

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045957.D
 Acq On : 7 Jul 2020 11:44
 Operator : CG/JU
 Sample : L2182-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Quant Time: Jul 07 12:30:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	135029	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	545398	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	331370	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	677981	20.00	ng	0.00
76) Chrysene-d12	21.63	240	647335	20.00	ng	0.00
86) Perylene-d12	24.79	264	657998	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	905026	108.69	ng	0.00
7) Phenol-d6	7.16	99	1269842	105.93	ng	0.00
23) Nitrobenzene-d5	9.16	82	1098786	115.96	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	356550	115.93	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2190901	103.13	ng	0.00
79) Terphenyl-d14	19.99	244	2660186	91.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	16732	4.356	ng	96
3) Pyridine	3.91	79	37991	3.271	ng	91
4) n-Nitrosodimethylamine	3.82	42	16598	4.226	ng	# 93
6) Aniline	7.33	93	60358	3.936	ng	99
8) 2-Chlorophenol	7.57	128	32848	3.665	ng	95
9) Benzaldehyde	7.14	77	38987	5.133	ng	91
10) Phenol	7.19	94	46339	3.853	ng	84
11) bis(2-Chloroethyl)ether	7.43	93	38207	3.842	ng	96
12) 1,3-Dichlorobenzene	7.90	146	37363	3.616	ng	98
13) 1,4-Dichlorobenzene	8.05	146	39995	3.935	ng	92
14) 1,2-Dichlorobenzene	8.36	146	36080	3.689	ng	96
15) Benzyl Alcohol	8.24	79	35257	3.751	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	46662	3.597	ng	96
17) 2-Methylphenol	8.44	107	31125	3.449	ng	89
18) Hexachloroethane	9.10	117	14561	3.724	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	33539	3.983	ng	92
20) 3+4-Methylphenols	8.77	107	42620	3.466	ng	94
22) Acetophenone	8.82	105	61053	4.190	ng	98
24) Nitrobenzene	9.20	77	44253	4.231	ng	95
25) Isophorone	9.73	82	87344	3.776	ng	97
26) 2-Nitrophenol	9.91	139	11435	3.354	ng	96
27) 2,4-Dimethylphenol	9.97	122	31896	3.874	ng	88
28) bis(2-Chloroethoxy)methane	10.21	93	50162	3.862	ng	99
29) 2,4-Dichlorophenol	10.45	162	29006	3.403	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	35520	3.761	ng	98
31) Naphthalene	10.85	128	113629	3.886	ng	97
32) Benzoic acid	10.02	122	7570	1.698	ng	91
33) 4-Chloroaniline	10.95	127	47988	3.673	ng	96
34) Hexachlorobutadiene	11.16	225	18426	3.341	ng	94
35) Caprolactam	11.69	113	11644	3.598	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	35420	3.649	ng	96
37) 2-Methylnaphthalene	12.46	142	81379	3.915	ng	98
38) 1-Methylnaphthalene	12.67	142	78167	3.985	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	38294	4.100	ng	99

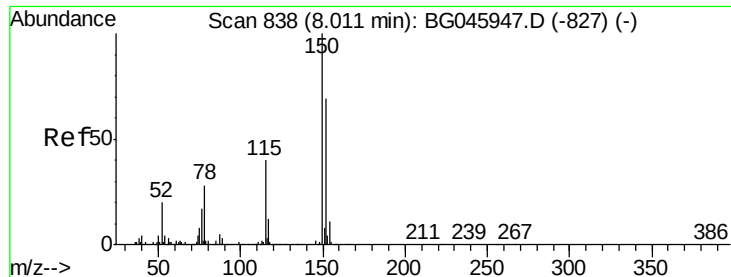
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
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 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	19591	3.535	ng	89
43) 2,4,6-Trichlorophenol	13.06	196	21970	3.478	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	24105	3.375	ng	93
46) 1,1'-Biphenyl	13.47	154	108495	4.352	ng	98
47) 2-Chloronaphthalene	13.50	162	74863	3.806	ng	93
48) 2-Nitroaniline	13.69	65	16132	3.505	ng	# 87
49) Acenaphthylene	14.35	152	129495	4.081	ng	98
50) Dimethylphthalate	14.08	163	93651	3.766	ng	# 98
51) 2,6-Dinitrotoluene	14.19	165	12314	3.191	ng	95
52) Acenaphthene	14.69	154	76845	3.839	ng	97
53) 3-Nitroaniline	14.51	138	14478	3.028	ng	# 70
54) 2,4-Dinitrophenol	14.72	184	2557	1.879	ng	# 62
55) Dibenzofuran	15.02	168	118032	4.023	ng	97
56) 4-Nitrophenol	14.81	139	11655	2.877	ng	85
57) 2,4-Dinitrotoluene	14.97	165	13759	2.886	ng	# 78
58) Fluorene	15.68	166	94824	3.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	19328	3.505	ng	# 91
60) Diethylphthalate	15.45	149	97910	3.754	ng	94
61) 4-Chlorophenyl-phenylether	15.67	204	45808	3.825	ng	97
62) 4-Nitroaniline	15.67	138	16049	3.122	ng	99
63) Azobenzene	15.96	77	109479	3.911	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	4574	2.303	ng	96
66) n-Nitrosodiphenylamine	15.88	169	84629	4.028	ng	95
67) 4-Bromophenyl-phenylether	16.56	248	26849	3.546	ng	91
68) Hexachlorobenzene	16.68	284	28623	3.767	ng	96
69) Atrazine	16.83	200	30137	4.852	ng	96
70) Pentachlorophenol	17.02	266	13260	3.139	ng	# 89
71) Phenanthrene	17.41	178	144338	4.027	ng	95
72) Anthracene	17.50	178	152398	4.190	ng	95
73) Carbazole	17.77	167	139330	3.821	ng	93
74) Di-n-butylphthalate	18.35	149	171456	3.892	ng	# 94
75) Fluoranthene	19.42	202	172421	4.161	ng	96
77) Benzidine	19.59	184	94175	5.088	ng	99
78) Pyrene	19.42	202	172421	3.902	ng	94
80) Butylbenzylphthalate	20.68	149	71539	3.426	ng	98
81) Benzo(a)anthracene	21.61	228	168531	3.959	ng	92
82) 3,3'-Dichlorobenzidine	21.52	252	64639	4.110	ng	96
83) Chrysene	21.67	228	157637	3.887	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	110045	3.631	ng	# 95
85) Di-n-octyl phthalate	22.75	149	186171	3.539	ng	99
87) Indeno(1,2,3-cd)pyrene	28.35	276	180168	3.743	ng	95
88) Benzo(b)fluoranthene	23.78	252	162794	3.897	ng	97
89) Benzo(k)fluoranthene	23.85	252	159088	4.028	ng	98
90) Benzo(a)pyrene	24.63	252	147387	3.752	ng	98
91) Dibenzo(a,h)anthracene	28.43	278	152541	3.929	ng	95
92) Benzo(g,h,i)perylene	29.46	276	152107	3.893	ng	95

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

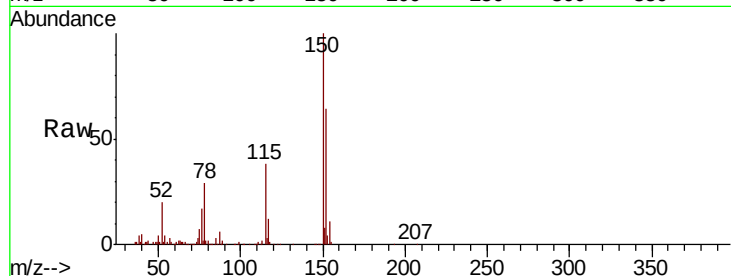


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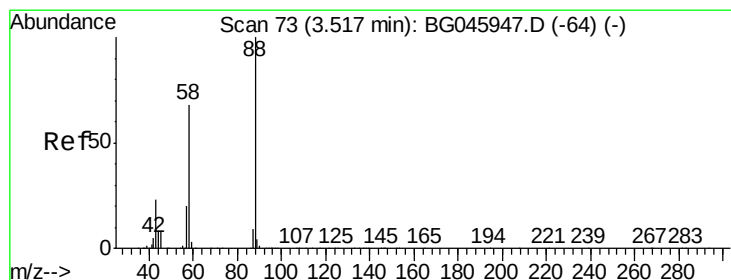
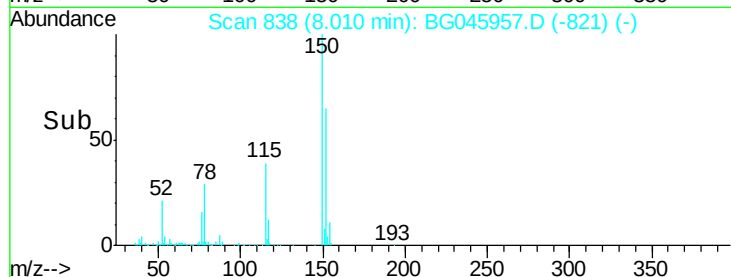
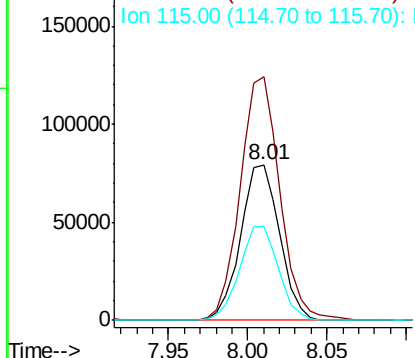
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:152 Resp: 135029
Ion Ratio Lower Upper
152 100
150 156.4 116.7 175.1
115 60.2 47.4 71.0



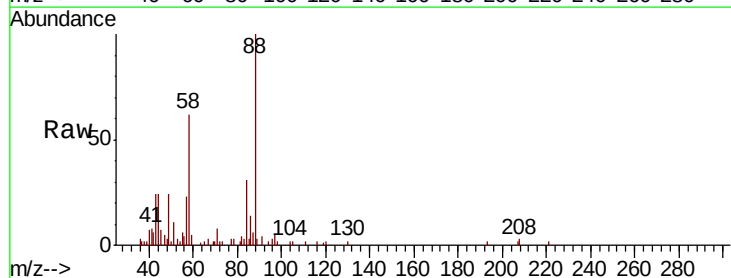
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



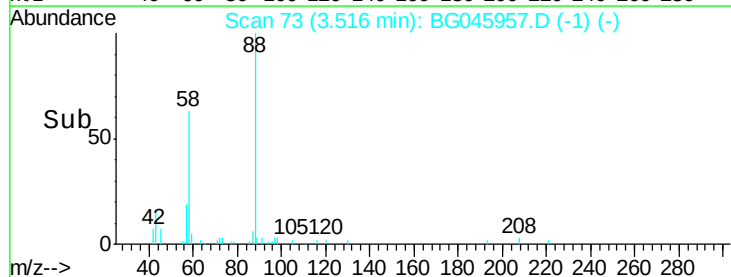
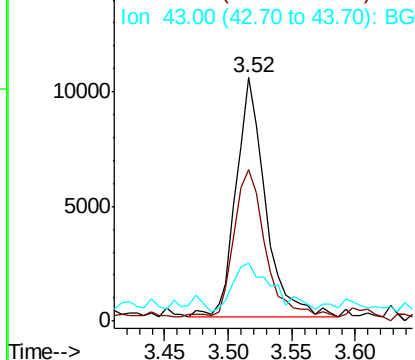
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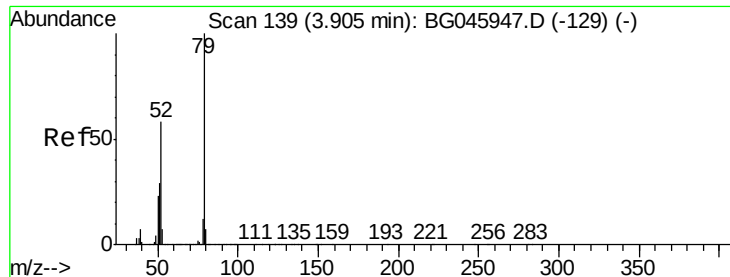
1,4-Dioxane
Concen: 4.356 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion: 88 Resp: 16732
Ion Ratio Lower Upper
88 100
58 66.5 55.2 82.8
43 27.1 19.4 29.0



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: 3.271 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

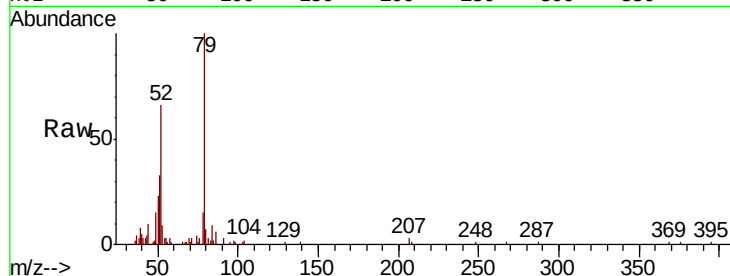
Tot Ion: 79 Resp: 37991

Ion Ratio Lower Upper

79 100

52 65.8 46.5 69.7

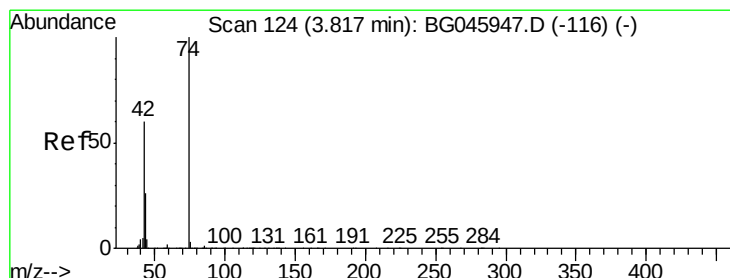
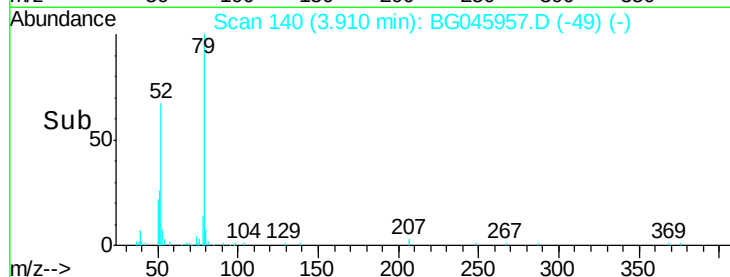
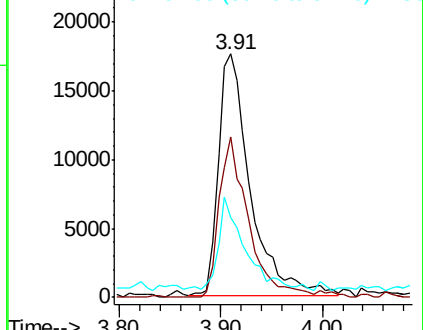
51 32.9 23.5 35.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 4.226 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

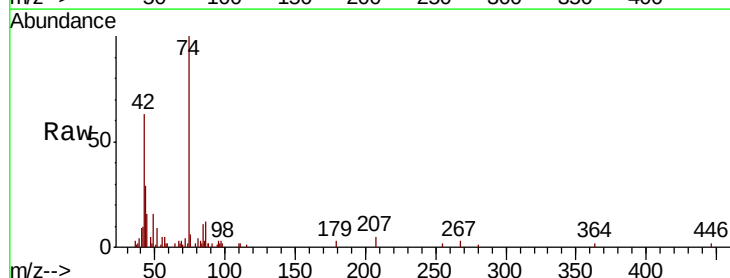
Tgt Ion: 42 Resp: 16598

Ion Ratio Lower Upper

42 100

74 157.7 131.9 197.9

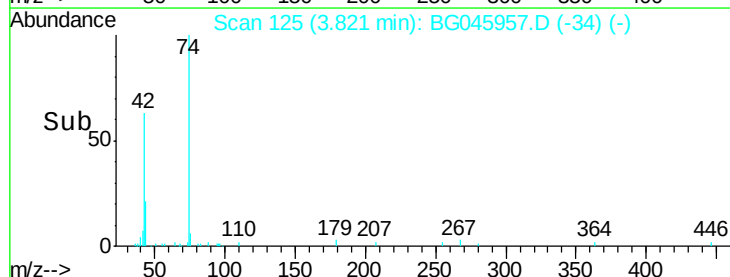
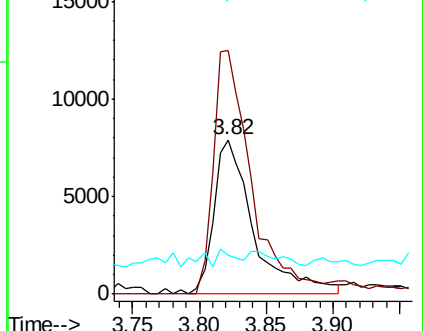
44 24.9 7.7 11.5#

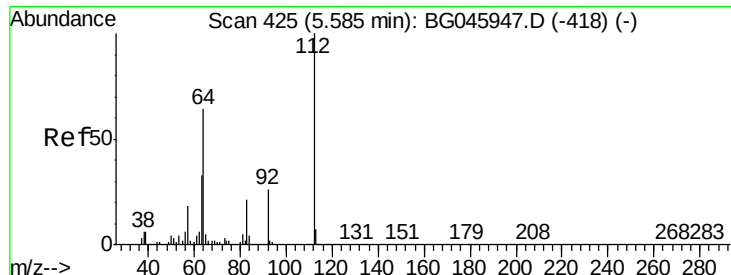


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.691 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

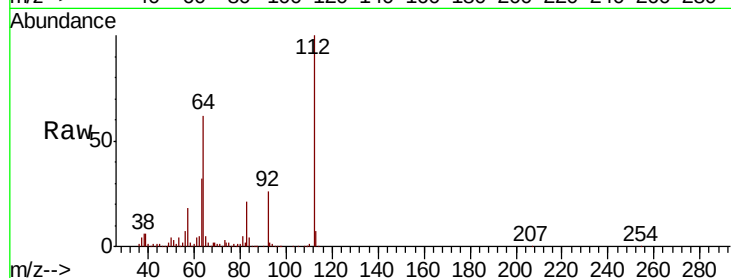
Tot Ion:112 Resp: 905026

Ion Ratio Lower Upper

112 100

64 62.2 51.4 77.2

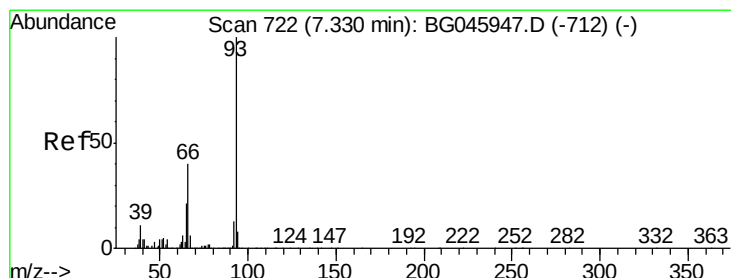
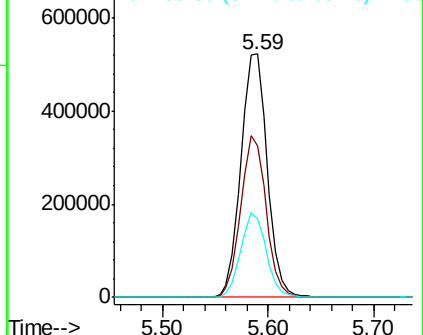
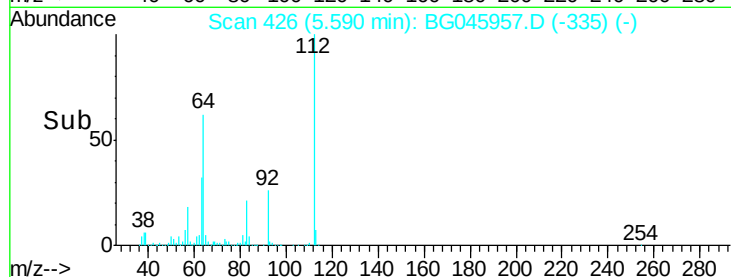
63 32.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.936 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

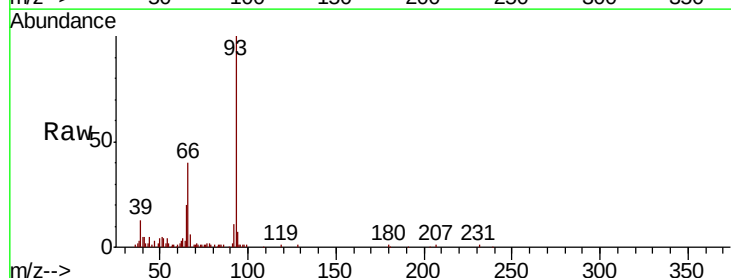
Tgt Ion: 93 Resp: 60358

Ion Ratio Lower Upper

93 100

66 39.6 32.3 48.5

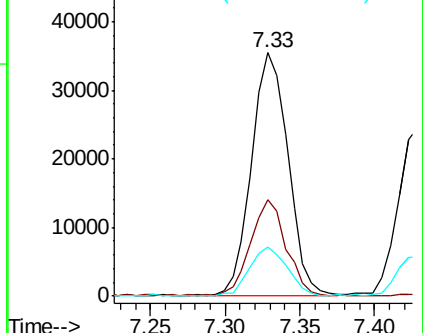
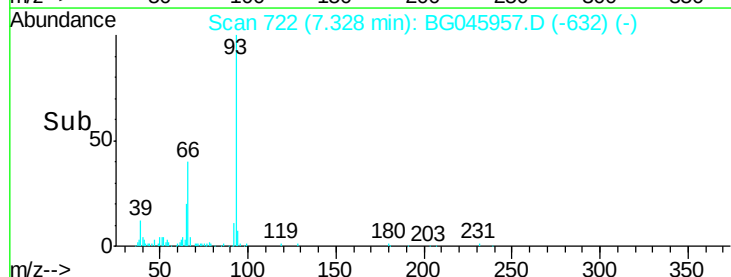
65 20.0 16.6 25.0

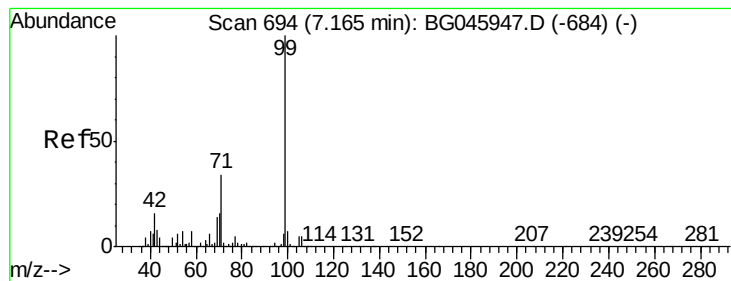


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.927 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

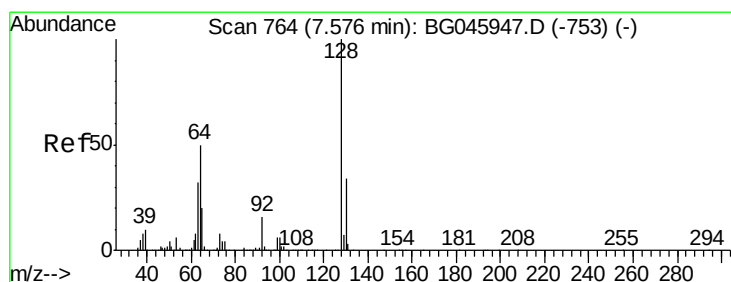
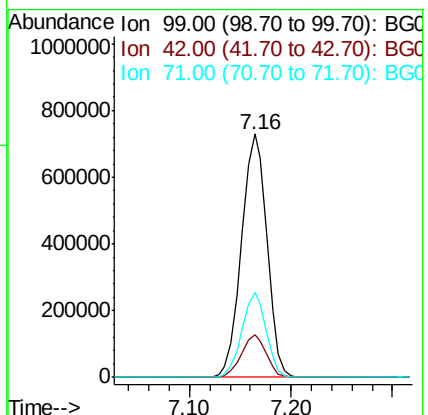
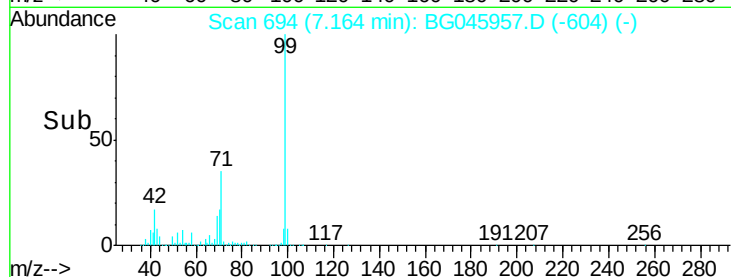
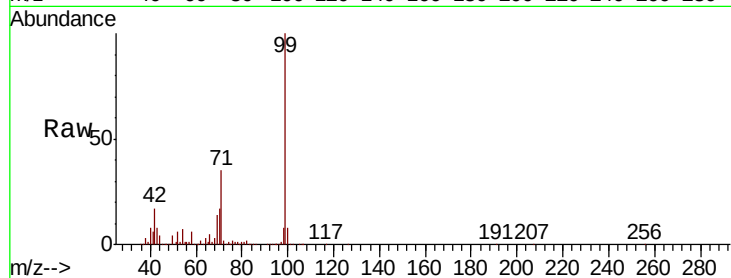
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1269842

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.0	19.4
71	34.8	27.5	41.3



#8

2-Chlorophenol

Concen: 3.665 ng

RT: 7.57 min Scan# 763

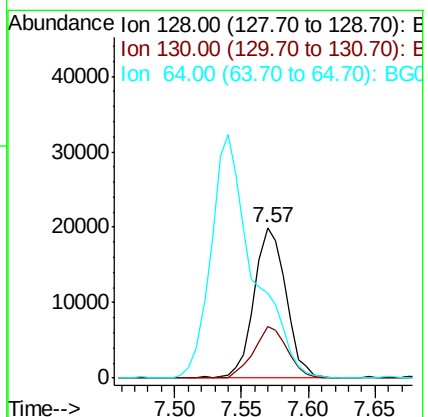
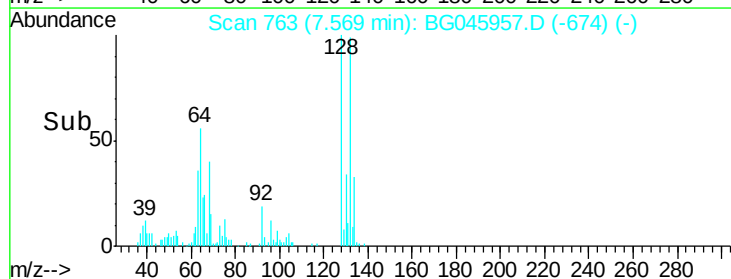
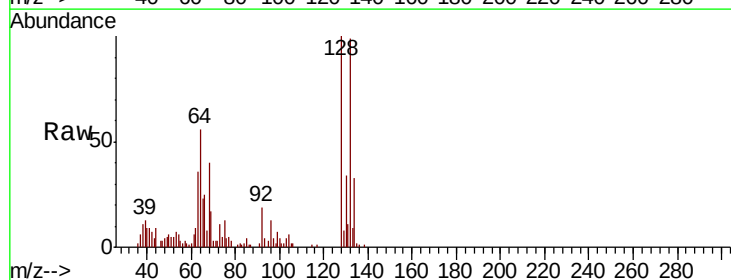
Delta R.T. -0.01 min

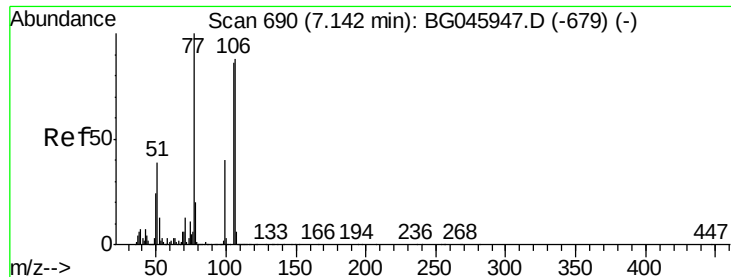
Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion: 128 Resp: 32848

Ion	Ratio	Lower	Upper
128	100		
130	34.4	13.6	53.6
64	56.3	30.6	70.6





#9

Benzaldehyde

Concen: 5.133 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

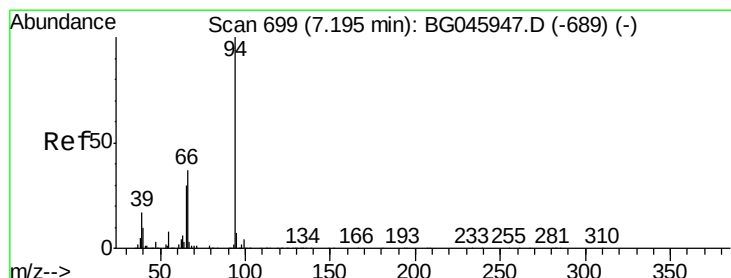
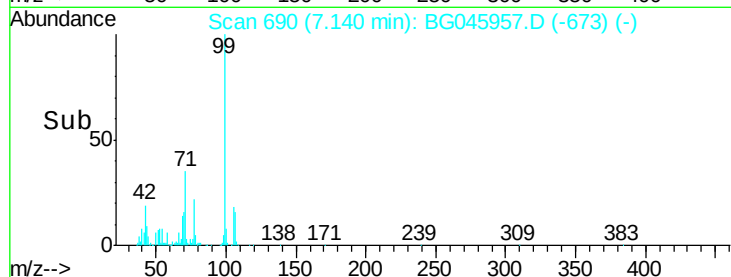
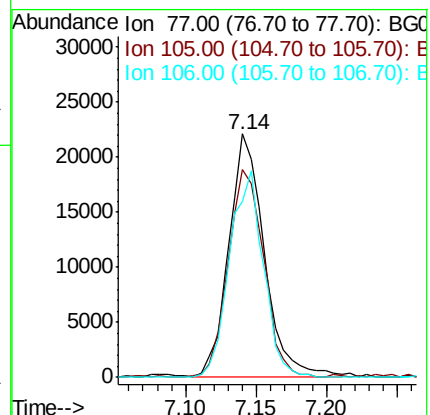
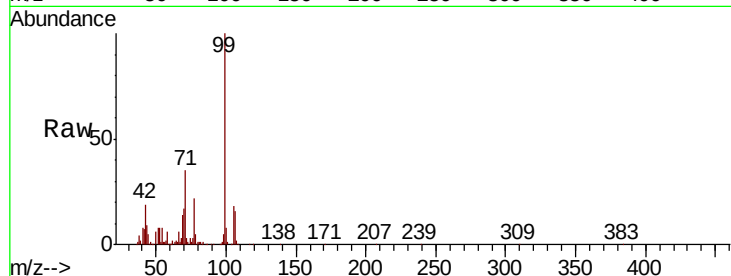
Tot Ion: 77 Resp: 38987

