

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045991.D
 Acq On : 9 Jul 2020 11:45
 Operator : CG/JU
 Sample : L3216-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Quant Time: Jul 09 12:59:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:56:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	147148	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	600816	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	350847	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	702103	20.00	ng	0.00
76) Chrysene-d12	21.62	240	637491	20.00	ng	-0.01
86) Perylene-d12	24.78	264	633672	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	841135	92.70	ng	0.00
7) Phenol-d6	7.16	99	1234207	94.48	ng	0.00
23) Nitrobenzene-d5	9.16	82	881283	84.43	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	302800	92.99	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	1689501	75.11	ng	-0.01
79) Terphenyl-d14	19.98	244	1696950	59.24	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	35119	8.389	ng	98
3) Pyridine	3.91	79	76935	6.078	ng	97
4) n-Nitrosodimethylamine	3.82	42	31622	7.388	ng	# 87
6) Aniline	7.33	93	124226	7.433	ng	97
8) 2-Chlorophenol	7.57	128	68428	7.005	ng	96
9) Benzaldehyde	7.14	77	77447	9.357	ng	97
10) Phenol	7.18	94	93577	7.141	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	77175	7.122	ng	99
12) 1,3-Dichlorobenzene	7.90	146	78697	6.990	ng	94
13) 1,4-Dichlorobenzene	8.04	146	79380	7.167	ng	96
14) 1,2-Dichlorobenzene	8.36	146	75122	7.047	ng	95
15) Benzyl Alcohol	8.24	79	68018	6.640	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	99965	7.070	ng	97
17) 2-Methylphenol	8.44	107	63004	6.407	ng	98
18) Hexachloroethane	9.09	117	30491	7.155	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	66113	7.204	ng	94
20) 3+4-Methylphenols	8.76	107	86599	6.462	ng	94
22) Acetophenone	8.82	105	119840	7.466	ng	# 98
24) Nitrobenzene	9.20	77	90318	7.839	ng	99
25) Isophorone	9.72	82	170905	6.707	ng	98
26) 2-Nitrophenol	9.90	139	25470	6.782	ng	95
27) 2,4-Dimethylphenol	9.97	122	66514	7.333	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	101541	7.096	ng	99
29) 2,4-Dichlorophenol	10.44	162	61500	6.550	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	71571	6.879	ng	97
31) Naphthalene	10.86	128	232461	7.217	ng	98
32) Benzoic acid	10.03	122	13711	2.792	ng	85
33) 4-Chloroaniline	10.95	127	93166	6.473	ng	95
34) Hexachlorobutadiene	11.16	225	39155	6.446	ng	91
35) Caprolactam	11.69	113	21774	6.108	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	70291	6.573	ng	95
37) 2-Methylnaphthalene	12.45	142	164738	7.195	ng	98
38) 1-Methylnaphthalene	12.68	142	154098	7.132	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	74281	7.511	ng	99

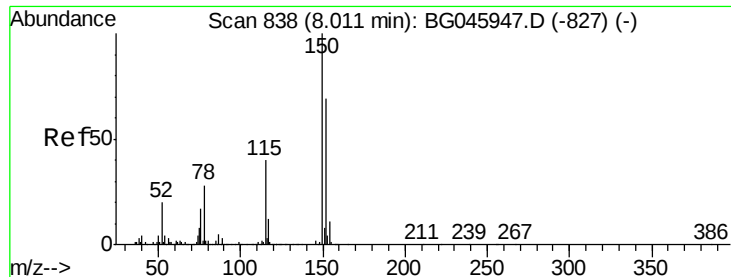
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	38661	6.588	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	43543	6.510	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	48910	6.467	ng	96
46) 1,1'-Biphenyl	13.46	154	209291	7.930	ng	97
47) 2-Chloronaphthalene	13.51	162	147462	7.081	ng	99
48) 2-Nitroaniline	13.69	65	38648	7.930	ng	98
49) Acenaphthylene	14.35	152	245356	7.303	ng	95
50) Dimethylphthalate	14.08	163	178969	6.797	ng	98
51) 2,6-Dinitrotoluene	14.19	165	32579	7.974	ng	99
52) Acenaphthene	14.69	154	146083	6.893	ng	99
53) 3-Nitroaniline	14.51	138	36290	7.168	ng #	87
54) 2,4-Dinitrophenol	14.72	184	6874	4.770	ng #	58
55) Dibenzofuran	15.02	168	227356	7.319	ng	97
56) 4-Nitrophenol	14.82	139	26993	6.292	ng	90
57) 2,4-Dinitrotoluene	14.97	165	39327	7.790	ng #	98
58) Fluorene	15.67	166	183026	7.182	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.24	232	38161	6.536	ng	93
60) Diethylphthalate	15.44	149	185874	6.731	ng	96
61) 4-Chlorophenyl-phenylether	15.67	204	85868	6.773	ng	94
62) 4-Nitroaniline	15.67	138	39150	7.194	ng	96
63) Azobenzene	15.96	77	213085	7.190	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	11185	5.439	ng	97
66) n-Nitrosodiphenylamine	15.88	169	157963	7.260	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	50618	6.455	ng	95
68) Hexachlorobenzene	16.68	284	55387	7.039	ng	96
69) Atrazine	16.82	200	50756	7.890	ng	97
70) Pentachlorophenol	17.02	266	22152	5.063	ng	93
71) Phenanthrene	17.41	178	274616	7.398	ng	98
72) Anthracene	17.50	178	282214	7.492	ng	97
73) Carbazole	17.76	167	265777	7.039	ng #	93
74) Di-n-butylphthalate	18.34	149	308163	6.754	ng	96
75) Fluoranthene	19.41	202	314603	7.332	ng	96
77) Benzidine	19.59	184	153506	8.422	ng	97
78) Pyrene	19.78	202	326370	7.500	ng	93
80) Butylbenzylphthalate	20.68	149	125202	6.089	ng	97
81) Benzo(a)anthracene	21.61	228	299905	7.155	ng	92
82) 3,3'-Dichlorobenzidine	21.52	252	107875	6.965	ng #	92
83) Chrysene	21.67	228	276459	6.923	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	190140	6.370	ng	95
85) Di-n-octyl phthalate	22.75	149	308517	5.956	ng	98
87) Indeno(1,2,3-cd)pyrene	28.34	276	312606	6.743	ng #	84
88) Benzo(b)fluoranthene	23.78	252	276350	6.870	ng	98
89) Benzo(k)fluoranthene	23.84	252	285979	7.519	ng	97
90) Benzo(a)pyrene	24.63	252	256500	6.781	ng	95
91) Dibenzo(a,h)anthracene	28.41	278	259167	6.931	ng	99
92) Benzo(g,h,i)perylene	29.45	276	263425	7.001	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

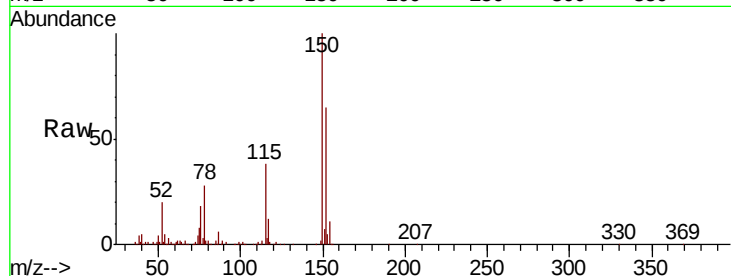
Tot Ion:152 Resp: 147148

Ion Ratio Lower Upper

152 100

150 152.8 116.7 175.1

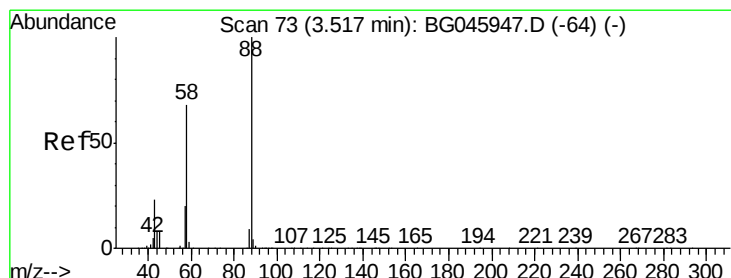
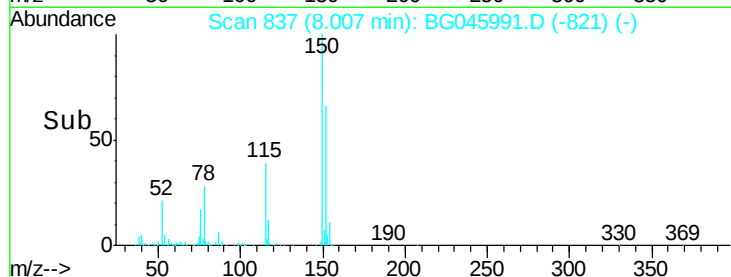
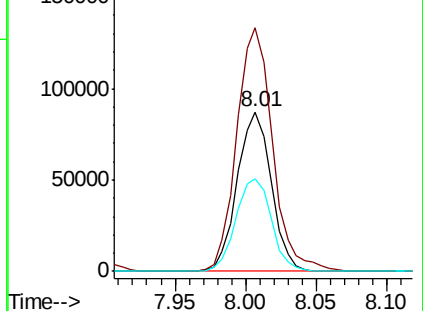
115 58.2 47.4 71.0



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: 8.389 ng

RT: 3.52 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

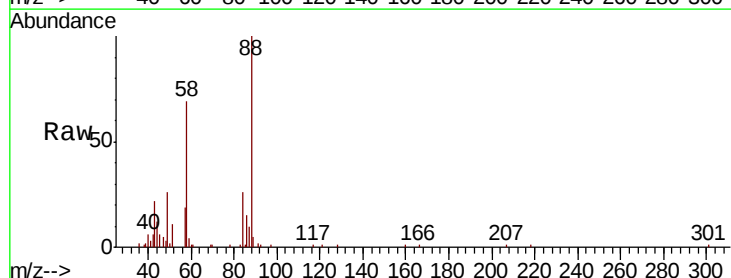
Tgt Ion: 88 Resp: 35119

Ion Ratio Lower Upper

88 100

58 70.2 55.2 82.8

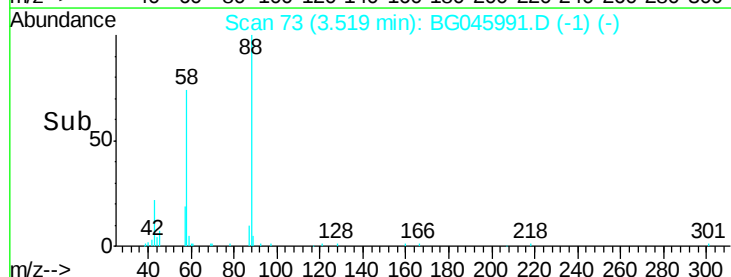
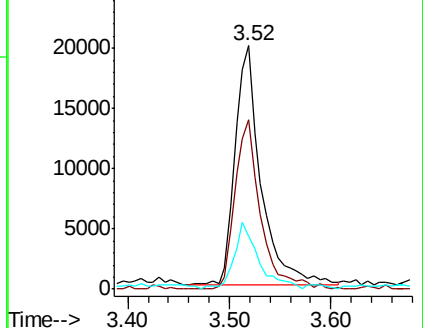
43 26.5 19.4 29.0

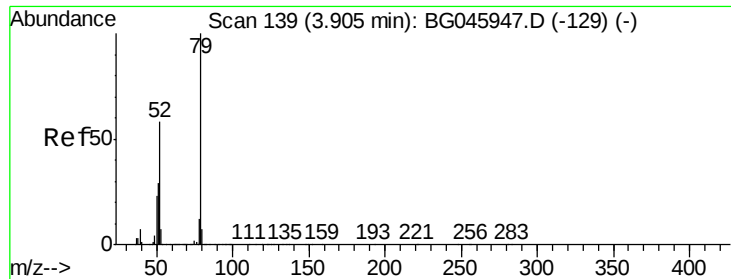


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 6.078 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

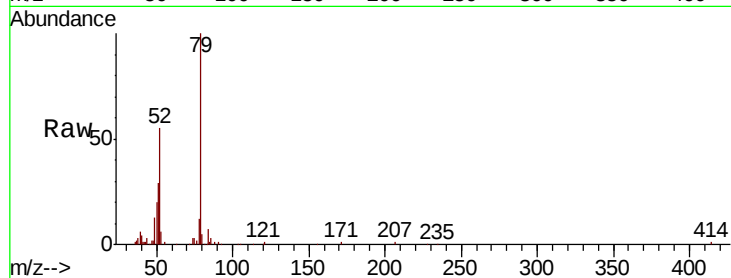
Tot Ion: 79 Resp: 76935

Ion Ratio Lower Upper

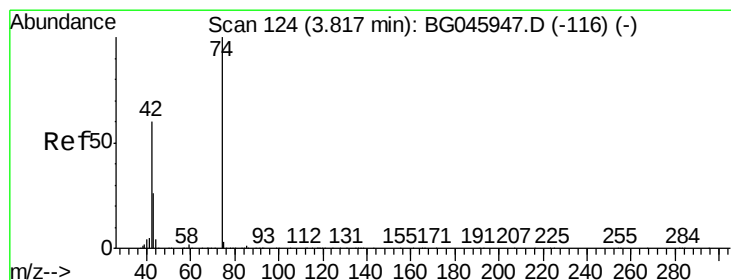
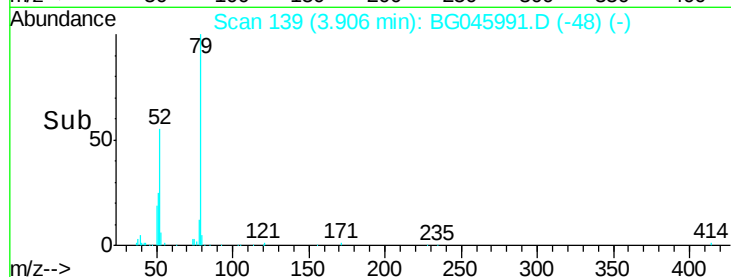
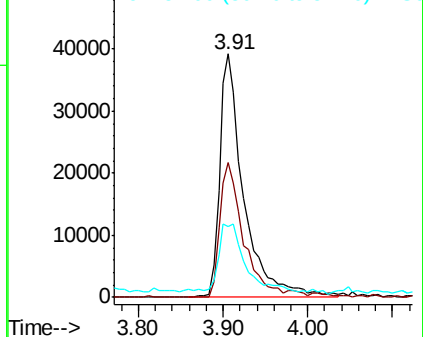
79 100

52 55.4 46.5 69.7

51 28.9 23.5 35.3



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



#4

n-Nitrosodimethylamine

Concen: 7.388 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

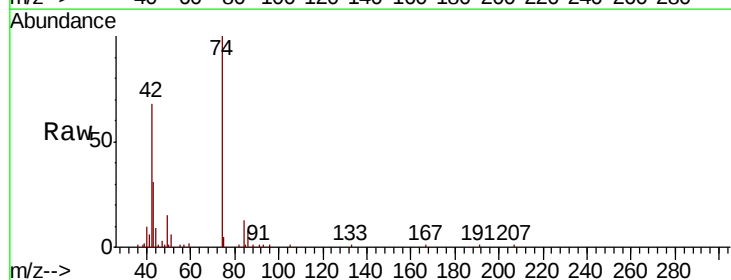
Tgt Ion: 42 Resp: 31622

Ion Ratio Lower Upper

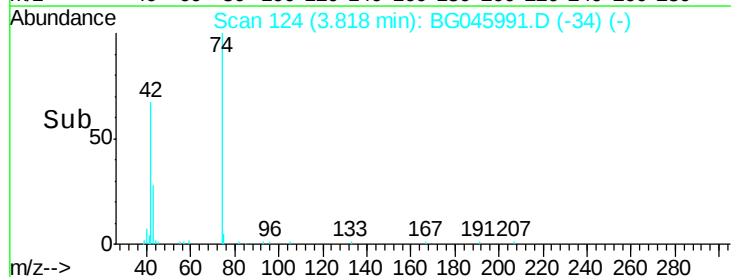
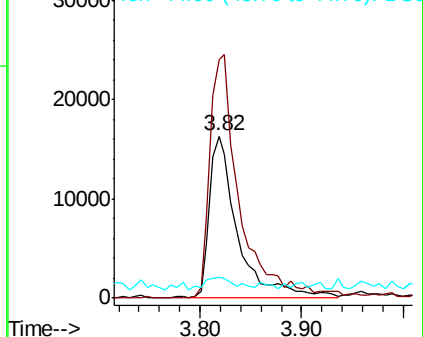
42 100

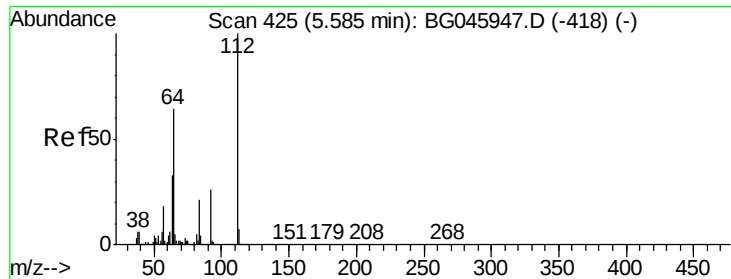
74 146.9 131.9 197.9

44 13.1 7.7 11.5#



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





#5

2-Fluorophenol

Concen: 92.699 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

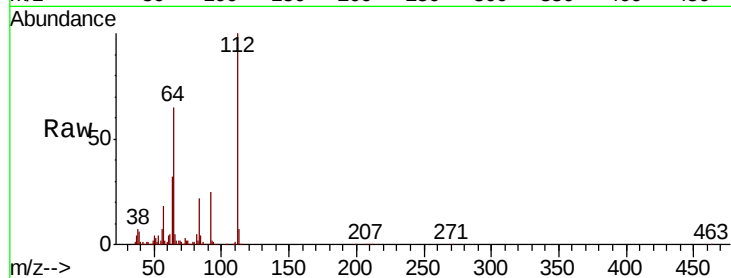
Tot Ion:112 Resp: 841135

Ion Ratio Lower Upper

112 100

64 64.7 51.4 77.2

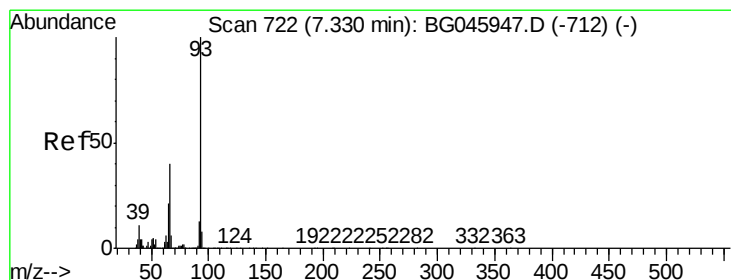
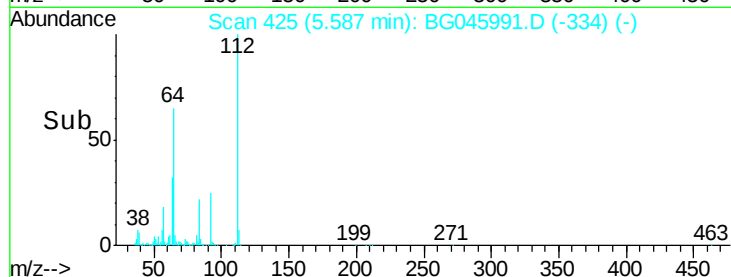
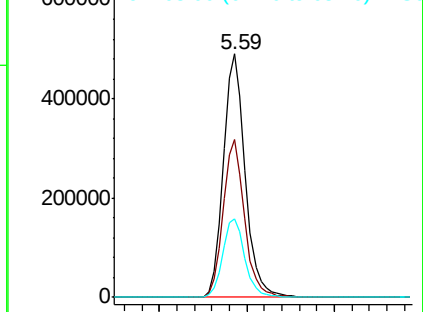
63 32.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.433 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

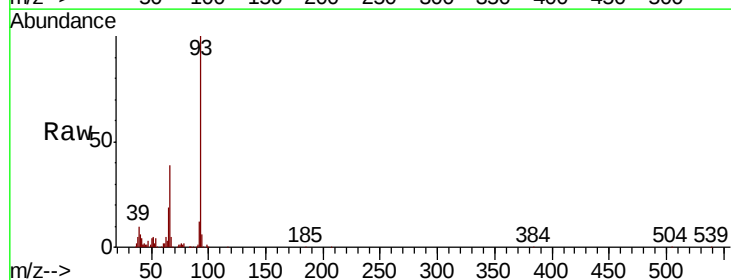
Tgt Ion: 93 Resp: 124226

Ion Ratio Lower Upper

93 100

66 39.2 32.3 48.5

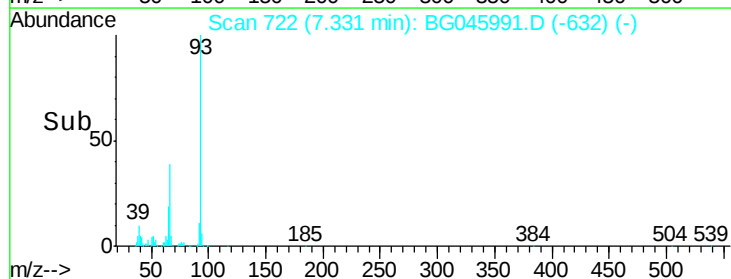
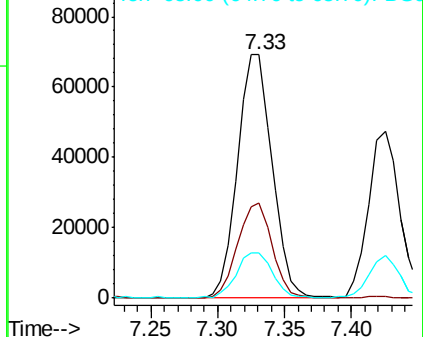
65 18.7 16.6 25.0

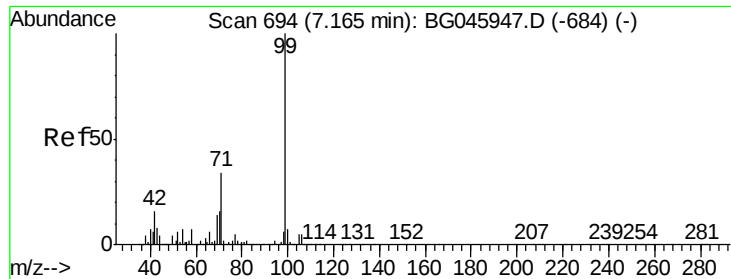


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.476 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

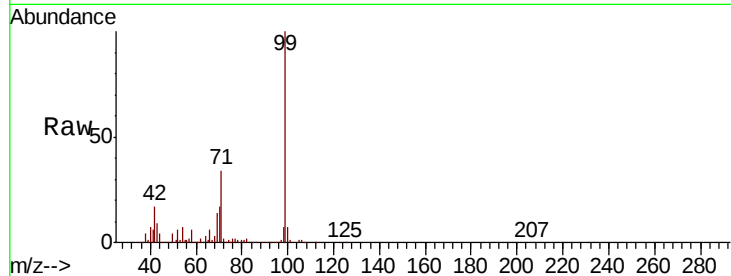
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion: 99 Resp: 1234207

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.0	19.4
71	34.1	27.5	41.3

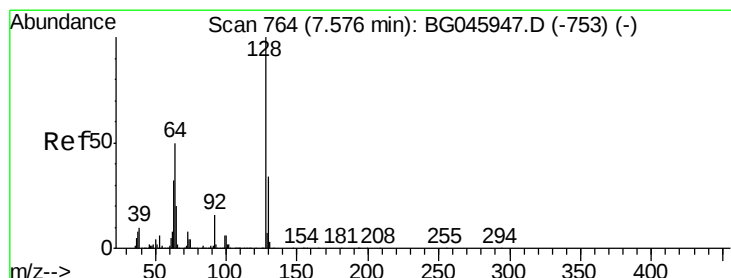
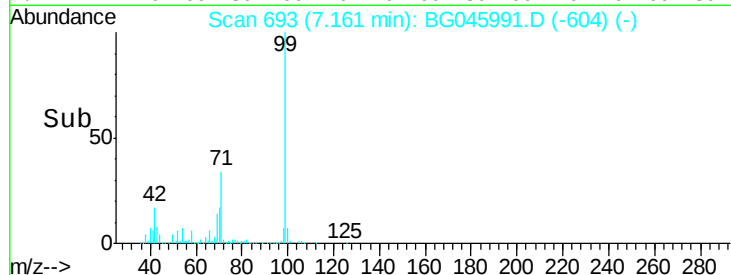
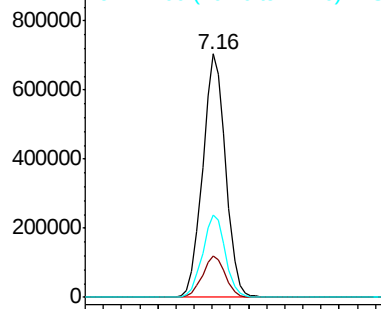


Abundance

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: 7.005 ng

RT: 7.57 min Scan# 763

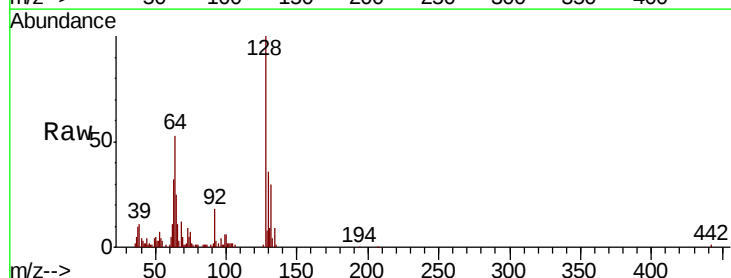
Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion: 128 Resp: 68428

Ion	Ratio	Lower	Upper
128	100		
130	35.8	13.6	53.6
64	53.2	30.6	70.6

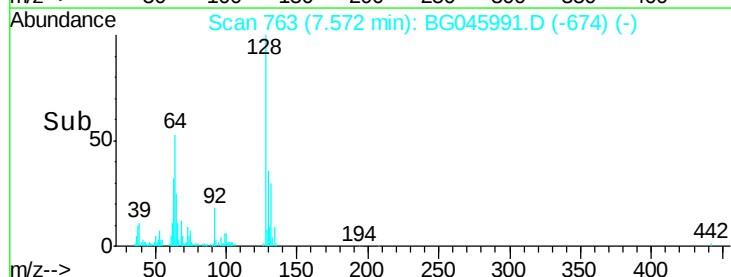
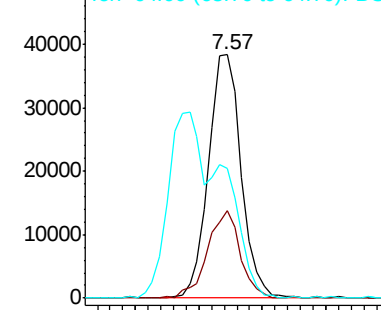


Abundance

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: 9.357 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

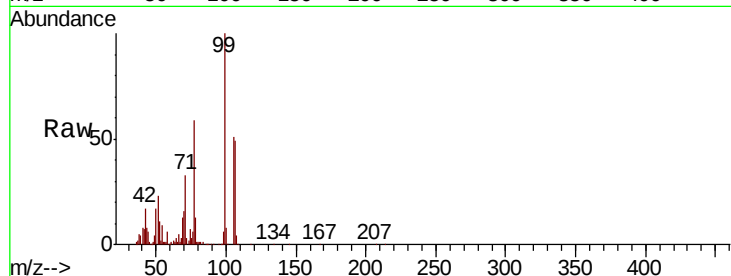
Tot Ion: 77 Resp: 77447

Ion Ratio Lower Upper

77 100

105 86.9 66.0 106.0

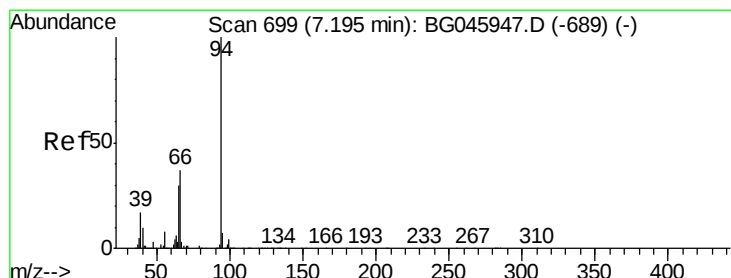
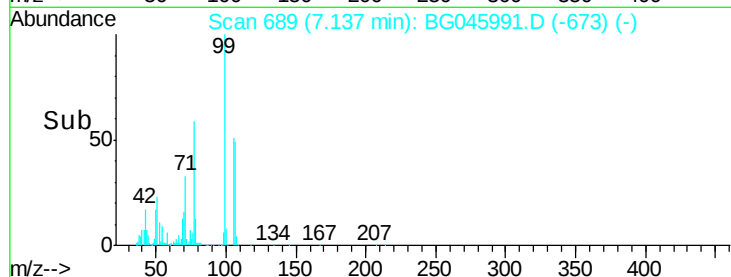
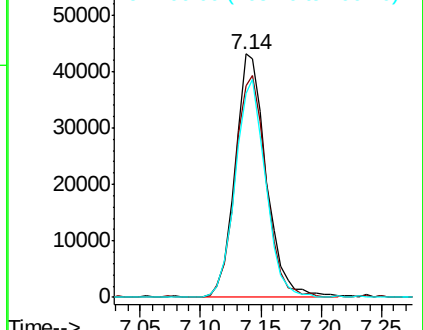
106 83.7 67.7 107.7



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: 7.141 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

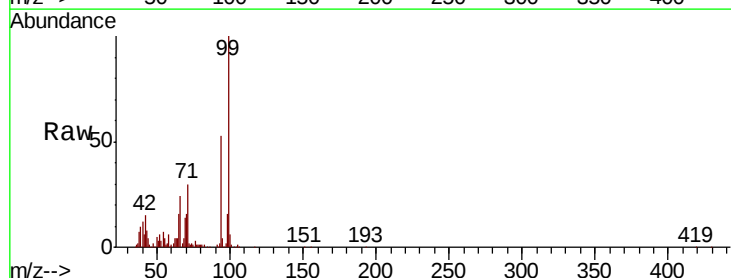
Tgt Ion: 94 Resp: 93577

Ion Ratio Lower Upper

94 100

65 30.0 10.6 50.6

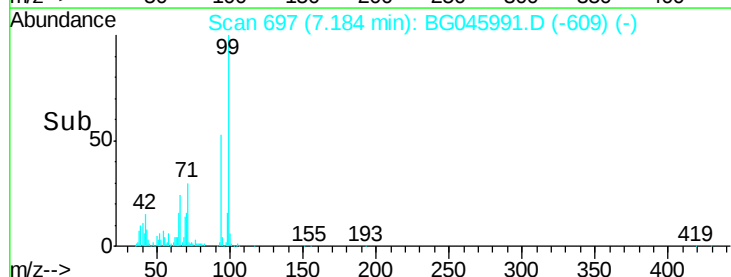
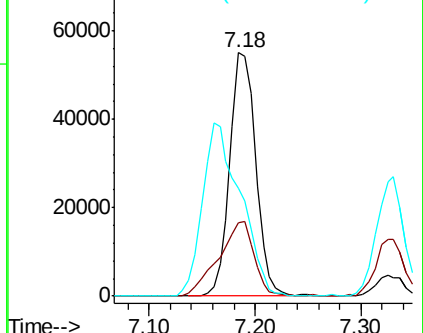
66 44.5 17.1 57.1

