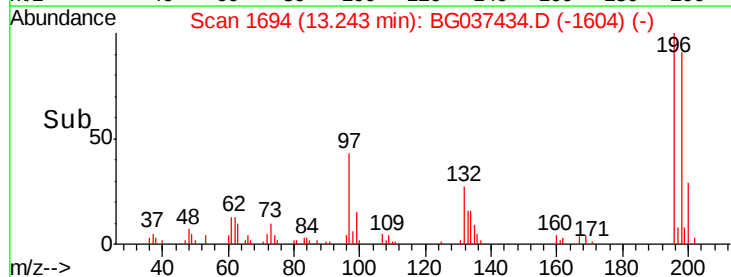
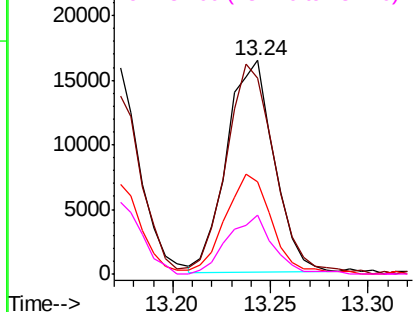


#44
 2,4,5-Trichlorophenol
 Concen: 8.812 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion:196 Resp: 27471
 Ion Ratio Lower Upper
 196 100
 198 91.5 74.2 111.2
 97 43.2 34.1 51.1
 132 27.4 20.2 30.4



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

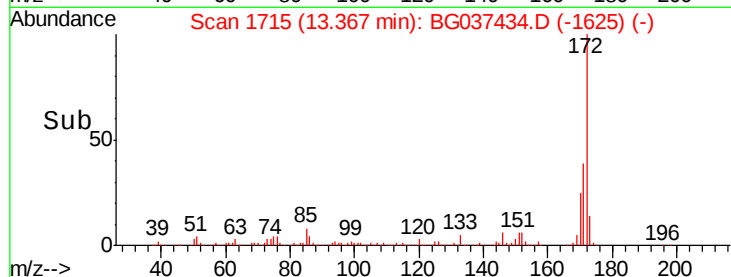
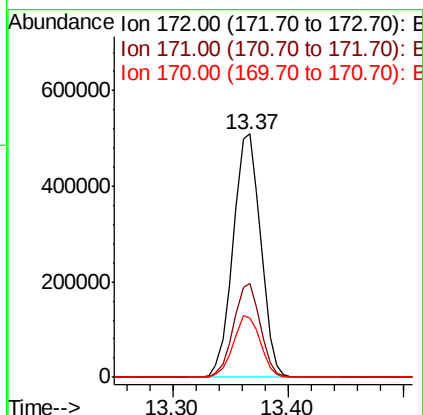
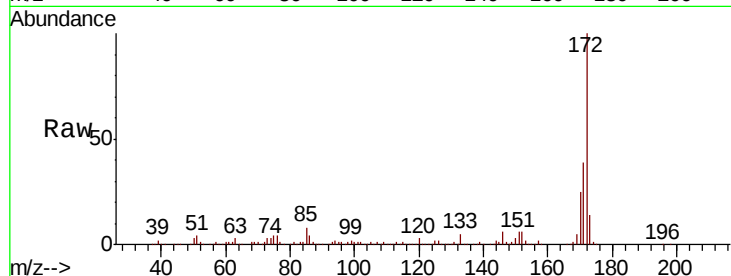




#45
2-Fluorobiphenyl
Concen: 95.437 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

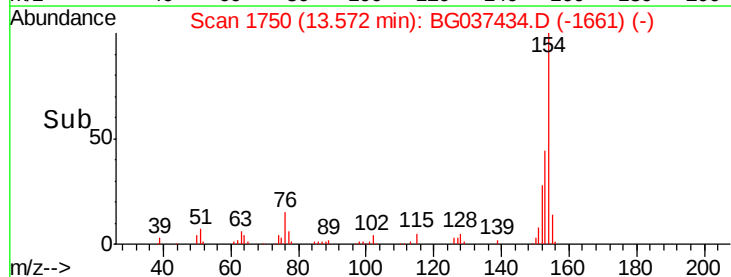
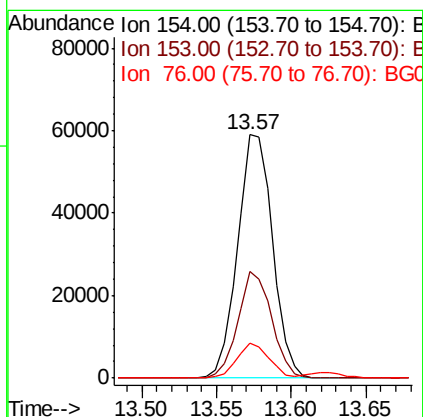
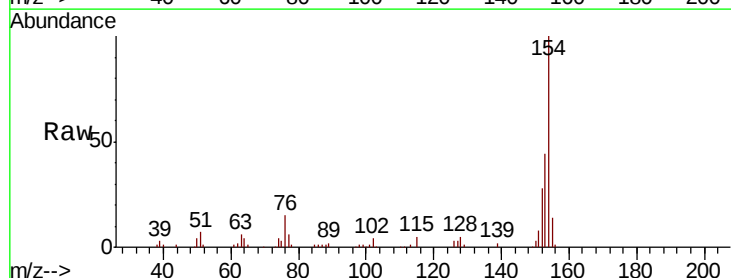
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:172 Resp: 840974
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 24.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 8.684 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:154 Resp: 95564
Ion Ratio Lower Upper
154 100
153 43.8 22.1 62.1
76 14.6 0.0 33.2

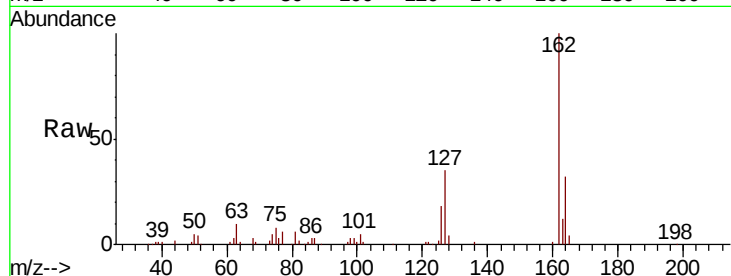




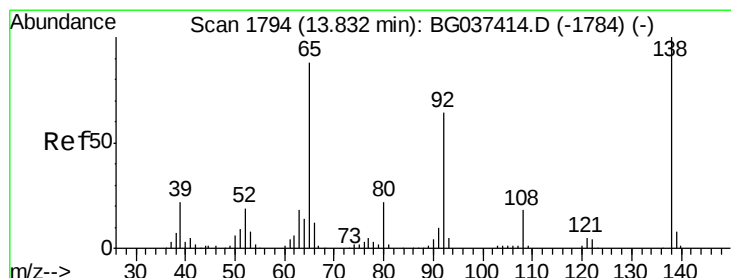
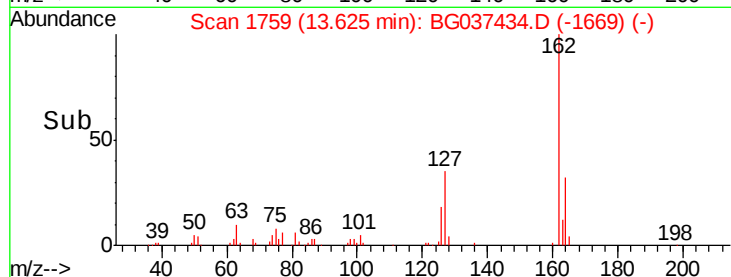
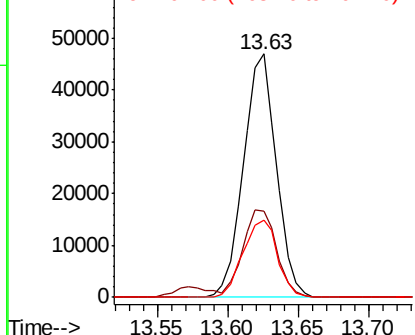
#47
2-Chloronaphthalene
Concen: 9.193 ng
RT: 13.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion:162 Resp: 76534
Ion Ratio Lower Upper
162 100
127 35.4 30.5 45.7
164 31.9 26.4 39.6

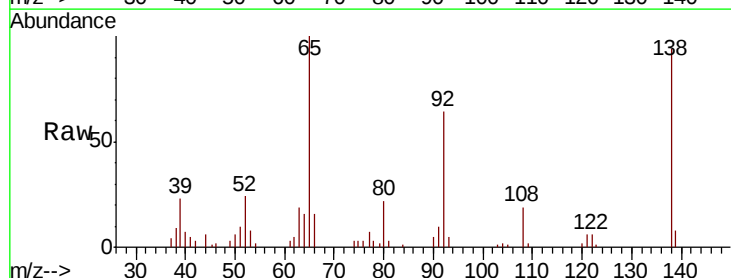


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

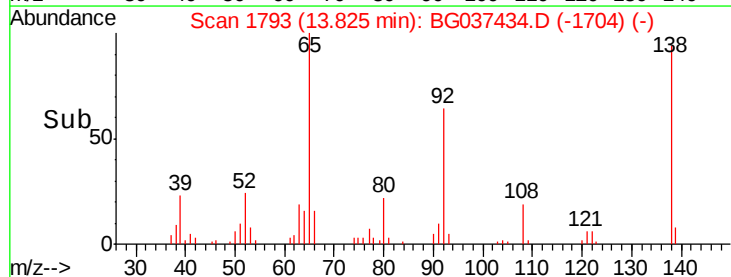
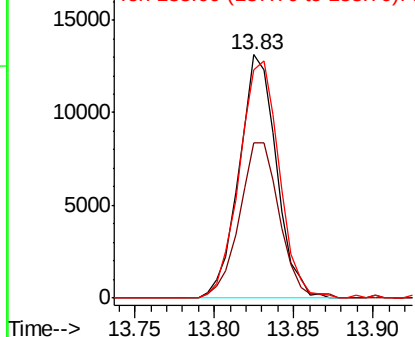


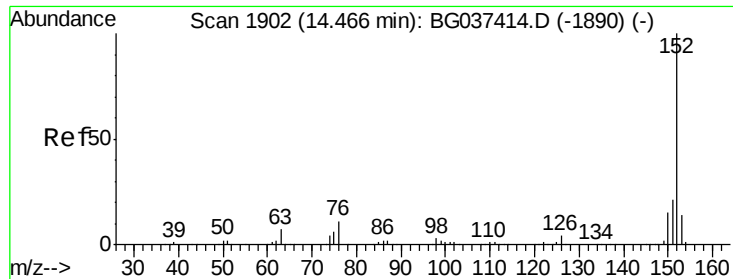
#48
2-Nitroaniline
Concen: 8.506 ng
RT: 13.83 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion: 65 Resp: 21474
Ion Ratio Lower Upper
65 100
92 63.6 53.2 79.8
138 93.8 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.324 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

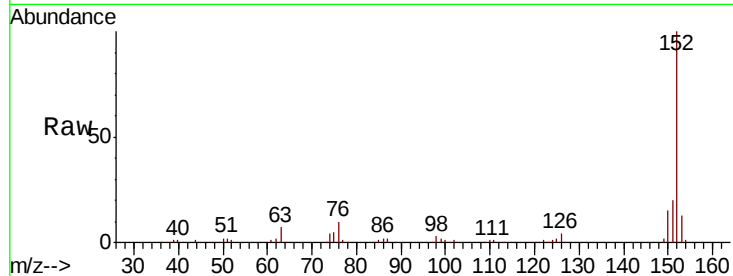
Tot Ion:152 Resp: 129299

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

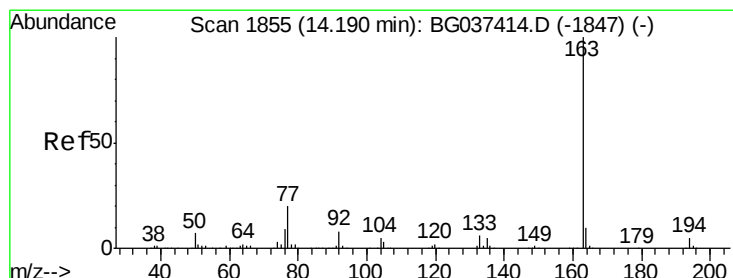
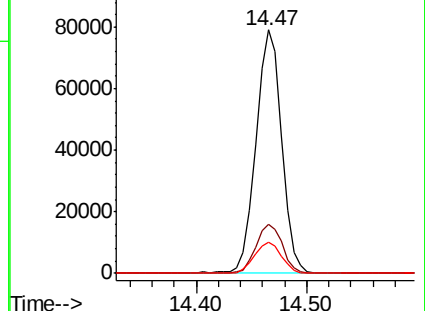
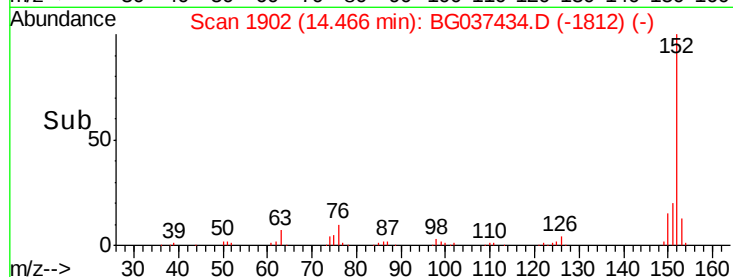
153 12.6 11.1 16.7



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: 9.900 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

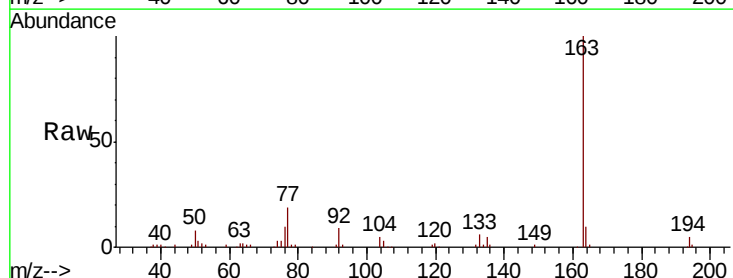
Tgt Ion:163 Resp: 101763

Ion Ratio Lower Upper

163 100

194 5.4 3.5 5.3#

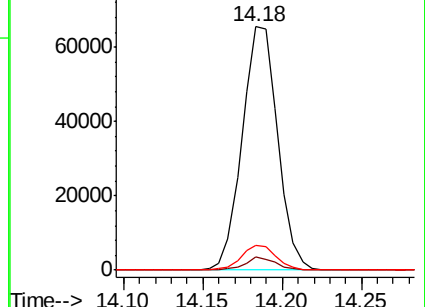
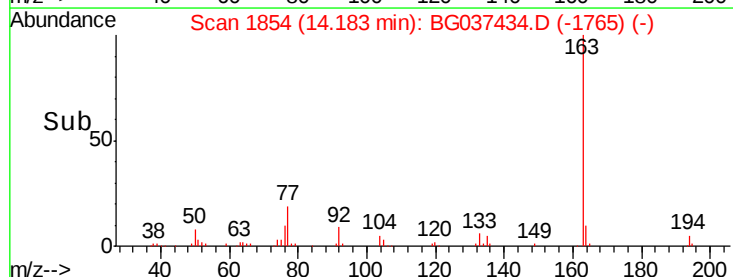
164 10.3 8.5 12.7

