

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041791.D
 Acq On : 29 Jul 2019 16:24
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 30 01:08:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98212	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	422380	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	308604	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	696160	20.00	ng	0.00
76) Chrysene-d12	21.74	240	683300	20.00	ng	0.00
87) Perylene-d12	25.01	264	780237	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	510352	101.10	ng	0.00
7) Phenol-d6	7.19	99	682322	100.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	515635	84.01	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	365331	104.22	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1420416	81.18	ng	0.00
79) Terphenyl-d14	20.06	244	2193836	73.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	20434	8.601	ng	87
3) Pyridine	3.88	79	41635	6.390	ng	89
4) n-Nitrosodimethylamine	3.79	42	17816	6.898	ng	# 93
6) Aniline	7.36	93	74277	7.751	ng	96
8) 2-Chlorophenol	7.60	128	45923	7.945	ng	96
9) Benzaldehyde	7.17	77	41505	8.668	ng	84
10) Phenol	7.21	94	55801	7.882	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	44604	7.663	ng	92
12) 1,3-Dichlorobenzene	7.94	146	57352	7.602	ng	97
13) 1,4-Dichlorobenzene	8.08	146	58307	7.724	ng	95
14) 1,2-Dichlorobenzene	8.40	146	55164	7.658	ng	95
15) Benzyl Alcohol	8.28	79	39647	7.405	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	77849	7.518	ng	98
17) 2-Methylphenol	8.48	107	38763	7.528	ng	95
18) Hexachloroethane	9.15	117	19386	7.499	ng	88
19) n-Nitroso-di-n-propylamine	8.85	70	38619	7.816	ng	90
20) 3+4-Methylphenols	8.81	107	53991	7.663	ng	97
22) Acetophenone	8.87	105	77094	8.160	ng	# 87
24) Nitrobenzene	9.25	77	53353	8.251	ng	99
25) Isophorone	9.78	82	105718	7.918	ng	100
26) 2-Nitrophenol	9.97	139	23258	7.750	ng	96
27) 2,4-Dimethylphenol	10.03	122	44599	8.420	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	65365	7.834	ng	96
29) 2,4-Dichlorophenol	10.51	162	49252	7.636	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	63653	7.782	ng	96
31) Naphthalene	10.92	128	157531	8.149	ng	97
32) Benzoic acid	10.11	122	5187	9.850	ng	94
33) 4-Chloroaniline	11.02	127	67635	7.378	ng	97
34) Hexachlorobutadiene	11.22	225	39930	7.233	ng	91
35) Caprolactam	11.77	113	17895	7.983	ng	# 71
36) 4-Chloro-3-methylphenol	12.14	107	49225	7.698	ng	99
37) 2-Methylnaphthalene	12.53	142	124580	8.142	ng	99
38) 1-Methylnaphthalene	12.75	142	120519	8.311	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	77463	7.930	ng	# 98