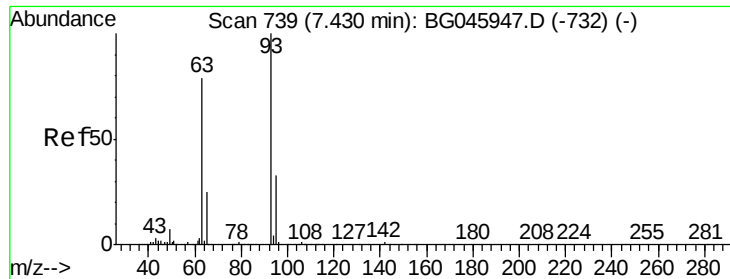


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

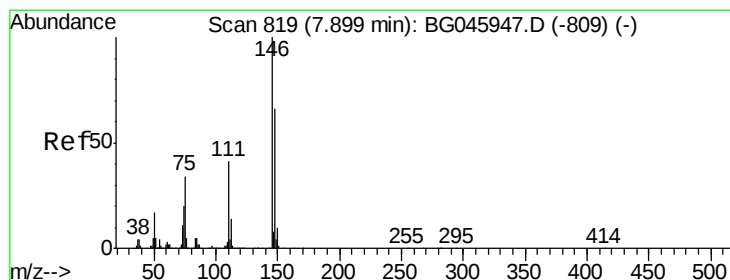
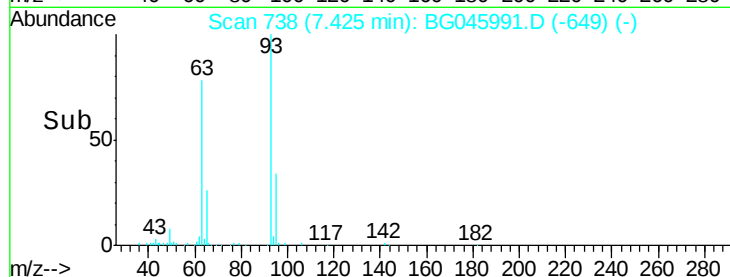
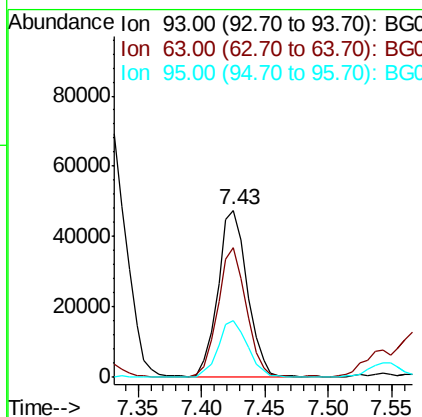
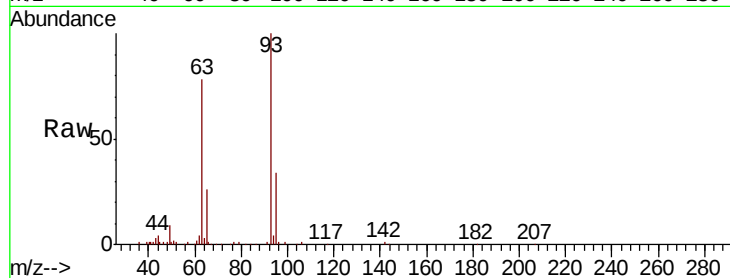




#11
bis(2-Chloroethyl)ether
Concen: 7.122 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

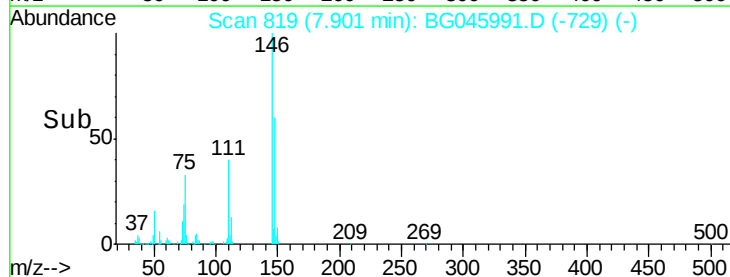
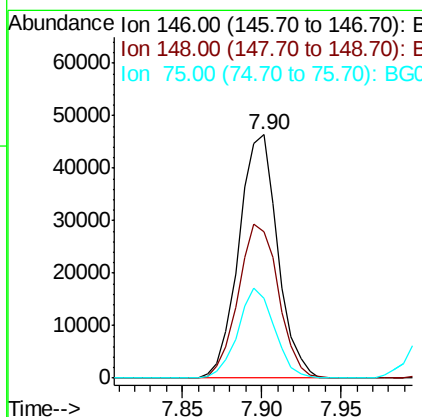
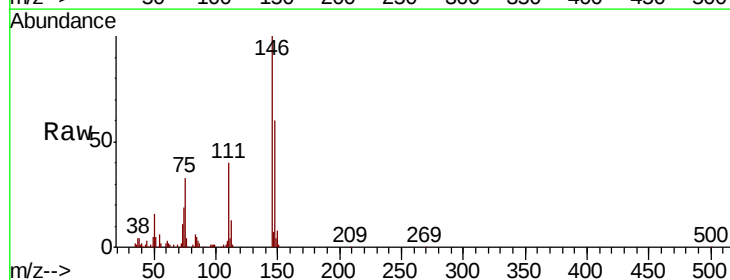
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

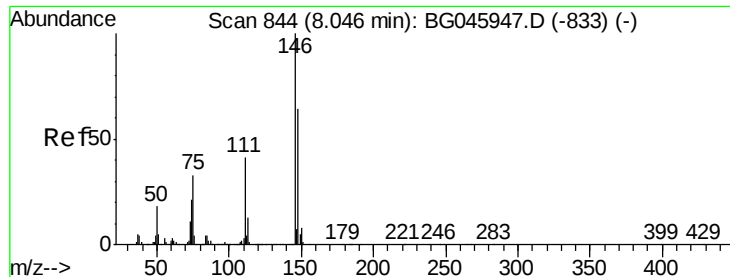
Tot Ion: 93 Resp: 77175
Ion Ratio Lower Upper
93 100
63 77.9 58.6 98.6
95 34.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 6.990 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion: 146 Resp: 78697
Ion Ratio Lower Upper
146 100
148 59.9 52.8 79.2
75 32.9 27.2 40.8

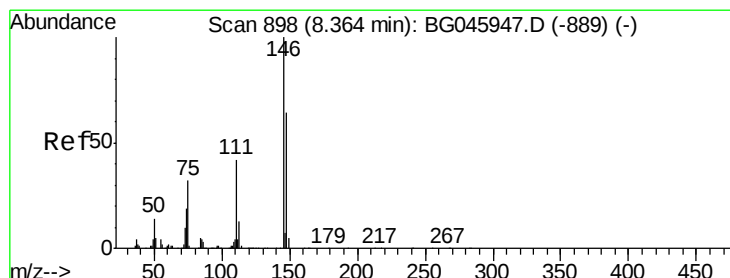
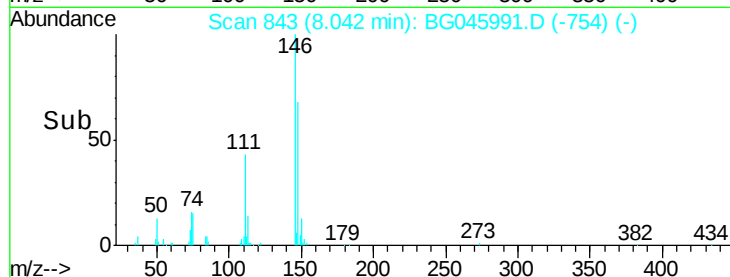
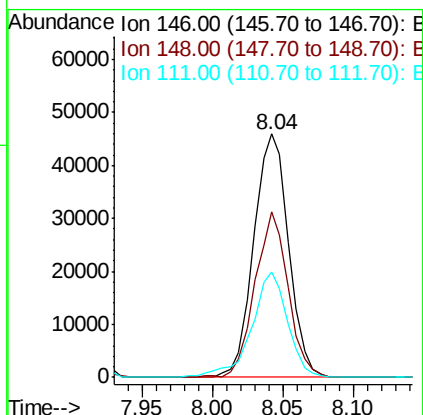
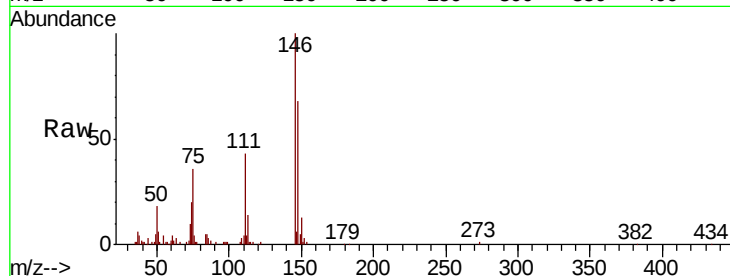




#13
 1,4-Dichlorobenzene
 Concen: 7.167 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

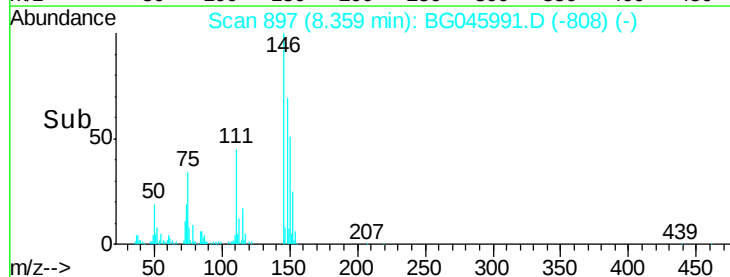
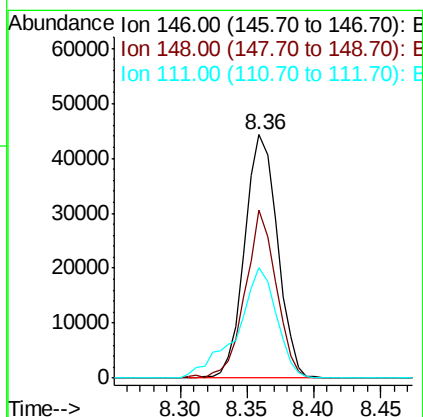
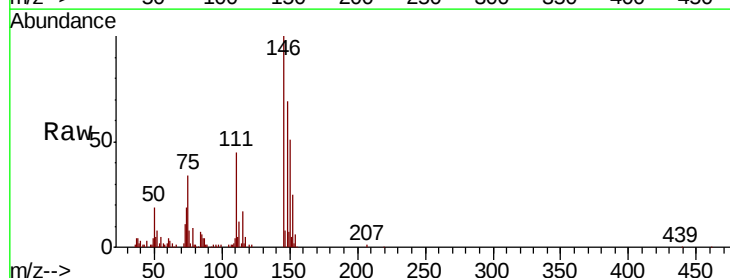
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

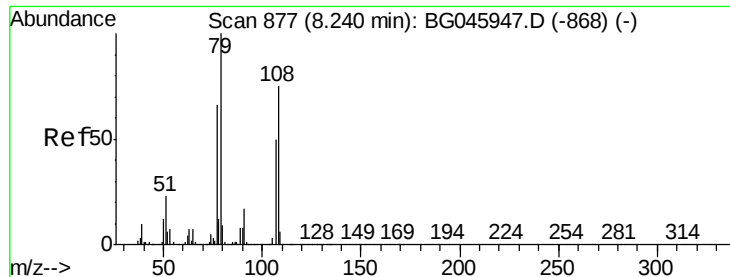
Tot Ion:146 Resp: 79380
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.7 77.5
 111 43.1 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 7.047 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion:146 Resp: 75122
 Ion Ratio Lower Upper
 146 100
 148 69.2 51.6 77.4
 111 45.3 34.0 51.0





#15

Benzyl Alcohol

Concen: 6.640 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

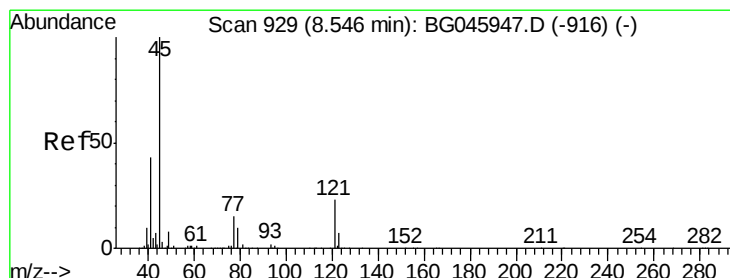
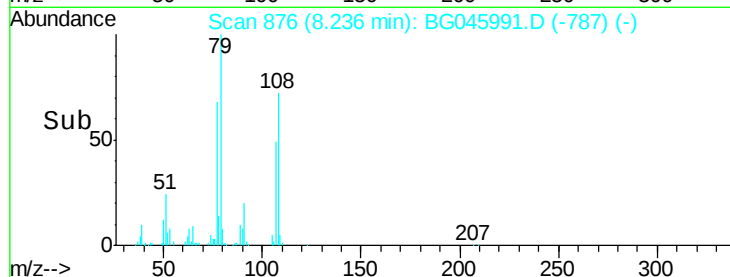
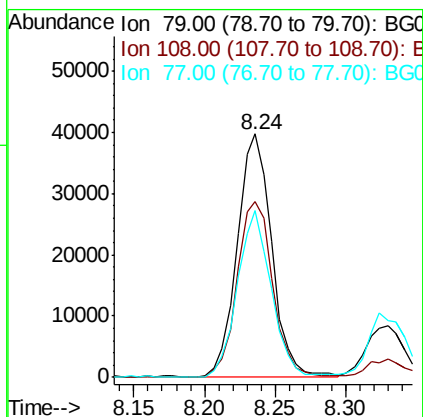
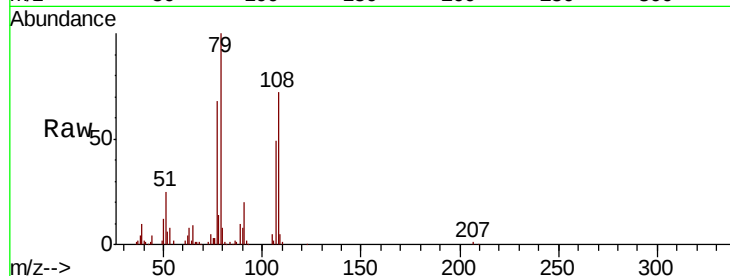
Tot Ion: 79 Resp: 68018

Ion Ratio Lower Upper

79 100

108 72.3 60.2 90.4

77 68.5 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.070 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

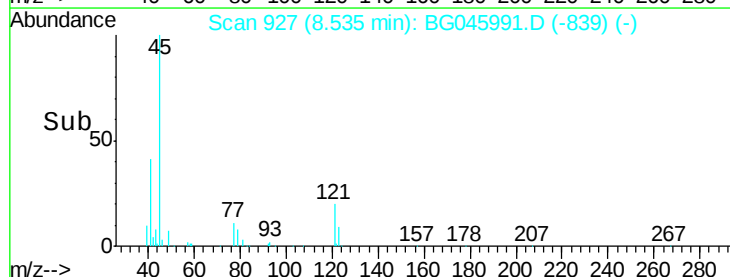
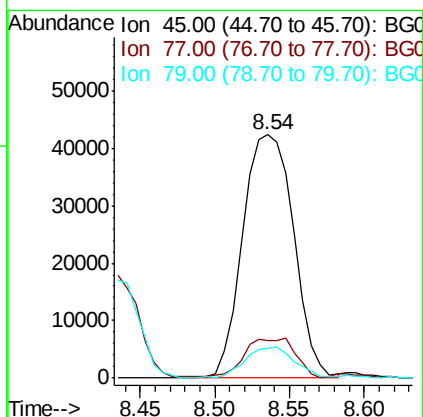
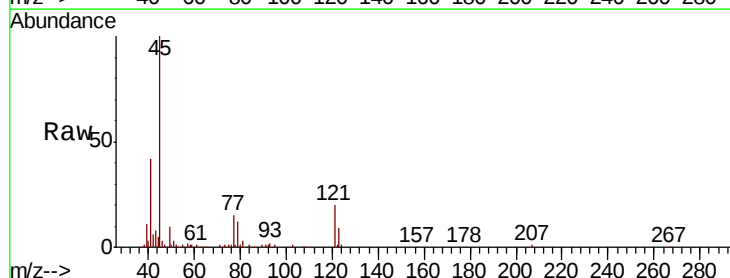
Tgt Ion: 45 Resp: 99965

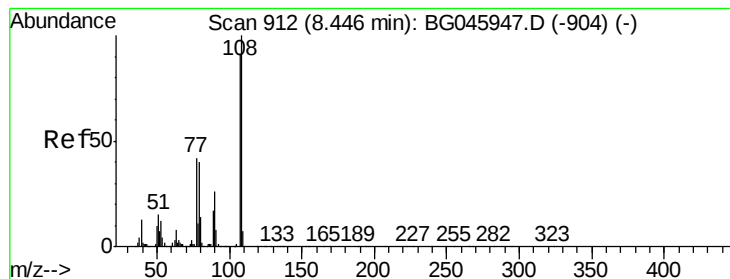
Ion Ratio Lower Upper

45 100

77 15.4 0.0 37.6

79 12.2 0.0 32.6





#17

2-Methylphenol

Concen: 6.407 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:107 Resp: 63004

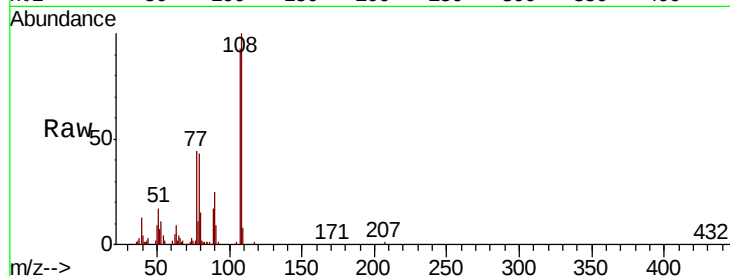
Ion Ratio Lower Upper

107 100

108 107.5 88.2 132.4

77 47.6 37.0 55.4

79 45.7 35.4 53.0

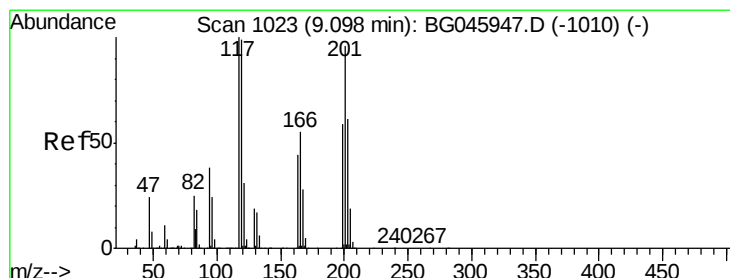
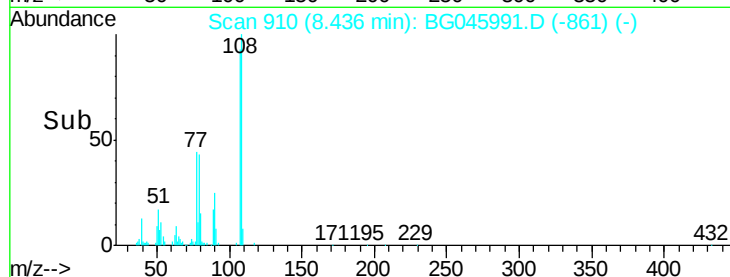
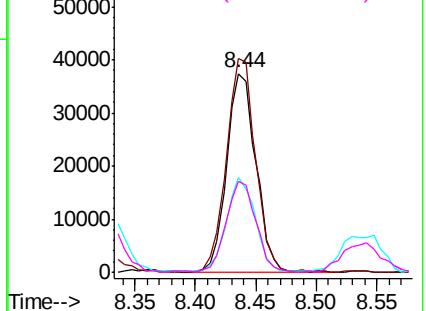


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 7.155 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

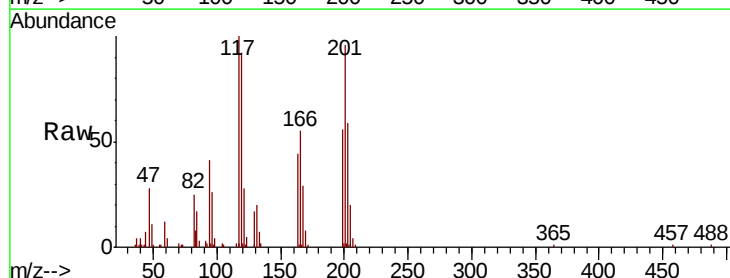
Tgt Ion:117 Resp: 30491

Ion Ratio Lower Upper

117 100

119 92.5 79.5 119.3

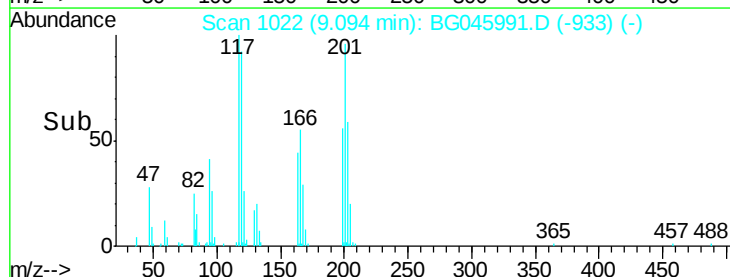
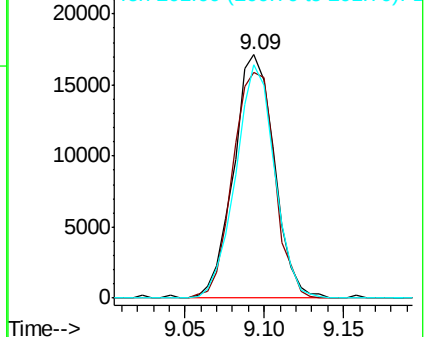
201 95.7 77.0 115.4

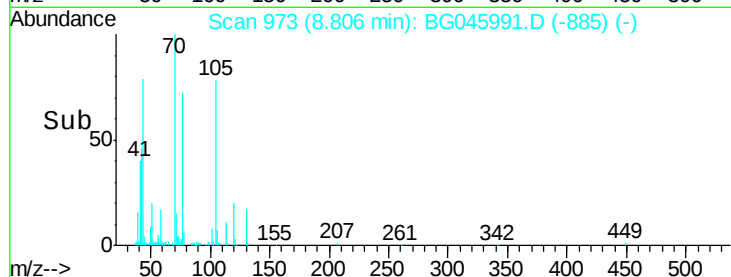
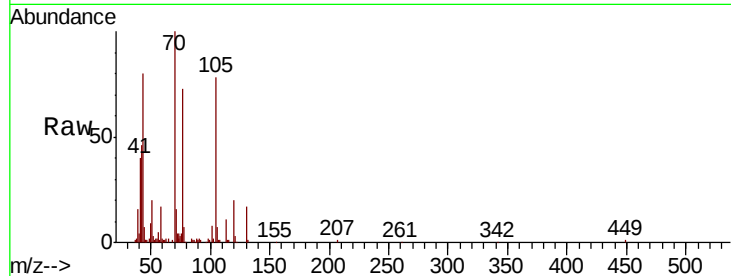
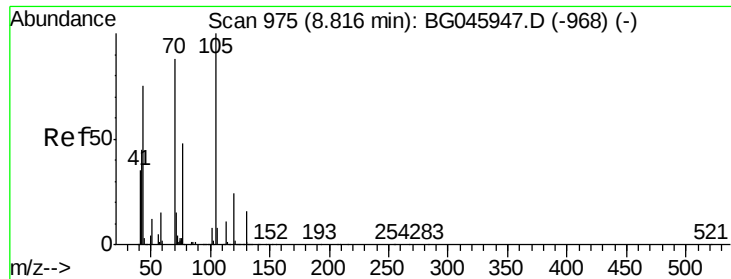


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

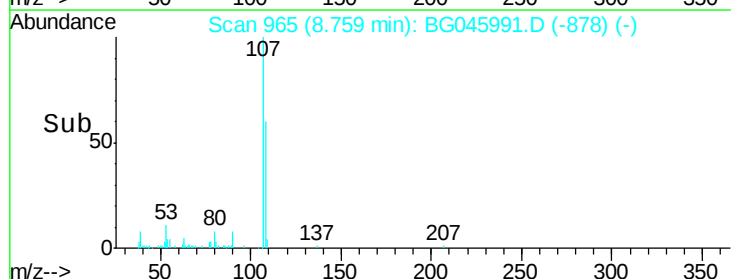
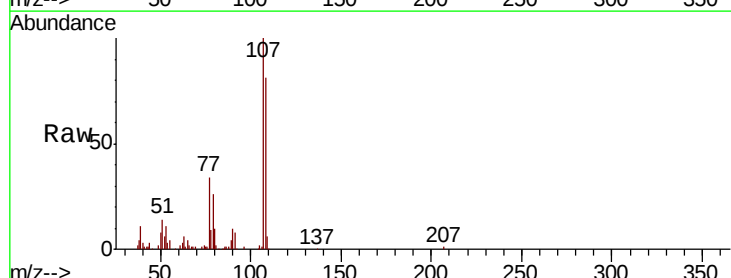
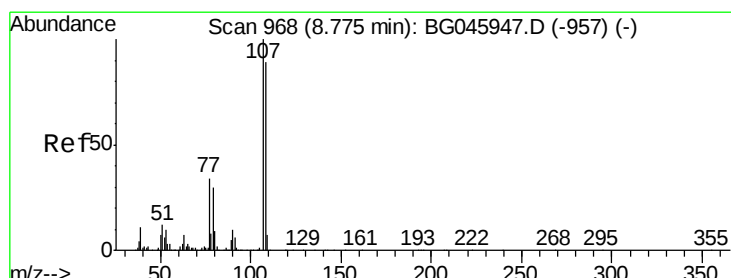
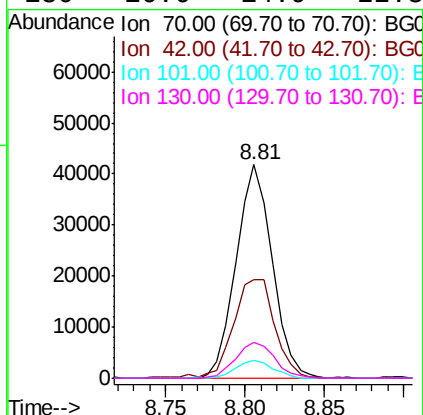




#19
n-Nitroso-di-n-propylamine
Concen: 7.204 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

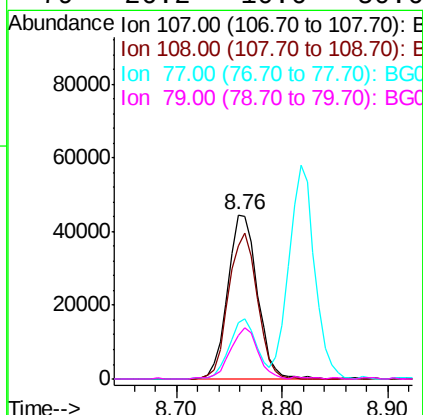
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

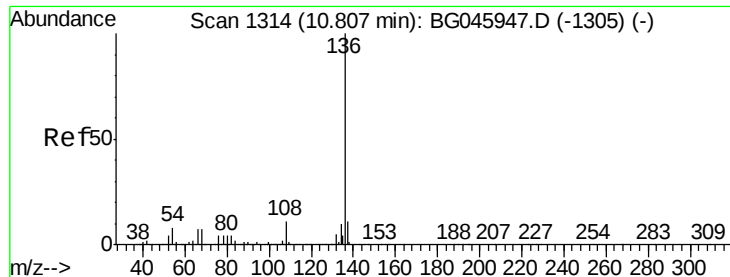
Tot Ion:	70	Resp:	66113
Ion	Ratio	Lower	Upper
70	100		
42	46.2	41.4	62.0
101	8.5	7.1	10.7
130	16.6	14.9	22.3



#20
3+4-Methylphenols
Concen: 6.462 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:	107	Resp:	86599
Ion	Ratio	Lower	Upper
107	100		
108	81.2	68.7	108.7
77	34.4	14.6	54.6
79	26.2	10.6	50.6

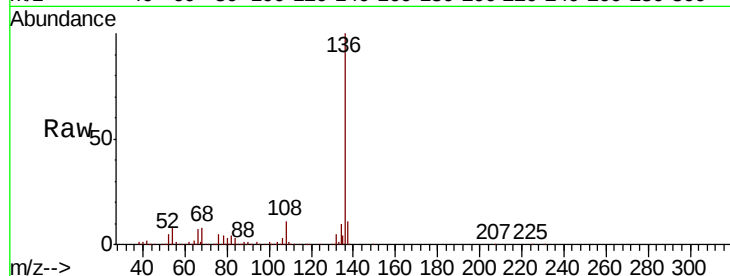




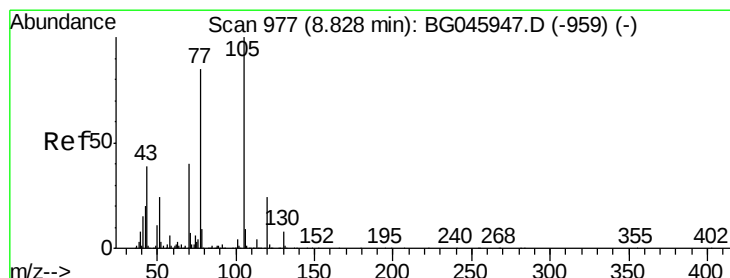
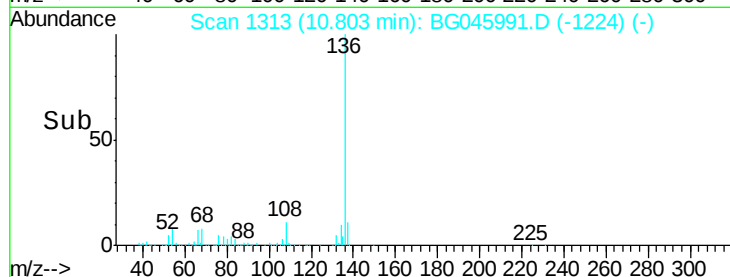
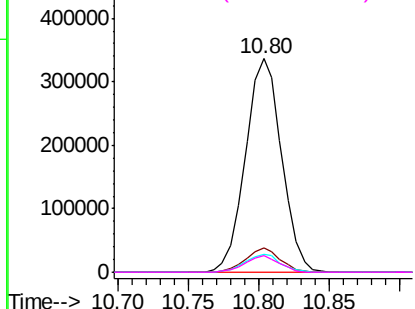
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:136	Resp:	600816	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 8.2	6.2	9.4	
68 7.6	5.8	8.8	