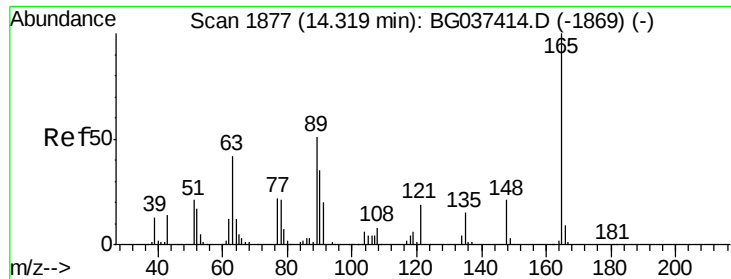


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.532 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

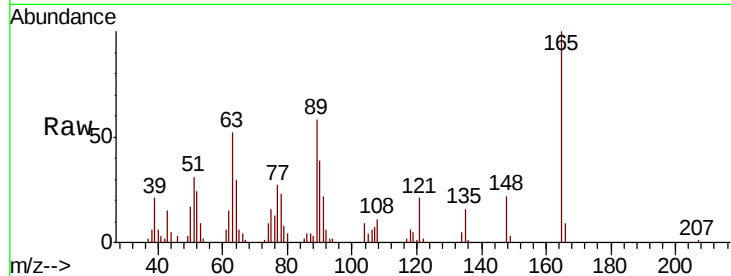
Tot Ion:165 Resp: 19402

Ion Ratio Lower Upper

165 100

63 51.9 43.4 65.2

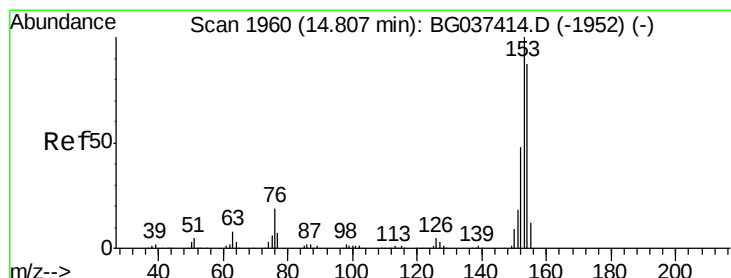
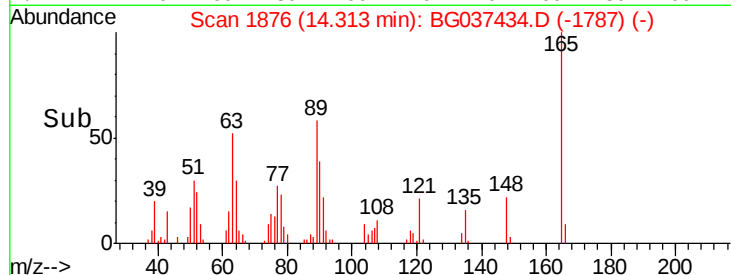
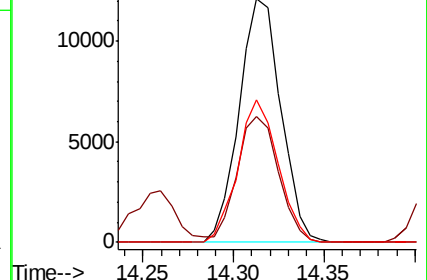
89 58.5 45.8 68.6



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: 9.885 ng

RT: 14.81 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

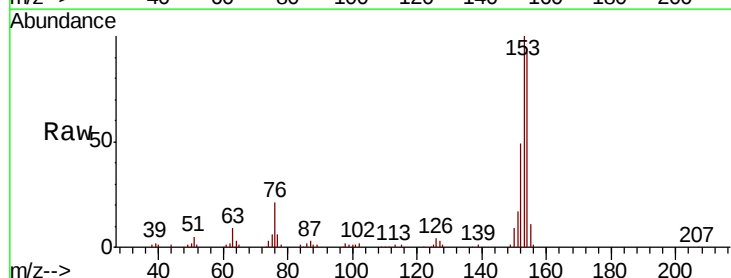
Tgt Ion:154 Resp: 76243

Ion Ratio Lower Upper

154 100

153 108.8 93.4 140.0

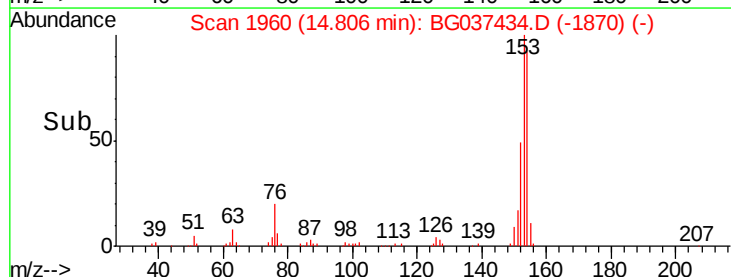
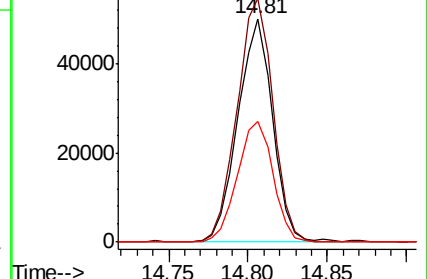
152 53.7 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 7.780 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

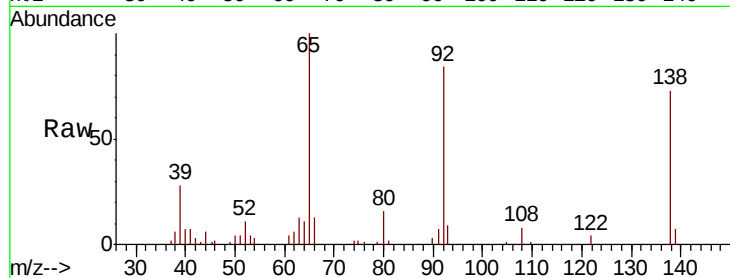
Tot Ion:138 Resp: 19640

Ion Ratio Lower Upper

138 100

108 11.1 11.0 16.6

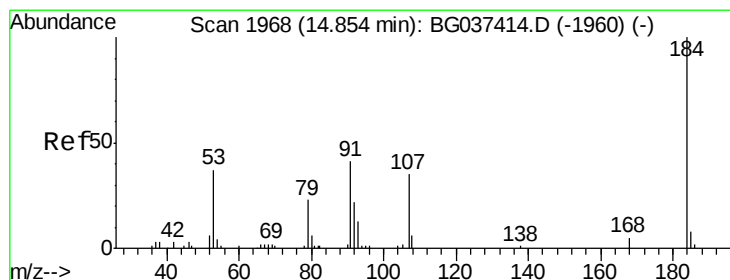
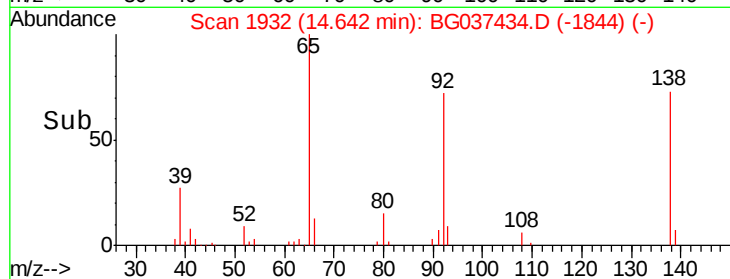
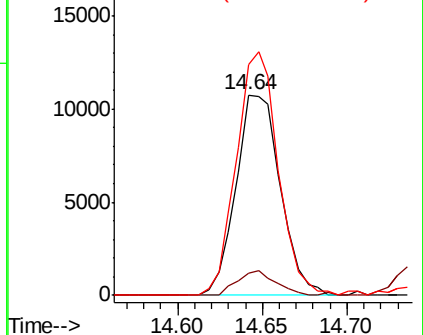
92 114.9 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 8.380 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

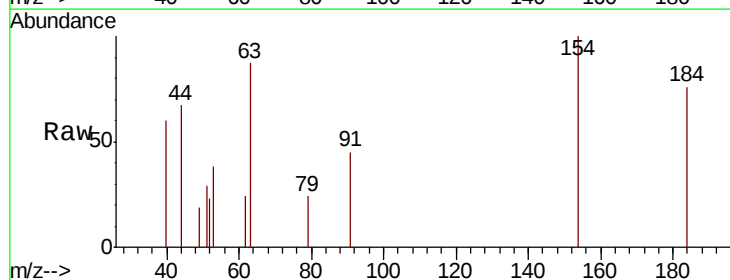
Tgt Ion:184 Resp: 1201

Ion Ratio Lower Upper

184 100

63 113.9 42.6 63.8#

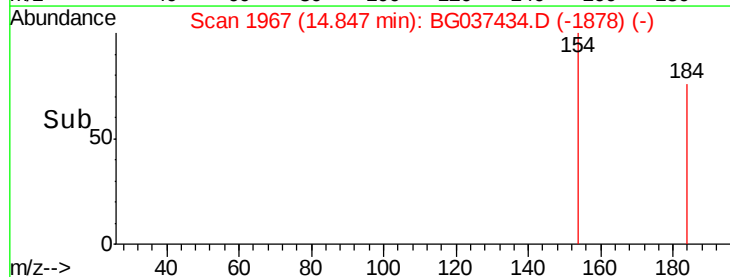
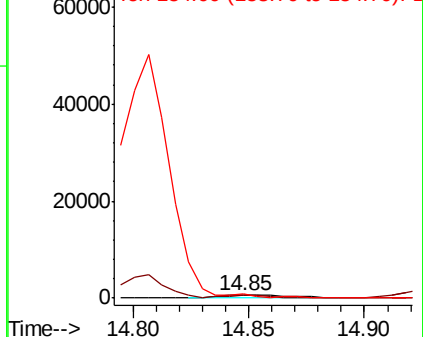
154 131.6 41.8 62.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

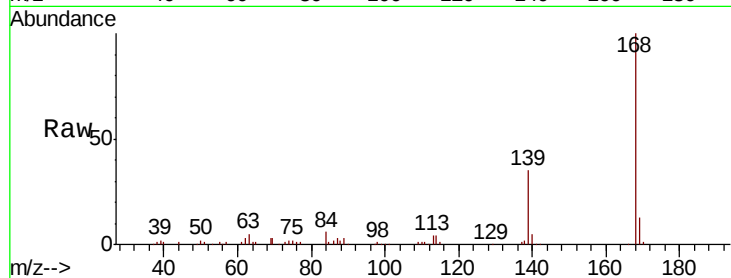




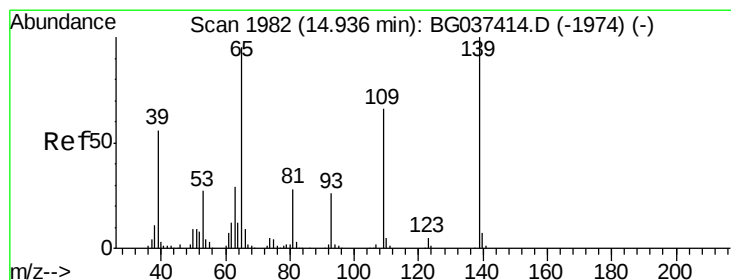
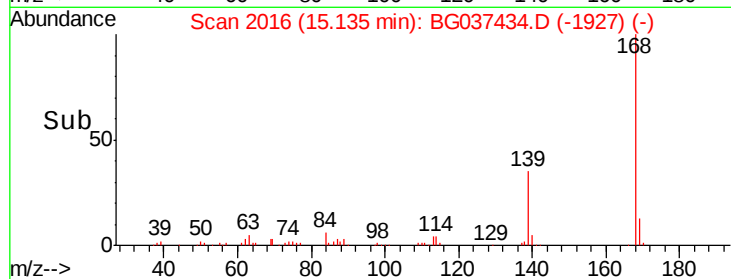
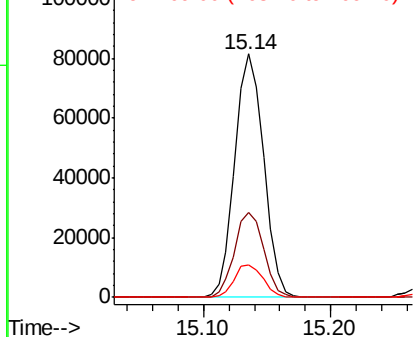
#55
Dibenzenofuran
Concen: 10.052 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	29.4	44.0
169	13.3	11.0	16.6

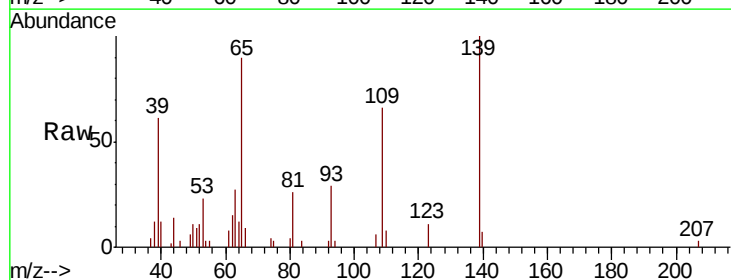


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

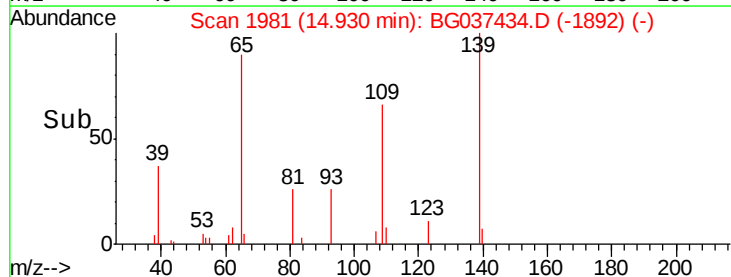
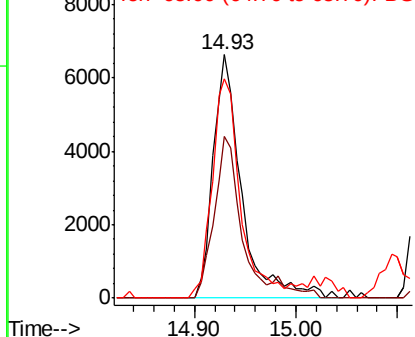