Ion Ratio Lower Upper

77 100

105 85.4 66.0 106.0

106 72.4 67.7 107.7



#10

Phenol

Concen: 3.853 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

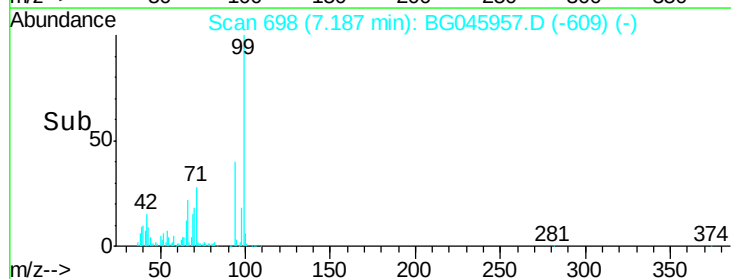
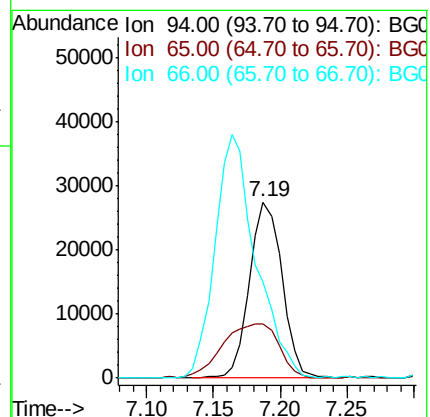
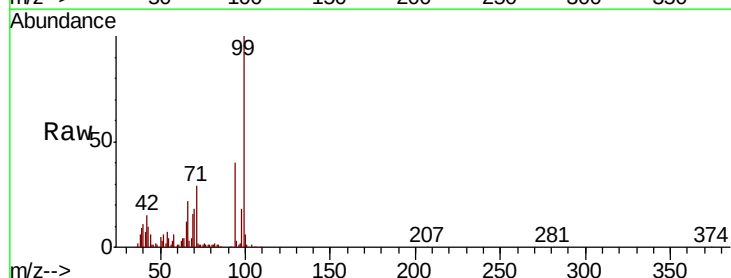
Tgt Ion: 94 Resp: 46339

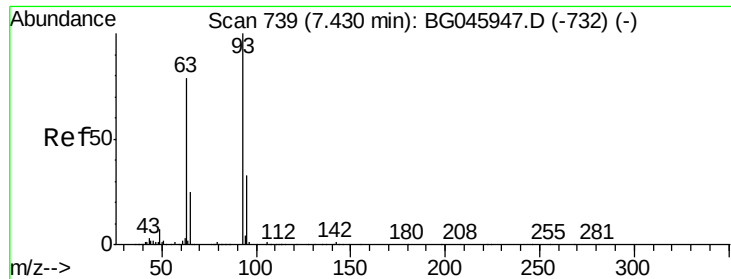
Ion Ratio Lower Upper

94 100

65 30.8 10.6 50.6

66 54.5 17.1 57.1

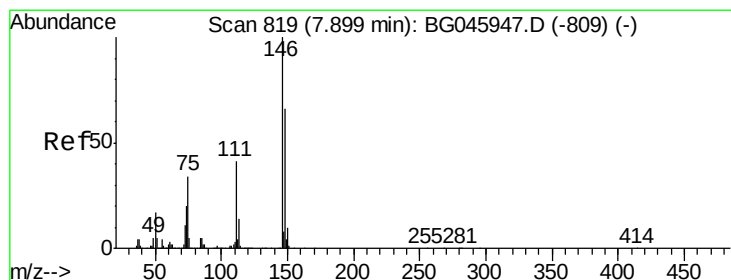
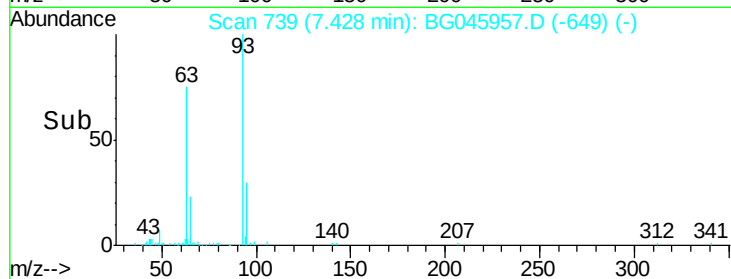
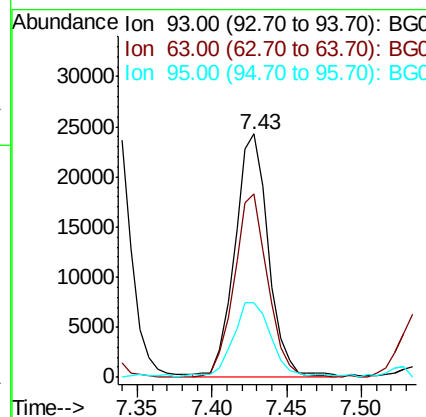
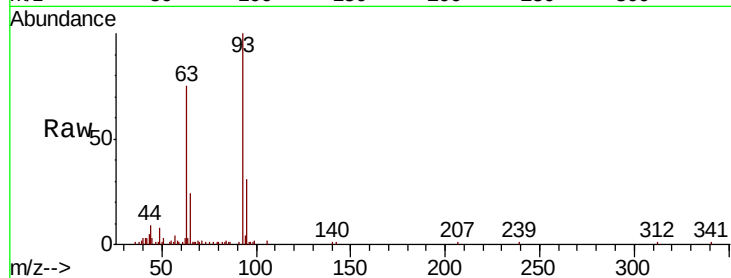




#11
 bis(2-Chloroethyl)ether
 Concen: 3.842 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

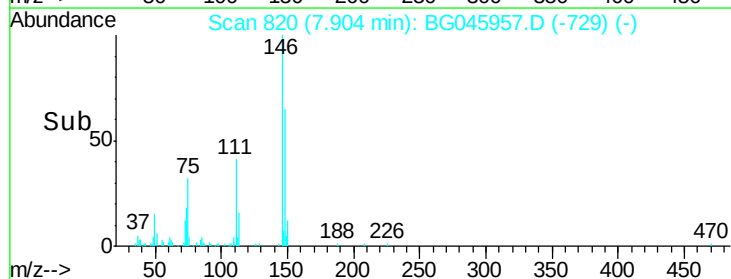
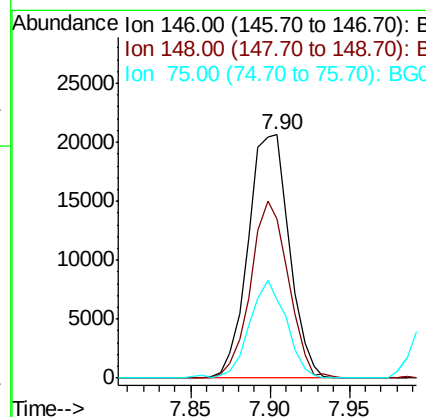
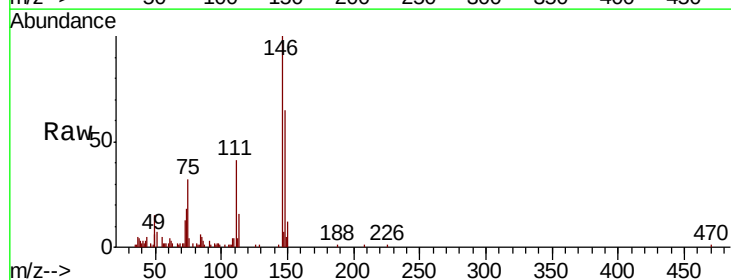
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

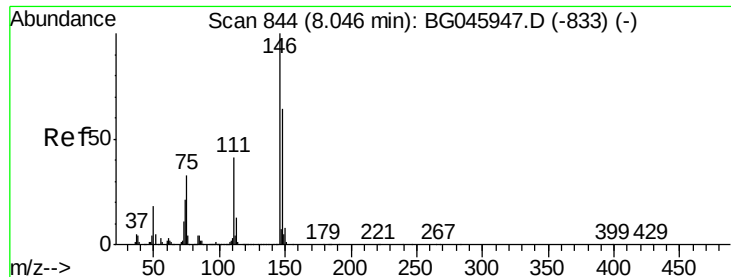
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.6	98.6
95	30.9	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 3.616 ng
 RT: 7.90 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.8	79.2
75	32.4	27.2	40.8

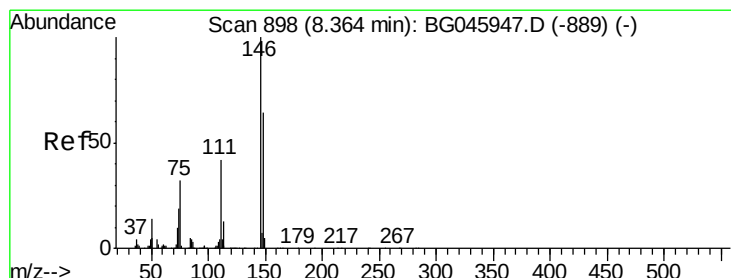
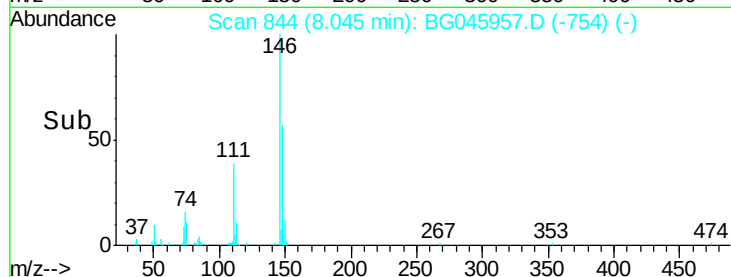
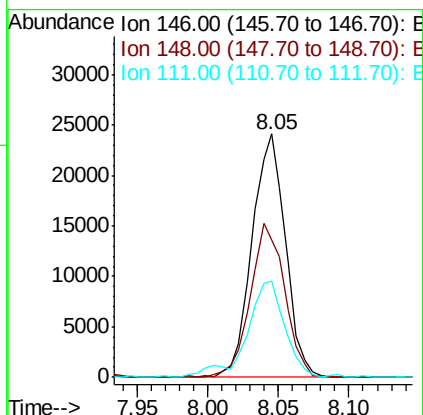
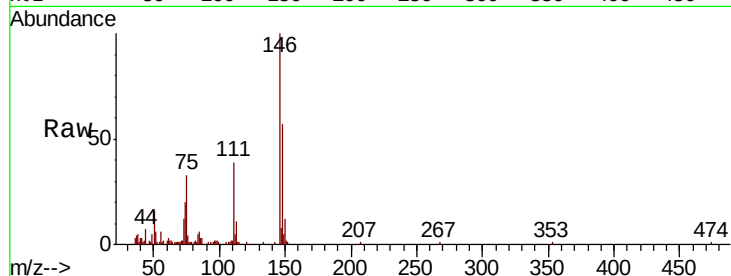




#13
 1,4-Dichlorobenzene
 Concen: 3.935 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

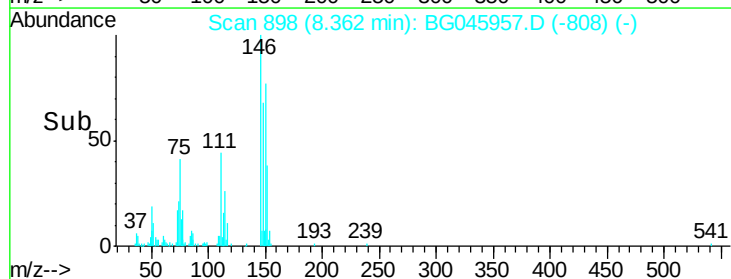
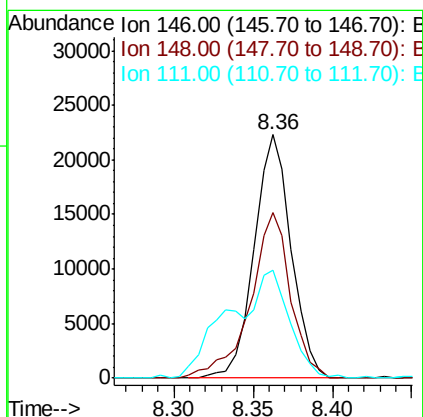
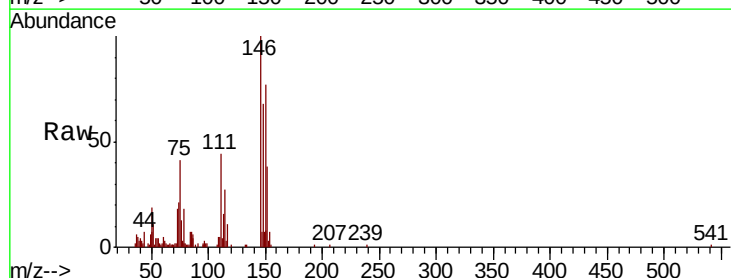
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

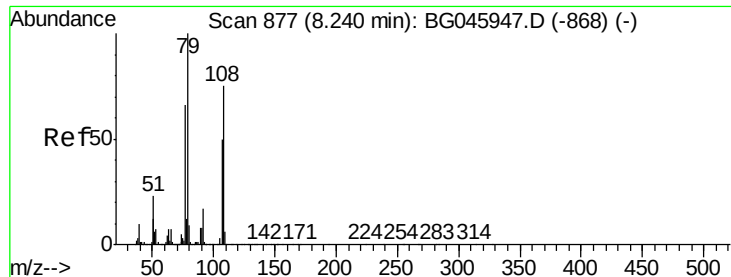
Tot Ion	Ratio	Lower	Upper
146	100		
148	56.5	51.7	77.5
111	39.5	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 3.689 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.6	77.4
111	44.1	34.0	51.0





#15

Benzyl Alcohol

Concen: 3.751 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

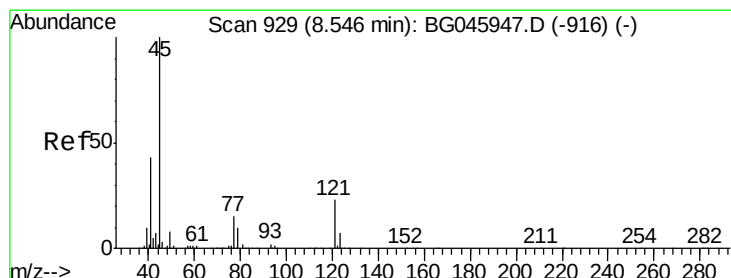
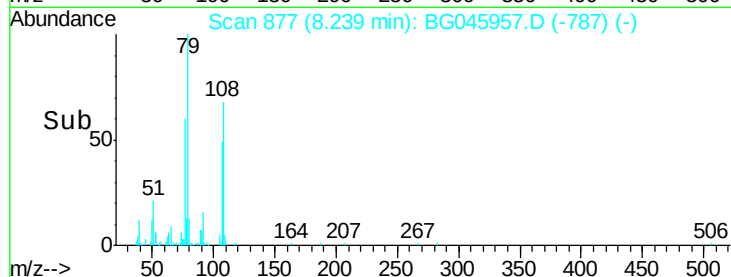
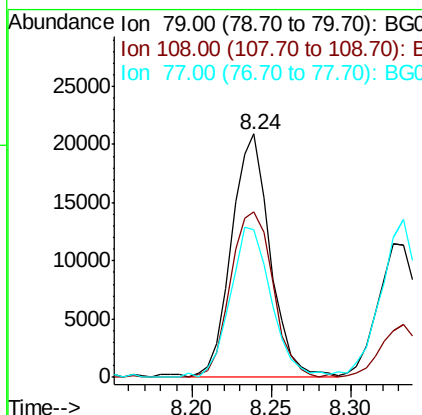
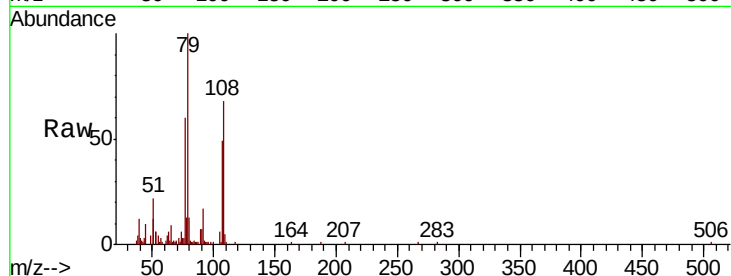
Tot Ion: 79 Resp: 35257

Ion Ratio Lower Upper

79 100

108 68.1 60.2 90.4

77 60.5 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.597 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

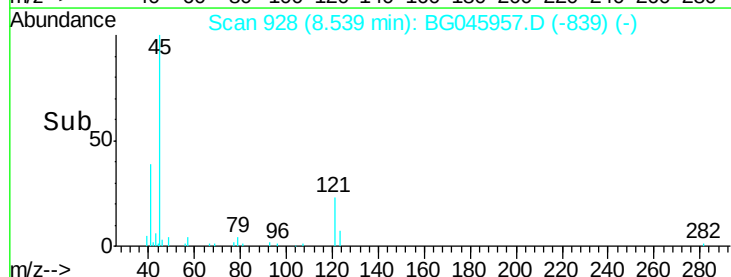
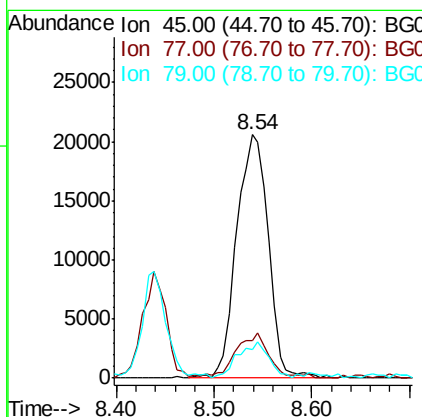
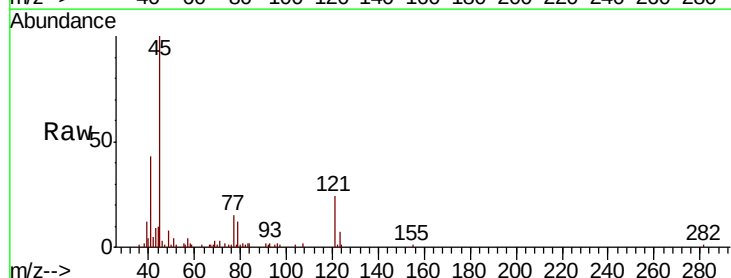
Tgt Ion: 45 Resp: 46662

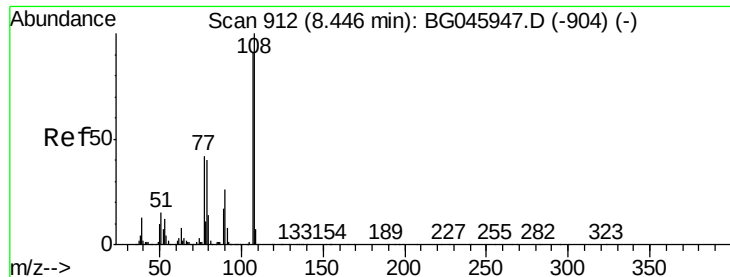
Ion Ratio Lower Upper

45 100

77 15.3 0.0 37.6

79 11.9 0.0 32.6





#17

2-Methylphenol

Concen: 3.449 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:107 Resp: 31125

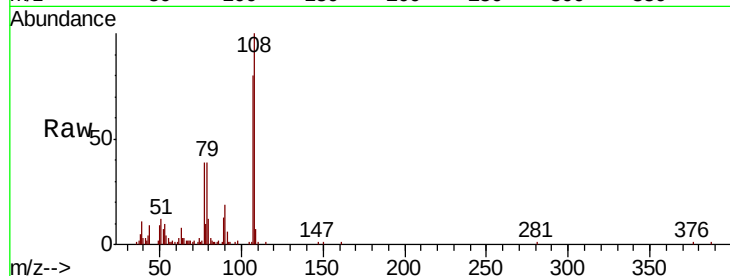
Ion Ratio Lower Upper

107 100

108 125.8 88.2 132.4

77 49.5 37.0 55.4

79 49.6 35.4 53.0

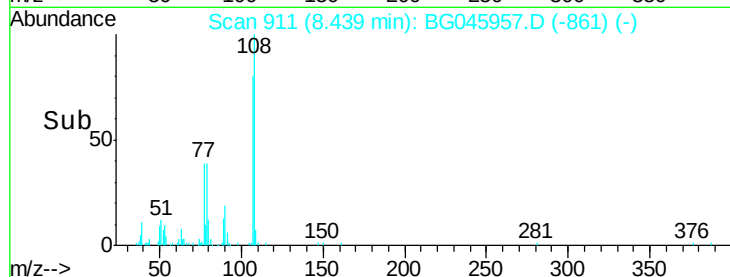


Abundance Ion 107.00 (106.70 to 107.70): E

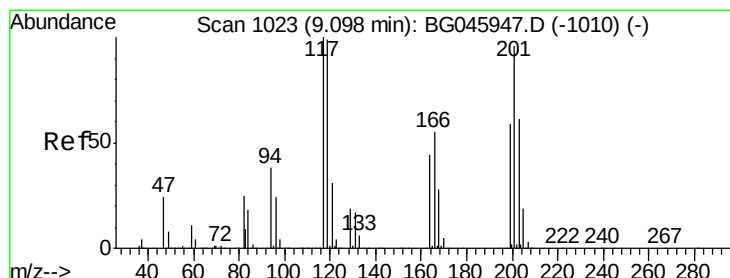
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 3.724 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

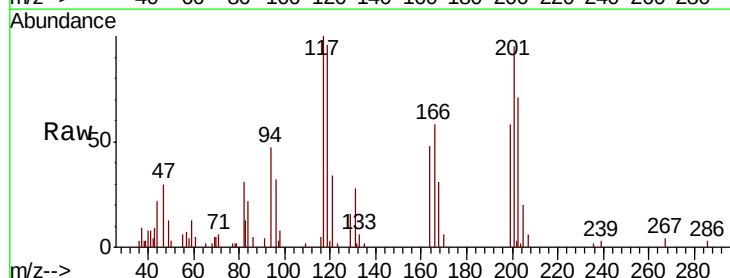
Tgt Ion:117 Resp: 14561

Ion Ratio Lower Upper

117 100

119 95.5 79.5 119.3

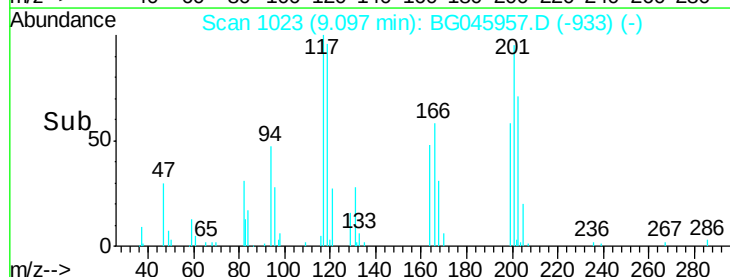
201 98.0 77.0 115.4



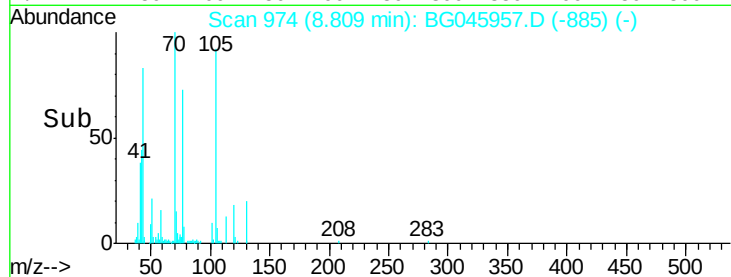
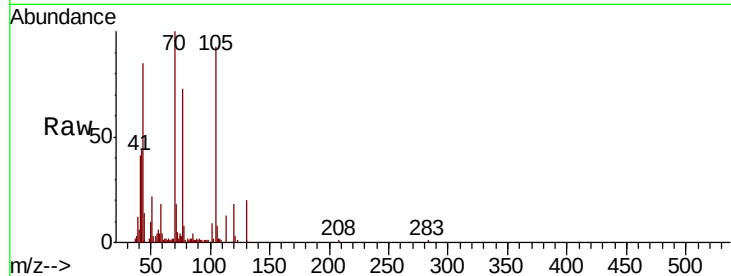
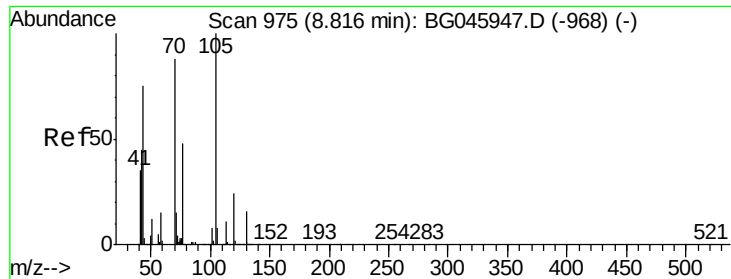
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



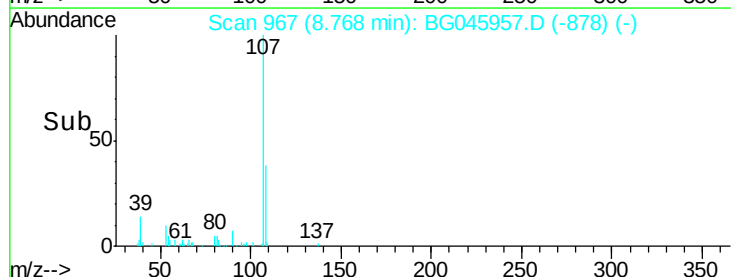
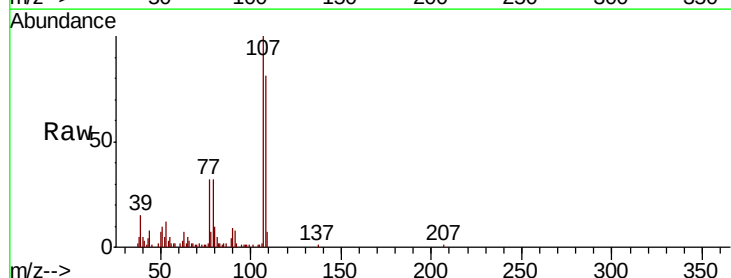
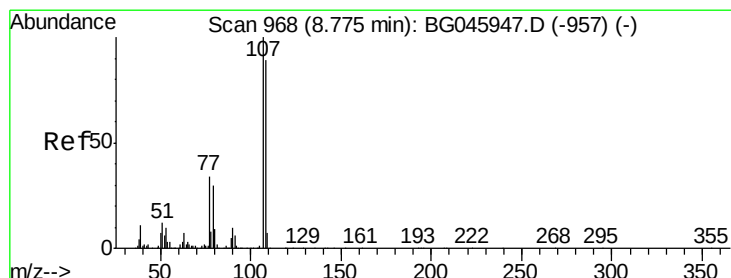
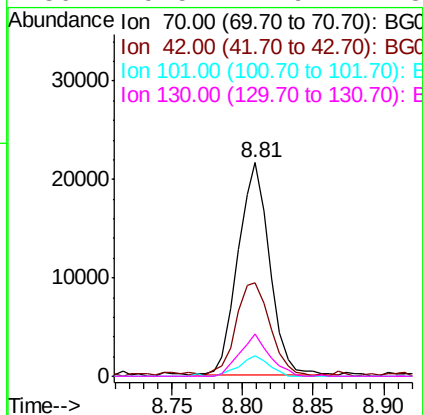
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 3.983 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

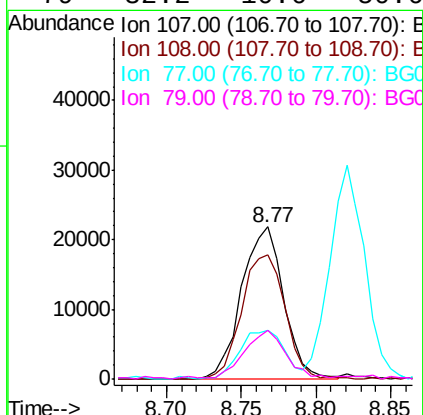
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

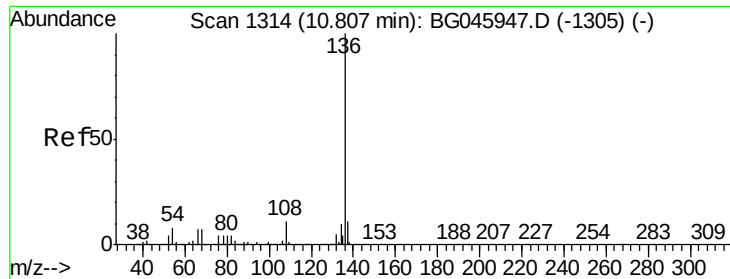
Tot Ion:	70	Resp:	33539
Ion	Ratio	Lower	Upper
70	100		
42	43.9	41.4	62.0
101	9.4	7.1	10.7
130	19.5	14.9	22.3



#20
3+4-Methylphenols
Concen: 3.466 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:	107	Resp:	42620
Ion	Ratio	Lower	Upper
107	100		
108	81.5	68.7	108.7
77	32.0	14.6	54.6
79	32.2	10.6	50.6

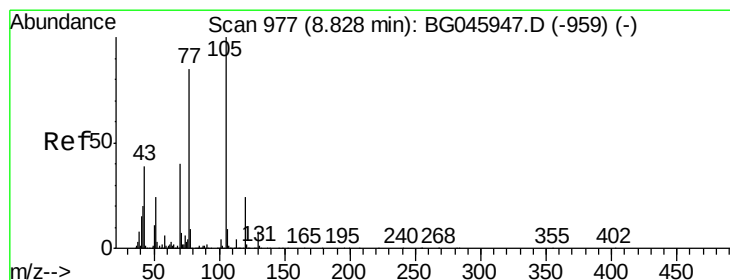
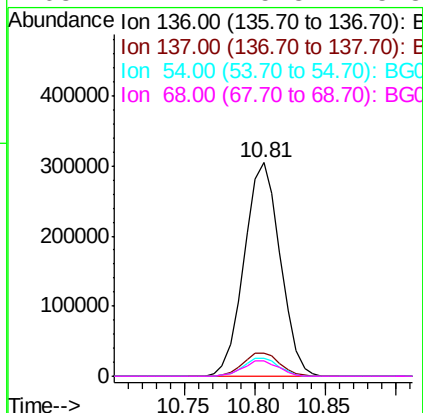
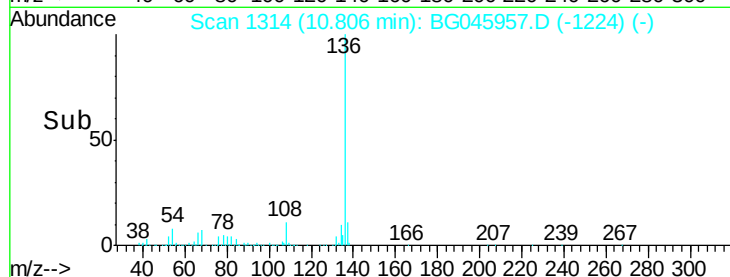
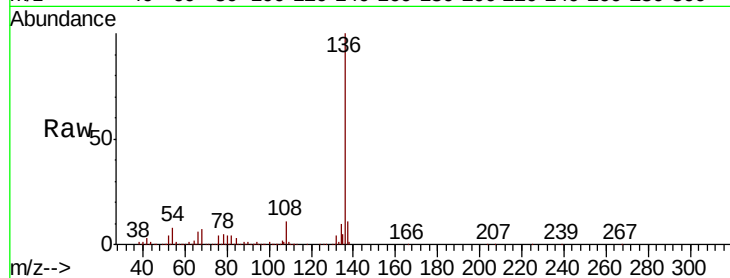