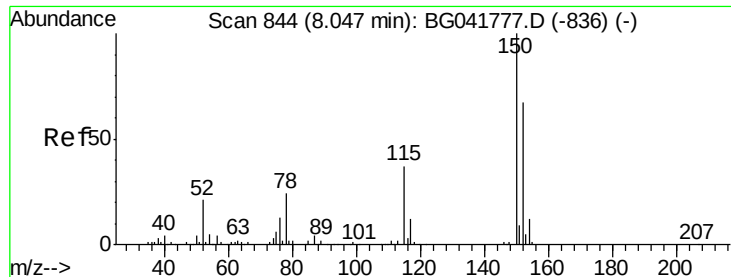
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041791.D
 Acq On : 29 Jul 2019 16:24
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 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	41172	7.496	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	45131	7.310	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	50167	7.819	ng	98
46) 1,1'-Biphenyl	13.54	154	164932	8.314	ng	96
47) 2-Chloronaphthalene	13.58	162	134262	7.949	ng	92
48) 2-Nitroaniline	13.77	65	30622	7.149	ng	96
49) Acenaphthylene	14.42	152	216685	8.577	ng #	94
50) Dimethylphthalate	14.15	163	173583	8.236	ng	97
51) 2,6-Dinitrotoluene	14.26	165	36877	8.368	ng	89
52) Acenaphthene	14.76	154	127465	7.757	ng	93
53) 3-Nitroaniline	14.59	138	34309	7.277	ng #	96
54) 2,4-Dinitrophenol	14.80	184	9216	7.982	ng	95
55) Dibenzofuran	15.10	168	220197	8.761	ng	90
56) 4-Nitrophenol	14.89	139	25331	7.078	ng	87
57) 2,4-Dinitrotoluene	15.05	165	46906	7.739	ng	92
58) Fluorene	15.75	166	173360	8.595	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	46917	7.383	ng	96
60) Diethylphthalate	15.52	149	171315	8.279	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	100840	8.189	ng	96
62) 4-Nitroaniline	15.75	138	37427	7.329	ng	95
63) Azobenzene	16.04	77	139123	8.231	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	21335	12.220	ng	90
66) n-Nitrosodiphenylamine	15.95	169	161003	8.490	ng	92
67) 4-Bromophenyl-phenylether	16.64	248	65891	7.684	ng	98
68) Hexachlorobenzene	16.76	284	67912	7.570	ng	95
69) Atrazine	16.90	200	57004	7.651	ng	98
70) Pentachlorophenol	17.10	266	31111	6.104	ng	97
71) Phenanthrene	17.58	178	292574	8.768	ng	93
72) Anthracene	17.58	178	292574	8.791	ng	93
73) Carbazole	17.85	167	254978	8.536	ng	92
74) Di-n-butylphthalate	18.42	149	286170	8.451	ng #	93
75) Fluoranthene	19.51	202	362042	8.926	ng	90
77) Benzidine	19.68	184	170703	7.654	ng	97
78) Pyrene	19.86	202	377848	9.333	ng #	87
80) Butylbenzylphthalate	20.76	149	116686	7.518	ng	89
81) Benzo(a)anthracene	21.78	228	338360	8.370	ng	94
82) 3,3'-Dichlorobenzidine	21.63	252	136605	8.416	ng #	97
83) Chrysene	21.78	228	338360	8.731	ng	90
84) Bis(2-ethylhexyl)phthalate	21.63	149	174527	8.151	ng	91
85) Di-n-octyl phthalate	22.87	149	287010	7.965	ng #	91
86) Indeno(1,2,3-cd)pyrene	28.74	276	391856	7.639	ng #	82
88) Benzo(b)fluoranthene	23.97	252	346909	8.128	ng	93
89) Benzo(k)fluoranthene	24.04	252	358566	8.624	ng #	94
90) Benzo(a)pyrene	24.85	252	341414	8.340	ng #	93
91) Dibenzo(a,h)anthracene	28.81	278	325686	8.103	ng	95
92) Benzo(g,h,i)perylene	29.90	276	323297	8.051	ng #	95