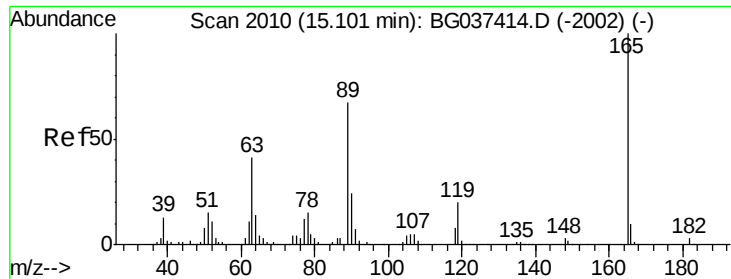
#56
4-Nitrophenol
Concen: 6.929 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	49.5	89.5
65	90.0	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

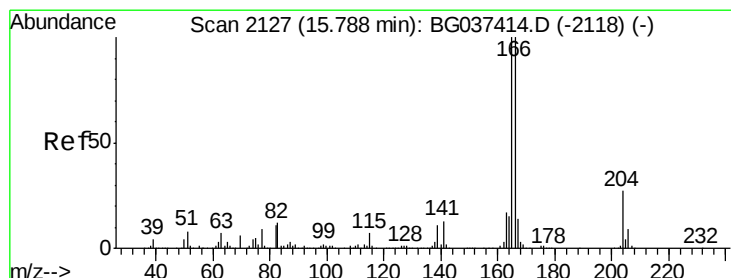
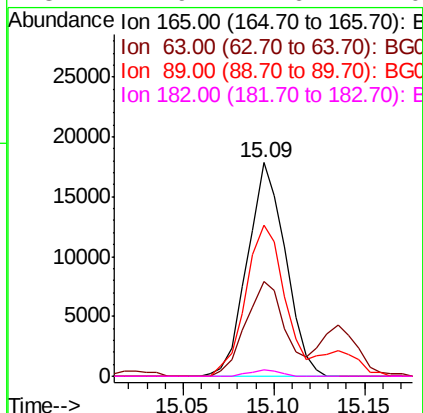
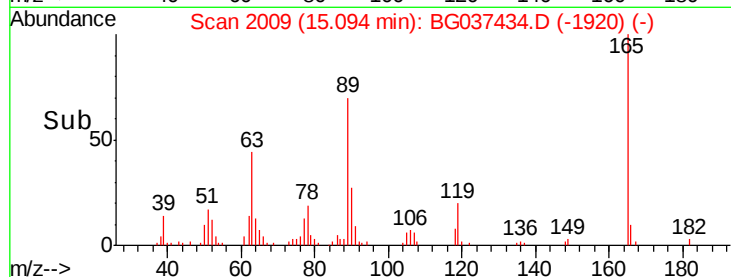
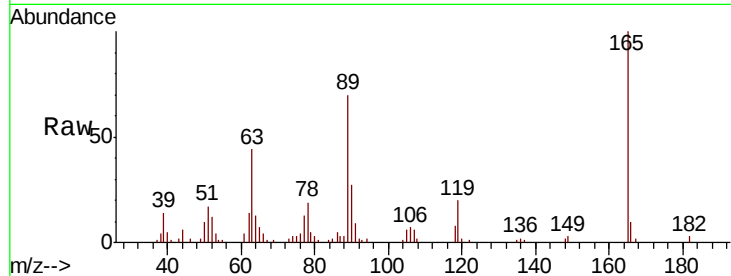




#57
2,4-Dinitrotoluene
Concen: 8.724 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

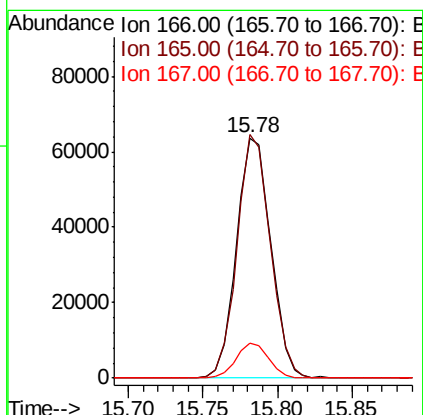
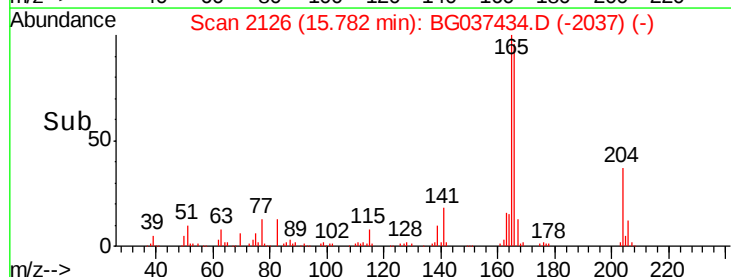
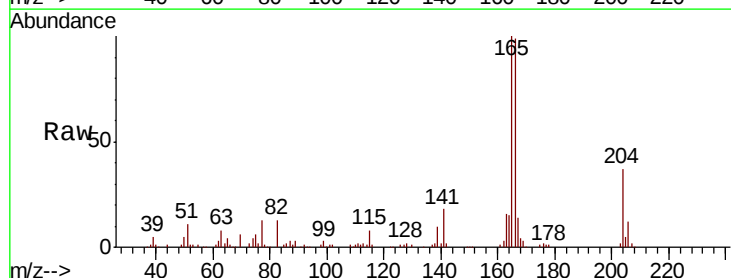
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

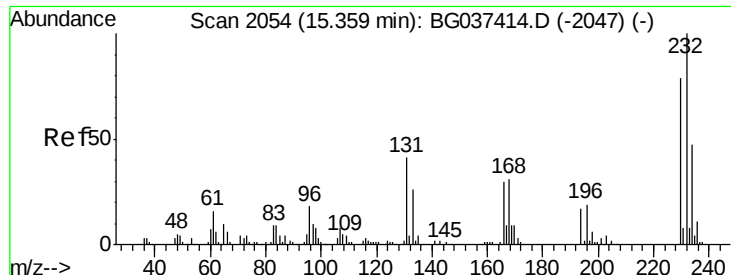
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	33.4	50.0
89	70.5	57.2	85.8
182	2.9	2.6	4.0



#58
Fluorene
Concen: 10.620 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.0	118.6
167	14.7	11.3	16.9

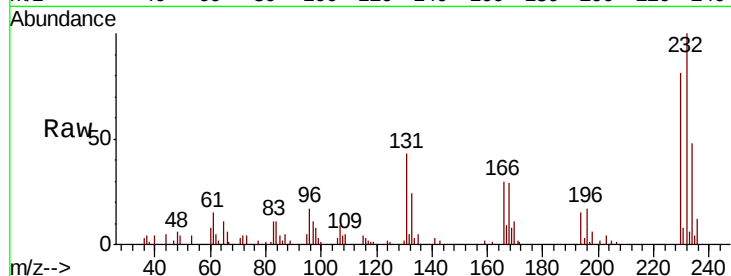




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.658 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	33.7	50.5
130	2.3	2.1	3.1
166	32.1	24.6	36.8



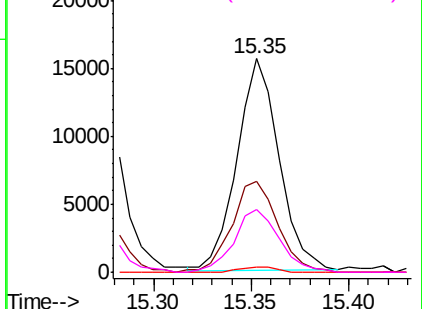
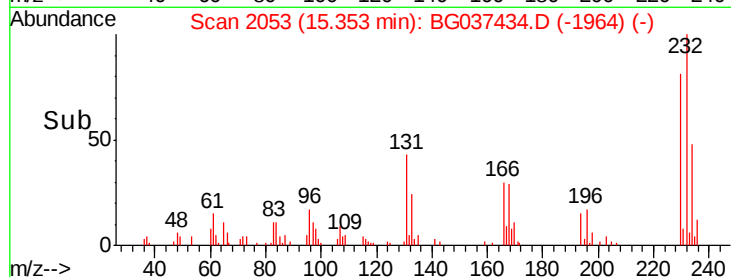
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

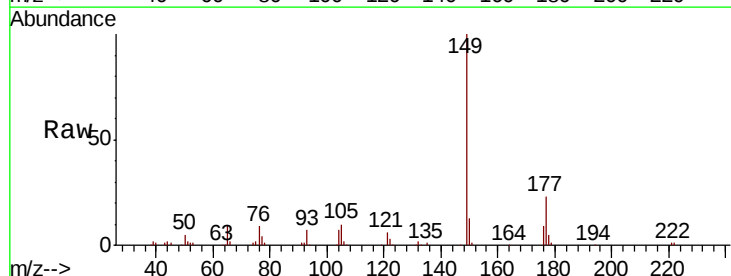
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 9.805 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.6	10.0	15.0

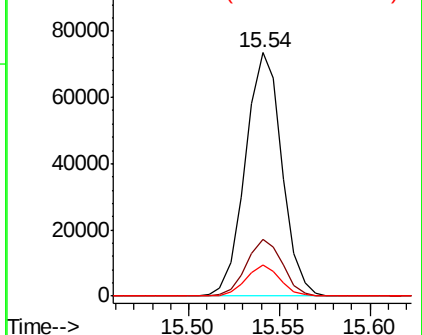
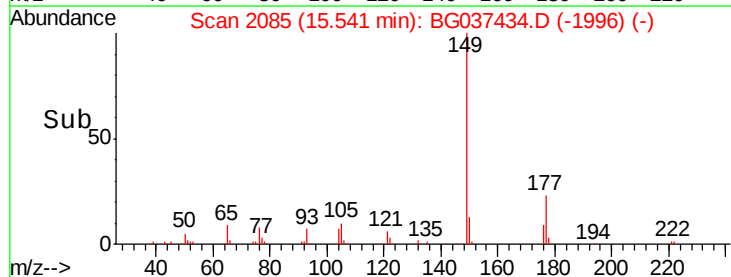


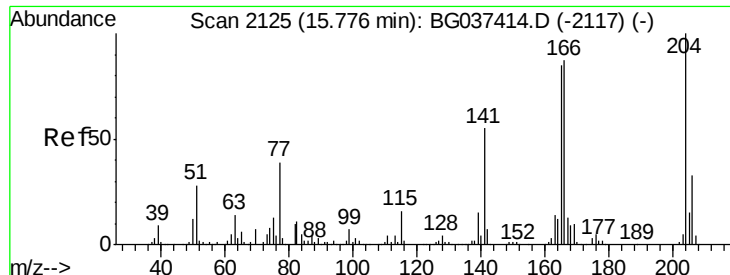
Abundance

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

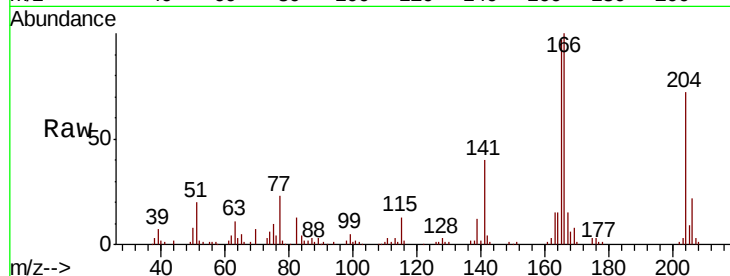




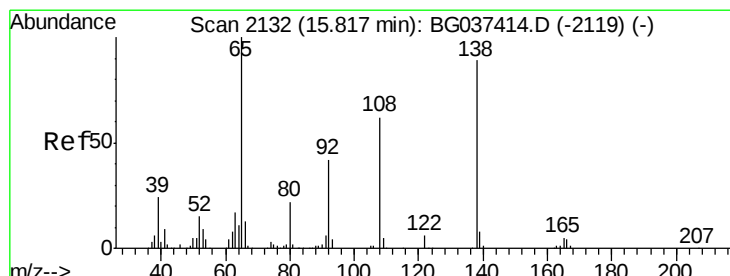
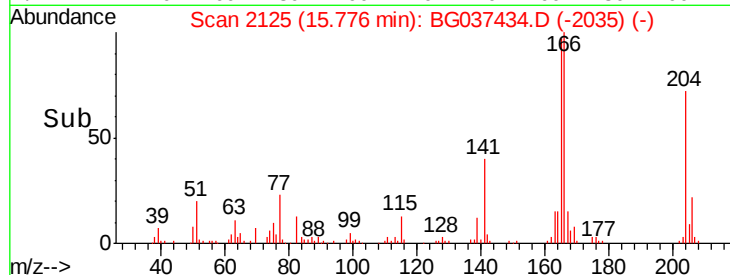
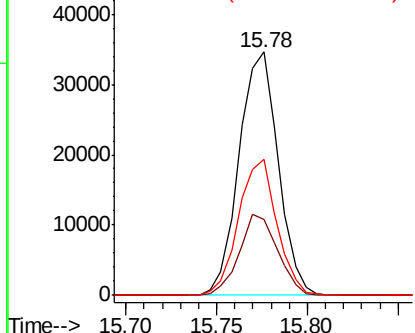
#61
 4-Chlorophenyl-phenylether
 Concen: 9.323 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

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

Tot Ion:	204	Resp:	52000
Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.6	39.8
141	55.8	45.4	68.2

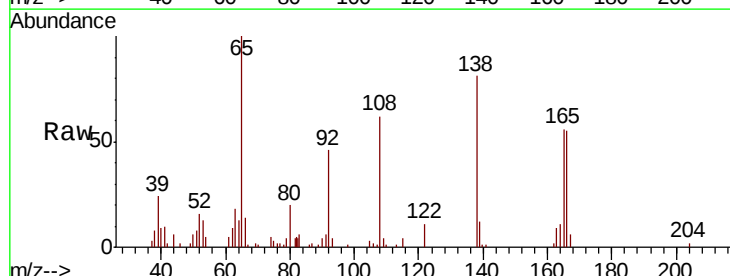


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

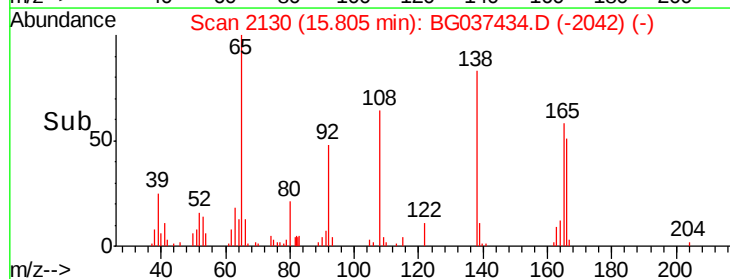
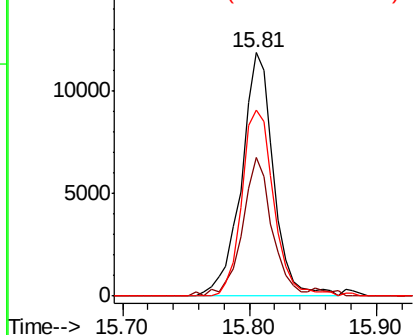


