

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044697.D
 Acq On : 6 Mar 2020 14:38
 Operator : CG/JU
 Sample : L1161-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Quant Time: Mar 07 04:47:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68572	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	284184	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	204578	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	459903	20.00	ng	0.00
76) Chrysene-d12	21.71	240	431968	20.00	ng	0.00
87) Perylene-d12	24.94	264	481406	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	641854	140.58	ng	0.00
7) Phenol-d6	7.21	99	947485	137.29	ng	0.00
23) Nitrobenzene-d5	9.22	82	666233	106.74	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	420142	149.51	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1405548	95.71	ng	0.00
79) Terphenyl-d14	20.06	244	2218190	91.66	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	15810	7.224	ng	100
3) Pyridine	3.93	79	38536	5.679	ng	95
4) n-Nitrosodimethylamine	3.84	42	18255	6.360	ng	# 88
6) Aniline	7.38	93	63707	7.369	ng	97
8) 2-Chlorophenol	7.62	128	33600	7.261	ng	93
9) Benzaldehyde	7.19	77	42960	10.605	ng	94
10) Phenol	7.24	94	48526	7.138	ng	88
11) bis(2-Chloroethyl)ether	7.48	93	38403	7.351	ng	95
12) 1,3-Dichlorobenzene	7.95	146	39832	7.238	ng	94
13) 1,4-Dichlorobenzene	8.09	146	38528	7.007	ng	95
14) 1,2-Dichlorobenzene	8.42	146	36824	7.085	ng	97
15) Benzyl Alcohol	8.29	79	38776	6.513	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	70070	7.100	ng	97
17) 2-Methylphenol	8.49	107	32985	7.081	ng	92
18) Hexachloroethane	9.15	117	16588	7.522	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	40297	7.816	ng	# 88
20) 3+4-Methylphenols	8.82	107	45034	6.940	ng	99
22) Acetophenone	8.88	105	66988	8.075	ng	99
24) Nitrobenzene	9.26	77	54690	8.264	ng	94
25) Isophorone	9.79	82	102443	7.443	ng	# 94
26) 2-Nitrophenol	9.97	139	15951	7.371	ng	87
27) 2,4-Dimethylphenol	10.03	122	35652	8.256	ng	93
28) bis(2-Chloroethoxy)methane	10.27	93	53247	6.871	ng	97
29) 2,4-Dichlorophenol	10.51	162	34172	6.955	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	40074	7.021	ng	93
31) Naphthalene	10.92	128	121573	7.623	ng	98
32) Benzoic acid	10.09	122	9955	3.287	ng	90
33) 4-Chloroaniline	11.01	127	53324	7.259	ng	95
34) Hexachlorobutadiene	11.22	225	26773	6.866	ng	96
35) Caprolactam	11.76	113	14617	7.126	ng	# 89
36) 4-Chloro-3-methylphenol	12.12	107	45326	7.284	ng	94
37) 2-Methylnaphthalene	12.52	142	94197	7.827	ng	94
38) 1-Methylnaphthalene	12.74	142	91823	8.071	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	48515	7.305	ng	98

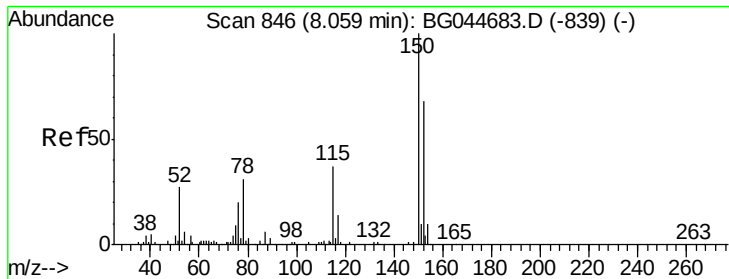
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044697.D
 Acq On : 6 Mar 2020 14:38
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Quant Time: Mar 07 04:47:52 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	29915	7.703	nq	87
43) 2,4,6-Trichlorophenol	13.12	196	30833	6.697	nq	92
44) 2,4,5-Trichlorophenol	13.19	196	32978	6.984	nq	96
46) 1,1'-Biphenyl	13.53	154	124404	7.646	nq	100
47) 2-Chloronaphthalene	13.57	162	92188	7.428	nq	99
48) 2-Nitroaniline	13.75	65	27820	6.646	nq	88
49) Acenaphthylene	14.42	152	154435	7.766	nq	99
50) Dimethylphthalate	14.15	163	125753	7.394	nq	97
51) 2,6-Dinitrotoluene	14.25	165	20955	6.857	nq	98
52) Acenaphthene	14.76	154	94105	7.319	nq	97
53) 3-Nitroaniline	14.57	138	24147	6.856	nq	93
54) 2,4-Dinitrophenol	14.77	184	8113	5.718	nq	# 1
55) Dibenzofuran	15.09	168	148222	7.693	nq	99
56) 4-Nitrophenol	14.87	139	20577	7.509	nq	# 83
57) 2,4-Dinitrotoluene	15.04	165	28124	6.887	nq	# 88
58) Fluorene	15.74	166	121356	7.616	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	30801	6.854	nq	# 90
60) Diethylphthalate	15.52	149	135879	7.473	nq	96
61) 4-Chlorophenyl-phenylether	15.74	204	63966	7.398	nq	98
62) 4-Nitroaniline	15.73	138	27198	7.011	nq	89
63) Azobenzene	16.03	77	147977	7.776	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	12386	6.592	nq	82
66) n-Nitrosodiphenylamine	15.94	169	110060	7.827	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	41101	7.086	nq	92
68) Hexachlorobenzene	16.75	284	45065	7.195	nq	95
69) Atrazine	16.90	200	46205	8.503	nq	93
70) Pentachlorophenol	17.09	266	23813	6.701	nq	# 83
71) Phenanthrene	17.48	178	202218	8.019	nq	96
72) Anthracene	17.57	178	205648	8.280	nq	99
73) Carbazole	17.84	167	191531	8.052	nq	93
74) Di-n-butylphthalate	18.41	149	233296	7.787	nq	96
75) Fluoranthene	19.49	202	247972	8.136	nq	96
77) Benzidine	19.66	184	141649	8.215	nq	97
78) Pyrene	19.85	202	249900	7.585	nq	97
80) Butylbenzylphthalate	20.75	149	102362	6.960	nq	100
81) Benzo(a)anthracene	21.70	228	247872	7.652	nq	96
82) 3,3'-Dichlorobenzidine	21.61	252	107040	8.299	nq	99
83) Chrysene	21.76	228	240035	7.785	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	156297	7.621	nq	99
85) Di-n-octyl phthalate	22.87	149	273091	7.754	nq	99
86) Indeno(1,2,3-cd)pyrene	28.60	276	319215	7.839	nq	# 92
88) Benzo(b)fluoranthene	23.92	252	255179	7.788	nq	97
89) Benzo(k)fluoranthene	23.98	252	246744	8.034	nq	98
90) Benzo(a)pyrene	24.79	252	230799	7.563	nq	96
91) Dibenzo(a,h)anthracene	28.68	278	266743	8.766	nq	95
92) Benzo(g,h,i)perylene	29.73	276	274996	9.022	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

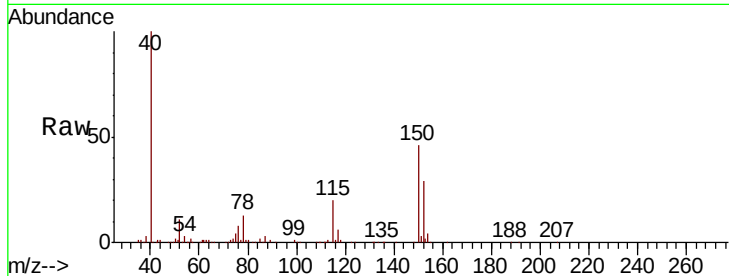
Tot Ion:152 Resp: 68572

Ion Ratio Lower Upper

152 100

150 158.4 118.6 177.8

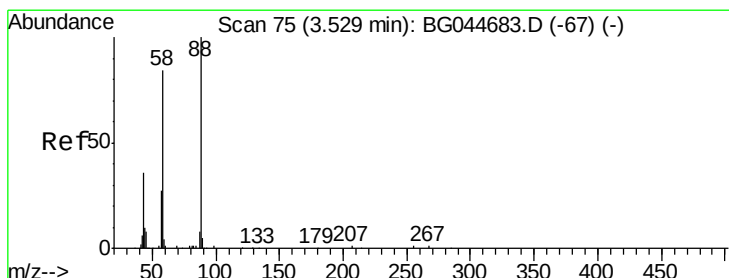
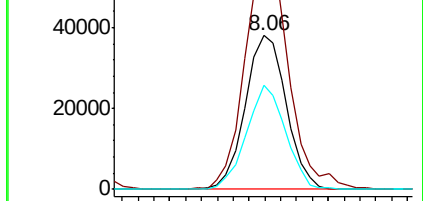
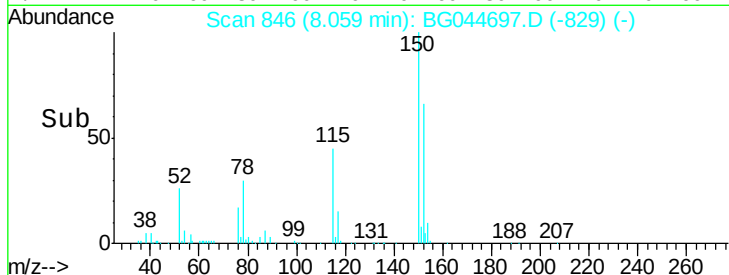
115 68.1 43.6 65.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.224 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

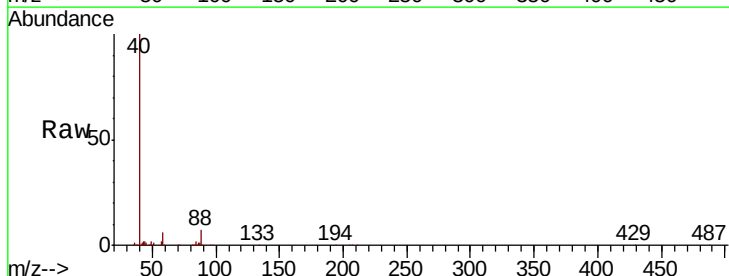
Tgt Ion: 88 Resp: 15810

Ion Ratio Lower Upper

88 100

58 83.3 66.6 99.8

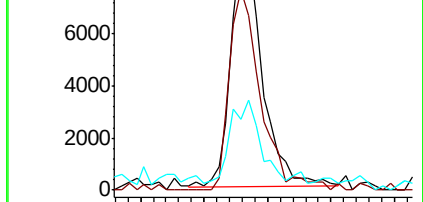
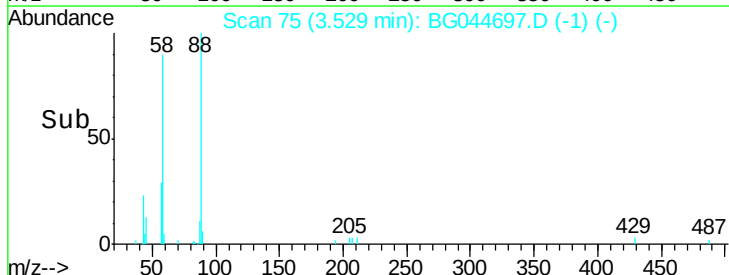
43 34.2 27.4 41.2

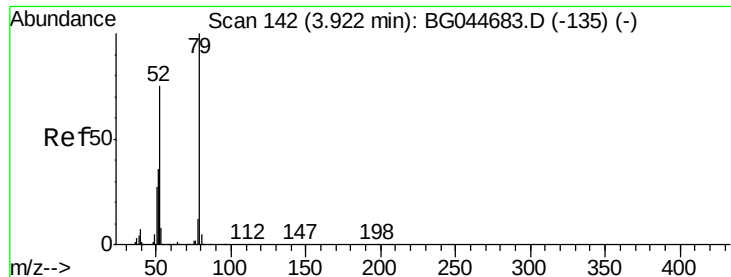


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

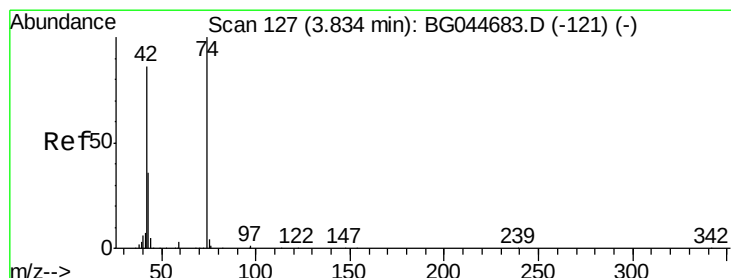
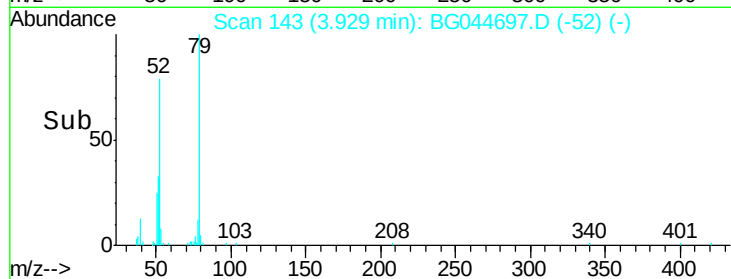
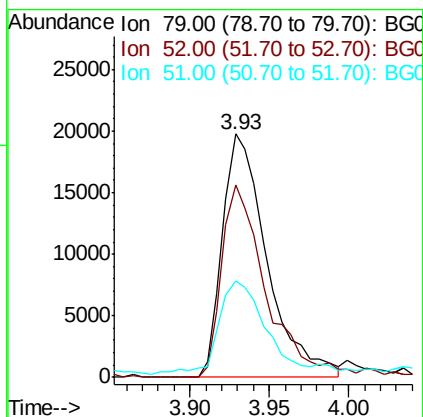
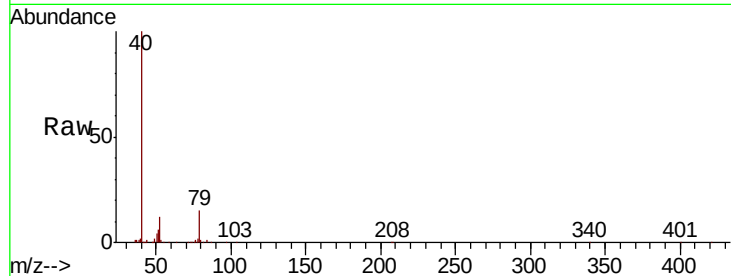




#3
 Pvridine
 Concen: 5.679 ng
 RT: 3.93 min Scan# 143
 Delta R.T. 0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

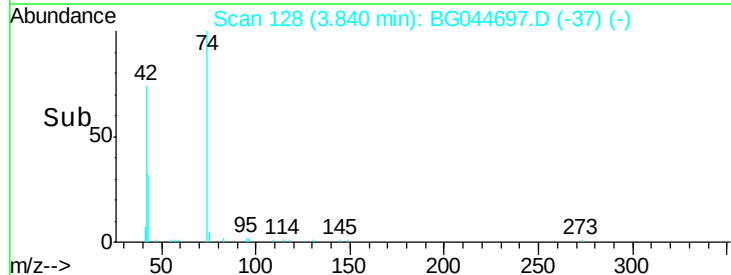
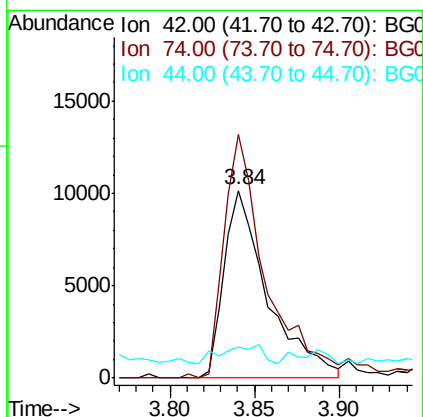
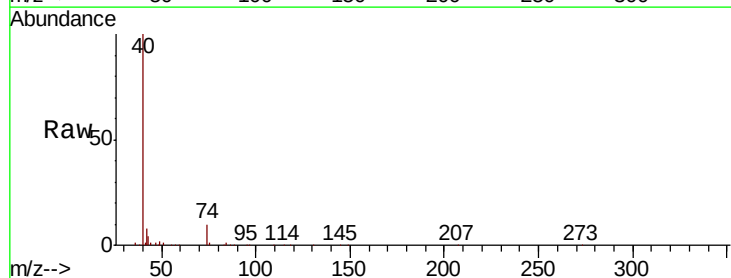
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

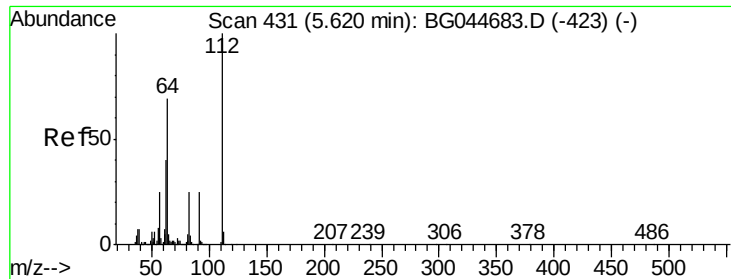
Tot Ion: 79 Resp: 38536
 Ion Ratio Lower Upper
 79 100
 52 78.8 59.9 89.9
 51 39.4 29.3 43.9



#4
 n-Nitrosodimethylamine
 Concen: 6.360 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion: 42 Resp: 18255
 Ion Ratio Lower Upper
 42 100
 74 129.7 93.4 140.2
 44 16.3 8.9 13.3#





#5

2-Fluorophenol

Concen: 140.576 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

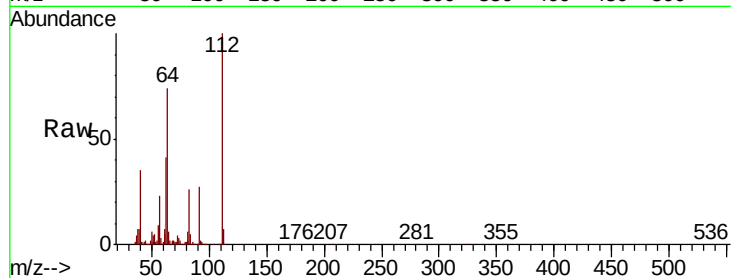
Tot Ion:112 Resp: 641854

Ion Ratio Lower Upper

112 100

64 74.0 55.4 83.0

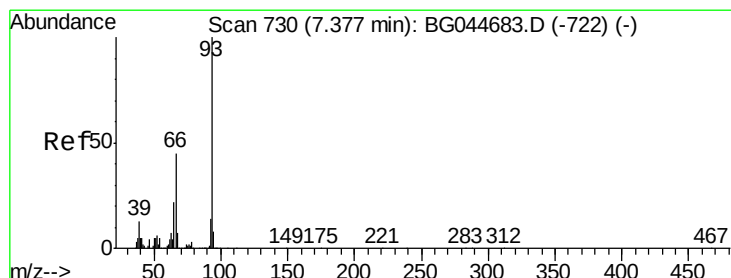
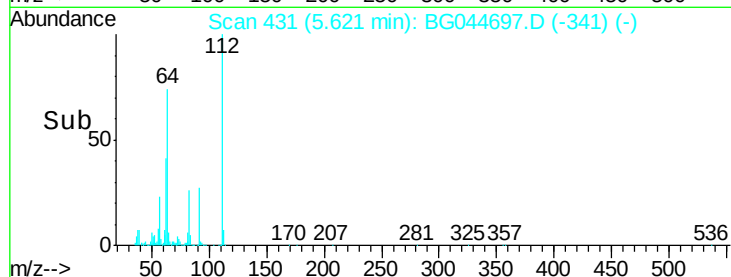
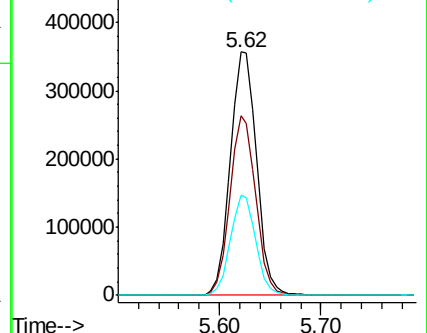
63 40.9 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.369 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

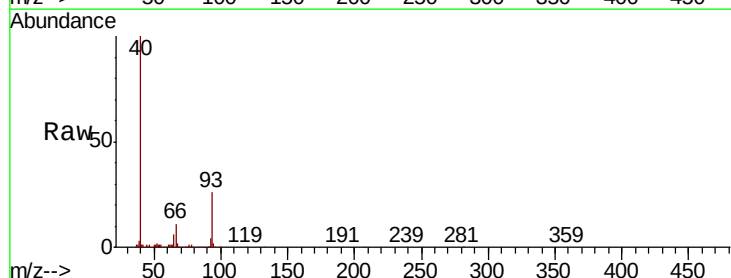
Tgt Ion: 93 Resp: 63707

Ion Ratio Lower Upper

93 100

66 42.5 35.8 53.8

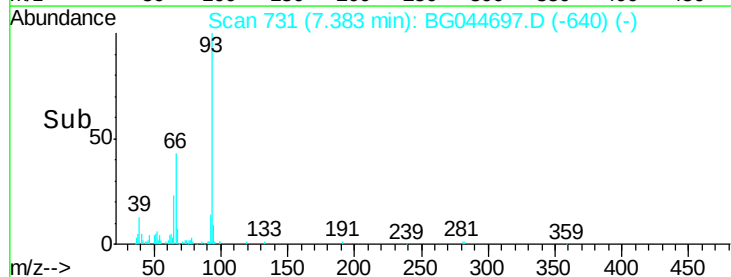
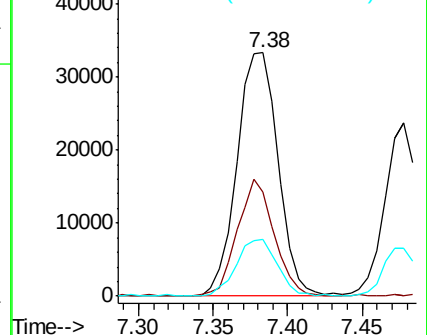
65 23.4 17.9 26.9

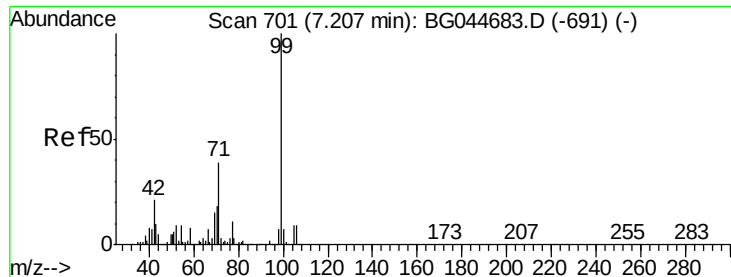


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.286 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

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BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

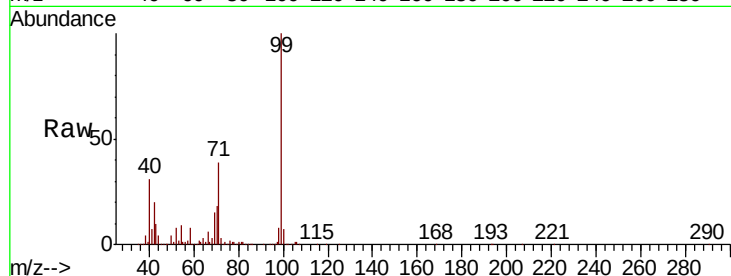
Tot Ion: 99 Resp: 947485

Ion Ratio Lower Upper

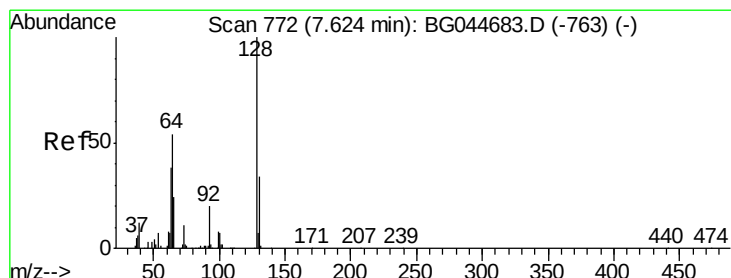
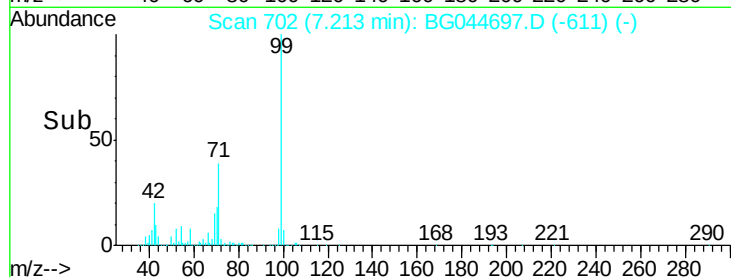
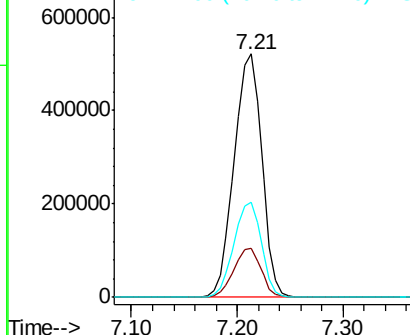
99 100

42 20.0 16.5 24.7

71 38.9 30.9 46.3



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



#8

2-Chlorophenol

Concen: 7.261 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

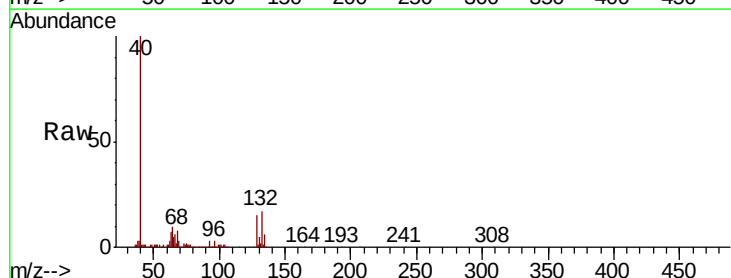
Tgt Ion:128 Resp: 33600

Ion Ratio Lower Upper

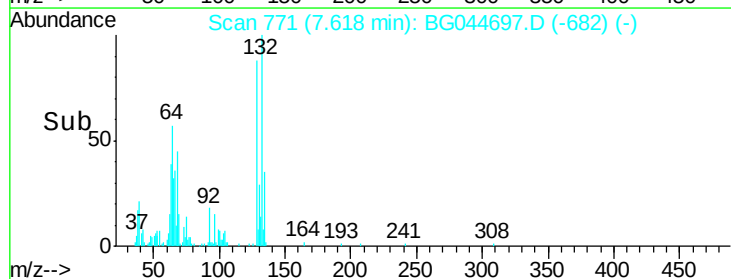
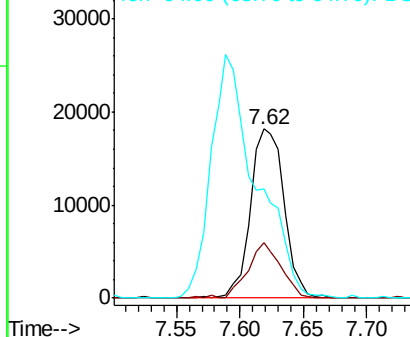
128 100

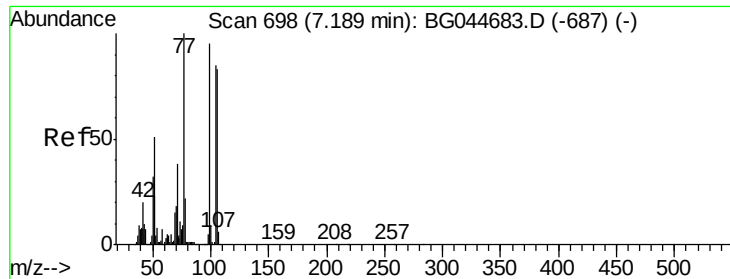
130 32.9 14.0 54.0

64 64.4 37.6 77.6



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





#9

Benzaldehyde

Concen: 10.605 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

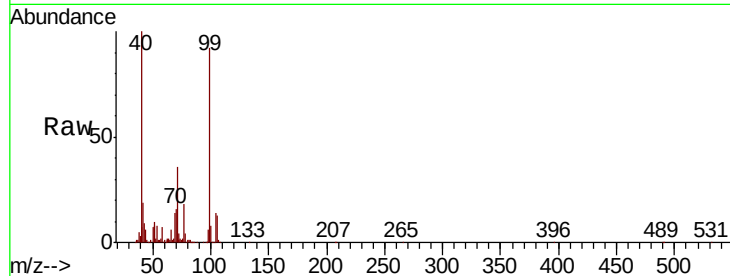
Tot Ion: 77 Resp: 42960

Ion Ratio Lower Upper

77 100

105 81.5 65.1 105.1

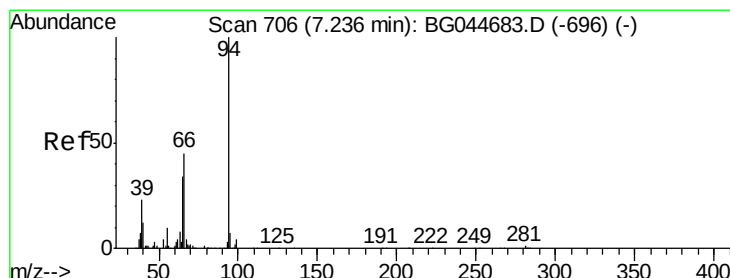
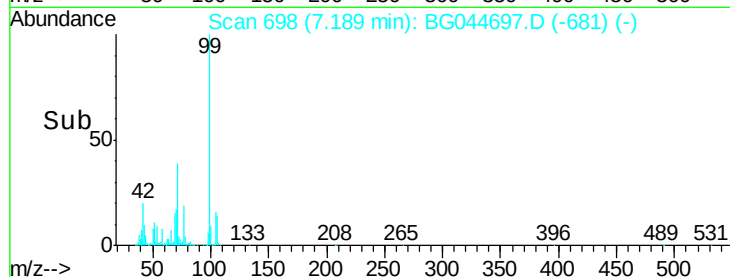
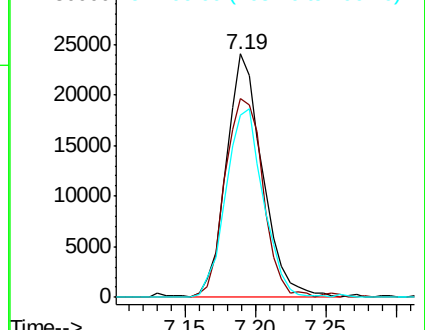
106 75.0 63.1 103.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 7.138 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