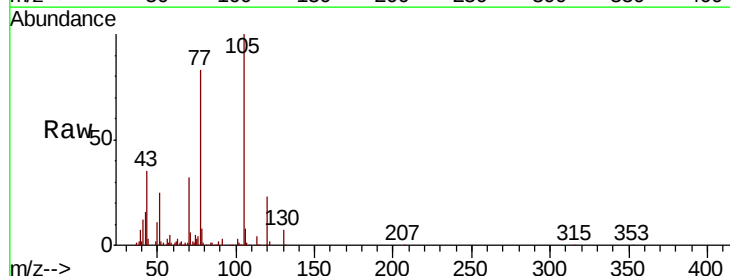


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

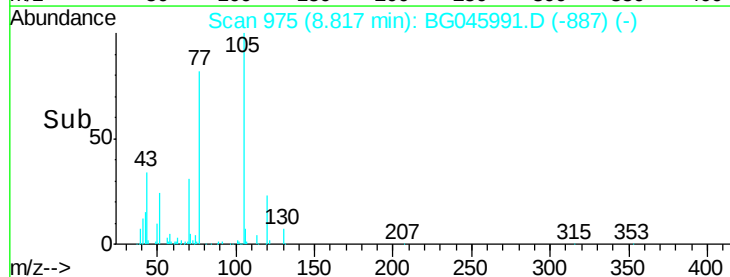
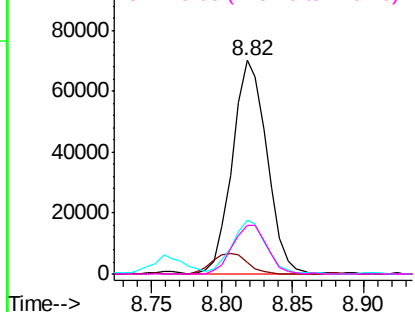


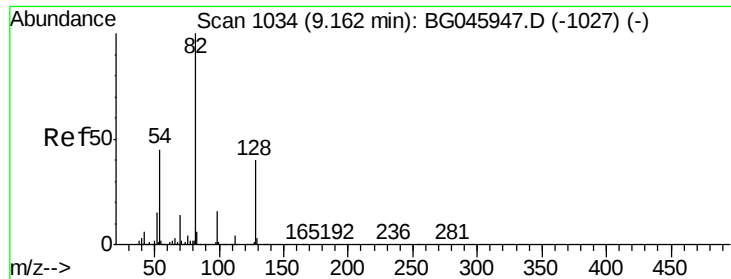
#22
Acetophenone
Concen: 7.466 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt	Ion:105	Resp:	119840
Ion	Ratio	Lower	Upper
105	100		
71	5.6	6.2	9.2#
51	24.9	19.7	29.5
120	22.8	19.2	28.8



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

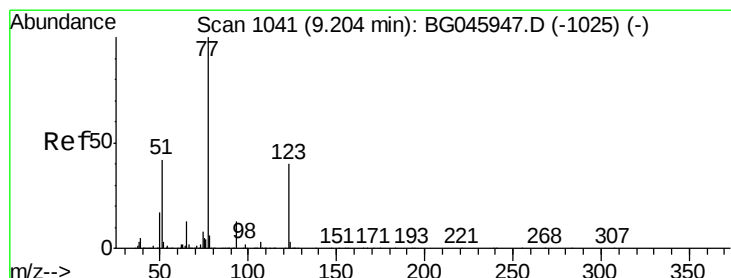
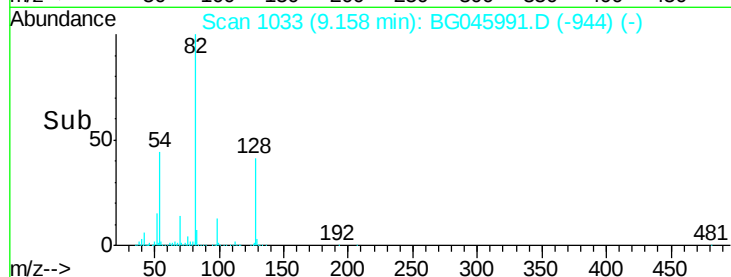
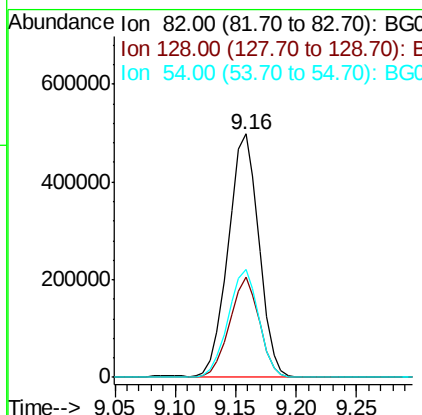
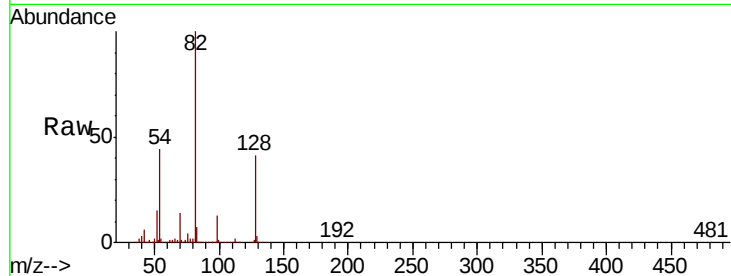




#23
Nitrobenzene-d5
Concen: 84.427 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

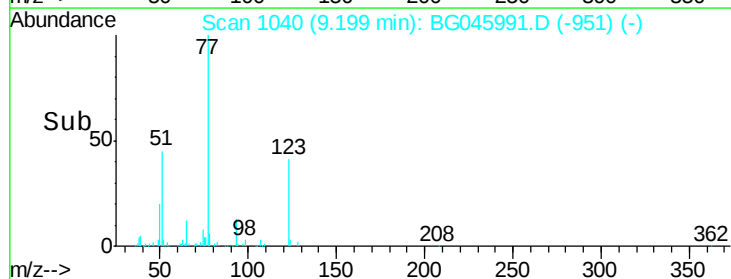
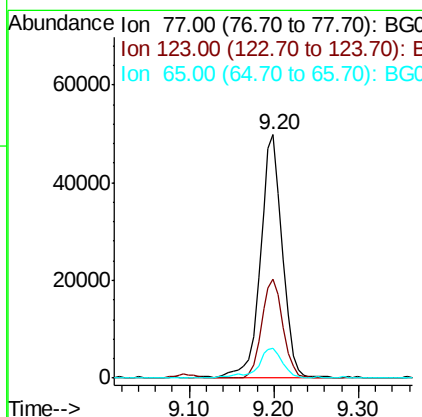
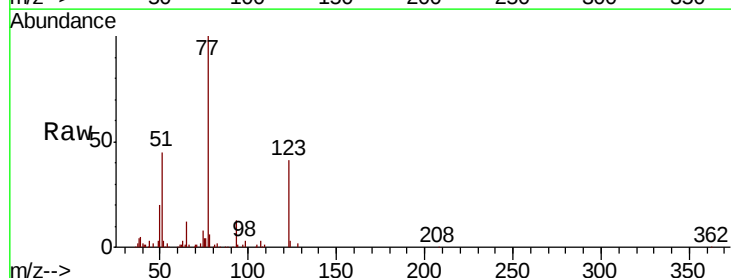
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

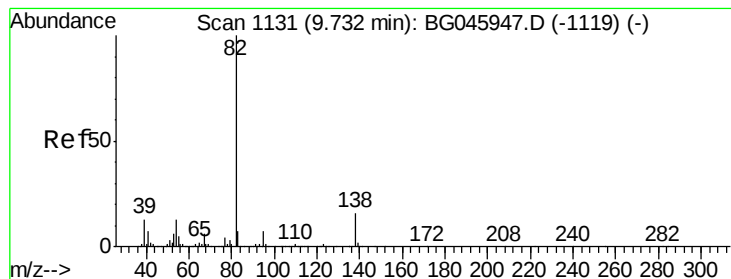
Tot Ion: 82 Resp: 881283
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.4
54 44.5 35.8 53.6



#24
Nitrobenzene
Concen: 7.839 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion: 77 Resp: 90318
Ion Ratio Lower Upper
77 100
123 40.7 32.7 49.1
65 12.3 10.2 15.4





#25

Isophorone

Concen: 6.707 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

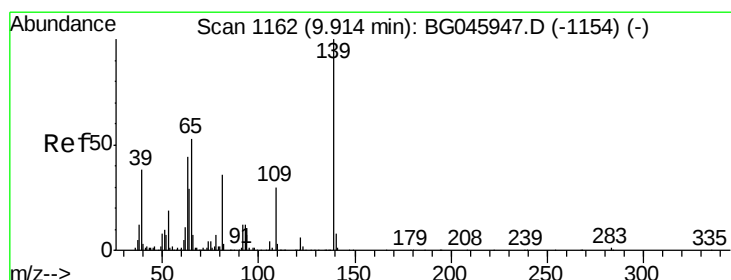
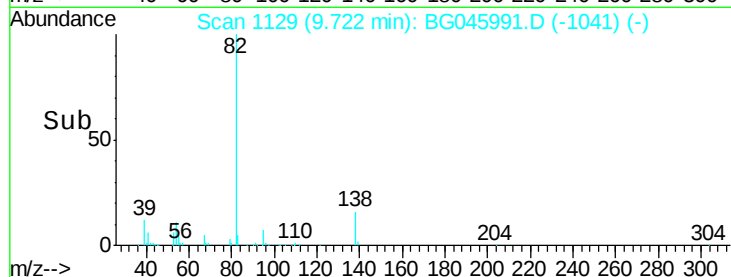
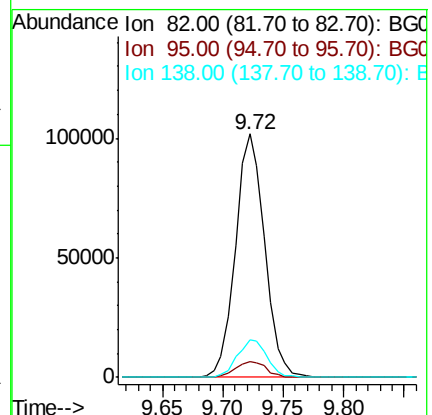
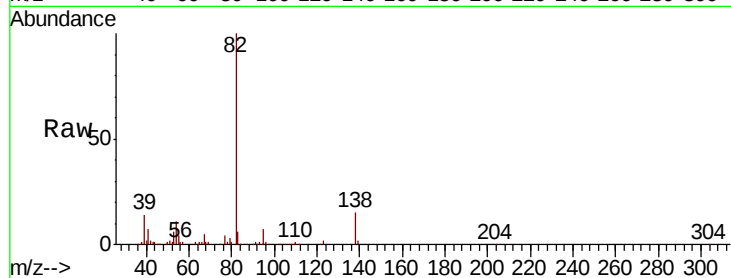
Tot Ion: 82 Resp: 170905

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 15.4 12.9 19.3



#26

2-Nitrophenol

Concen: 6.782 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

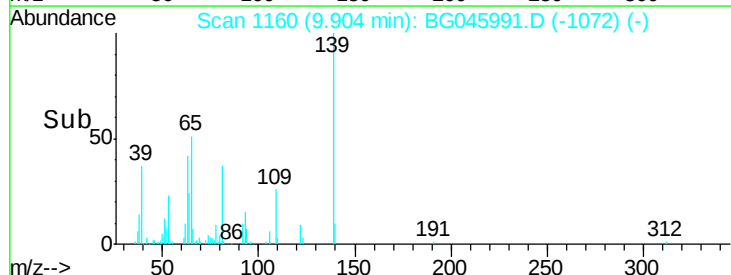
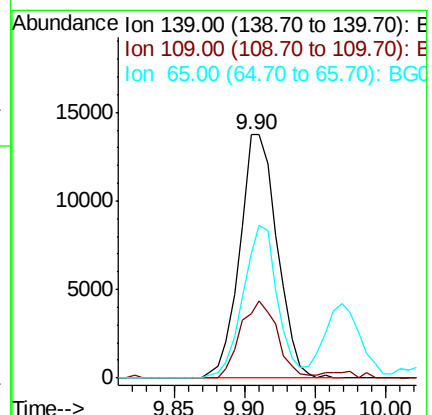
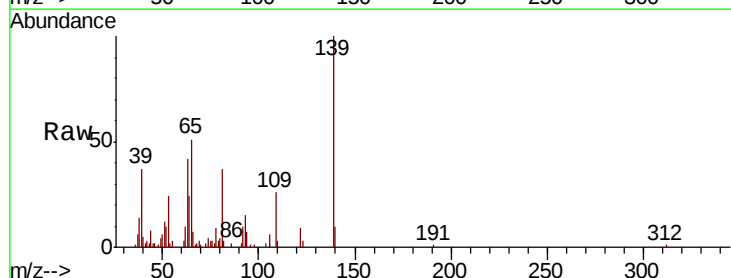
Tgt Ion: 139 Resp: 25470

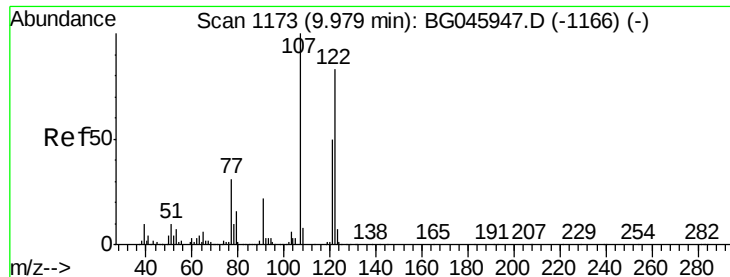
Ion Ratio Lower Upper

139 100

109 26.4 24.6 37.0

65 51.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 7.333 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

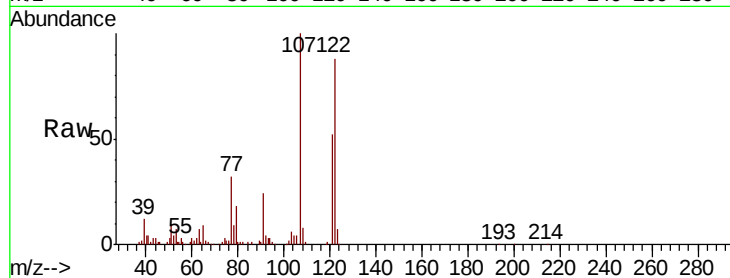
Tot Ion:122 Resp: 66514

Ion Ratio Lower Upper

122 100

107 113.4 95.6 143.4

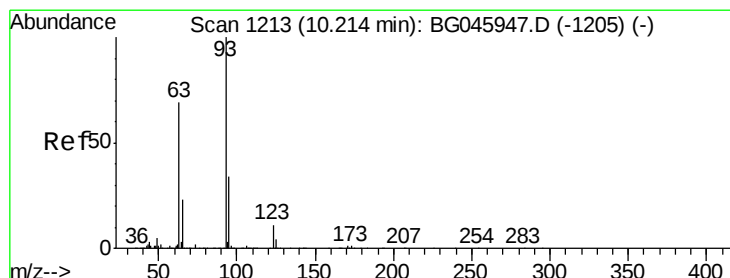
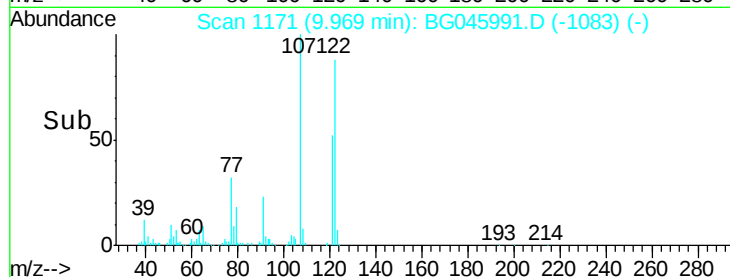
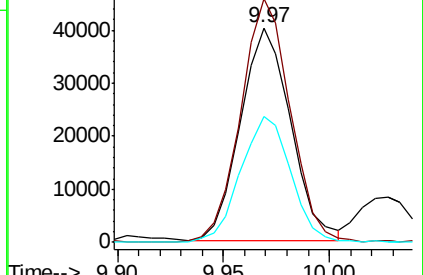
121 58.6 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 7.096 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

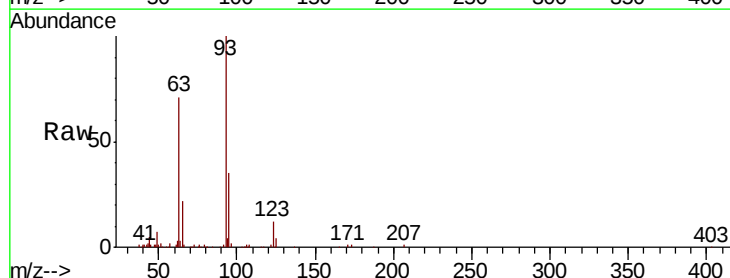
Tgt Ion: 93 Resp: 101541

Ion Ratio Lower Upper

93 100

95 35.3 27.5 41.3

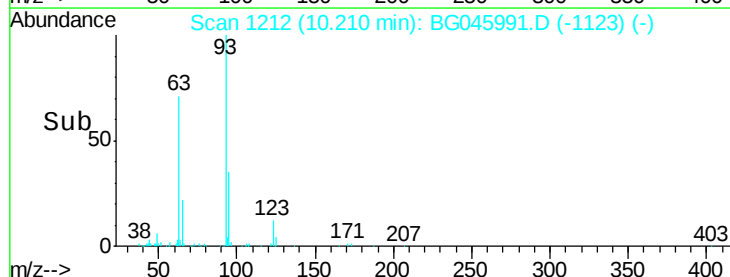
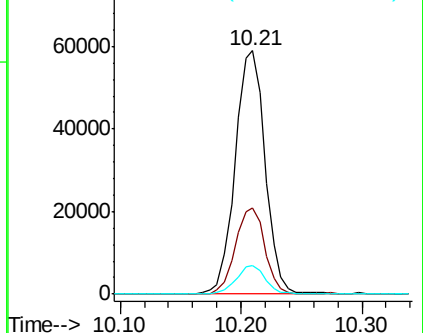
123 11.9 9.2 13.8

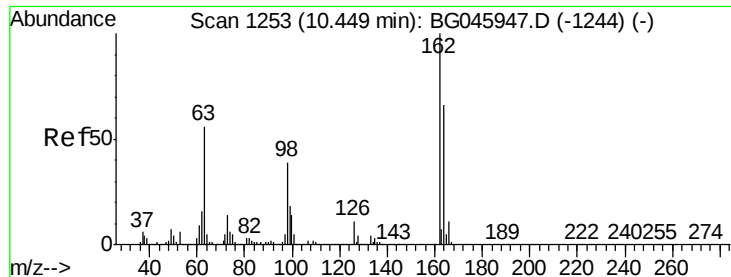


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

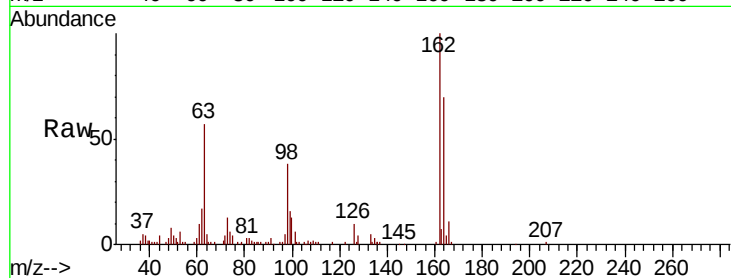




#29
2,4-Dichlorophenol
Concen: 6.550 ng
RT: 10.44 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.9	46.0	86.0
98	38.3	19.2	59.2

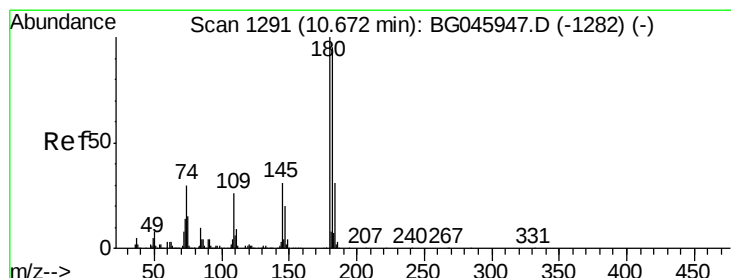
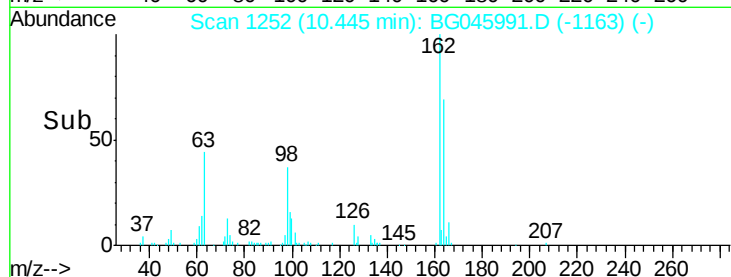
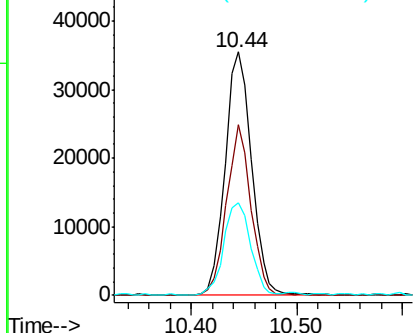


Abundance

Ion 162.00 (161.70 to 162.70): E

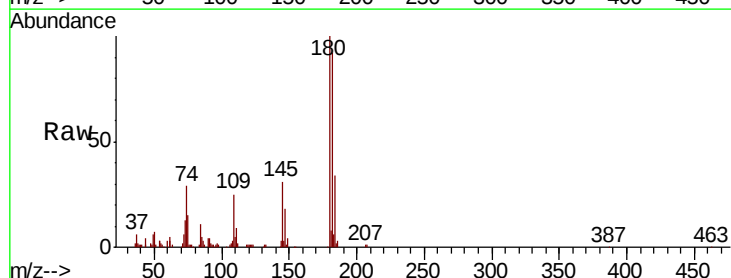
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 6.879 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.3	114.5
145	31.4	24.8	37.2

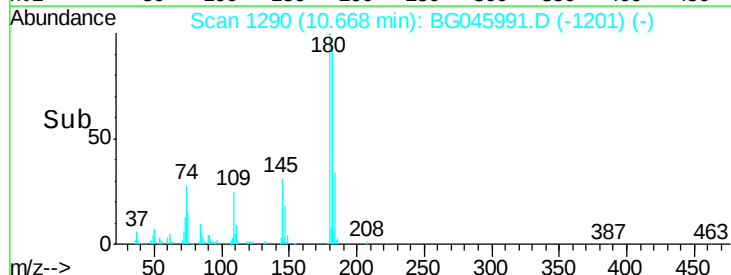
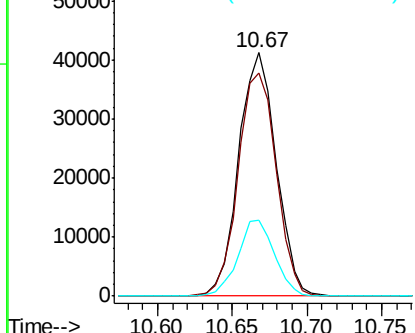


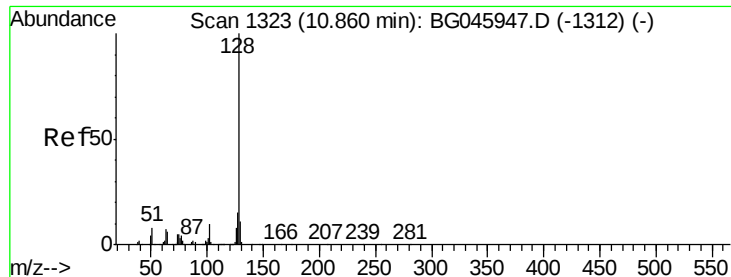
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

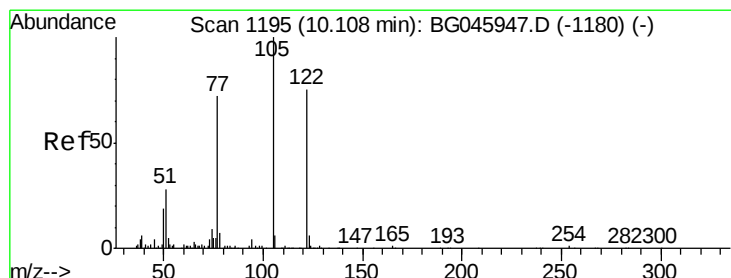
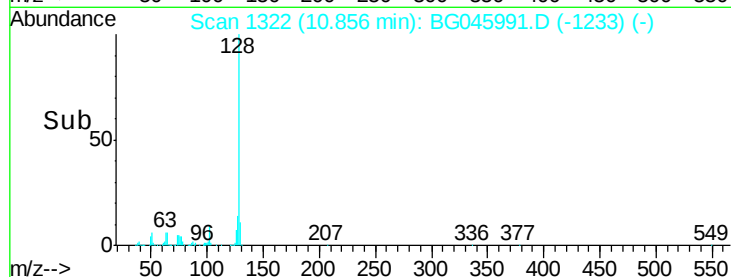
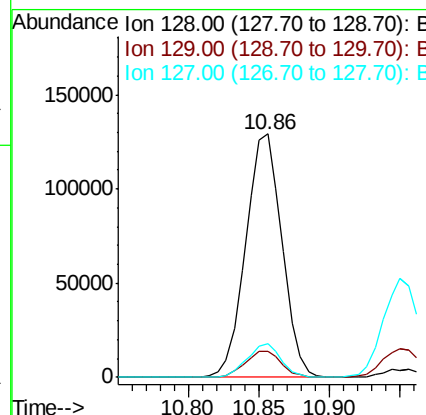
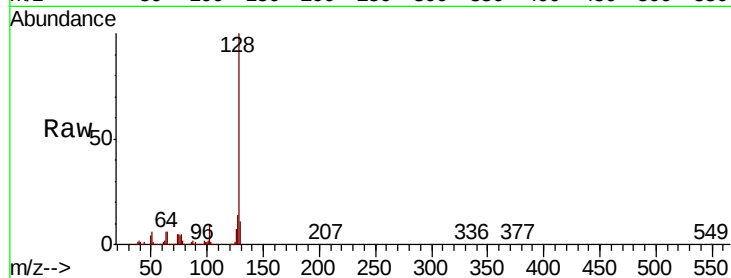




#31
Naphthalene
Concen: 7.217 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

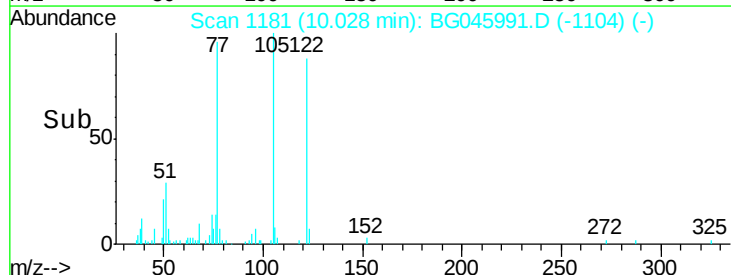
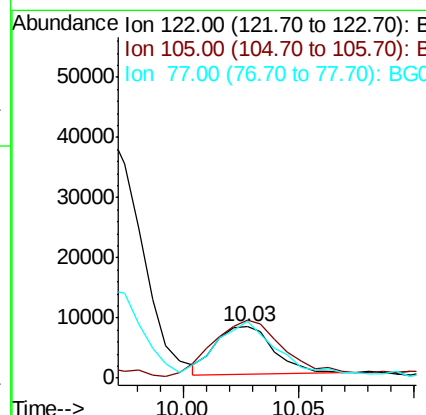
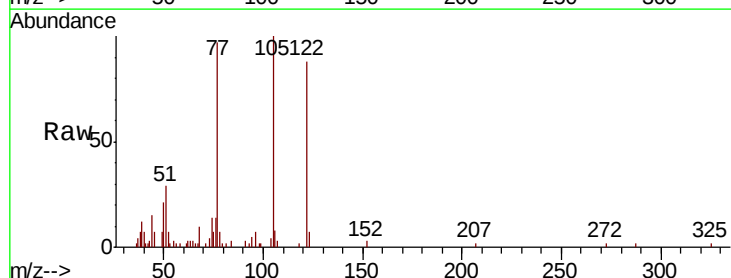
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

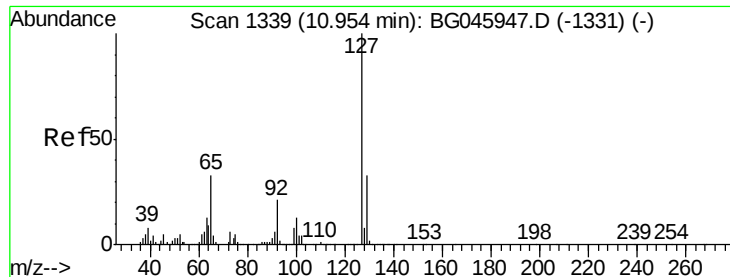
Tot Ion:128 Resp: 232461
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 13.8 11.8 17.6



#32
Benzoic acid
Concen: 2.792 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:122 Resp: 13711
Ion Ratio Lower Upper
122 100
105 113.3 110.8 150.8
77 110.1 76.4 116.4

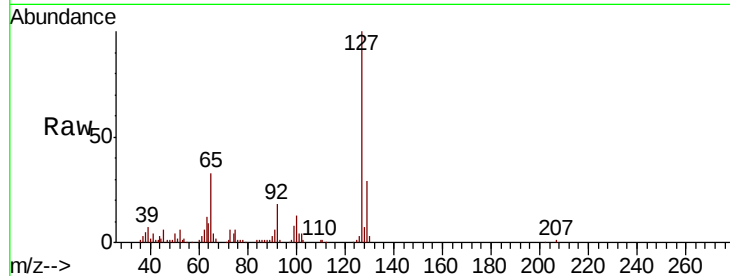




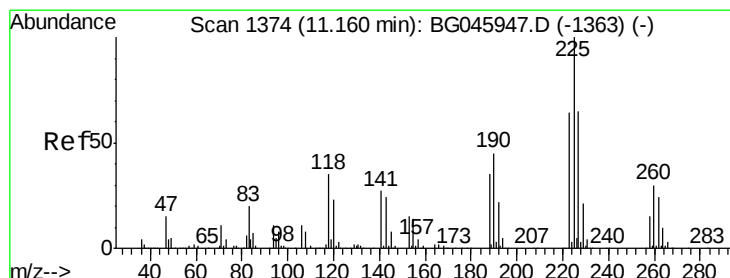
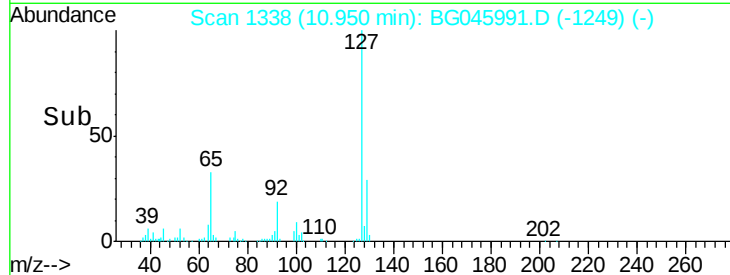
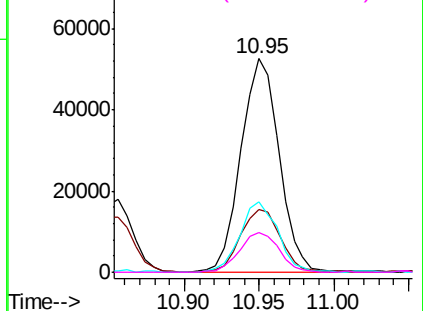
#33
4-Chloroaniline
Concen: 6.473 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:127	Resp:	93166	
Ion Ratio	Lower	Upper	
127 100			
129 29.1	26.6	39.8	
65 32.9	26.8	40.2	
92 18.4	17.0	25.4	