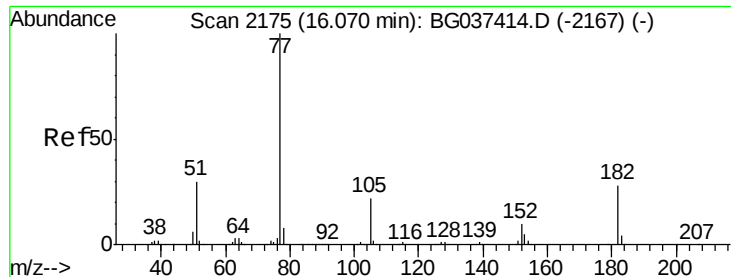
#62
 4-Nitroaniline
 Concen: 8.303 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion:	138	Resp:	20828
Ion	Ratio	Lower	Upper
138	100		
92	57.1	36.4	76.4
108	76.4	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: 10.103 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion: 77 Resp: 101733

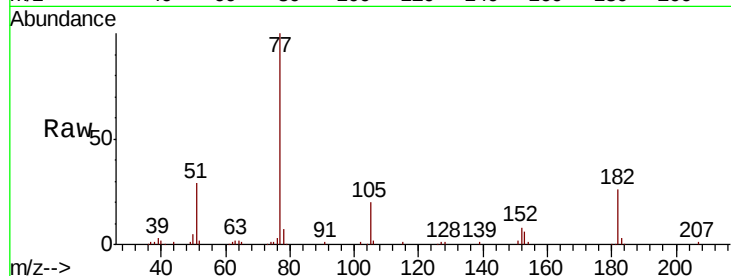
Ion Ratio Lower Upper

77 100

182 25.9 8.0 48.0

105 20.5 1.3 41.3

51 29.1 10.7 50.7

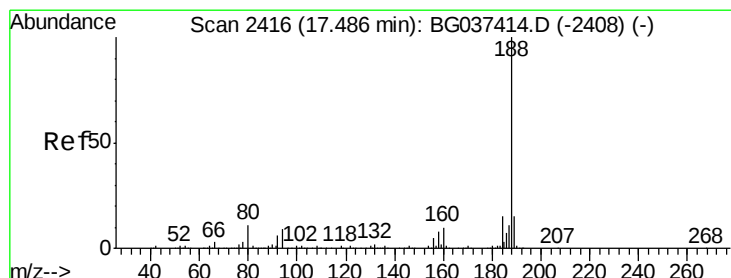
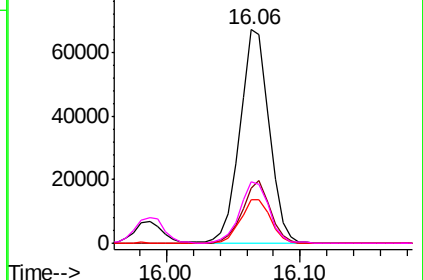
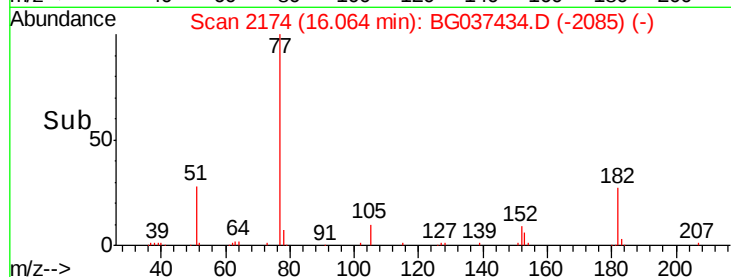


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG037434.D

Acq: 19 Oct 2018 00:28

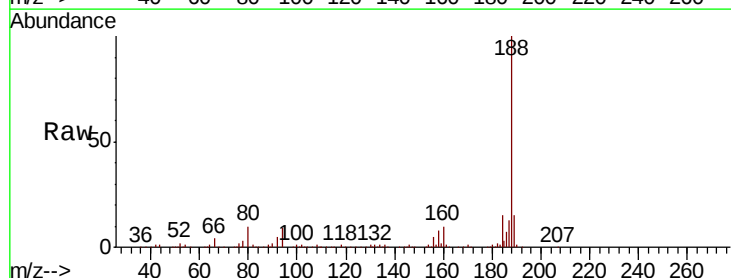
Tgt Ion: 188 Resp: 328257

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

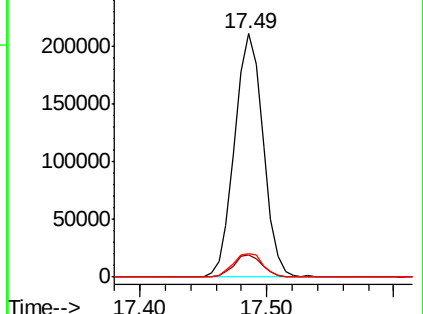
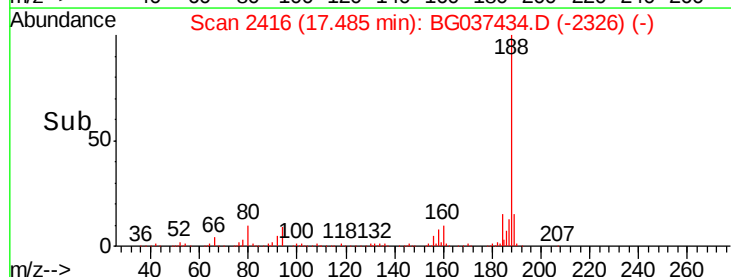
80 9.8 7.7 11.5

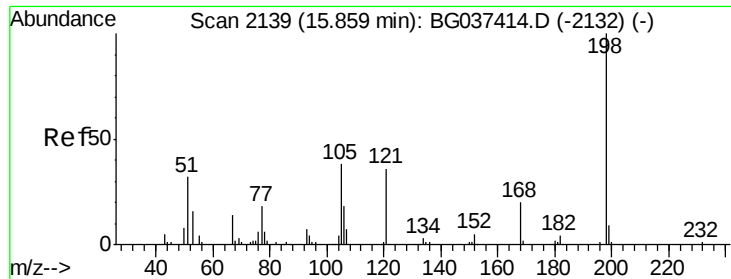


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

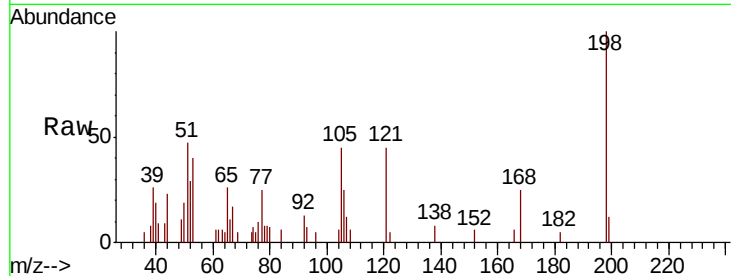




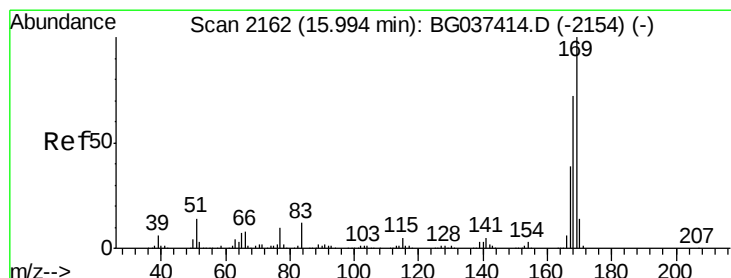
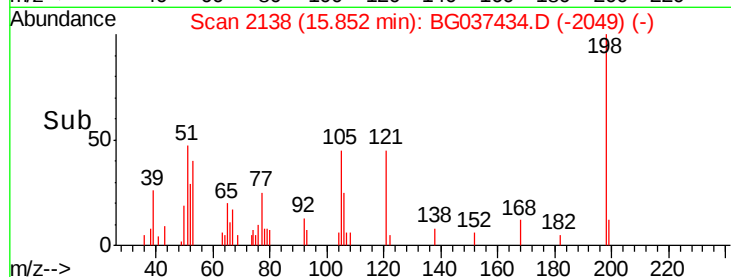
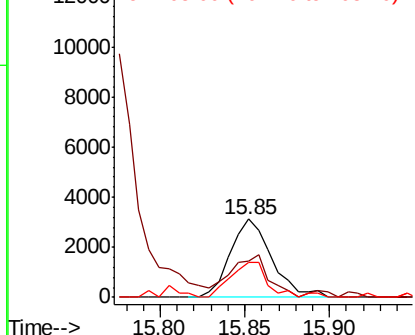
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.041 ng
 RT: 15.85 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

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

Tot Ion:198 Resp: 5304
 Ion Ratio Lower Upper
 198 100
 51 47.1 22.7 62.7
 105 44.9 19.7 59.7

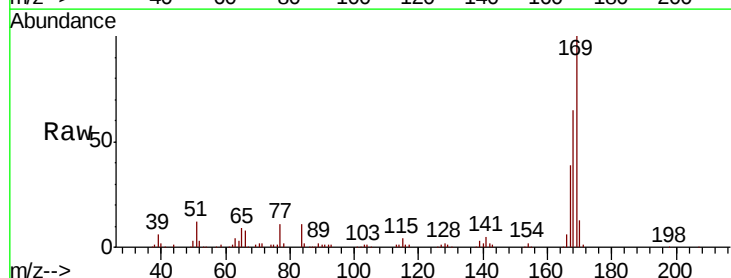


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

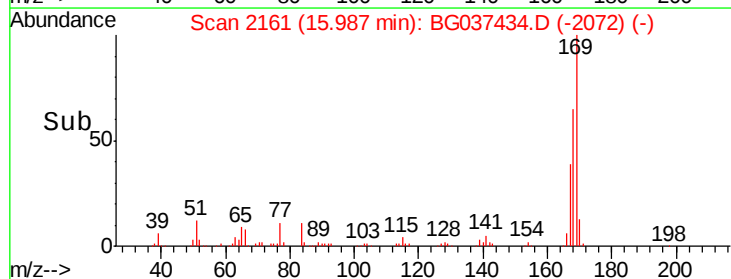
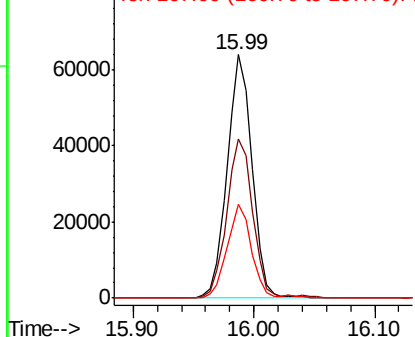


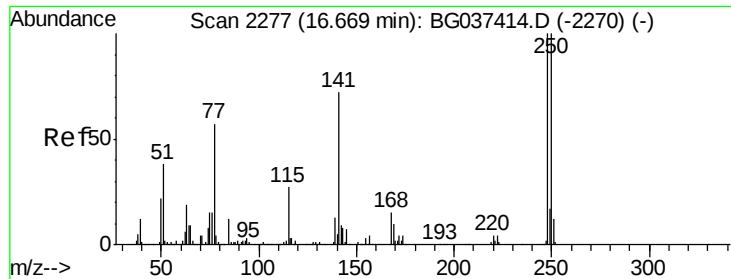
#66
 n-Nitrosodiphenylamine
 Concen: 9.251 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion:169 Resp: 91349
 Ion Ratio Lower Upper
 169 100
 168 65.1 55.7 83.5
 167 38.7 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: 8.917 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

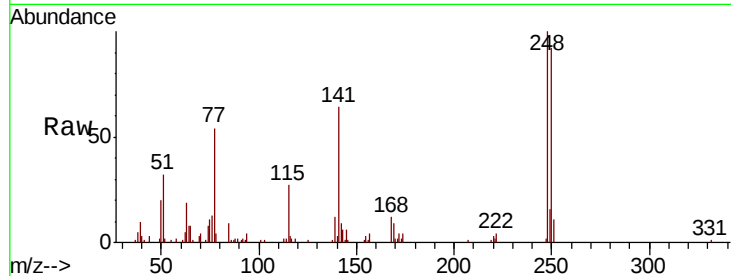
Tot Ion:248 Resp: 32145

Ion Ratio Lower Upper

248 100

250 92.1 77.0 115.6

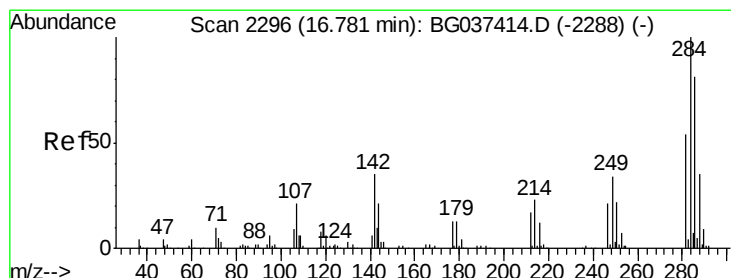
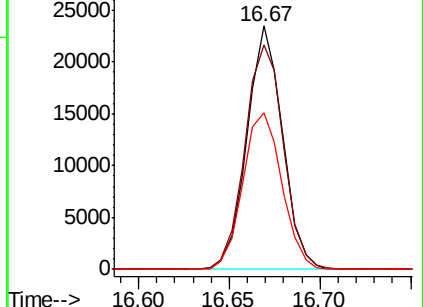
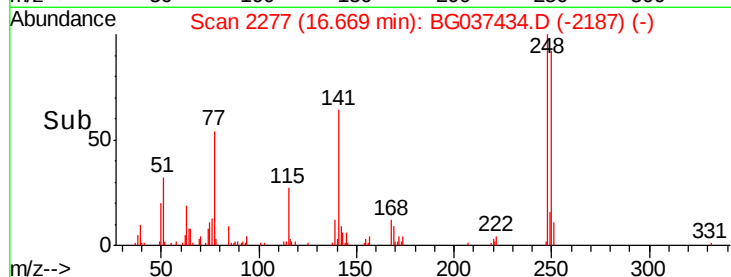
141 64.1 55.5 83.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 8.776 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