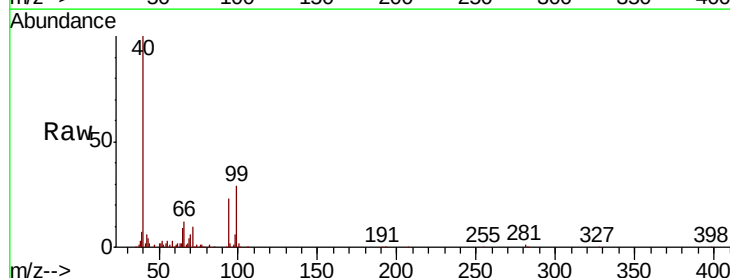
Tgt Ion: 94 Resp: 48526

Ion Ratio Lower Upper

94 100

65 40.4 13.5 53.5

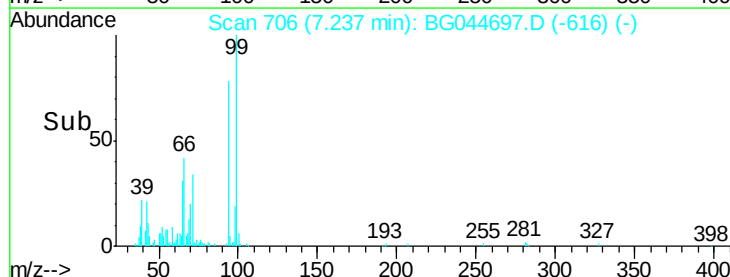
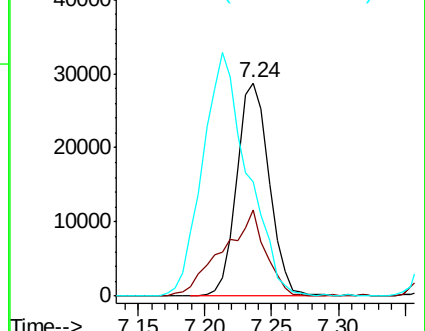
66 53.8 25.8 65.8

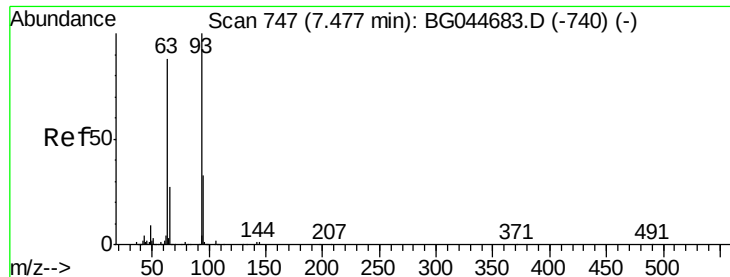


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

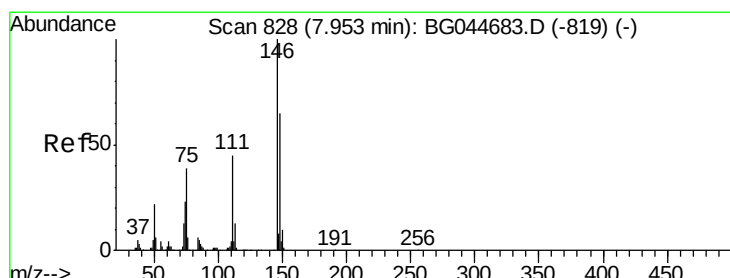
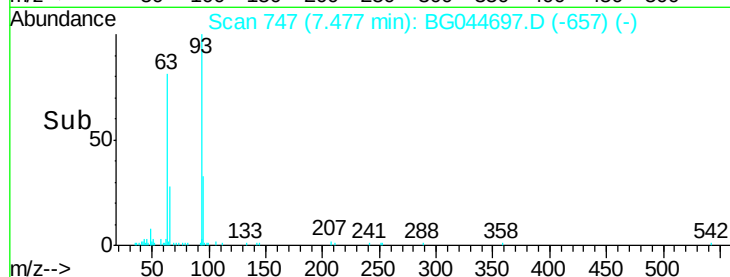
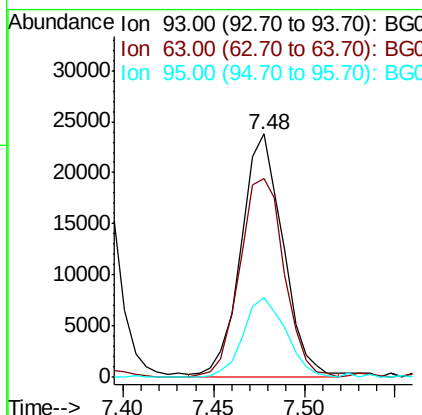
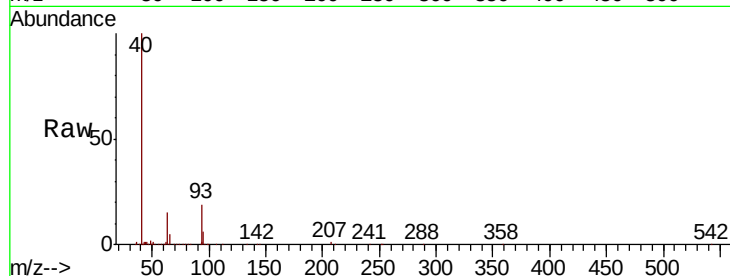




#11
bis(2-Chloroethyl)ether
Concen: 7.351 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

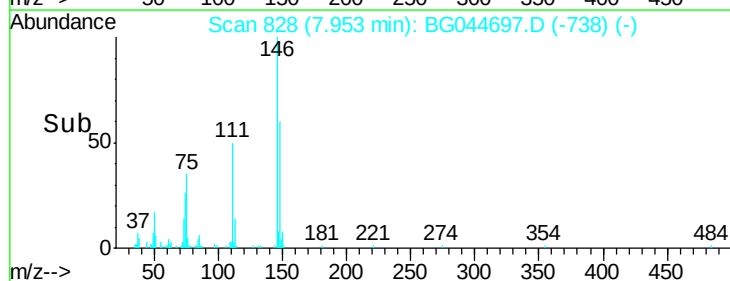
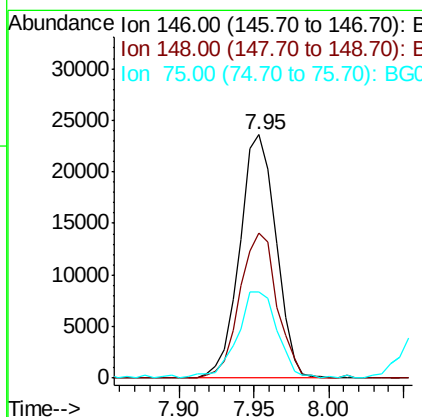
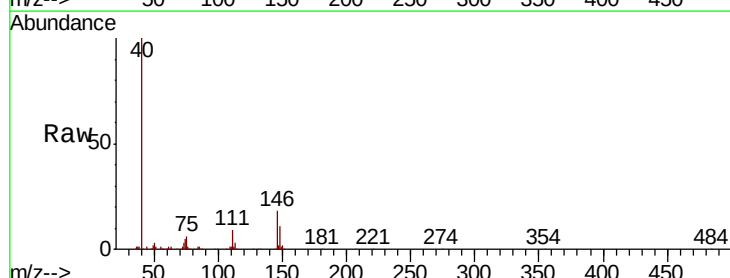
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

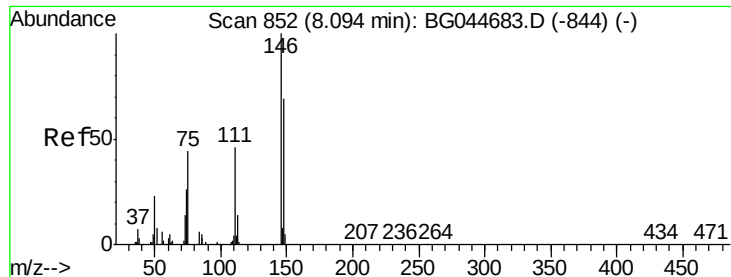
Tot Ion: 93 Resp: 38403
Ion Ratio Lower Upper
93 100
63 81.4 67.8 107.8
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 7.238 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion: 146 Resp: 39832
Ion Ratio Lower Upper
146 100
148 59.6 51.9 77.9
75 35.5 31.0 46.6

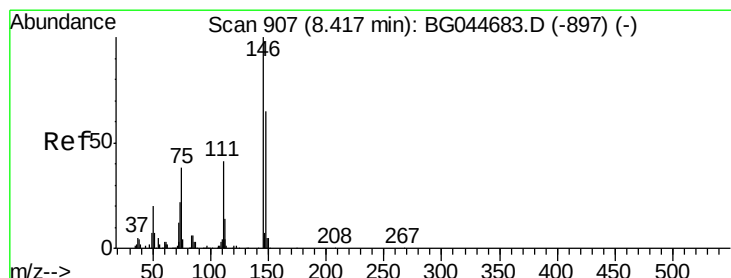
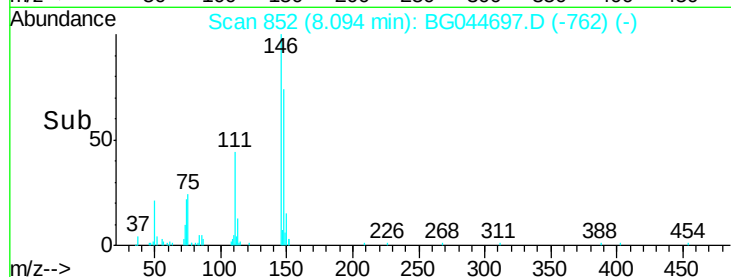
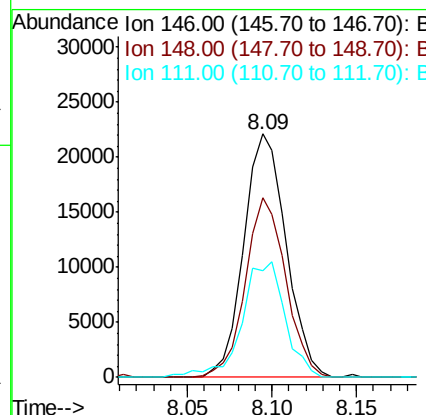
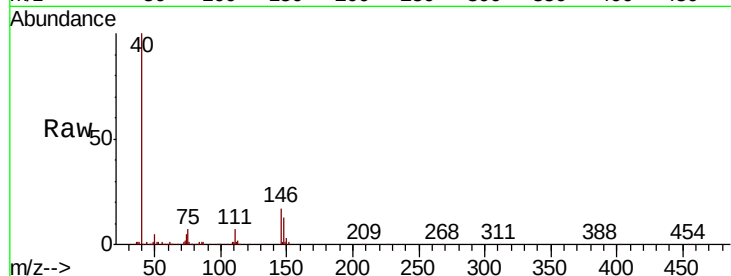




#13
 1,4-Dichlorobenzene
 Concen: 7.007 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

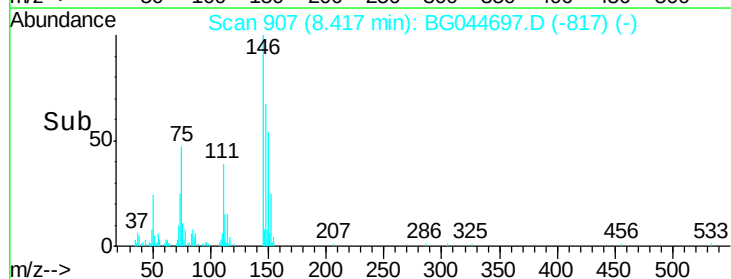
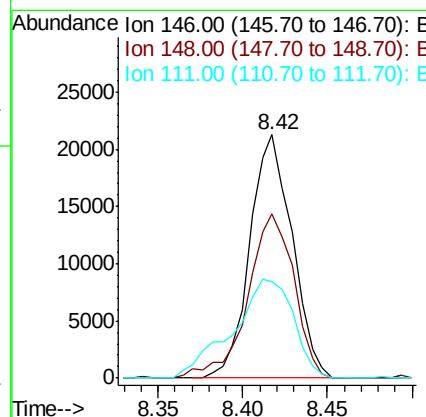
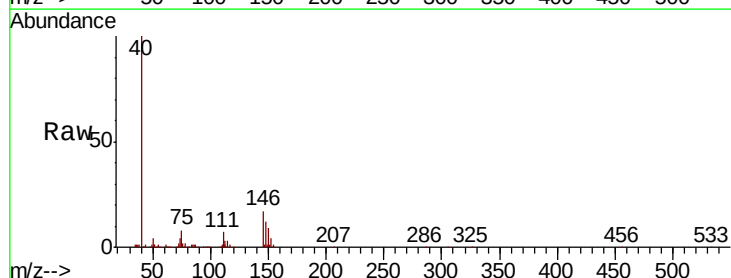
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

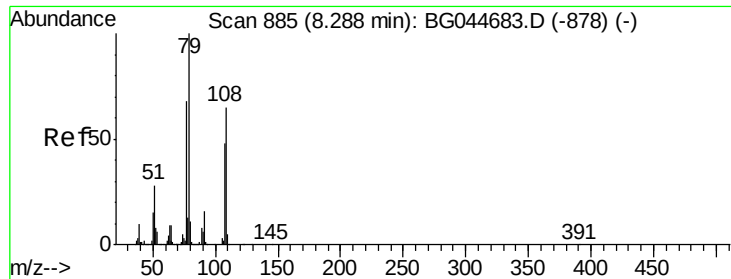
Tot Ion	Ratio	Lower	Upper
146	100		
148	73.6	55.0	82.4
111	44.0	37.2	55.8



#14
 1,2-Dichlorobenzene
 Concen: 7.085 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.8
111	39.4	33.4	50.0

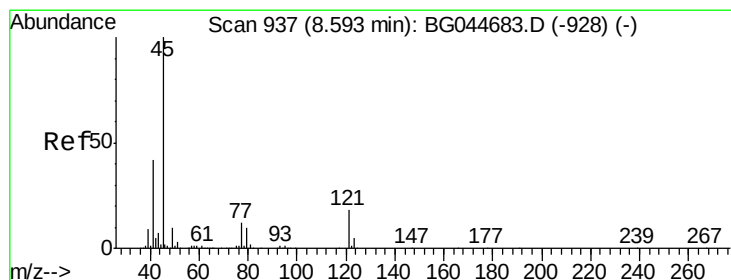
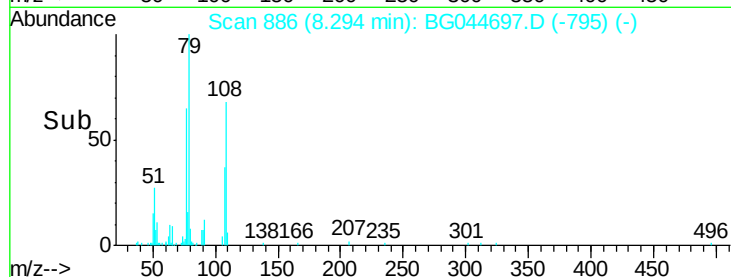
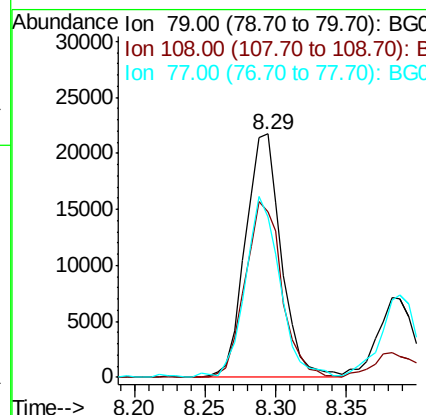
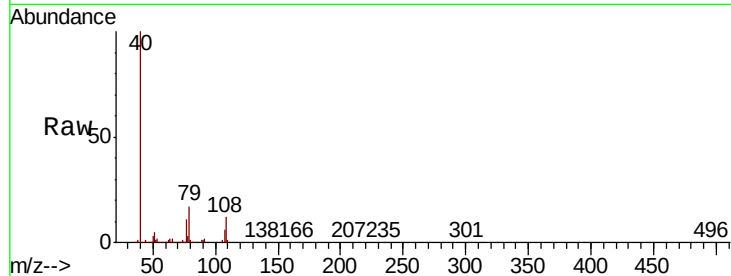




#15
Benzyl Alcohol
Concen: 6.513 ng
RT: 8.29 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

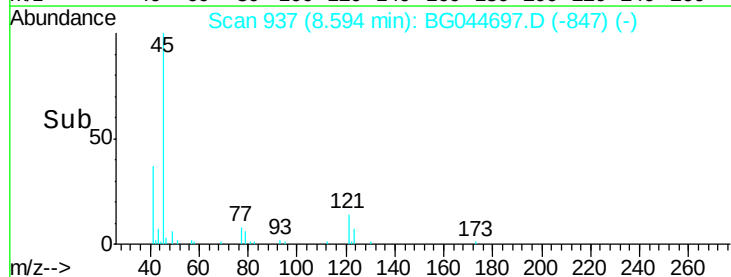
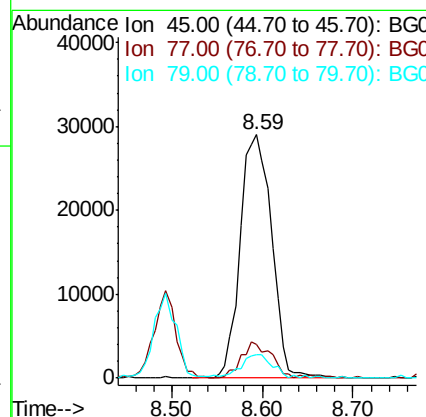
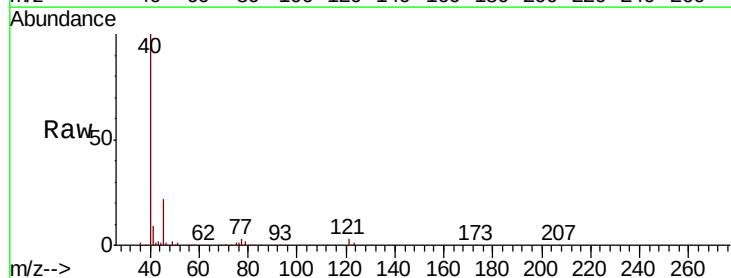
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

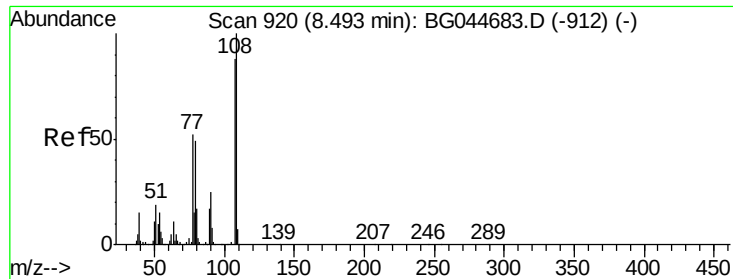
Tot Ion: 79 Resp: 38776
Ion Ratio Lower Upper
79 100
108 68.2 52.2 78.4
77 66.0 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.100 ng
RT: 8.59 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion: 45 Resp: 70070
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.1
79 9.6 0.0 29.9





#17

2-Methylphenol

Concen: 7.081 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:107 Resp: 32985

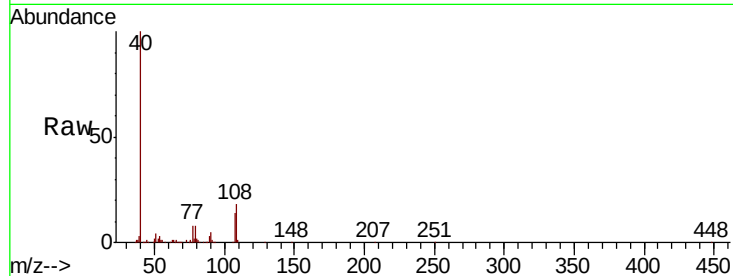
Ion Ratio Lower Upper

107 100

108 128.6 90.5 135.7

77 58.1 47.3 70.9

79 56.1 44.6 67.0

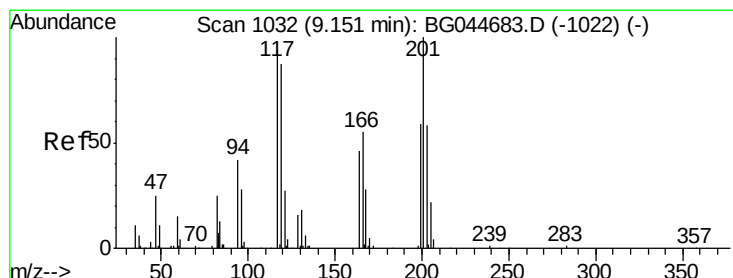
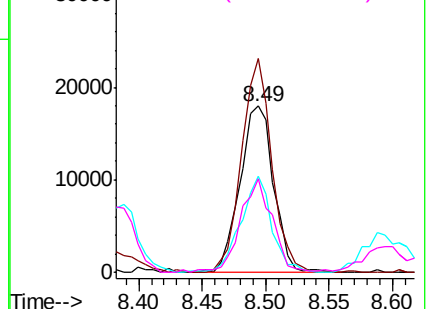
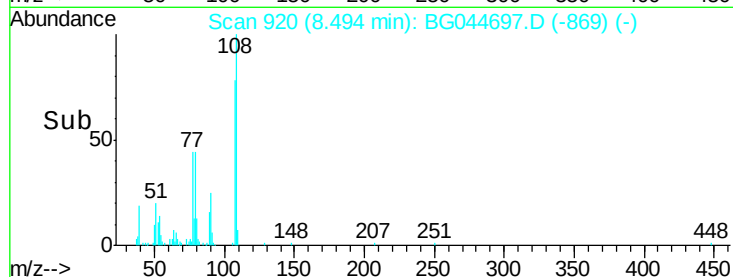


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 7.522 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

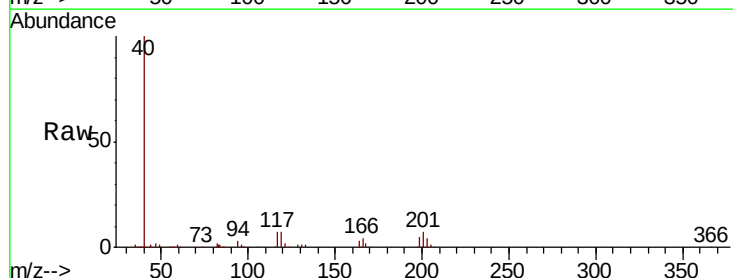
Tgt Ion:117 Resp: 16588

Ion Ratio Lower Upper

117 100

119 94.1 74.5 111.7

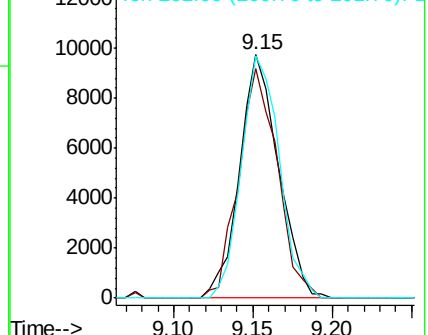
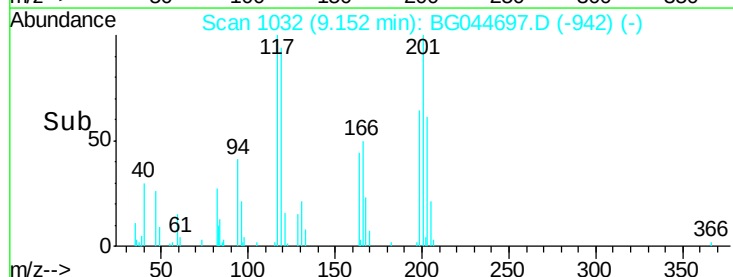
201 99.8 85.5 128.3

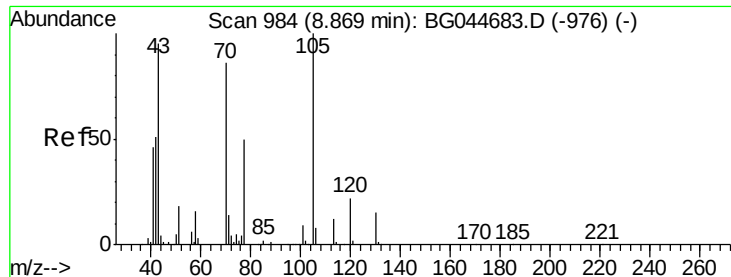


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

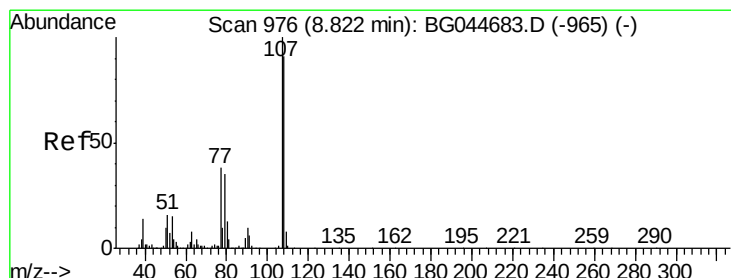
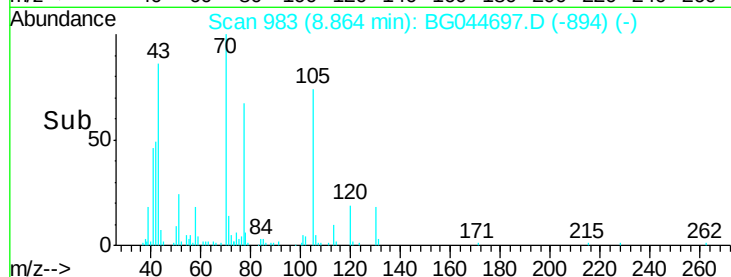
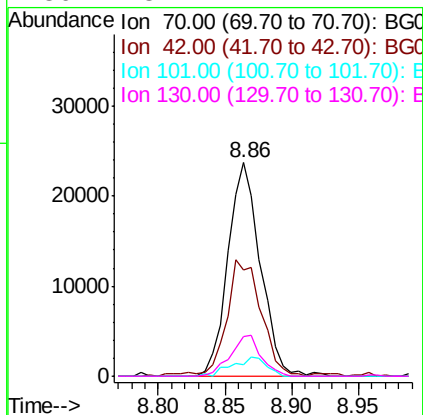
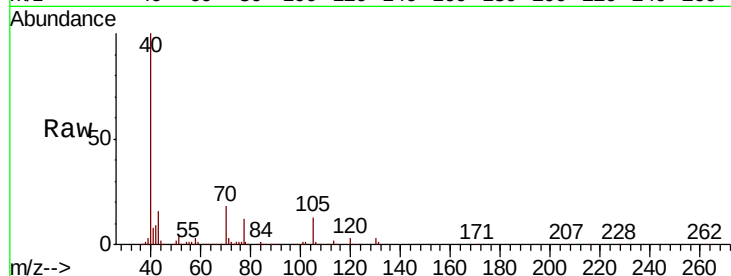




#19
n-Nitroso-di-n-propylamine
Concen: 7.816 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

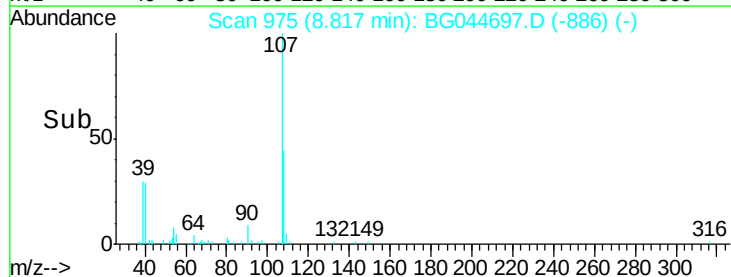
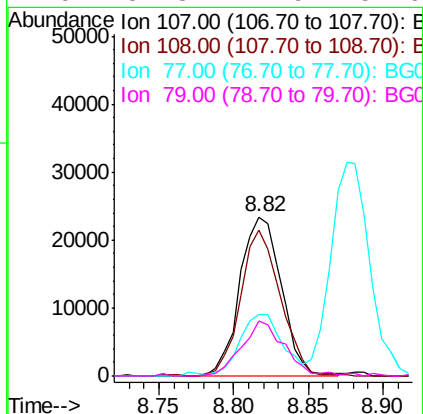
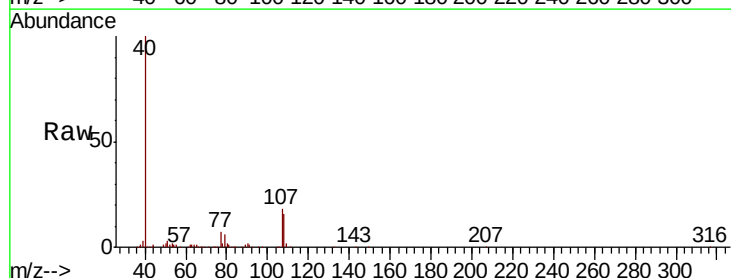
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

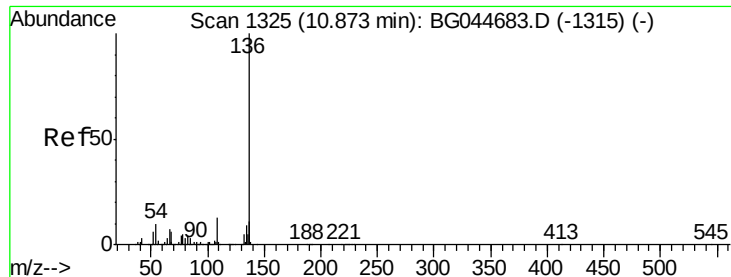
Tot Ion:	70	Resp:	40297
Ion	Ratio	Lower	Upper
70	100		
42	49.7	48.9	73.3
101	5.1	8.0	12.0#
130	18.4	14.1	21.1



#20
3+4-Methylphenols
Concen: 6.940 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:	107	Resp:	45034
Ion	Ratio	Lower	Upper
107	100		
108	92.0	70.8	110.8
77	38.6	17.8	57.8
79	34.8	14.9	54.9

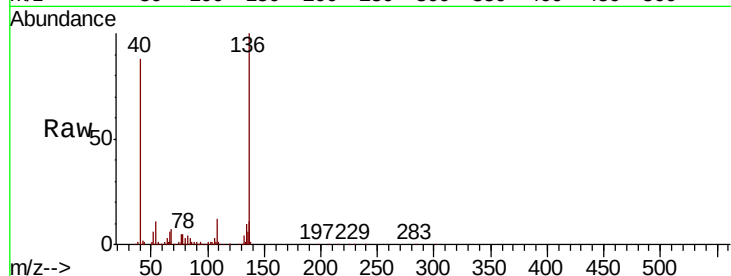




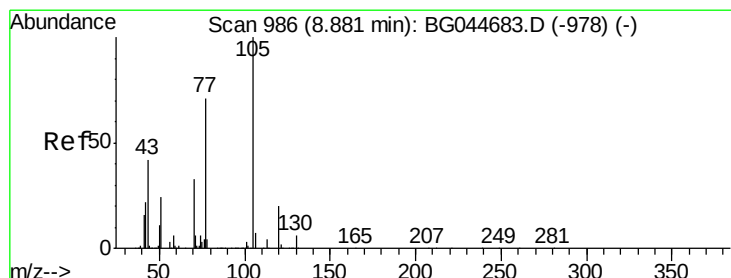
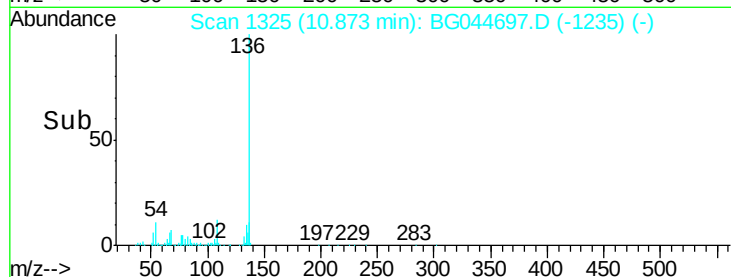
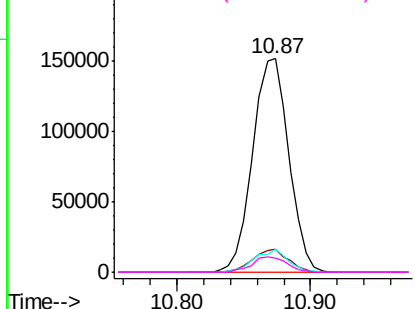
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:136	Resp:	284184
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	12.8
54 10.6	8.2	12.4
68 6.9	5.3	7.9