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

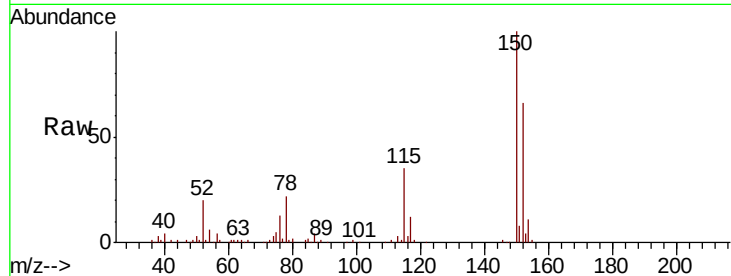


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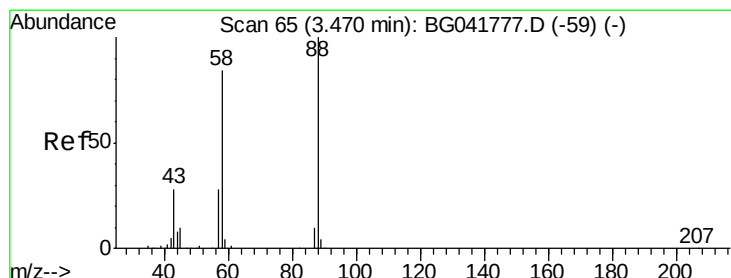
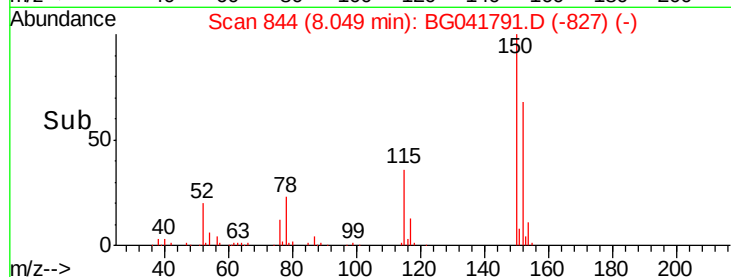
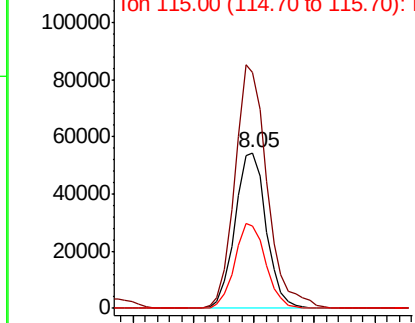
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:152 Resp: 98212
Ion Ratio Lower Upper
152 100
150 152.0 126.9 190.3
115 53.1 45.0 67.6



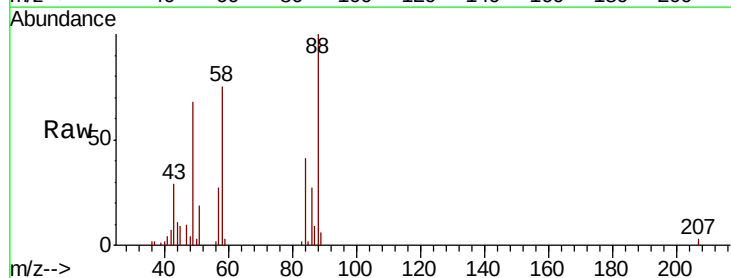
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



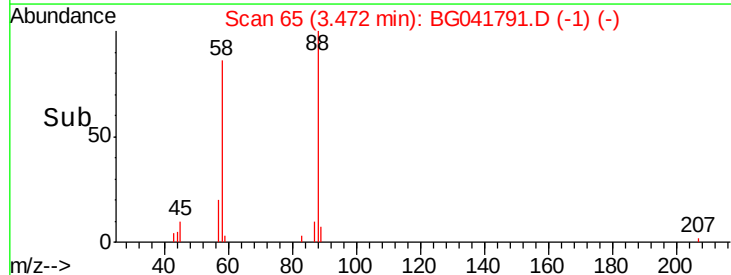
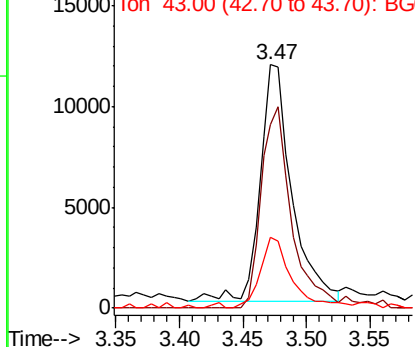
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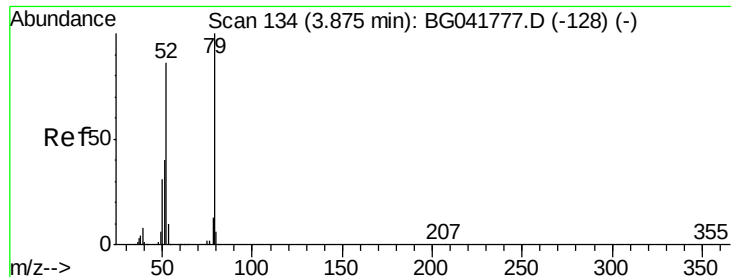
1,4-Dioxane
Concen: 8.601 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion: 88 Resp: 20434
Ion Ratio Lower Upper
88 100
58 80.7 76.2 114.2
43 29.9 27.2 40.8