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

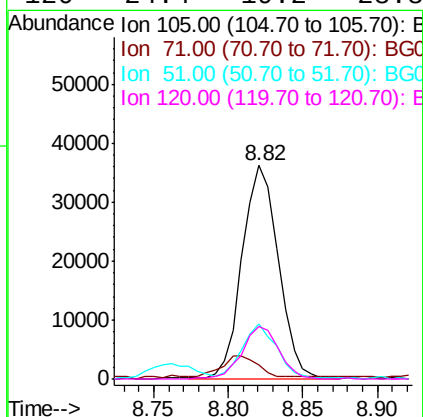
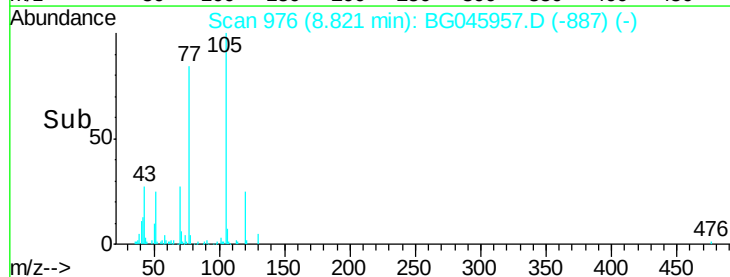
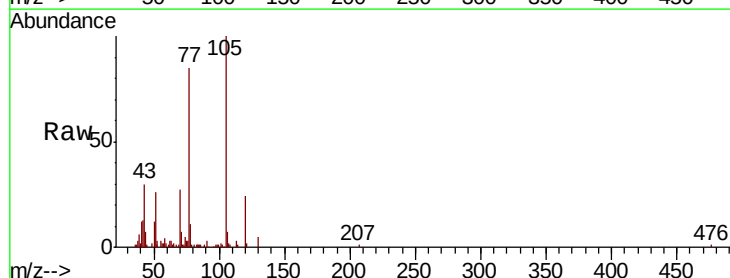
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

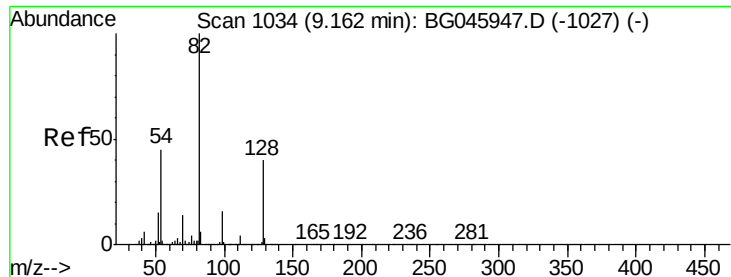
Tot Ion:136	Resp:	545398
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	8.4	6.2 9.4
68	7.1	5.8 8.8



#22
Acetophenone
Concen: 4.190 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:105	Resp:	61053
Ion	Ratio	Lower Upper
105	100	
71	6.6	6.2 9.2
51	25.8	19.7 29.5
120	24.4	19.2 28.8

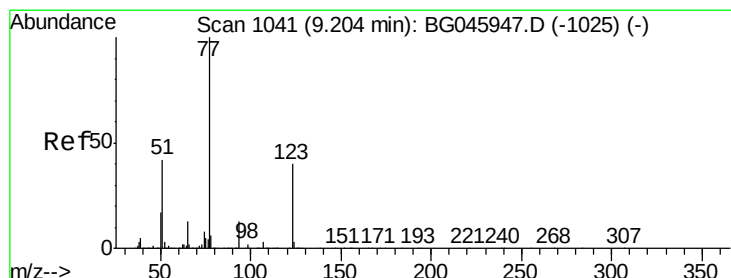
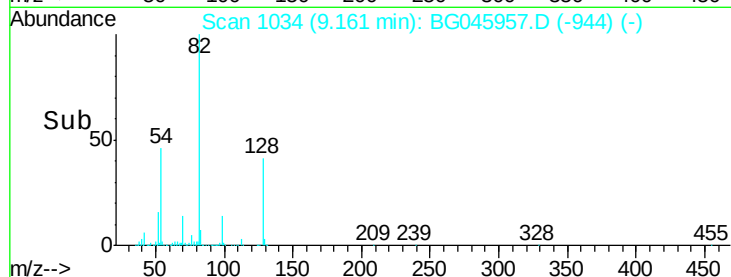
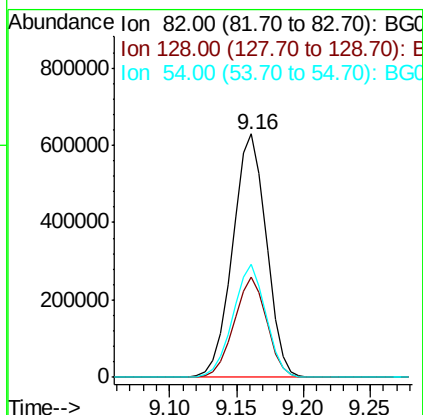
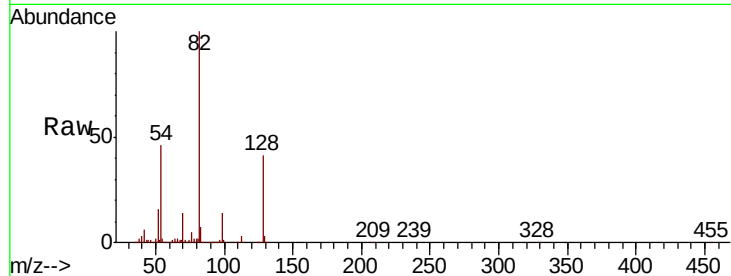




#23
 Nitrobenzene-d5
 Concen: 115.959 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

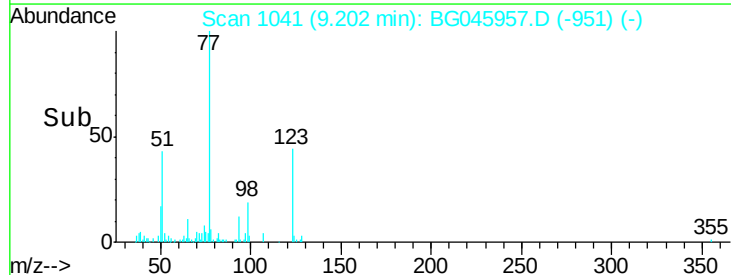
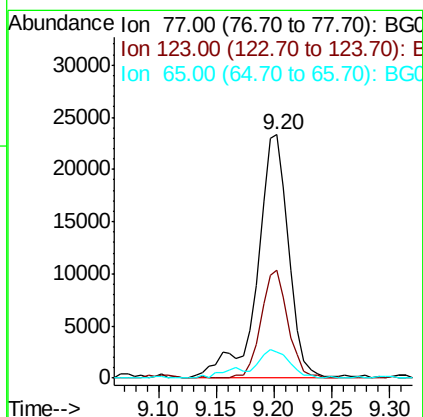
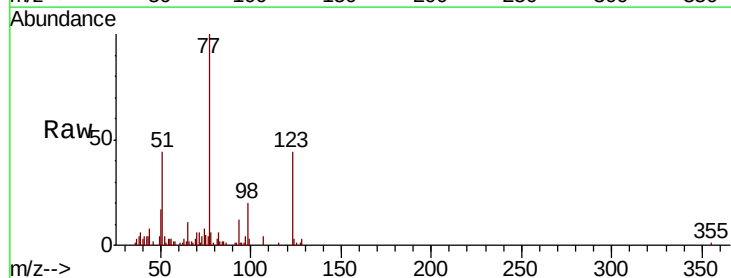
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

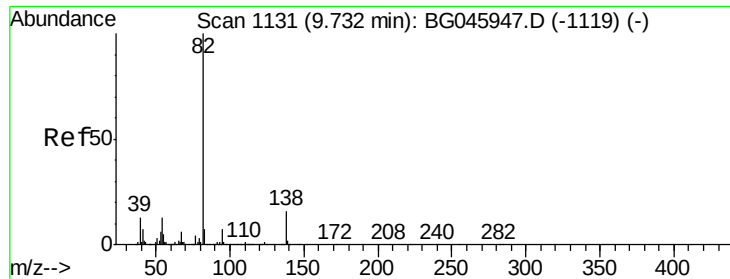
Tot Ion: 82 Resp: 1098786
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.2 48.4
 54 46.3 35.8 53.6



#24
 Nitrobenzene
 Concen: 4.231 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion: 77 Resp: 44253
 Ion Ratio Lower Upper
 77 100
 123 44.1 32.7 49.1
 65 10.7 10.2 15.4





#25

Isophorone

Concen: 3.776 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

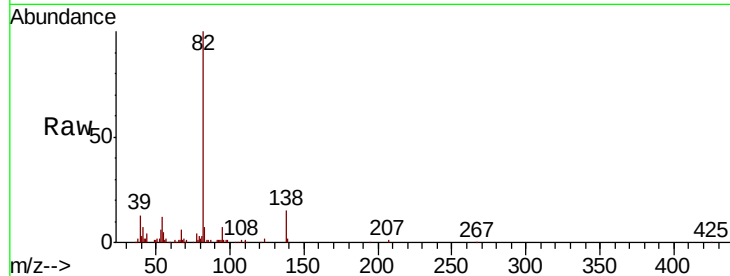
Tot Ion: 82 Resp: 87344

Ion Ratio Lower Upper

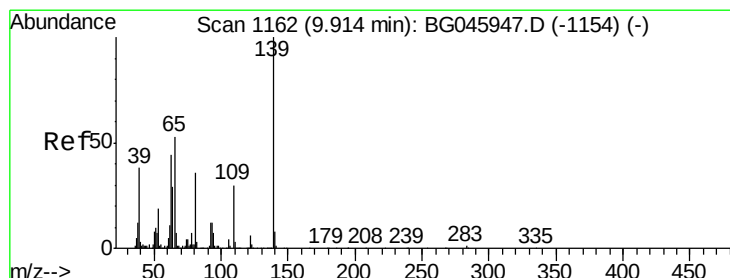
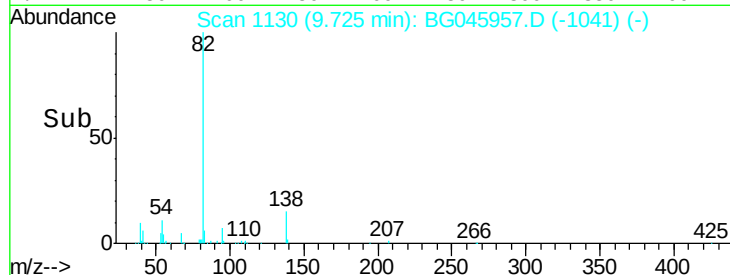
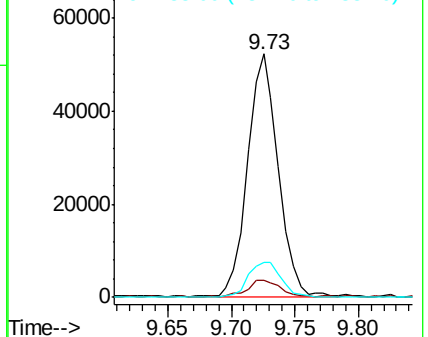
82 100

95 6.9 5.8 8.6

138 14.6 12.9 19.3



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: 3.354 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

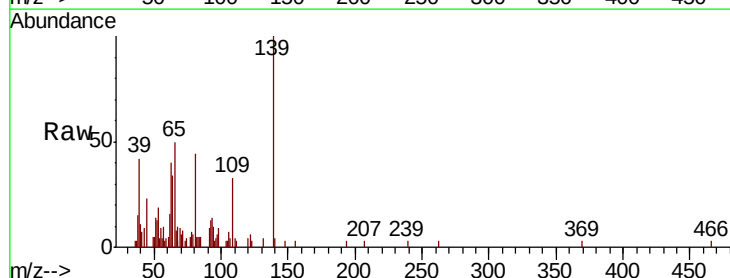
Tgt Ion: 139 Resp: 11435

Ion Ratio Lower Upper

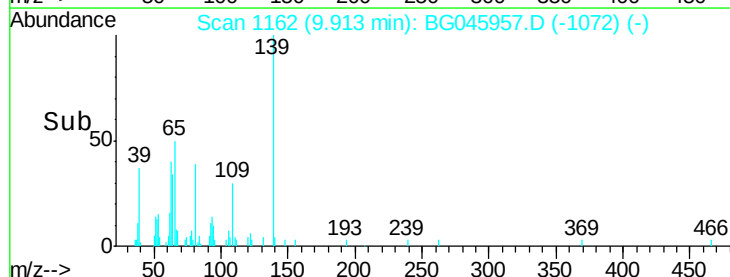
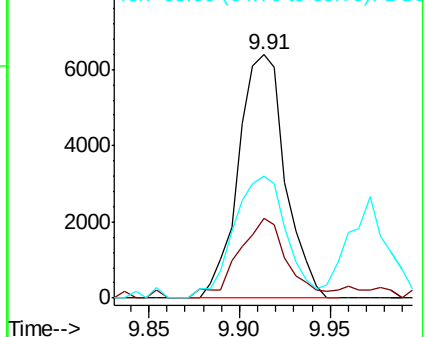
139 100

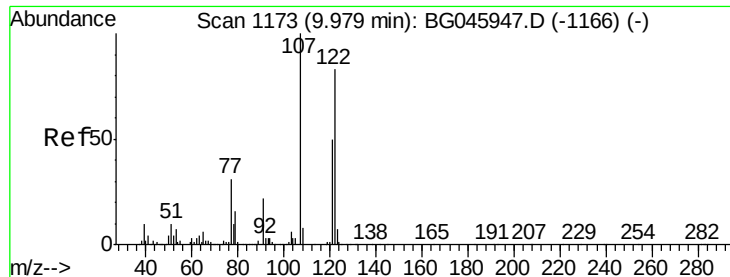
109 33.0 24.6 37.0

65 50.3 42.6 64.0



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: 3.874 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

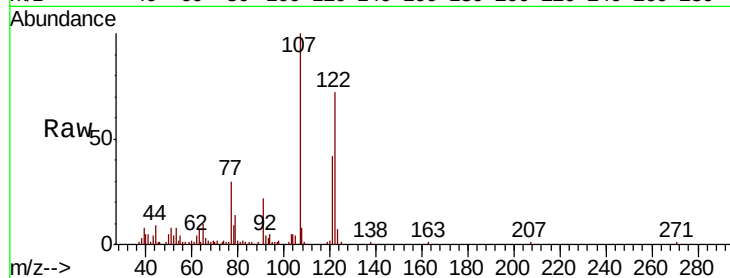
Tot Ion:122 Resp: 31896

Ion Ratio Lower Upper

122 100

107 138.6 95.6 143.4

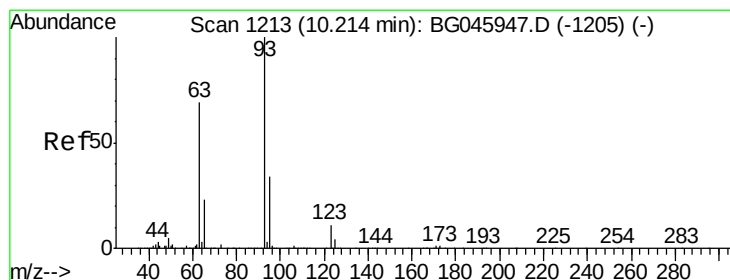
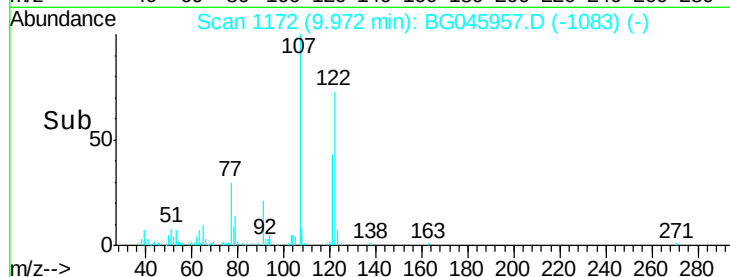
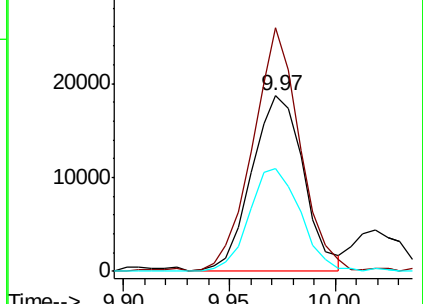
121 58.4 47.7 71.5



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: 3.862 ng

RT: 10.21 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

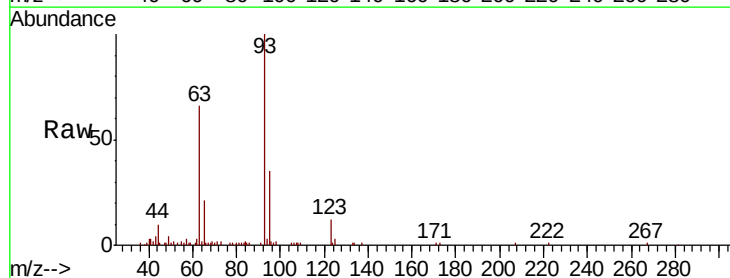
Tgt Ion: 93 Resp: 50162

Ion Ratio Lower Upper

93 100

95 34.7 27.5 41.3

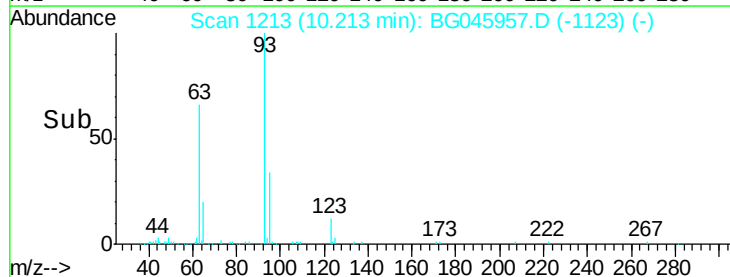
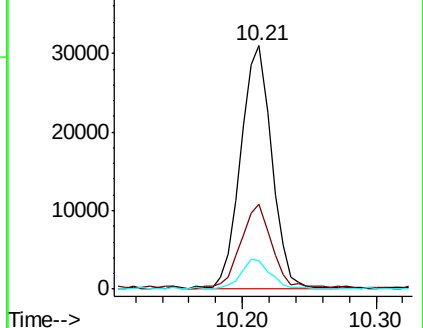
123 11.7 9.2 13.8

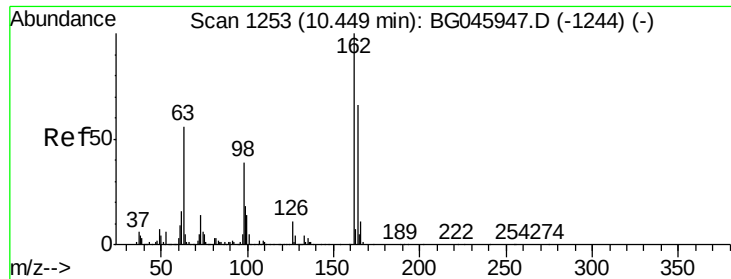


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

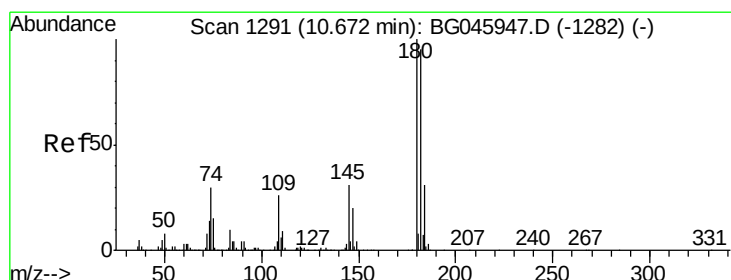
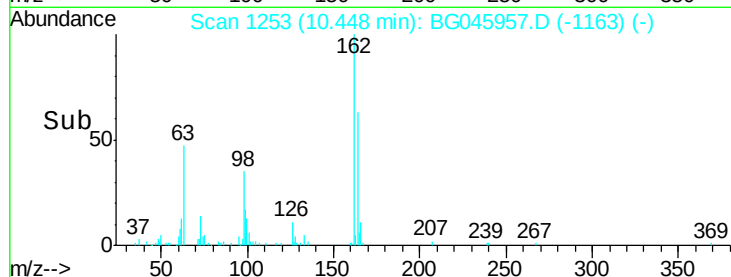
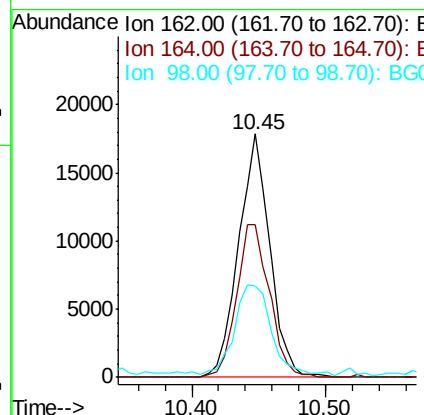
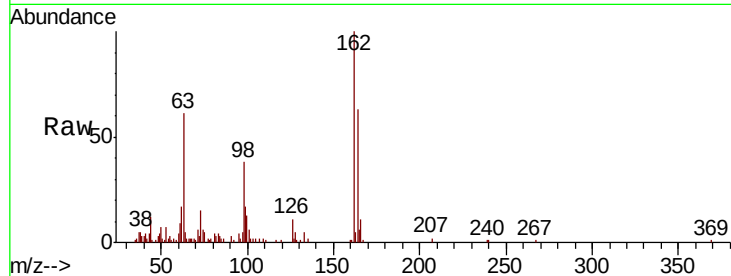




#29
 2,4-Dichlorophenol
 Concen: 3.403 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

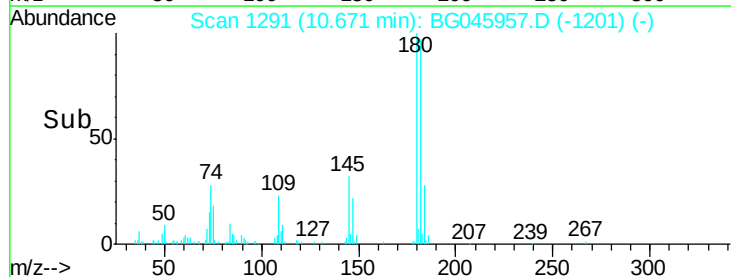
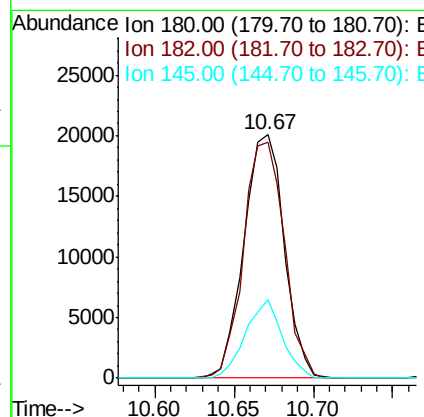
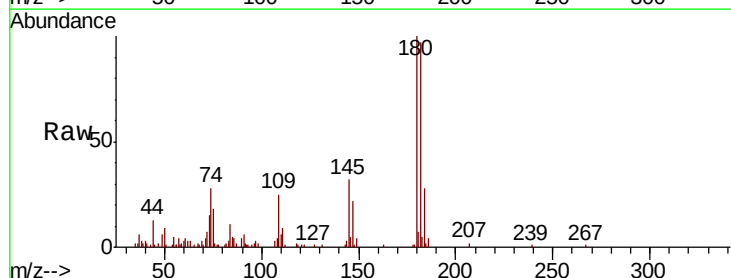
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

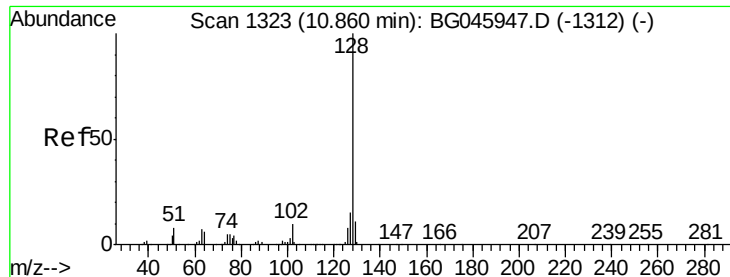
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.0	86.0
98	37.7	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 3.761 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.3	114.5
145	32.2	24.8	37.2

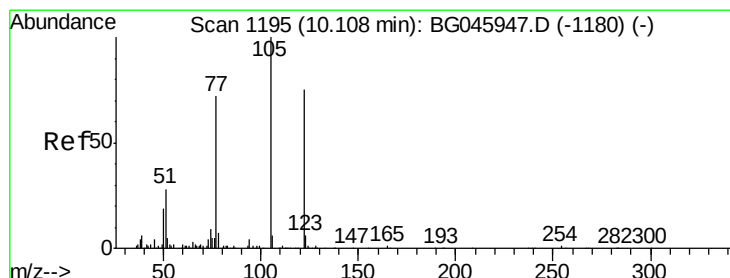
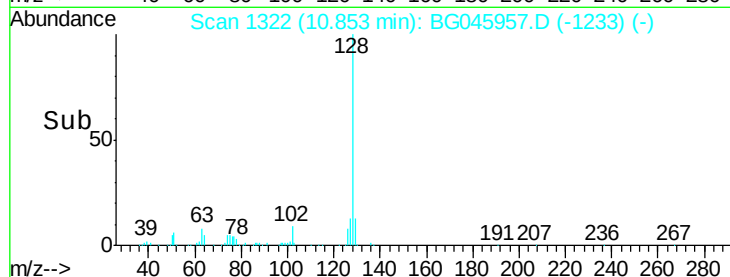
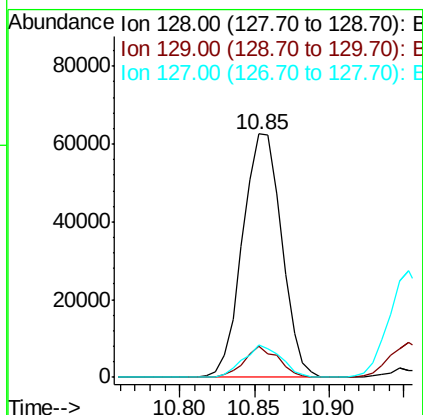
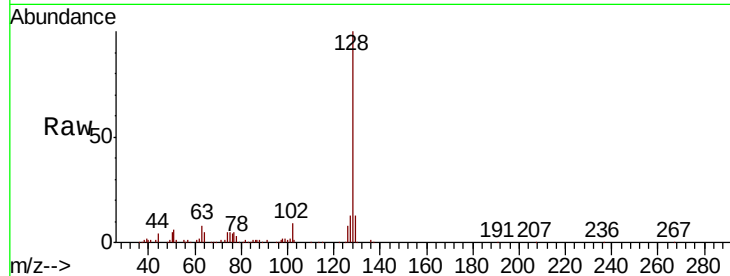




#31
Naphthalene
Concen: 3.886 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

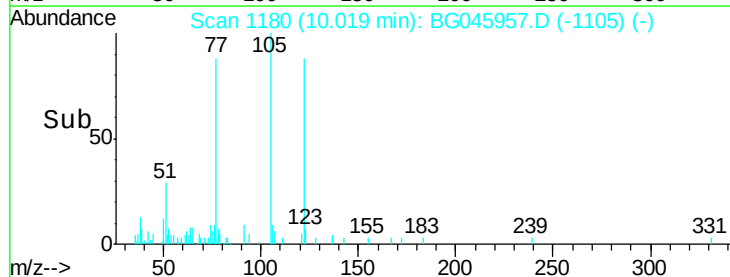
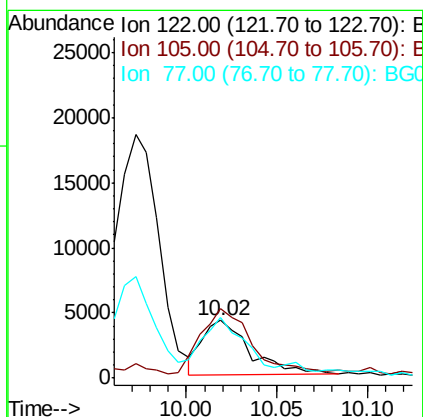
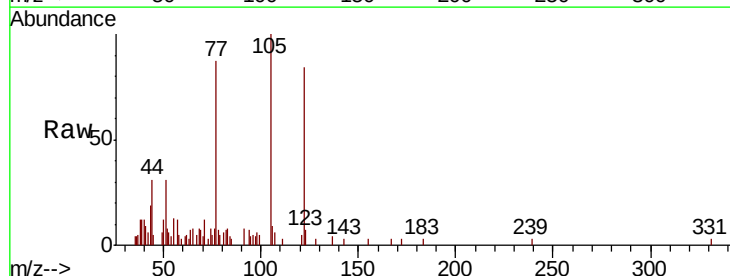
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

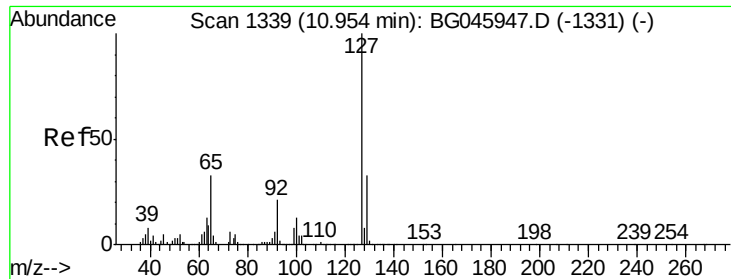
Tot Ion:128 Resp: 113629
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 13.2 11.8 17.6



#32
Benzoic acid
Concen: 1.698 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:122 Resp: 7570
Ion Ratio Lower Upper
122 100
105 119.5 110.8 150.8
77 104.1 76.4 116.4

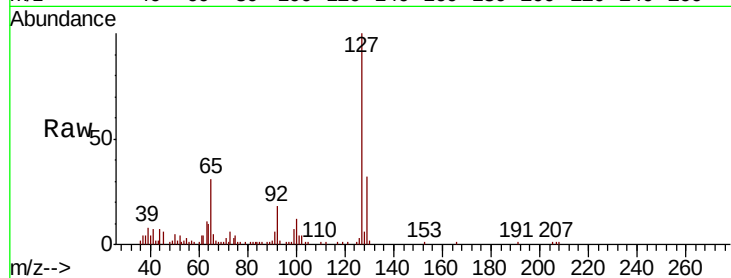




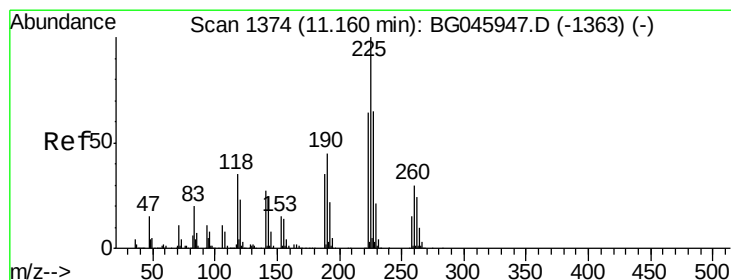
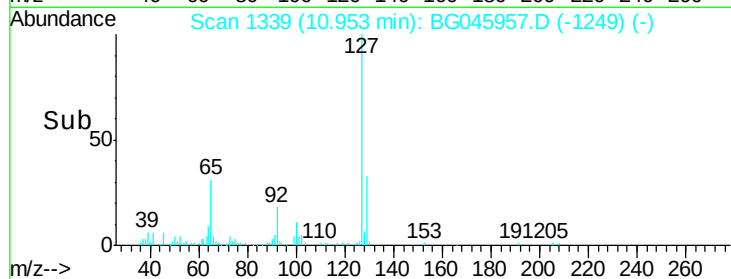
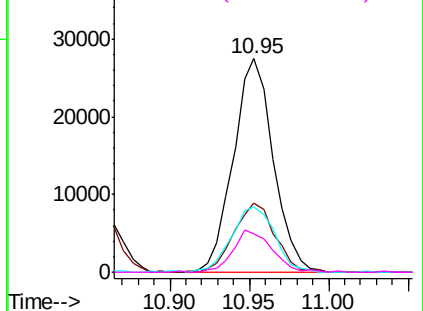
#33
4-Chloroaniline
Concen: 3.673 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:127	Resp:	47988
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.6 39.8
65	30.5	26.8 40.2
92	18.2	17.0 25.4