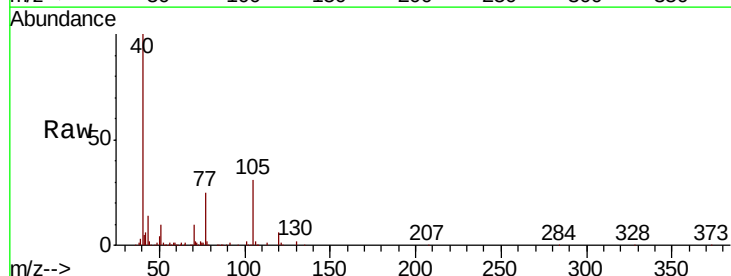


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

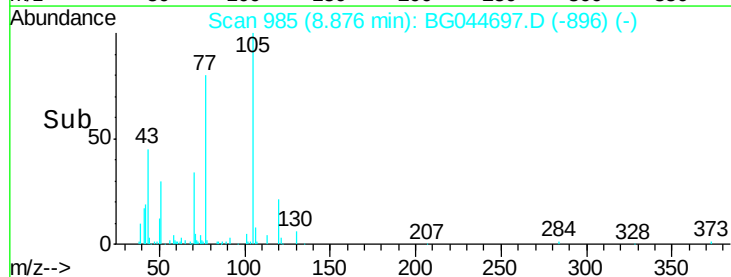
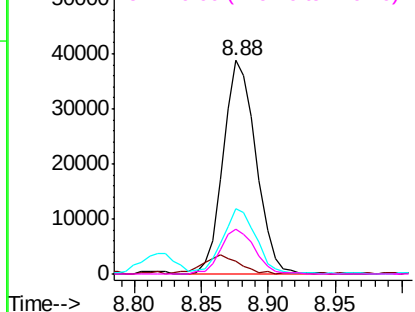


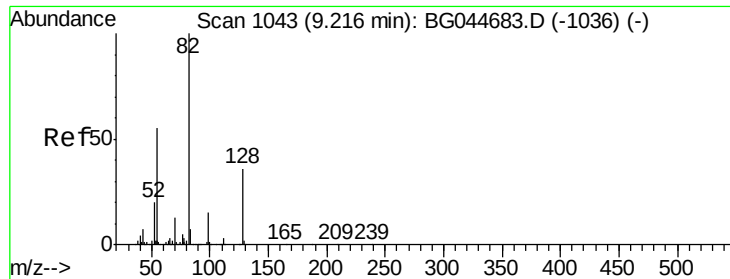
#22
Acetophenone
Concen: 8.075 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt	Ion:105	Resp:	66988
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.8	7.2
51	30.8	24.0	36.0
120	20.9	16.2	24.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

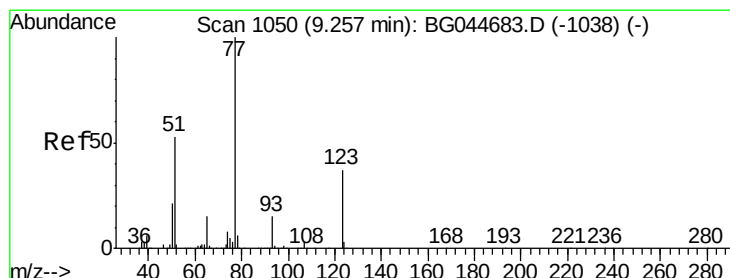
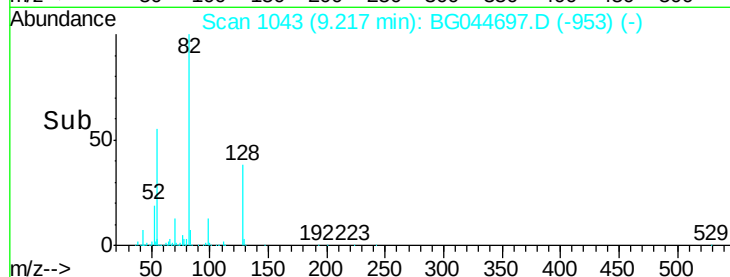
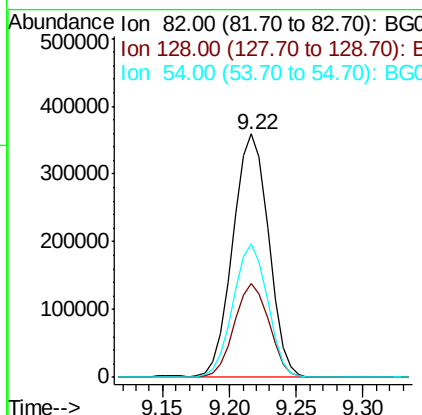
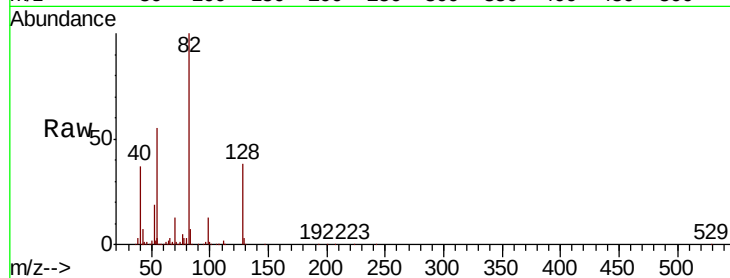




#23
 Nitrobenzene-d5
 Concen: 106.741 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

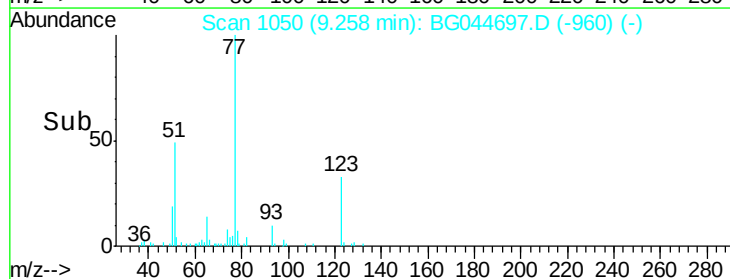
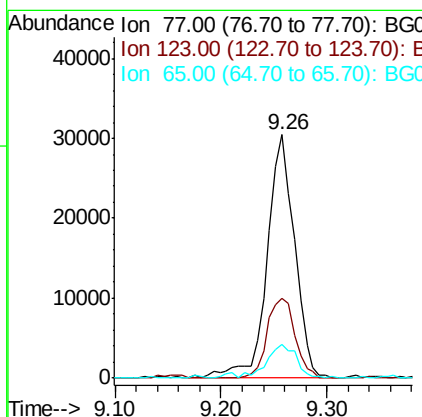
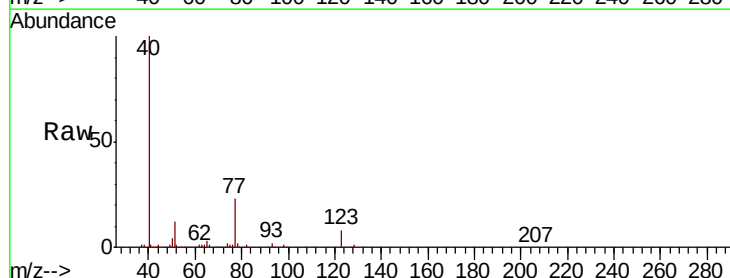
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

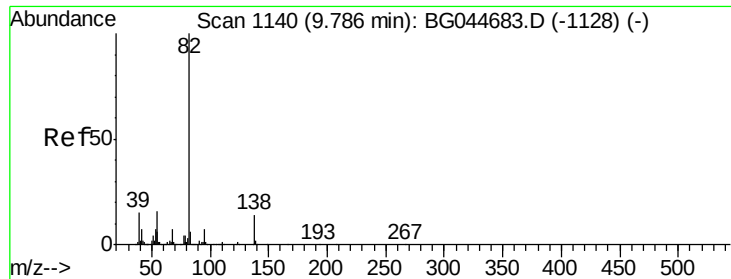
Tot Ion: 82 Resp: 666233
 Ion Ratio Lower Upper
 82 100
 128 38.4 28.5 42.7
 54 55.1 43.6 65.4



#24
 Nitrobenzene
 Concen: 8.264 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion: 77 Resp: 54690
 Ion Ratio Lower Upper
 77 100
 123 33.0 29.7 44.5
 65 13.6 11.7 17.5





#25

Isophorone

Concen: 7.443 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

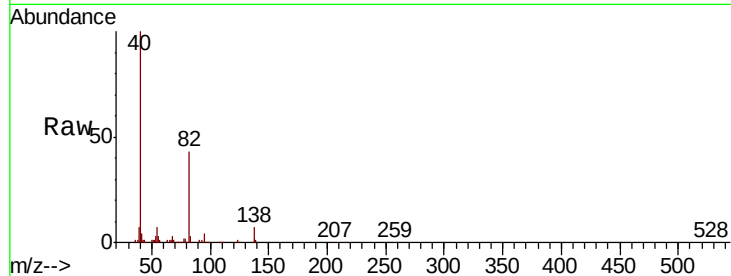
Tot Ion: 82 Resp: 102443

Ion Ratio Lower Upper

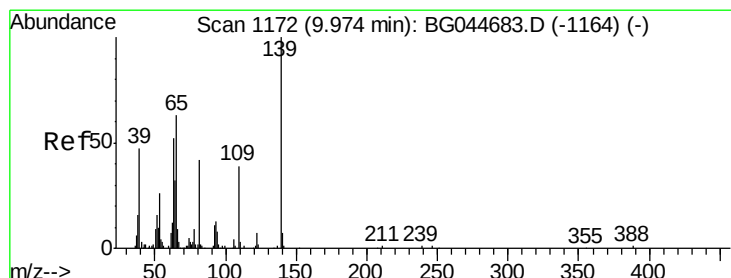
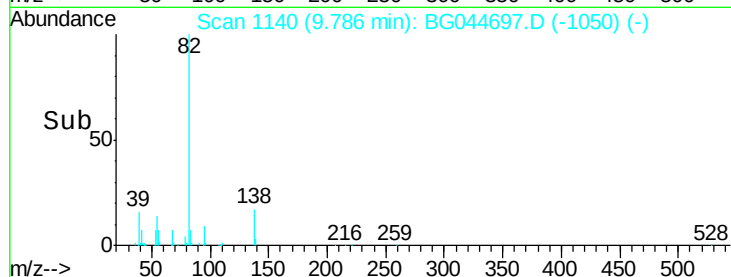
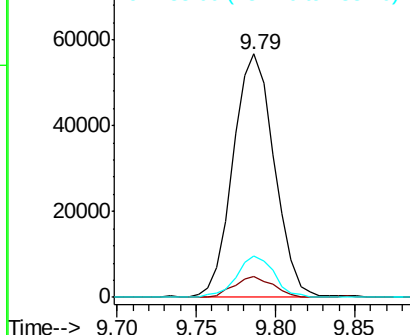
82 100

95 8.5 6.0 9.0

138 16.8 11.2 16.8#



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



#26

2-Nitrophenol

Concen: 7.371 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

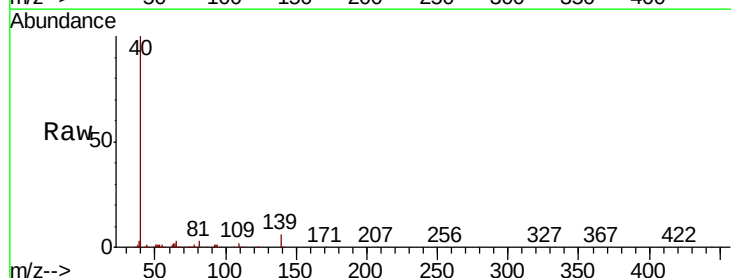
Tgt Ion: 139 Resp: 15951

Ion Ratio Lower Upper

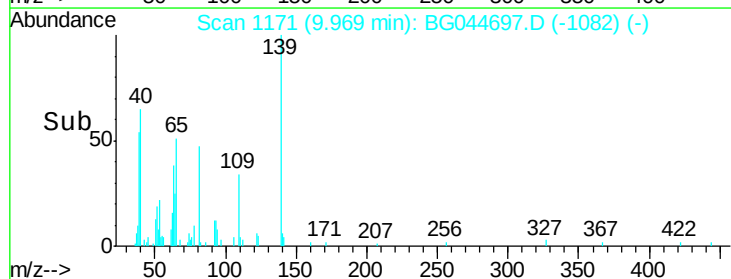
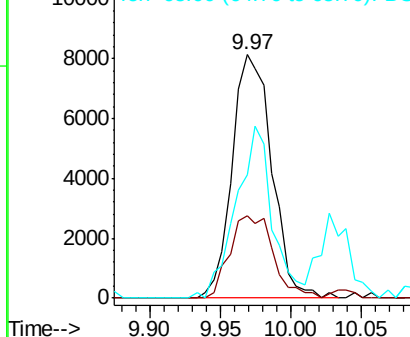
139 100

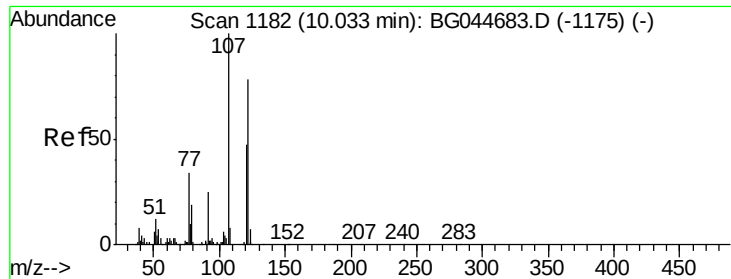
109 34.1 31.1 46.7

65 50.5 50.2 75.4



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

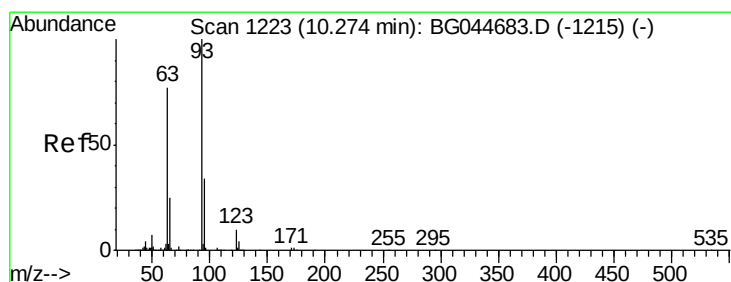
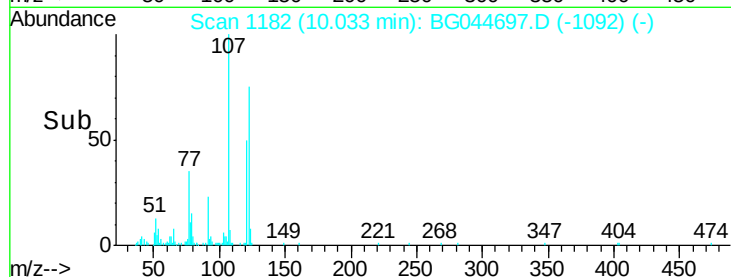
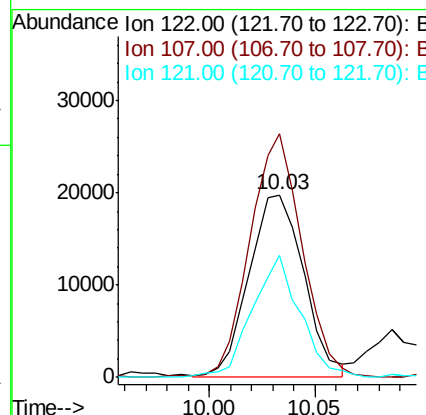
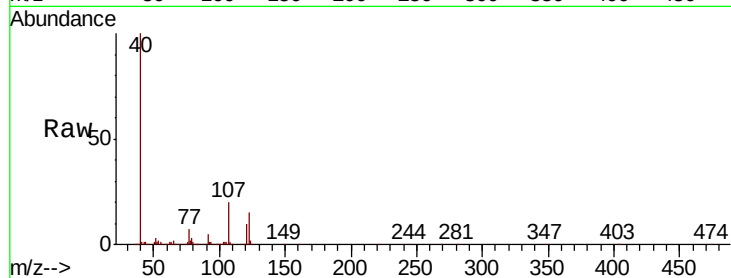




#27
2,4-Dimethylphenol
Concen: 8.256 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

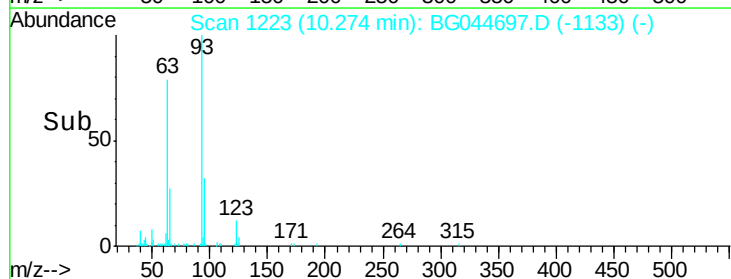
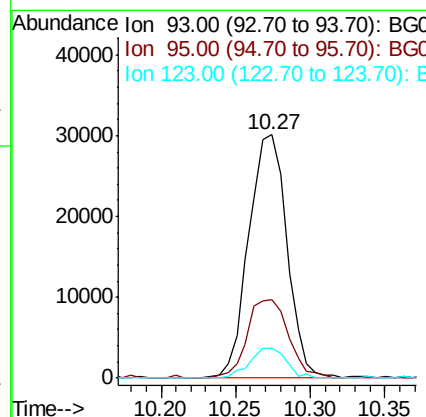
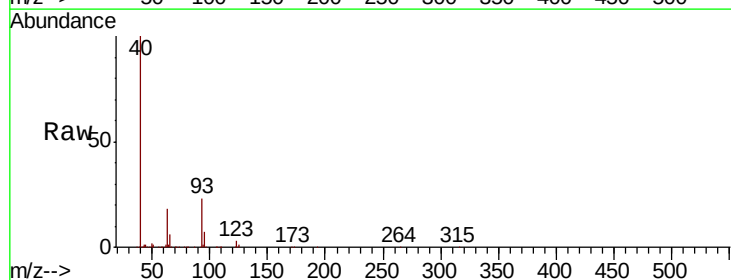
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

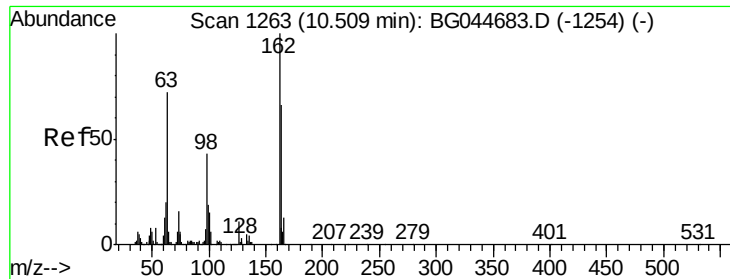
Tot Ion:122 Resp: 35652
Ion Ratio Lower Upper
122 100
107 133.6 101.7 152.5
121 66.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 6.871 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion: 93 Resp: 53247
Ion Ratio Lower Upper
93 100
95 32.3 27.0 40.6
123 12.3 8.3 12.5

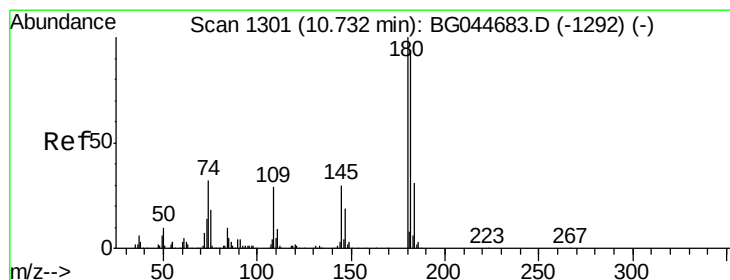
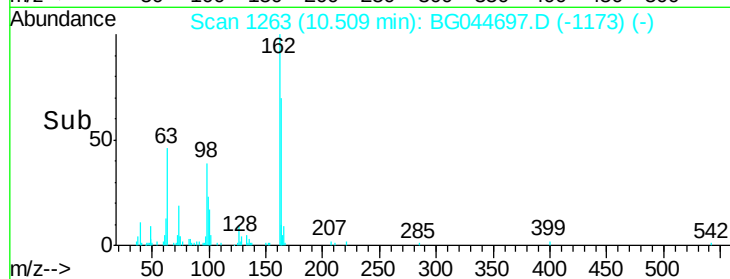
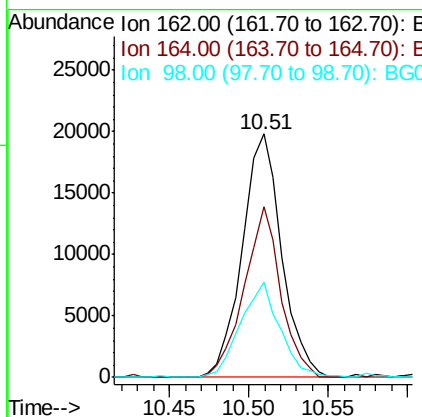
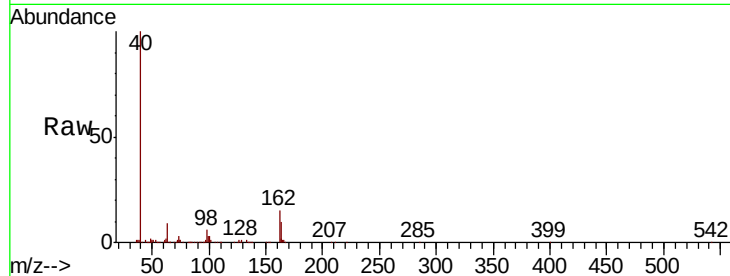




#29
 2,4-Dichlorophenol
 Concen: 6.955 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

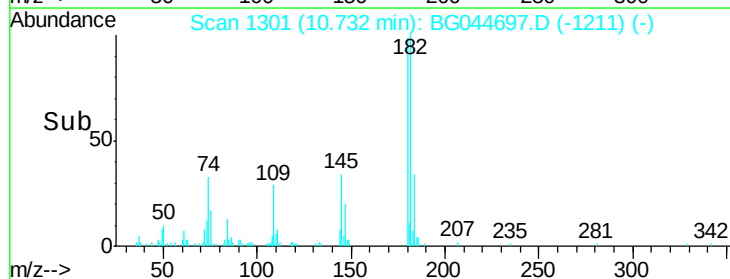
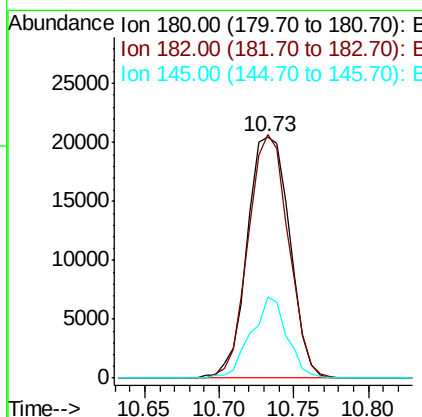
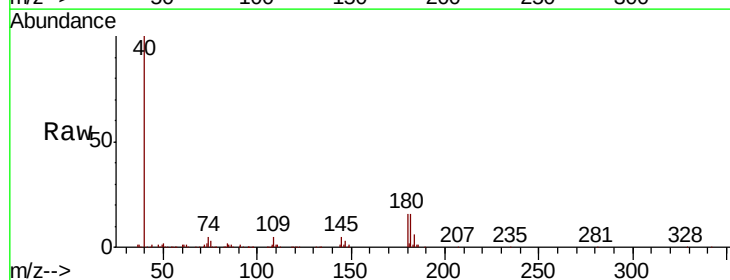
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

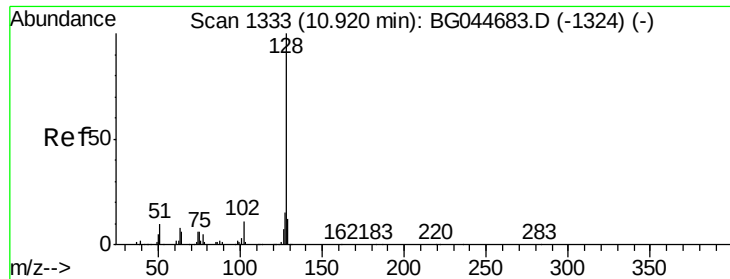
Tot Ion	Ratio	Lower	Upper
162	100		
164	70.0	46.1	86.1
98	39.1	22.8	62.8



#30
 1,2,4-Trichlorobenzene
 Concen: 7.021 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	75.1	112.7
145	33.8	23.8	35.8

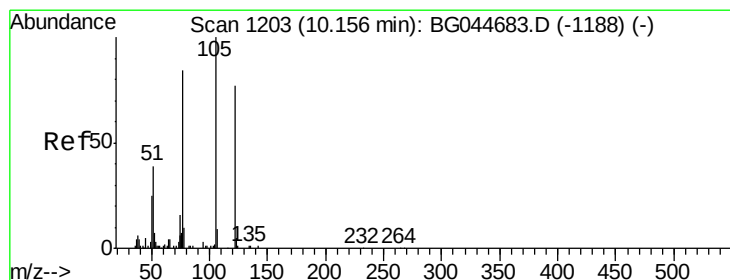
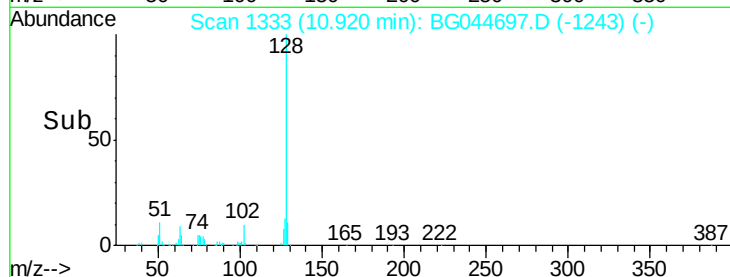
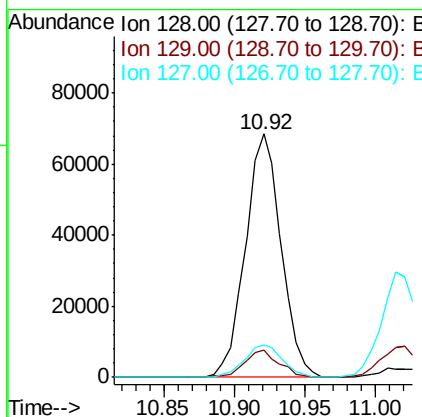
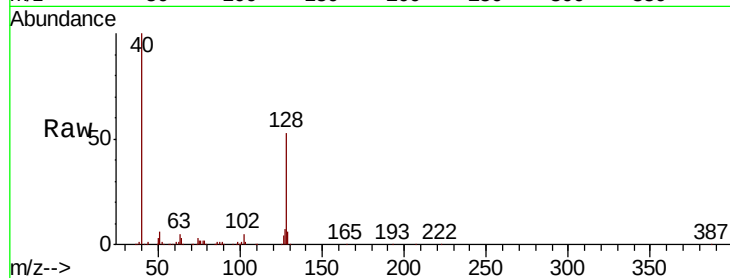




#31
Naphthalene
Concen: 7.623 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

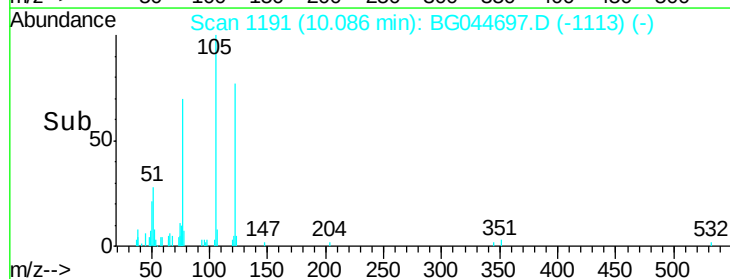
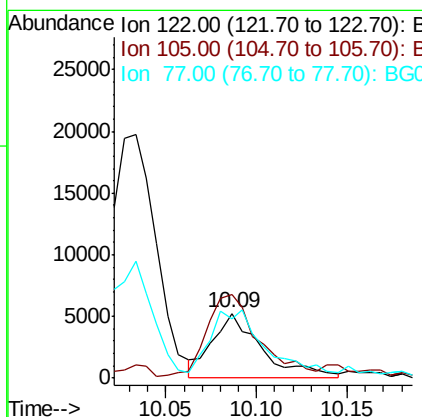
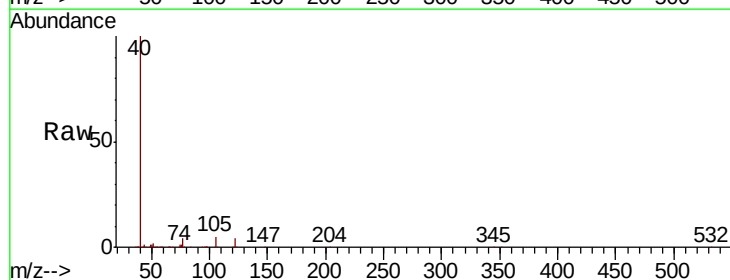
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

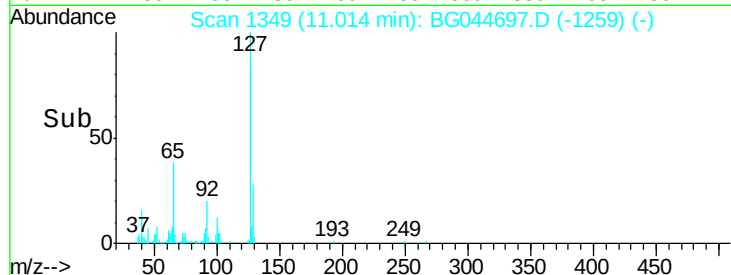
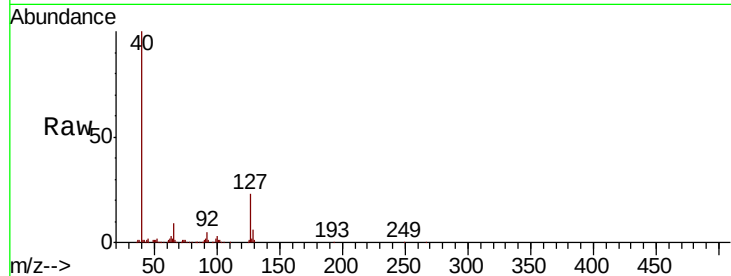
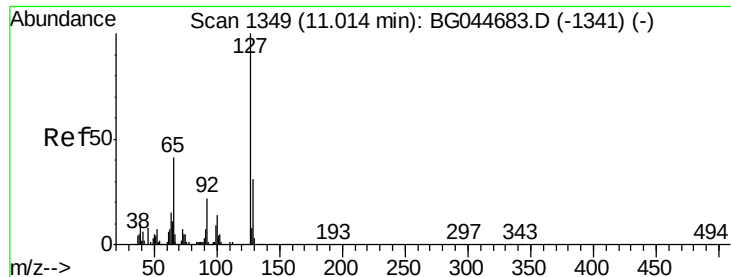
Tot Ion:128 Resp: 121573
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 3.287 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.07 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:122 Resp: 9955
Ion Ratio Lower Upper
122 100
105 130.6 105.1 145.1
77 91.8 87.7 127.7