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





#3

Pvridine

Concen: 6.390 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

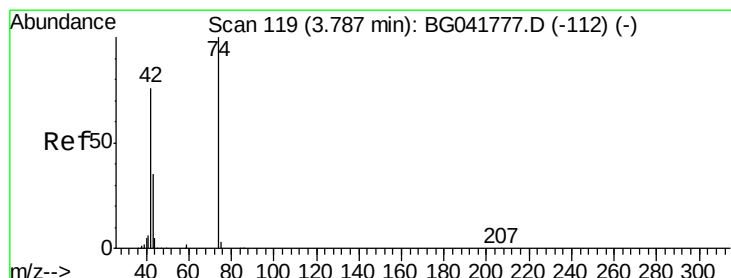
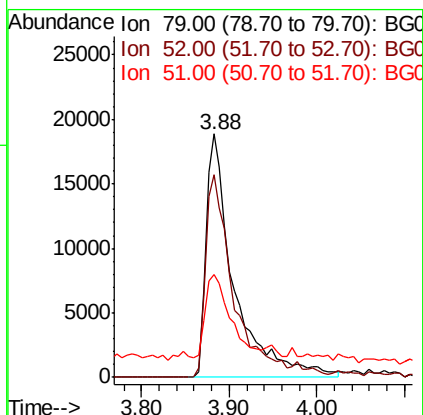
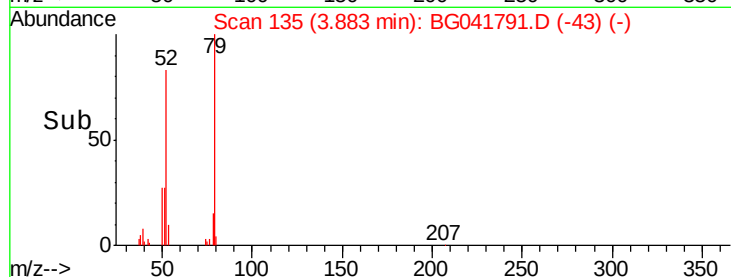
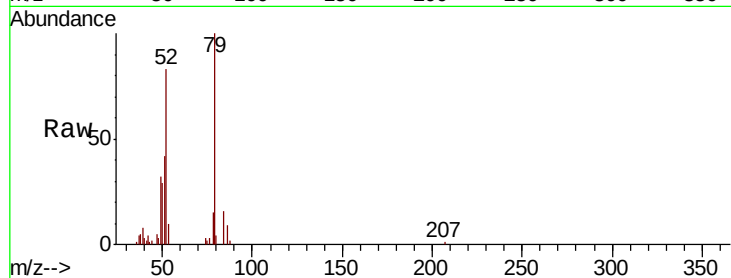
Tot Ion: 79 Resp: 41635

Ion Ratio Lower Upper

79 100

52 83.3 77.1 115.7

51 42.5 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 6.898 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