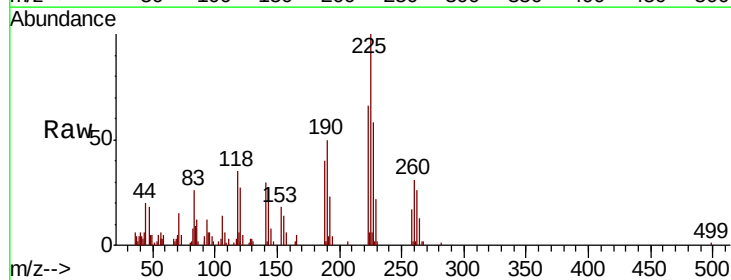


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

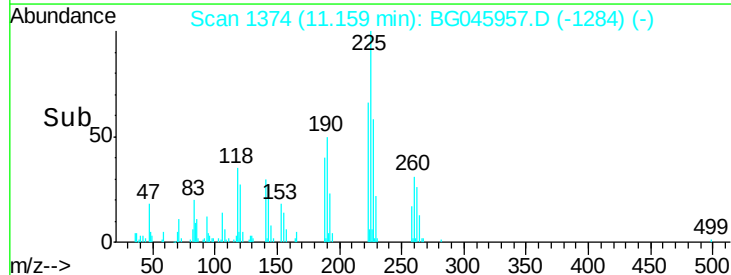
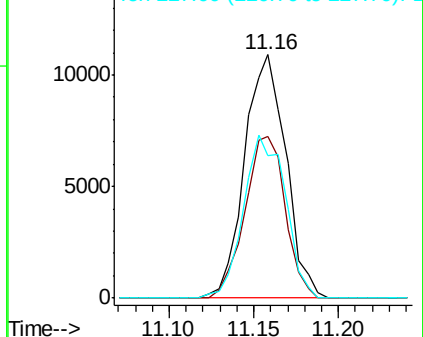


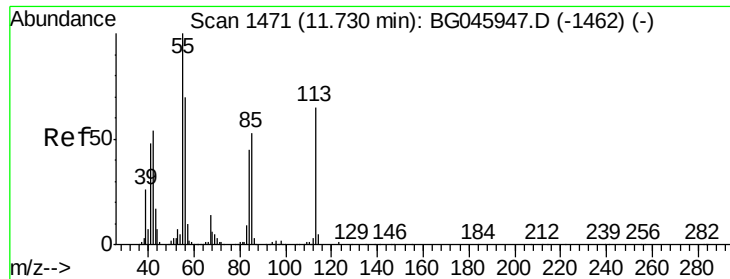
#34
Hexachlorobutadiene
Concen: 3.341 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:225	Resp:	18426
Ion Ratio	Lower	Upper
225	100	
223	66.2	51.2 76.8
227	58.4	52.3 78.5



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

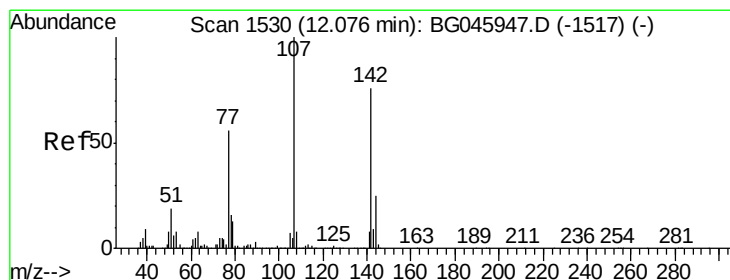
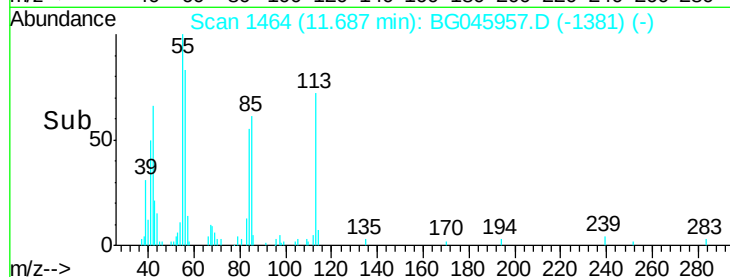
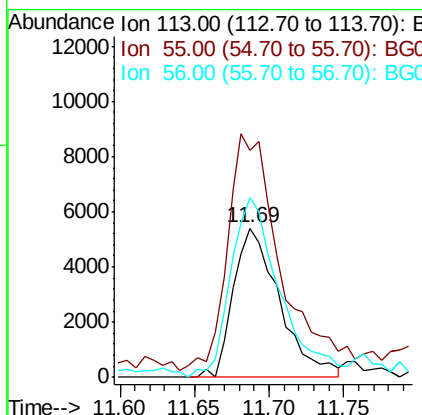
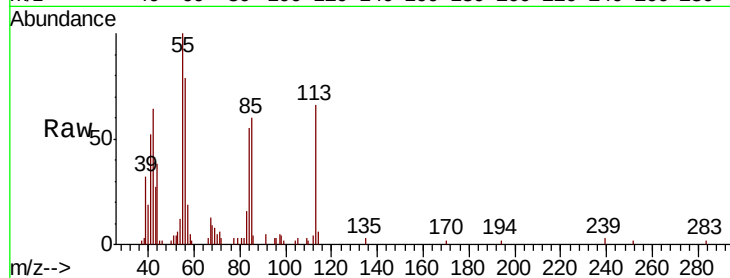




#35
 Caprolactam
 Concen: 3.598 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. -0.04 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

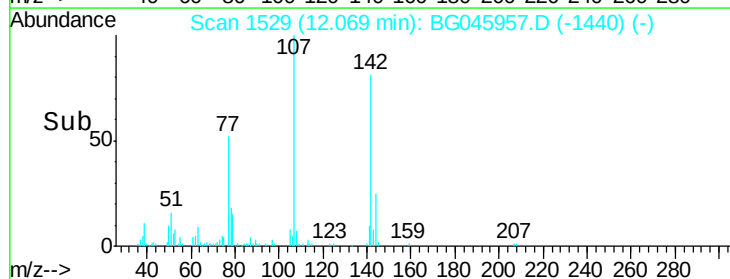
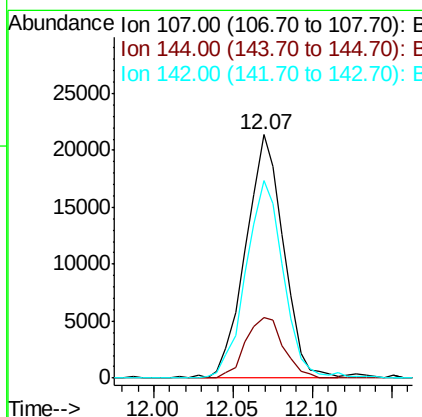
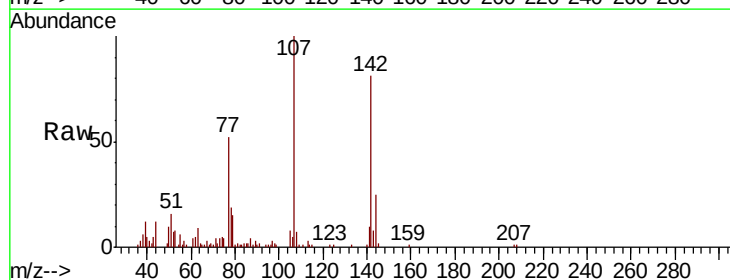
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

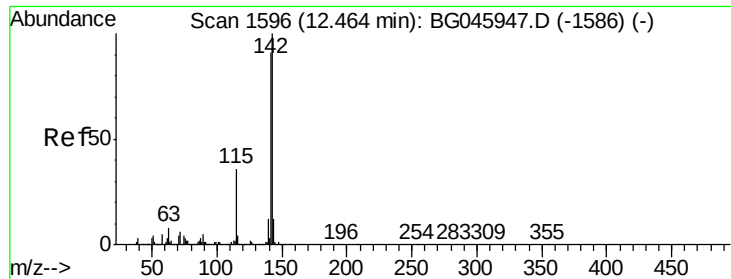
Tot Ion:113 Resp: 11644
 Ion Ratio Lower Upper
 113 100
 55 151.6 141.6 181.6
 56 120.2 89.6 129.6



#36
 4-Chloro-3-methylphenol
 Concen: 3.649 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:107 Resp: 35420
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 81.0 61.1 91.7

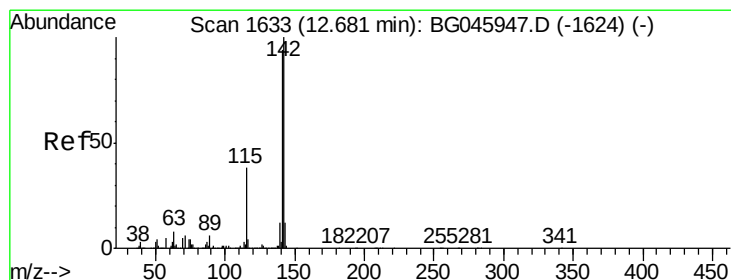
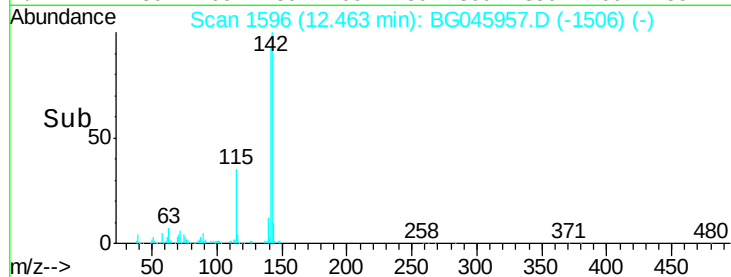
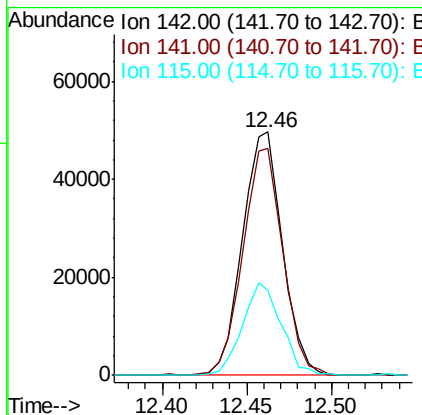
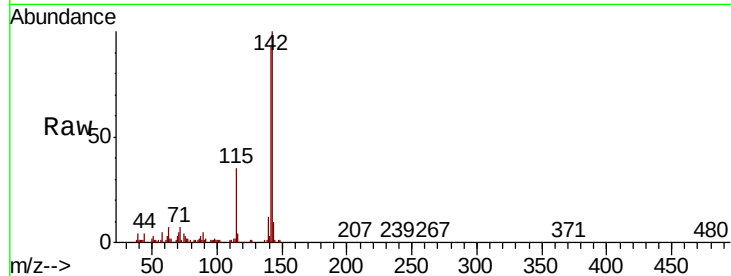




#37
 2-Methylnaphthalene
 Concen: 3.915 ng
 RT: 12.46 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

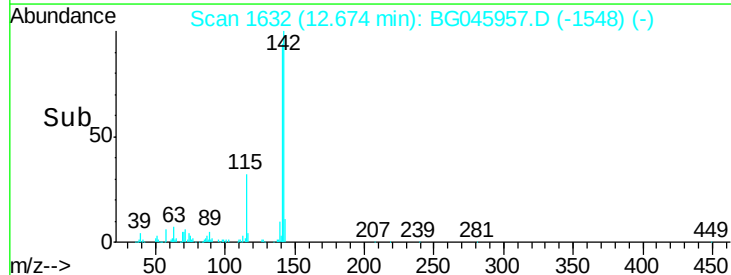
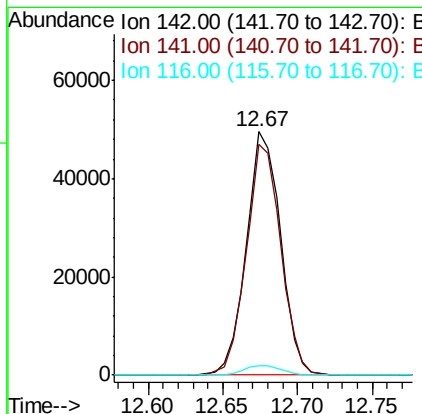
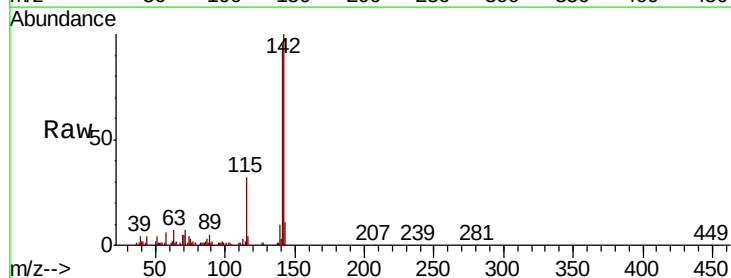
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

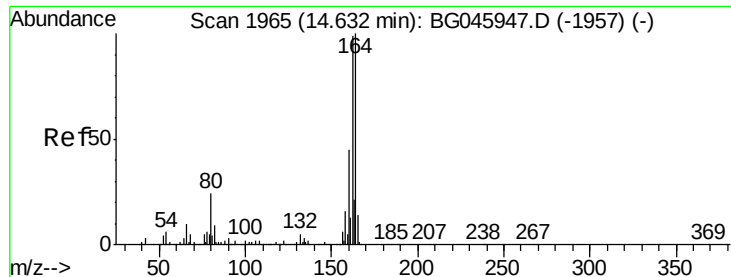
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.0	109.6
115	35.0	28.8	43.2



#38
 1-Methylnaphthalene
 Concen: 3.985 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.2	112.8
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

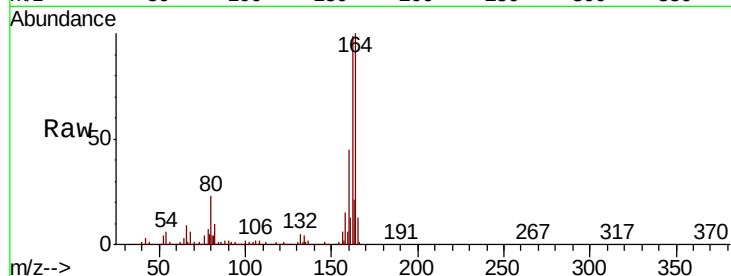
Tot Ion:164 Resp: 331370

Ion Ratio Lower Upper

164 100

162 99.3 79.3 118.9

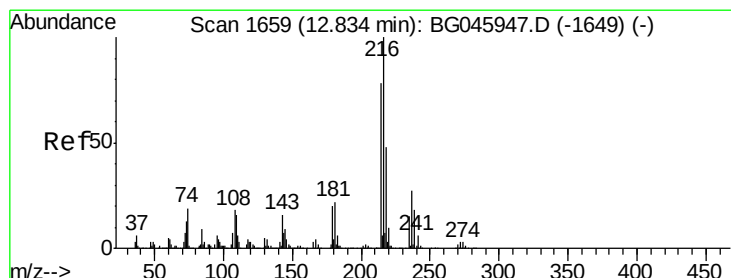
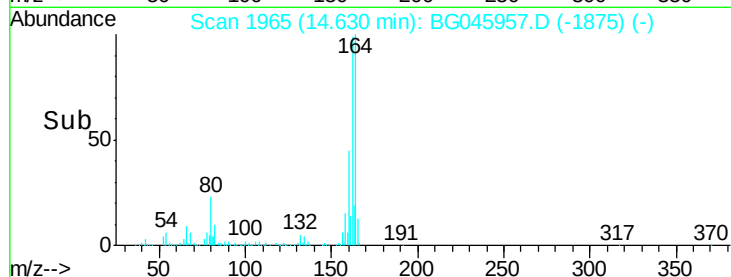
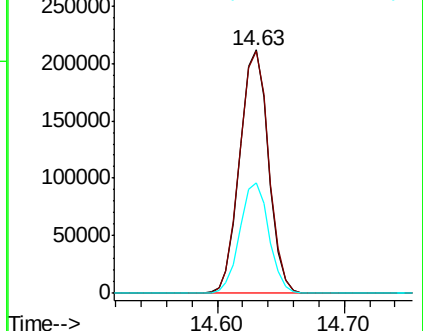
160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.100 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:216 Resp: 38294

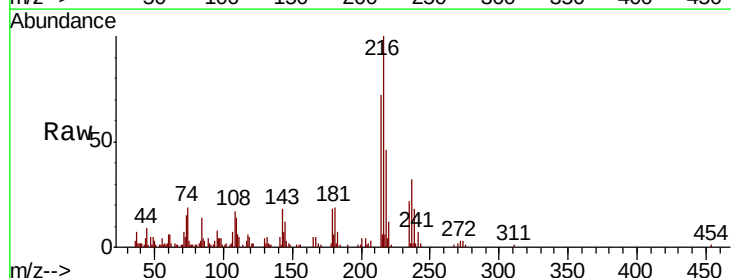
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 20.6 17.0 25.6

108 21.3 17.3 25.9

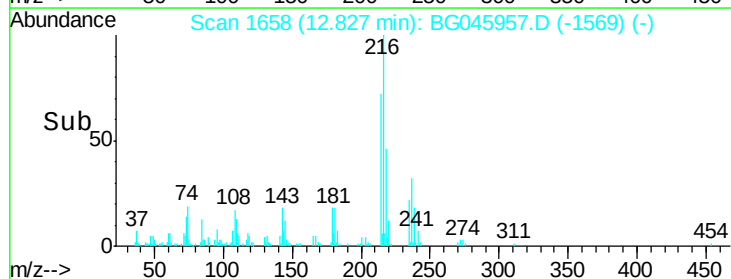
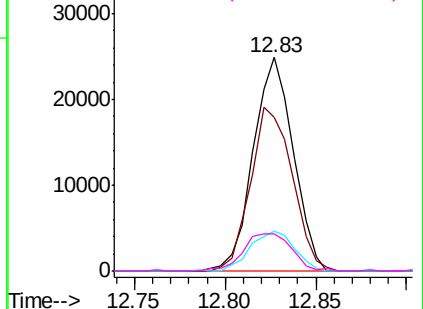


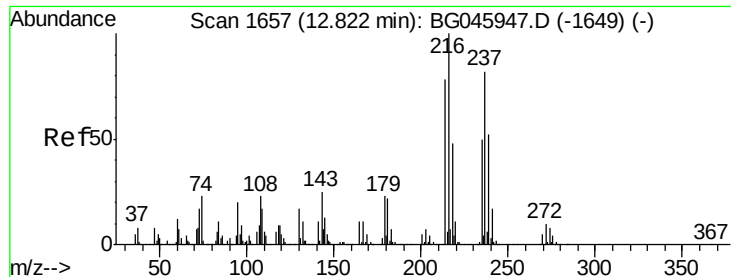
Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.535 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

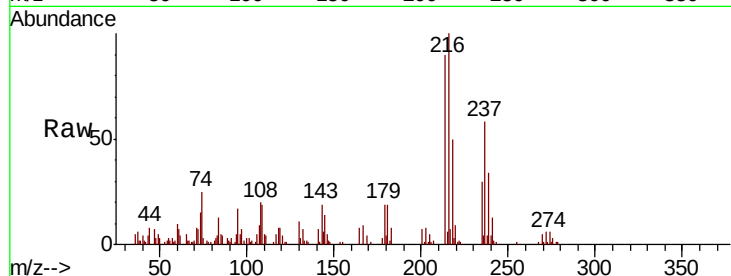
Tot Ion:237 Resp: 19591

Ion Ratio Lower Upper

237 100

235 51.5 41.5 81.5

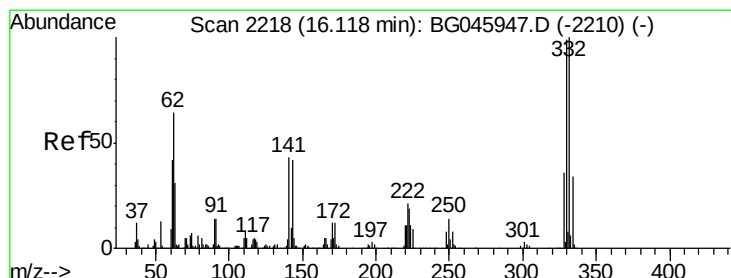
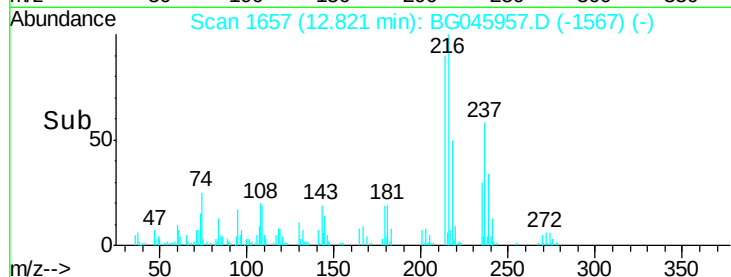
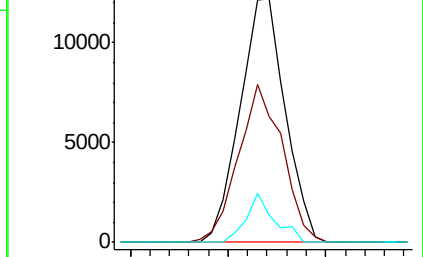
272 11.1 0.0 31.7



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: 115.934 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

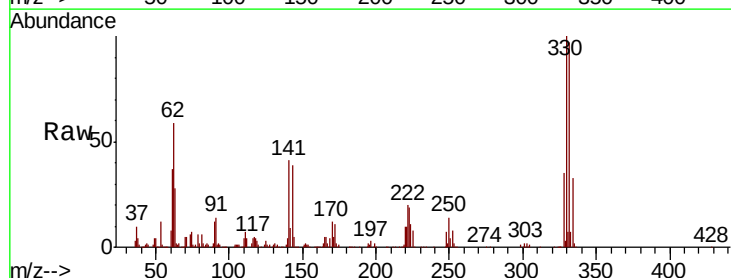
Tgt Ion:330 Resp: 356550

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

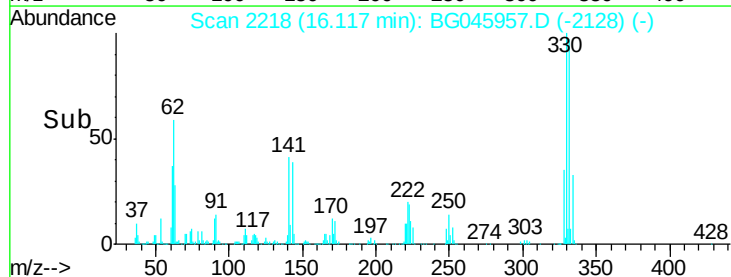
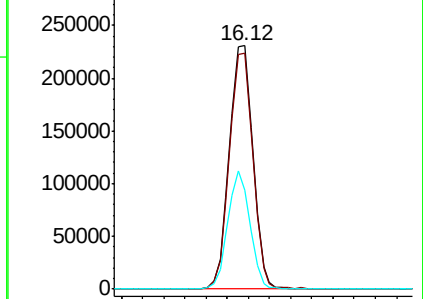
141 45.3 36.6 54.8

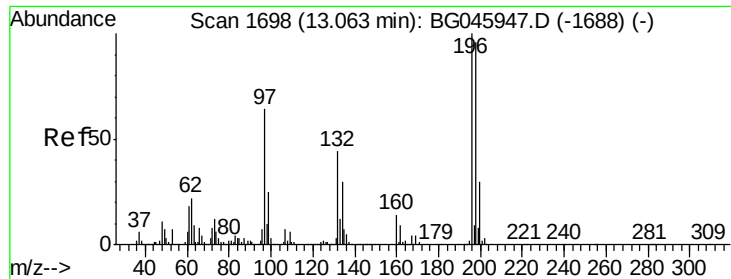


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

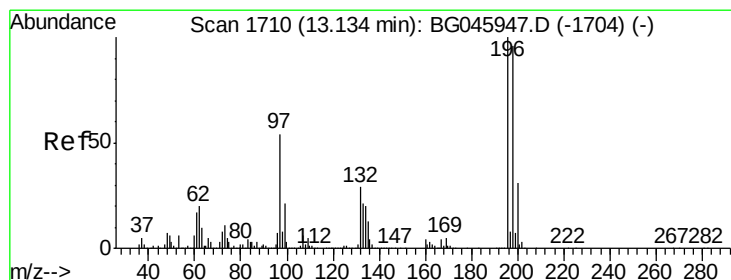
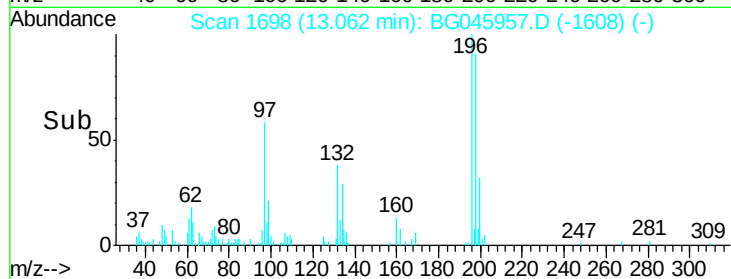
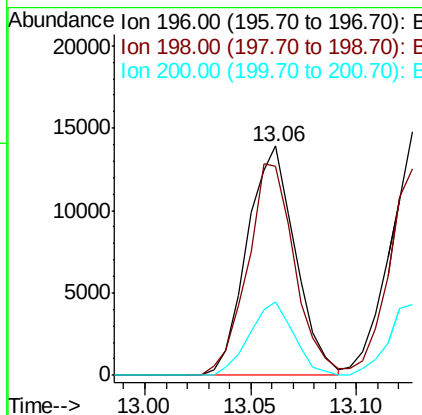
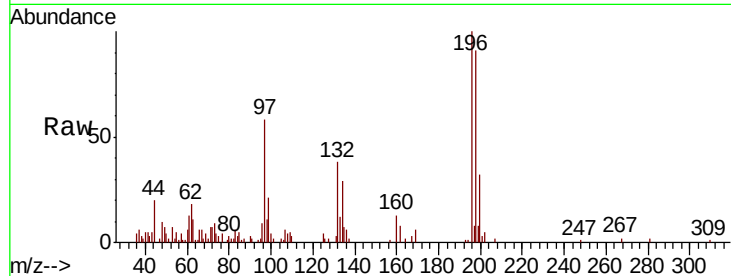




#43
 2,4,6-Trichlorophenol
 Concen: 3.478 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

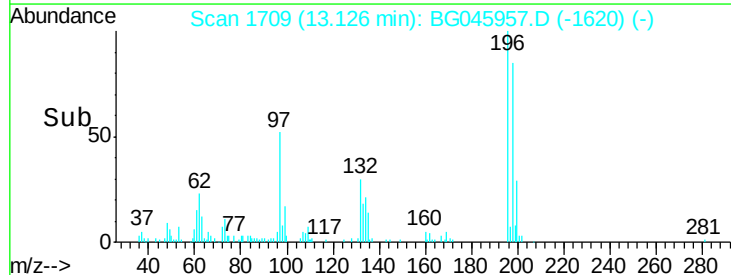
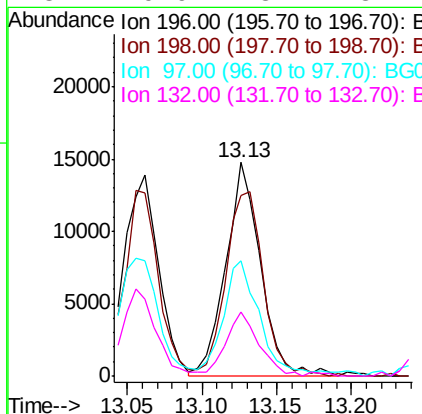
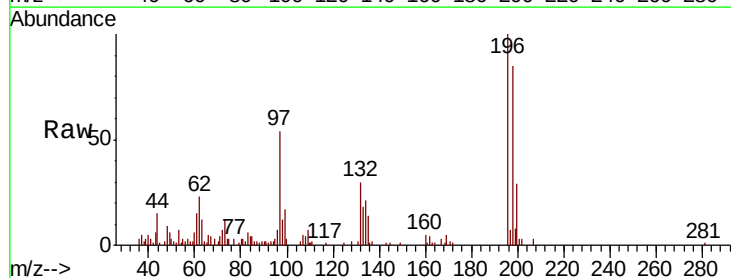
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

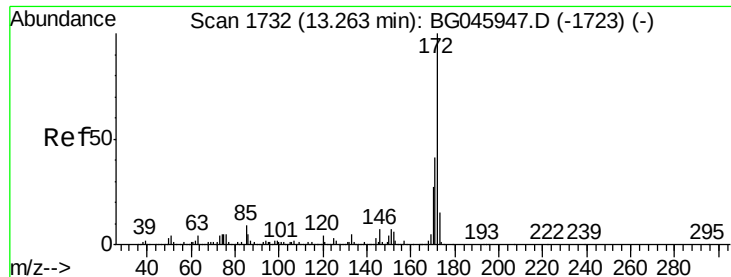
Tot Ion:196 Resp: 21970
 Ion Ratio Lower Upper
 196 100
 198 91.1 76.7 115.1
 200 31.8 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 3.375 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:196 Resp: 24105
 Ion Ratio Lower Upper
 196 100
 198 84.7 77.0 115.6
 97 53.7 44.3 66.5
 132 29.9 23.1 34.7