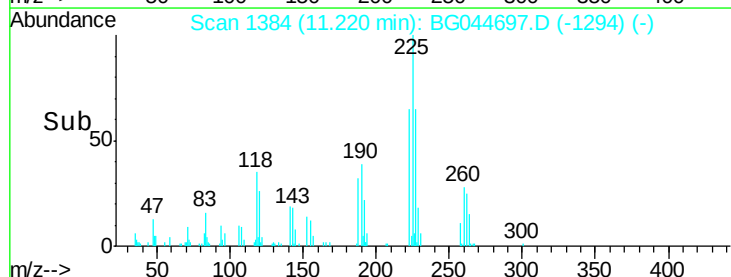
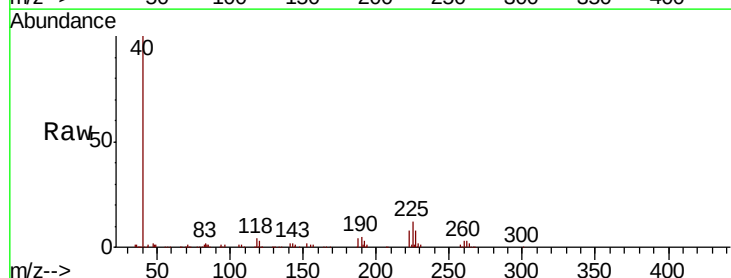
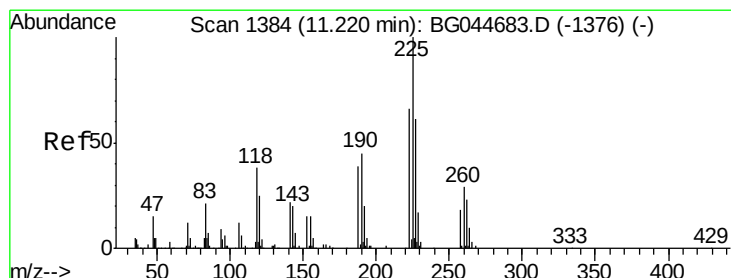
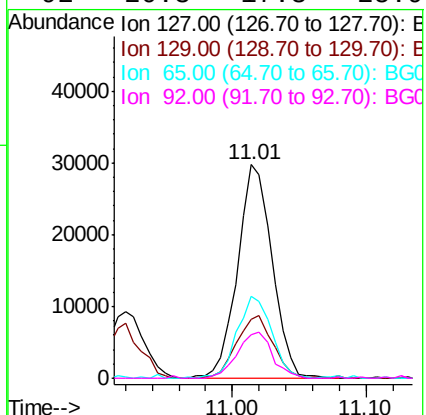




#33
4-Chloroaniline
Concen: 7.259 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

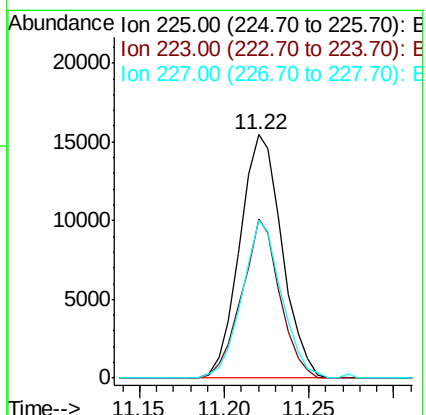
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

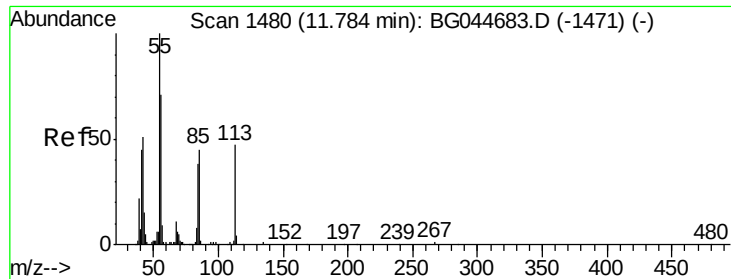
Tot Ion:127	Resp:	53324	
Ion Ratio	Lower	Upper	
127 100			
129 27.7	25.0	37.4	
65 38.2	32.7	49.1	
92 20.3	17.3	25.9	



#34
Hexachlorobutadiene
Concen: 6.866 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt	Ion:225	Resp:	26773
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.4	78.6
227	67.2	48.7	73.1

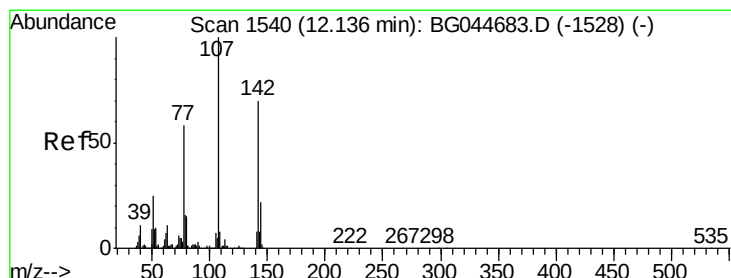
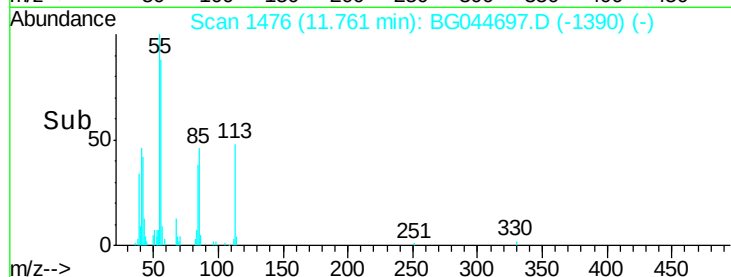
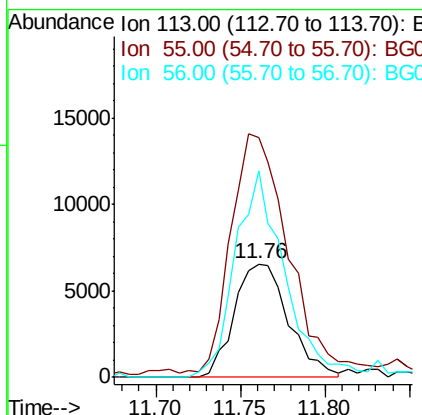
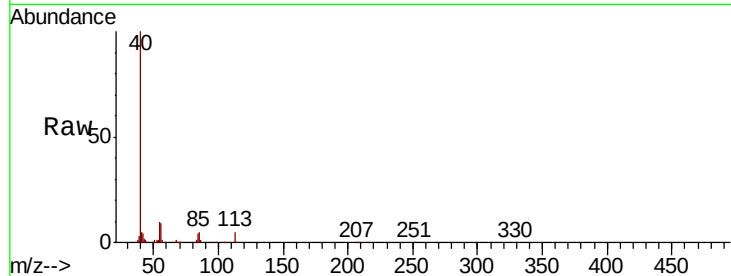




#35
 Caprolactam
 Concen: 7.126 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

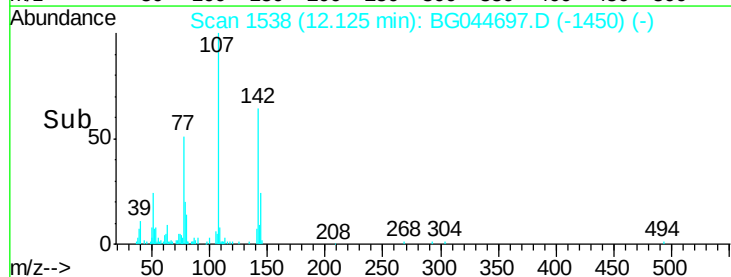
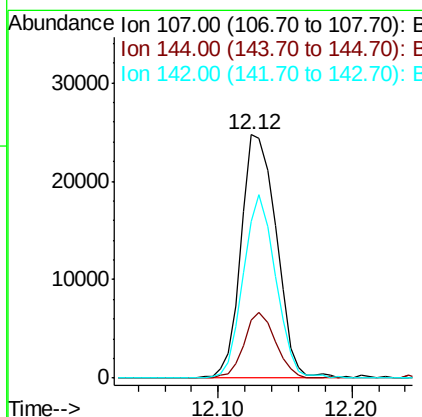
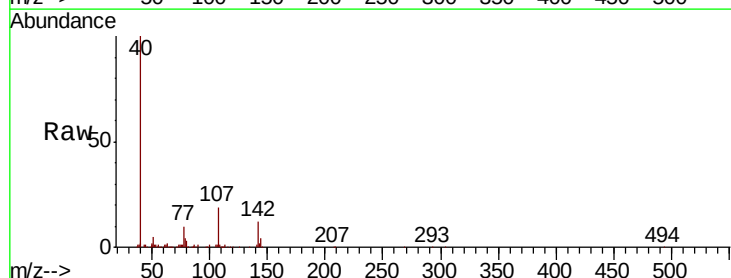
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

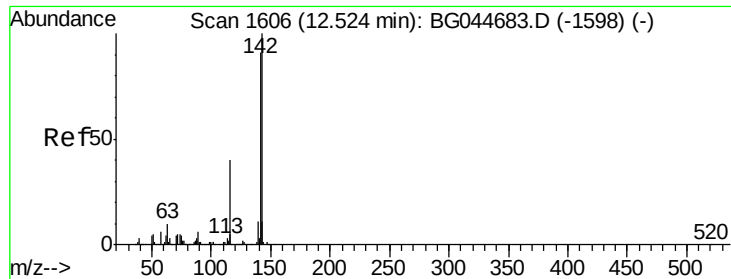
Tot Ion:113 Resp: 14617
 Ion Ratio Lower Upper
 113 100
 55 210.7 194.3 234.3
 56 181.8 131.4 171.4#



#36
 4-Chloro-3-methylphenol
 Concen: 7.284 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion:107 Resp: 45326
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.9 26.9
 142 64.5 55.8 83.8

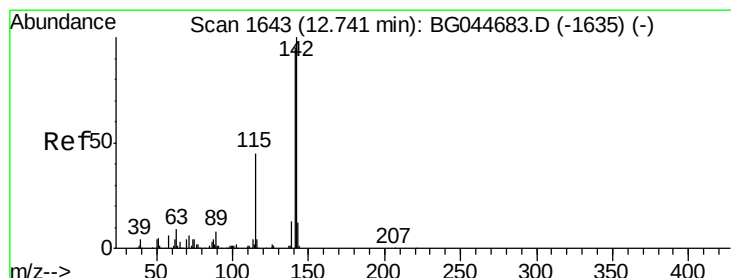
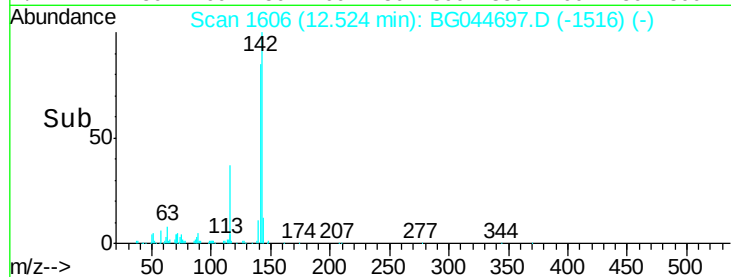
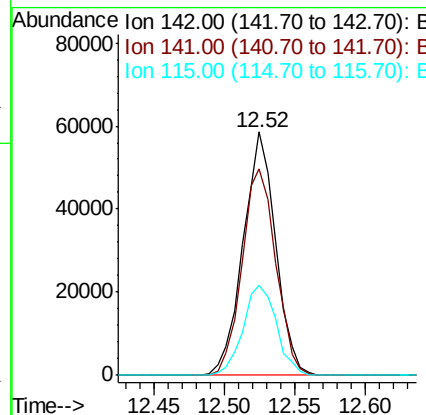
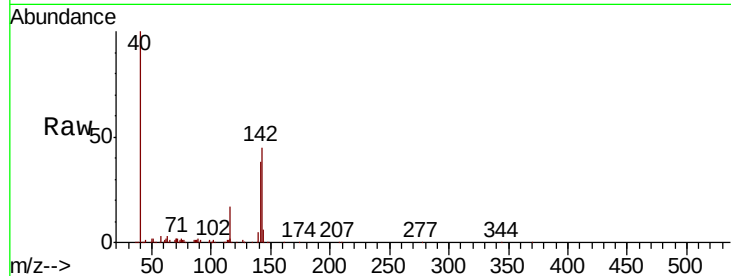




#37
2-Methylnaphthalene
Concen: 7.827 ng
RT: 12.52 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

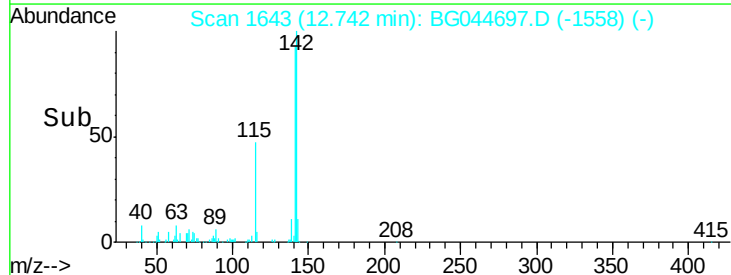
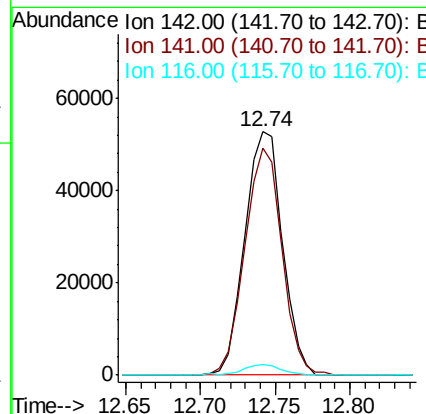
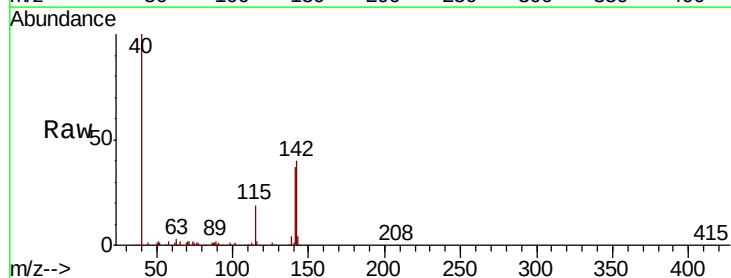
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

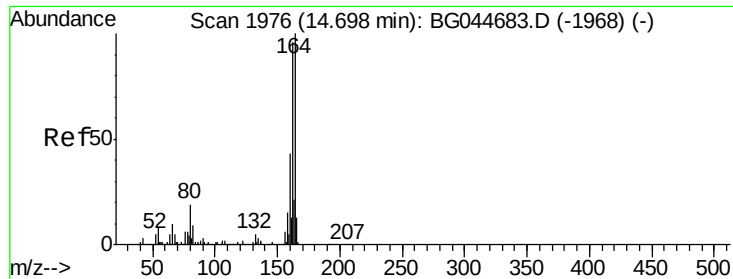
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.9	72.9	109.3
115	36.7	32.3	48.5



#38
1-Methylnaphthalene
Concen: 8.071 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.2	114.2
116	4.5	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

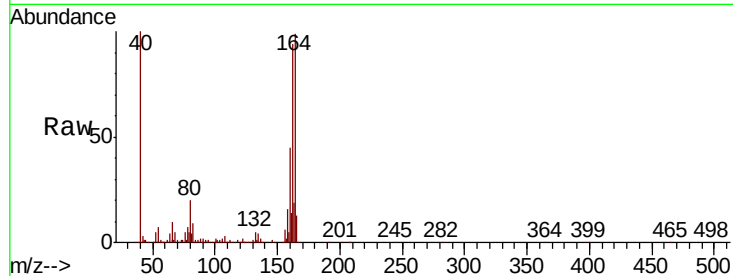
Tot Ion:164 Resp: 204578

Ion Ratio Lower Upper

164 100

162 95.1 76.5 114.7

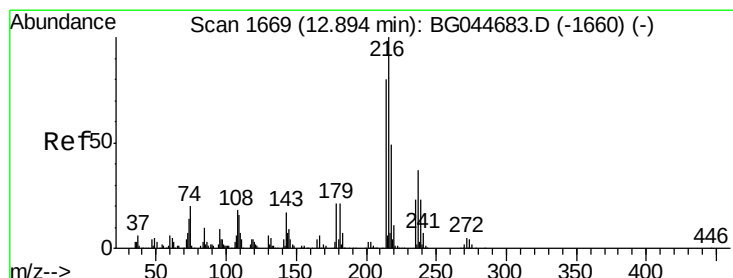
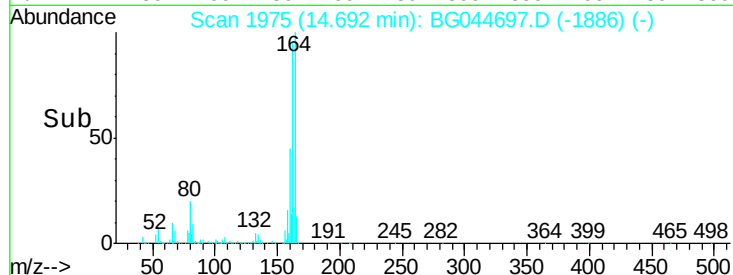
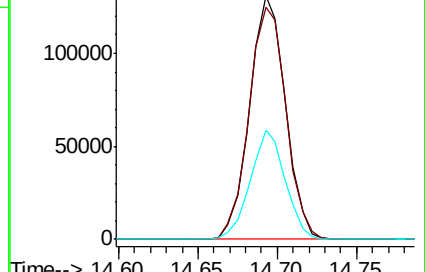
160 44.9 34.8 52.2



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: 7.305 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Tgt Ion:216 Resp: 48515

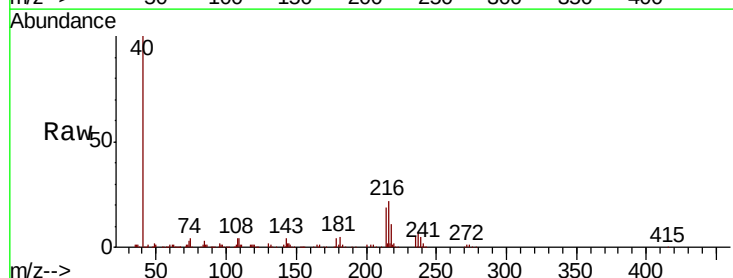
Ion Ratio Lower Upper

216 100

214 78.9 64.5 96.7

179 20.6 16.7 25.1

108 19.3 15.8 23.6

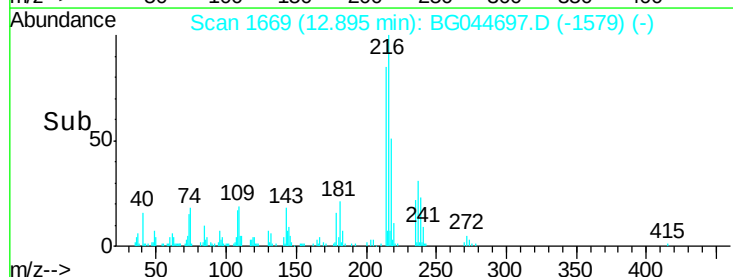
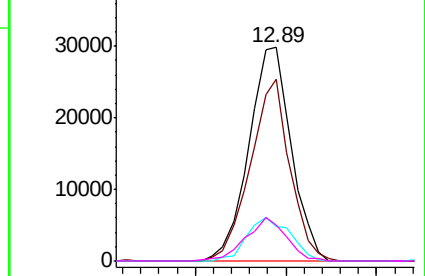


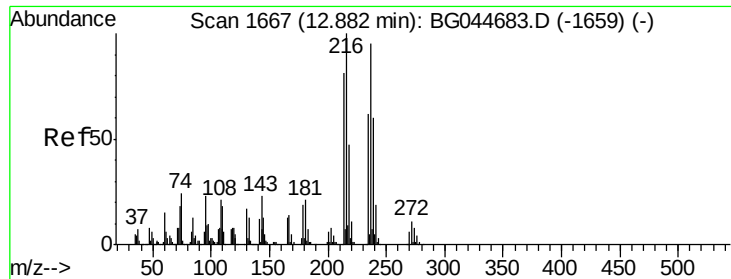
Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.703 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

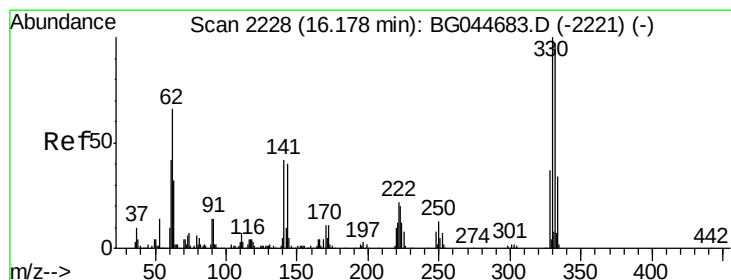
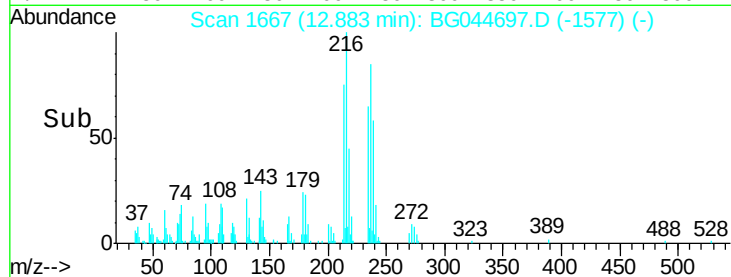
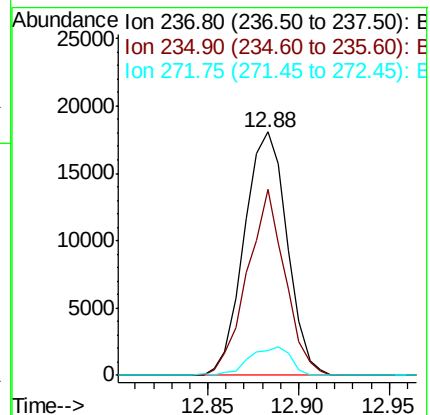
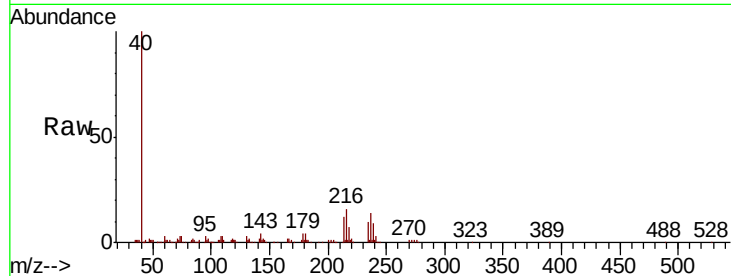
Tot Ion:237 Resp: 29915

Ion Ratio Lower Upper

237 100

235 76.4 44.7 84.7

272 10.2 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 149.506 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

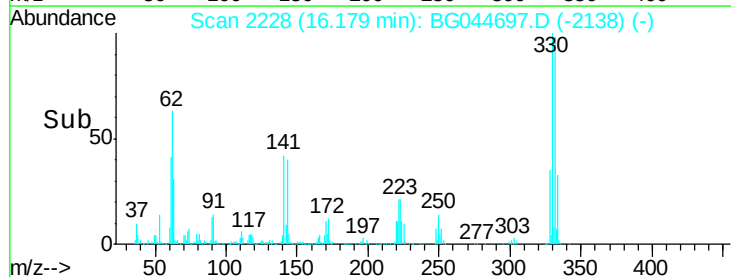
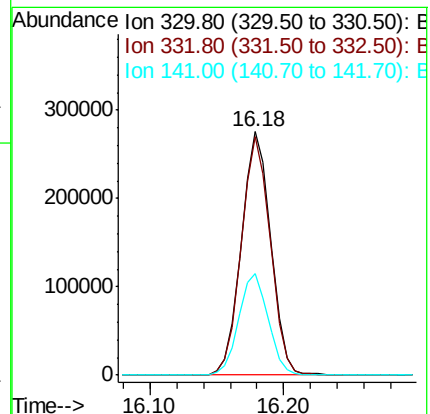
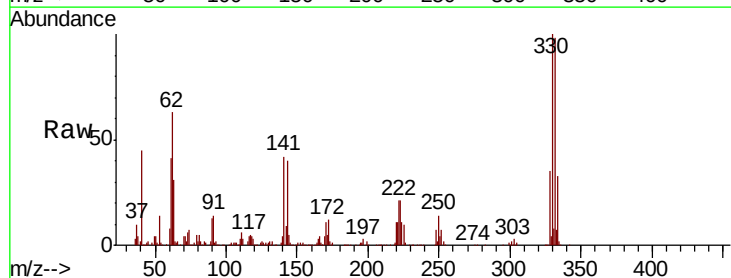
Tgt Ion:330 Resp: 420142

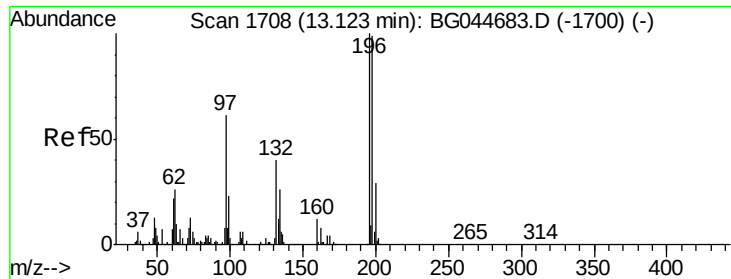
Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 41.8 32.4 48.6

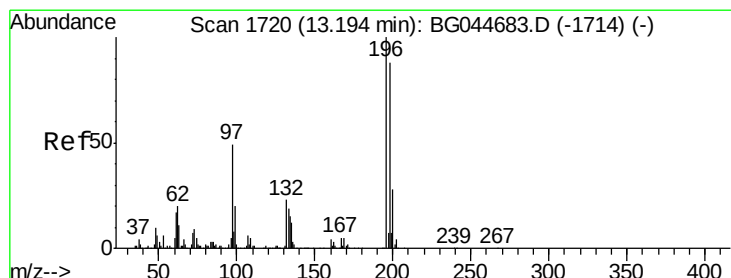
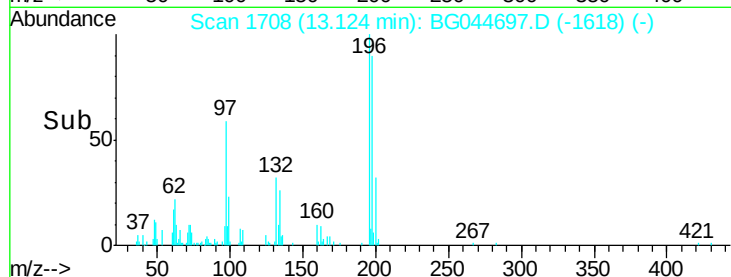
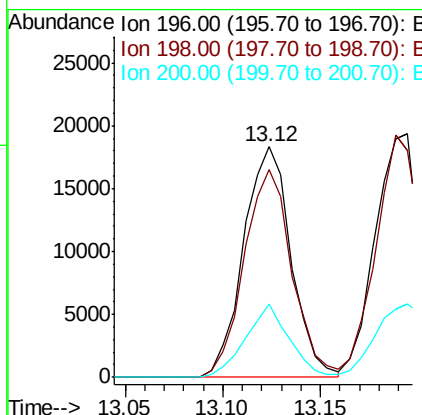
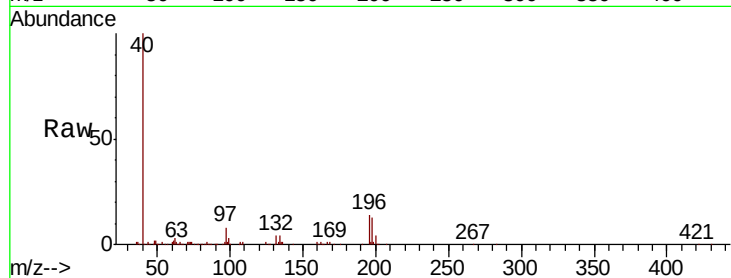




#43
2,4,6-Trichlorophenol
Concen: 6.697 ng
RT: 13.12 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

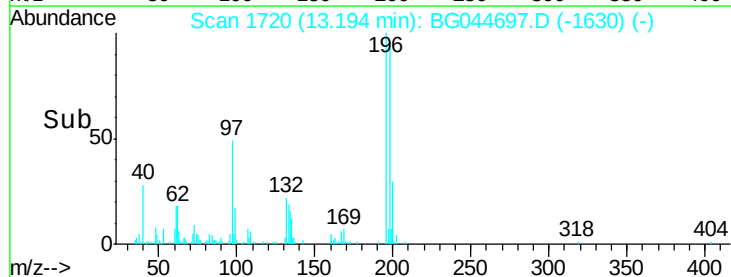
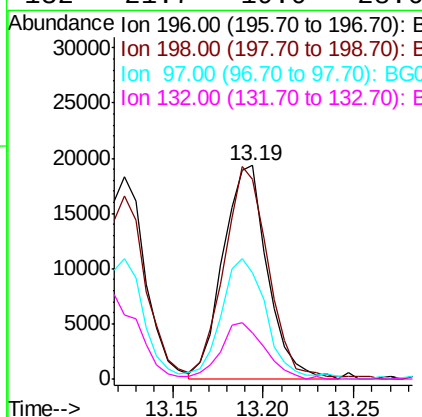
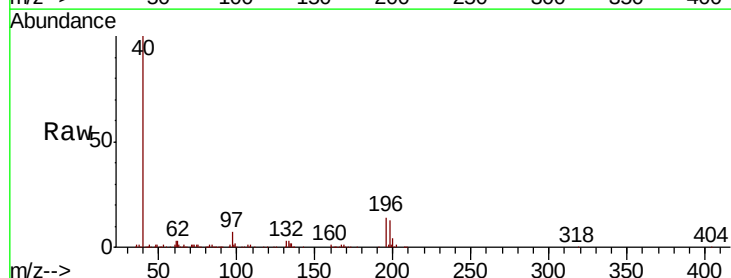
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