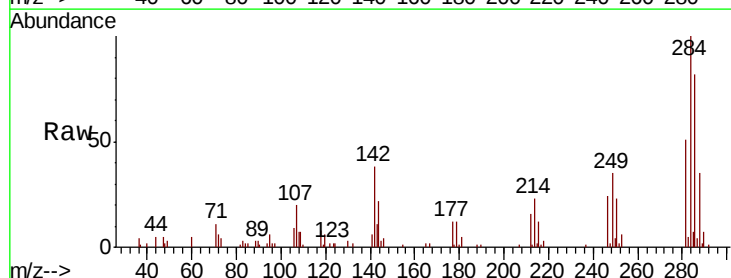
Tgt Ion:284 Resp: 32789

Ion Ratio Lower Upper

284 100

142 38.3 28.1 42.1

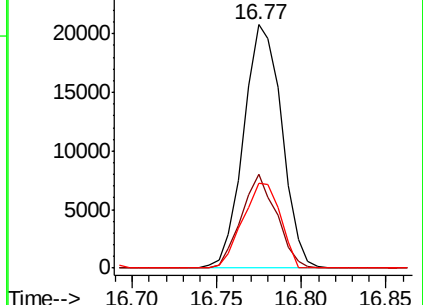
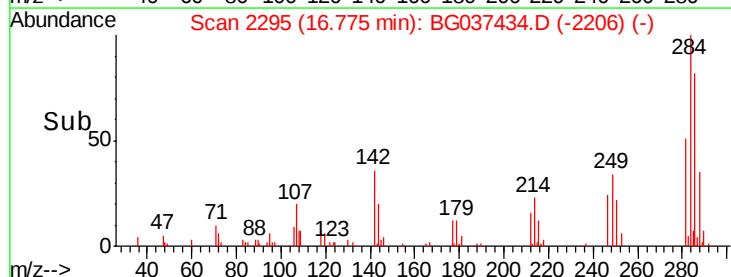
249 39.4 29.8 44.8

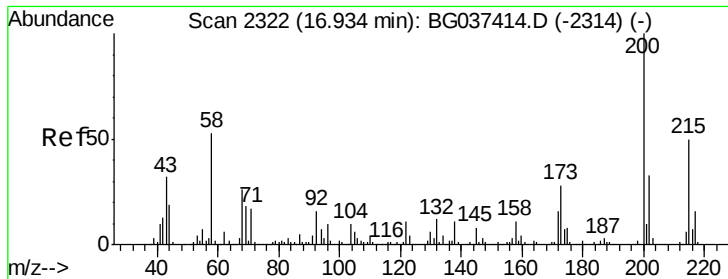


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

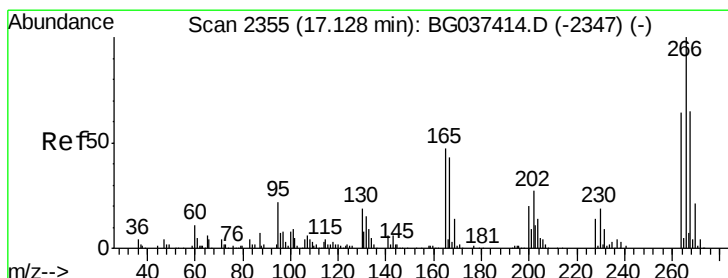
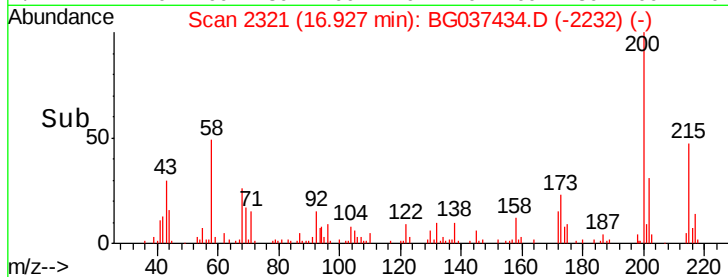
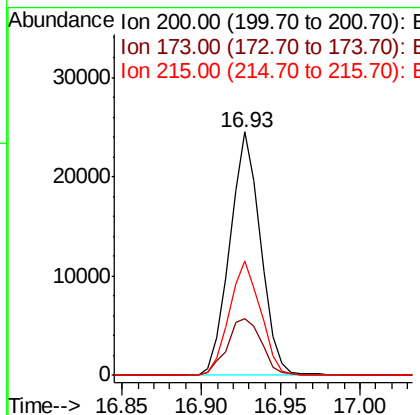
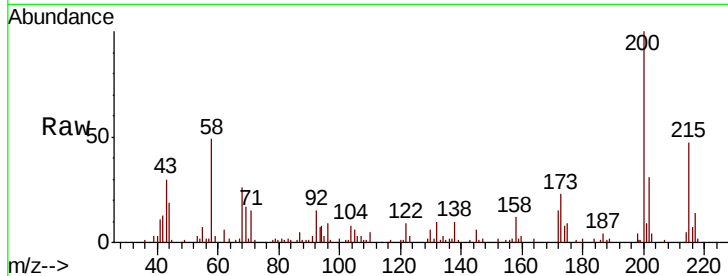




#69
 Atrazine
 Concen: 9.207 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

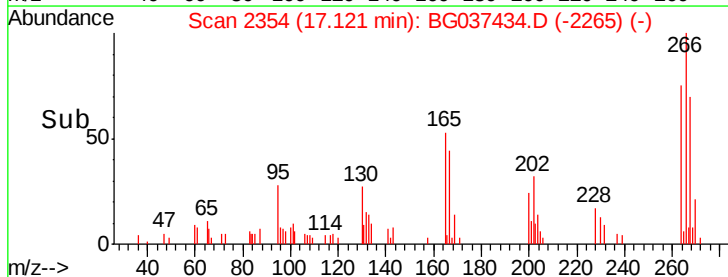
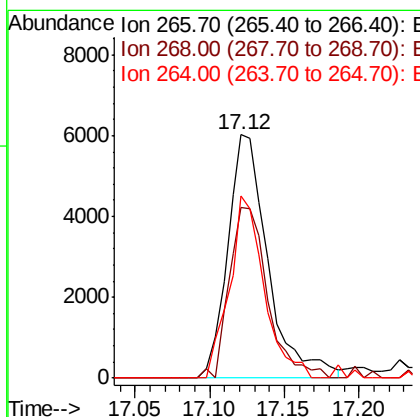
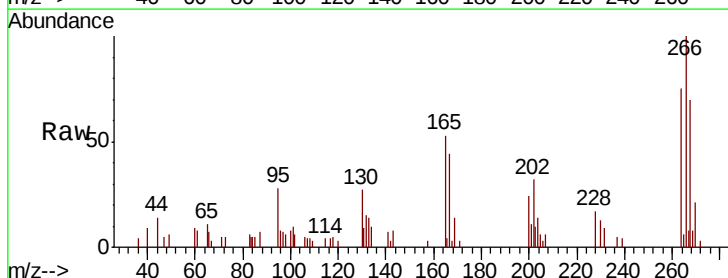
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion:200 Resp: 32869
 Ion Ratio Lower Upper
 200 100
 173 23.2 6.1 46.1
 215 46.8 30.8 70.8



#70
 Pentachlorophenol
 Concen: 4.541 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion:266 Resp: 11365
 Ion Ratio Lower Upper
 266 100
 268 78.5 55.0 82.6
 264 81.4 58.9 88.3

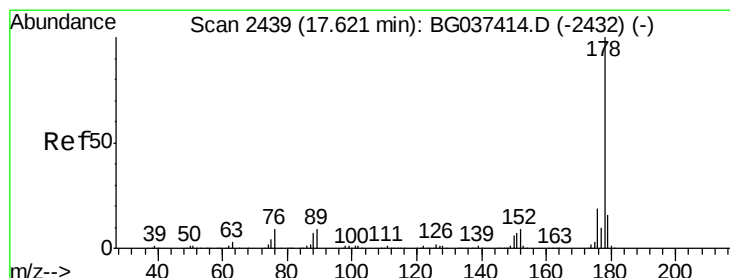
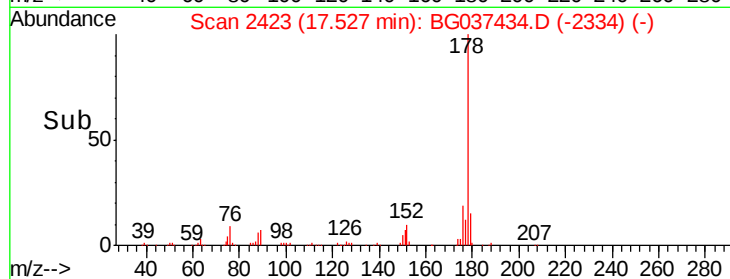
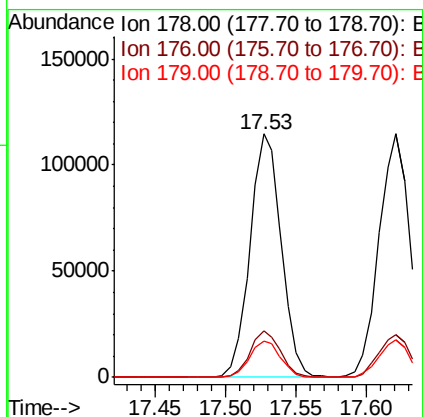
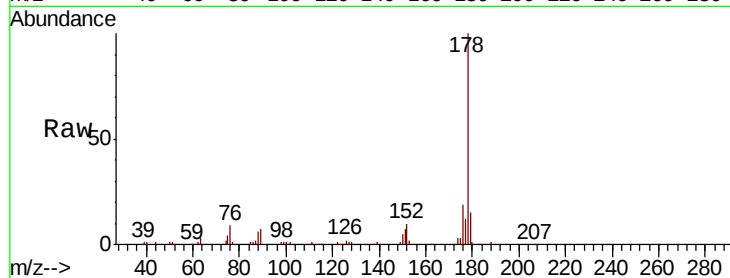




#71
Phenanthrene
Concen: 10.690 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

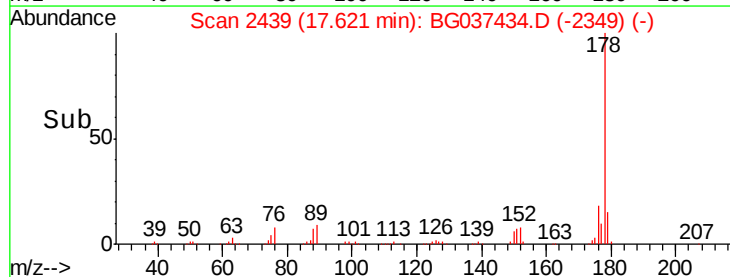
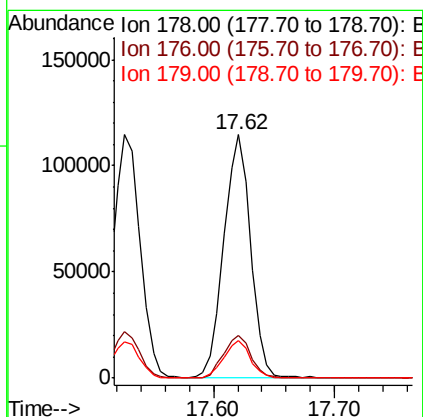
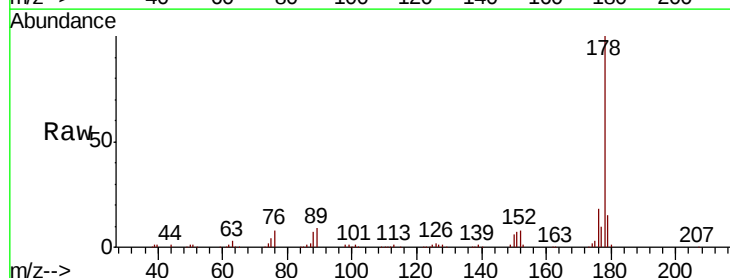
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion:178 Resp: 178337
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.0 13.0 19.4



#72
Anthracene
Concen: 10.750 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:178 Resp: 175998
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 15.4 12.8 19.2

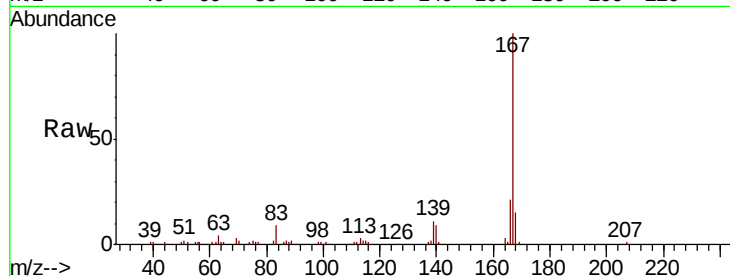




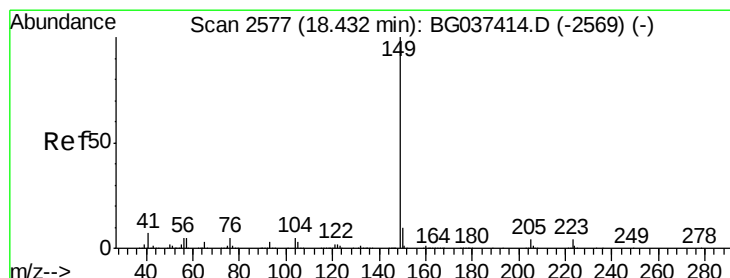
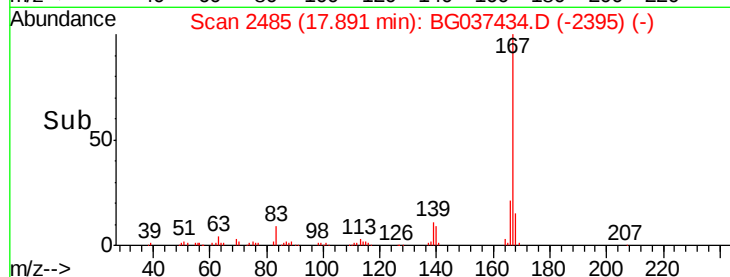
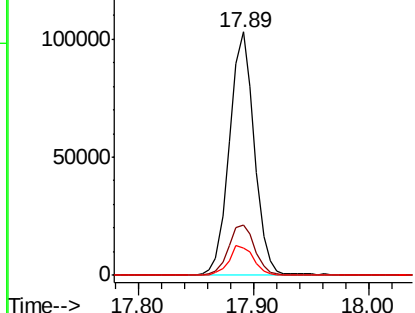
#73
 Carbazole
 Concen: 9.396 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.3	27.5
139	11.3	10.5	15.7