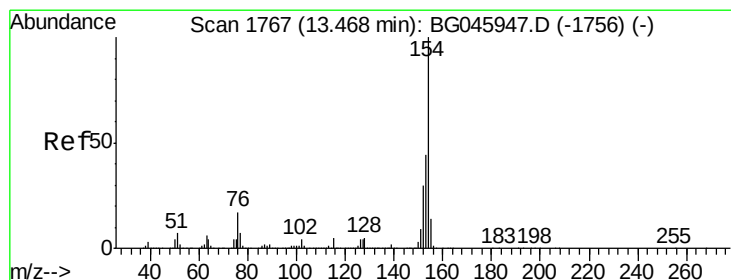
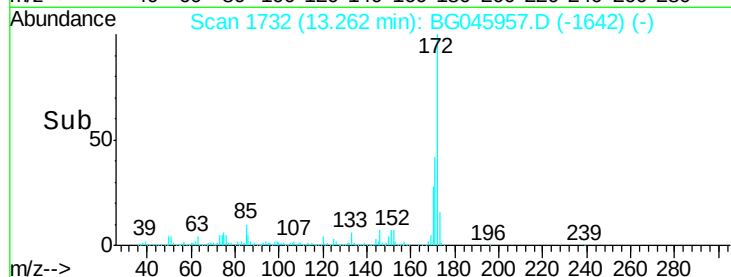
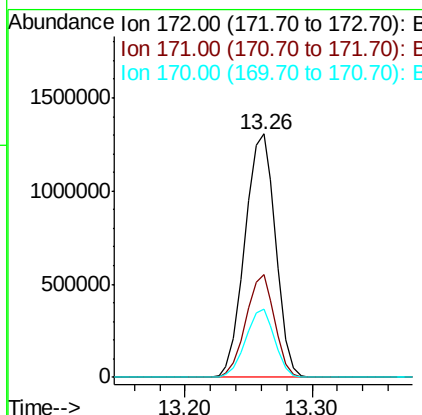
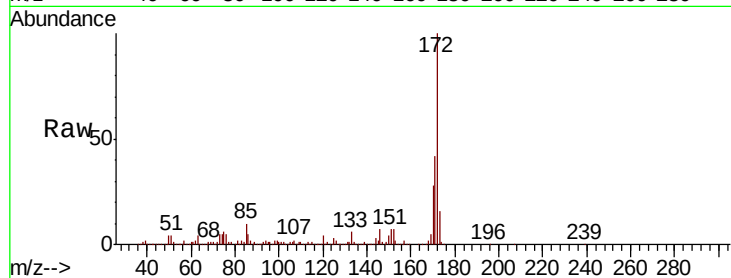


#45
 2-Fluorobiphenyl
 Concen: 103.130 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:172 Resp: 2190901

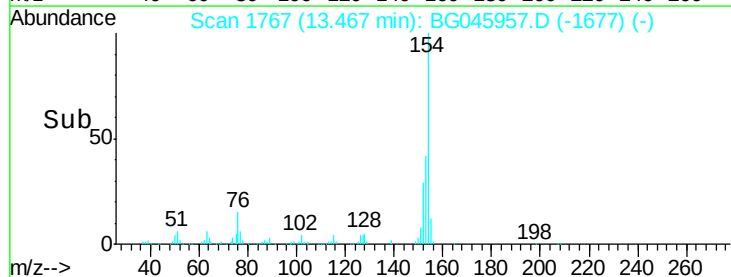
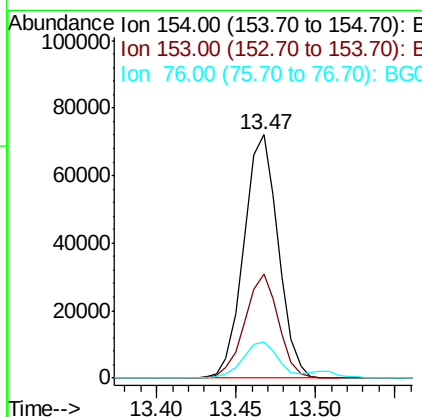
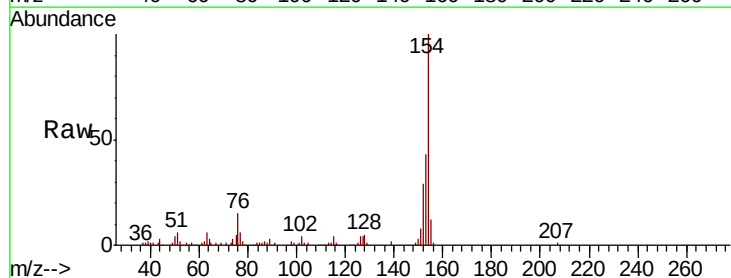
Ion	Ratio	Lower	Upper
172	100		
171	42.4	32.9	49.3
170	28.0	21.8	32.6

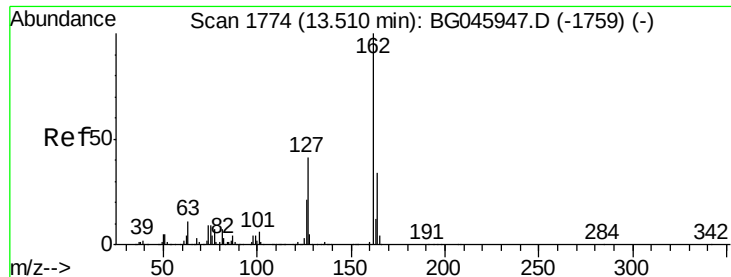


#46
 1,1'-Biphenyl
 Concen: 4.352 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:154 Resp: 108495

Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.6	63.6
76	14.7	0.0	36.9

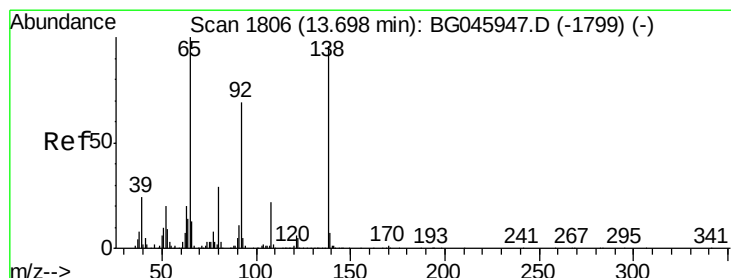
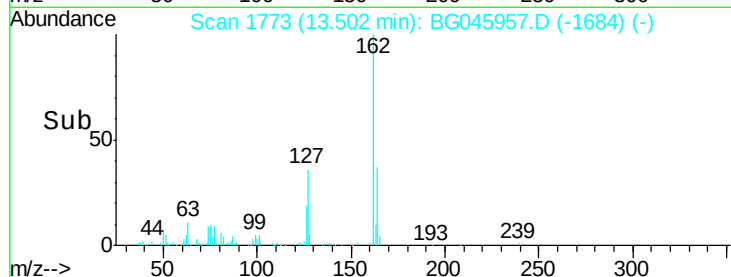
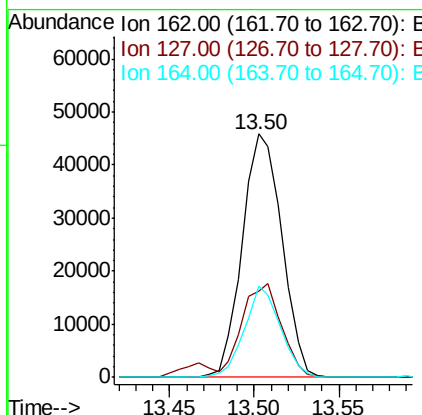
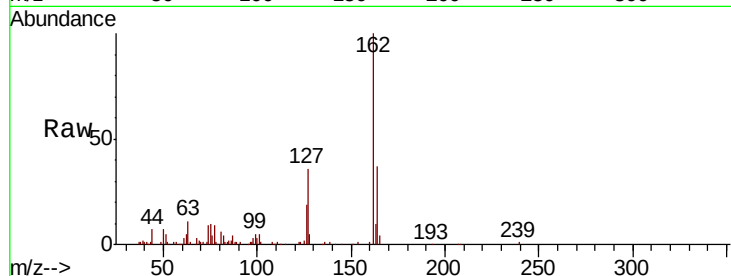




#47
2-Chloronaphthalene
Concen: 3.806 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

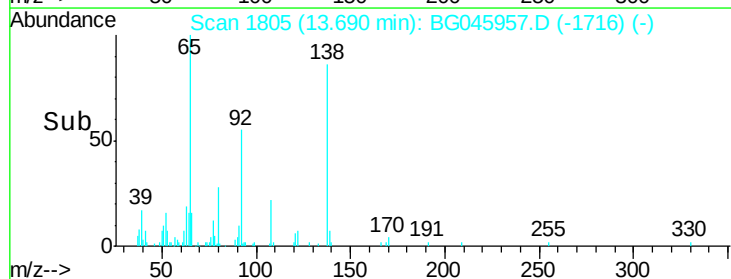
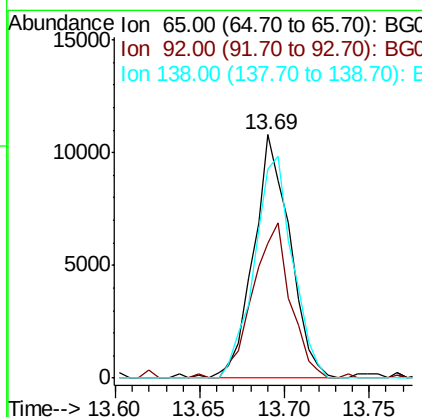
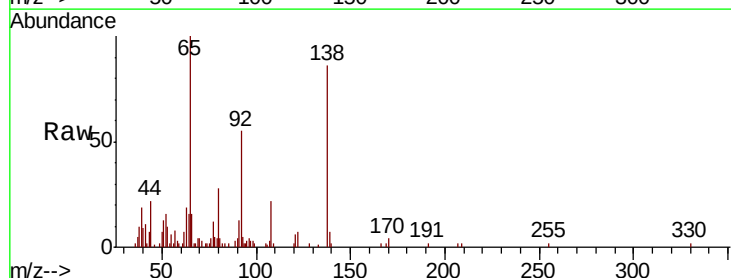
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

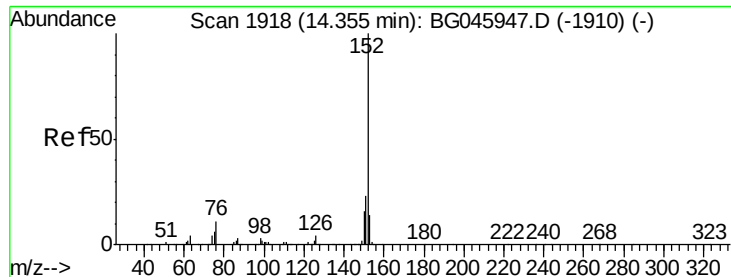
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	32.5	48.7
164	37.5	27.2	40.8



#48
2-Nitroaniline
Concen: 3.505 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.2	55.4	83.0#
138	85.7	77.0	115.4





#49

Acenaphthylene

Concen: 4.081 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

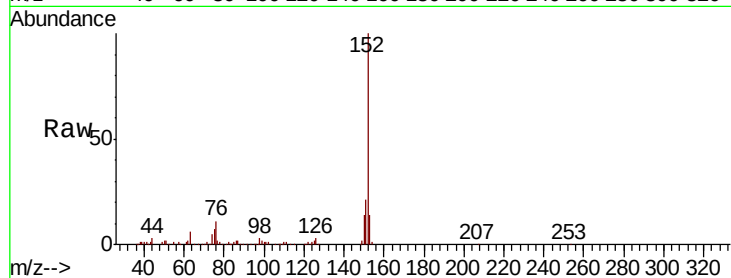
Tot Ion:152 Resp: 129495

Ion Ratio Lower Upper

152 100

151 21.2 18.1 27.1

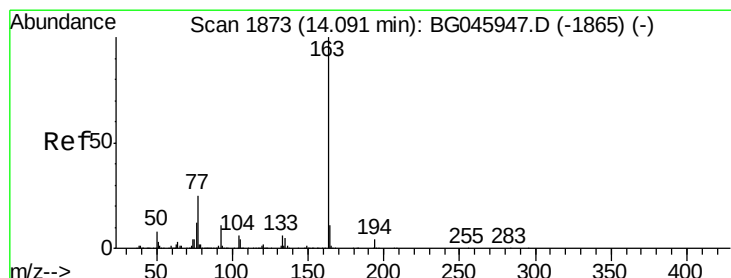
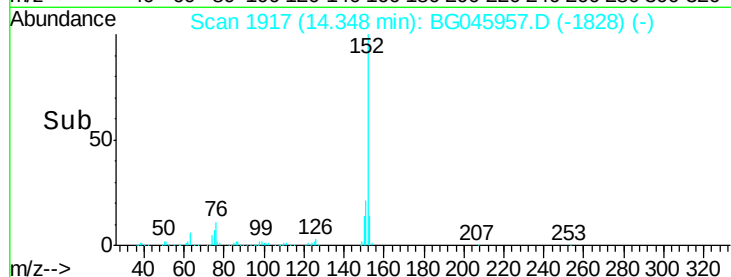
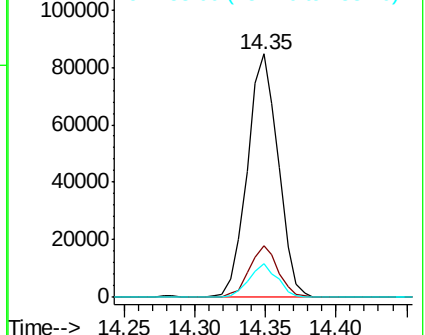
153 13.8 11.5 17.3



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: 3.766 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

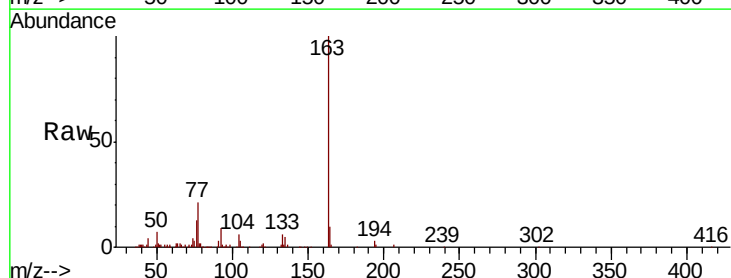
Tgt Ion:163 Resp: 93651

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

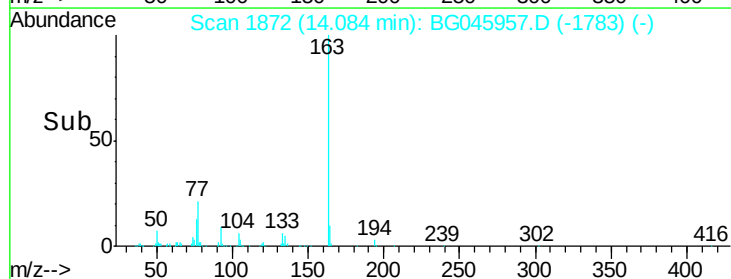
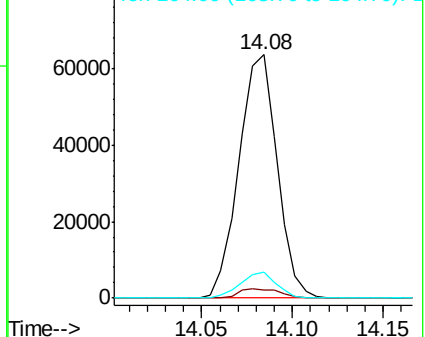
164 10.5 8.9 13.3

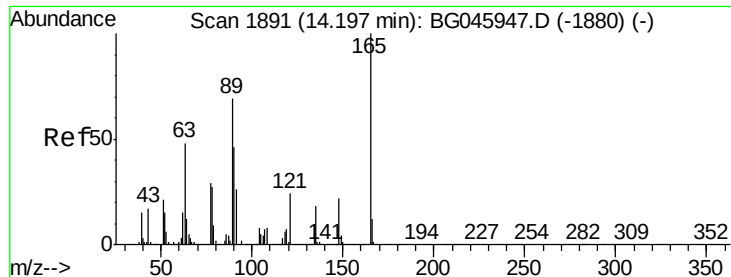


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

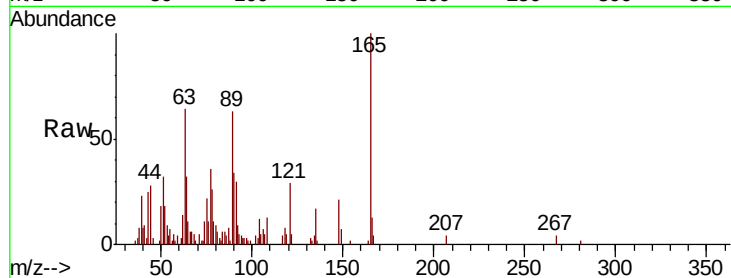




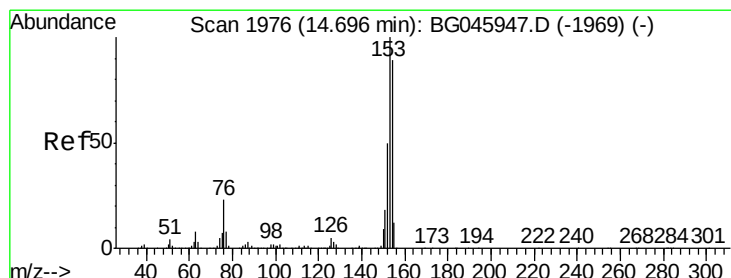
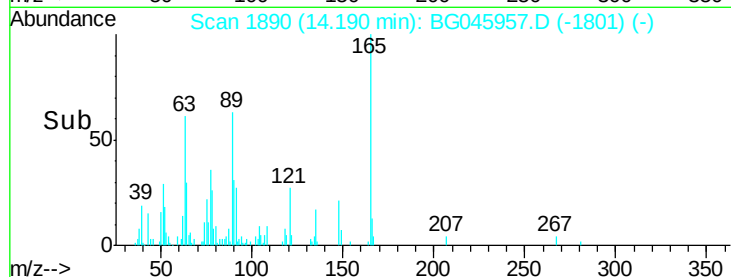
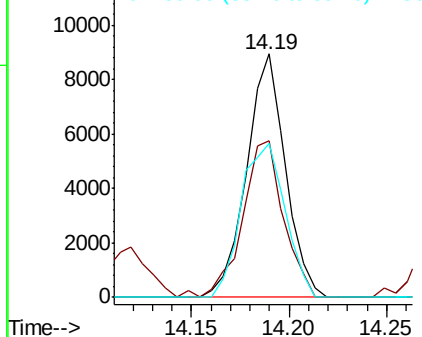
#51
2,6-Dinitrotoluene
Concen: 3.191 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:165 Resp: 12314
Ion Ratio Lower Upper
165 100
63 64.5 51.0 76.4
89 63.1 55.7 83.5

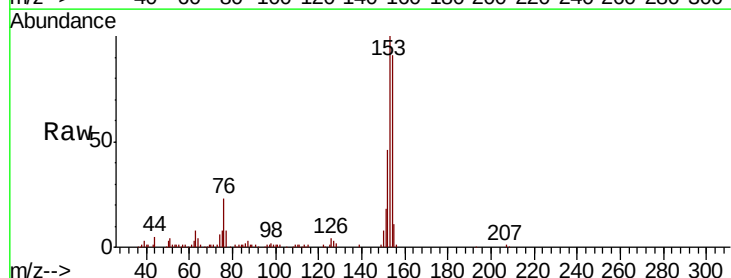


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

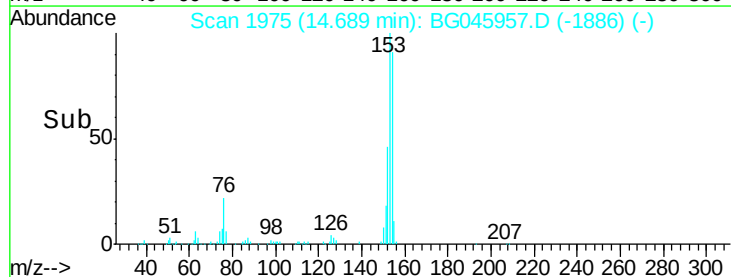
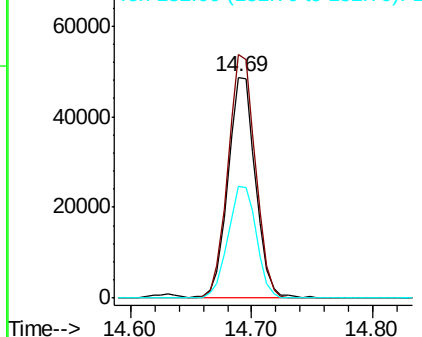


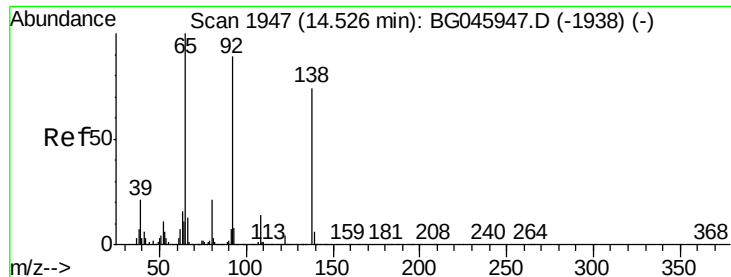
#52
Acenaphthene
Concen: 3.839 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:154 Resp: 76845
Ion Ratio Lower Upper
154 100
153 110.2 89.7 134.5
152 50.9 44.7 67.1



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

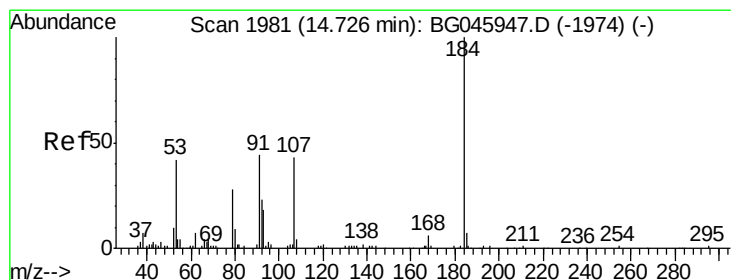
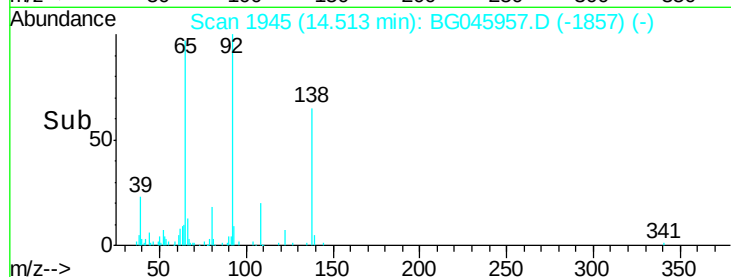
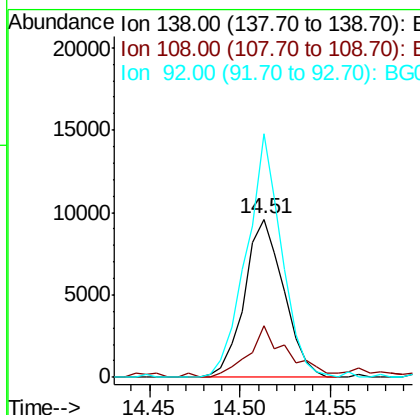
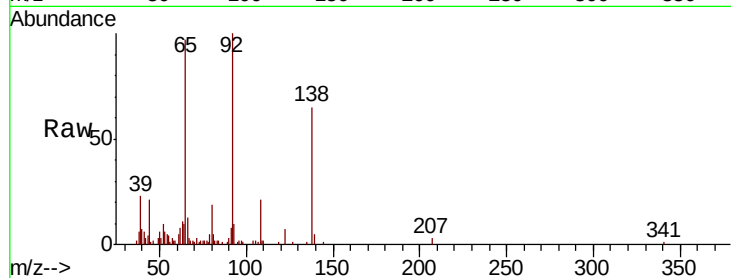




#53
3-Nitroaniline
Concen: 3.028 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

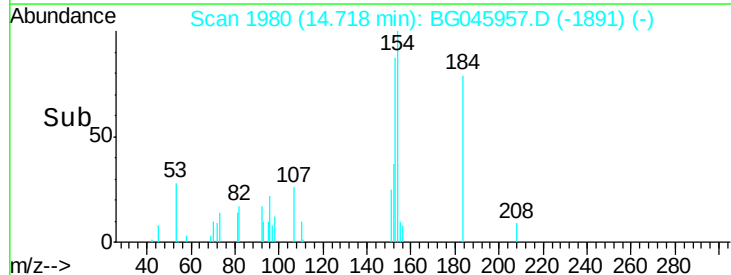
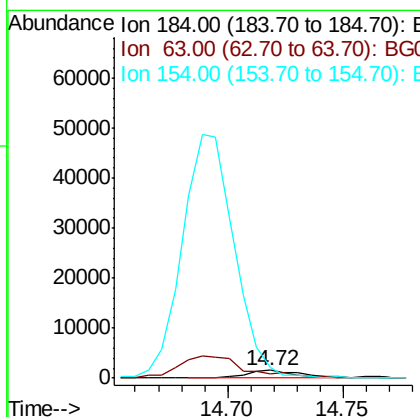
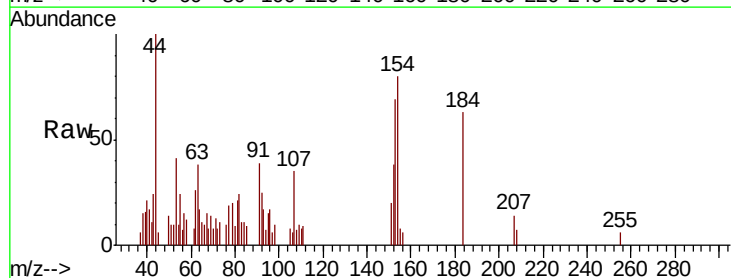
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

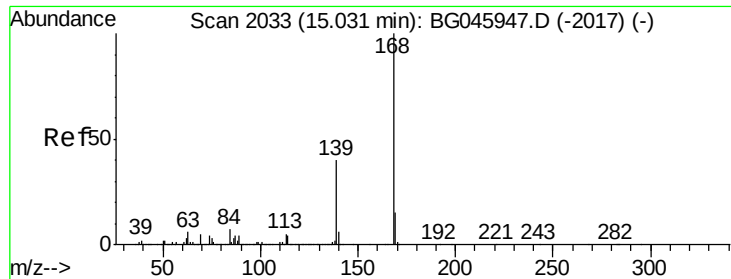
Tot Ion:138 Resp: 14478
Ion Ratio Lower Upper
138 100
108 32.5 15.4 23.2#
92 153.9 95.9 143.9#



#54
2,4-Dinitrophenol
Concen: 1.879 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:184 Resp: 2557
Ion Ratio Lower Upper
184 100
63 60.1 46.0 69.0
154 127.3 58.2 87.2#

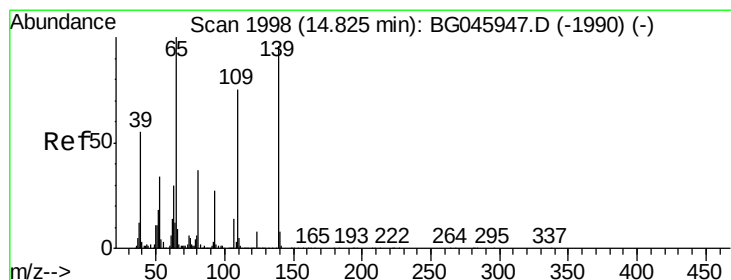
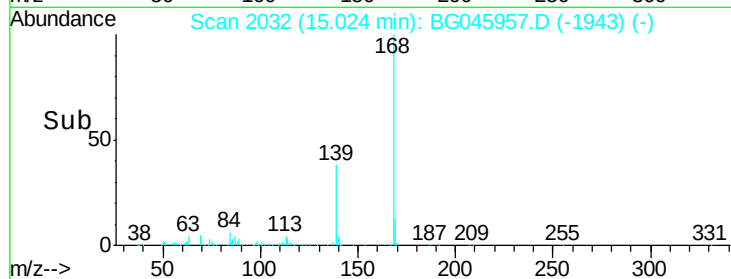
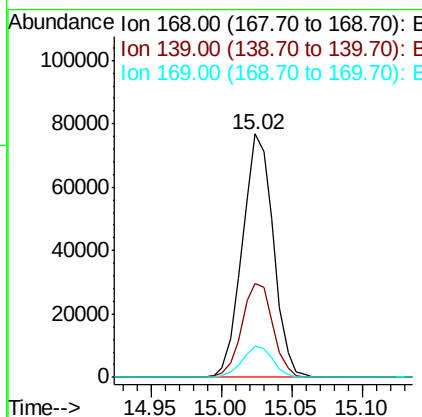
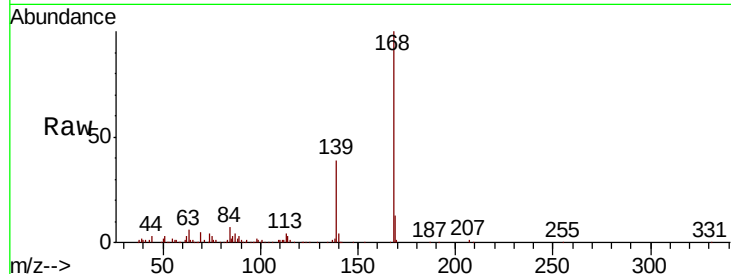




#55
Dibenzofuran
Concen: 4.023 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

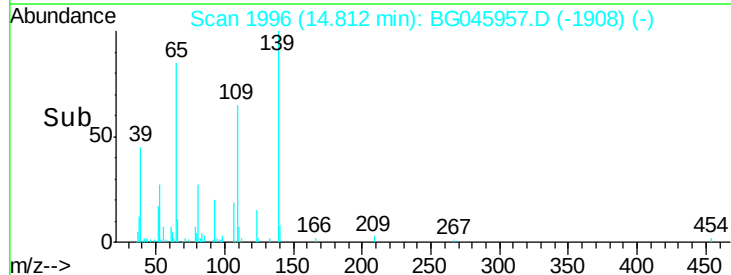
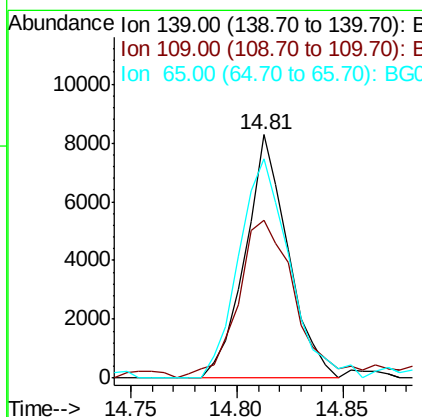
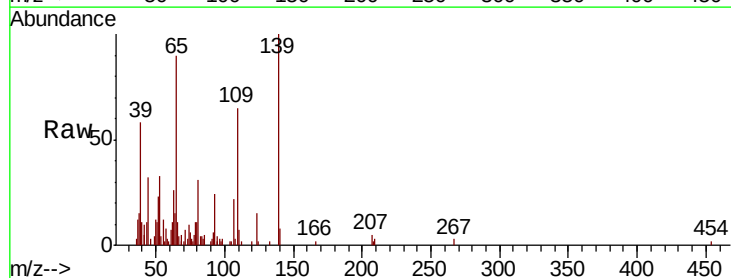
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

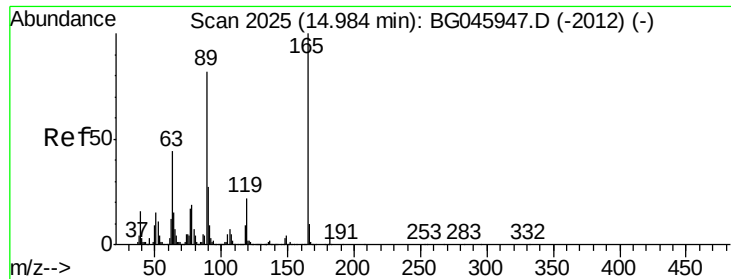
Tot Ion:168 Resp: 118032
Ion Ratio Lower Upper
168 100
139 38.8 32.2 48.2
169 12.8 11.8 17.8