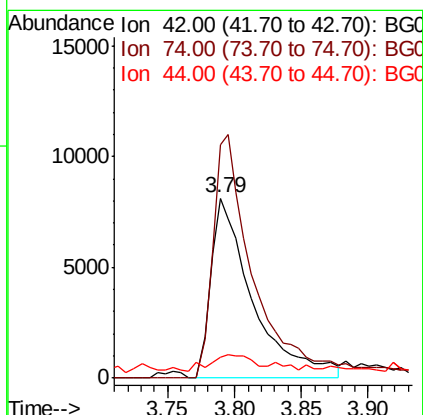
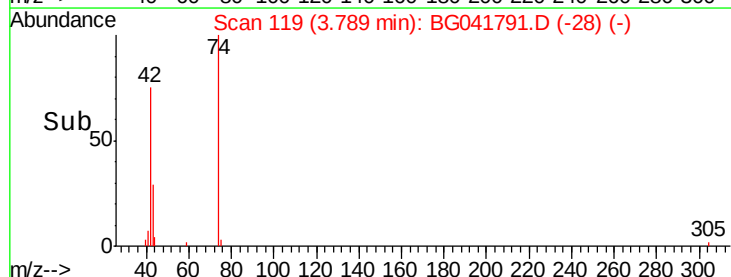
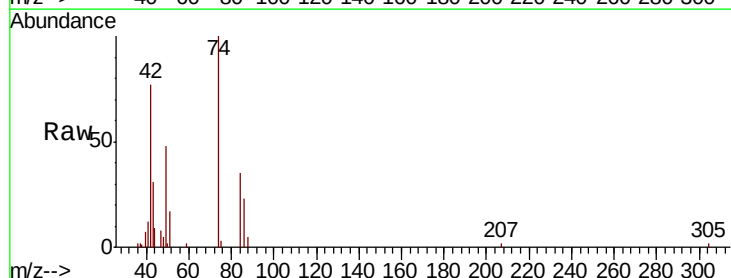
Tgt Ion: 42 Resp: 17816