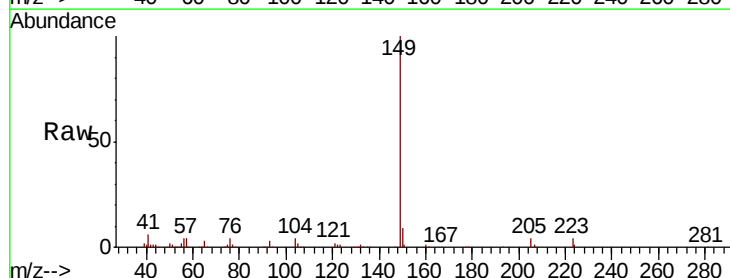


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

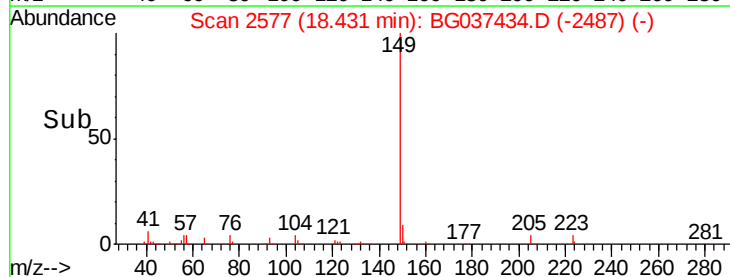
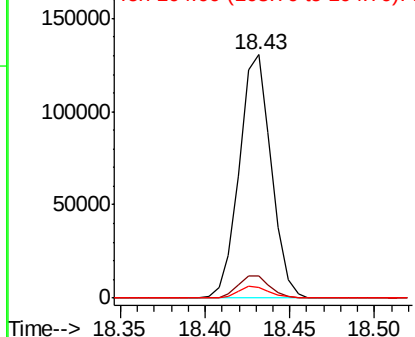


#74
 Di-n-butylphthalate
 Concen: 9.451 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037434.D
 Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.2	12.2
104	4.5	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.560 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

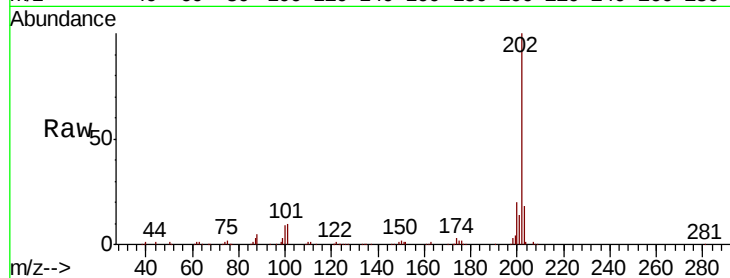
Tot Ion:202 Resp: 199806

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

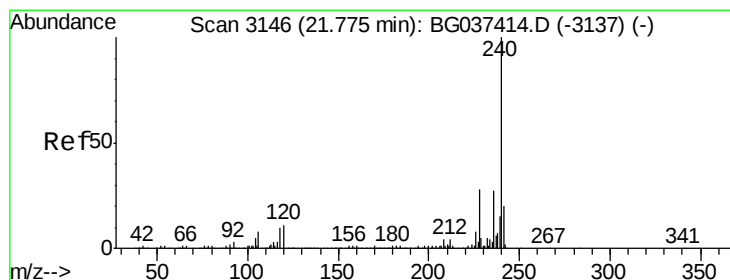
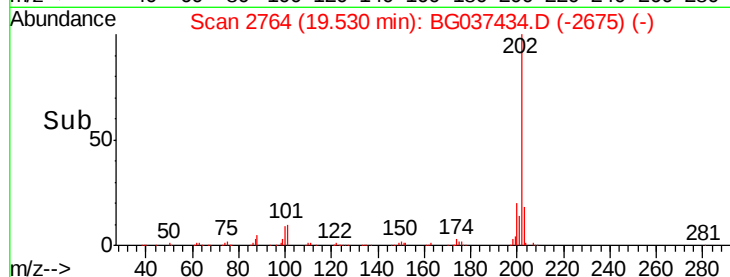
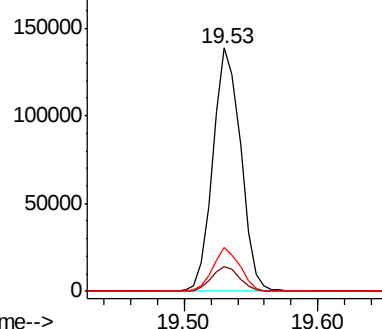
203 18.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

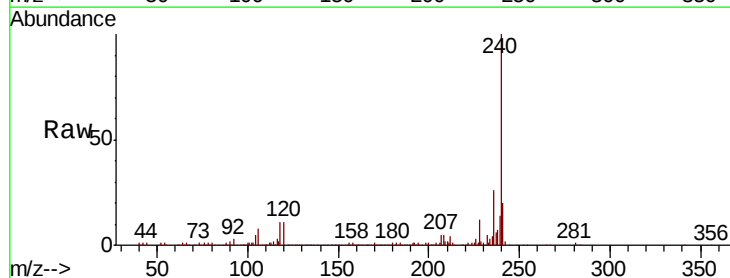
Tgt Ion:240 Resp: 308161

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

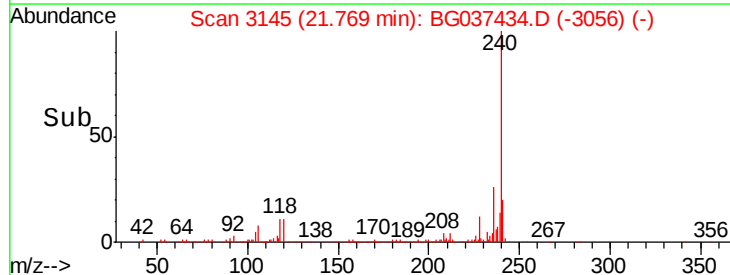
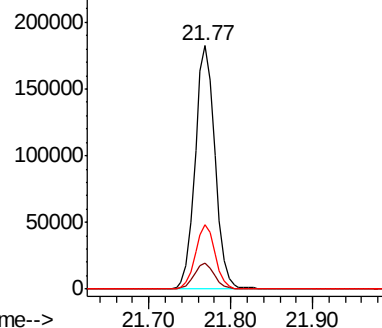
236 26.2 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.612 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

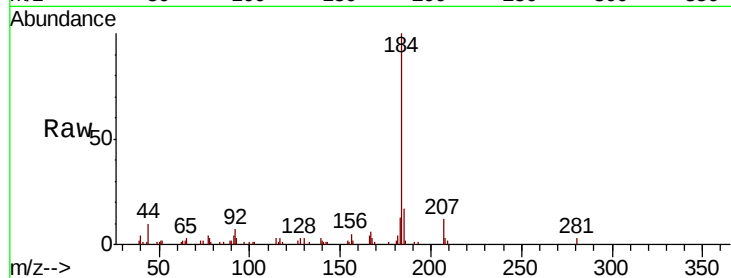
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:184 Resp: 27366

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.6	18.8
183	13.2	10.2	15.2

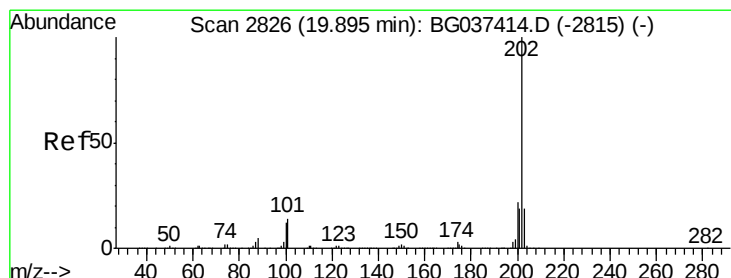
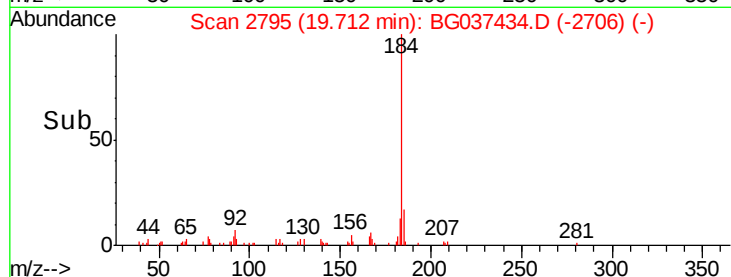
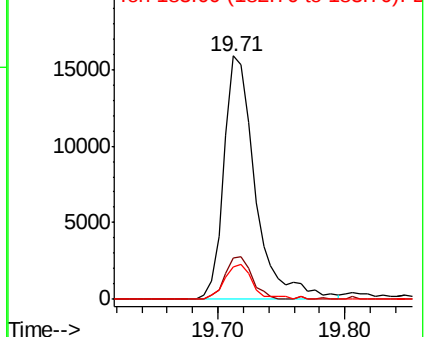


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.015 ng

RT: 19.89 min Scan# 2826

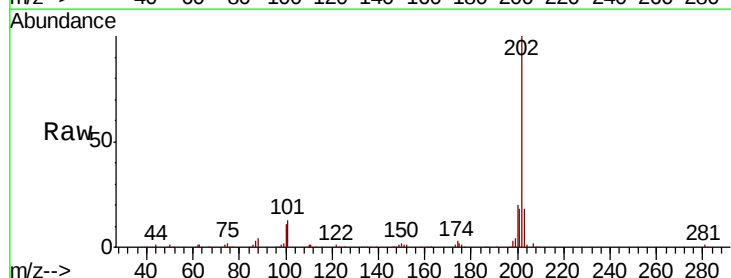
Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Tgt Ion:202 Resp: 201757

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	18.4	15.2	22.8

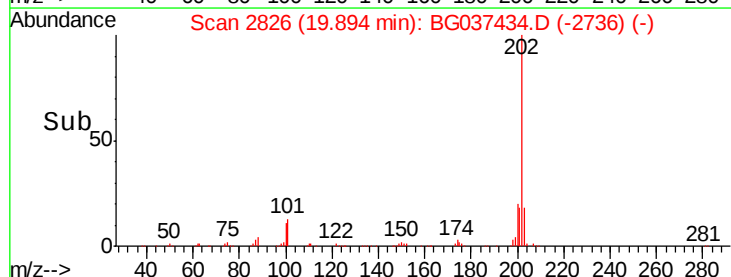
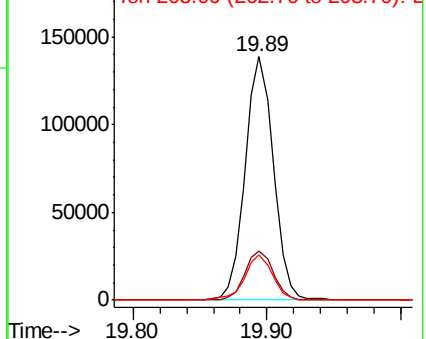


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.089 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

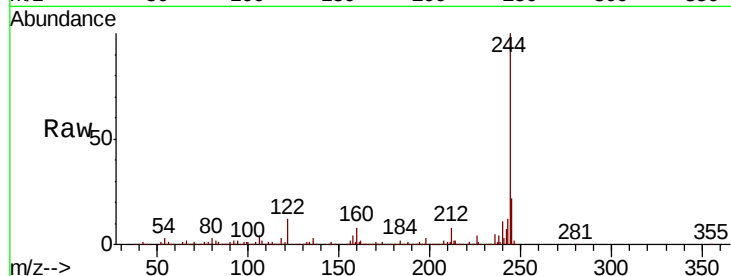
Tot Ion:244 Resp: 1328095

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

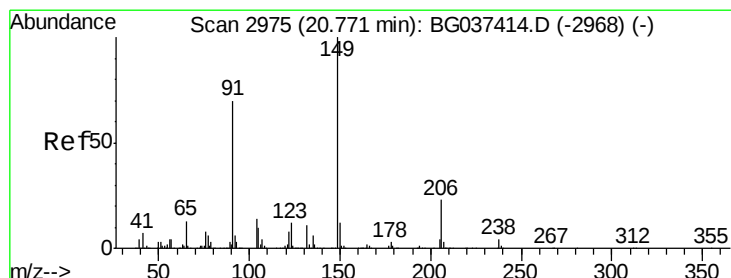
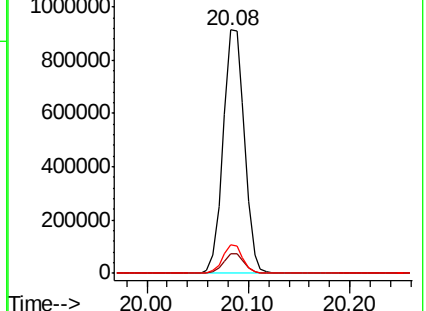
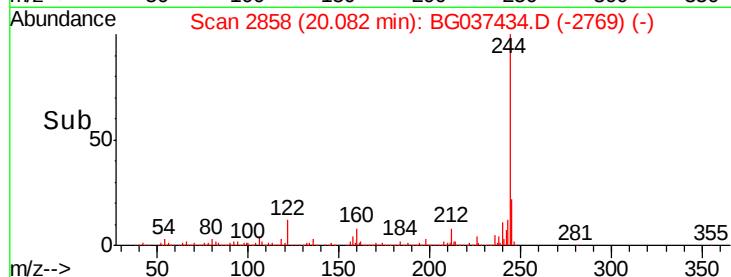
122 11.9 9.0 13.4



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: 8.641 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

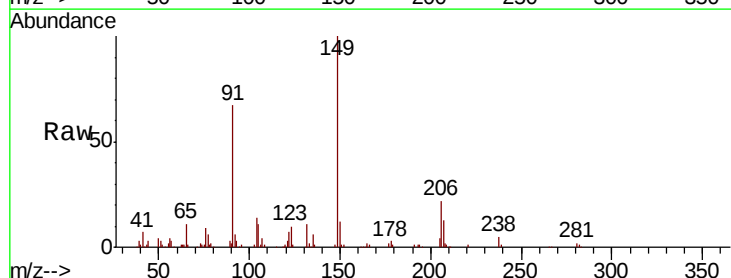
Tgt Ion:149 Resp: 71240

Ion Ratio Lower Upper

149 100

91 67.0 57.0 85.4

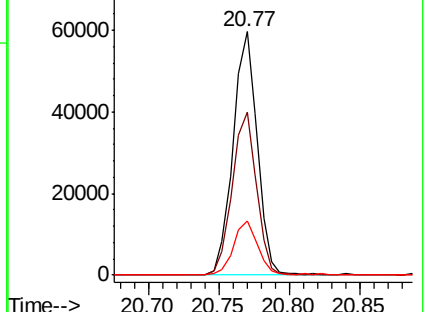
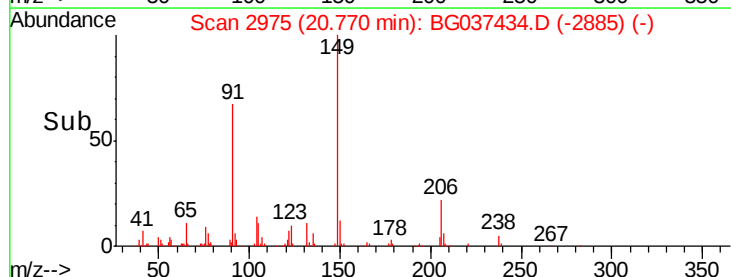
206 22.4 17.8 26.6