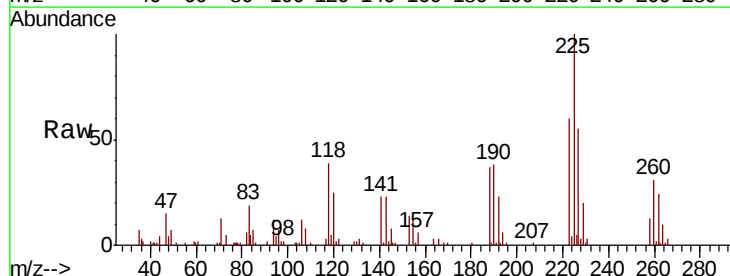


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

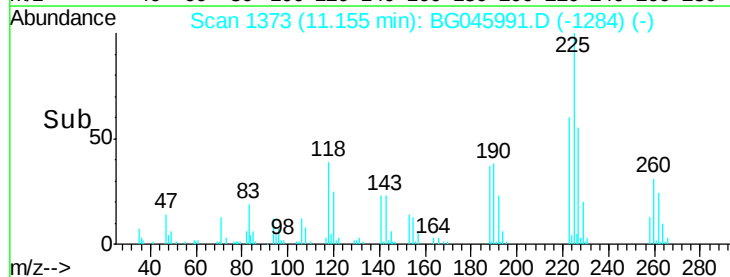
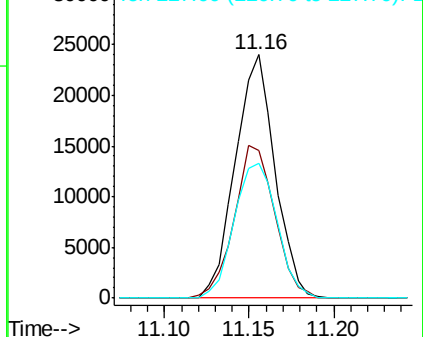


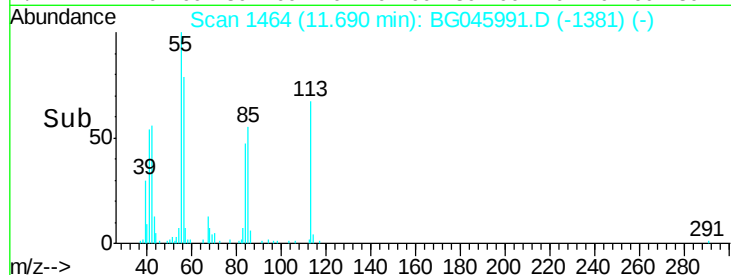
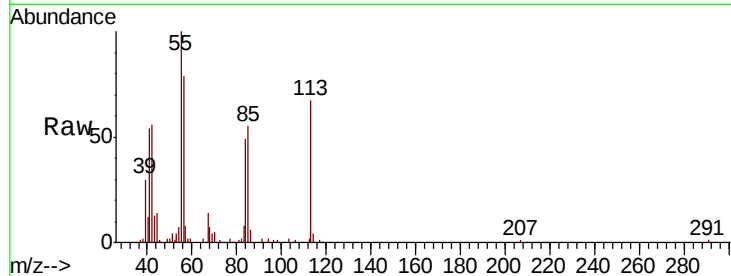
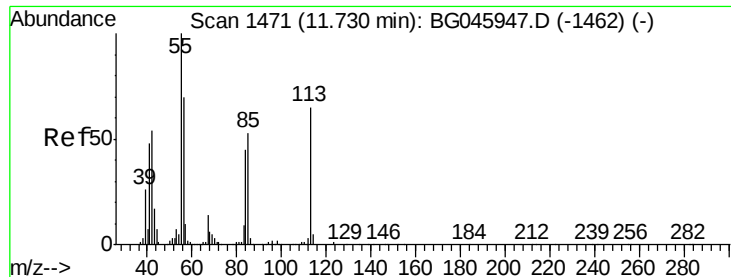
#34
Hexachlorobutadiene
Concen: 6.446 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	225	Resp: Lower	39155 Upper
	Ratio		
225	100		
223	60.4	51.2	76.8
227	55.4	52.3	78.5



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

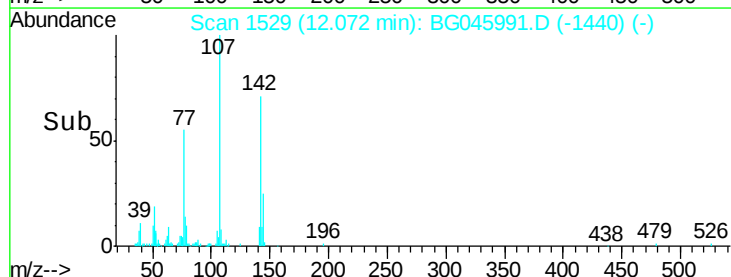
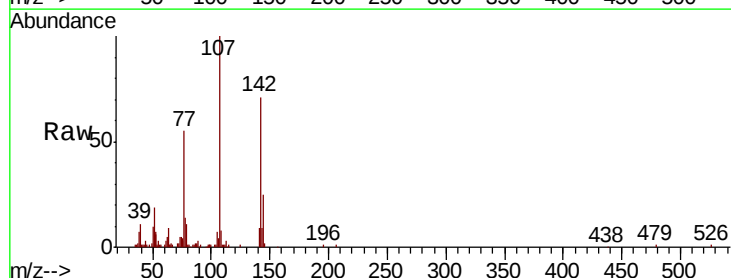
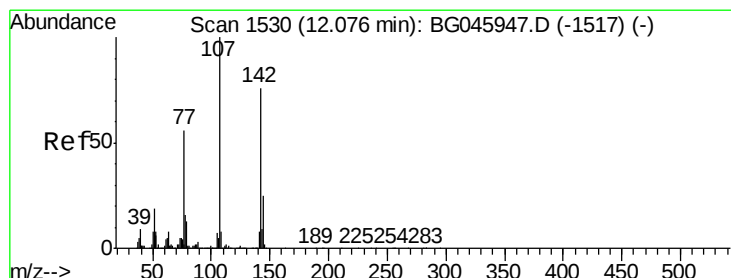
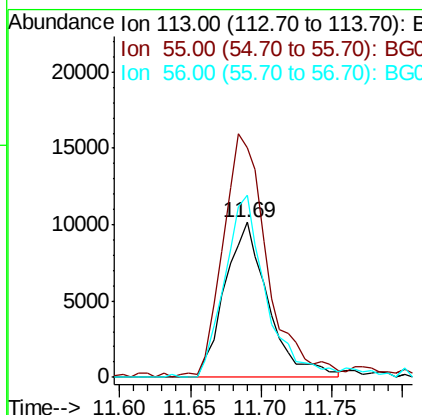




#35
Caprolactam
Concen: 6.108 ng
RT: 11.69 min Scan# 1464
Delta R.T. -0.04 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

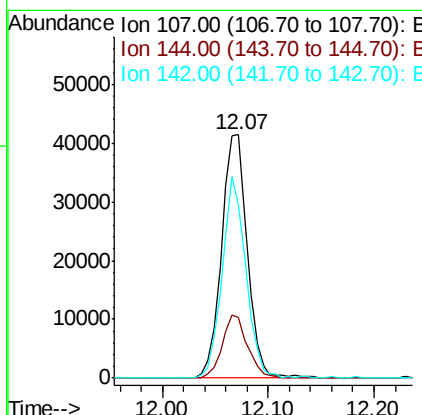
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

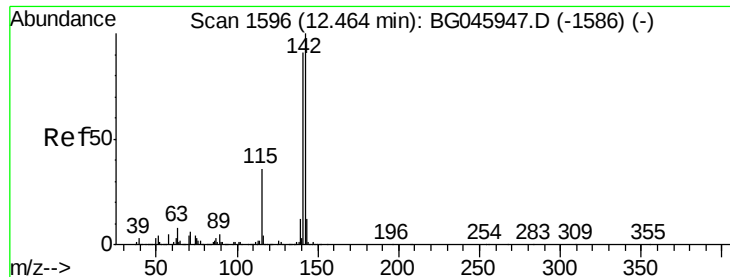
Tot Ion:113 Resp: 21774
Ion Ratio Lower Upper
113 100
55 148.4 141.6 181.6
56 117.8 89.6 129.6



#36
4-Chloro-3-methylphenol
Concen: 6.573 ng
RT: 12.07 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:107 Resp: 70291
Ion Ratio Lower Upper
107 100
144 25.1 20.0 30.0
142 70.9 61.1 91.7

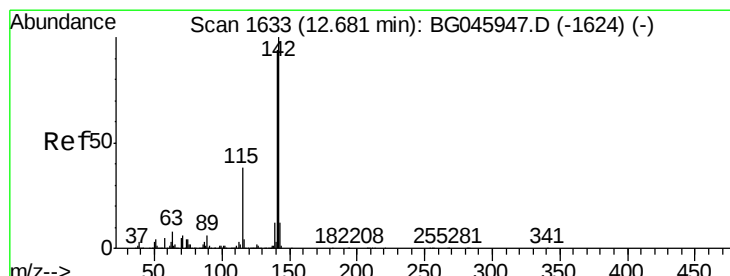
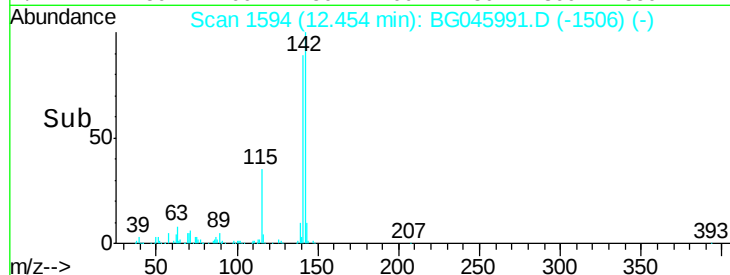
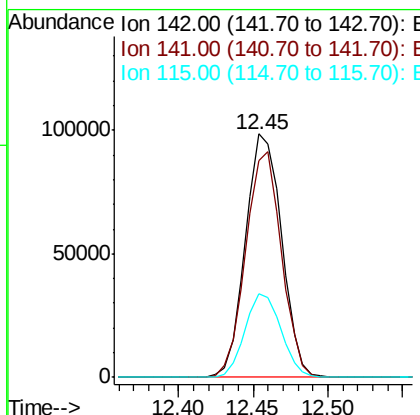
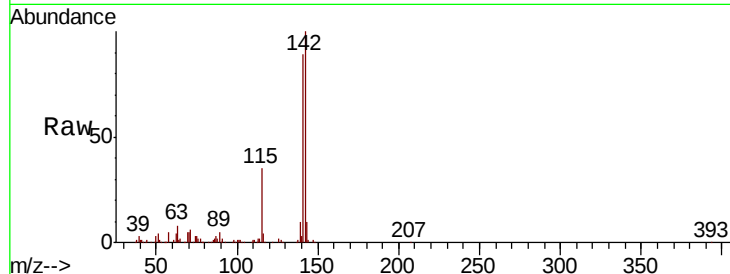




#37
2-Methylnaphthalene
Concen: 7.195 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

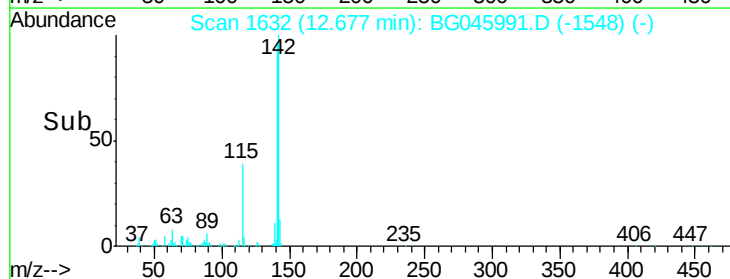
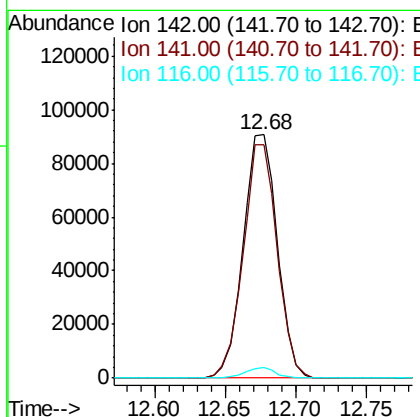
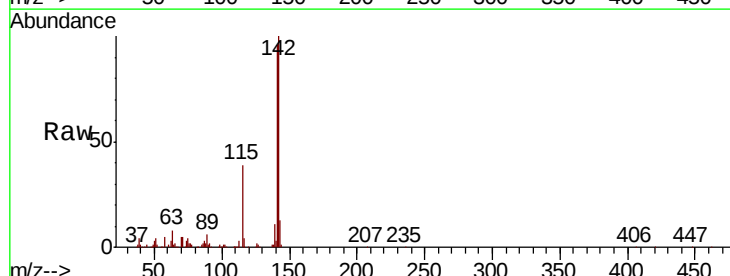
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

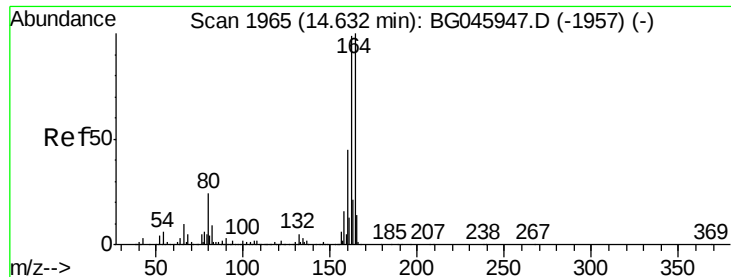
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.0	109.6
115	34.6	28.8	43.2



#38
1-Methylnaphthalene
Concen: 7.132 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.2	112.8
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

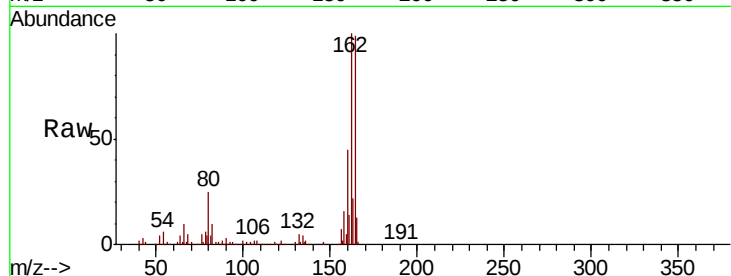
Tot Ion:164 Resp: 350847

Ion Ratio Lower Upper

164 100

162 101.3 79.3 118.9

160 45.9 35.7 53.5

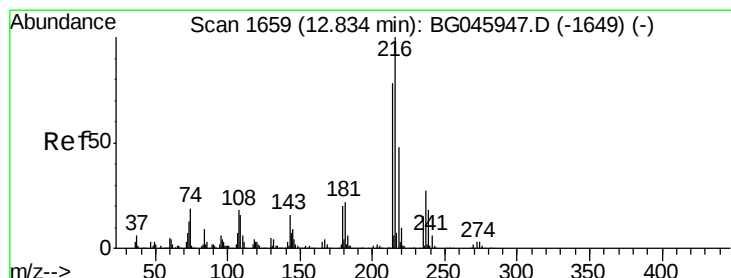
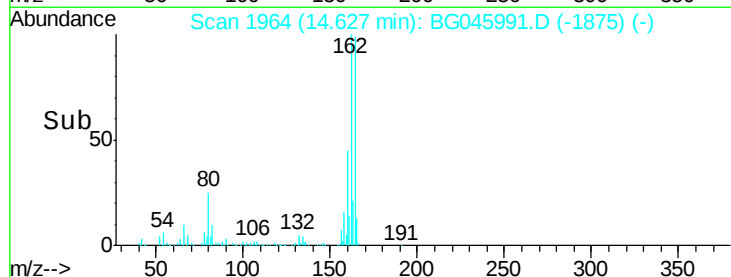
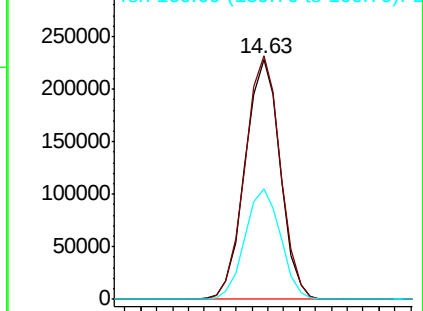


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.511 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:216 Resp: 74281

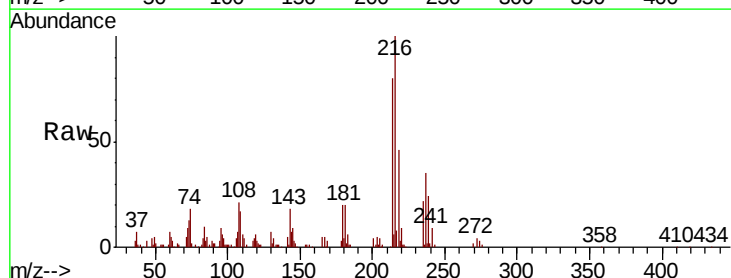
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.5 17.0 25.6

108 22.5 17.3 25.9



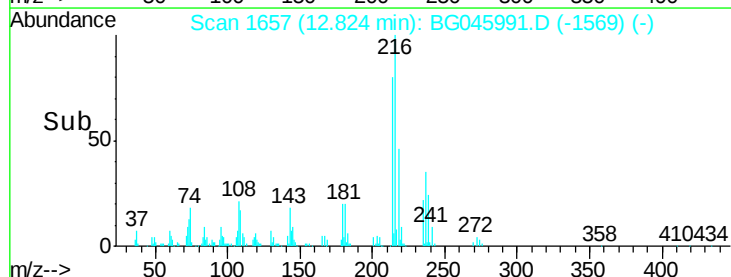
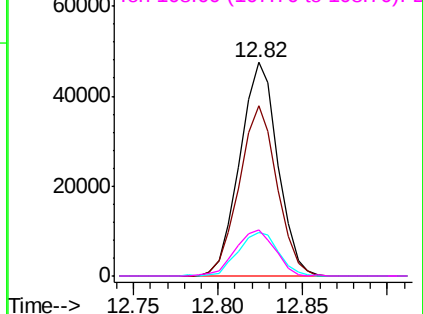
Abundance

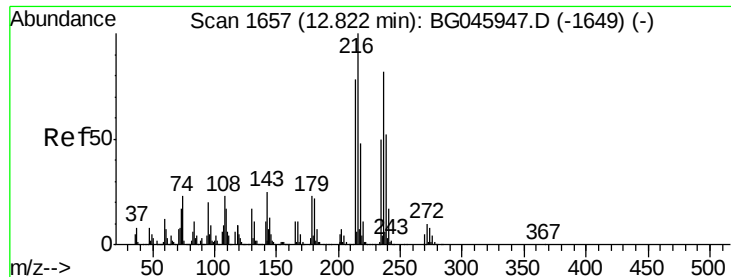
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

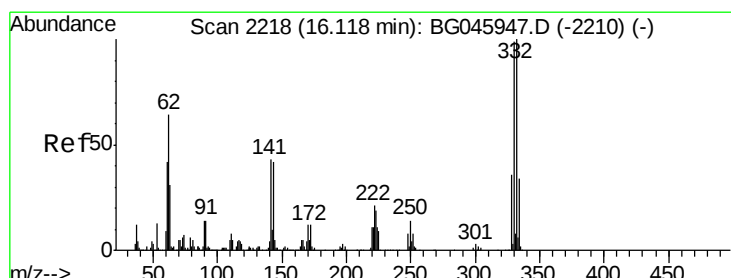
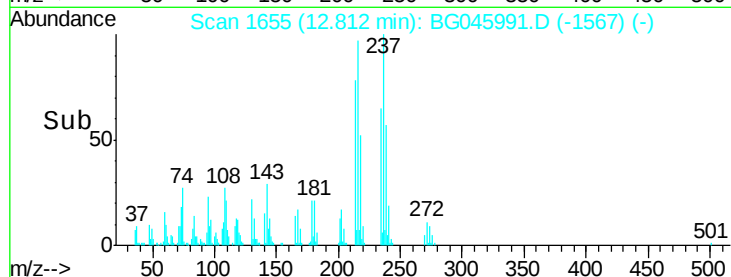
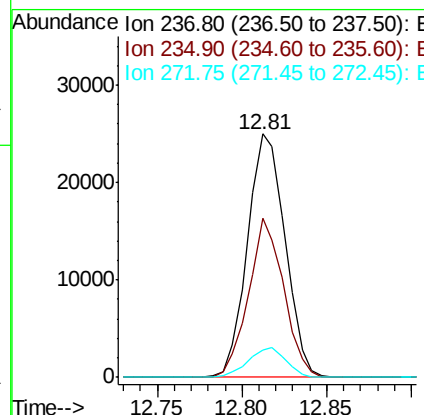
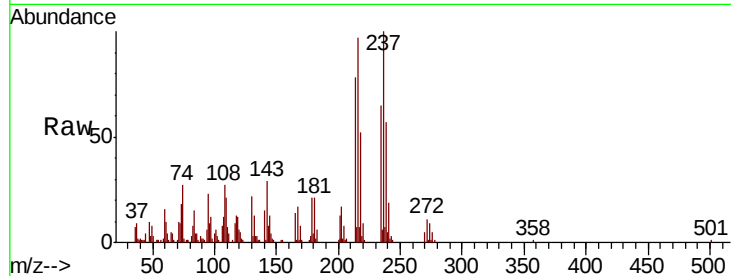




#41
Hexachlorocyclopentadiene
Concen: 6.588 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

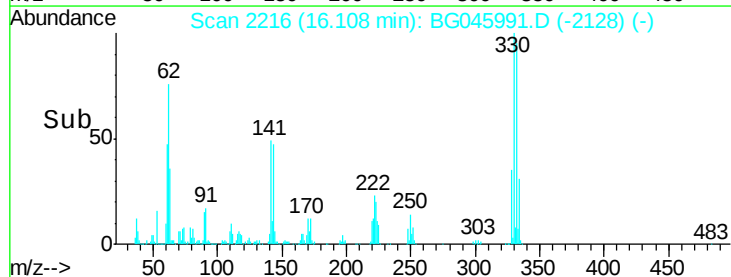
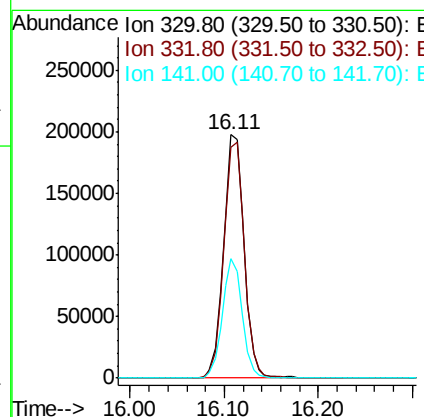
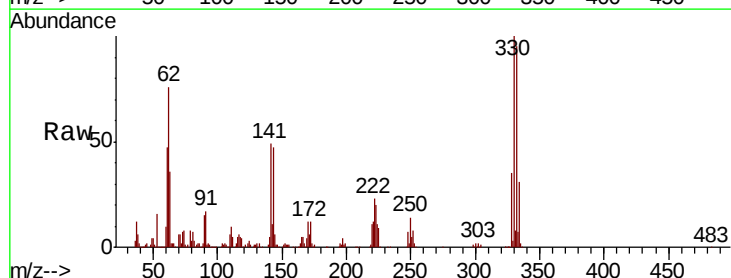
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

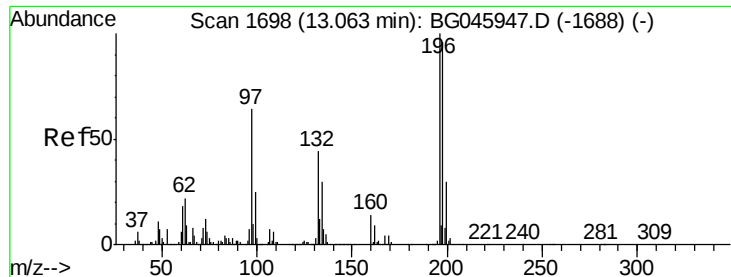
Tot Ion:237 Resp: 38661
Ion Ratio Lower Upper
237 100
235 65.4 41.5 81.5
272 11.1 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 92.991 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:330 Resp: 302800
Ion Ratio Lower Upper
330 100
332 97.0 78.3 117.5
141 47.1 36.6 54.8

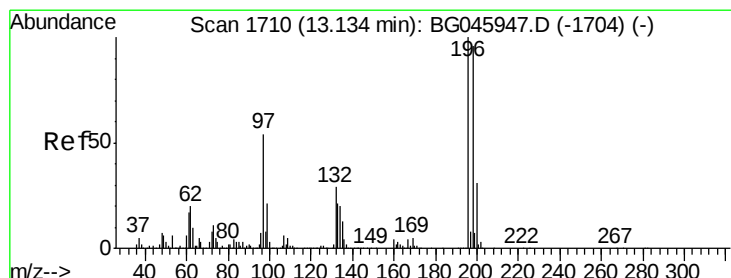
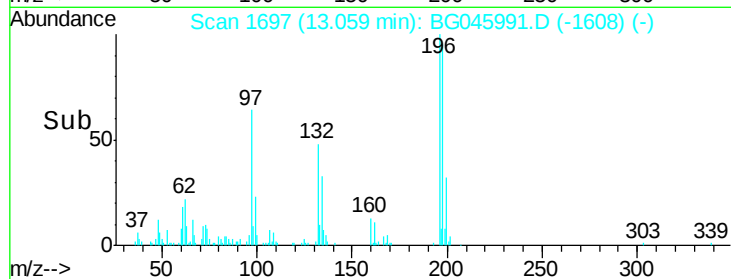
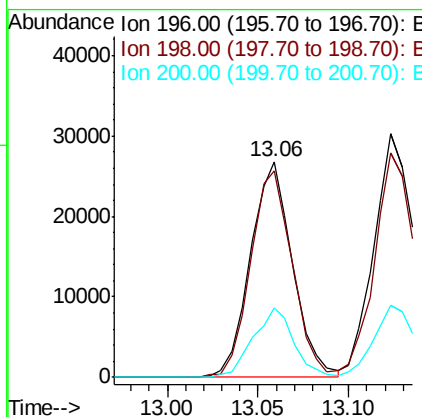
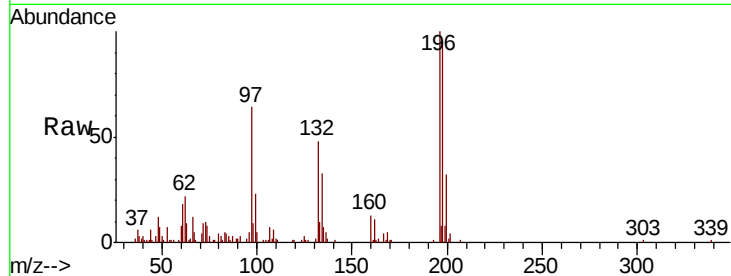




#43
 2,4,6-Trichlorophenol
 Concen: 6.510 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

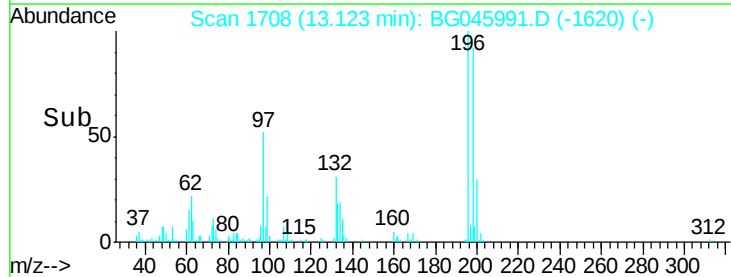
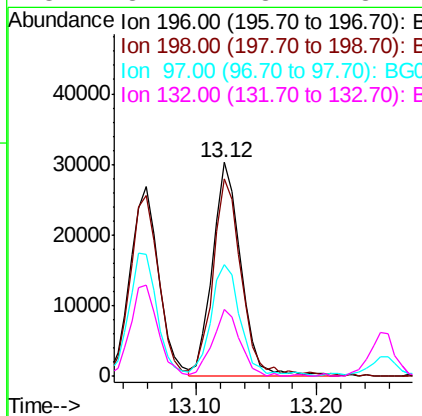
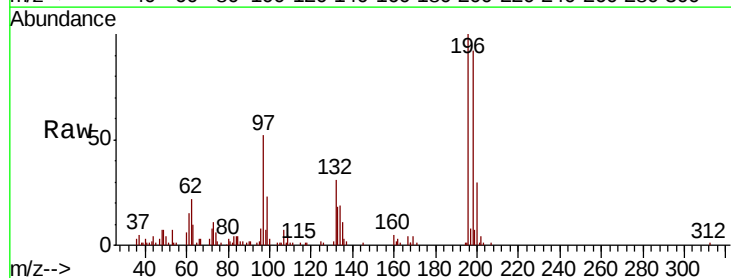
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

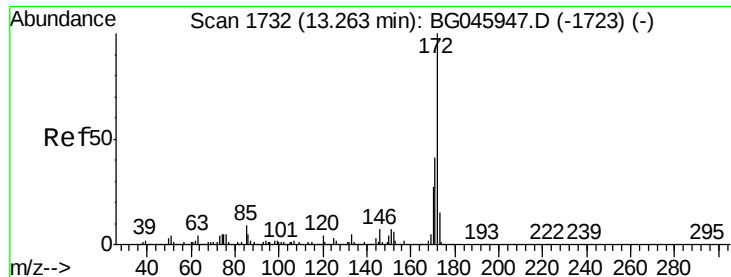
Tot Ion:196 Resp: 43543
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.7 115.1
 200 32.1 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 6.467 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion:196 Resp: 48910
 Ion Ratio Lower Upper
 196 100
 198 92.2 77.0 115.6
 97 52.3 44.3 66.5
 132 31.2 23.1 34.7