#56
4-Nitrophenol
Concen: 2.877 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:139 Resp: 11655
Ion Ratio Lower Upper
139 100
109 65.0 58.5 98.5
65 90.0 84.7 124.7

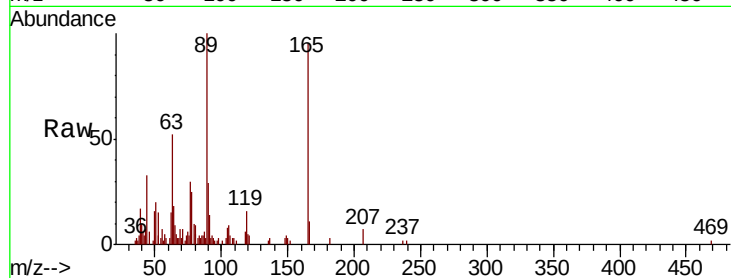




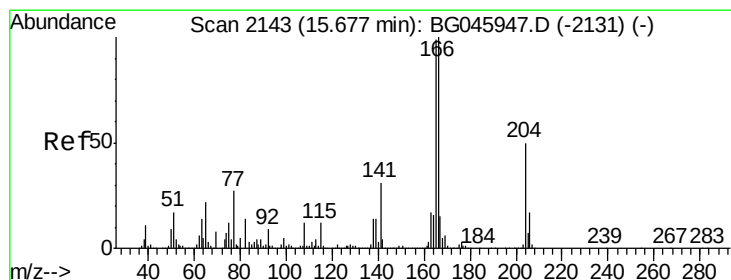
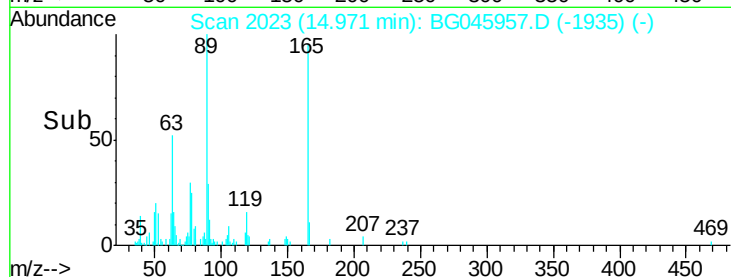
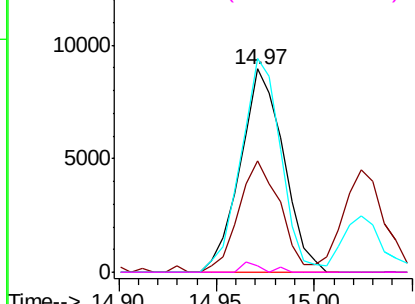
#57
 2,4-Dinitrotoluene
 Concen: 2.886 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:165 Resp: 13759
 Ion Ratio Lower Upper
 165 100
 63 54.9 35.4 53.0#
 89 105.1 65.4 98.2#
 182 3.2 2.0 3.0#

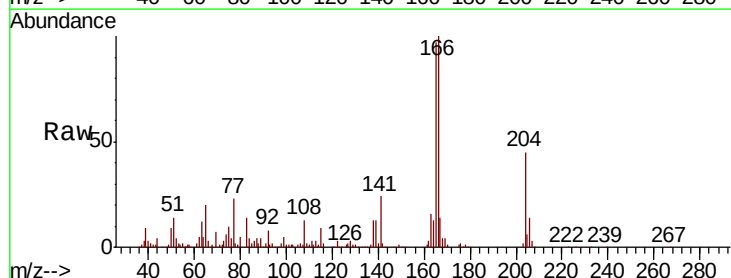


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

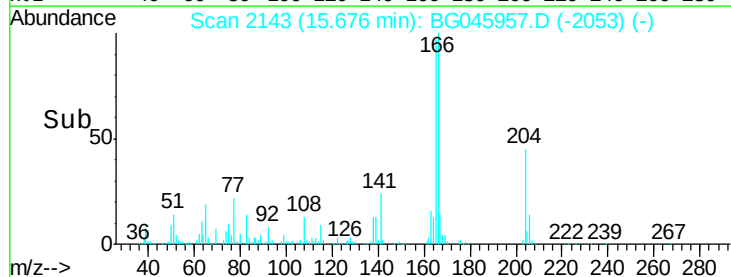
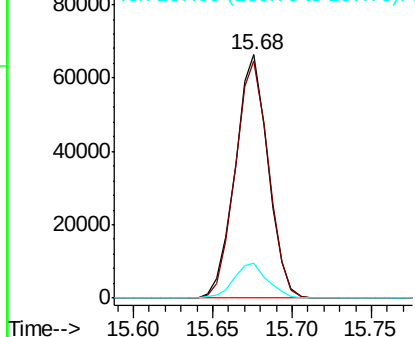


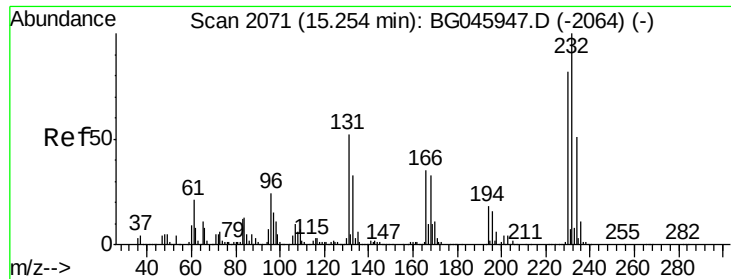
#58
 Fluorene
 Concen: 3.940 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:166 Resp: 94824
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.9 118.3
 167 14.4 12.1 18.1



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

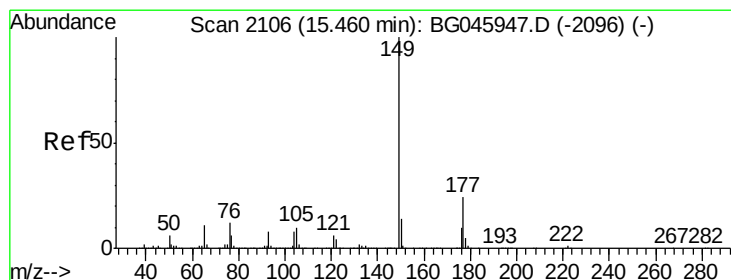
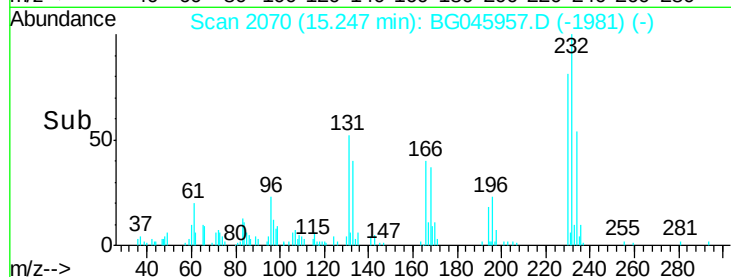
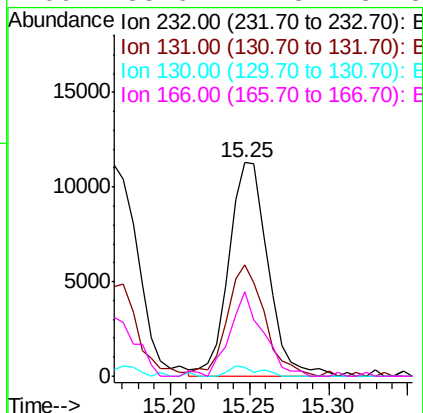
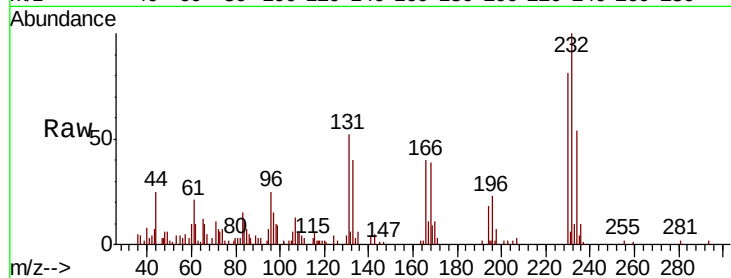




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.505 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

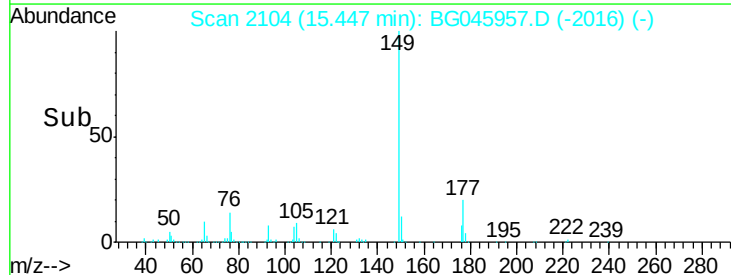
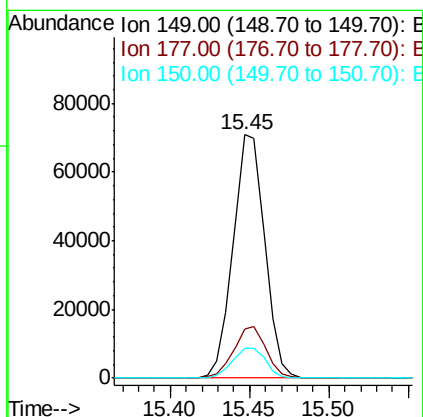
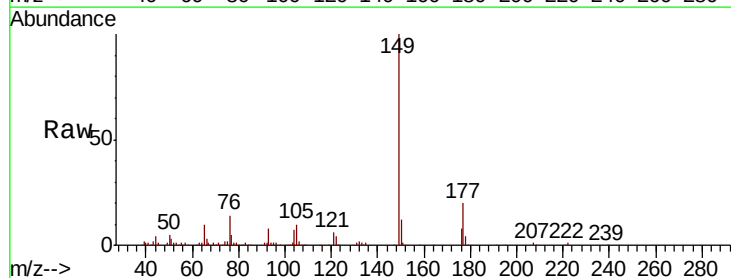
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

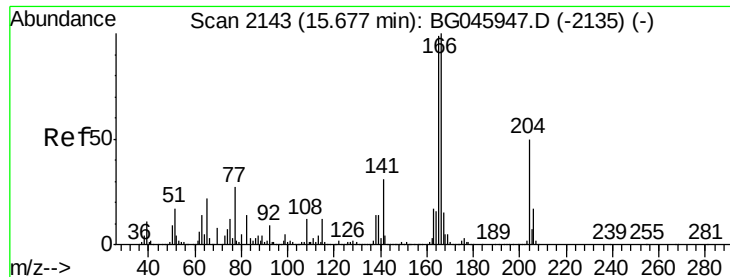
Tot Ion:	232	Resp:	19328
Ion	Ratio	Lower	Upper
232	100		
131	49.8	35.8	53.6
130	3.5	2.5	3.7
166	33.6	21.8	32.8#



#60
 Diethylphthalate
 Concen: 3.754 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:	149	Resp:	97910
Ion	Ratio	Lower	Upper
149	100		
177	20.2	19.0	28.4
150	12.2	11.0	16.4

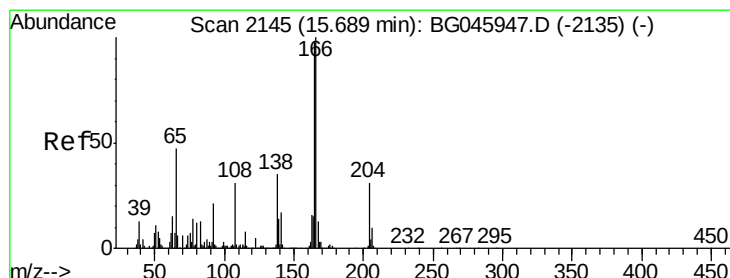
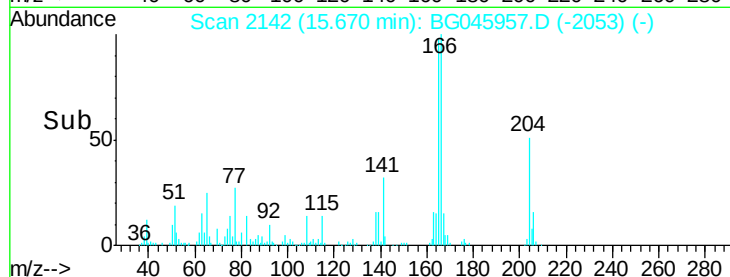
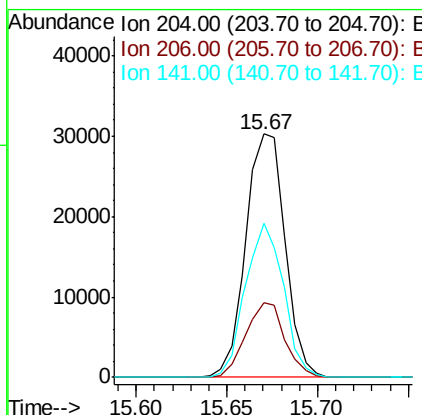
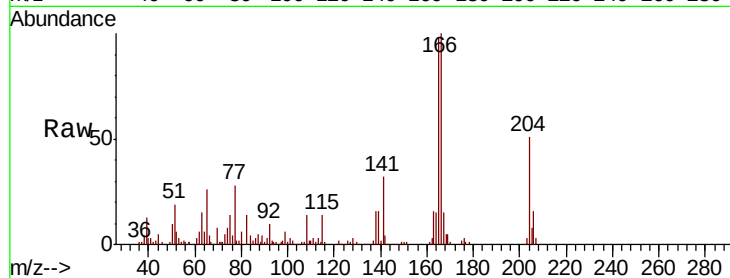




#61
4-Chlorophenyl-phenylether
Concen: 3.825 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

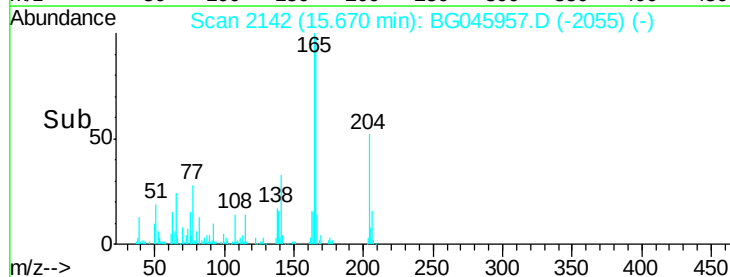
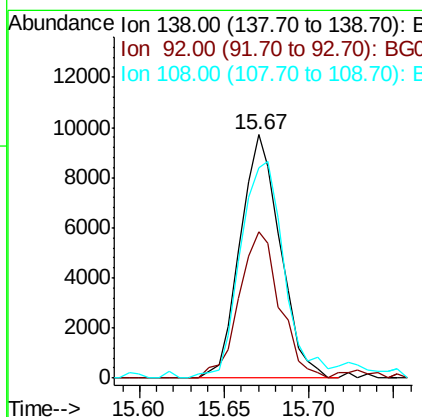
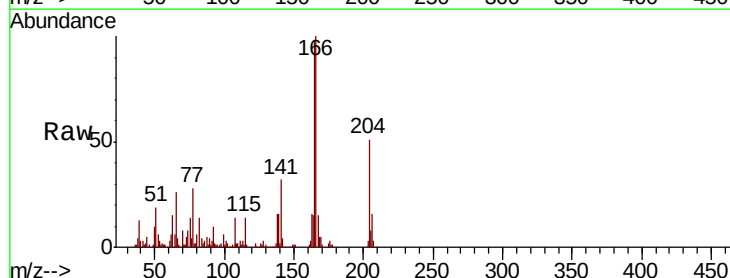
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

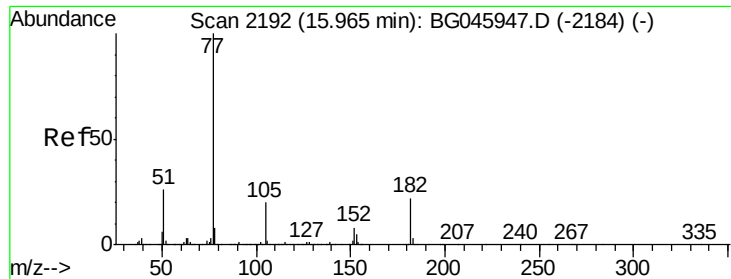
Tot Ion:204 Resp: 45808
Ion Ratio Lower Upper
204 100
206 30.5 27.1 40.7
141 63.3 49.8 74.8



#62
4-Nitroaniline
Concen: 3.122 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:138 Resp: 16049
Ion Ratio Lower Upper
138 100
92 60.1 40.3 80.3
108 86.6 68.0 108.0





#63

Azobenzene

Concen: 3.911 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 77 Resp: 109479

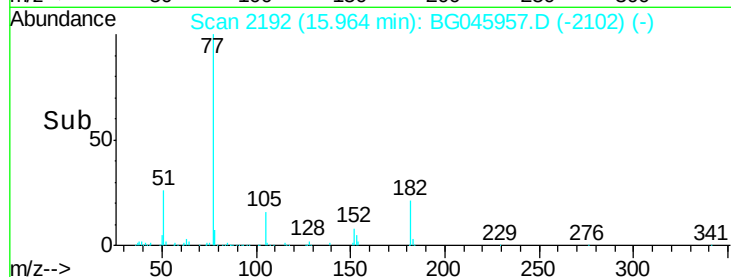
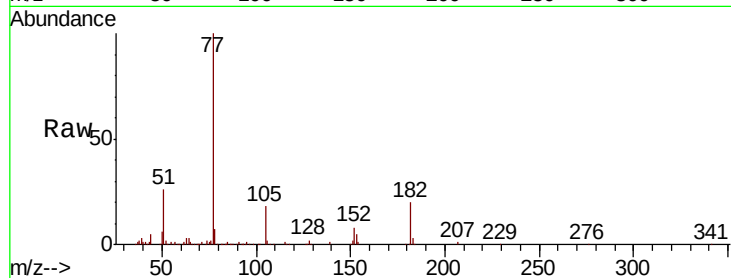
Ion	Ratio	Lower	Upper
77	100		
182	20.4	2.4	42.4
105	18.5	0.3	40.3
51	26.1	6.3	46.3

77 100

182 20.4 2.4 42.4

105 18.5 0.3 40.3

51 26.1 6.3 46.3

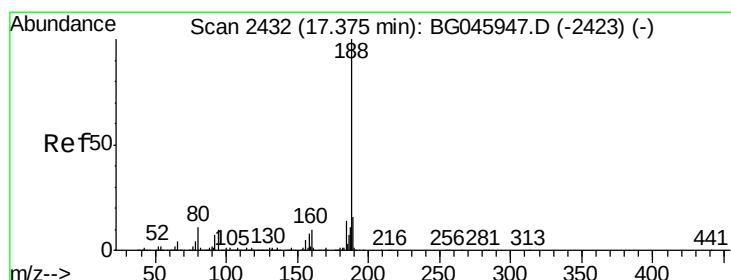
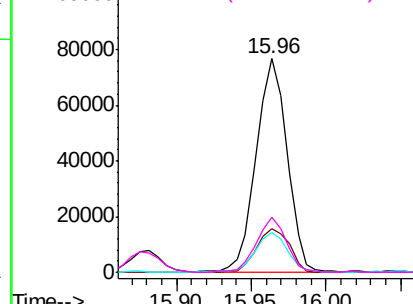


Abundance Ion 77.00 (76.70 to 77.70): BGC

120000 Ion 182.00 (181.70 to 182.70): BGC

100000 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: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

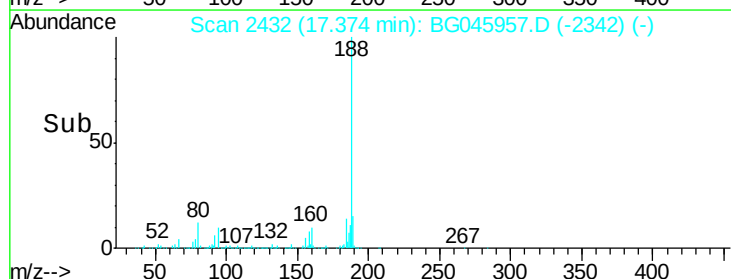
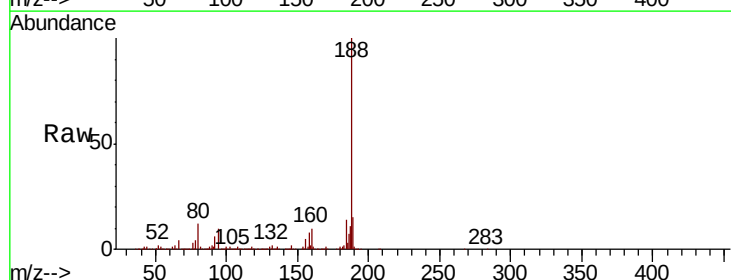
Tgt Ion: 188 Resp: 677981

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	12.1	9.0	13.6

188 100

94 10.1 8.2 12.4

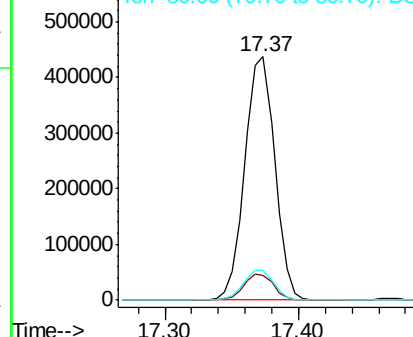
80 12.1 9.0 13.6

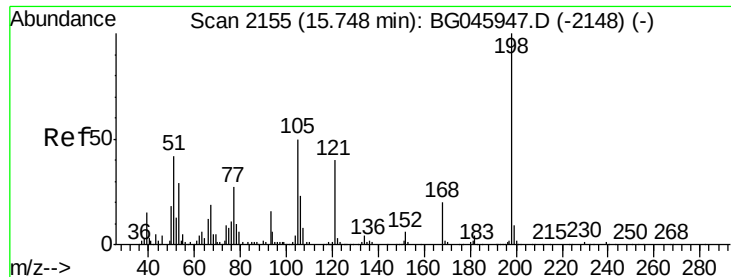


Abundance Ion 188.00 (187.70 to 188.70): BGC

600000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

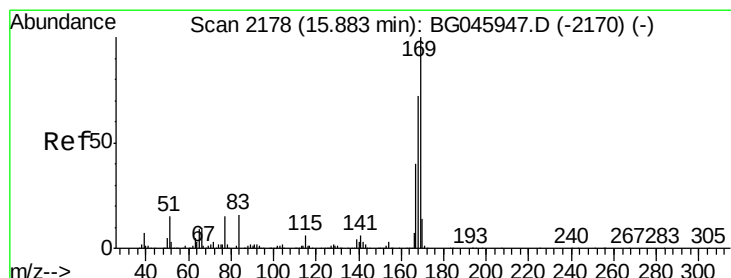
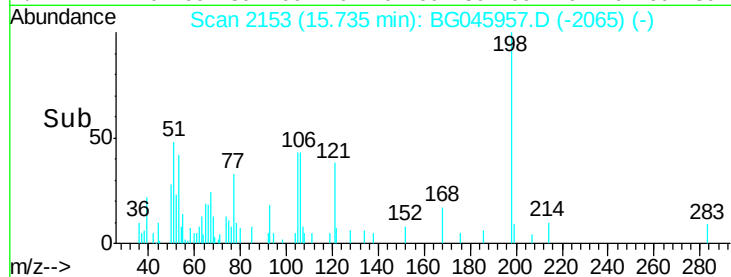
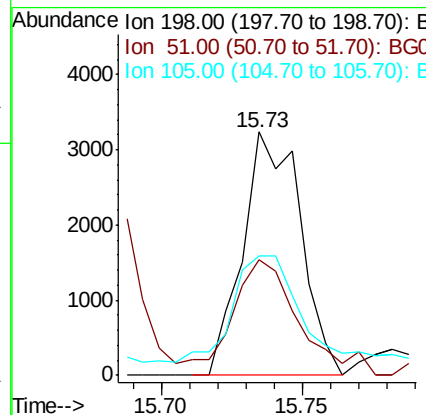
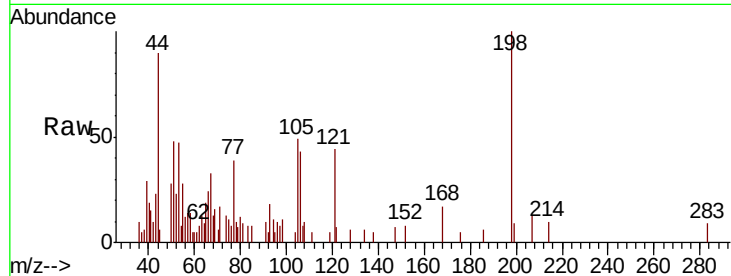




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.303 ng
 RT: 15.73 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

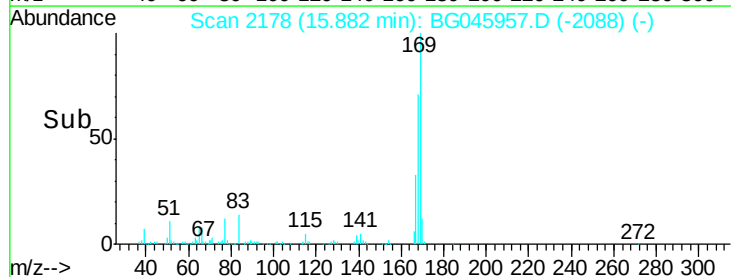
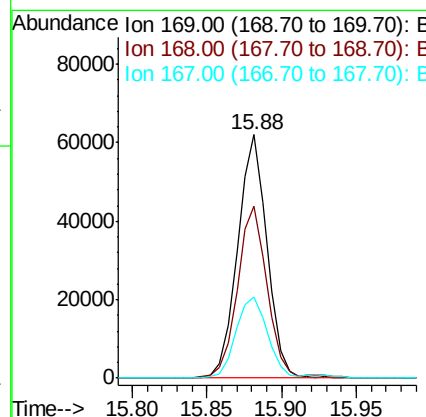
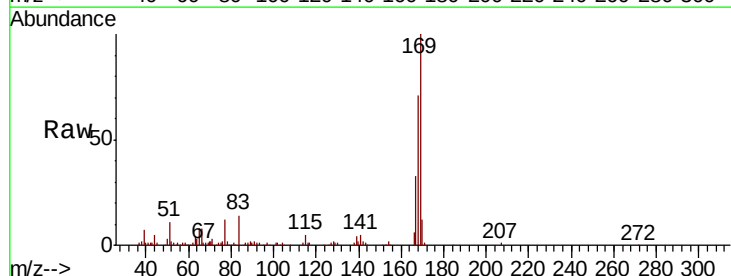
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

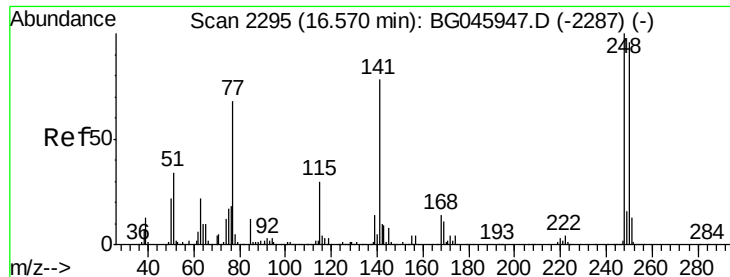
Tot Ion:198 Resp: 4574
 Ion Ratio Lower Upper
 198 100
 51 47.7 24.5 64.5
 105 49.0 30.9 70.9



#66
 n-Nitrosodiphenylamine
 Concen: 4.028 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:169 Resp: 84629
 Ion Ratio Lower Upper
 169 100
 168 70.6 57.3 85.9
 167 33.3 32.1 48.1

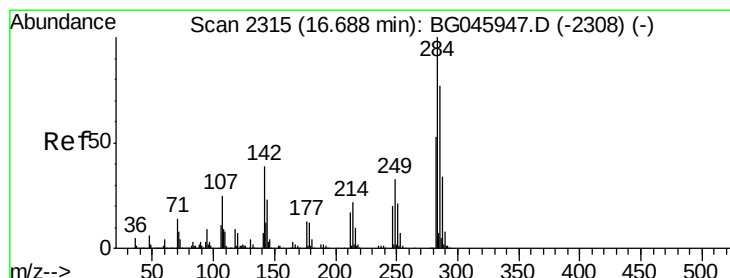
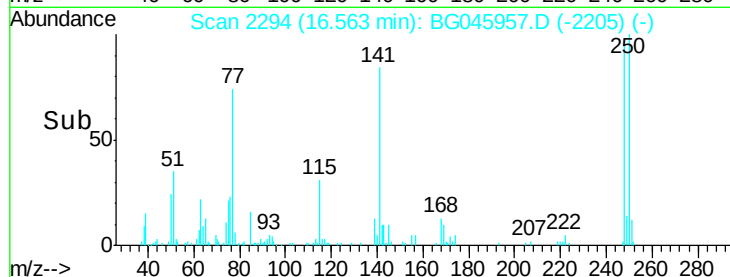
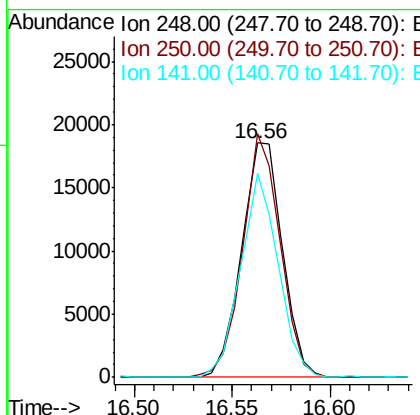
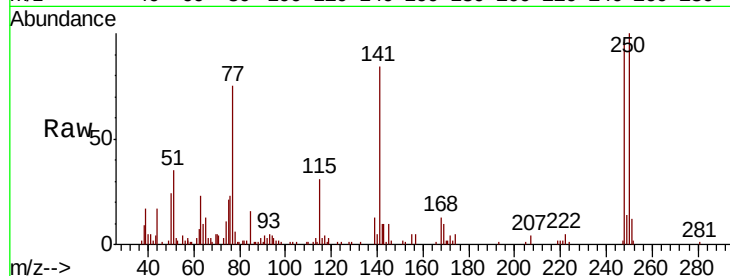




#67
4-Bromophenyl-phenylether
Concen: 3.546 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

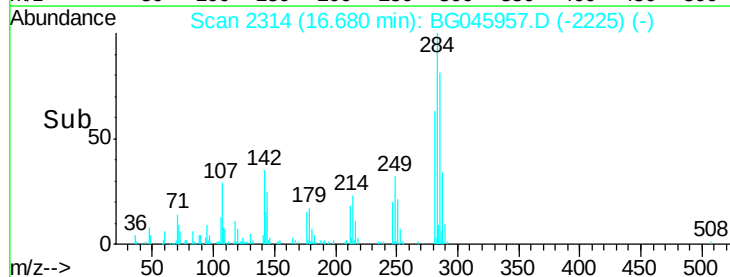
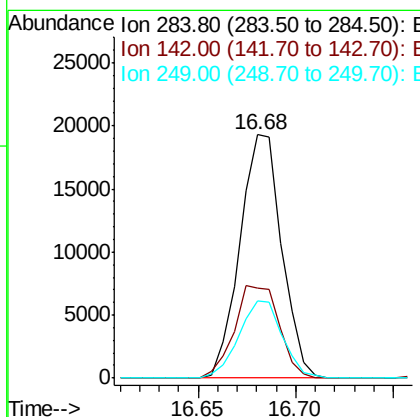
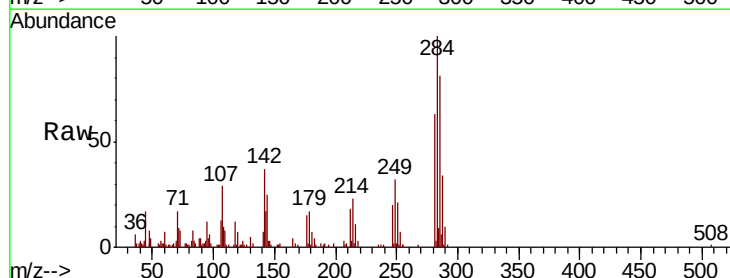
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