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

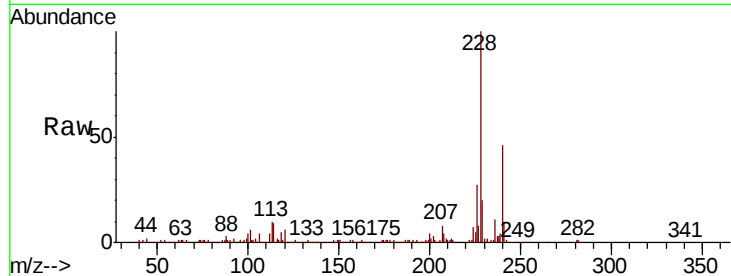




#81
Benzo(a)anthracene
Concen: 10.201 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	20.2	16.3	24.5

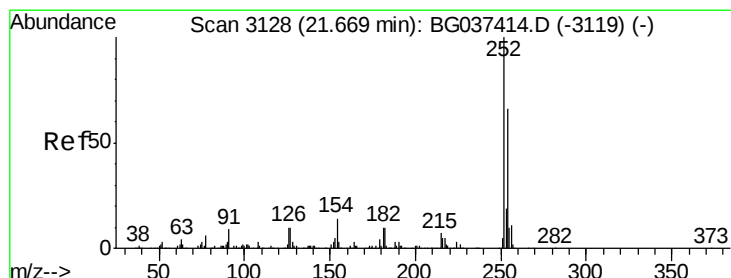
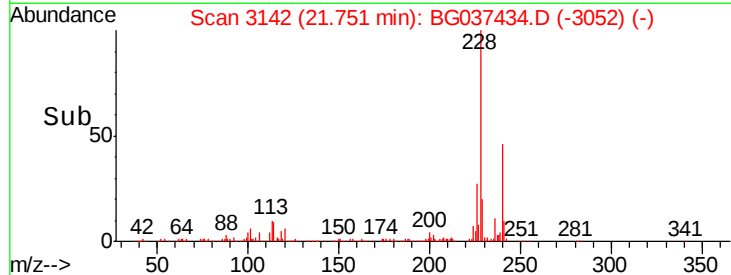
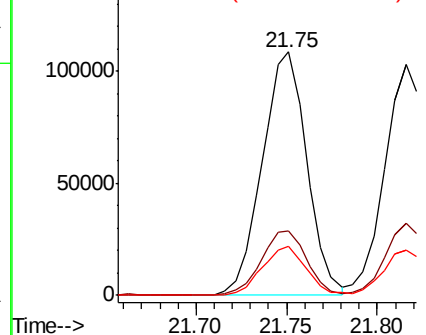


Abundance

Ion 228.00 (227.70 to 228.70): E

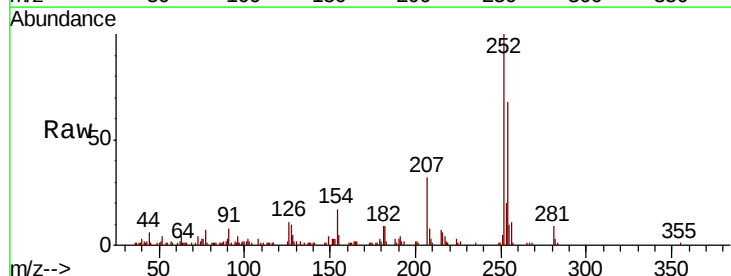
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 6.364 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.2	52.0	78.0
126	11.1	8.2	12.4

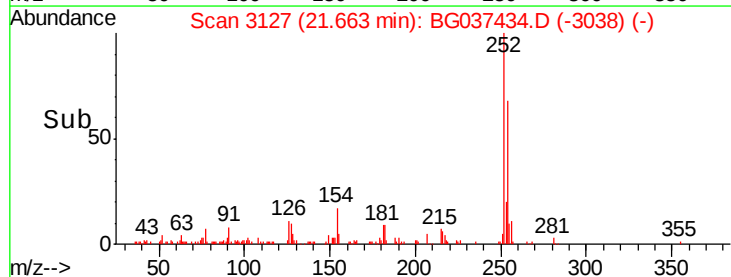
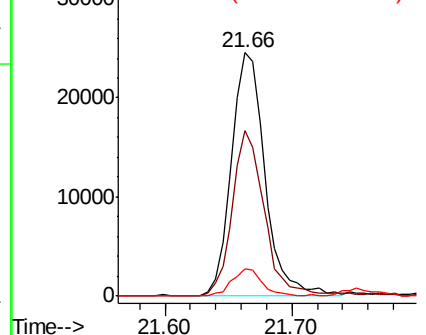


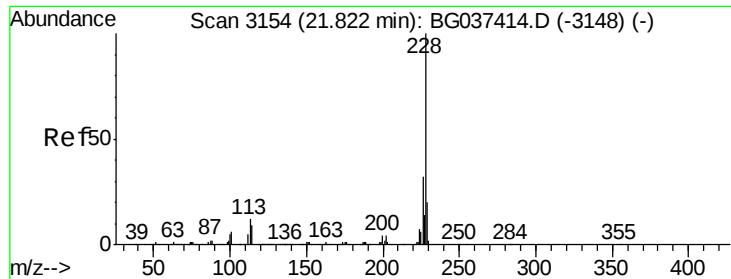
Abundance

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: 10.019 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

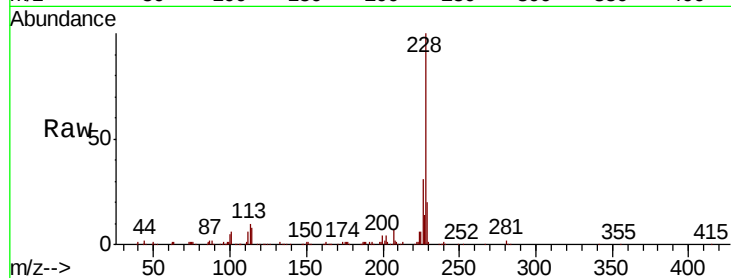
Tot Ion:228 Resp: 175608

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

229 19.7 16.5 24.7

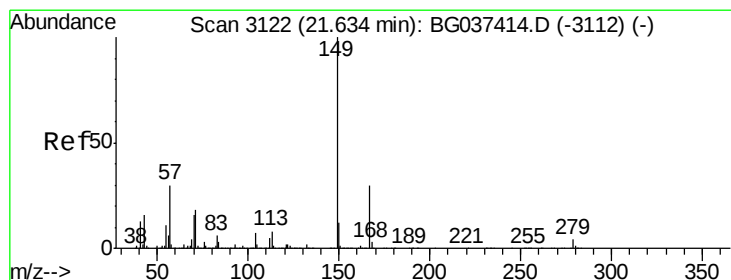
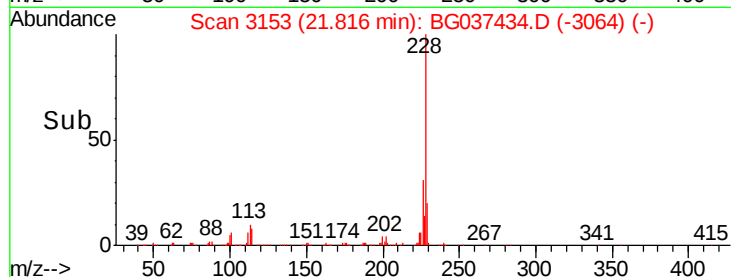
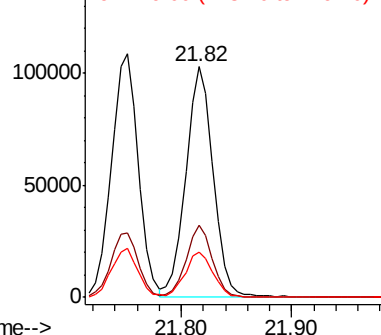


Abundance

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: 8.725 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

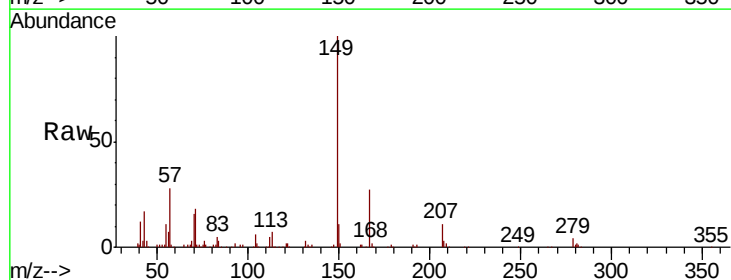
Tgt Ion:149 Resp: 100833

Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.4

279 4.1 3.6 5.4

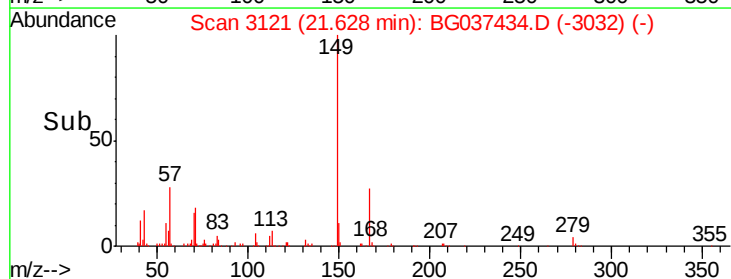
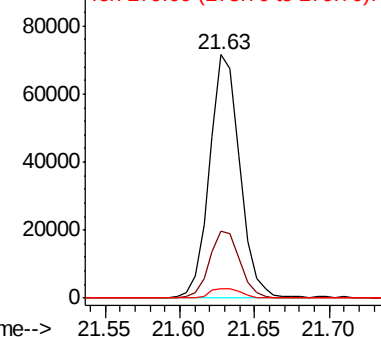


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.681 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

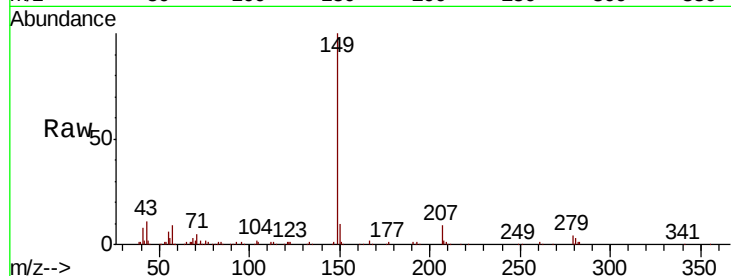
Tot Ion:149 Resp: 163588

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

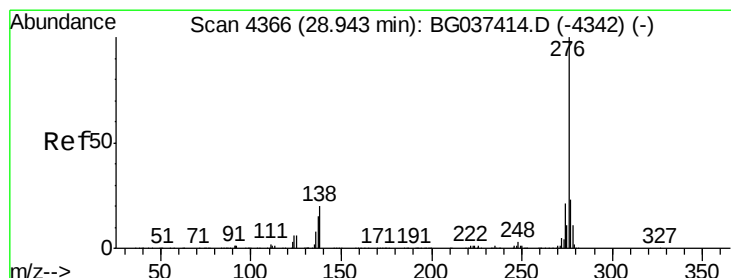
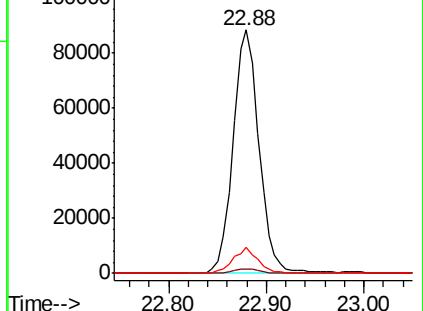
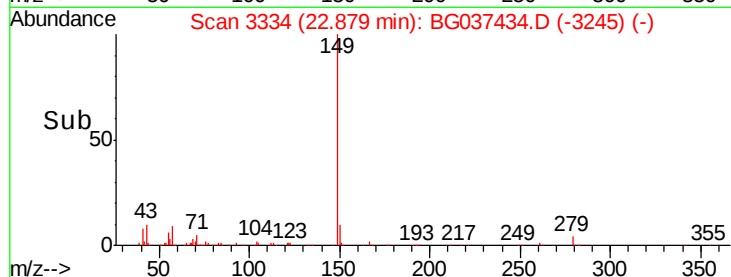
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.376 ng

RT: 28.93 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037434.D

Acq: 19 Oct 2018 00:28

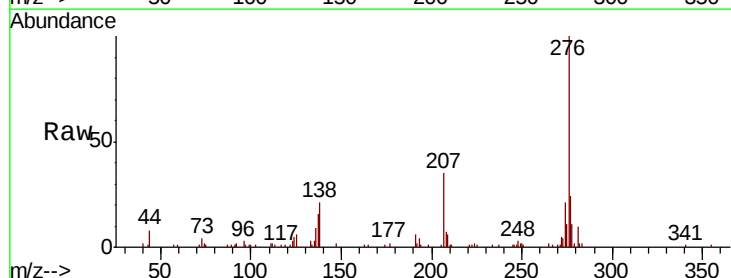
Tgt Ion:276 Resp: 157468

Ion Ratio Lower Upper

276 100

138 7.9 12.0 18.0#

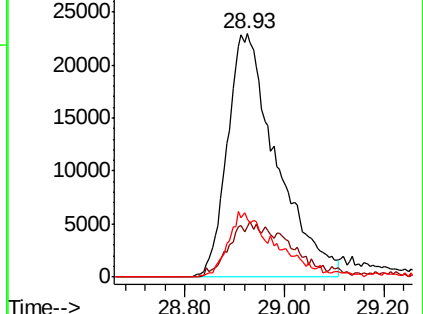
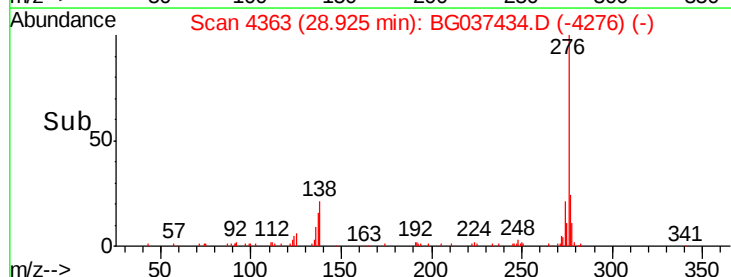
277 17.4 20.6 30.8#