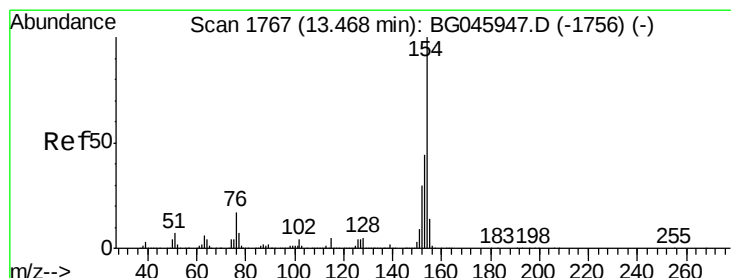
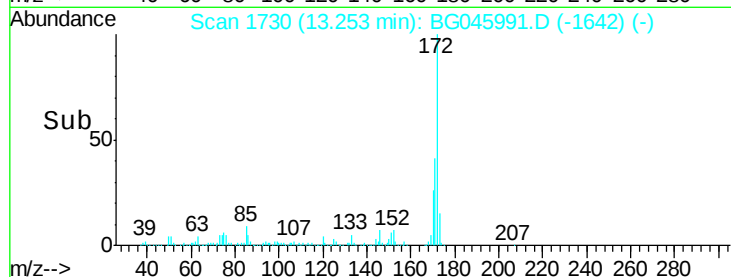
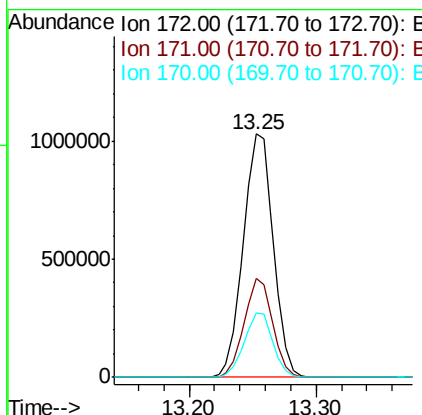
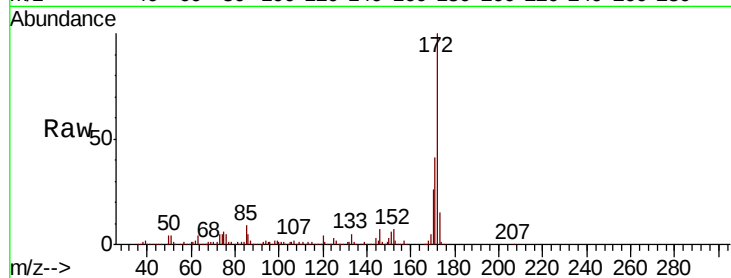




#45
2-Fluorobiphenyl
Concen: 75.113 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

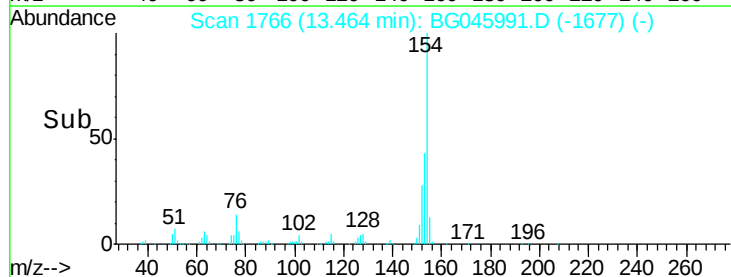
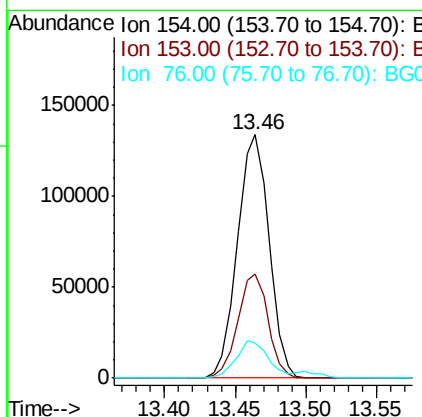
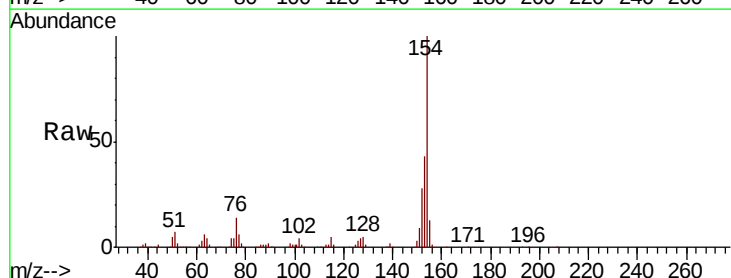
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

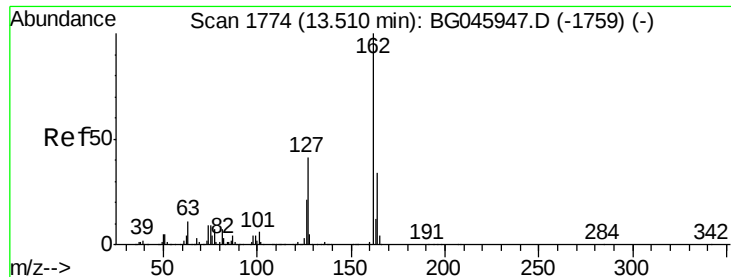
Tot Ion:172 Resp: 1689501
Ion Ratio Lower Upper
172 100
171 40.7 32.9 49.3
170 26.3 21.8 32.6



#46
1,1'-Biphenyl
Concen: 7.930 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:154 Resp: 209291
Ion Ratio Lower Upper
154 100
153 42.7 23.6 63.6
76 14.3 0.0 36.9

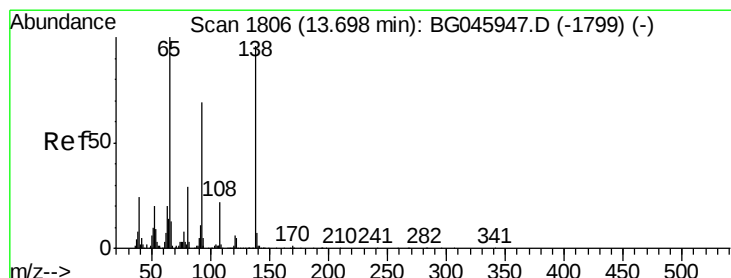
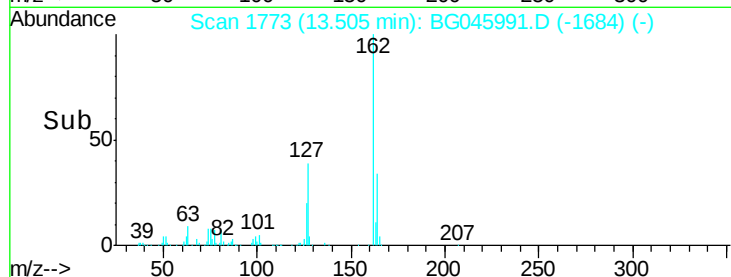
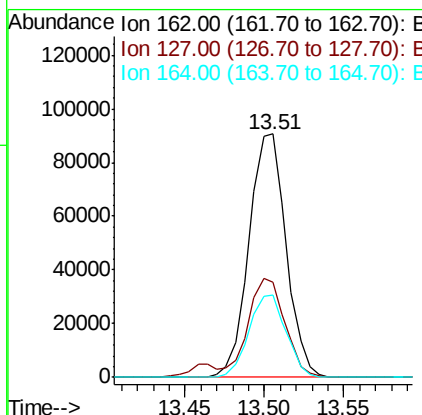
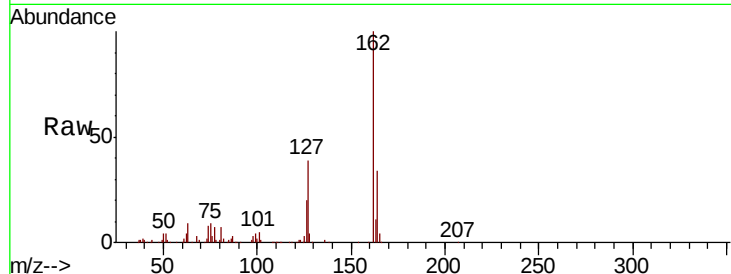




#47
2-Chloronaphthalene
Concen: 7.081 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

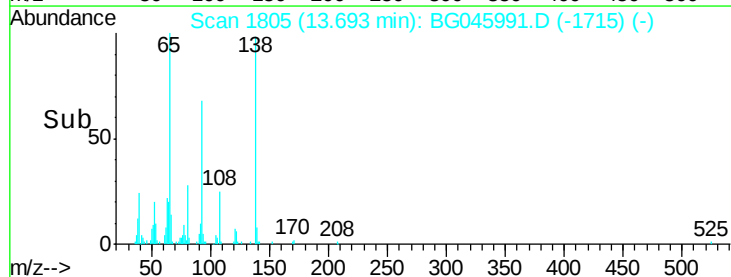
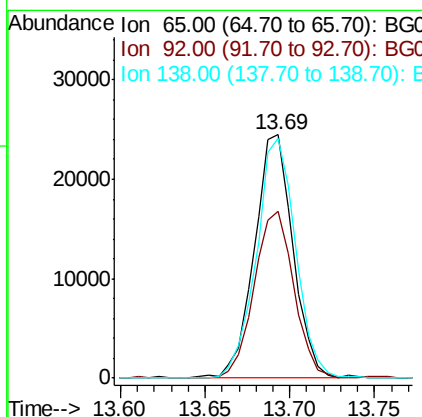
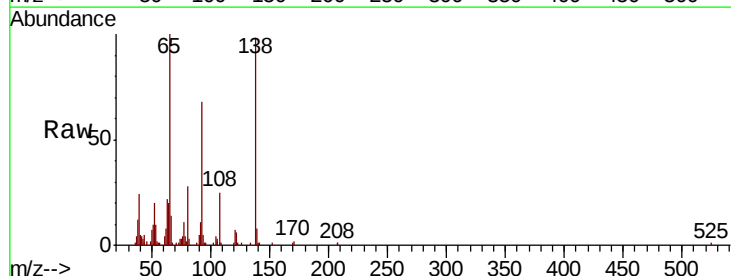
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

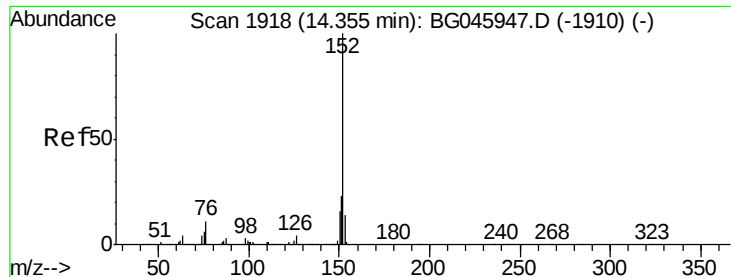
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.5	48.7
164	33.7	27.2	40.8



#48
2-Nitroaniline
Concen: 7.930 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.4	83.0
138	98.4	77.0	115.4





#49

Acenaphthylene

Concen: 7.303 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

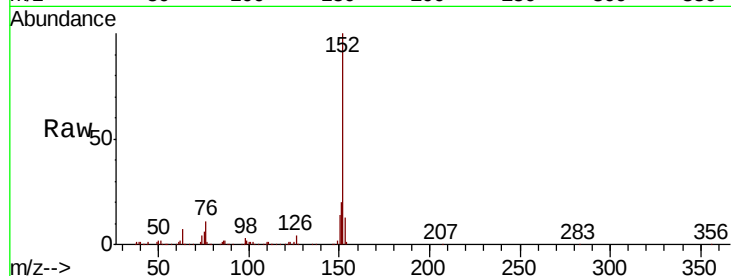
Tot Ion:152 Resp: 245356

Ion Ratio Lower Upper

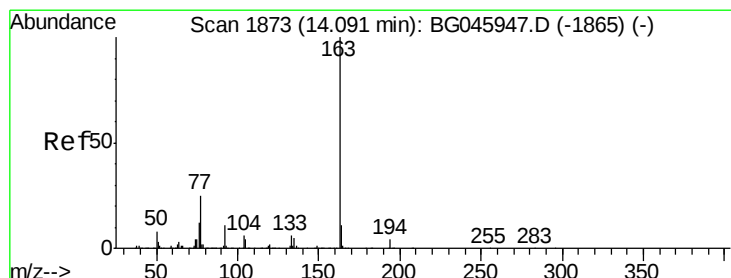
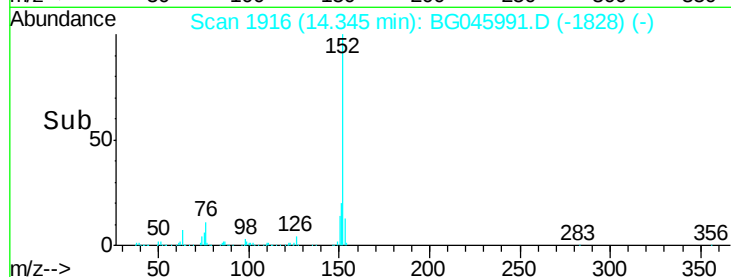
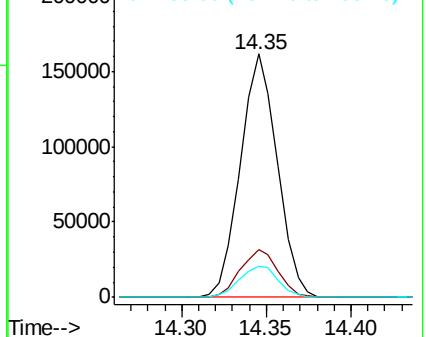
152 100

151 19.5 18.1 27.1

153 12.7 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 6.797 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

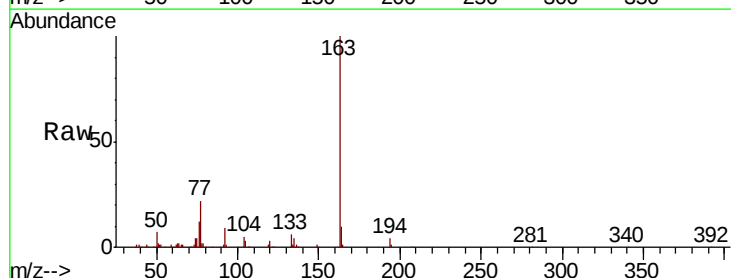
Tgt Ion:163 Resp: 178969

Ion Ratio Lower Upper

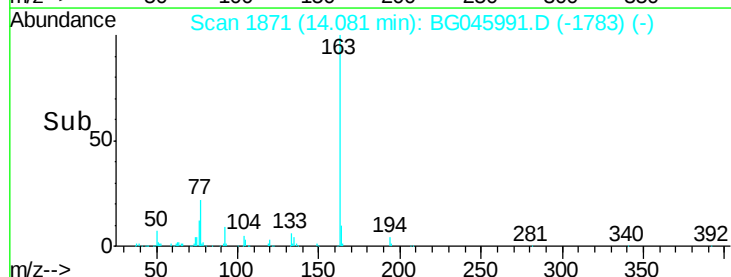
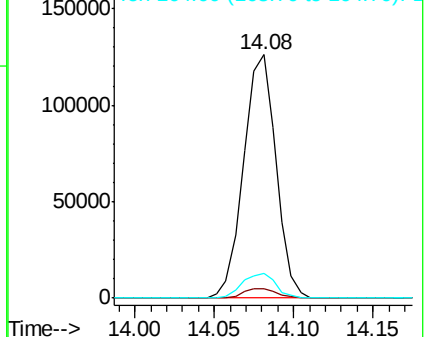
163 100

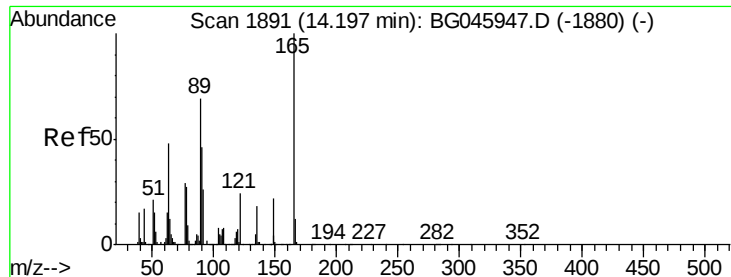
194 4.0 3.6 5.4

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.974 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

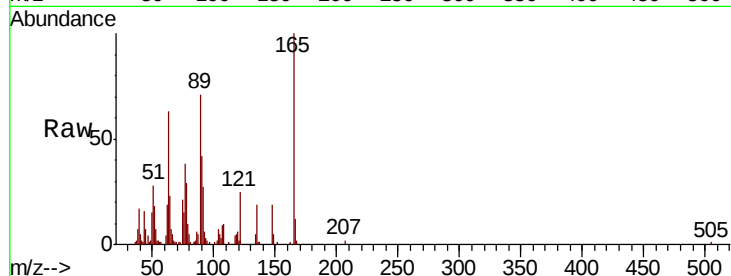
Tot Ion:165 Resp: 32579

Ion Ratio Lower Upper

165 100

63 62.9 51.0 76.4

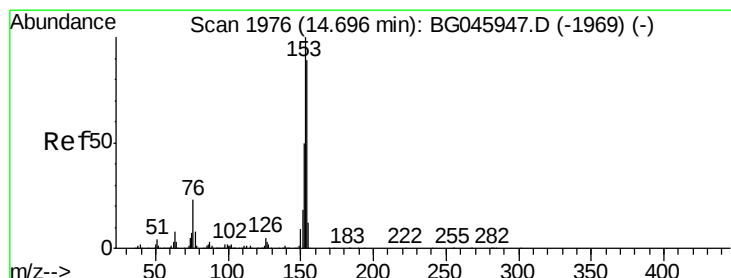
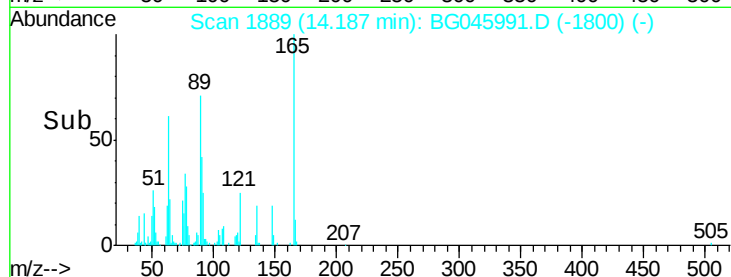
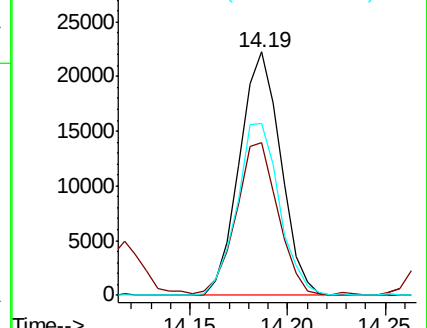
89 70.8 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 6.893 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

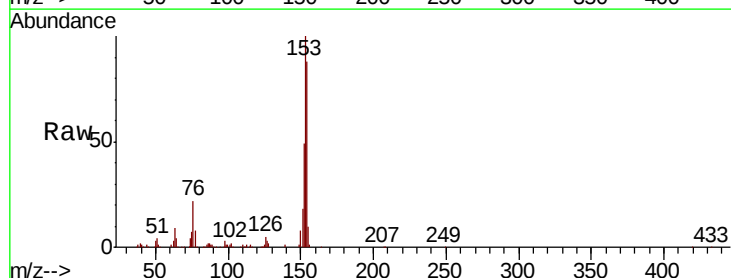
Tgt Ion:154 Resp: 146083

Ion Ratio Lower Upper

154 100

153 113.3 89.7 134.5

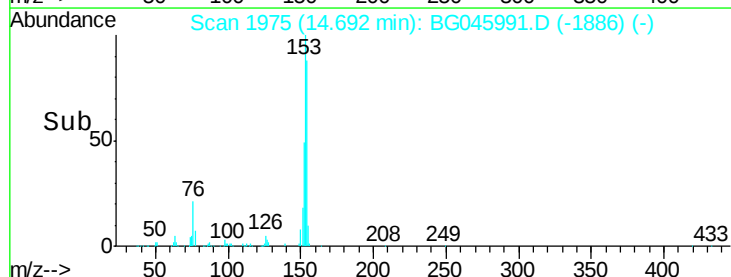
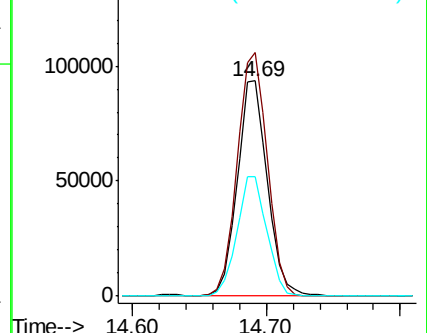
152 55.5 44.7 67.1

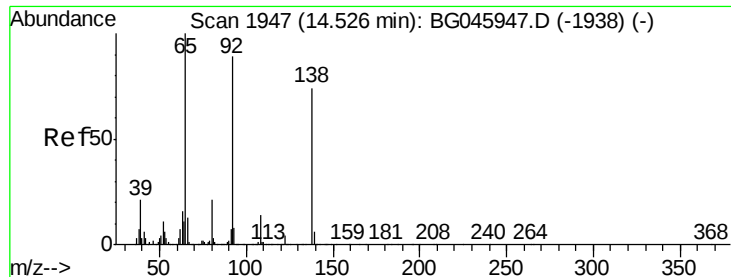


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 7.168 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.02 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

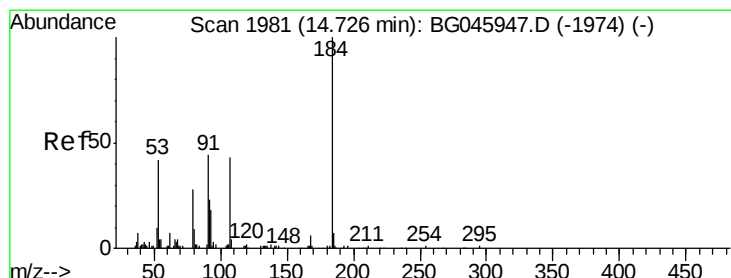
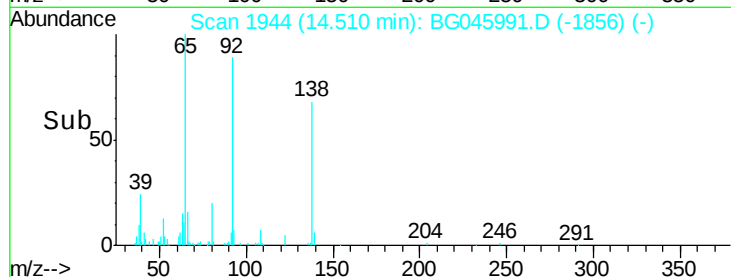
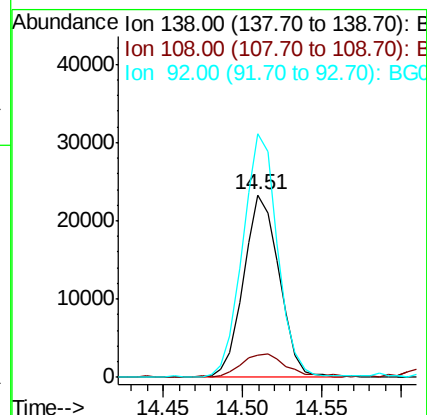
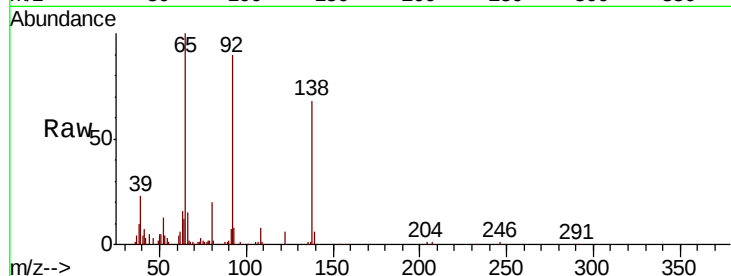
Tot Ion:138 Resp: 36290

Ion Ratio Lower Upper

138 100

108 12.4 15.4 23.2#

92 133.4 95.9 143.9



#54

2,4-Dinitrophenol

Concen: 4.770 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

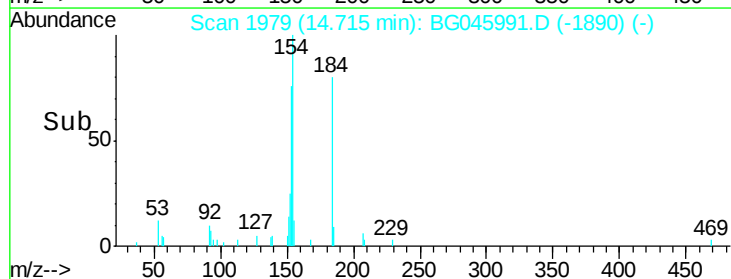
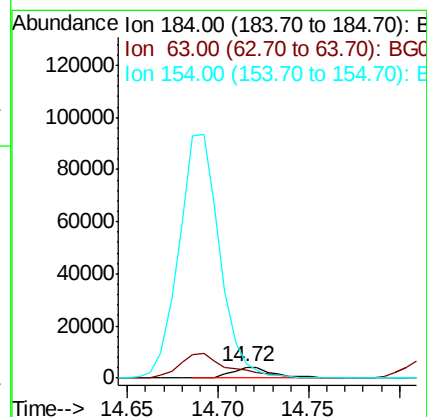
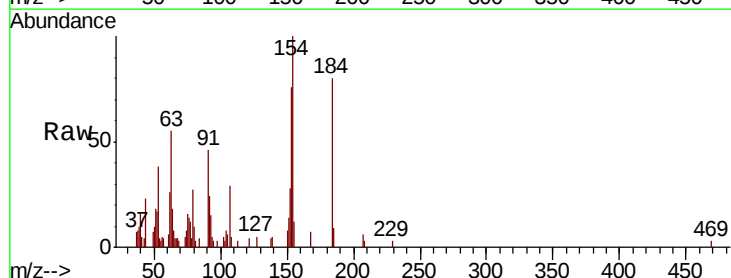
Tgt Ion:184 Resp: 6874

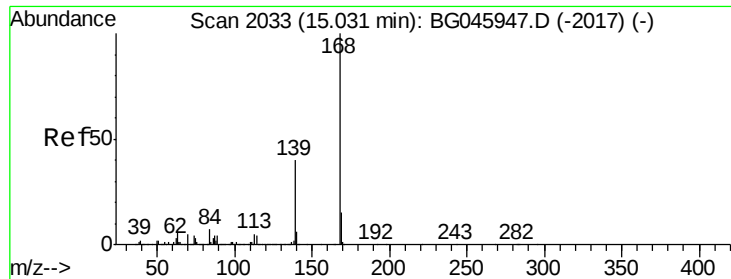
Ion Ratio Lower Upper

184 100

63 68.7 46.0 69.0

154 125.1 58.2 87.2#

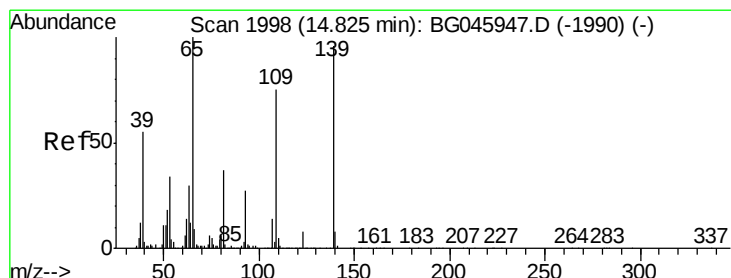
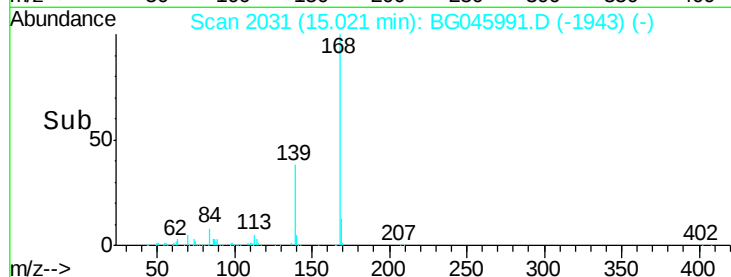
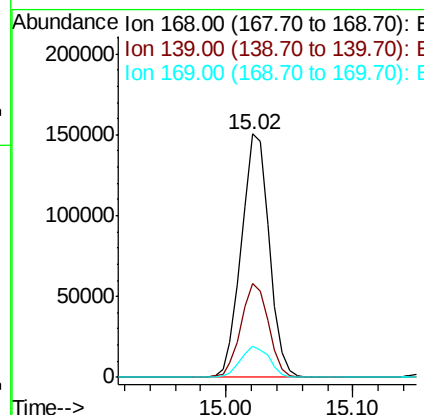
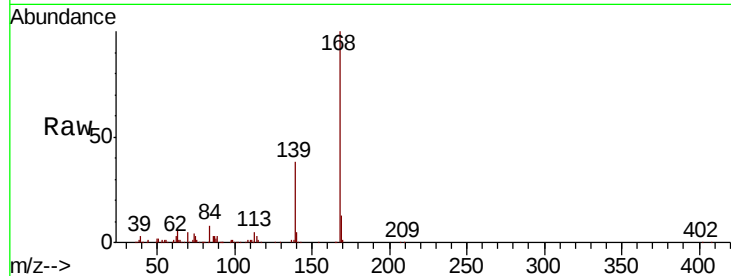




#55
Dibenzofuran
Concen: 7.319 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

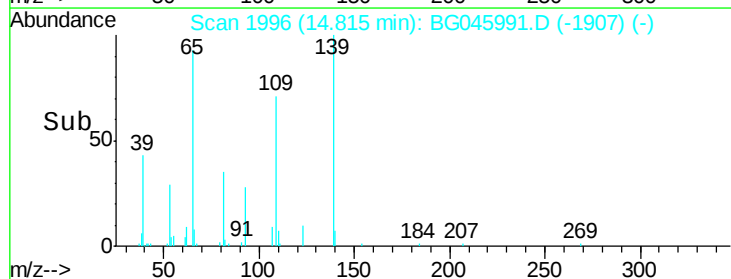
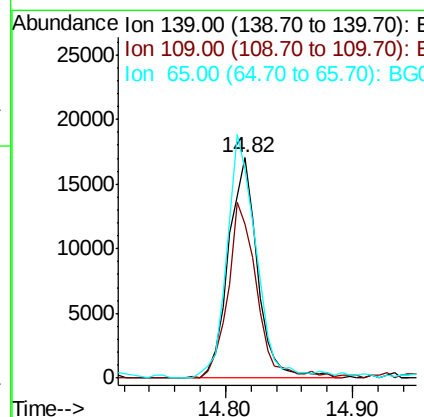
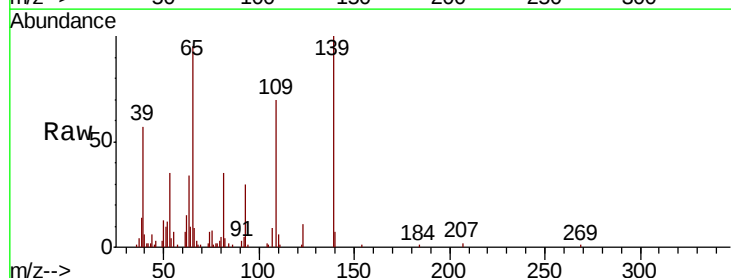
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

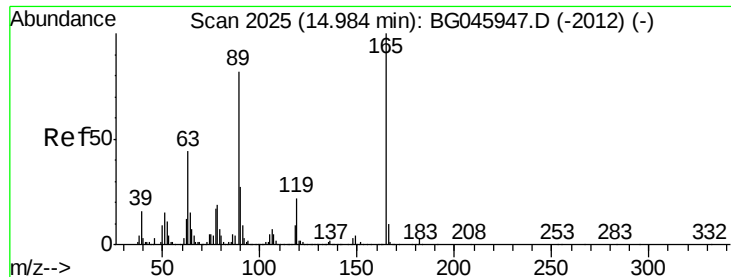
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.2	48.2
169	12.8	11.8	17.8



#56
4-Nitrophenol
Concen: 6.292 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	58.5	98.5
65	95.0	84.7	124.7