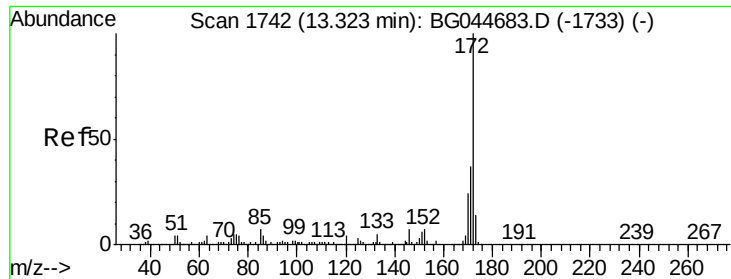
Tot Ion:196 Resp: 30833
Ion Ratio Lower Upper
196 100
198 90.5 79.3 118.9
200 32.1 23.0 34.6



#44
2,4,5-Trichlorophenol
Concen: 6.984 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:196 Resp: 32978
Ion Ratio Lower Upper
196 100
198 93.2 70.7 106.1
97 50.0 39.4 59.2
132 21.7 19.0 28.6

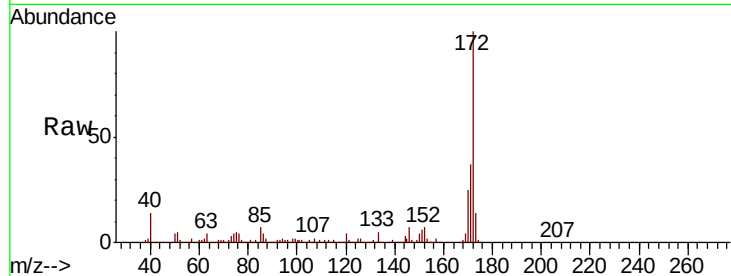




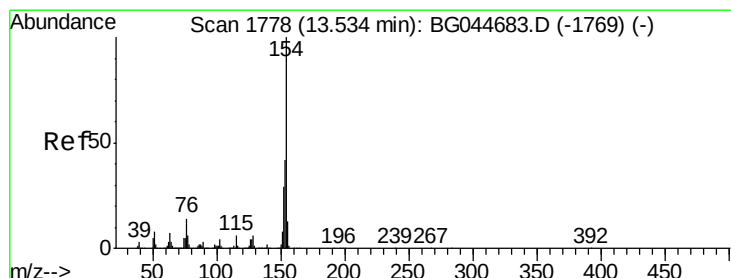
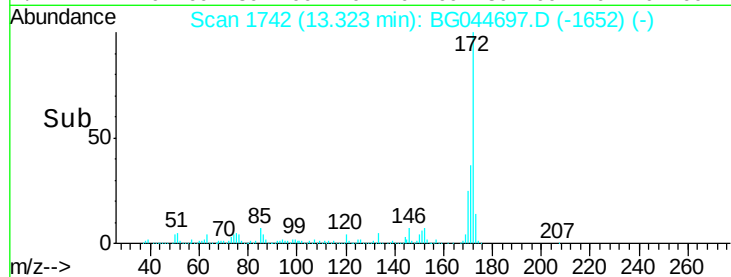
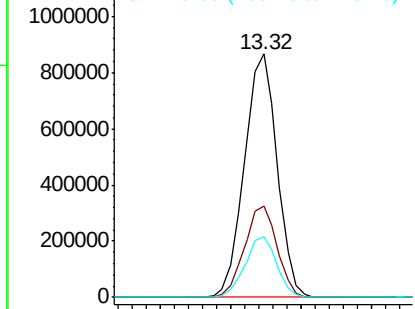
#45
2-Fluorobiphenyl
Concen: 95.707 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:172 Resp: 1405548
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.8
170 24.8 19.3 28.9

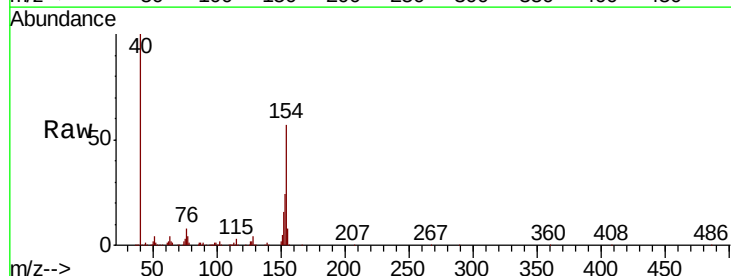


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

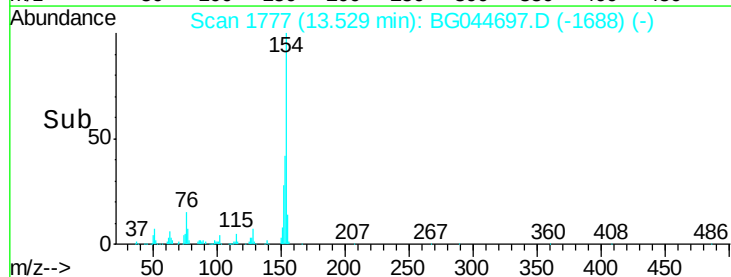
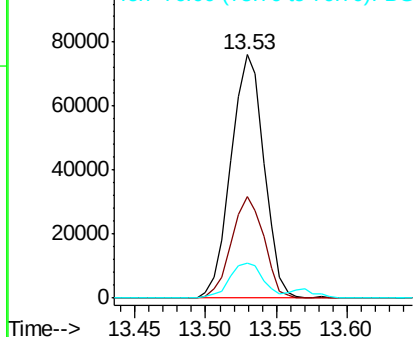


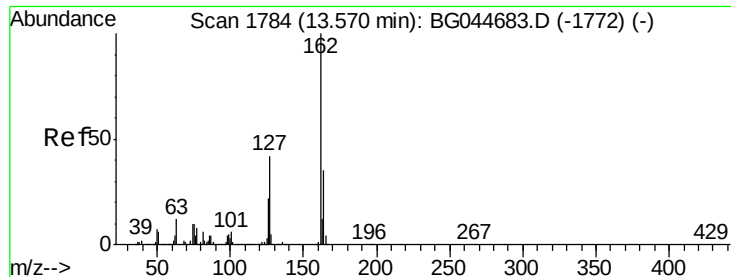
#46
1,1'-Biphenyl
Concen: 7.646 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:154 Resp: 124404
Ion Ratio Lower Upper
154 100
153 41.9 22.1 62.1
76 14.6 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

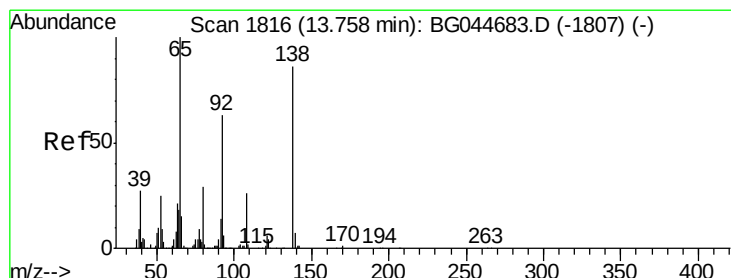
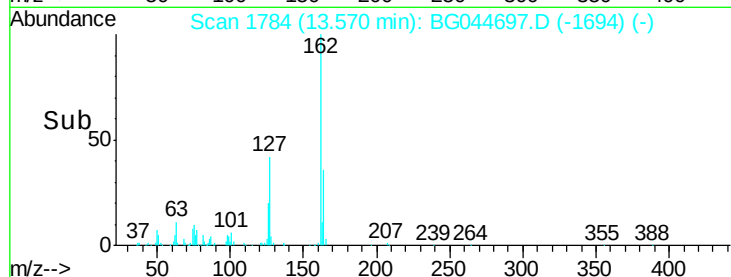
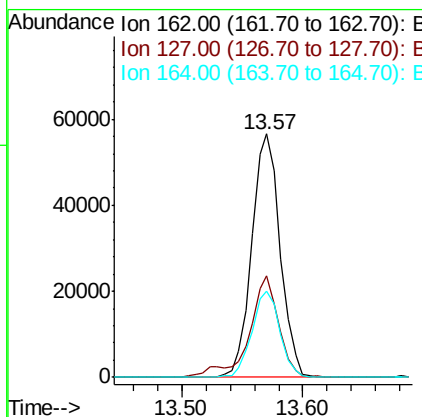
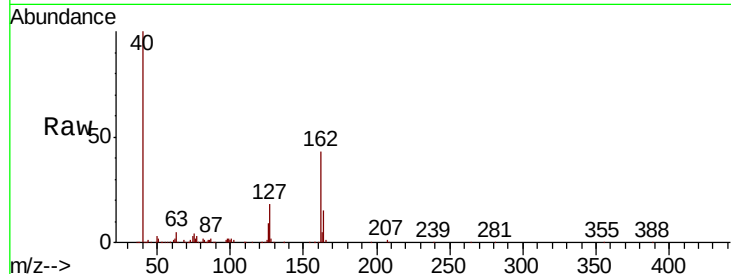




#47
 2-Chloronaphthalene
 Concen: 7.428 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

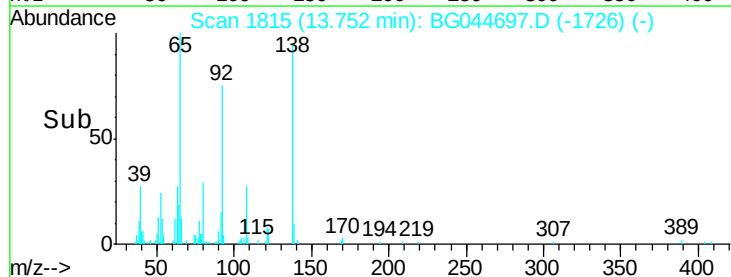
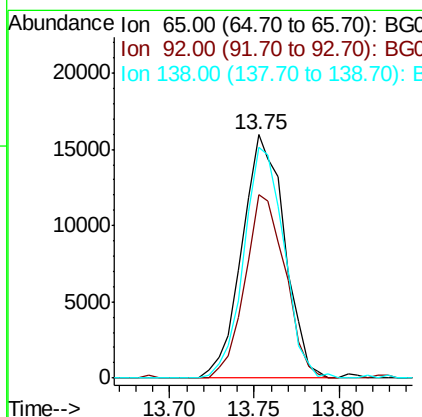
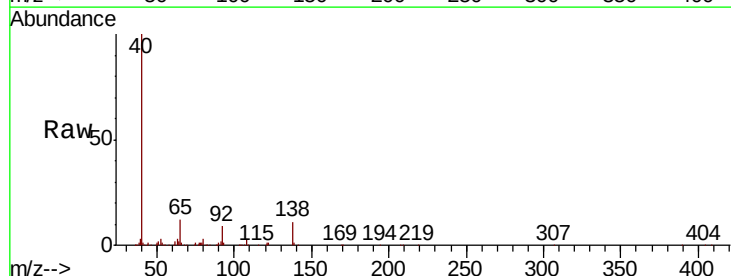
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

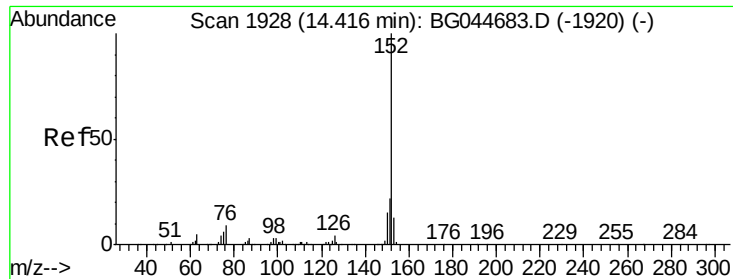
Tot Ion	162	Resp	92188
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	35.6	28.3	42.5



#48
 2-Nitroaniline
 Concen: 6.646 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion	65	Resp	27820
Ion Ratio	Lower	Upper	
65	100		
92	75.5	50.6	75.8
138	94.7	68.8	103.2





#49

Acenaphthylene

Concen: 7.766 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

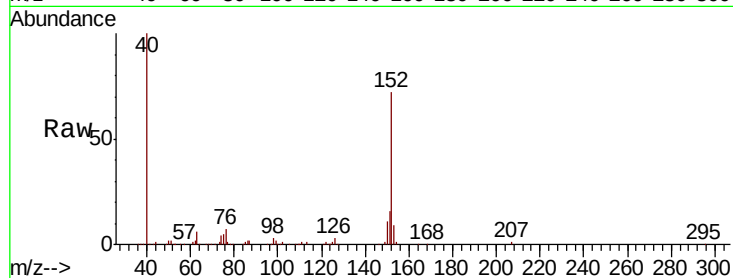
Tot Ion:152 Resp: 154435

Ion Ratio Lower Upper

152 100

151 22.2 17.6 26.4

153 12.4 10.7 16.1

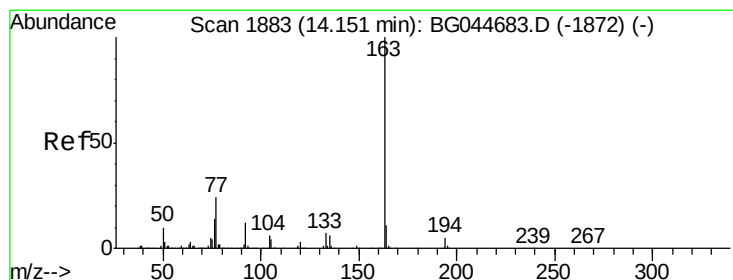
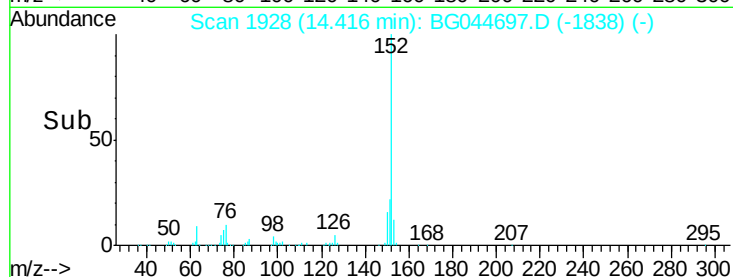
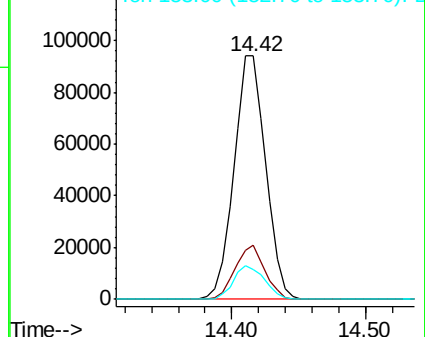


Abundance

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: 7.394 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

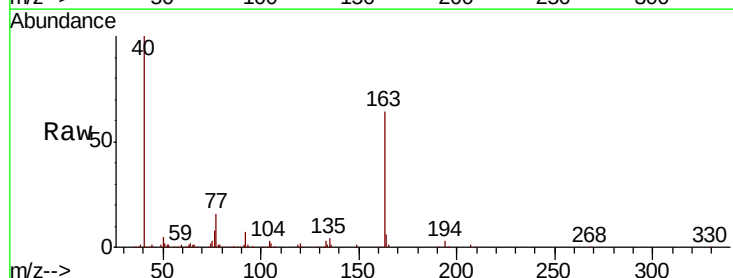
Tgt Ion:163 Resp: 125753

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

164 9.2 8.6 12.8

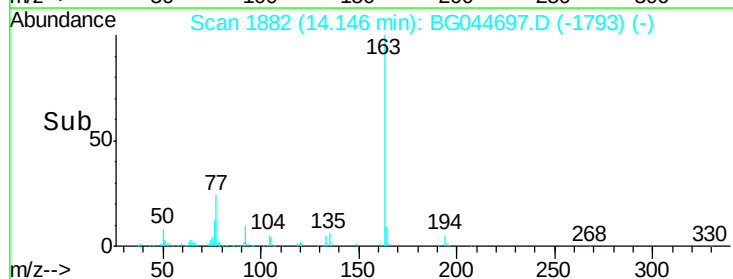
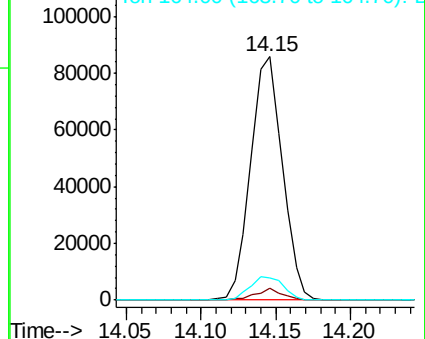


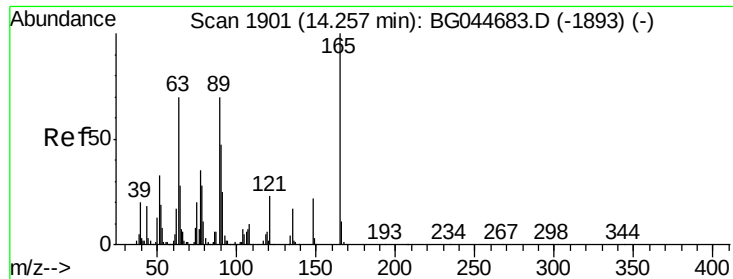
Abundance

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

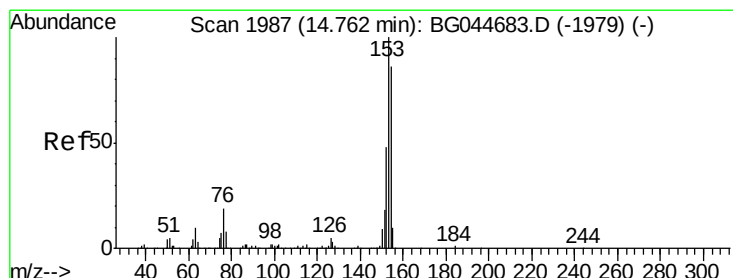
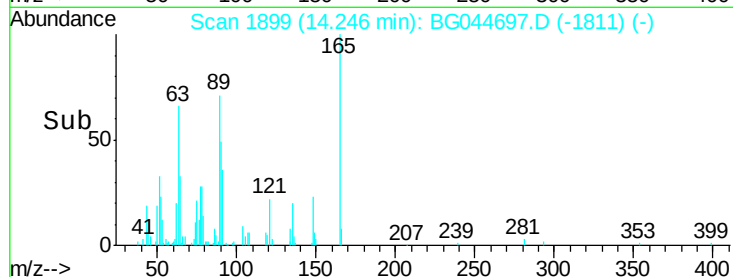
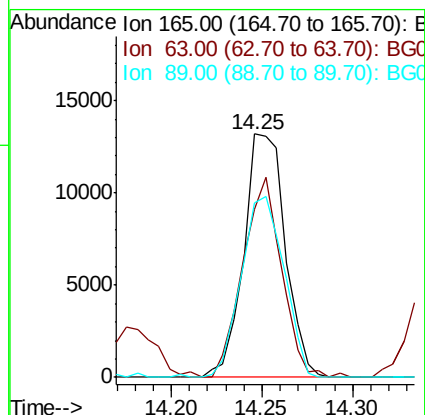
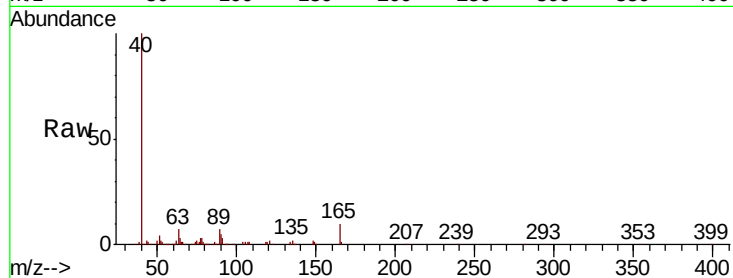




#51
2,6-Dinitrotoluene
Concen: 6.857 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

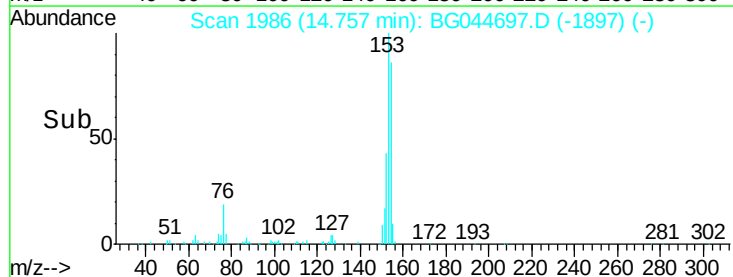
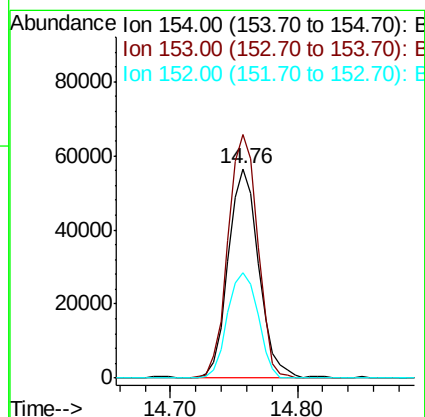
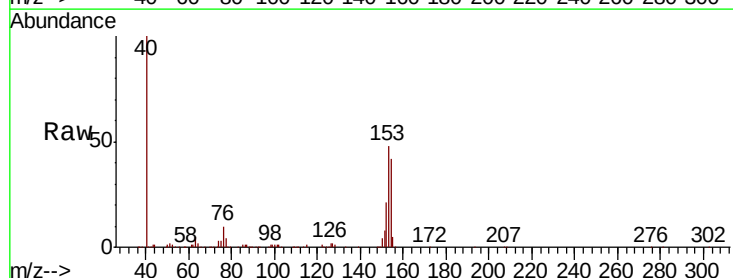
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

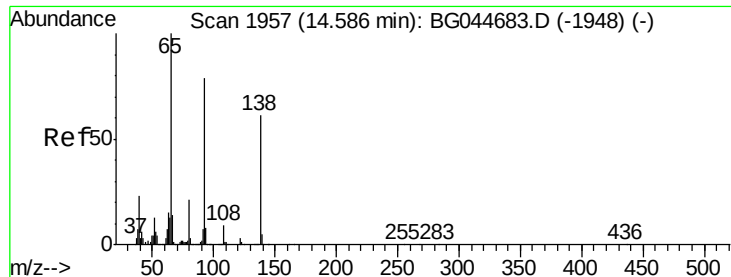
Tot Ion:165 Resp: 20955
Ion Ratio Lower Upper
165 100
63 68.9 57.4 86.0
89 71.5 56.2 84.2



#52
Acenaphthene
Concen: 7.319 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:154 Resp: 94105
Ion Ratio Lower Upper
154 100
153 116.2 92.6 138.8
152 50.4 44.2 66.4





#53

3-Nitroaniline

Concen: 6.856 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

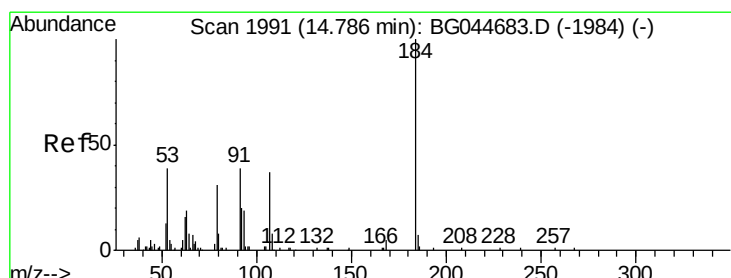
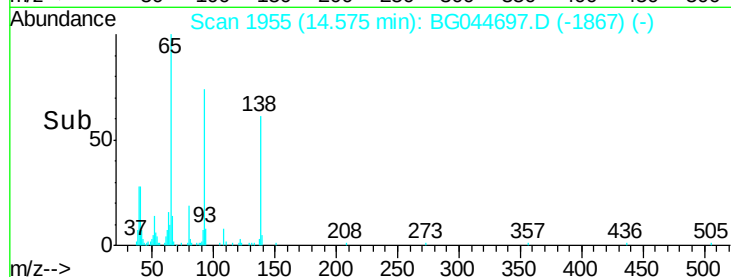
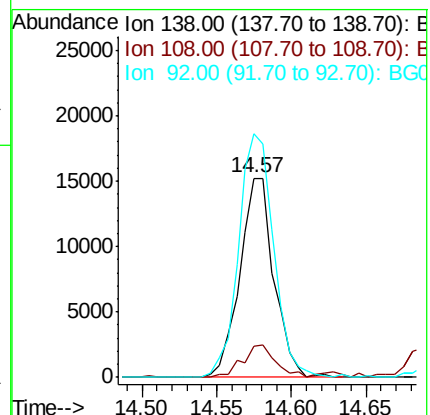
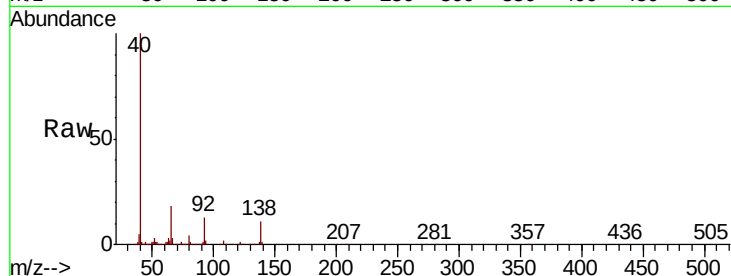
Tot Ion:138 Resp: 24147

Ion Ratio Lower Upper

138 100

108 15.4 12.2 18.4

92 122.2 105.1 157.7



#54

2,4-Dinitrophenol

Concen: 5.718 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

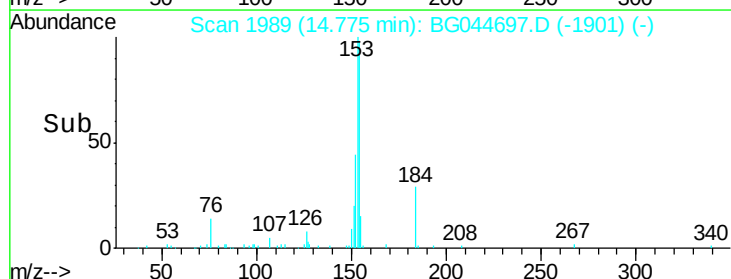
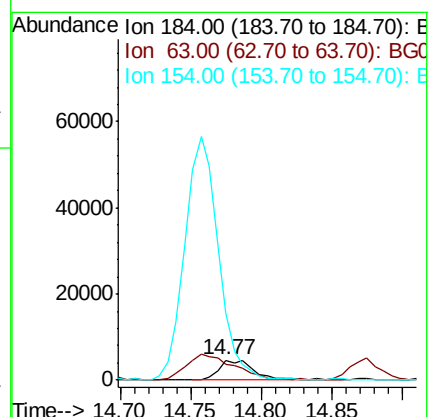
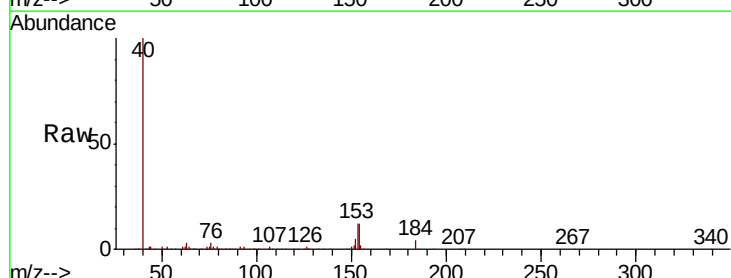
Tgt Ion:184 Resp: 8113

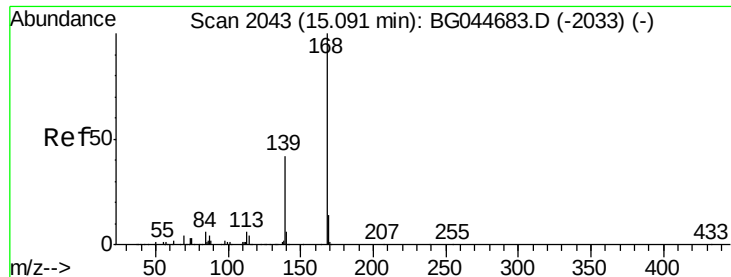
Ion Ratio Lower Upper

184 100

63 76.2 42.4 63.6#

154 336.6 75.0 112.4#





#55

Dibenzofuran

Concen: 7.693 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

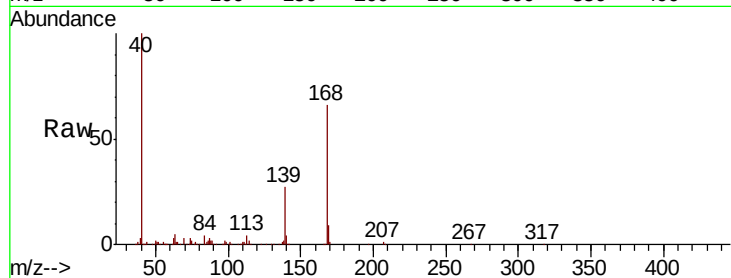
Tot Ion:168 Resp: 148222

Ion Ratio Lower Upper

168 100

139 41.2 33.8 50.6

169 13.7 11.0 16.4

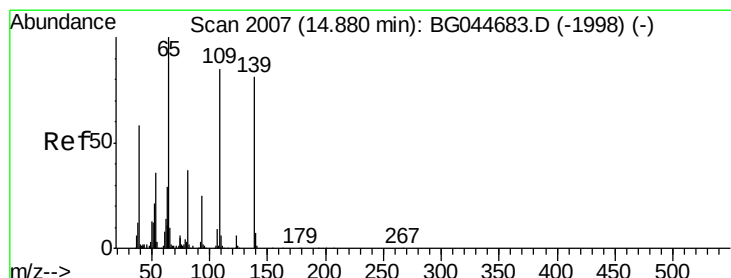
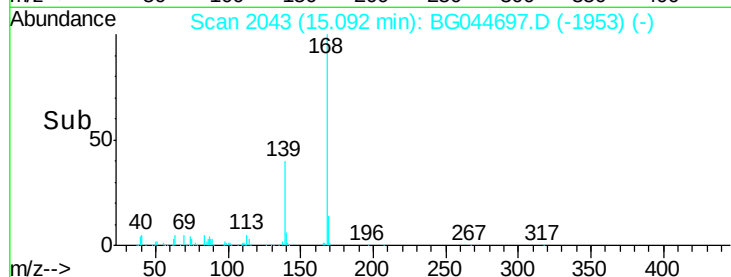
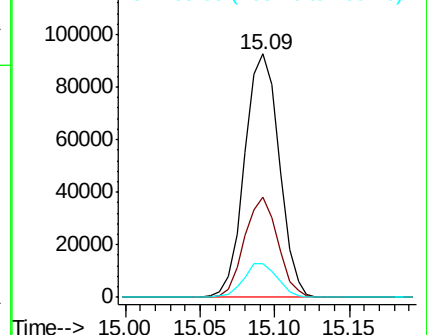


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 7.509 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