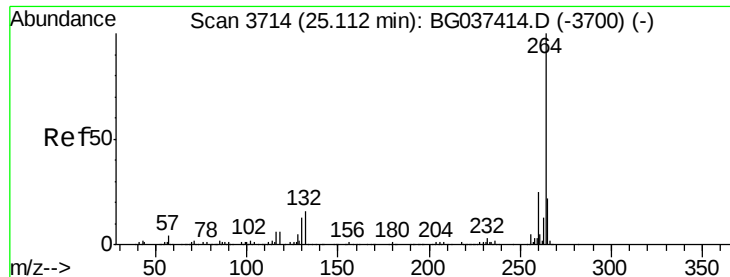


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



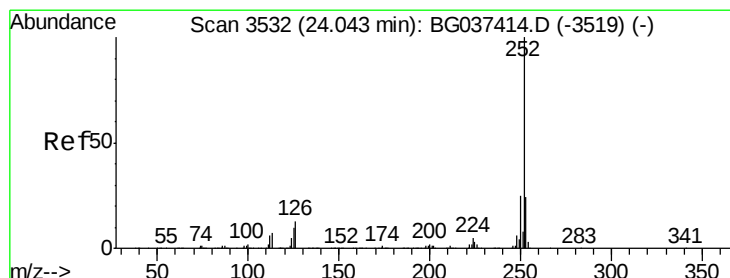
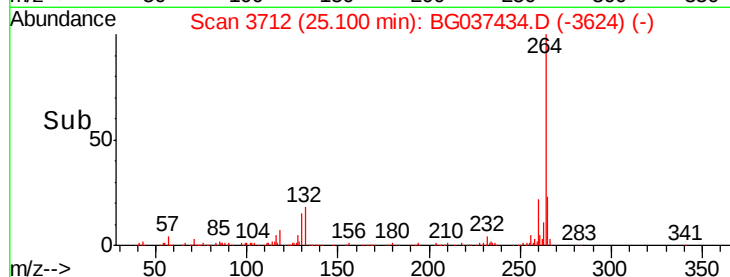
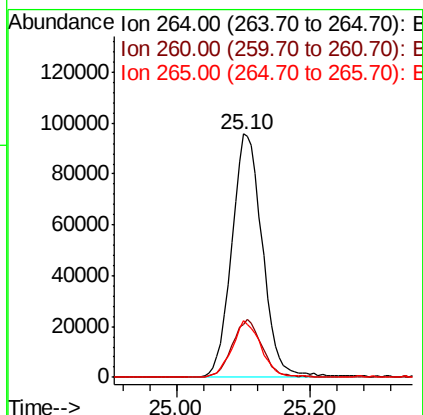
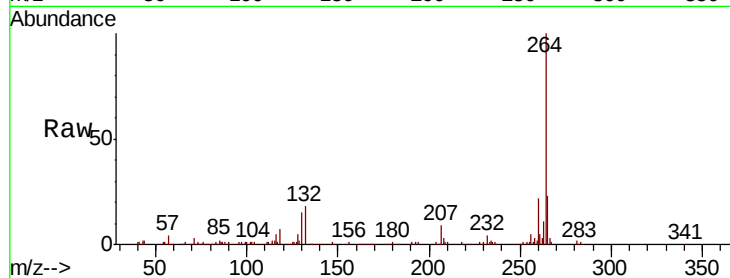


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion:264 Resp: 305616

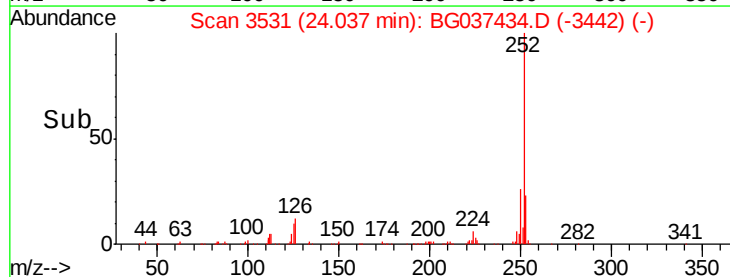
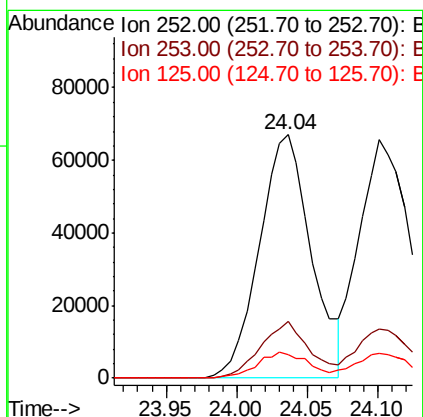
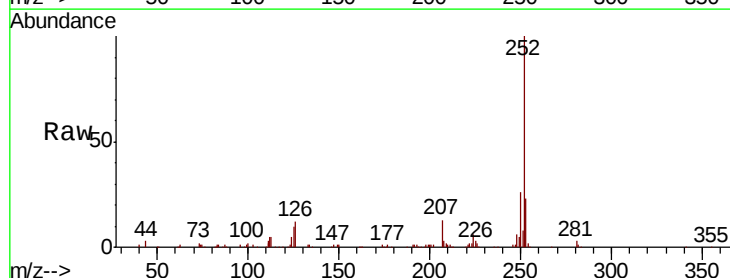
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	23.4	17.9	26.9

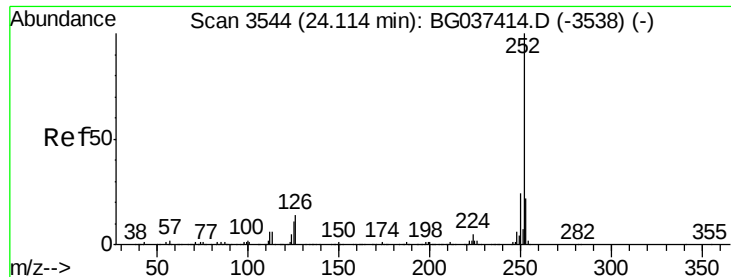


#88
Benzo(b)fluoranthene
Concen: 10.284 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion:252 Resp: 172310

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.6	7.8	11.6

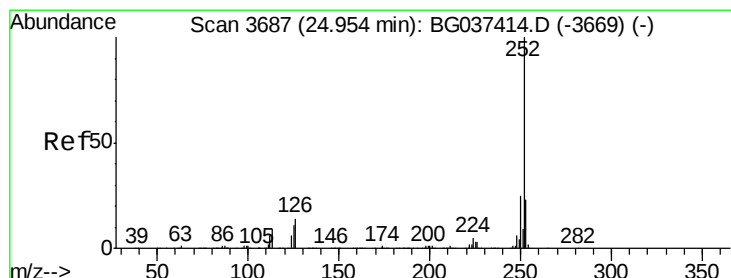
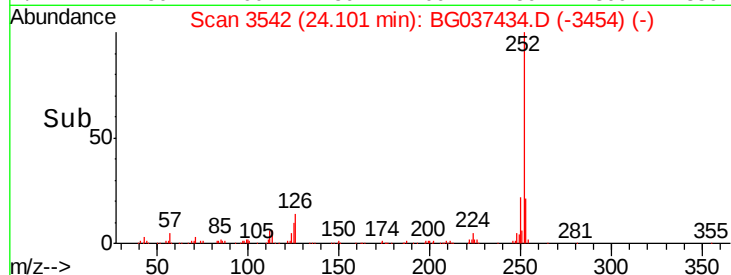
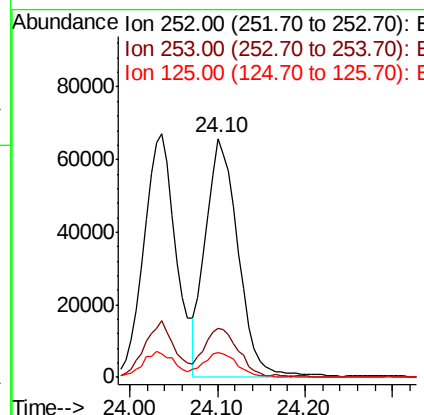
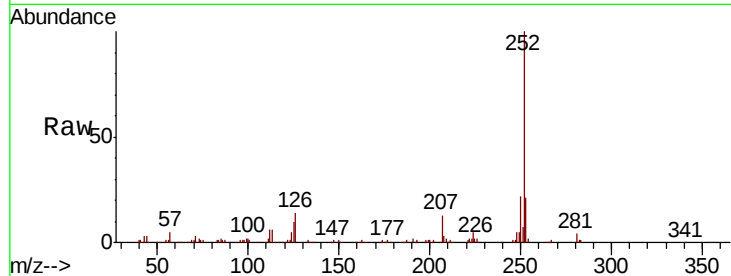




#89
Benzo(k)fluoranthene
Concen: 10.396 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

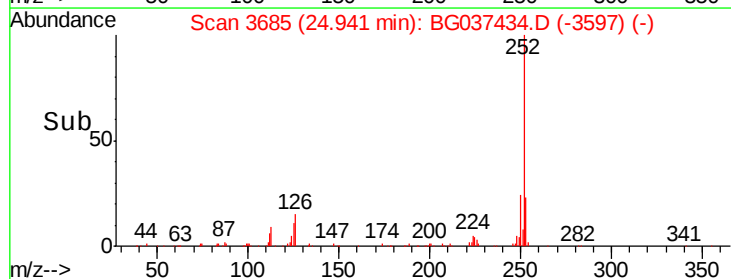
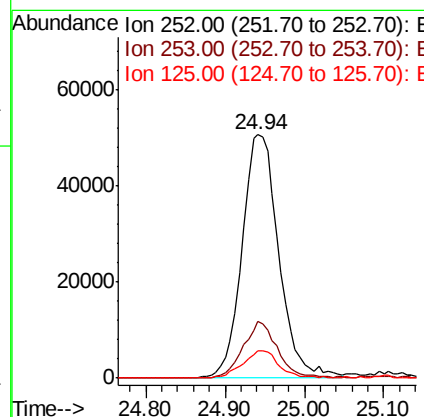
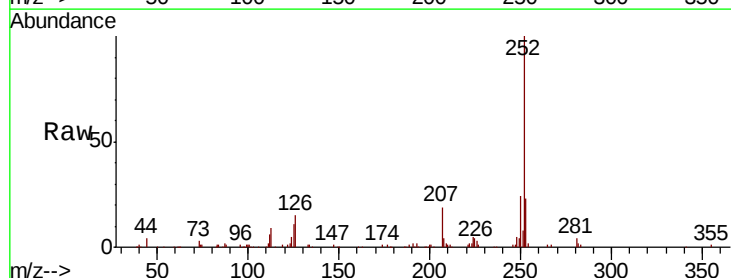
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

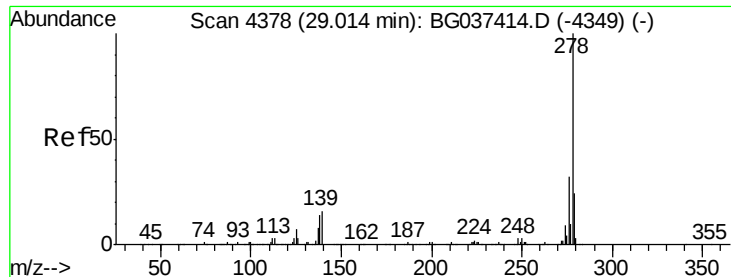
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.2
125	10.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 10.222 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.0	9.0	13.6

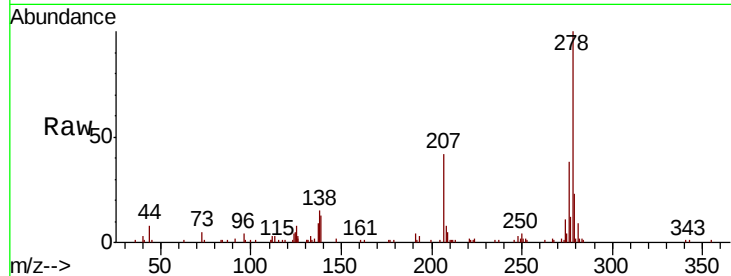




#91
Dibenzo(a,h)anthracene
Concen: 8.615 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.5	17.3
279	22.8	18.6	27.8

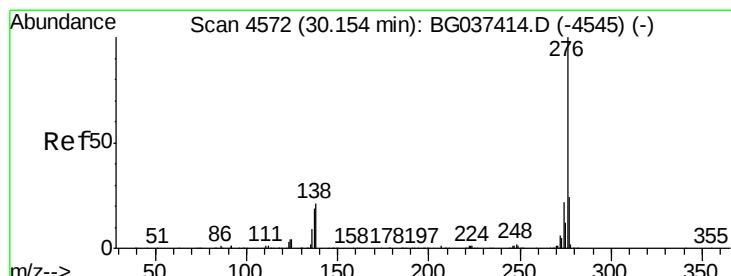
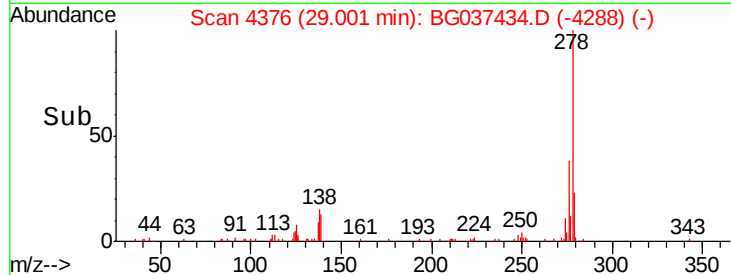
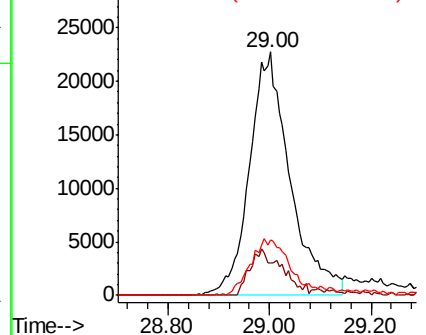


Abundance

Ion 278.00 (277.70 to 278.70): E

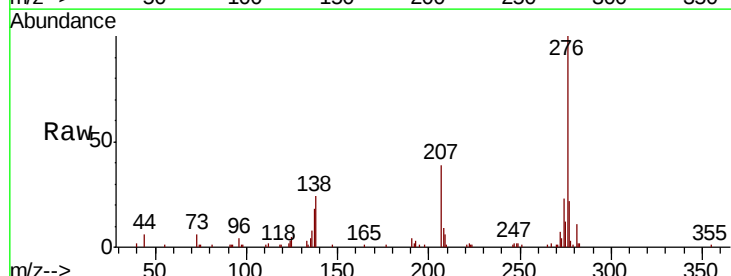
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.214 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037434.D
Acq: 19 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.9	28.3
138	23.6	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