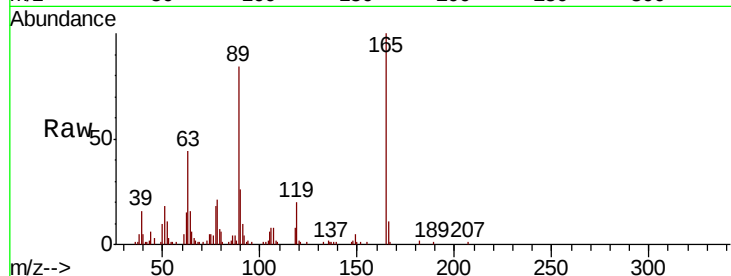




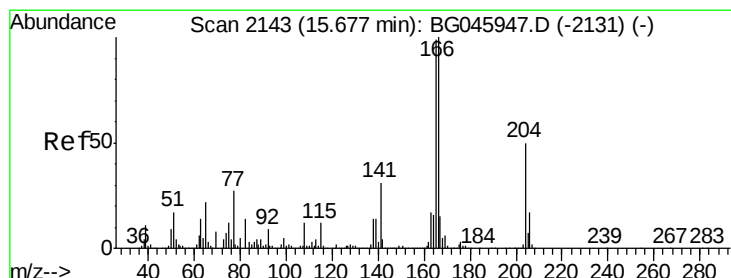
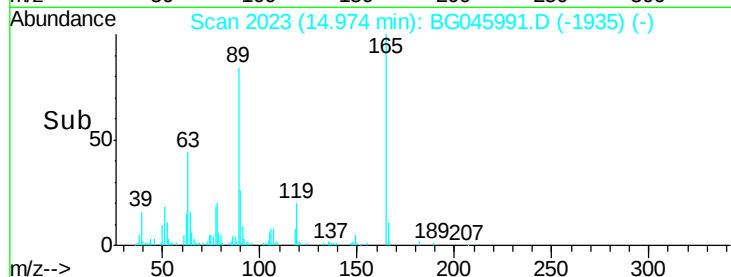
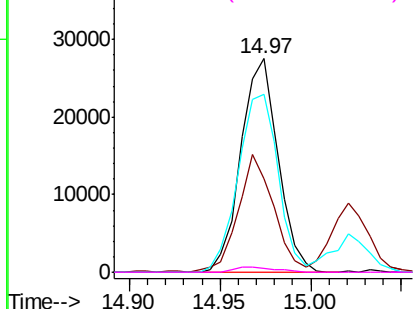
#57
 2,4-Dinitrotoluene
 Concen: 7.790 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion:165 Resp: 39327
 Ion Ratio Lower Upper
 165 100
 63 43.7 35.4 53.0
 89 83.6 65.4 98.2
 182 1.8 2.0 3.0#

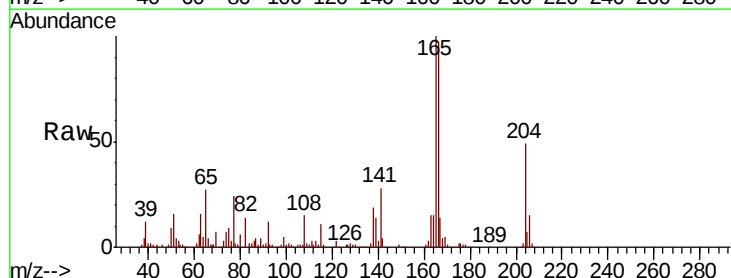


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

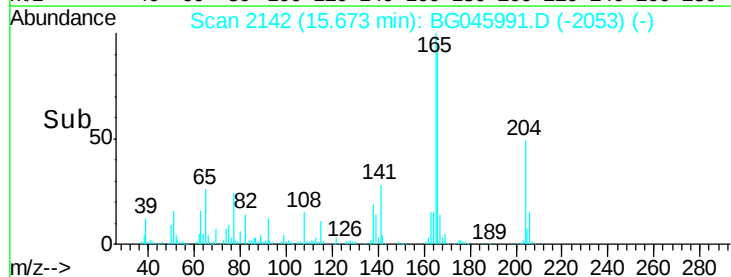
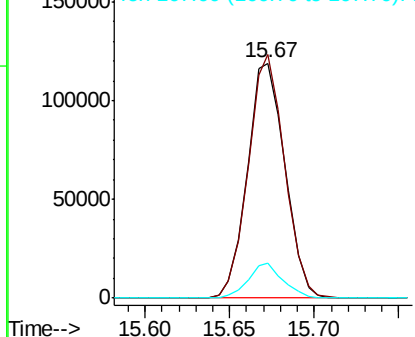


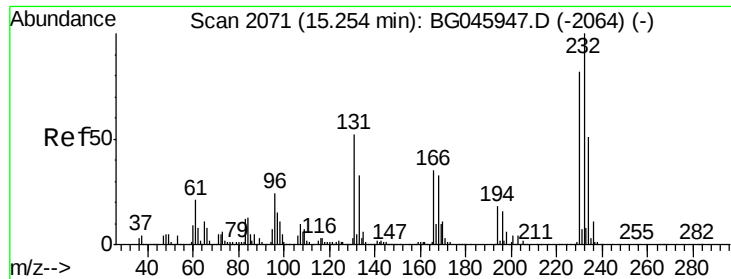
#58
 Fluorene
 Concen: 7.182 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion:166 Resp: 183026
 Ion Ratio Lower Upper
 166 100
 165 103.6 78.9 118.3
 167 14.6 12.1 18.1



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

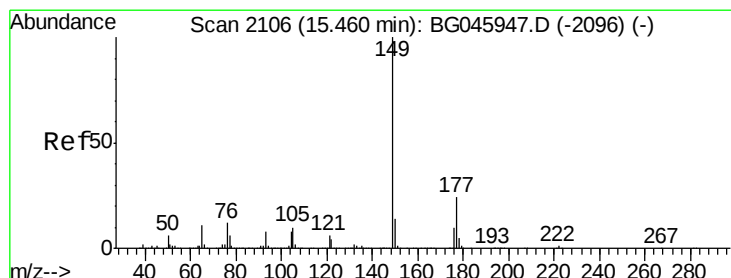
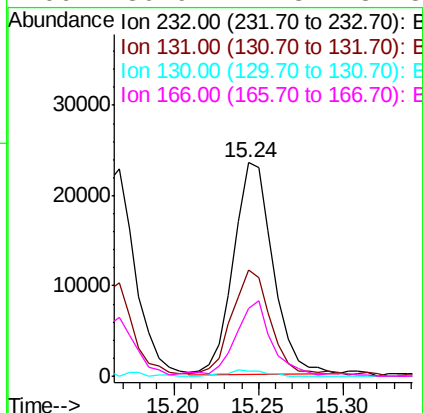
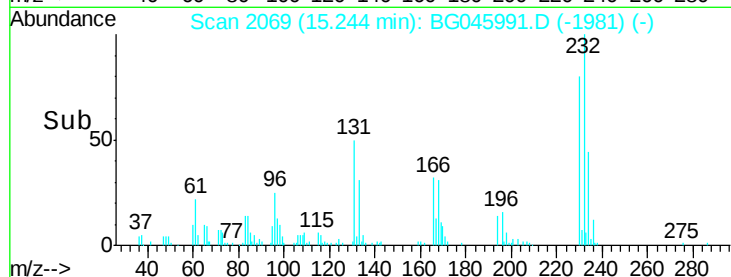
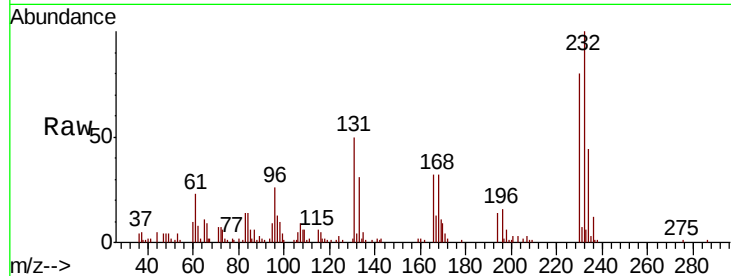




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.536 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

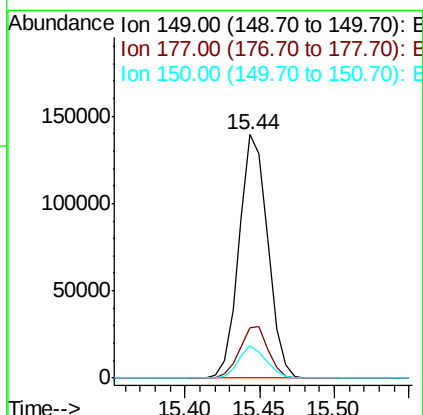
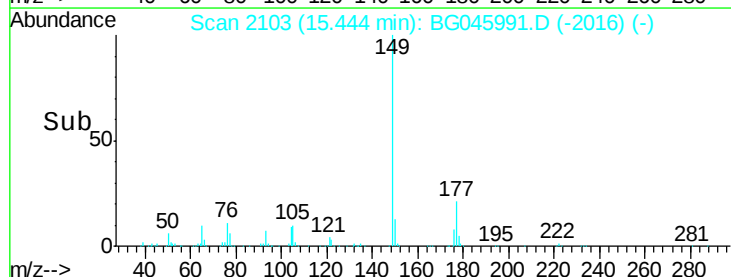
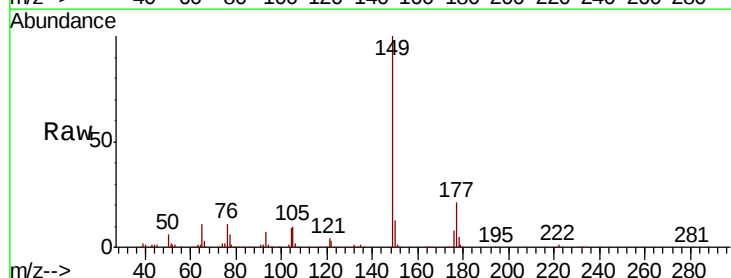
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

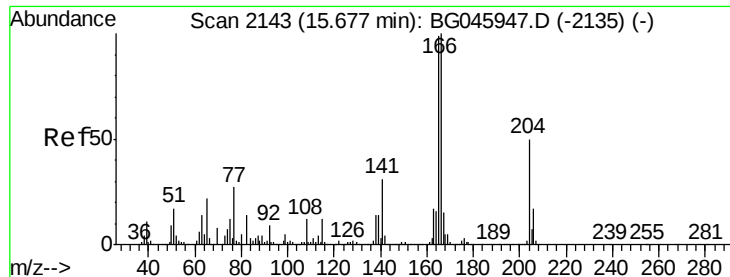
Tot Ion:	232	Resp:	38161
Ion	Ratio	Lower	Upper
232	100		
131	49.5	35.8	53.6
130	2.8	2.5	3.7
166	30.9	21.8	32.8



#60
 Diethylphthalate
 Concen: 6.731 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion:	149	Resp:	185874
Ion	Ratio	Lower	Upper
149	100		
177	20.7	19.0	28.4
150	13.1	11.0	16.4

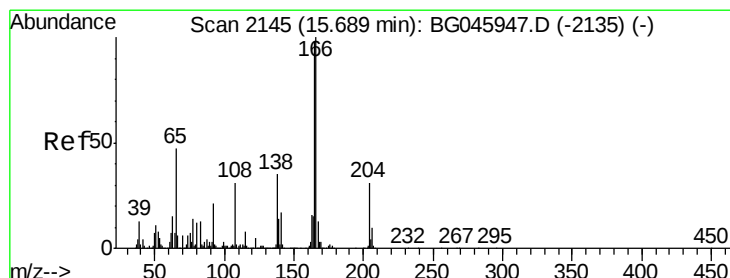
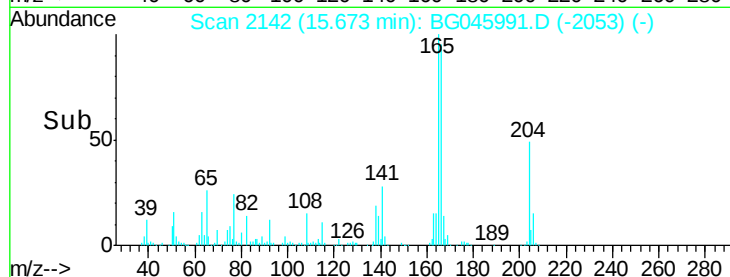
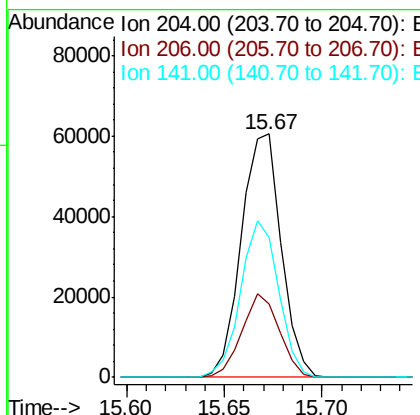
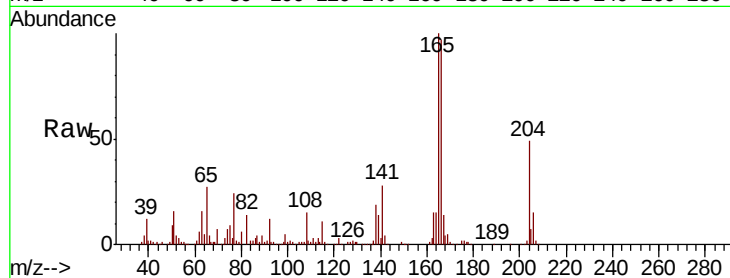




#61
4-Chlorophenyl-phenylether
Concen: 6.773 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

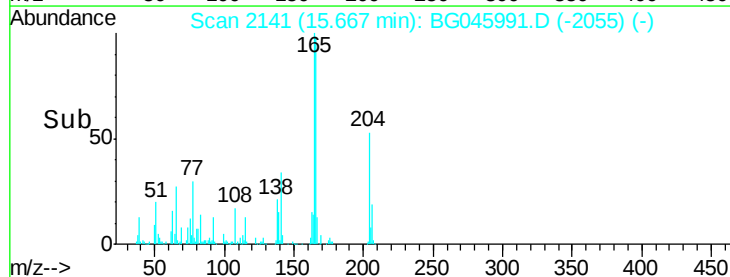
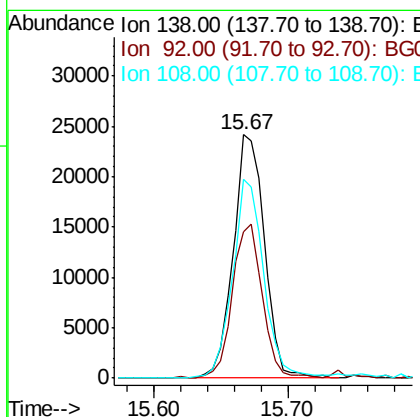
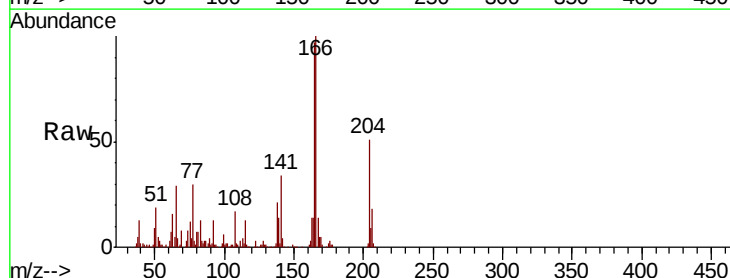
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

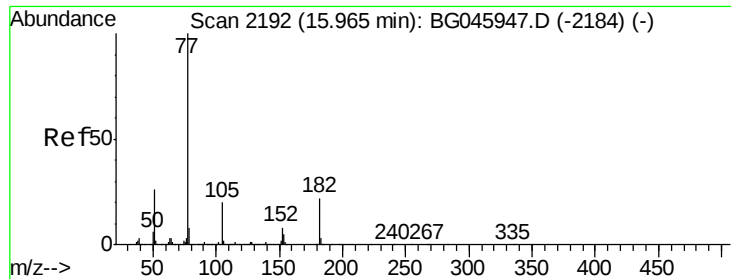
Tot Ion:204 Resp: 85868
Ion Ratio Lower Upper
204 100
206 30.1 27.1 40.7
141 57.5 49.8 74.8



#62
4-Nitroaniline
Concen: 7.194 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:138 Resp: 39150
Ion Ratio Lower Upper
138 100
92 60.2 40.3 80.3
108 81.5 68.0 108.0

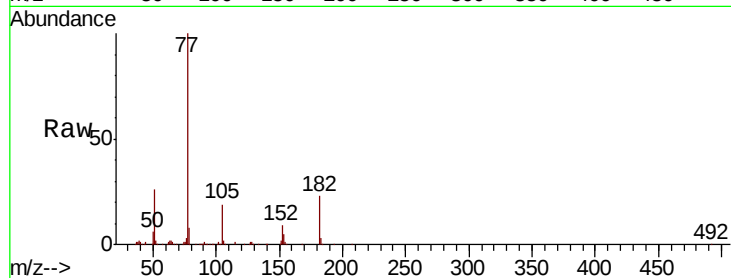




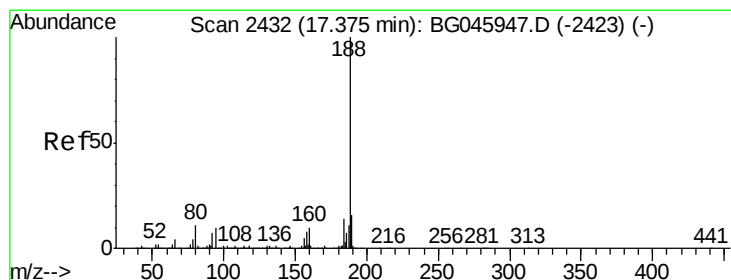
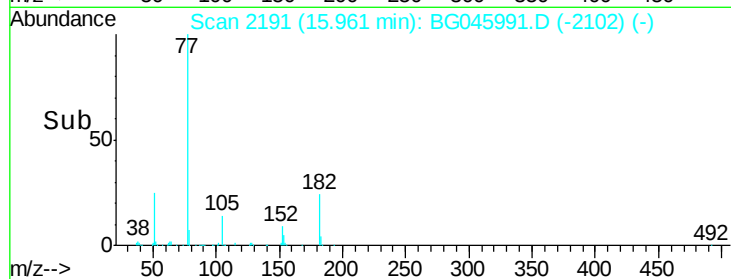
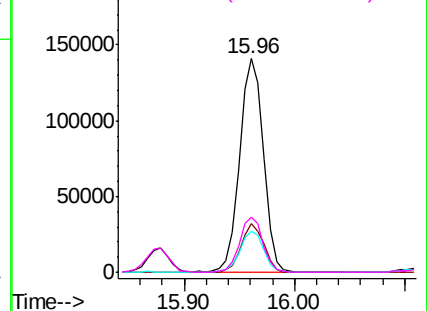
#63
Azobenzene
Concen: 7.190 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:	77	Resp:	213085
Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.4	42.4
105	19.3	0.3	40.3
51	25.7	6.3	46.3

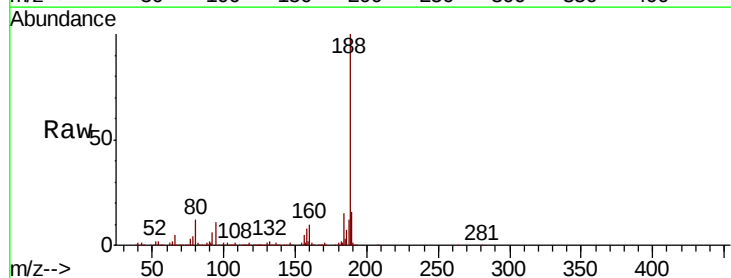


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

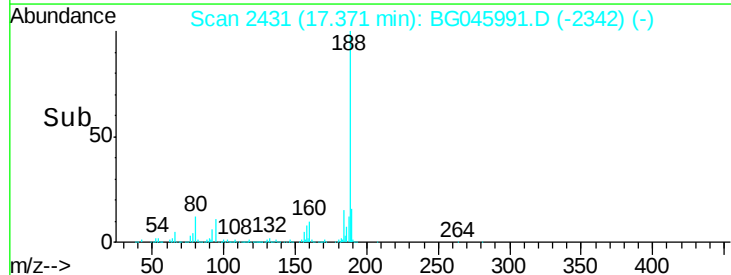
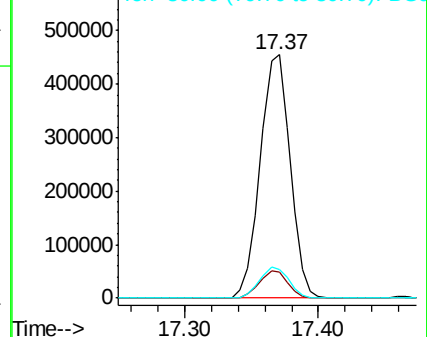


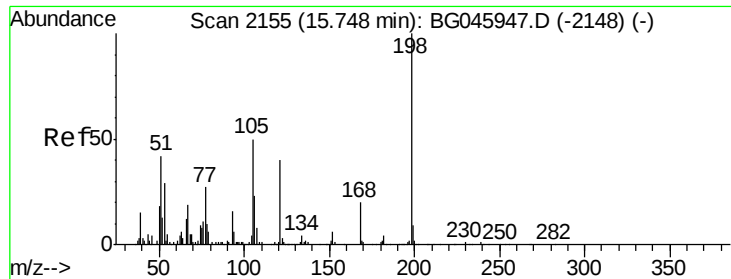
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:	188	Resp:	702103
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.4
80	11.7	9.0	13.6



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: 5.439 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

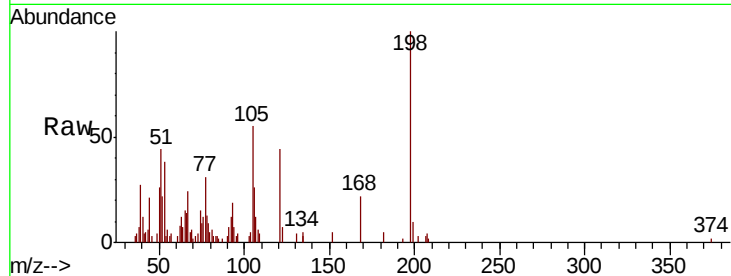
Tot Ion:198 Resp: 11185

Ion Ratio Lower Upper

198 100

51 44.4 24.5 64.5

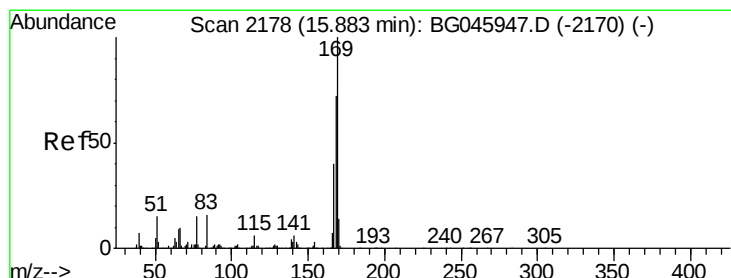
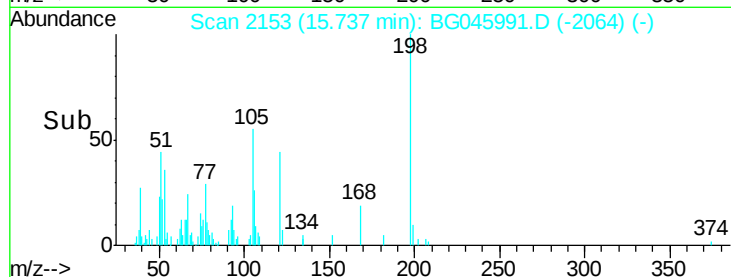
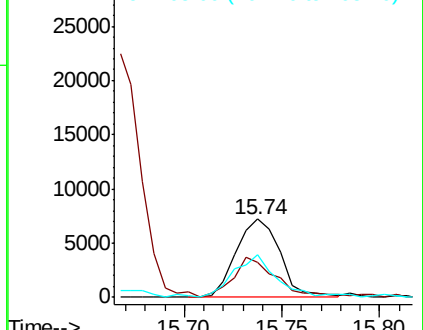
105 54.7 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.260 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

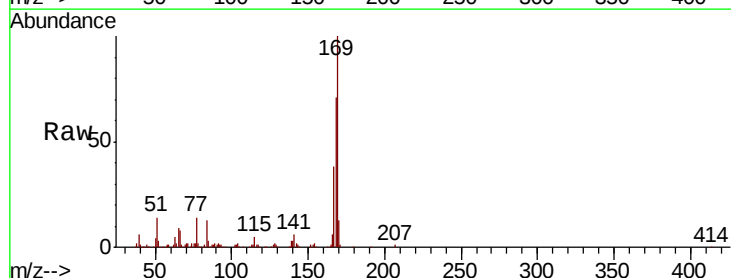
Tgt Ion:169 Resp: 157963

Ion Ratio Lower Upper

169 100

168 71.5 57.3 85.9

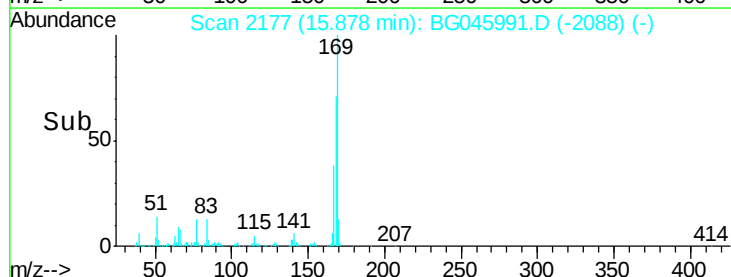
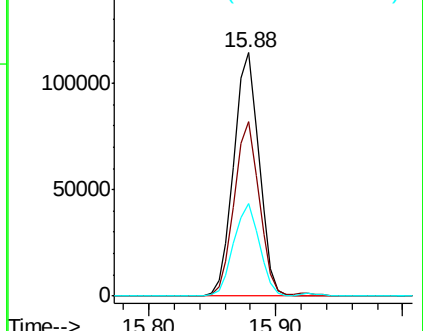
167 38.1 32.1 48.1

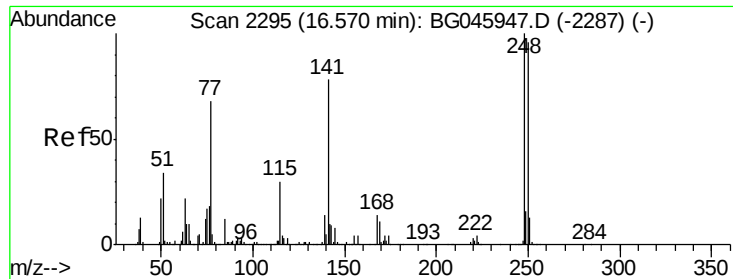


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

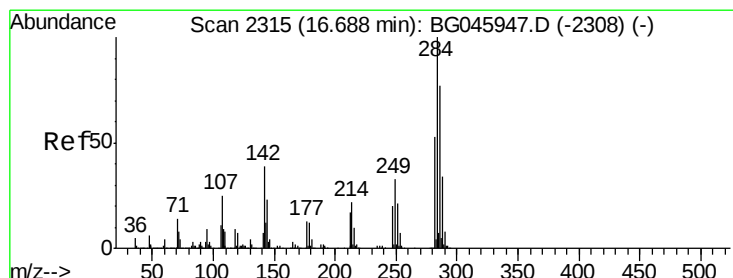
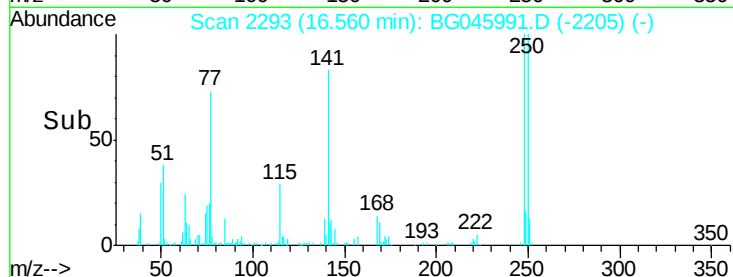
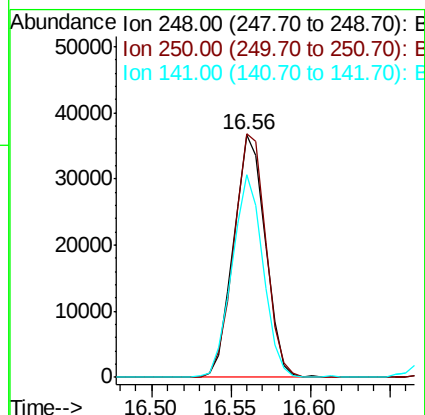
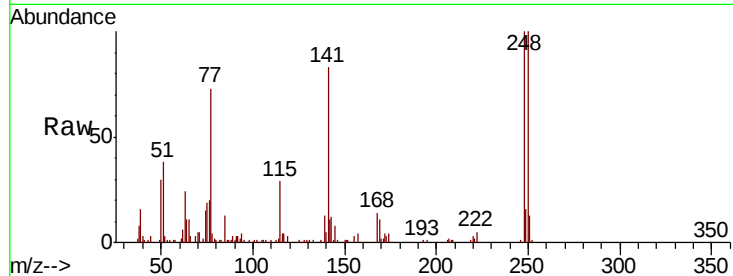




#67
4-Bromophenyl-phenylether
Concen: 6.455 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

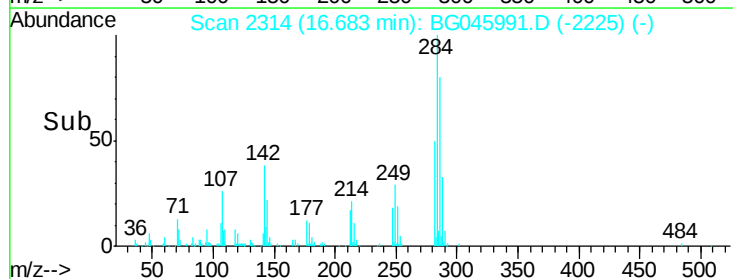
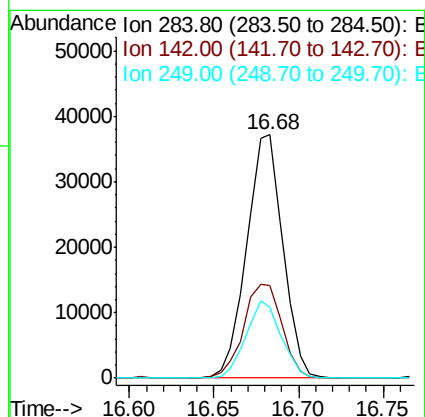
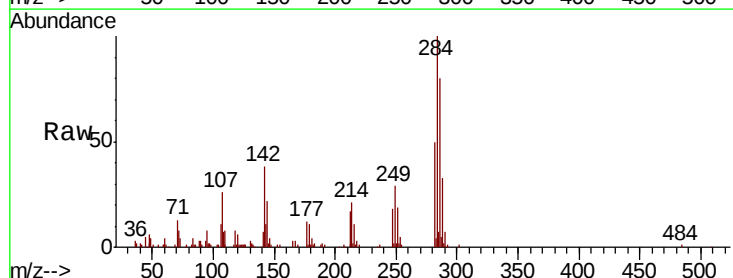
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