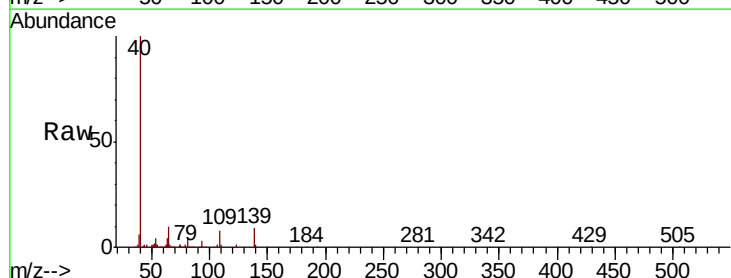
Tgt Ion:139 Resp: 20577

Ion Ratio Lower Upper

139 100

109 84.5 86.0 126.0#

65 109.6 104.5 144.5

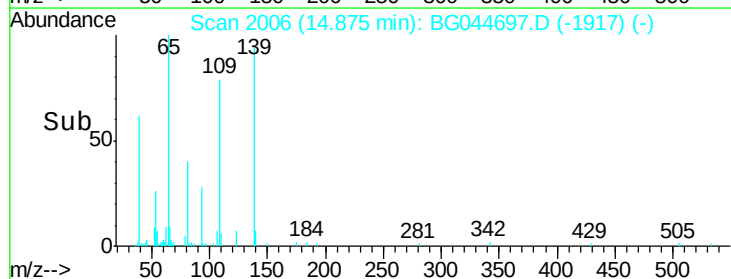
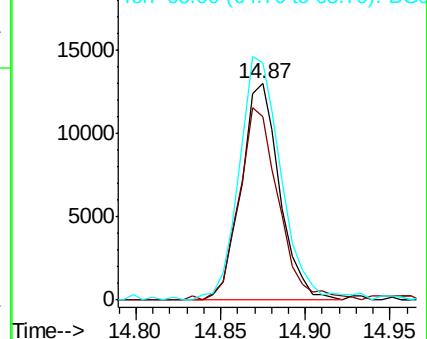


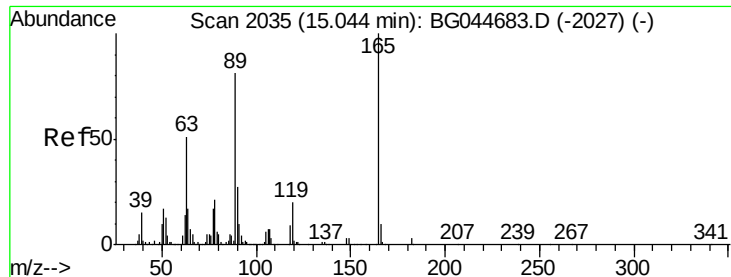
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

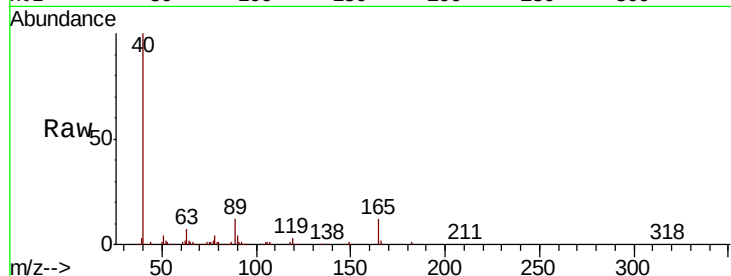




#57
2,4-Dinitrotoluene
Concen: 6.887 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.6	61.0
89	96.6	65.0	97.6
182	4.2	2.4	3.6



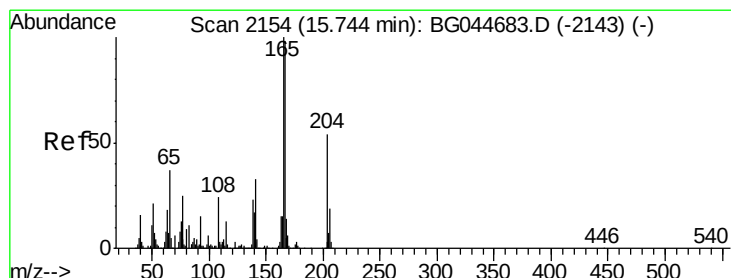
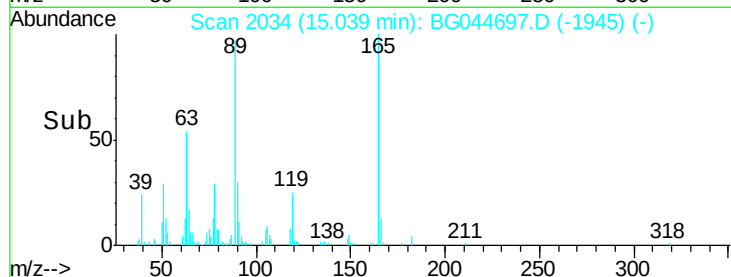
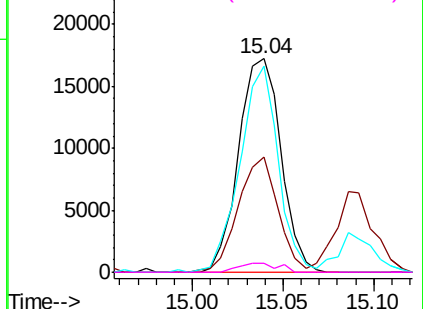
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

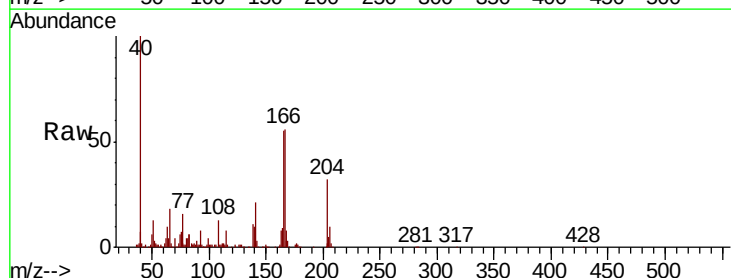
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 7.616 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.3	121.9
167	14.3	11.0	16.6

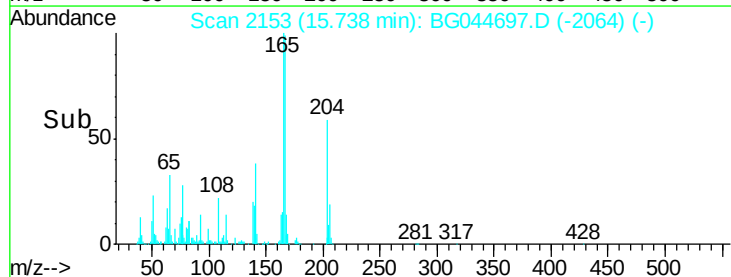
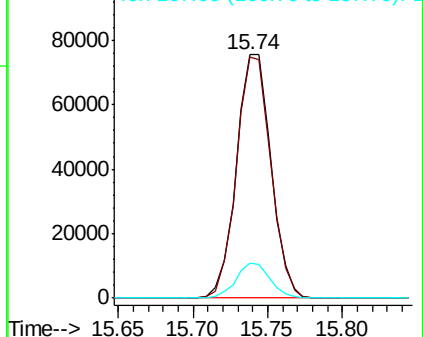


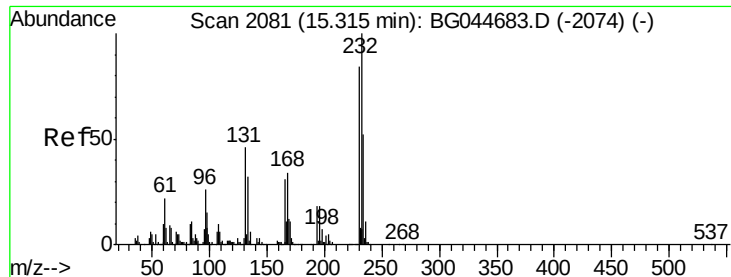
Abundance

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

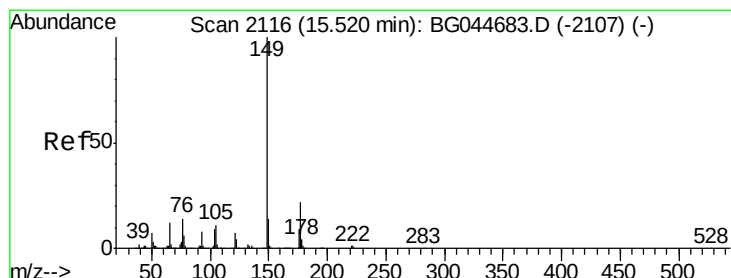
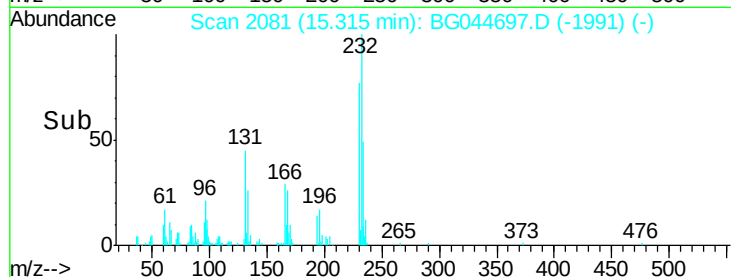
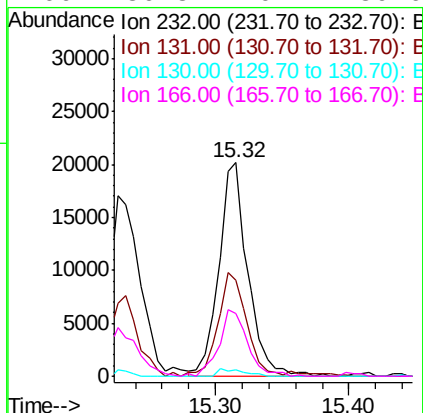
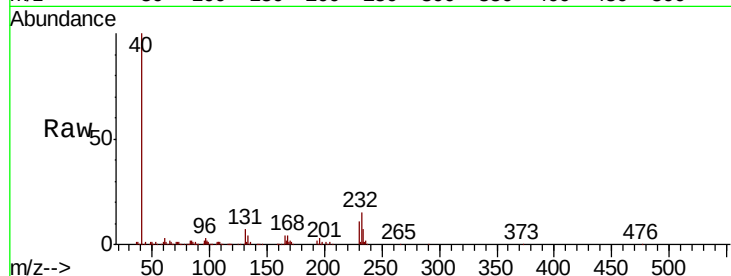




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.854 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

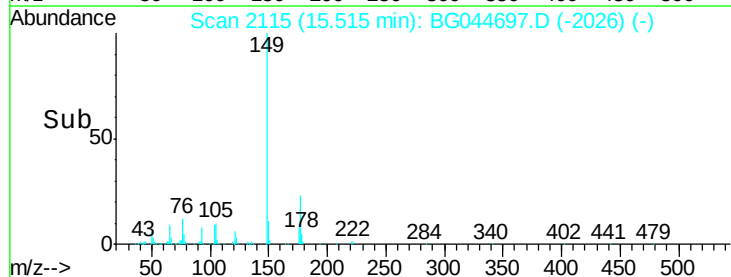
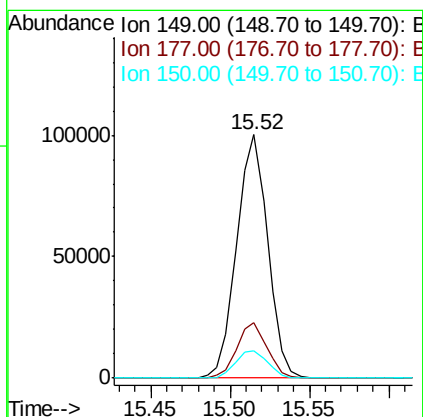
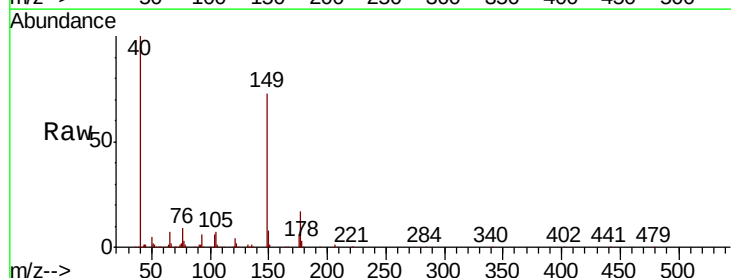
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

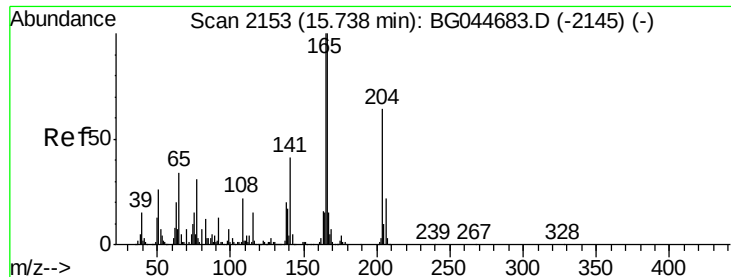
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	33.0	49.6
130	3.0	2.2	3.2
166	30.8	20.4	30.6



#60
 Diethylphthalate
 Concen: 7.473 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.5	26.3
150	11.0	10.8	16.2

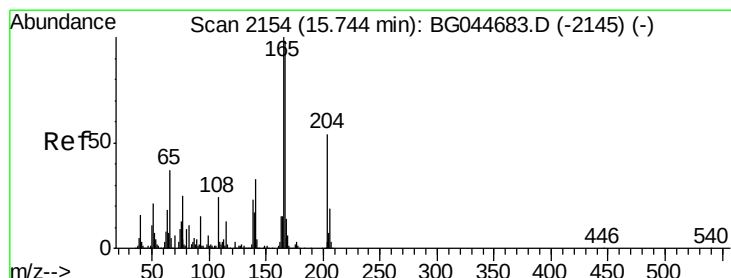
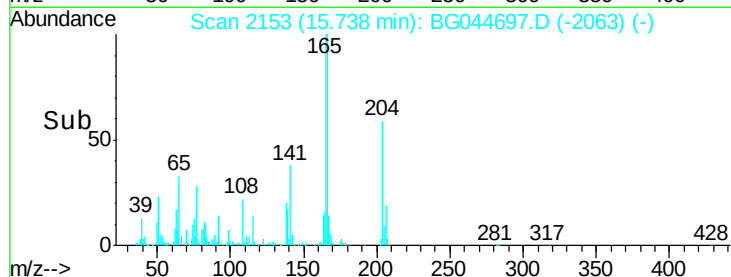
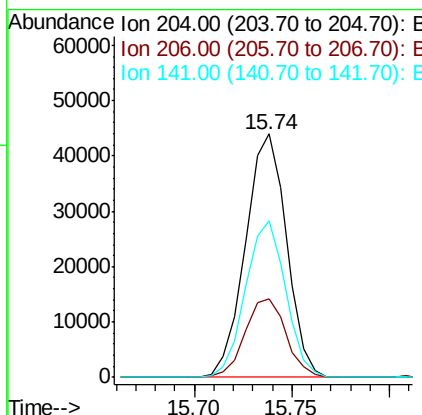
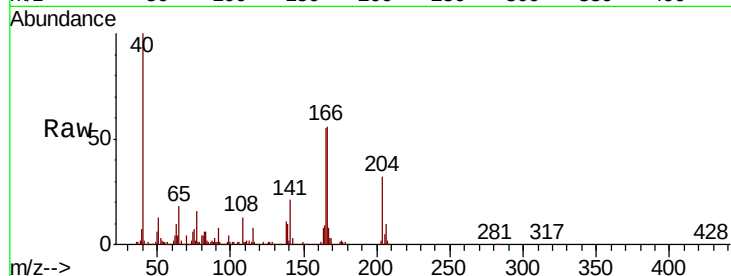




#61
4-Chlorophenyl-phenylether
Concen: 7.398 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

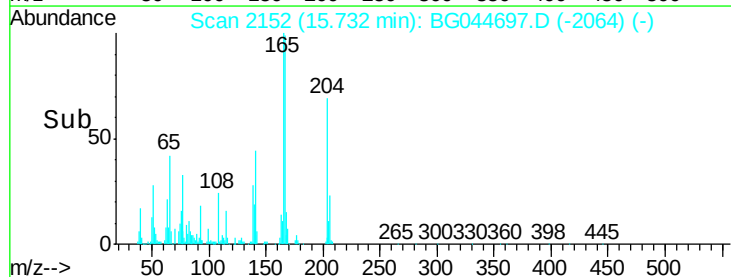
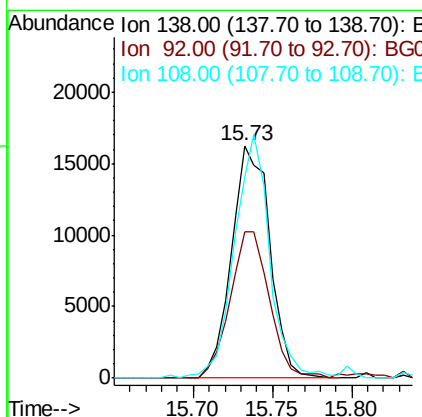
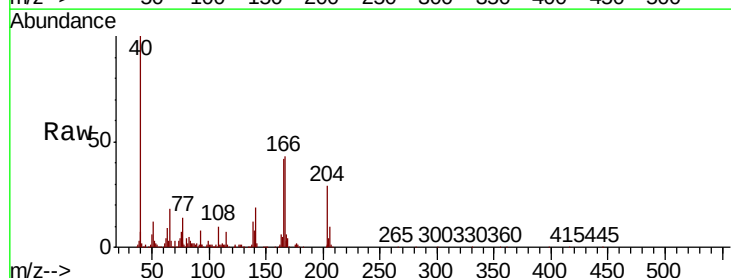
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

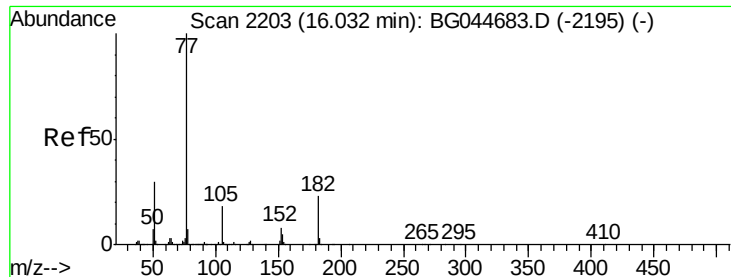
Tot Ion:204 Resp: 63966
Ion Ratio Lower Upper
204 100
206 32.4 27.7 41.5
141 64.5 51.0 76.4



#62
4-Nitroaniline
Concen: 7.011 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:138 Resp: 27198
Ion Ratio Lower Upper
138 100
92 63.1 43.1 83.1
108 86.5 85.2 125.2





#63

Azobenzene

Concen: 7.776 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 77 Resp: 147977

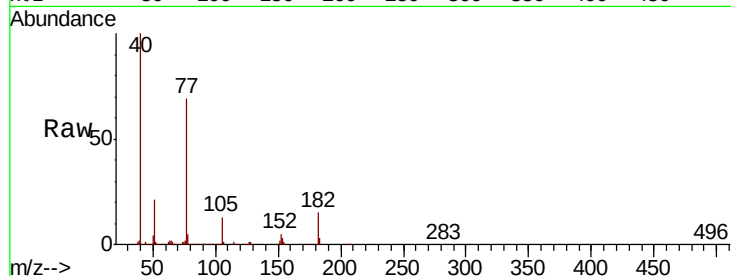
Ion Ratio Lower Upper

77 100

182 21.3 2.7 42.7

105 18.3 0.0 38.1

51 30.7 10.3 50.3

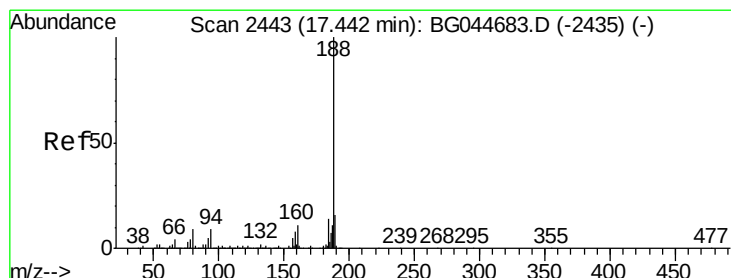
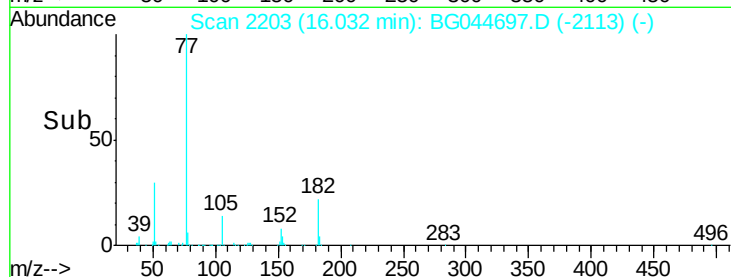
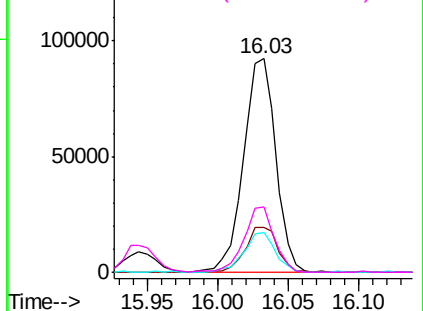


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

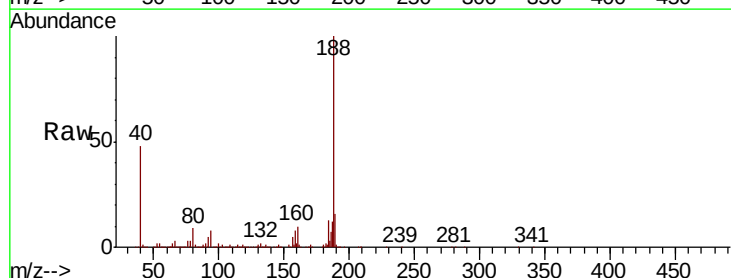
Tgt Ion: 188 Resp: 459903

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

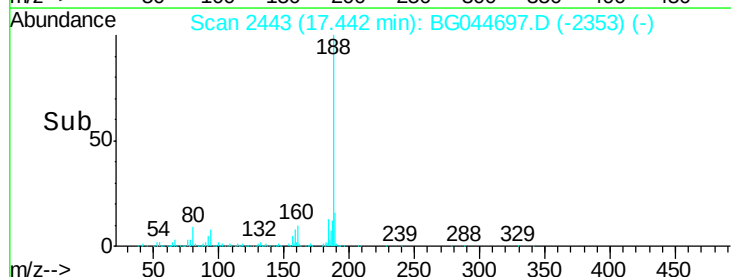
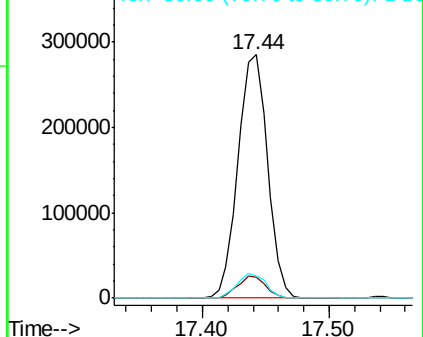
80 9.2 7.3 10.9

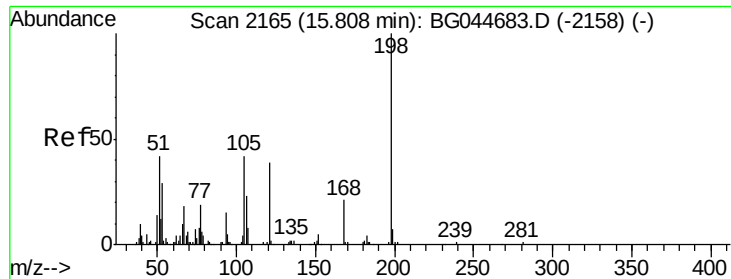


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

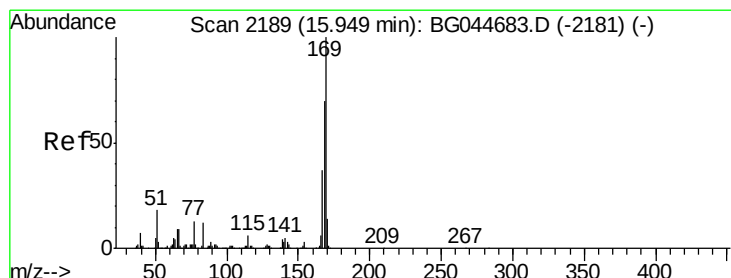
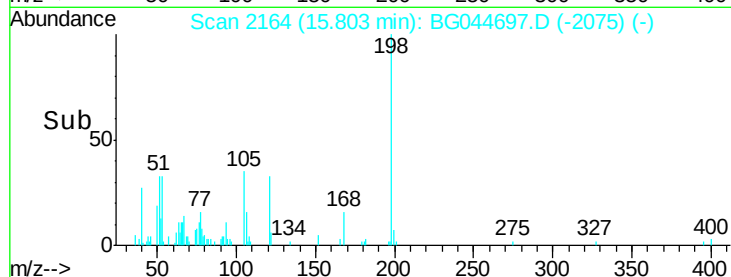
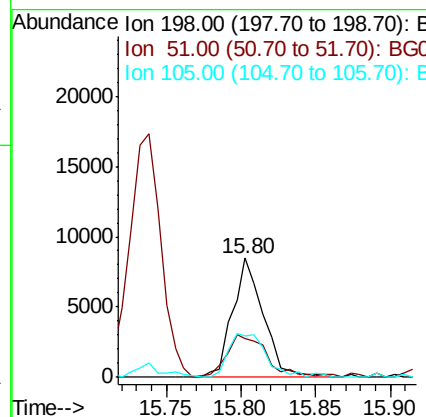
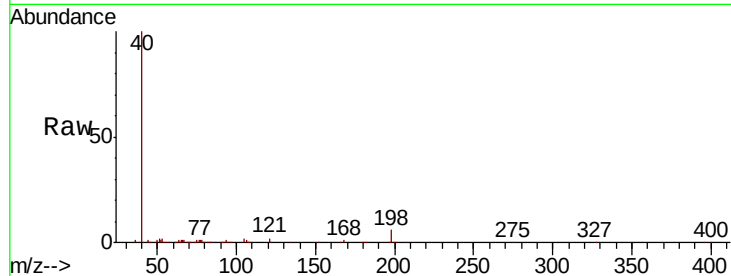




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.592 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

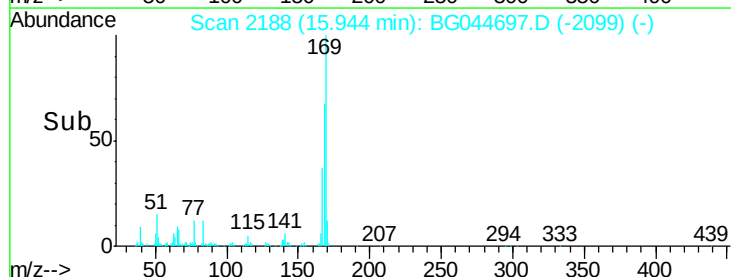
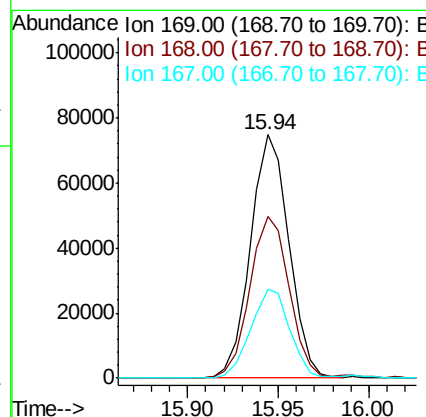
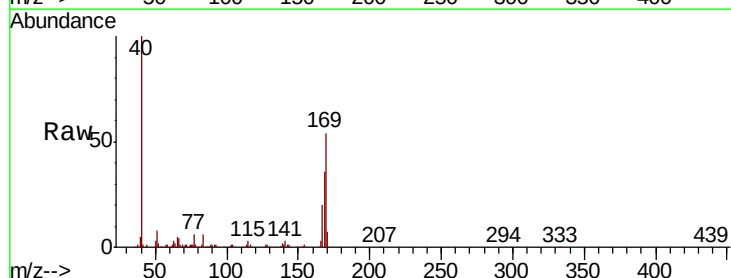
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

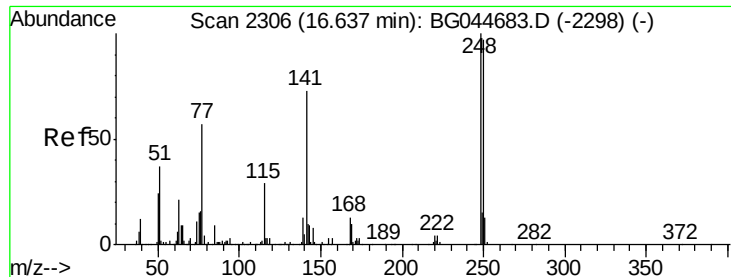
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.9	27.1	67.1
105	34.8	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 7.827 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	56.2	84.2
167	36.7	29.4	44.2

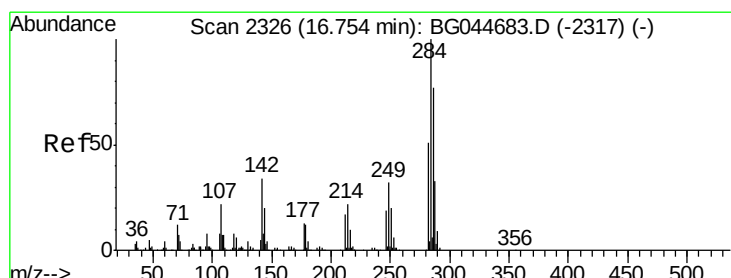
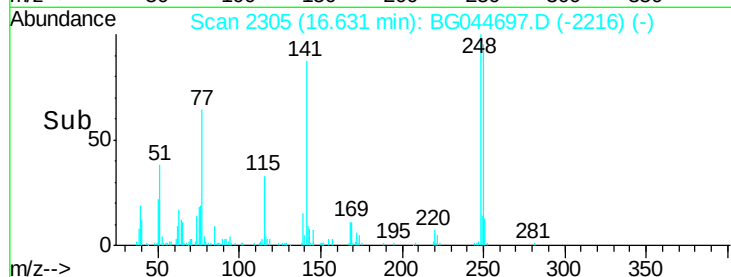
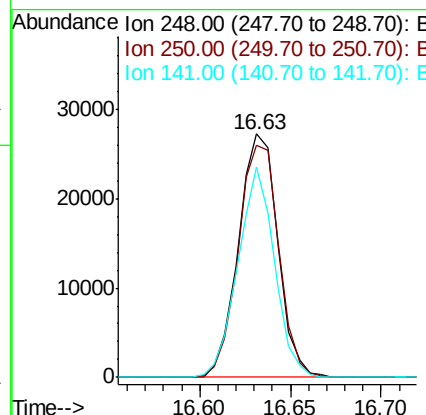
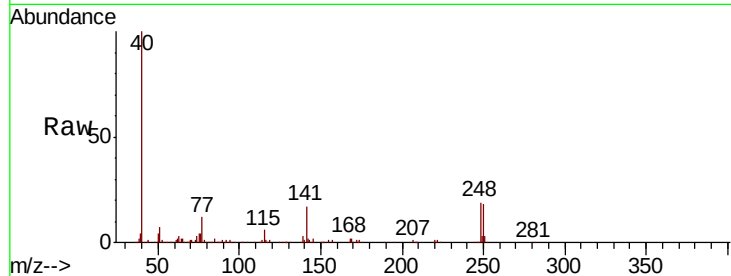