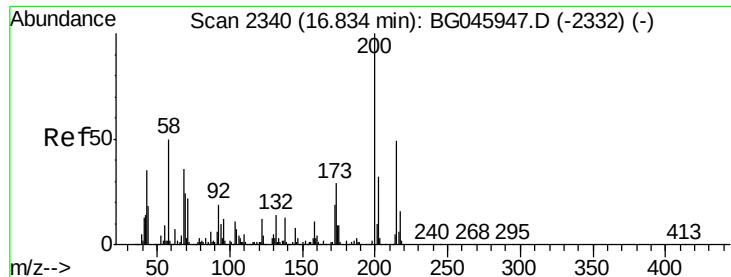
Tot Ion:248 Resp: 26849
Ion Ratio Lower Upper
248 100
250 103.9 76.6 114.8
141 86.8 62.7 94.1



#68
Hexachlorobenzene
Concen: 3.767 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:284 Resp: 28623
Ion Ratio Lower Upper
284 100
142 36.7 31.3 46.9
249 31.7 26.8 40.2

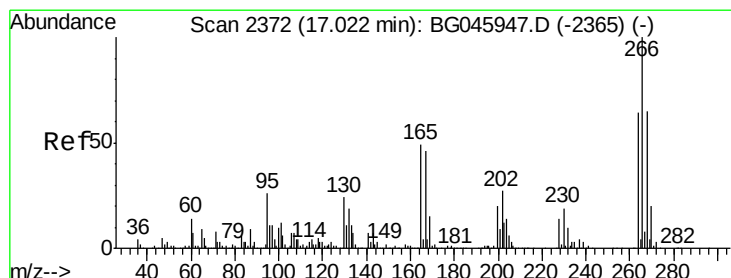
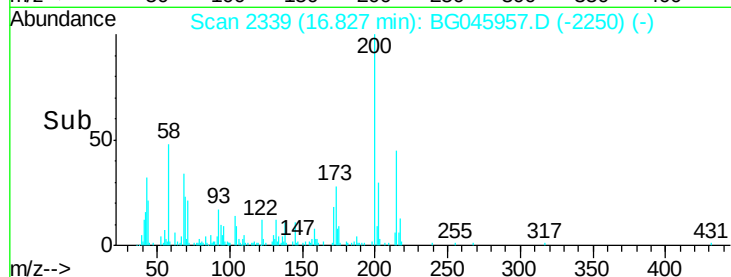
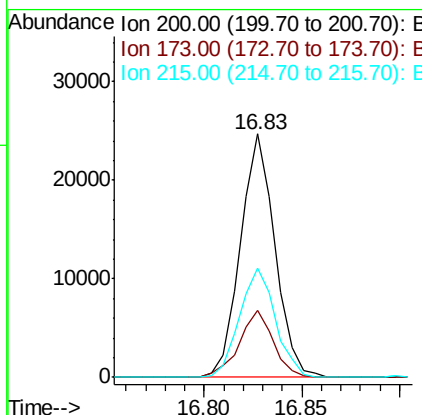
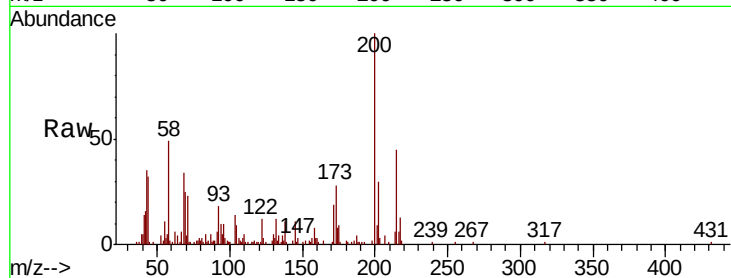




#69
Atrazine
Concen: 4.852 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

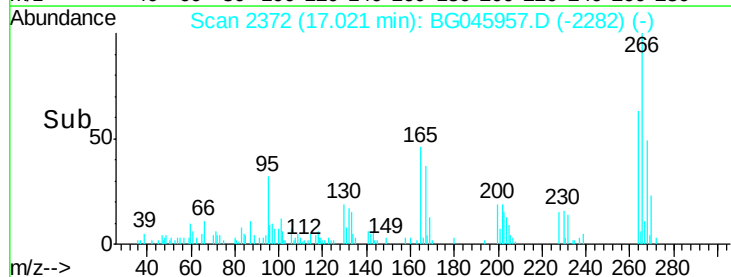
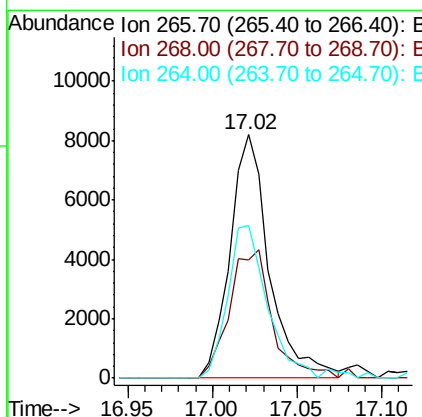
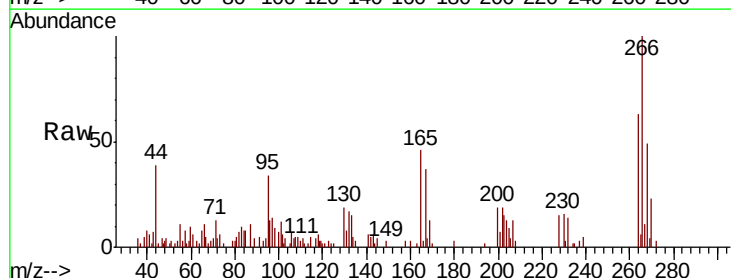
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

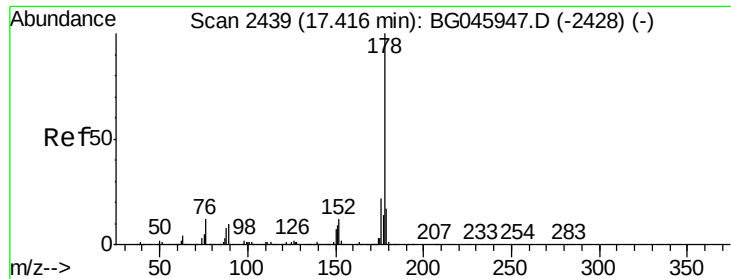
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	9.1	49.1
215	45.1	28.8	68.8



#70
Pentachlorophenol
Concen: 3.139 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	48.7	51.8	77.8#
264	62.8	51.4	77.0





#71

Phenanthrene

Concen: 4.027 ng

RT: 17.41 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

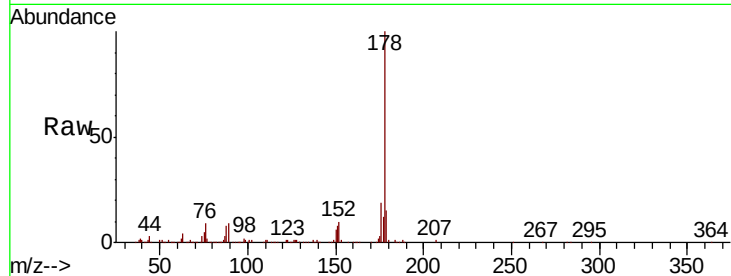
Tot Ion:178 Resp: 144338

Ion Ratio Lower Upper

178 100

176 19.1 17.4 26.2

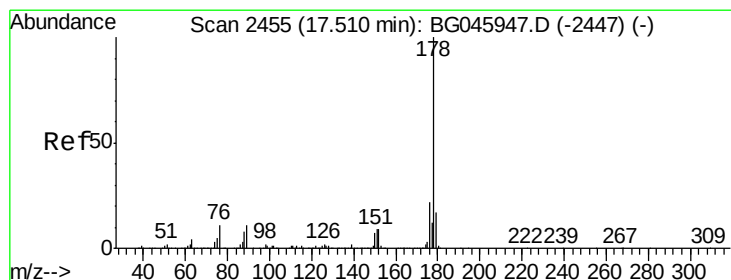
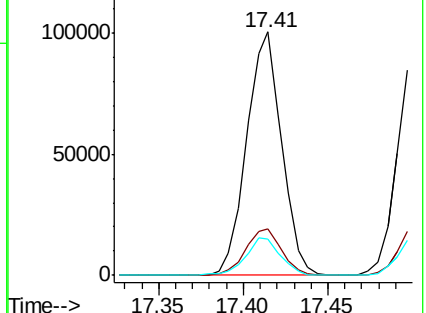
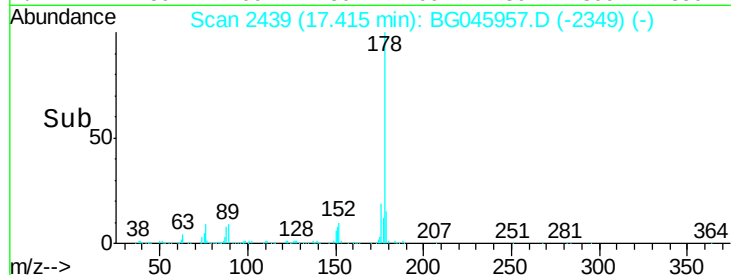
179 15.1 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.190 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

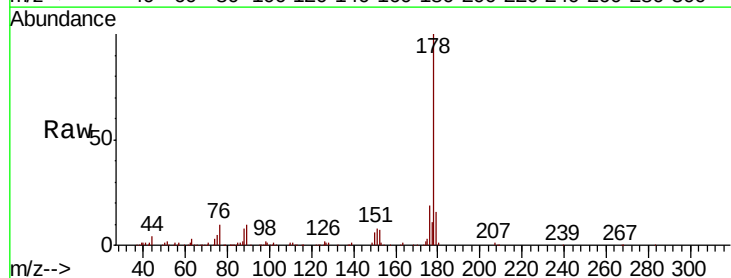
Tgt Ion:178 Resp: 152398

Ion Ratio Lower Upper

178 100

176 19.2 17.2 25.8

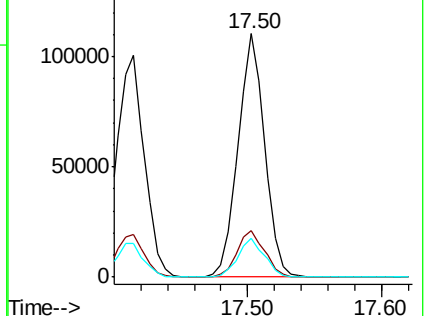
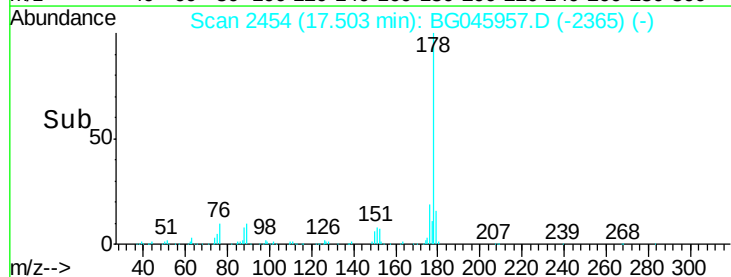
179 15.7 14.0 21.0

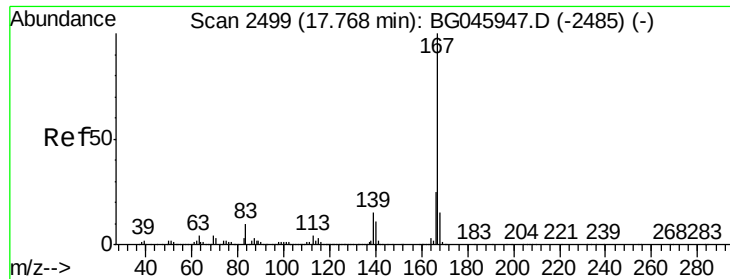


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

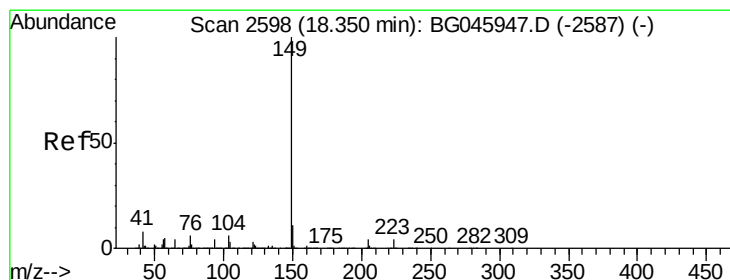
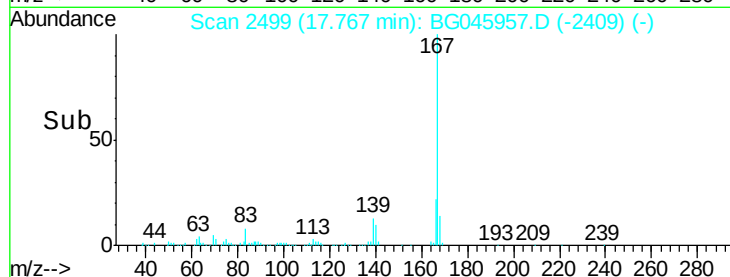
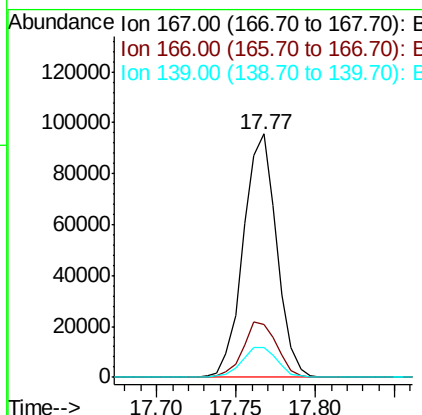
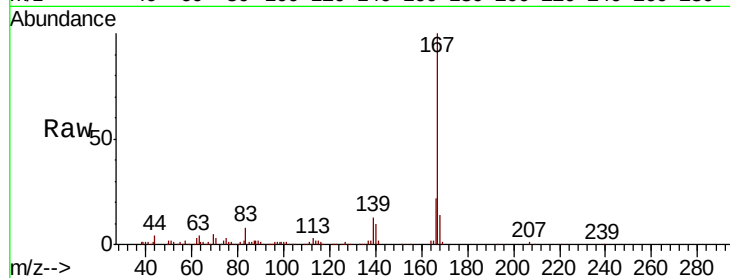




#73
 Carbazole
 Concen: 3.821 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

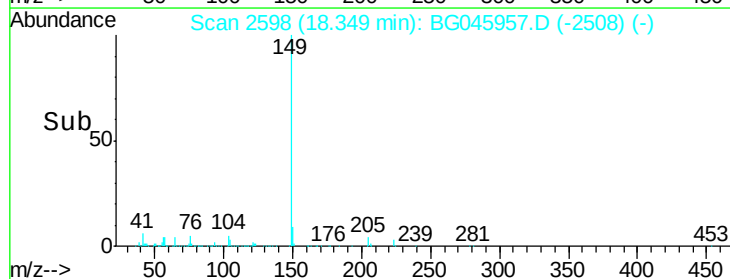
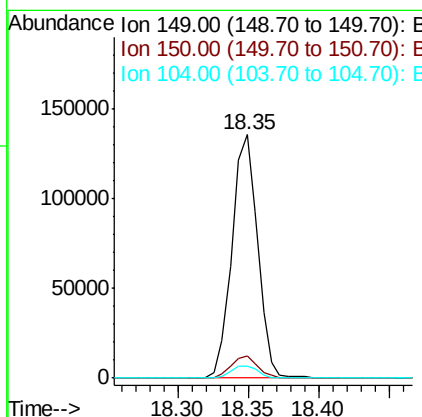
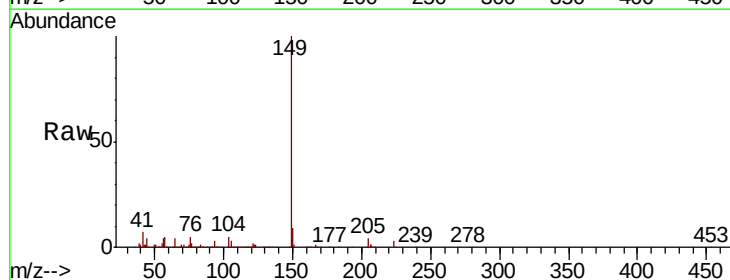
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

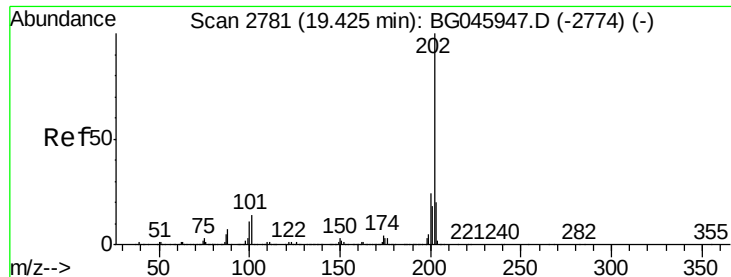
Tot Ion:167 Resp: 139330
 Ion Ratio Lower Upper
 167 100
 166 21.7 20.4 30.6
 139 12.5 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 3.892 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion:149 Resp: 171456
 Ion Ratio Lower Upper
 149 100
 150 9.0 9.0 13.4
 104 4.7 5.2 7.8#





#75

Fluoranthene

Concen: 4.161 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

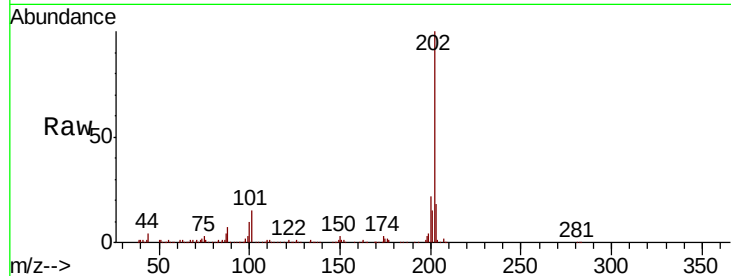
Tot Ion:202 Resp: 172421

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.8

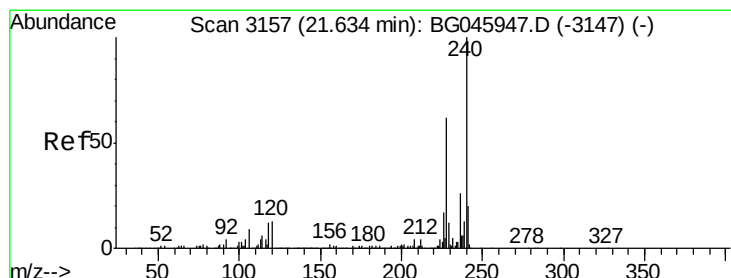
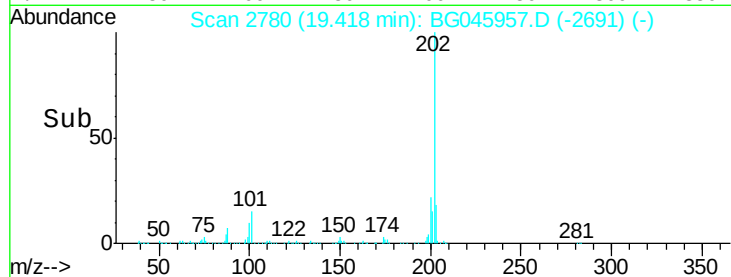
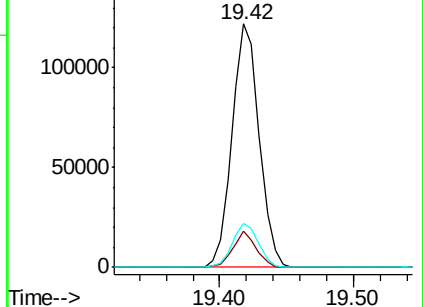
203 17.9 0.4 40.4



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

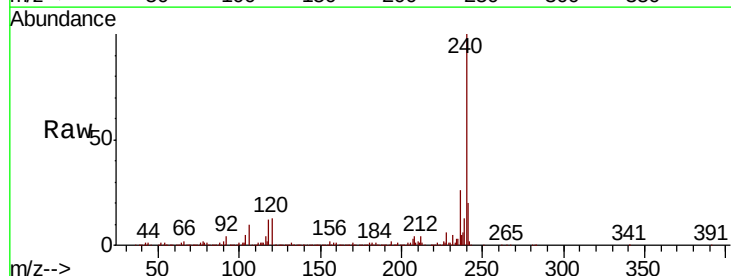
Tgt Ion:240 Resp: 647335

Ion Ratio Lower Upper

240 100

120 13.1 10.6 16.0

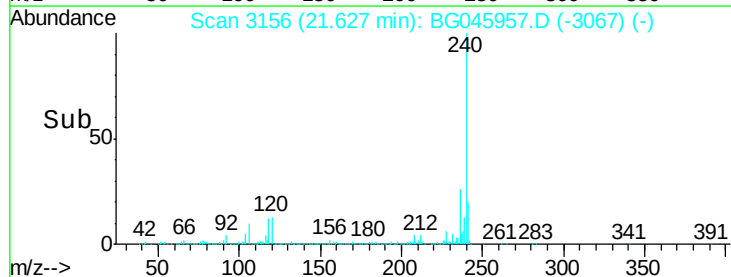
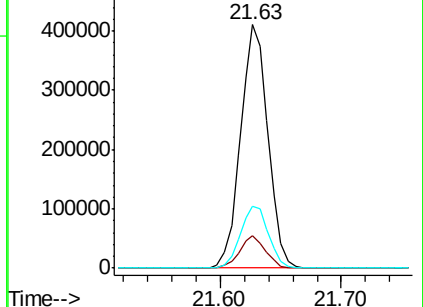
236 25.7 20.4 30.6

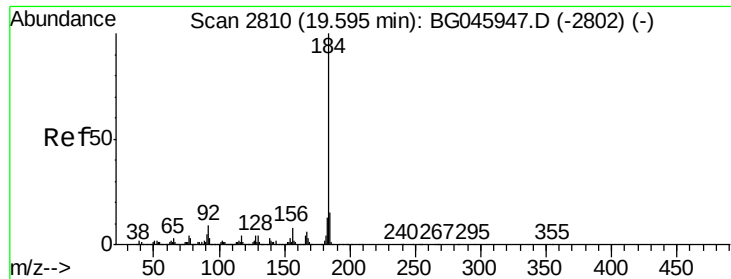


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.088 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

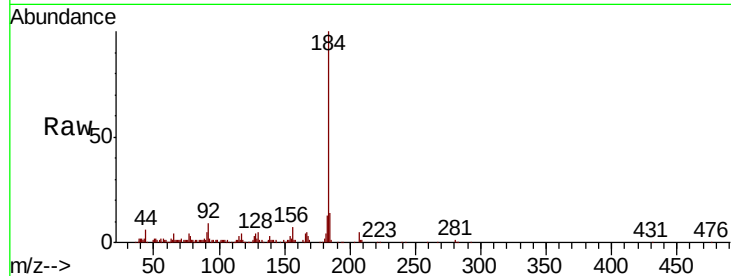
Tot Ion:184 Resp: 94175

Ion Ratio Lower Upper

184 100

185 13.7 11.6 17.4

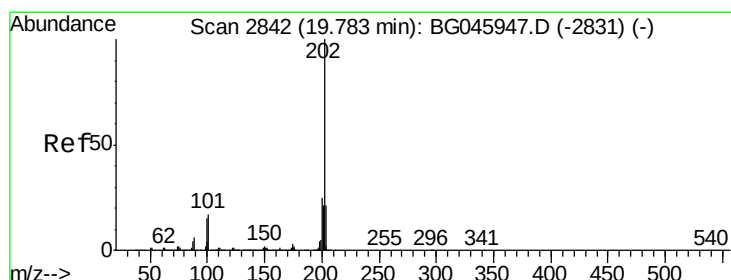
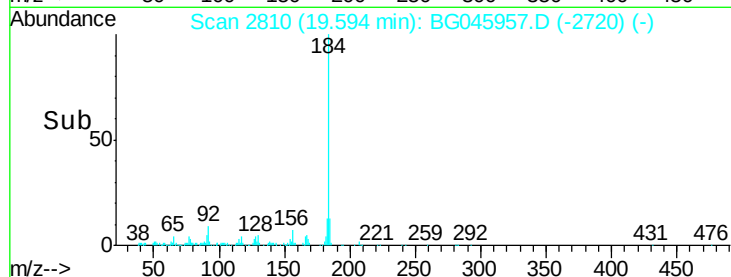
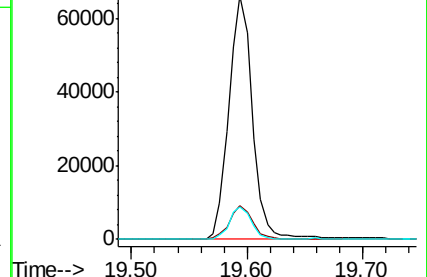
183 13.1 10.4 15.6



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: 3.902 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.37 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

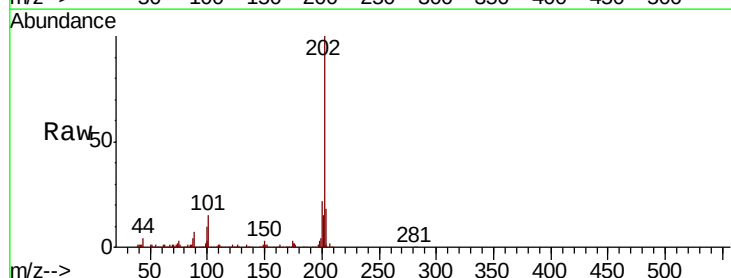
Tgt Ion:202 Resp: 172421

Ion Ratio Lower Upper

202 100

200 22.2 20.1 30.1

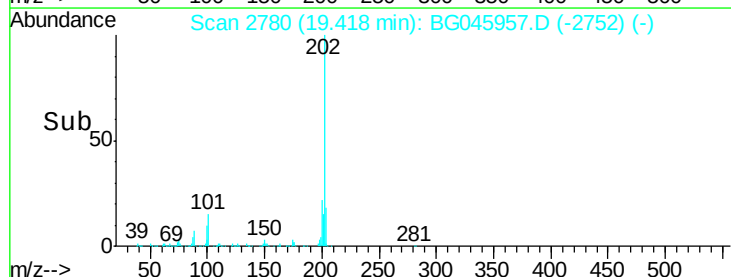
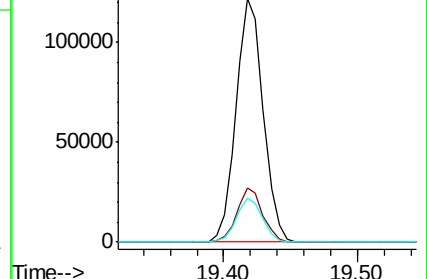
203 17.9 16.5 24.7

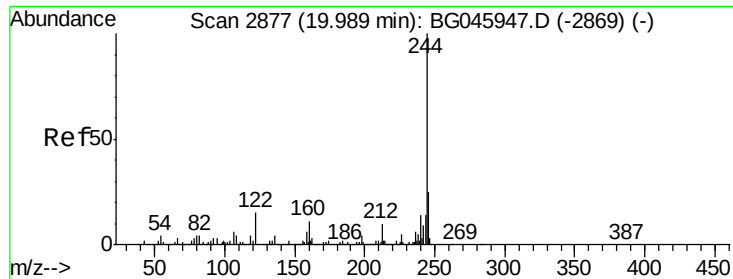


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.456 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

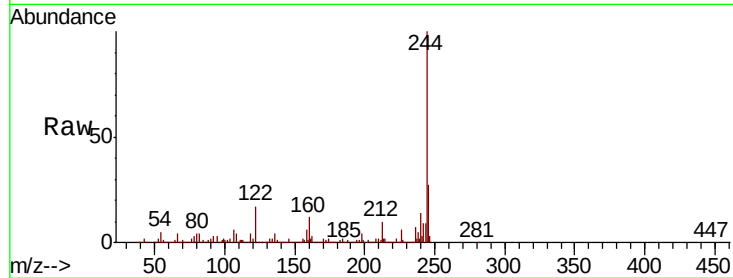
Tot Ion:244 Resp: 2660186

Ion Ratio Lower Upper

244 100

212 10.3 8.3 12.5

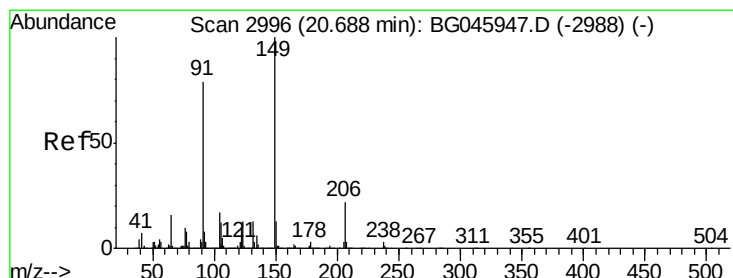
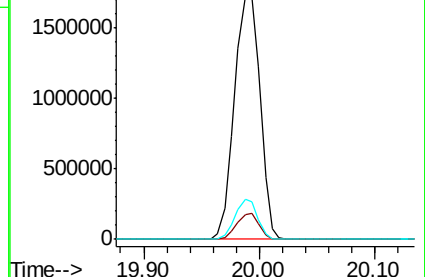
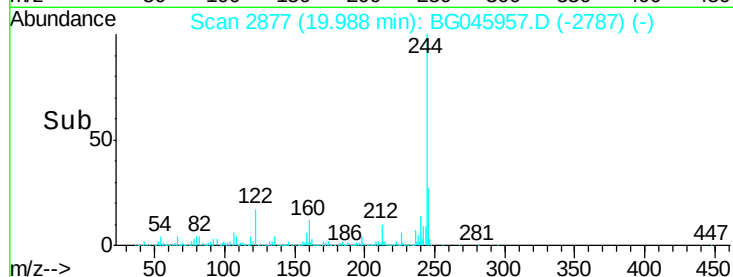
122 16.7 12.1 18.1



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: 3.426 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