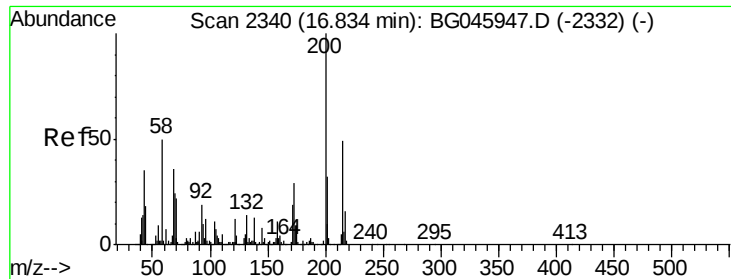
Tot Ion:248 Resp: 50618
Ion Ratio Lower Upper
248 100
250 100.5 76.6 114.8
141 83.6 62.7 94.1



#68
Hexachlorobenzene
Concen: 7.039 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion:284 Resp: 55387
Ion Ratio Lower Upper
284 100
142 38.2 31.3 46.9
249 29.0 26.8 40.2





#69

Atrazine

Concen: 7.890 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

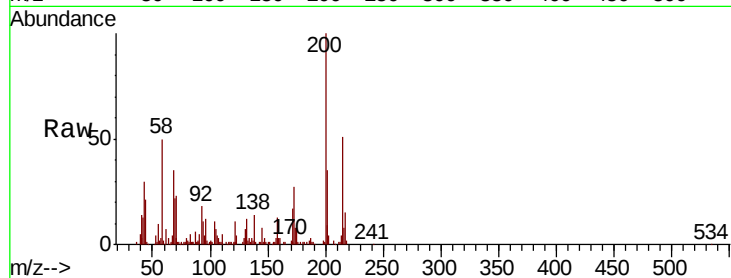
Tot Ion:200 Resp: 50756

Ion Ratio Lower Upper

200 100

173 27.4 9.1 49.1

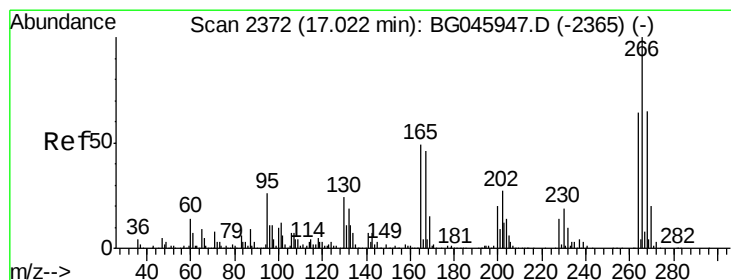
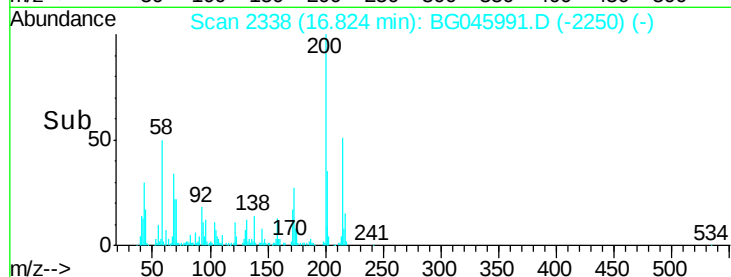
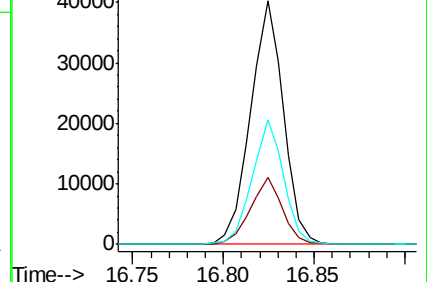
215 51.2 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 5.063 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

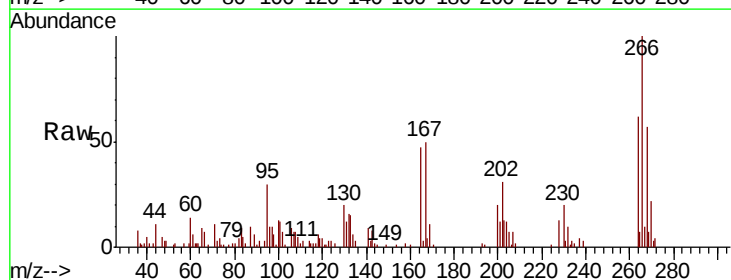
Tgt Ion:266 Resp: 22152

Ion Ratio Lower Upper

266 100

268 56.7 51.8 77.8

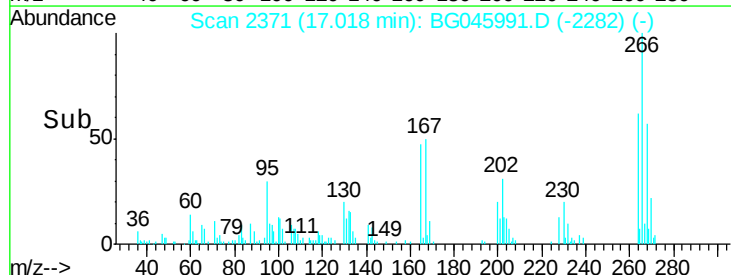
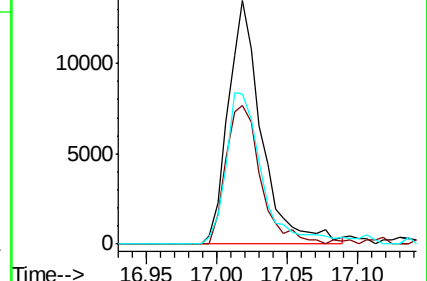
264 61.8 51.4 77.0

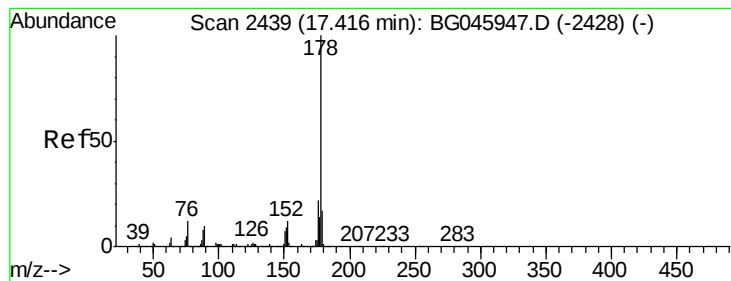


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 7.398 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

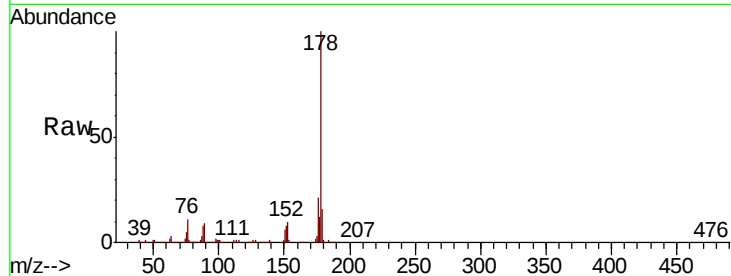
Tot Ion:178 Resp: 274616

Ion Ratio Lower Upper

178 100

176 20.7 17.4 26.2

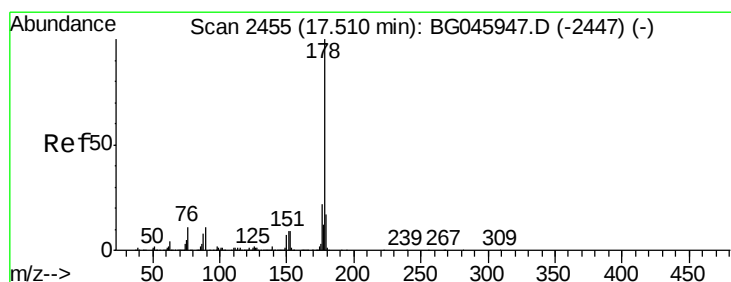
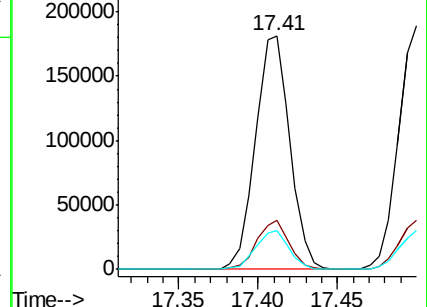
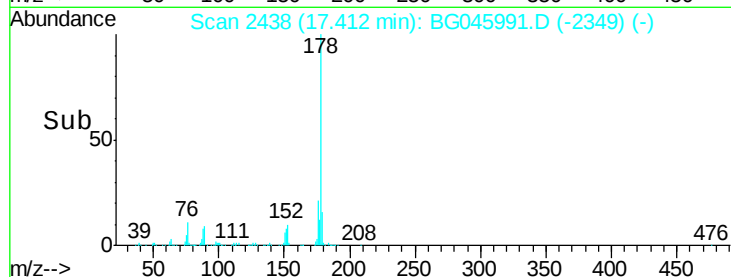
179 16.4 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 7.492 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

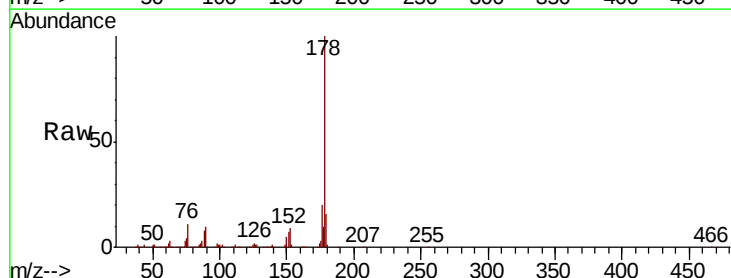
Tgt Ion:178 Resp: 282214

Ion Ratio Lower Upper

178 100

176 20.2 17.2 25.8

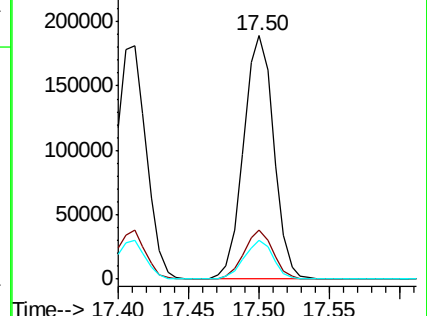
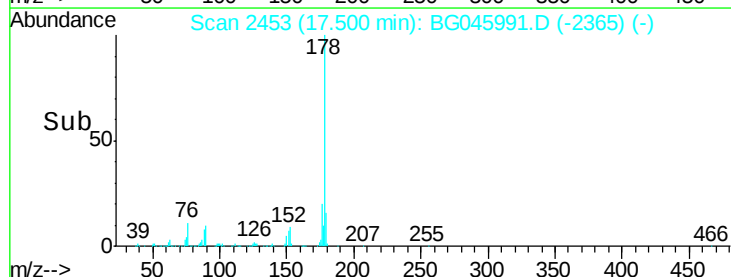
179 16.0 14.0 21.0

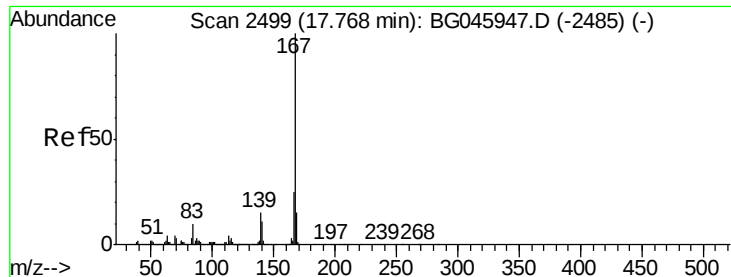


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

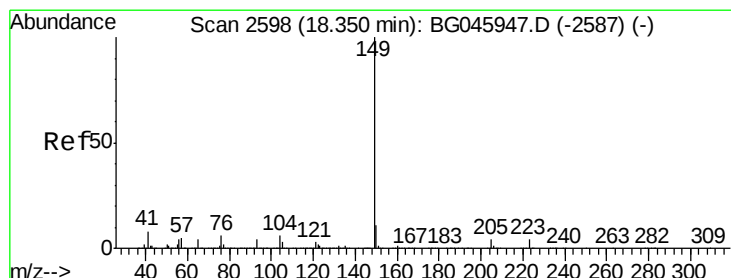
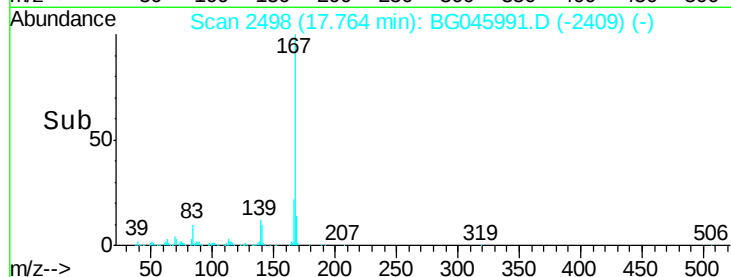
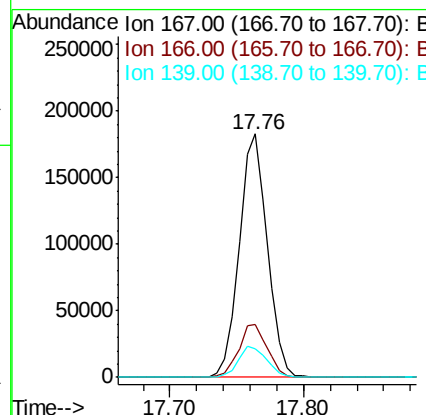
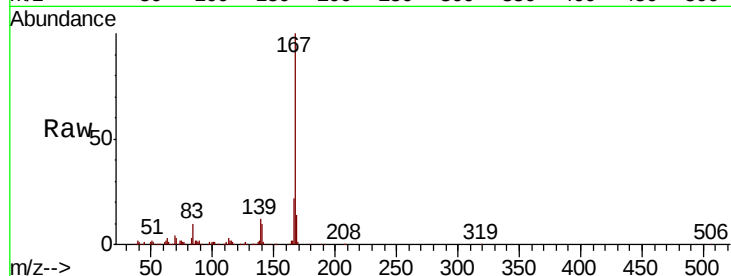




#73
 Carbazole
 Concen: 7.039 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

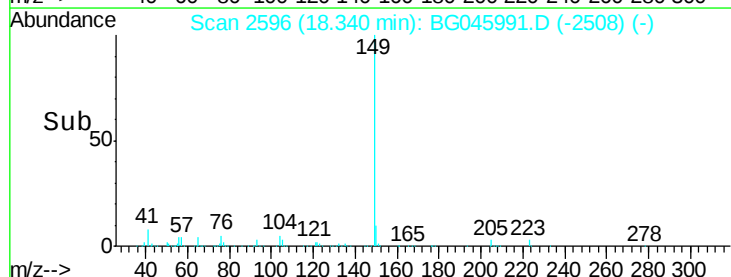
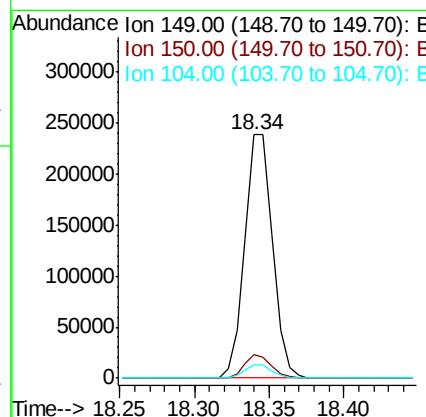
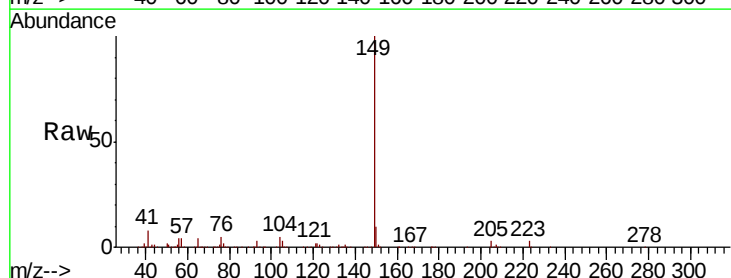
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

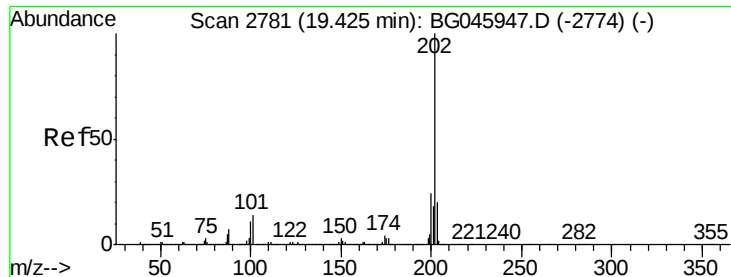
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	20.4	30.6
139	11.7	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 6.754 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.0	13.4
104	5.2	5.2	7.8





#75

Fluoranthene

Concen: 7.332 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

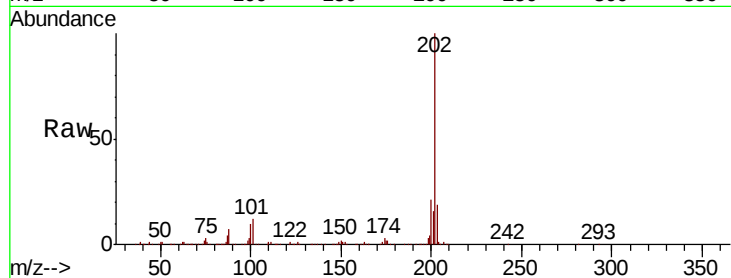
Tot Ion:202 Resp: 314603

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

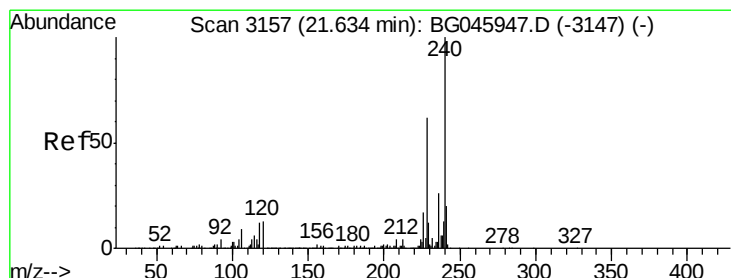
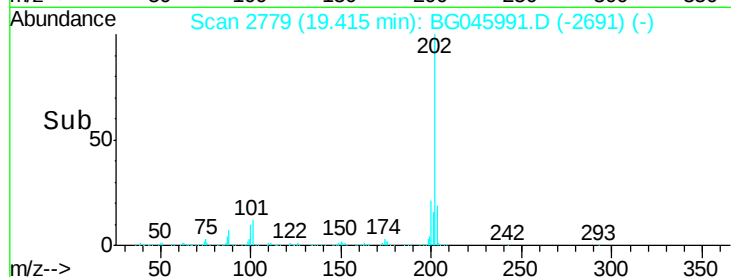
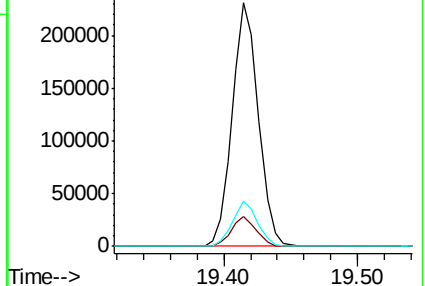
203 18.8 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

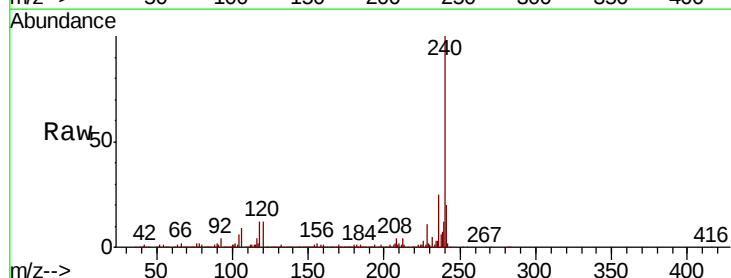
Tgt Ion:240 Resp: 637491

Ion Ratio Lower Upper

240 100

120 12.1 10.6 16.0

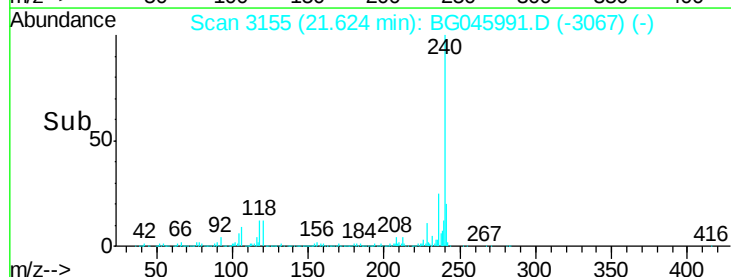
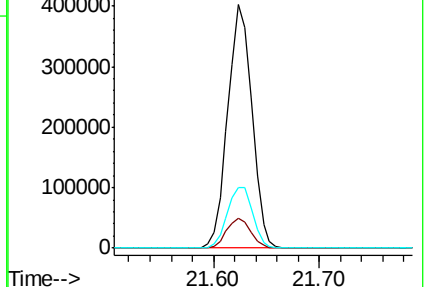
236 25.1 20.4 30.6

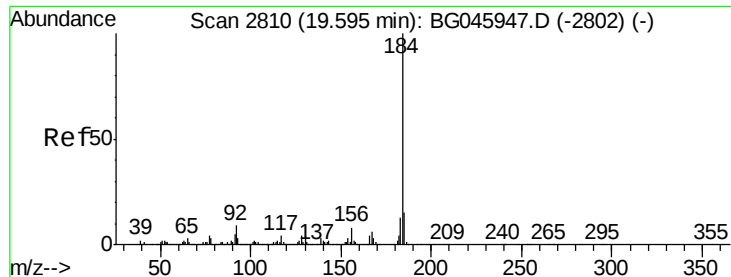


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.422 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

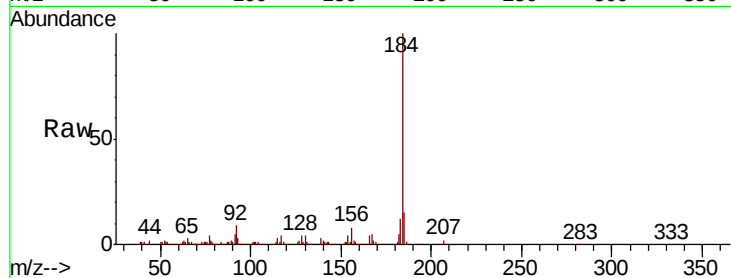
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:184 Resp: 153506

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.6	17.4
183	11.6	10.4	15.6

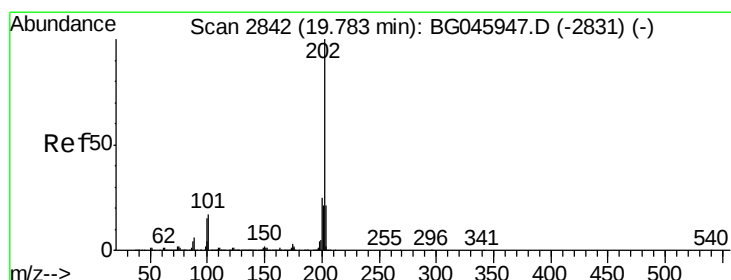
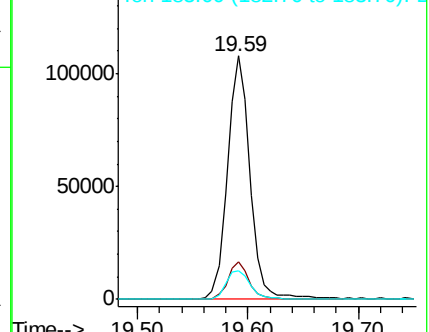
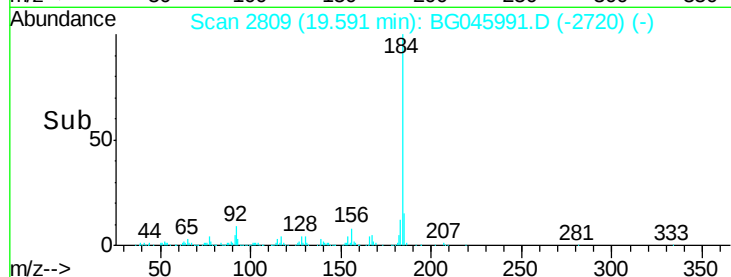


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.500 ng

RT: 19.78 min Scan# 2841

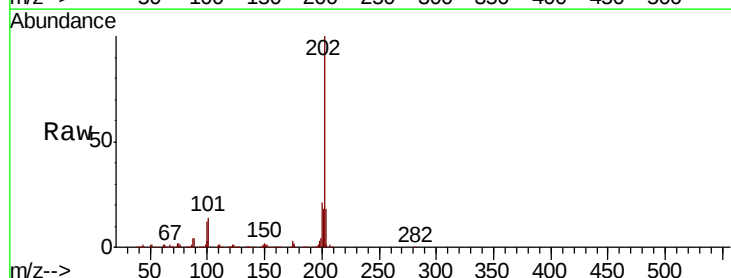
Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Tgt Ion:202 Resp: 326370

Ion	Ratio	Lower	Upper
202	100		
200	21.0	20.1	30.1
203	17.9	16.5	24.7

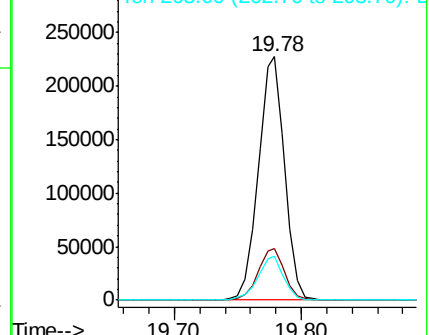
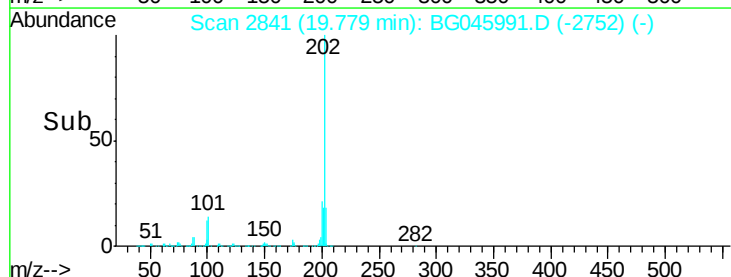


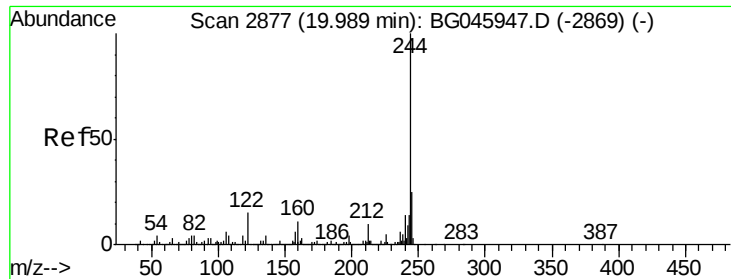
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.241 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

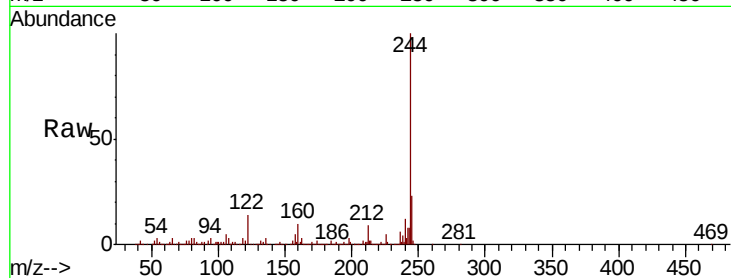
Tot Ion:244 Resp: 1696950

Ion Ratio Lower Upper

244 100

212 8.7 8.3 12.5

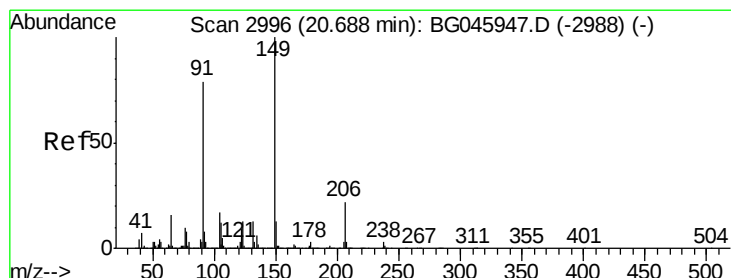
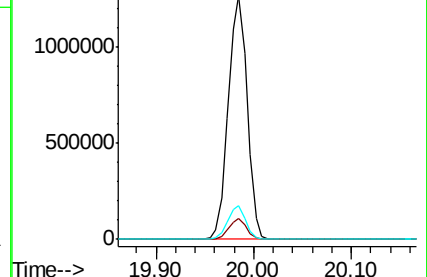
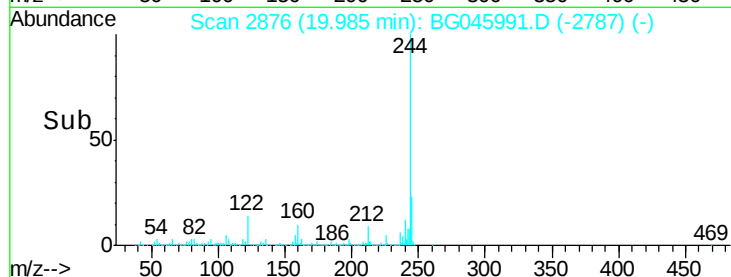
122 13.9 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.089 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

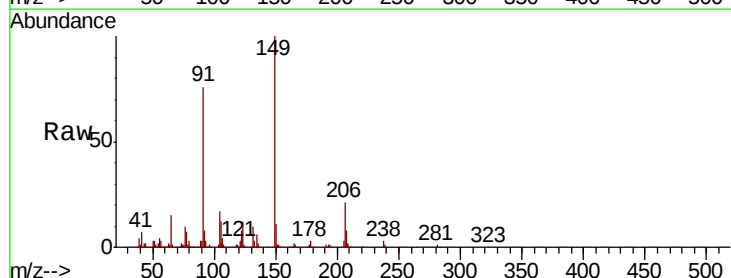
Tgt Ion:149 Resp: 125202

Ion Ratio Lower Upper

149 100

91 76.3 63.1 94.7

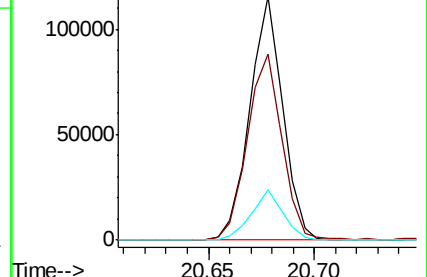
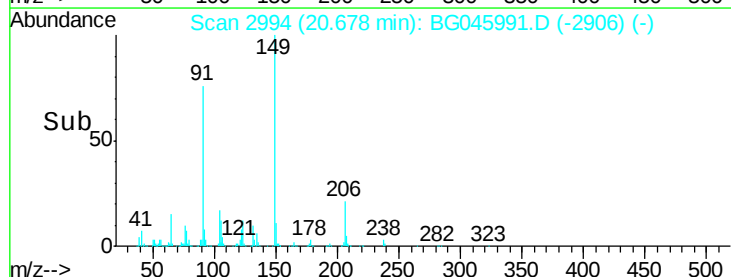
206 20.6 17.4 26.0