#67
4-Bromophenyl-phenylether
Concen: 7.086 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

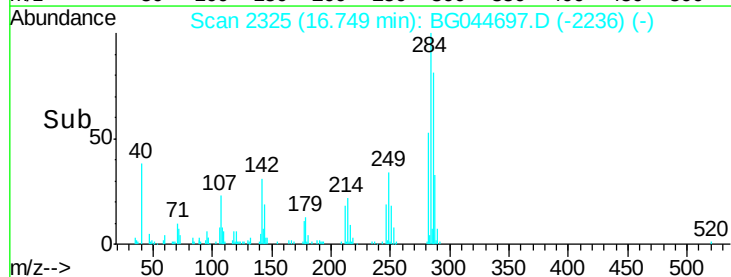
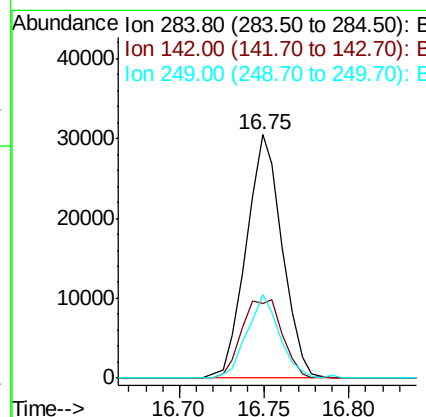
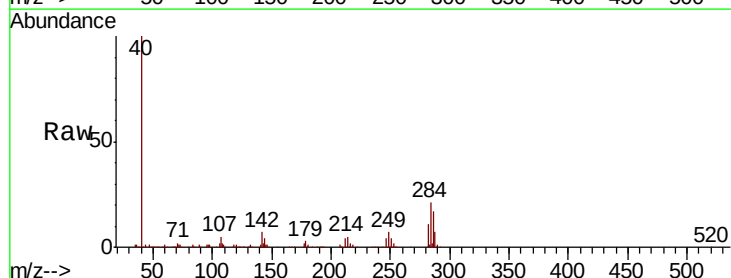
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

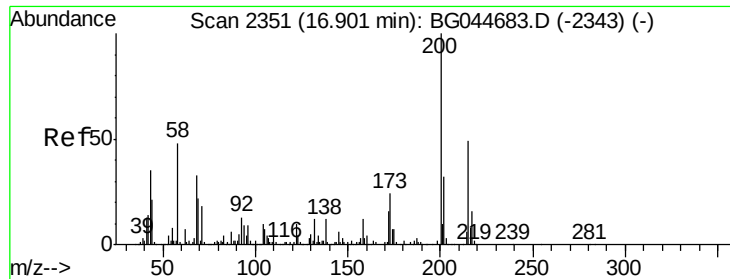
Tot Ion:248 Resp: 41101
Ion Ratio Lower Upper
248 100
250 95.2 77.4 116.2
141 86.6 58.1 87.1



#68
Hexachlorobenzene
Concen: 7.195 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:284 Resp: 45065
Ion Ratio Lower Upper
284 100
142 30.9 27.2 40.8
249 34.3 25.7 38.5





#69

Atrazine

Concen: 8.503 ng

RT: 16.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

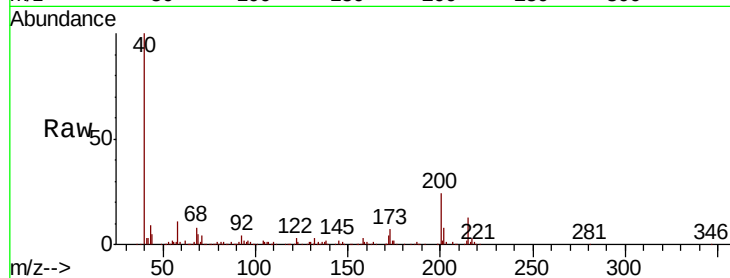
Tot Ion:200 Resp: 46205

Ion Ratio Lower Upper

200 100

173 27.9 4.0 44.0

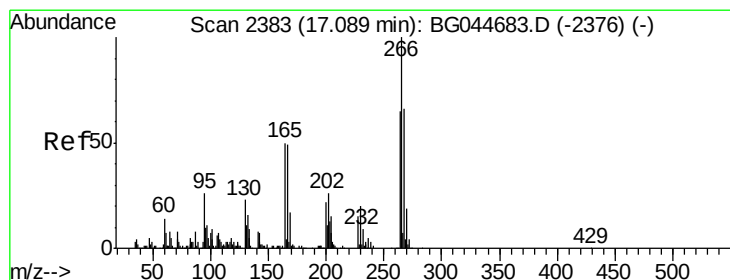
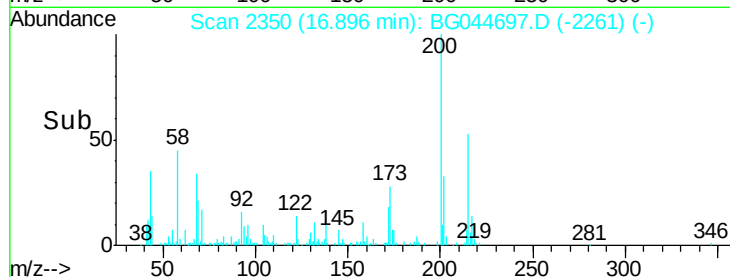
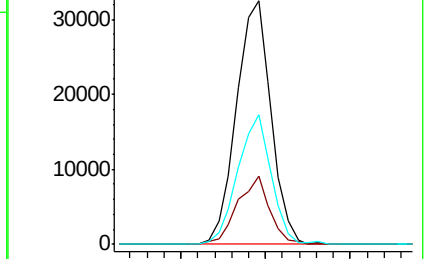
215 53.2 29.1 69.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.701 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

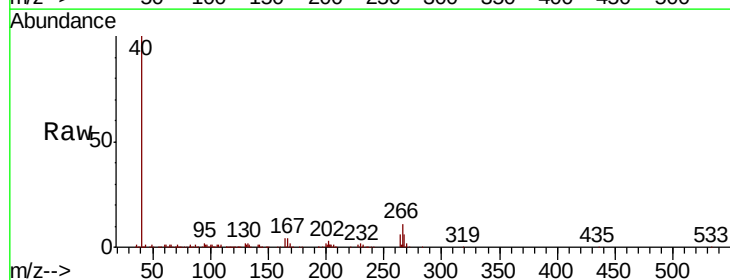
Tgt Ion:266 Resp: 23813

Ion Ratio Lower Upper

266 100

268 55.8 52.7 79.1

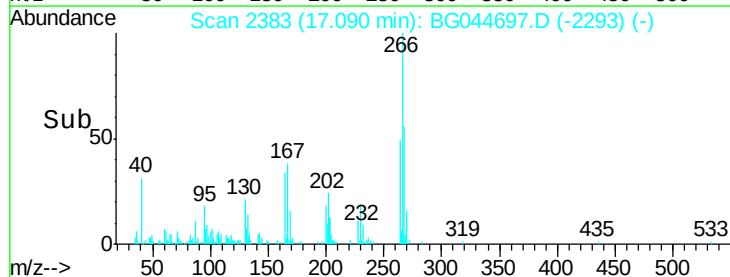
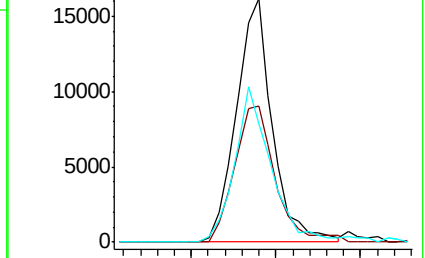
264 48.6 52.3 78.5#

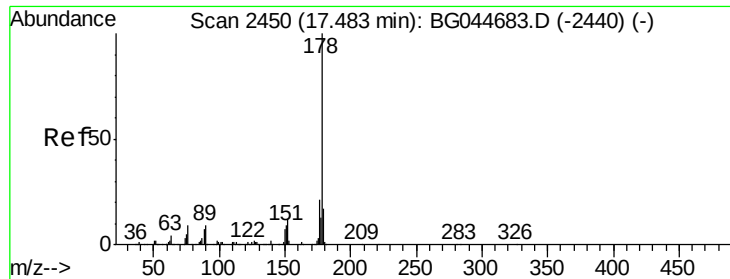


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

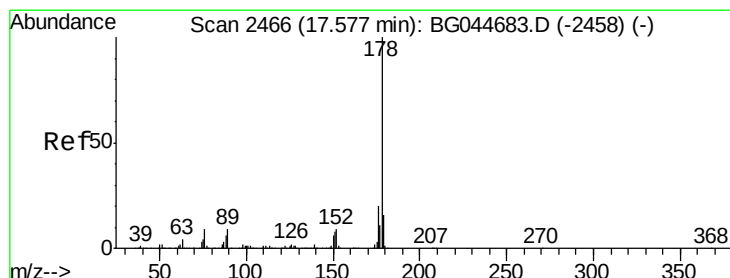
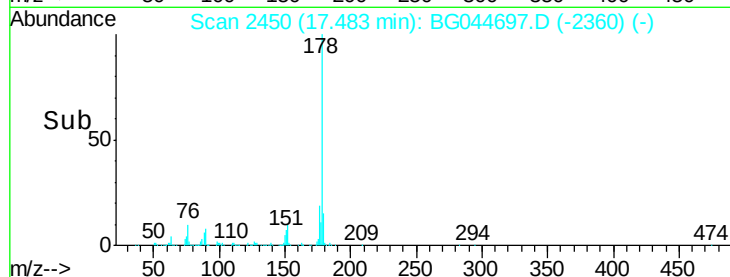
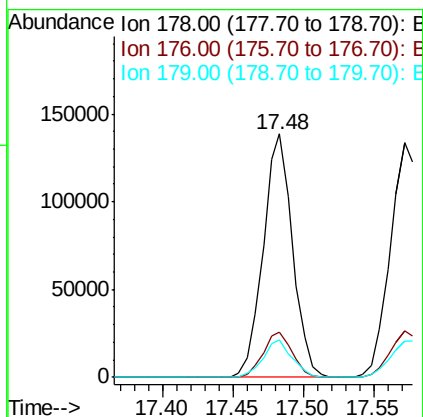
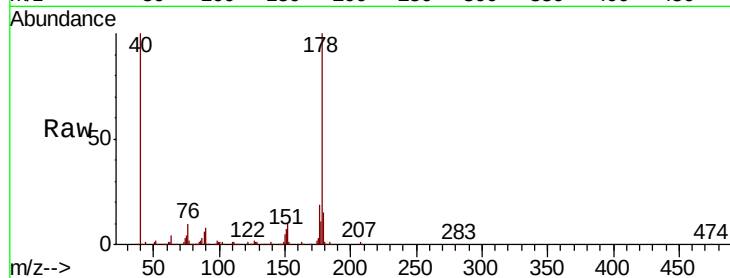




#71
Phenanthrene
Concen: 8.019 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

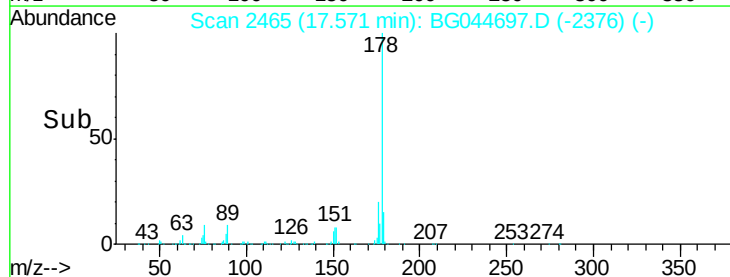
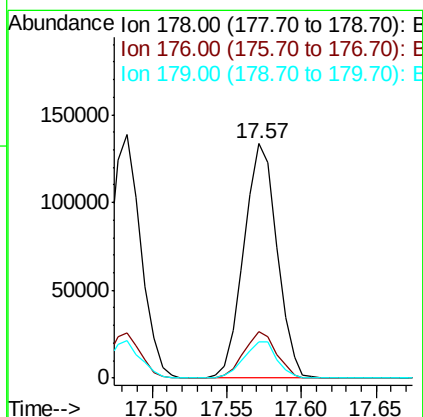
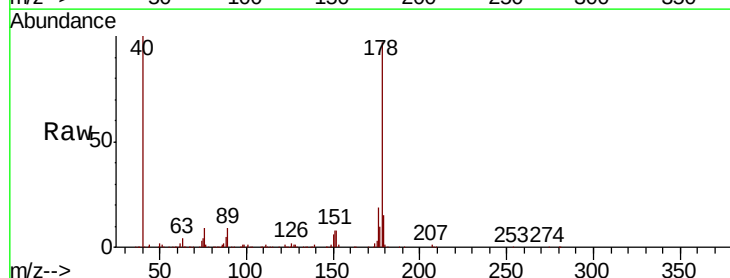
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

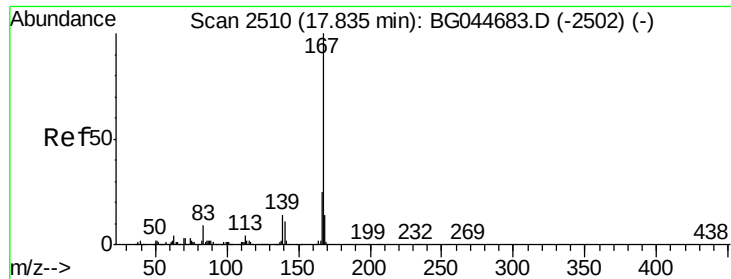
Tot Ion:178 Resp: 202218
Ion Ratio Lower Upper
178 100
176 18.8 16.5 24.7
179 15.4 13.8 20.8



#72
Anthracene
Concen: 8.280 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion:178 Resp: 205648
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.3 12.6 19.0

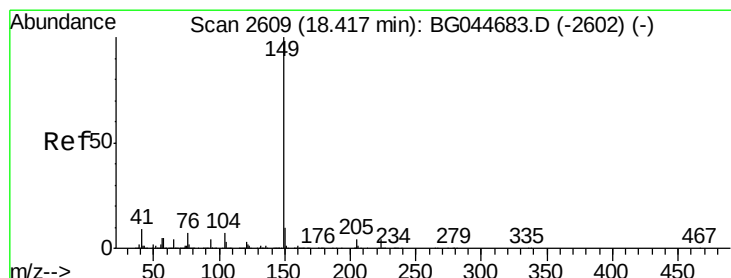
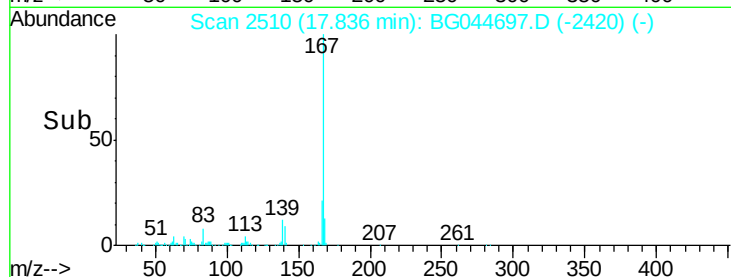
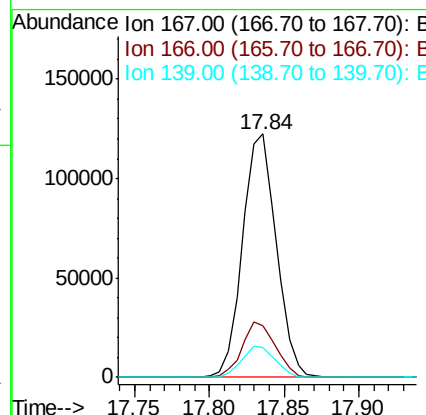
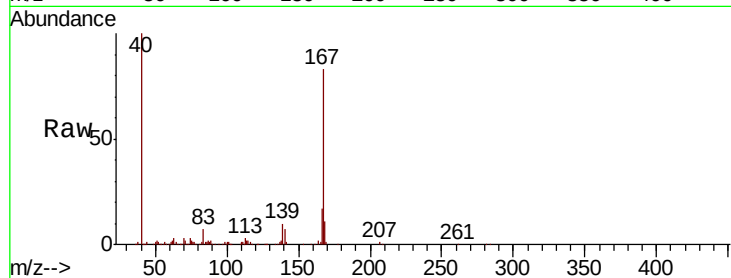




#73
 Carbazole
 Concen: 8.052 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

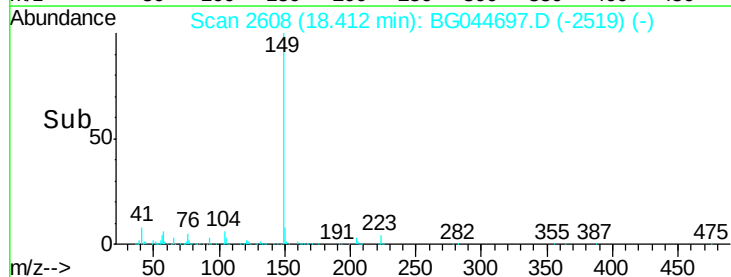
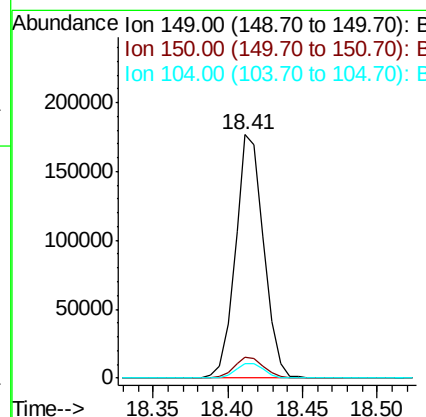
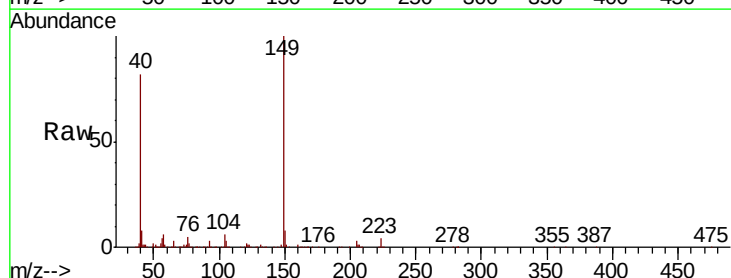
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

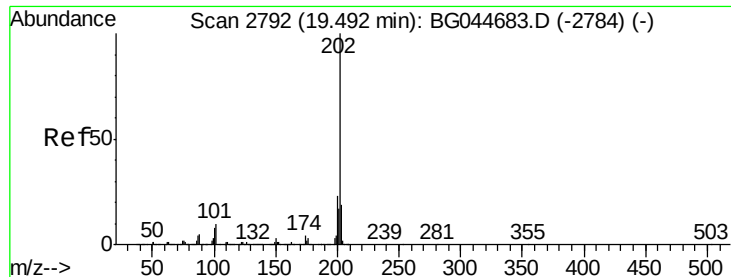
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	20.0	30.0
139	12.3	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 7.787 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BG044697.D
 Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.4	8.0	12.0
104	5.8	5.5	8.3





#75

Fluoranthene

Concen: 8.136 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

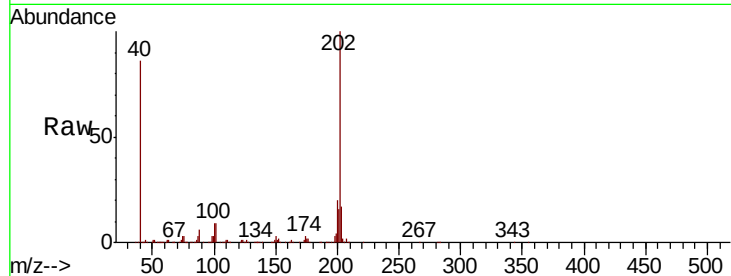
Tot Ion:202 Resp: 247972

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.3

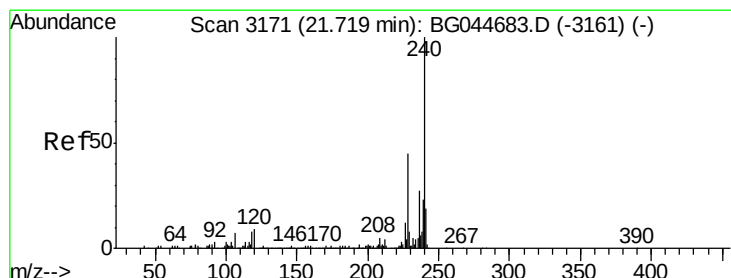
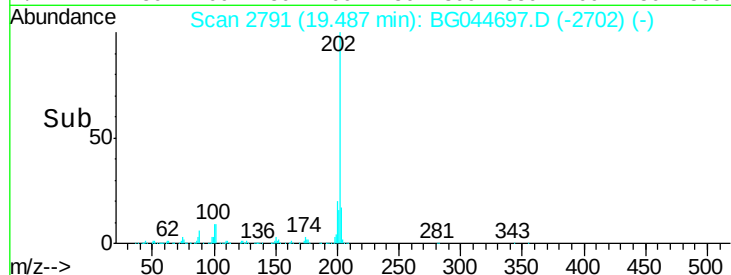
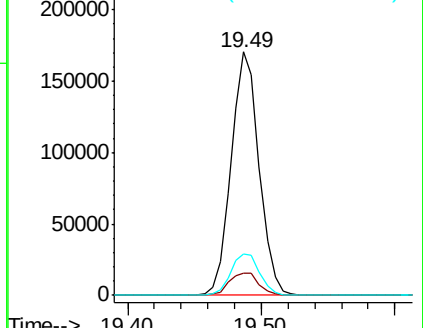
203 17.2 0.0 39.1



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

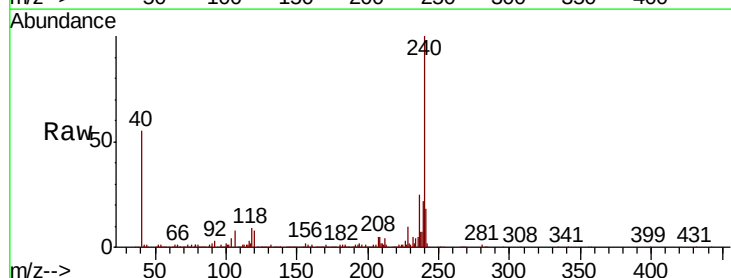
Tgt Ion:240 Resp: 431968

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

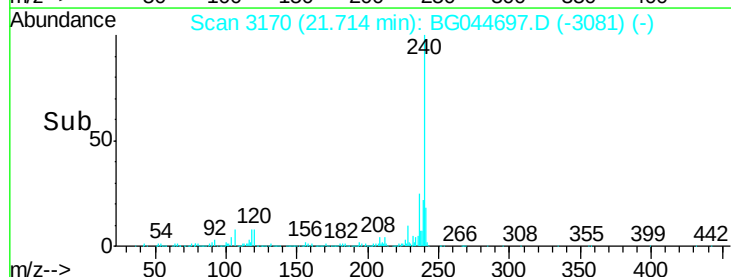
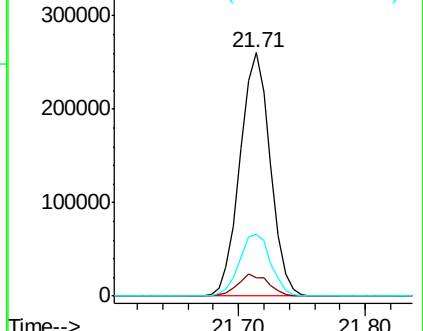
236 25.2 21.5 32.3

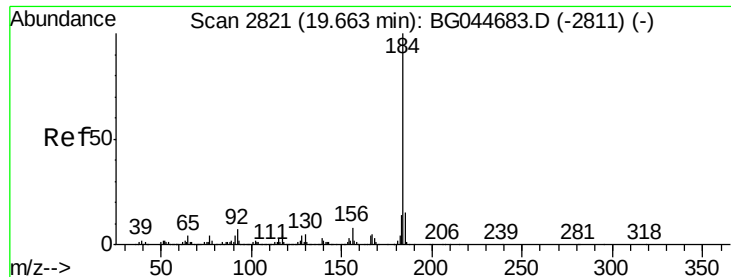


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.215 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

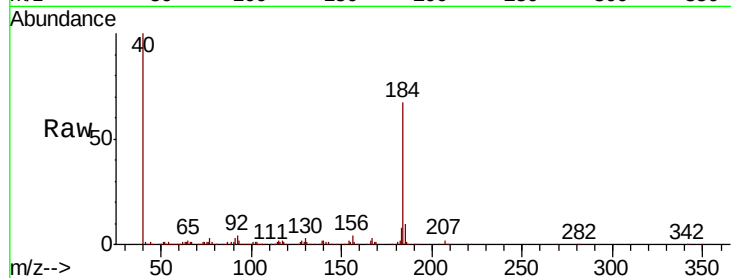
Tot Ion:184 Resp: 141649

Ion Ratio Lower Upper

184 100

185 15.4 12.0 18.0

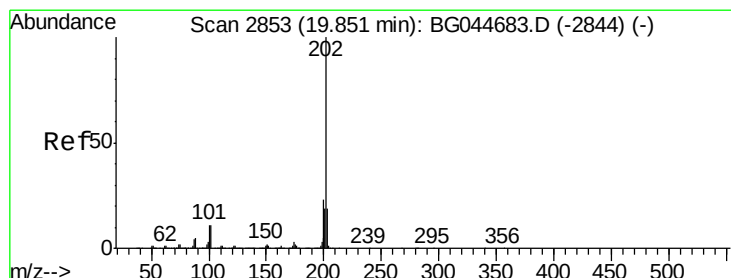
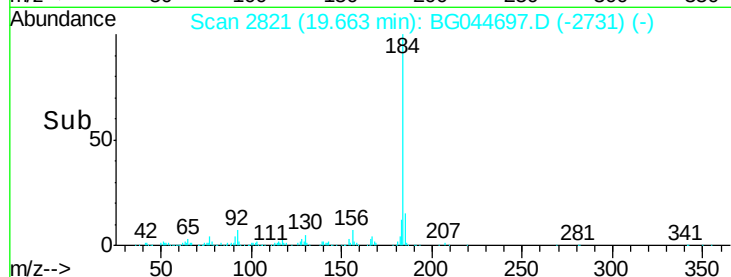
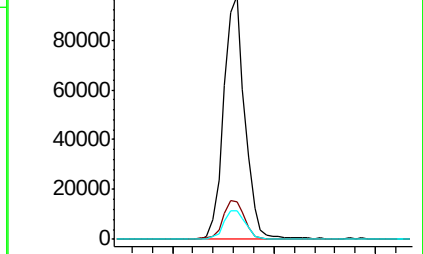
183 11.8 11.4 17.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.585 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

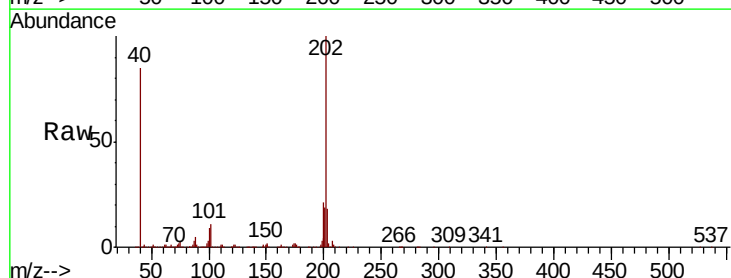
Tgt Ion:202 Resp: 249900

Ion Ratio Lower Upper

202 100

200 21.3 18.2 27.2

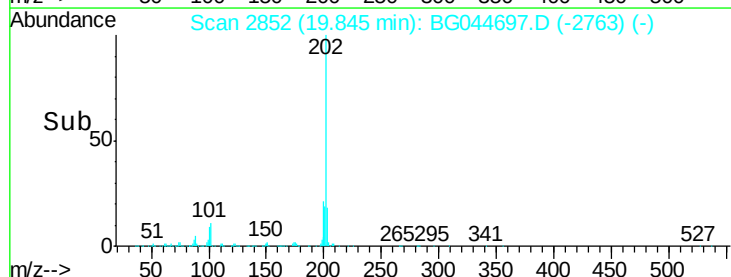
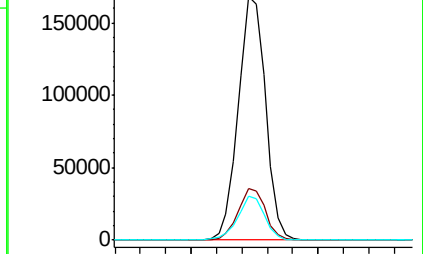
203 18.1 15.2 22.8

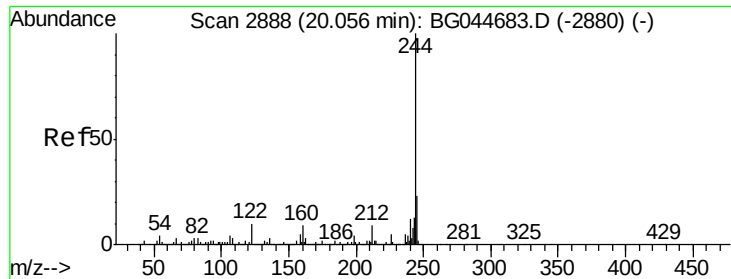


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.662 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

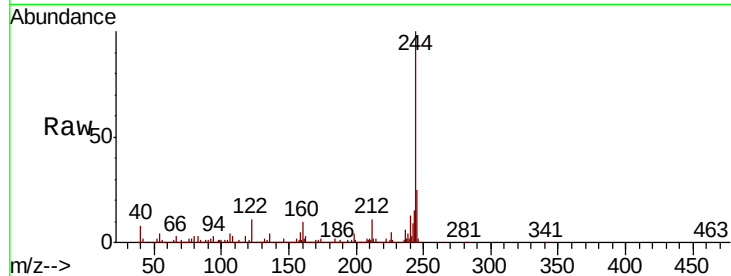
Tot Ion:244 Resp: 2218190

Ion Ratio Lower Upper

244 100

212 10.7 7.5 11.3

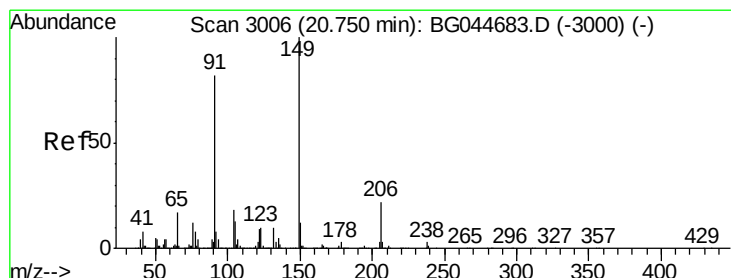
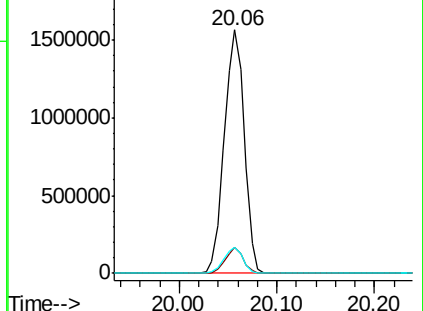
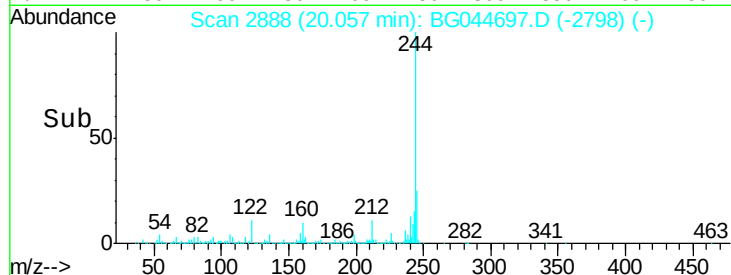
122 10.7 7.7 11.5