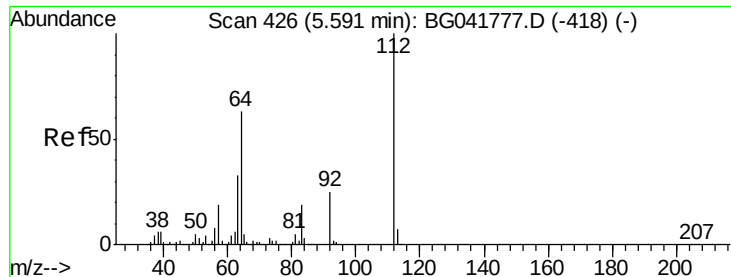
Ion Ratio Lower Upper

42 100

74 129.8 97.4 146.2

44 11.7 6.6 9.8#





#5

2-Fluorophenol

Concen: 101.103 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

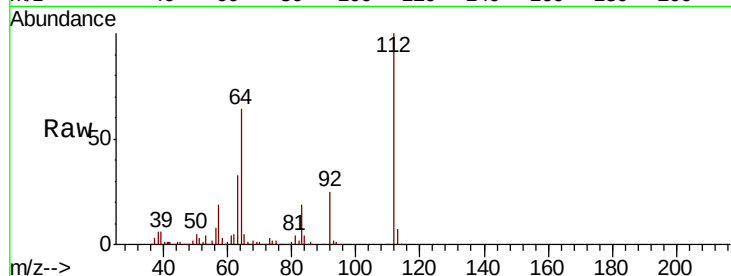
Tot Ion:112 Resp: 510352

Ion Ratio Lower Upper

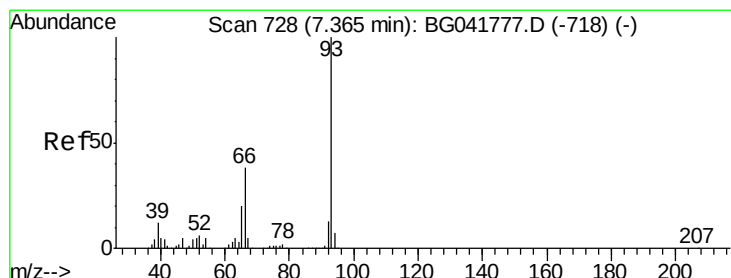
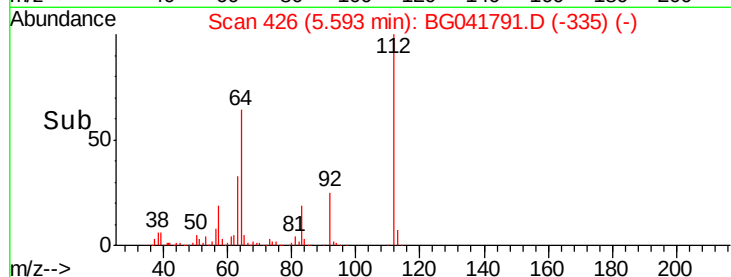
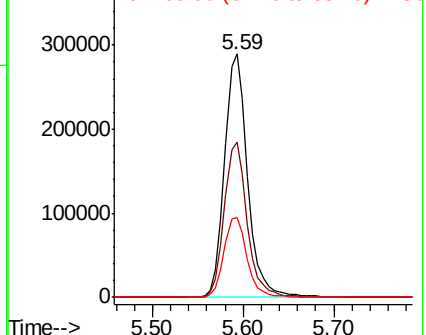
112 100

64 63.9 55.4 83.2

63 33.0 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.751 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

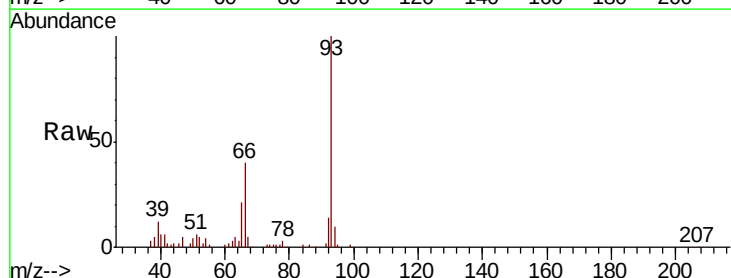
Tgt Ion: 93 Resp: 74277

Ion Ratio Lower Upper

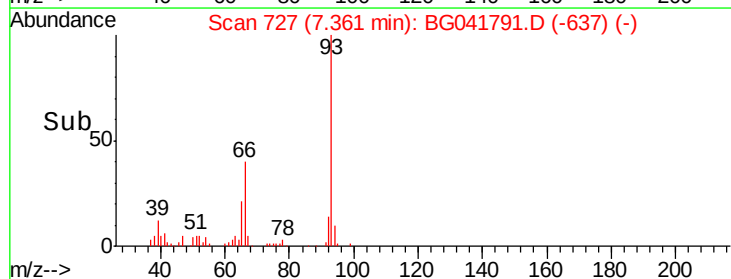
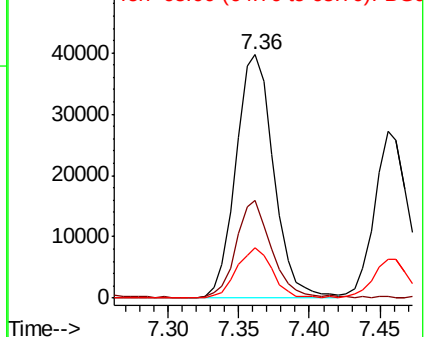
93 100

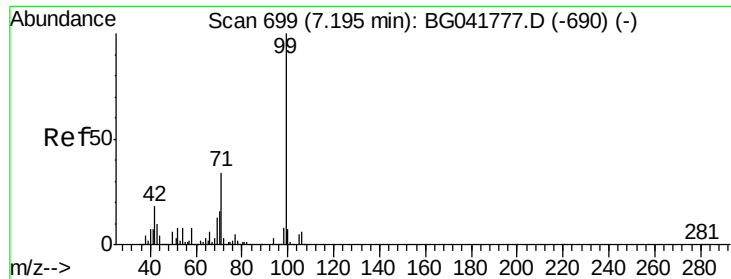
66 40.1 34.2 51.2

65 20.7 18.2 27.2



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: 100.263 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