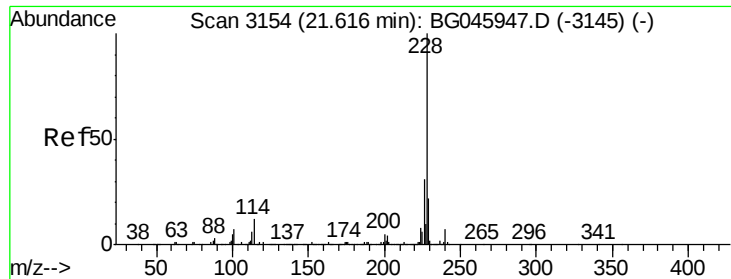


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

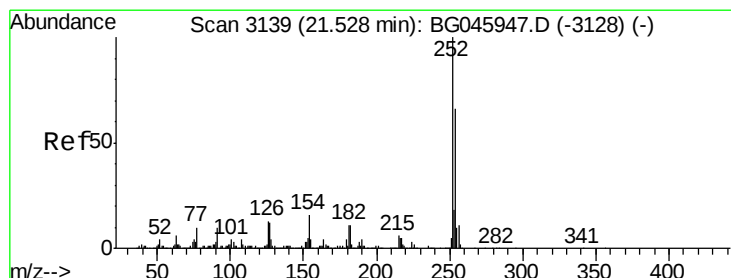
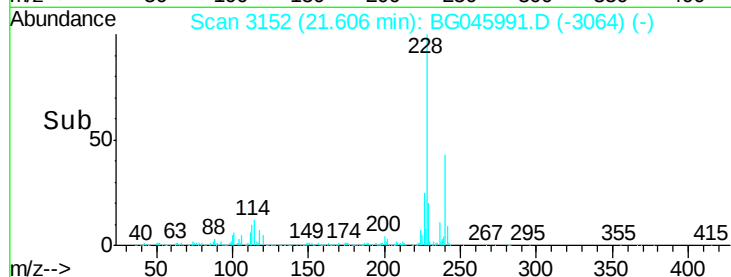
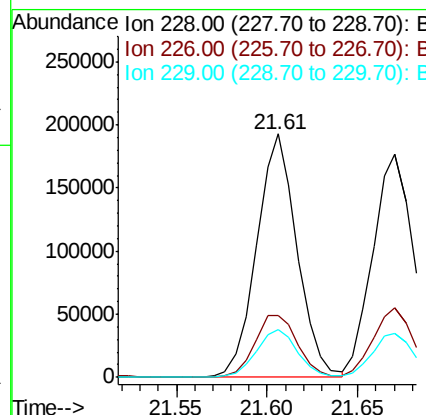
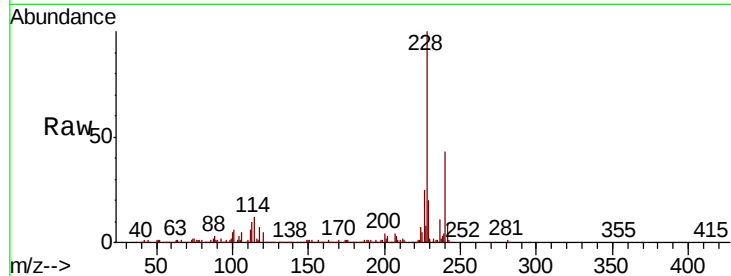




#81
Benzo(a)anthracene
Concen: 7.155 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

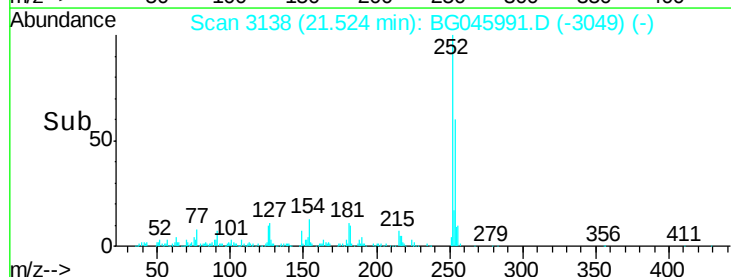
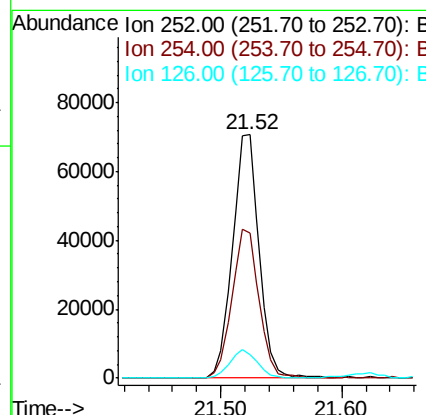
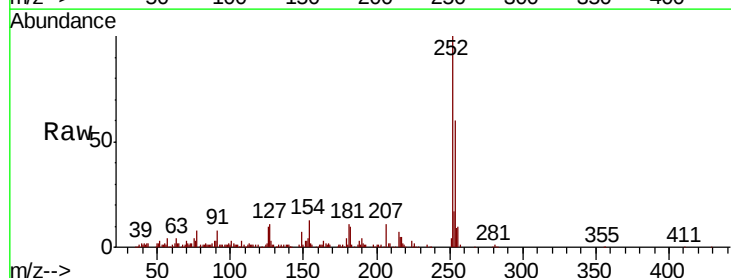
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

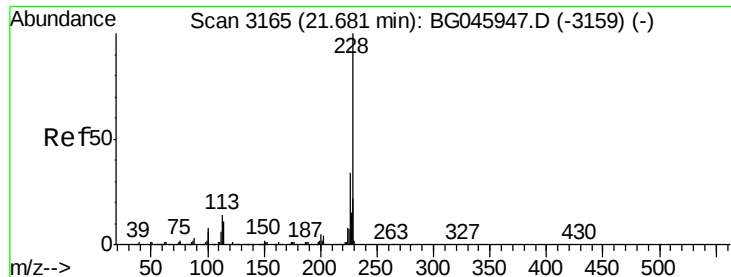
Tot Ion	Ratio	Lower	Upper
228	100		
226	25.3	24.8	37.2
229	19.8	17.8	26.8



#82
3,3'-Dichlorobenzidine
Concen: 6.965 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.7	52.9	79.3
126	9.9	10.4	15.6





#83

Chrysene

Concen: 6.923 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

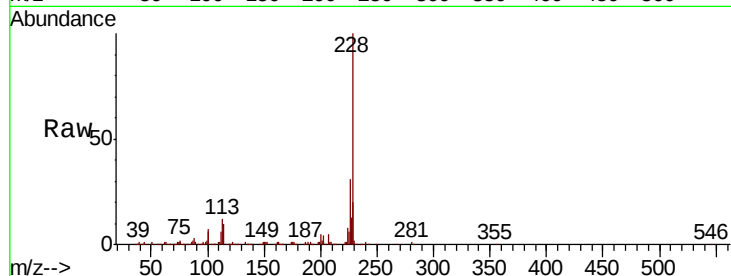
Tot Ion:228 Resp: 276459

Ion Ratio Lower Upper

228 100

226 31.1 26.7 40.1

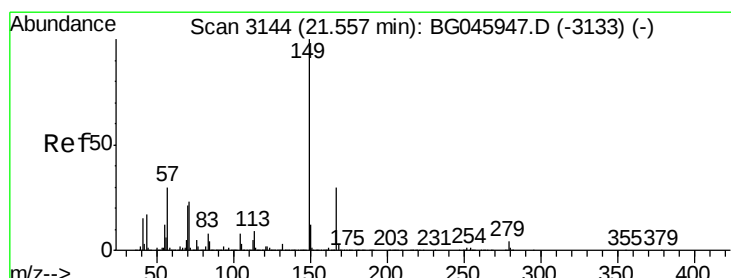
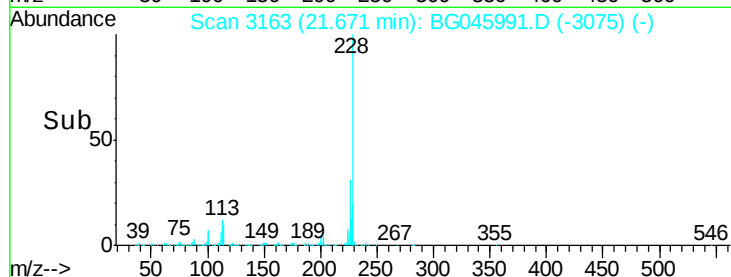
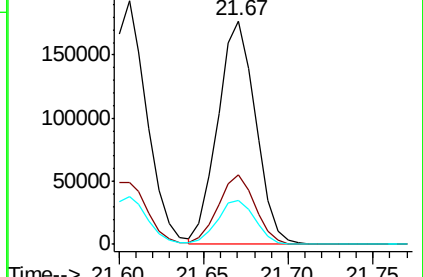
229 20.0 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.370 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

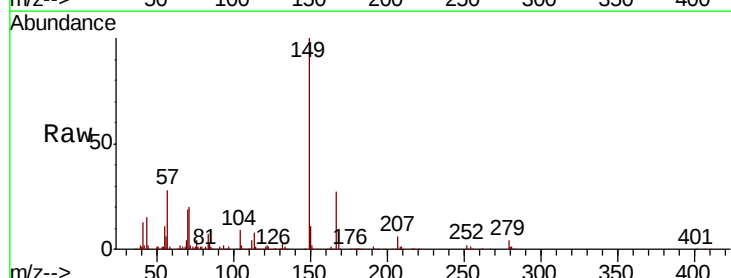
Tgt Ion:149 Resp: 190140

Ion Ratio Lower Upper

149 100

167 26.7 23.8 35.8

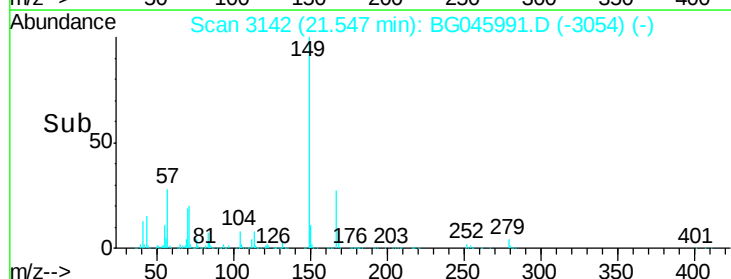
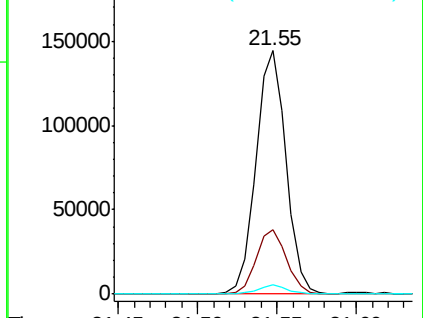
279 3.8 3.5 5.3

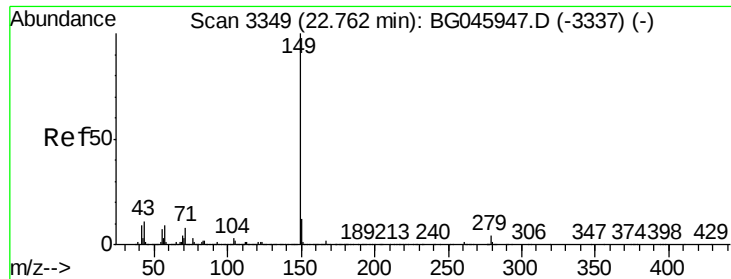


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

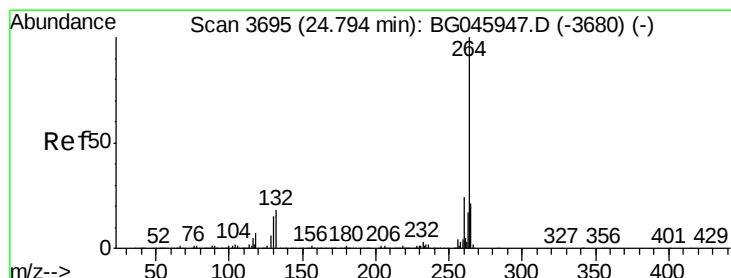
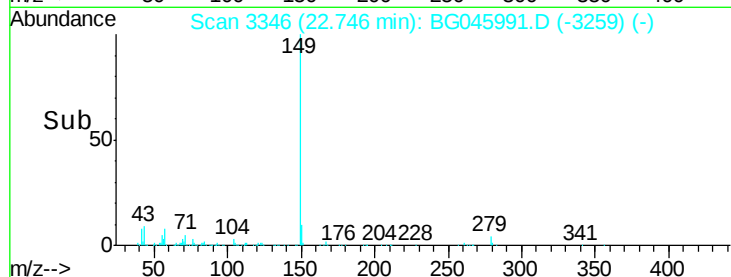
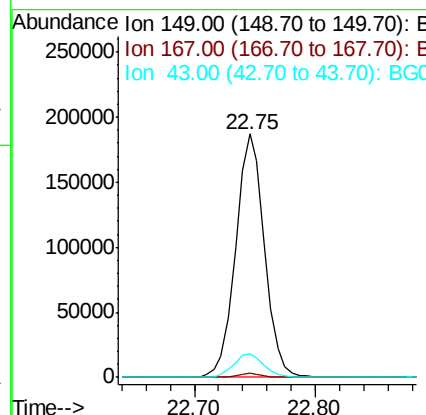
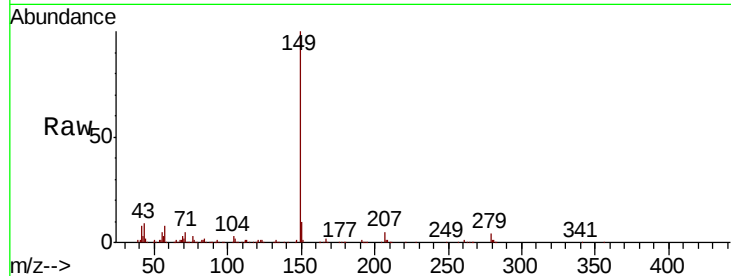




#85
Di-n-octyl phthalate
Concen: 5.956 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

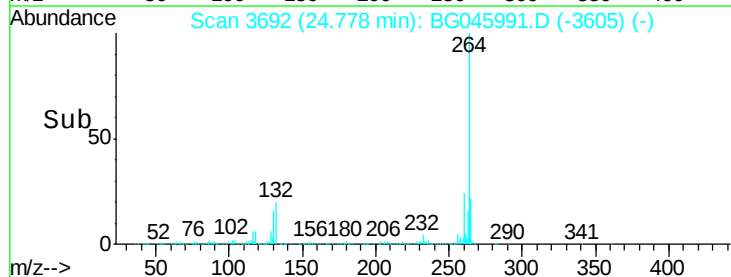
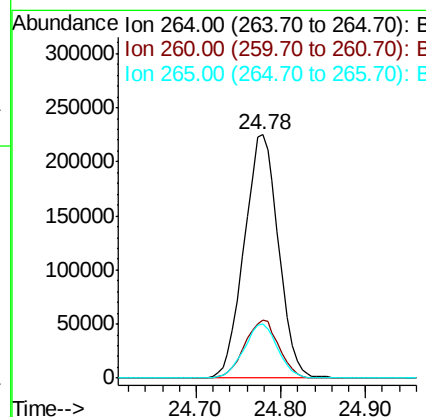
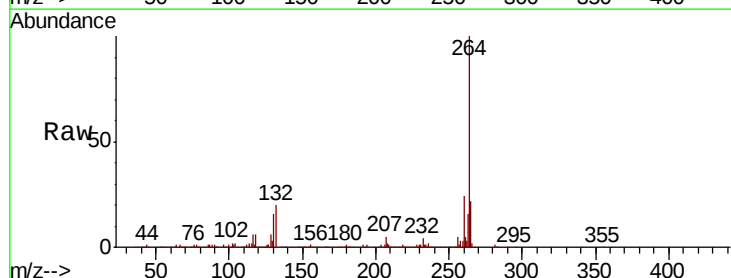
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

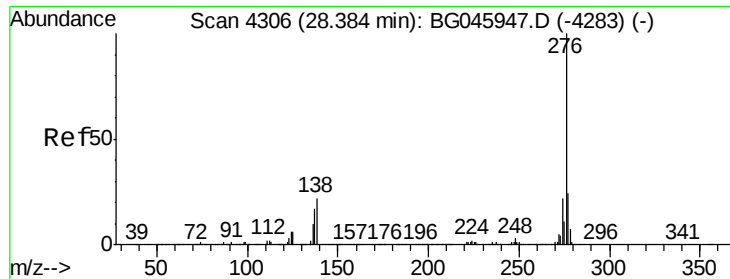
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	9.8	8.6	12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.2	16.9	25.3

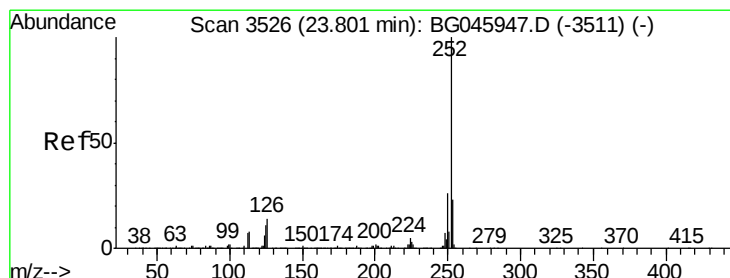
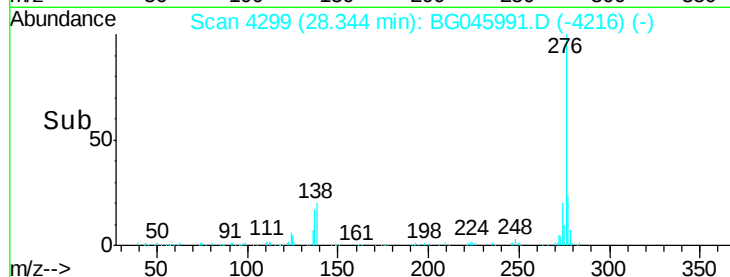
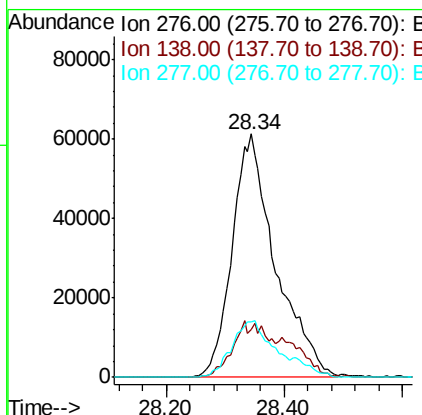
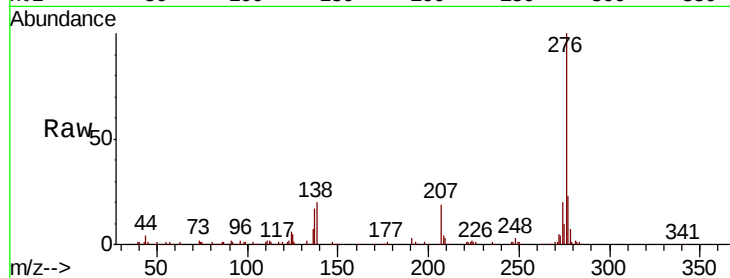




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.743 ng
 RT: 28.34 min Scan# 4299
 Delta R.T. -0.04 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

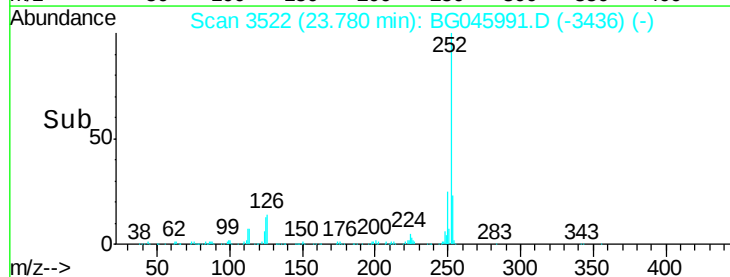
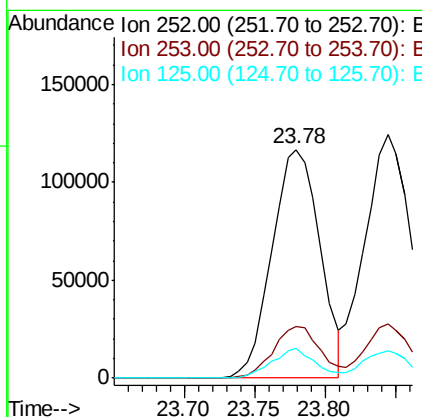
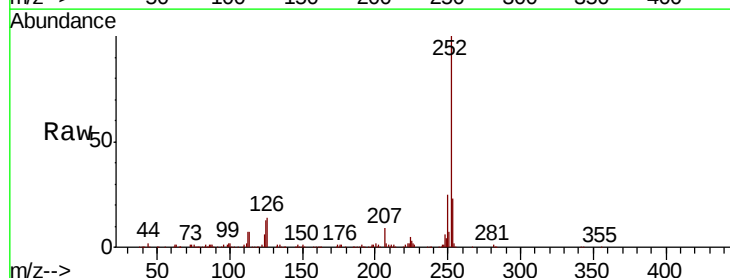
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2020

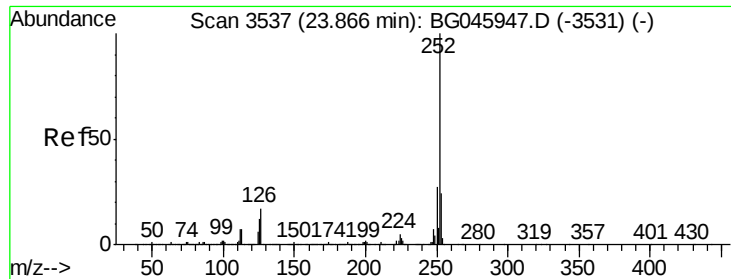
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.4	24.6#
277	21.5	20.6	31.0



#88
 Benzo(b)fluoranthene
 Concen: 6.870 ng
 RT: 23.78 min Scan# 3522
 Delta R.T. -0.02 min
 Lab File: BG045991.D
 Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.3	9.2	13.8

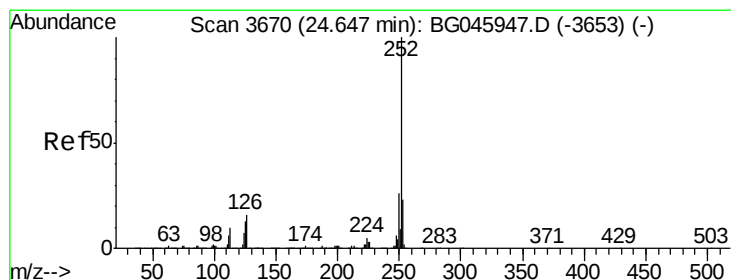
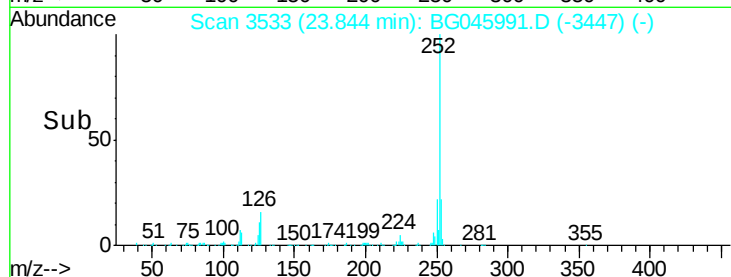
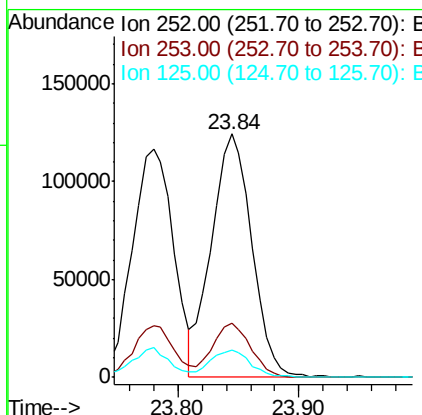
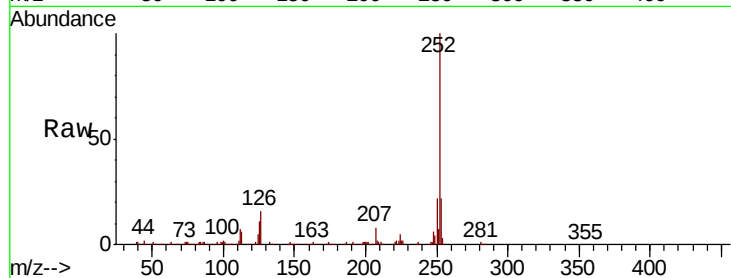




#89
Benzo(k)fluoranthene
Concen: 7.519 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

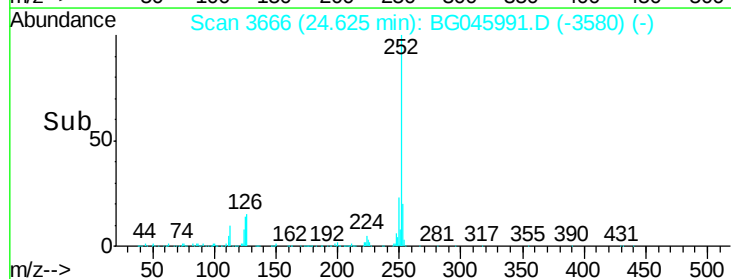
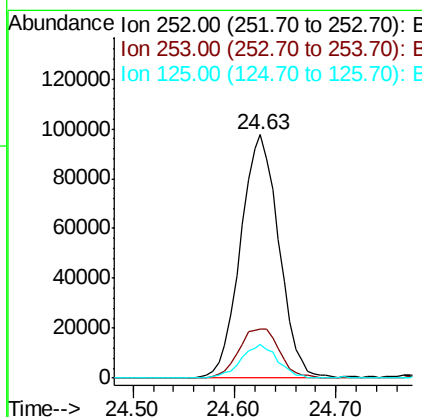
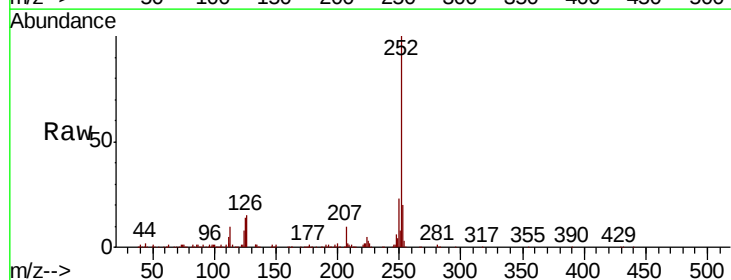
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2020

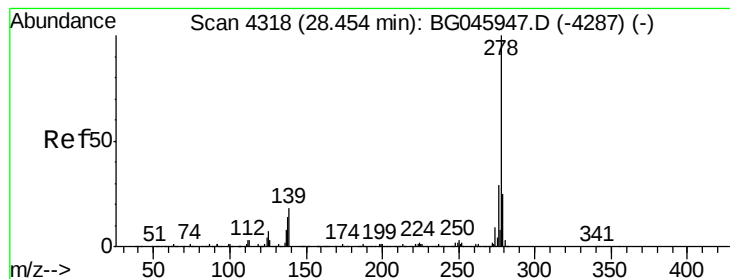
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	11.5	9.6	14.4



#90
Benzo(a)pyrene
Concen: 6.781 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.02 min
Lab File: BG045991.D
Acq: 9 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.6	28.0
125	13.8	10.5	15.7





#91

Dibenzo(a,h)anthracene

Concen: 6.931 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.05 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2020

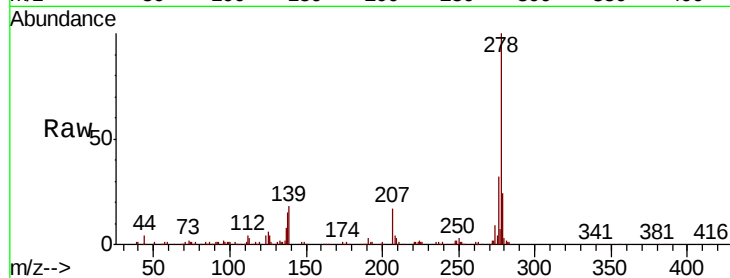
Tot Ion:278 Resp: 259167

Ion Ratio Lower Upper

278 100

139 18.3 14.3 21.5

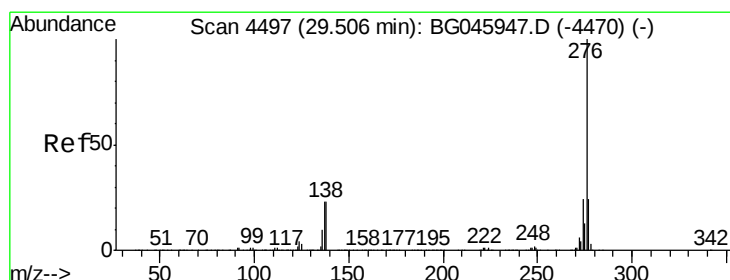
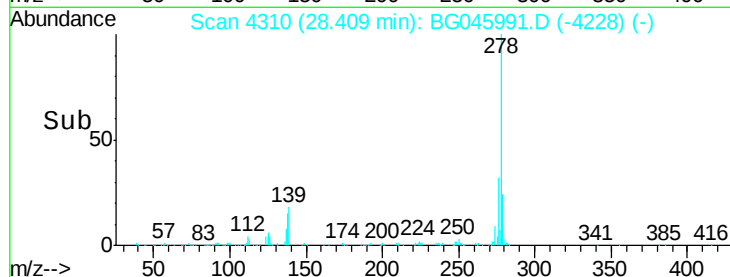
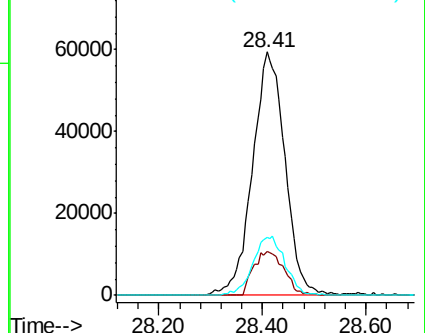
279 24.0 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.001 ng

RT: 29.45 min Scan# 4487

Delta R.T. -0.06 min

Lab File: BG045991.D

Acq: 9 Jul 2020 11:45

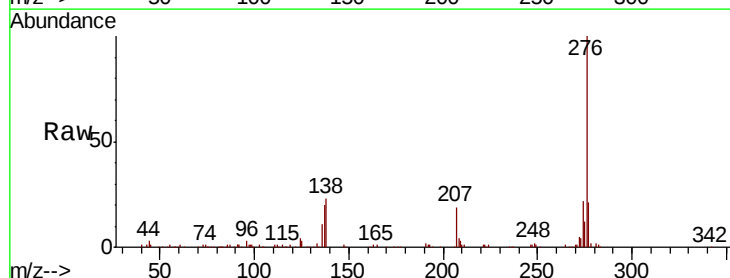
Tgt Ion:276 Resp: 263425

Ion Ratio Lower Upper

276 100

277 21.4 19.4 29.0

138 22.6 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