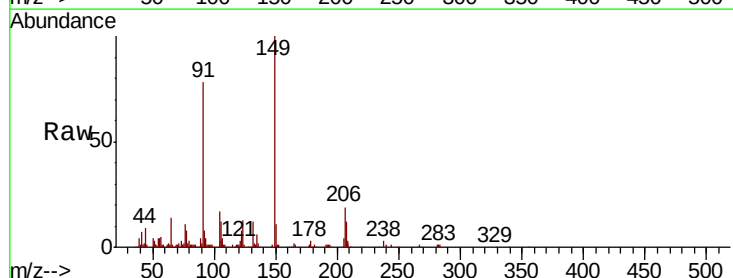
Tgt Ion:149 Resp: 71539

Ion Ratio Lower Upper

149 100

91 78.5 63.1 94.7

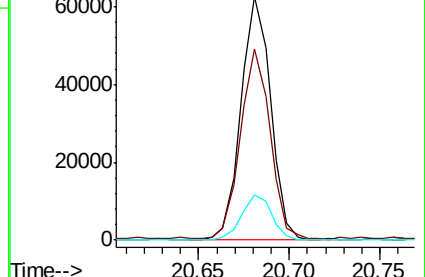
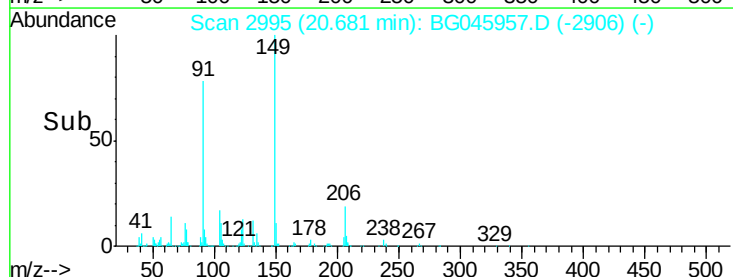
206 18.8 17.4 26.0

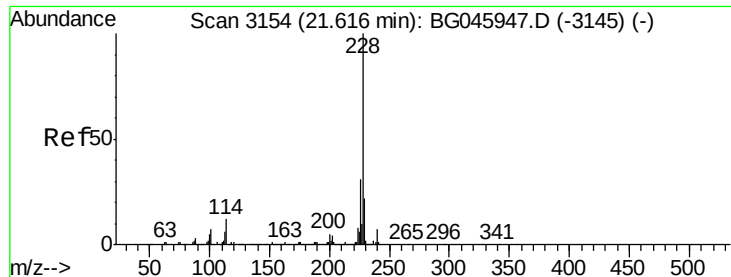


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.959 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

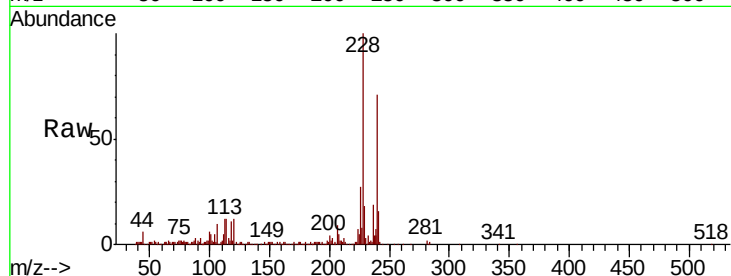
Tot Ion:228 Resp: 168531

Ion Ratio Lower Upper

228 100

226 26.6 24.8 37.2

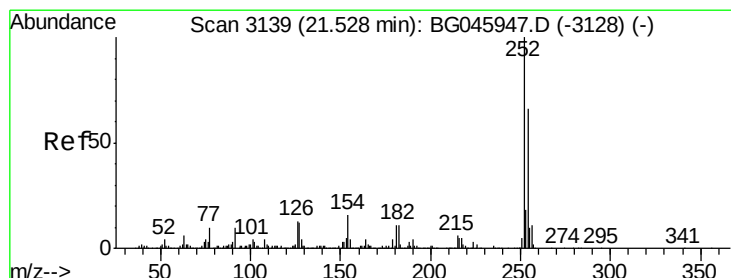
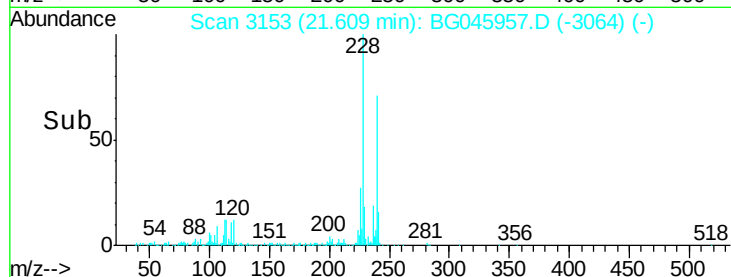
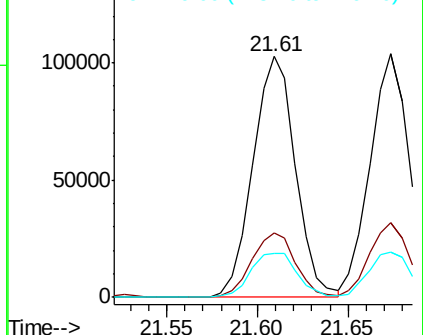
229 18.2 17.8 26.8



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: 4.110 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

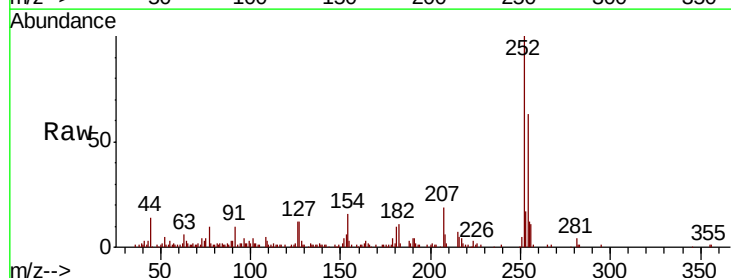
Tgt Ion:252 Resp: 64639

Ion Ratio Lower Upper

252 100

254 62.9 52.9 79.3

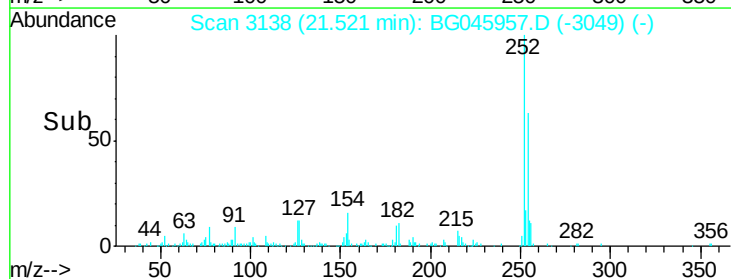
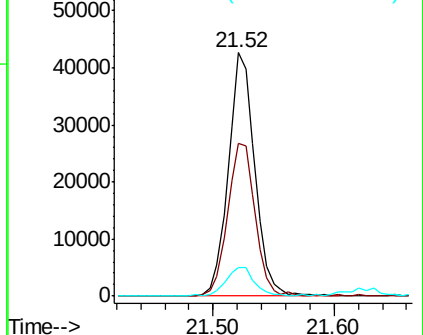
126 11.6 10.4 15.6

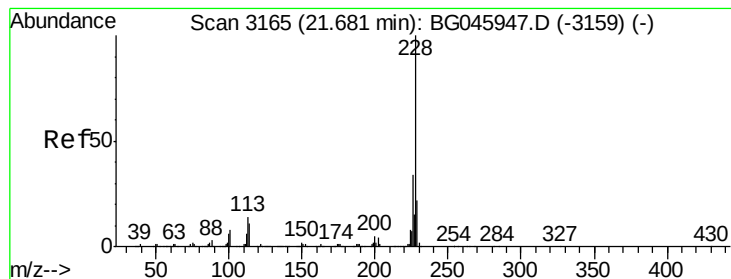


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 3.887 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

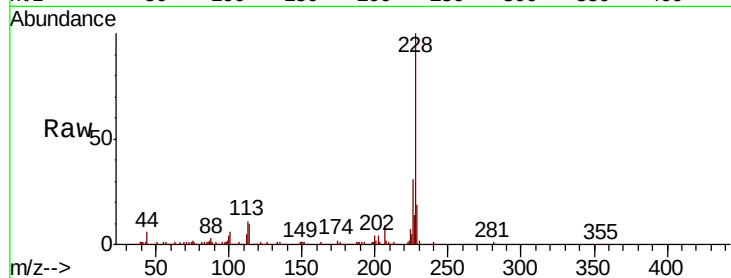
Tot Ion:228 Resp: 157637

Ion Ratio Lower Upper

228 100

226 30.6 26.7 40.1

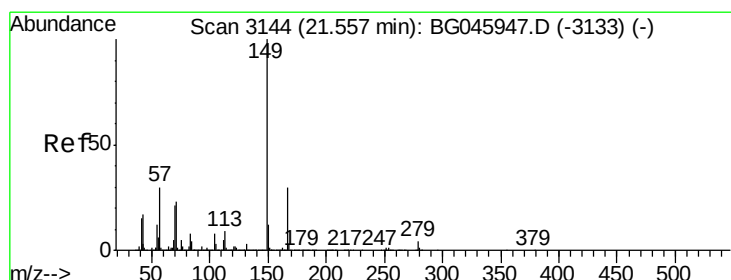
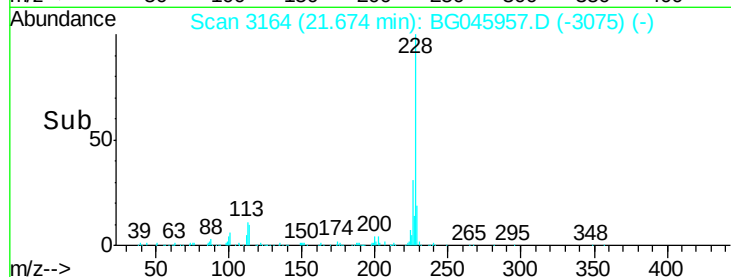
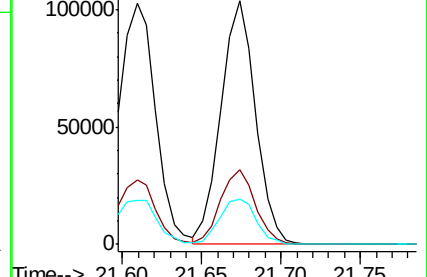
229 18.8 17.3 25.9



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: 3.631 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

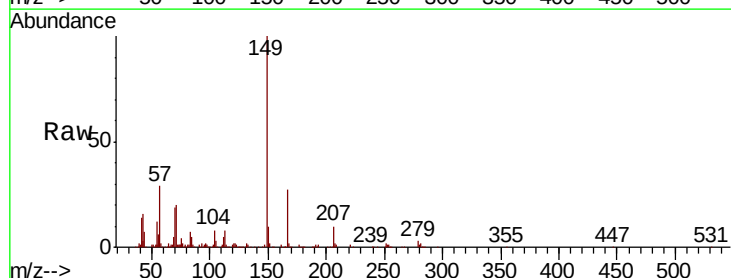
Tgt Ion:149 Resp: 110045

Ion Ratio Lower Upper

149 100

167 26.8 23.8 35.8

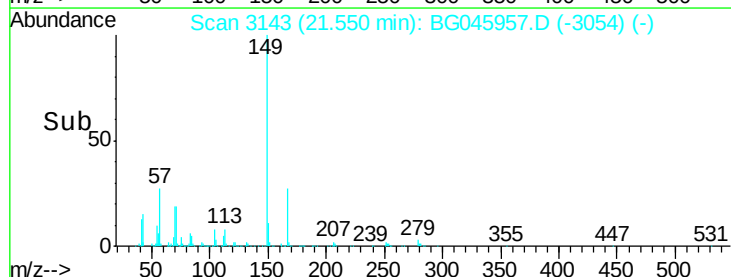
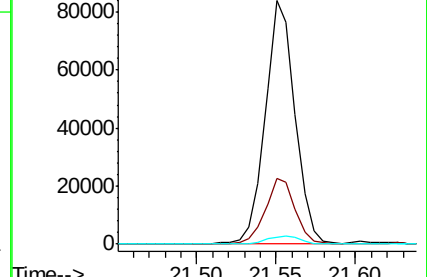
279 3.0 3.5 5.3#

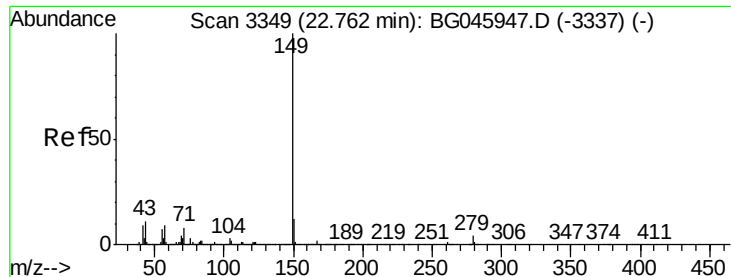


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 3.539 ng

RT: 22.75 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

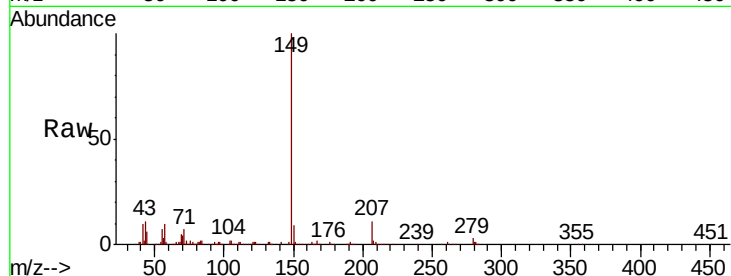
Tot Ion:149 Resp: 186171

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

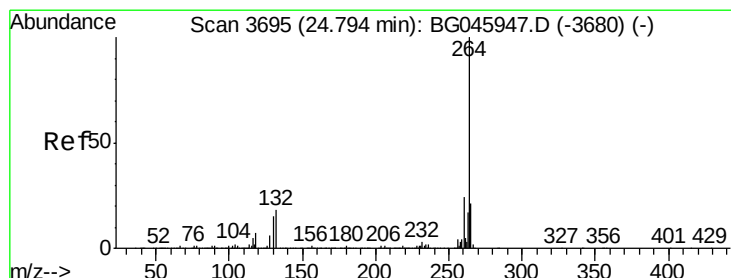
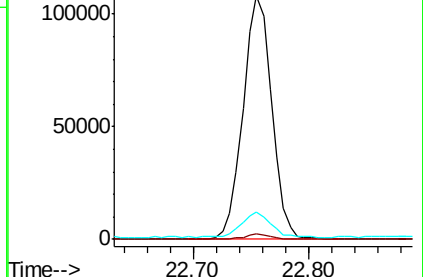
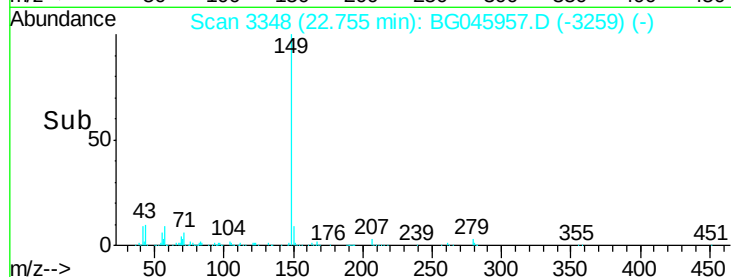
43 11.1 8.6 12.8



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

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

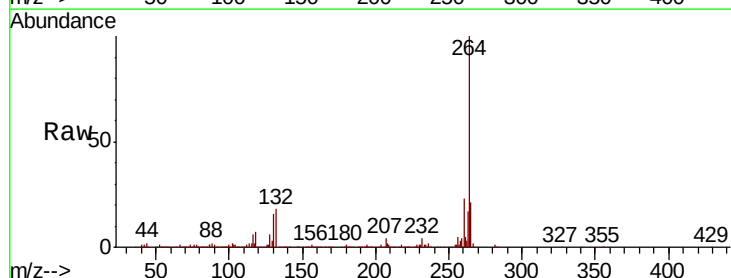
Tgt Ion:264 Resp: 657998

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

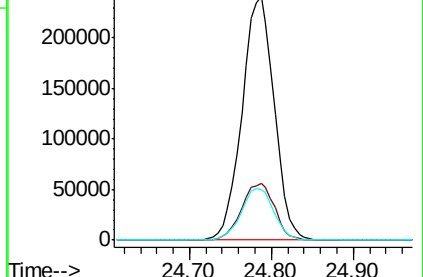
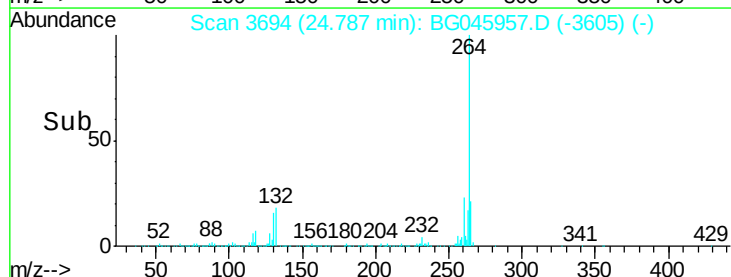
265 20.8 16.9 25.3

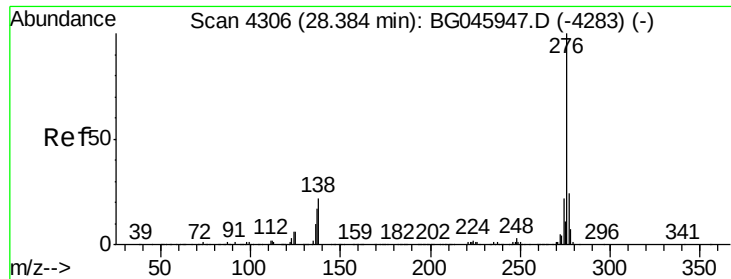


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

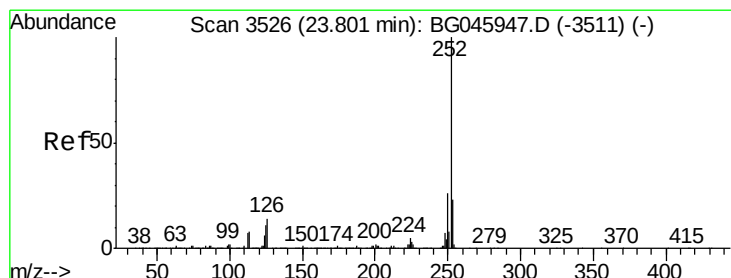
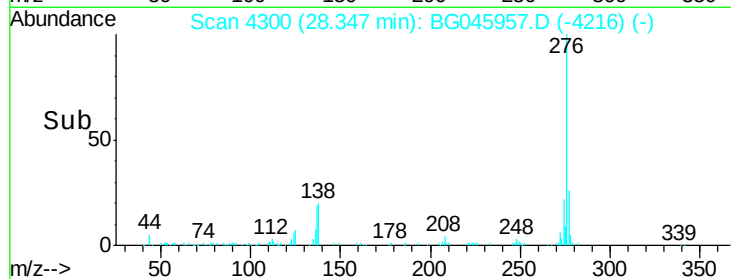
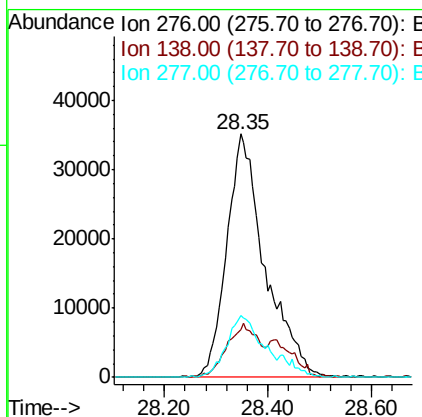
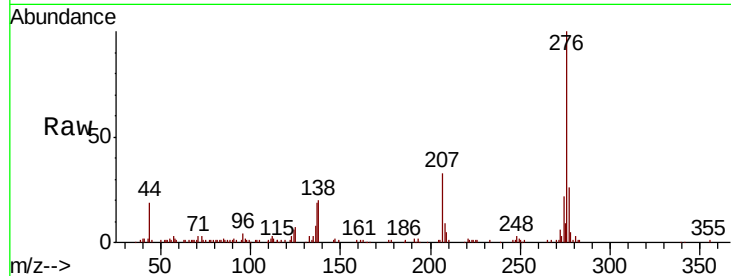




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.743 ng
 RT: 28.35 min Scan# 4306
 Delta R.T. -0.04 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

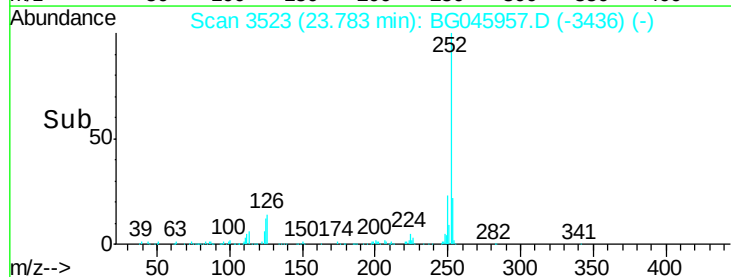
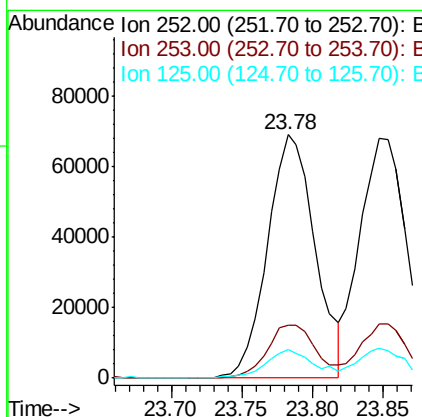
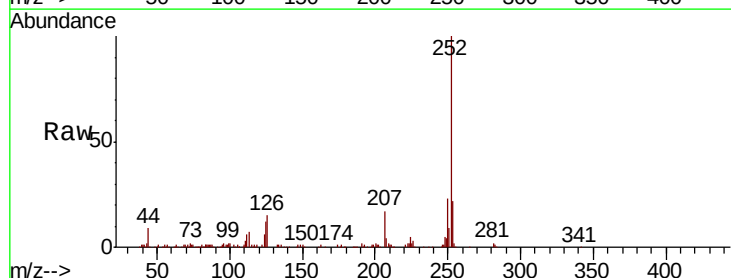
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

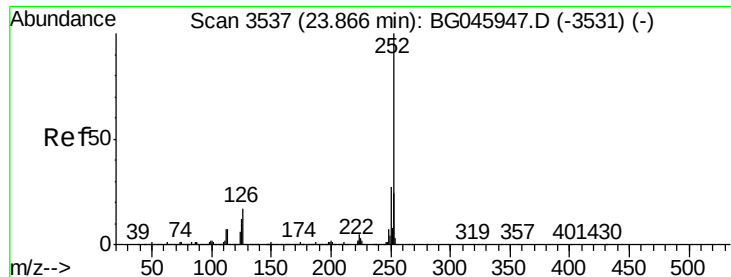
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.4	24.6
277	22.8	20.6	31.0



#88
 Benzo(b)fluoranthene
 Concen: 3.897 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	11.9	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 4.028 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

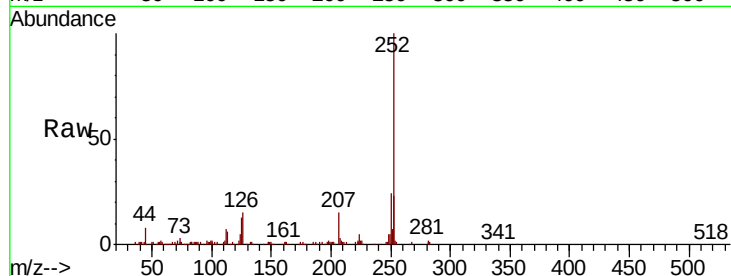
Tot Ion:252 Resp: 159088

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

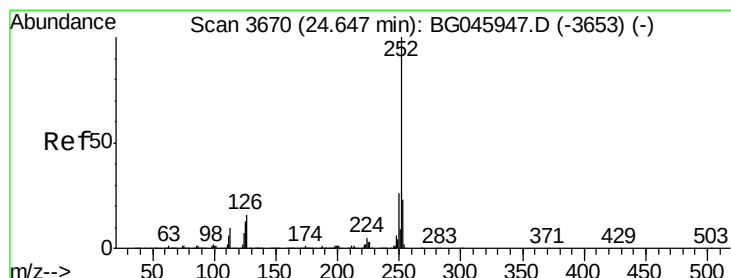
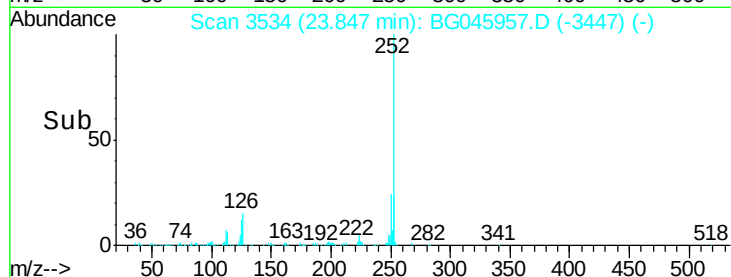
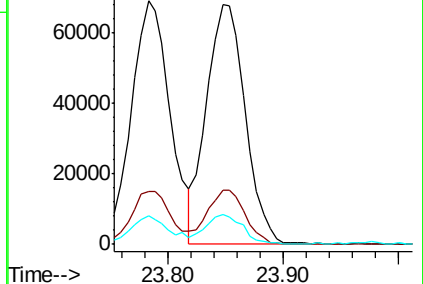
125 12.5 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.752 ng

RT: 24.63 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

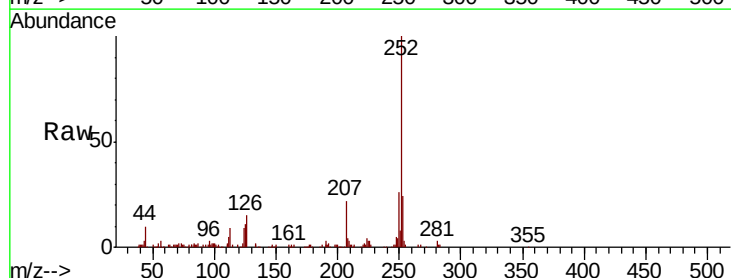
Tgt Ion:252 Resp: 147387

Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

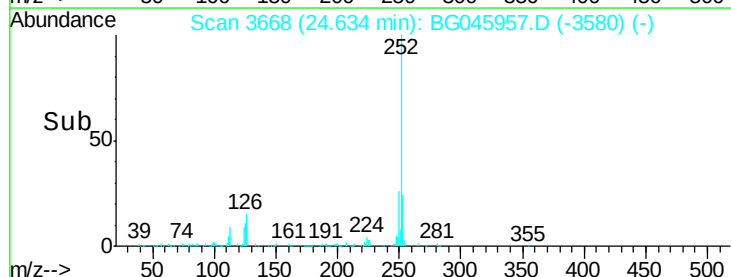
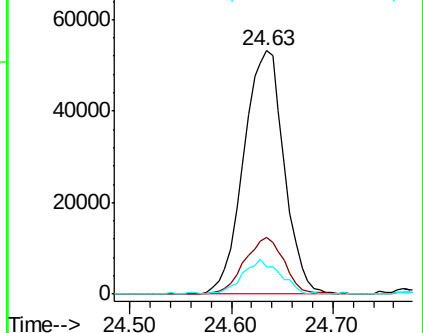
125 11.2 10.5 15.7

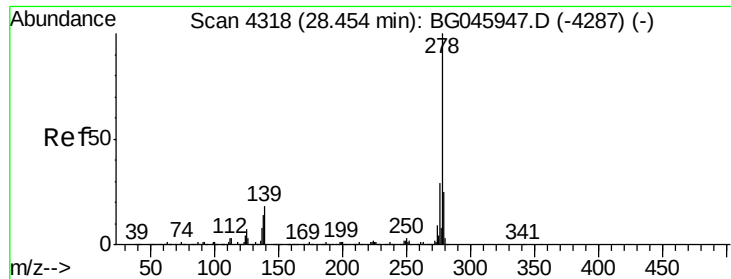


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 3.929 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.02 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

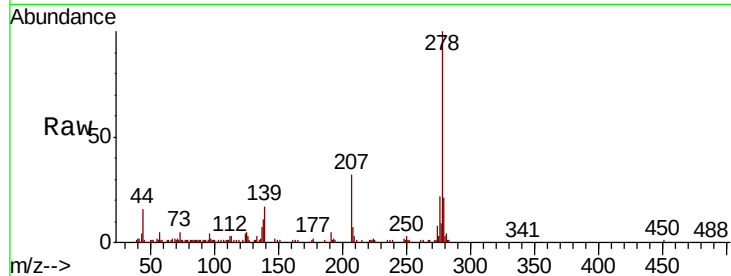
Tot Ion:278 Resp: 152541

Ion Ratio Lower Upper

278 100

139 17.2 14.3 21.5

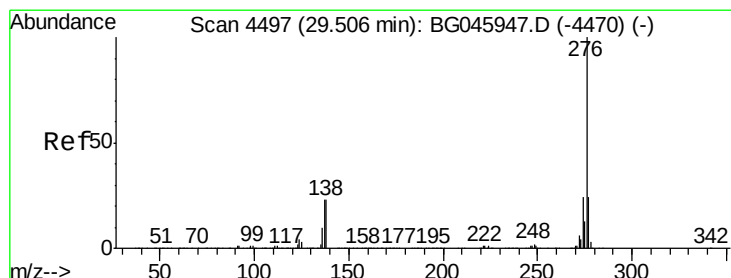
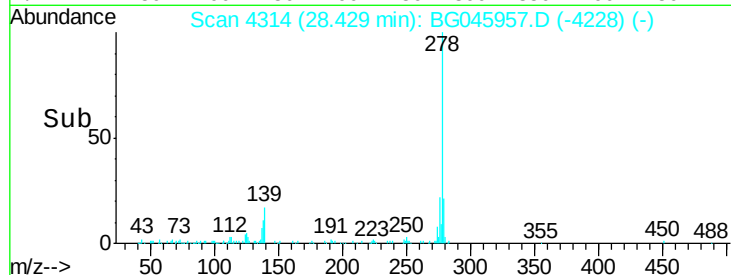
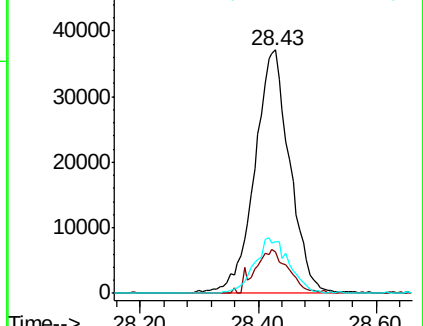
279 21.2 19.8 29.6



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: 3.893 ng

RT: 29.46 min Scan# 4489

Delta R.T. -0.05 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

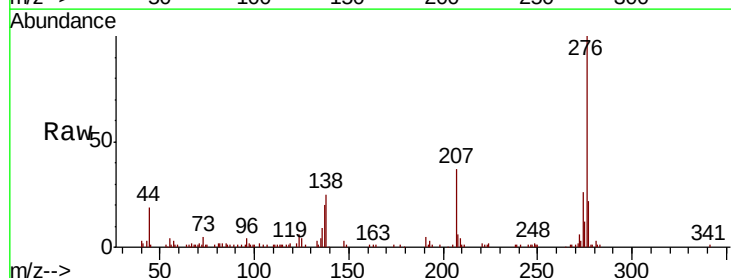
Tgt Ion:276 Resp: 152107

Ion Ratio Lower Upper

276 100

277 21.7 19.4 29.0

138 25.4 18.6 28.0



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