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: 6.960 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

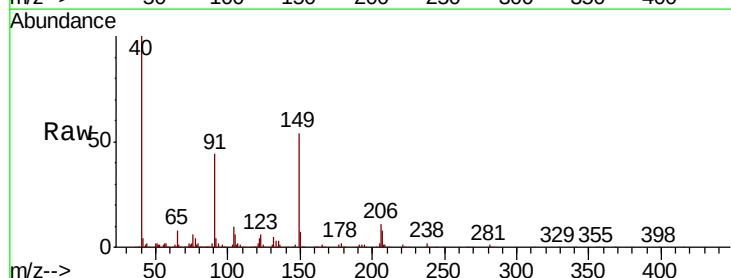
Tgt Ion:149 Resp: 102362

Ion Ratio Lower Upper

149 100

91 82.5 65.7 98.5

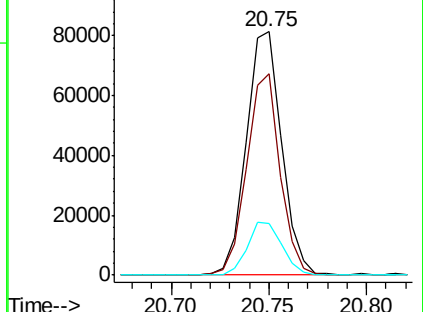
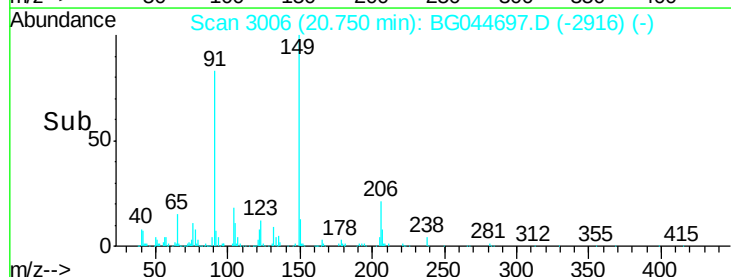
206 21.4 17.3 25.9

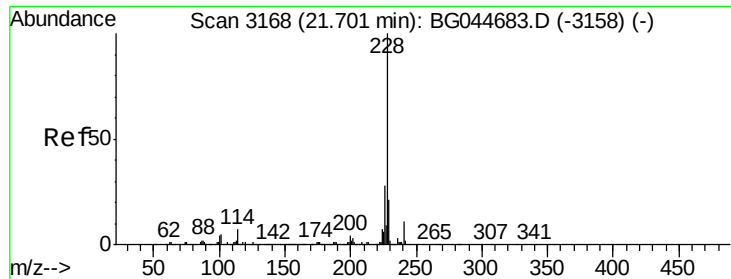


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.652 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

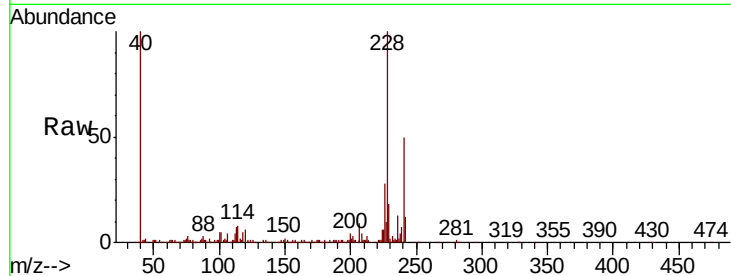
Tot Ion:228 Resp: 247872

Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

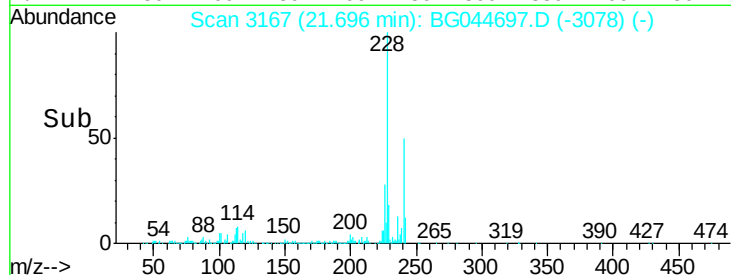
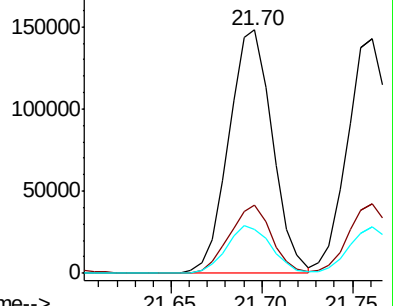
229 18.0 17.0 25.6



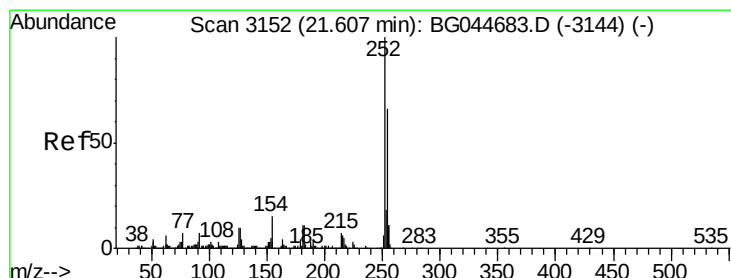
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 8.299 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

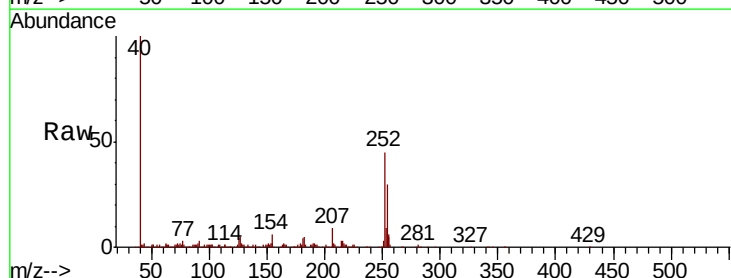
Tgt Ion:252 Resp: 107040

Ion Ratio Lower Upper

252 100

254 65.6 52.6 79.0

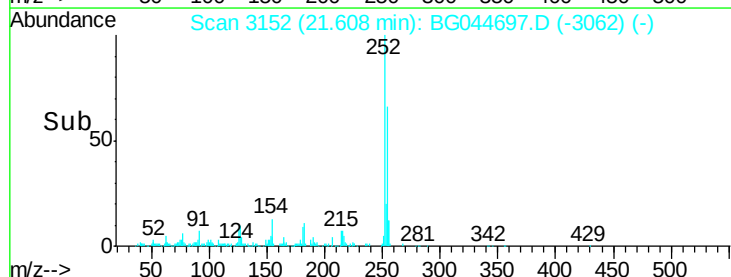
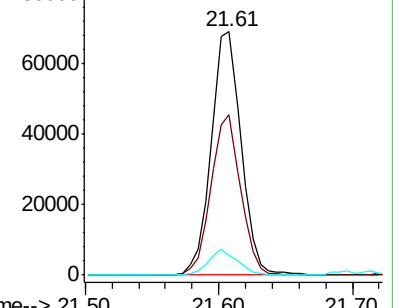
126 8.1 7.8 11.6



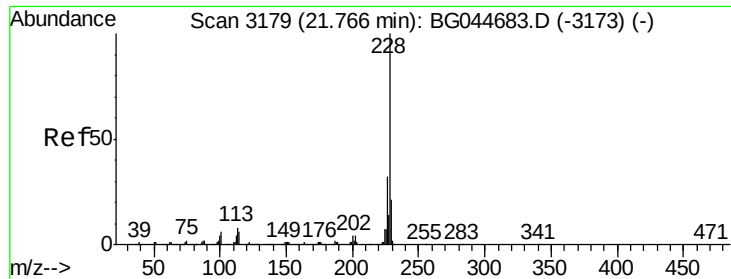
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 7.785 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

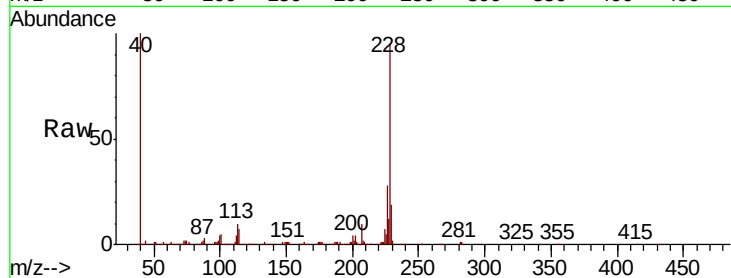
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:228 Resp: 240035

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.8	38.6
229	20.0	16.6	25.0



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

200000

150000

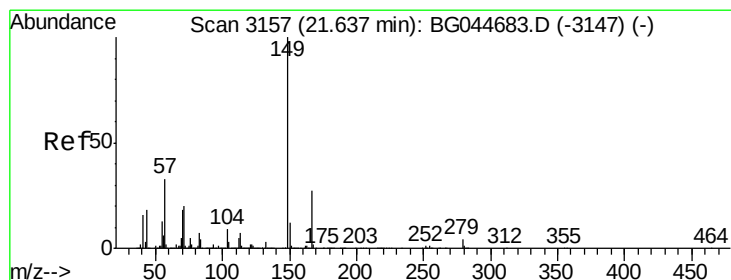
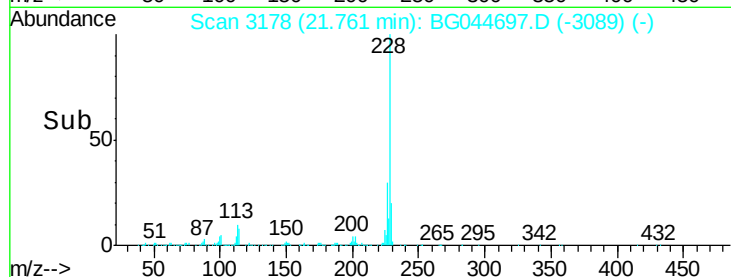
100000

50000

0

21.76

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.621 ng

RT: 21.63 min Scan# 3156

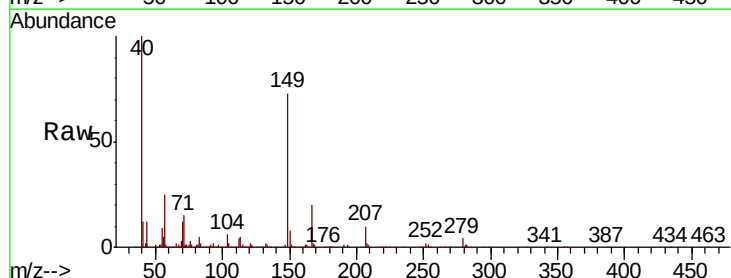
Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Tgt Ion:149 Resp: 156297

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	5.2	3.6	5.4



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

150000

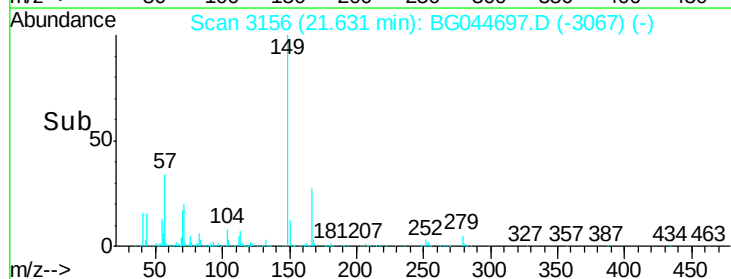
100000

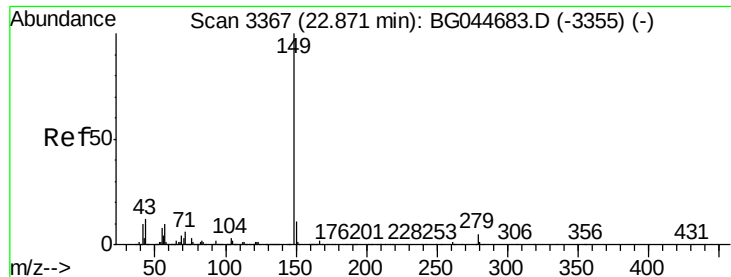
50000

0

21.63

Time-->





#85

Di-n-octyl phthalate

Concen: 7.754 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

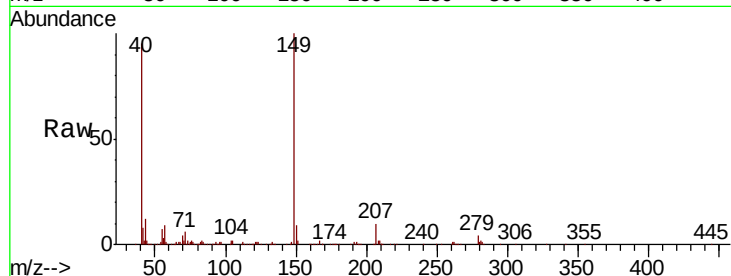
Tot Ion:149 Resp: 273091

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 9.5 14.3



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): B

22.87

200000

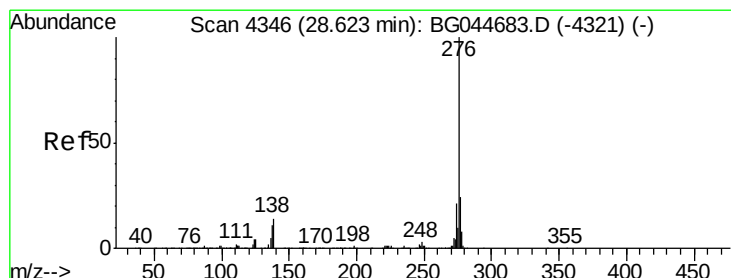
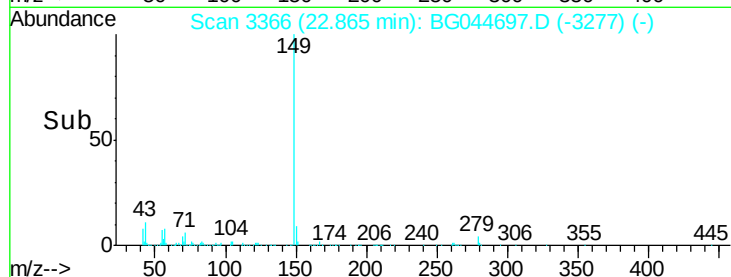
150000

100000

50000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.839 ng

RT: 28.60 min Scan# 4342

Delta R.T. -0.02 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

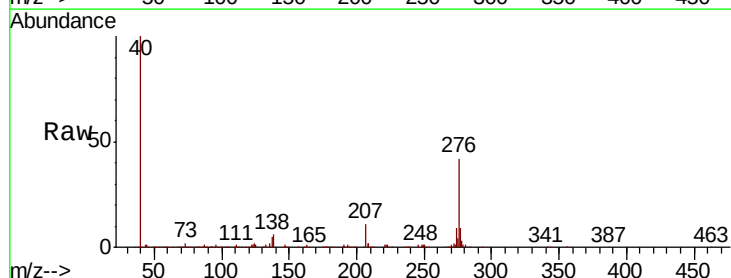
Tgt Ion:276 Resp: 319215

Ion Ratio Lower Upper

276 100

138 11.2 9.5 14.3

277 20.3 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.60

80000

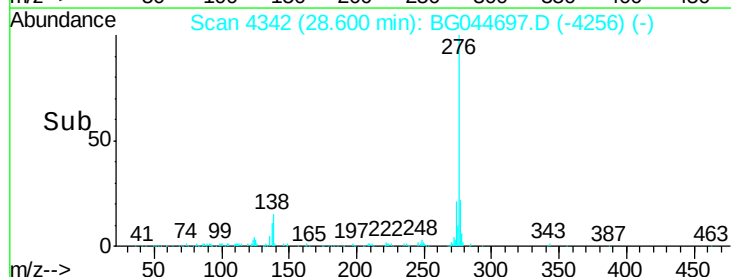
60000

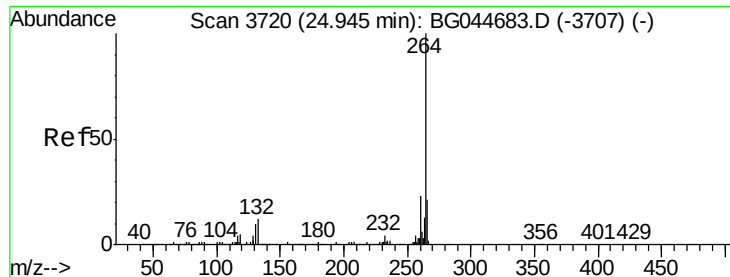
40000

20000

0

Time-->

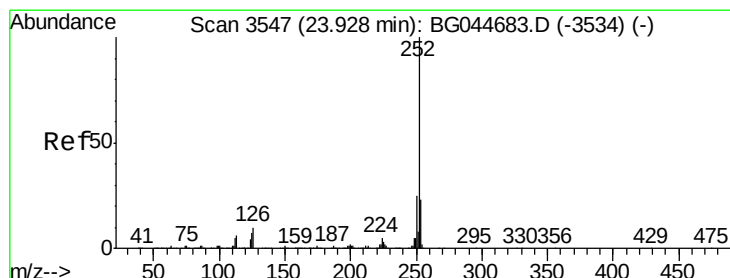
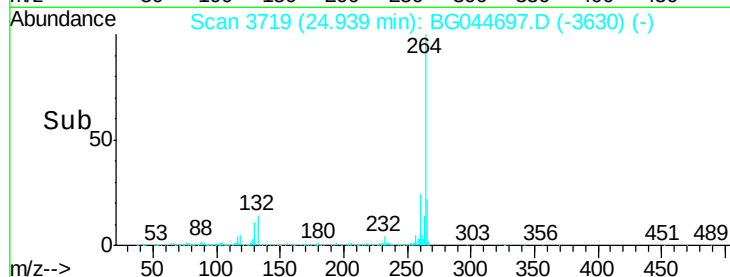
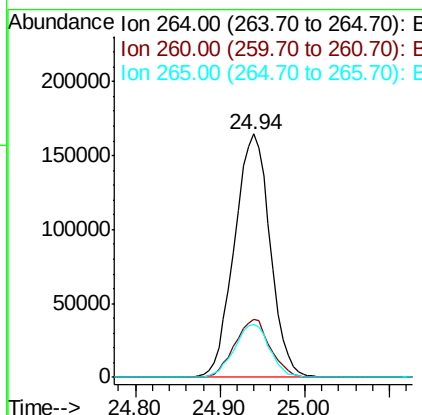
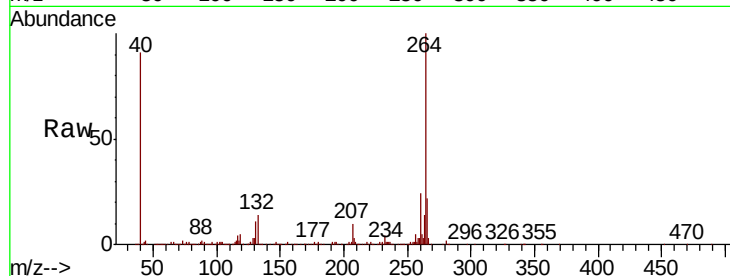




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

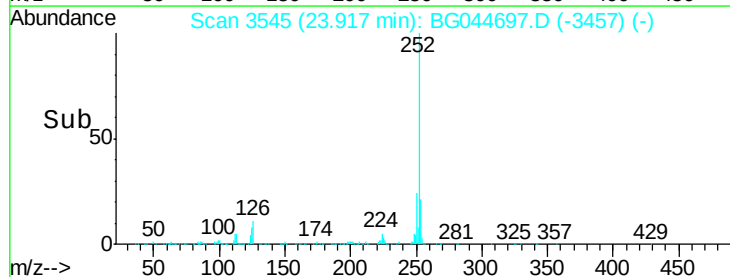
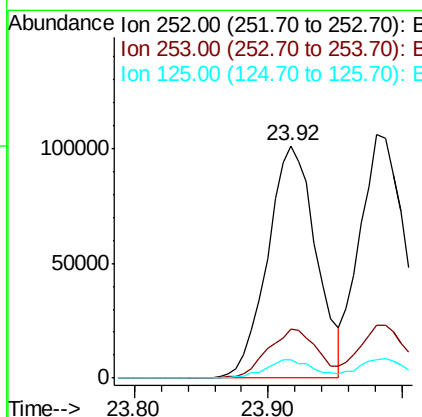
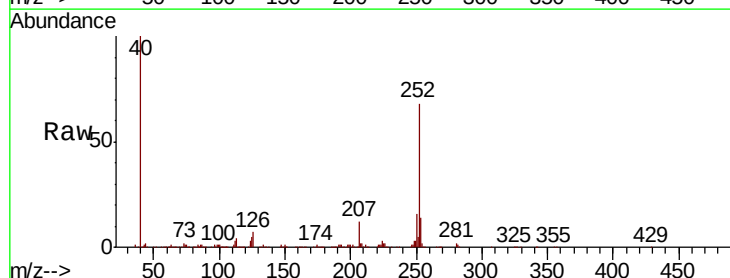
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

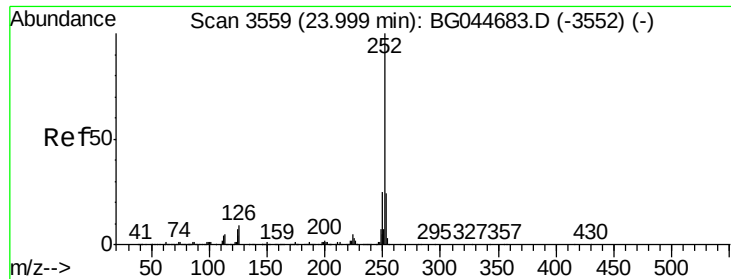
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.0	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 7.788 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG044697.D
Acq: 6 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	7.9	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 8.034 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

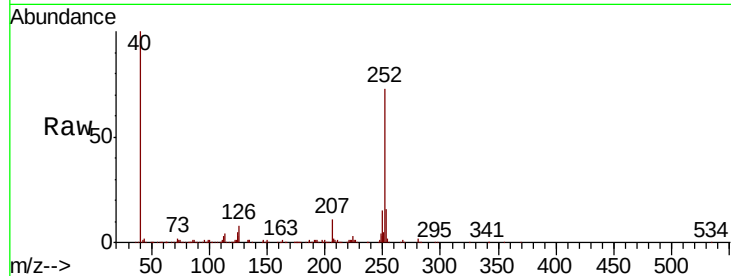
Tot Ion:252 Resp: 246744

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

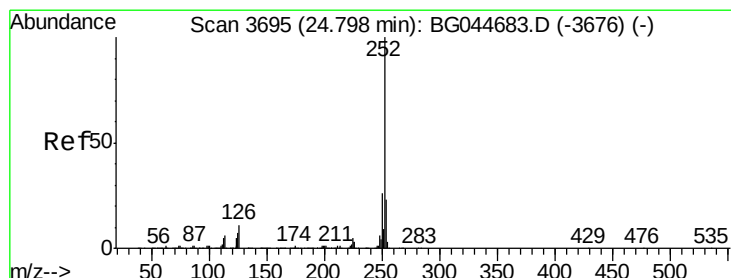
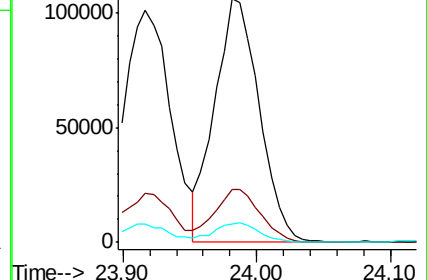
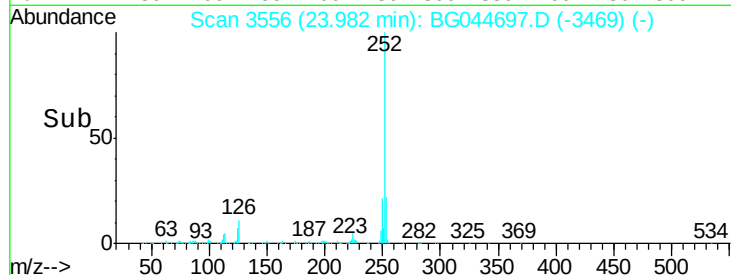
125 7.3 5.8 8.8



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: 7.563 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

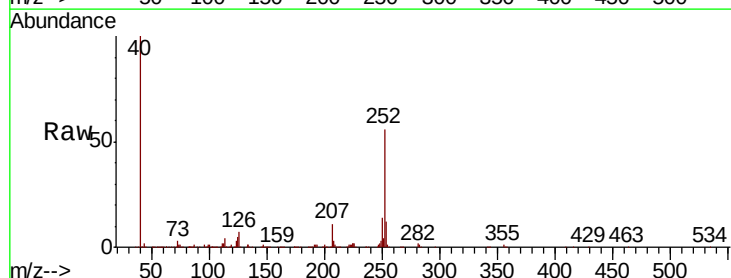
Tgt Ion:252 Resp: 230799

Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

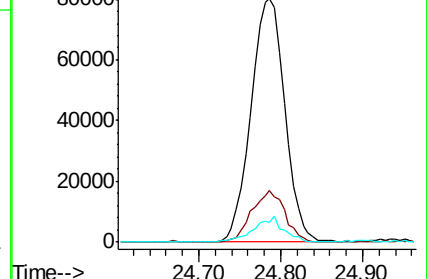
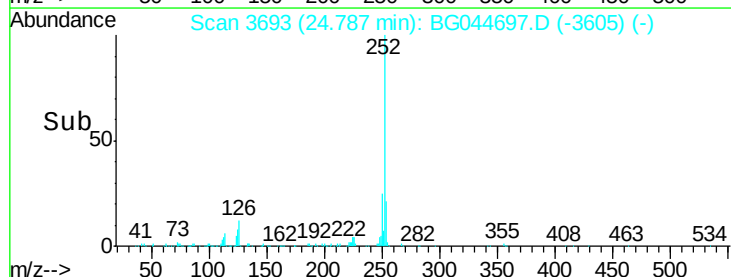
125 8.3 6.0 9.0

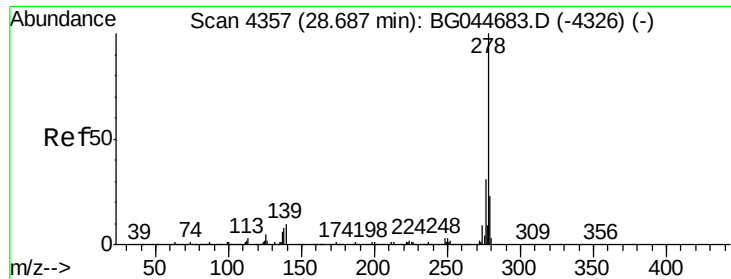


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 8.766 ng

RT: 28.68 min Scan# 4355

Delta R.T. -0.01 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

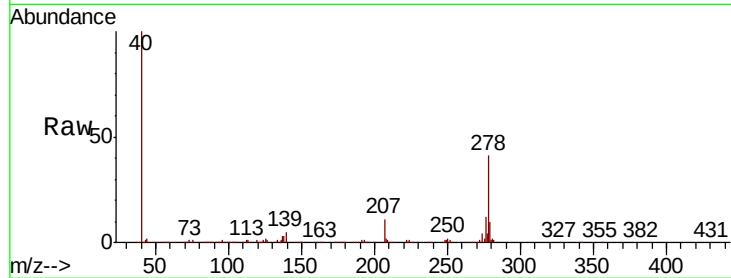
Tot Ion:278 Resp: 266743

Ion Ratio Lower Upper

278 100

139 12.1 8.4 12.6

279 25.4 18.2 27.2

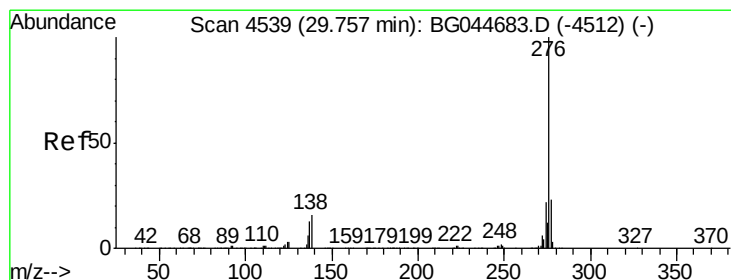
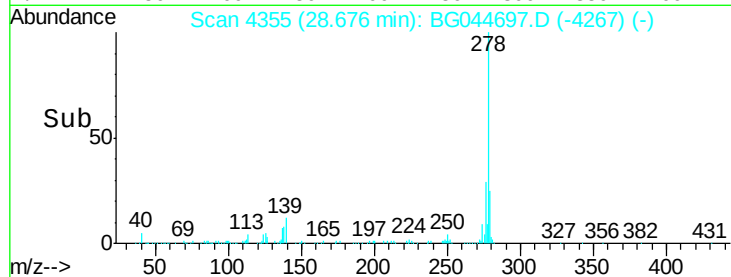
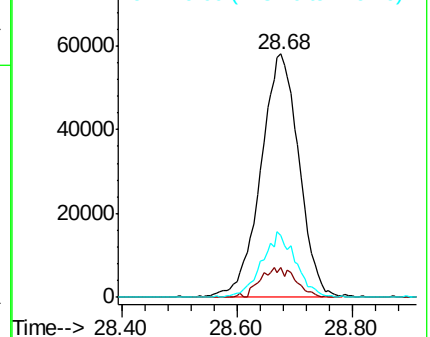


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.022 ng

RT: 29.73 min Scan# 4535

Delta R.T. -0.02 min

Lab File: BG044697.D

Acq: 6 Mar 2020 14:38

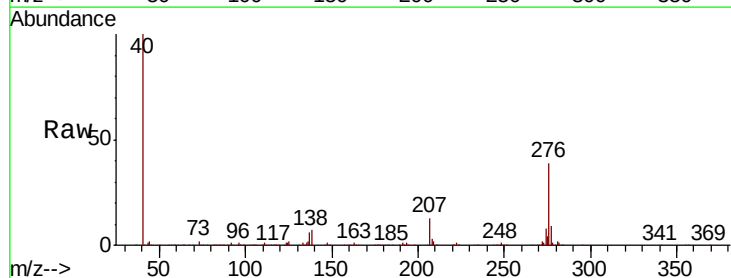
Tgt Ion:276 Resp: 274996

Ion Ratio Lower Upper

276 100

277 22.5 18.7 28.1

138 17.3 12.7 19.1



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