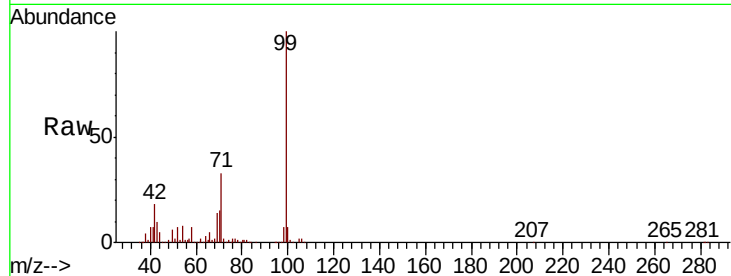
Tot Ion: 99 Resp: 682322

Ion Ratio Lower Upper

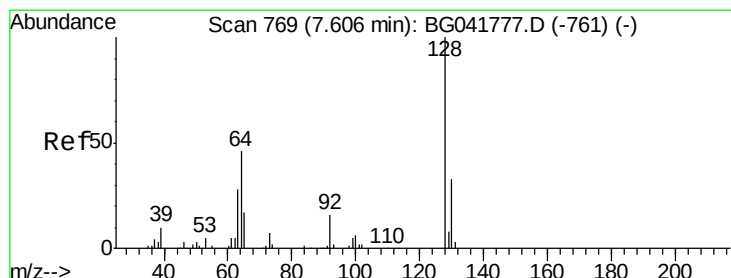
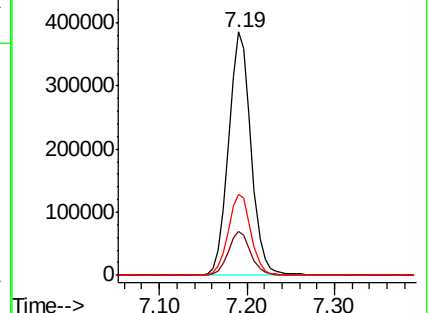
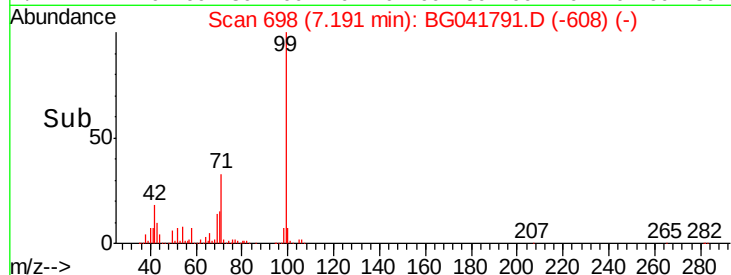
99 100

42 18.1 17.6 26.4

71 33.4 27.8 41.6



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: 7.945 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

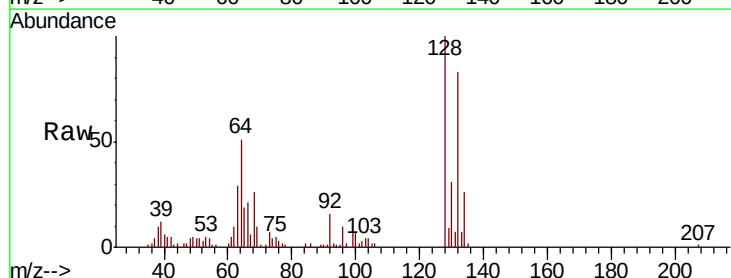
Tgt Ion: 128 Resp: 45923

Ion Ratio Lower Upper

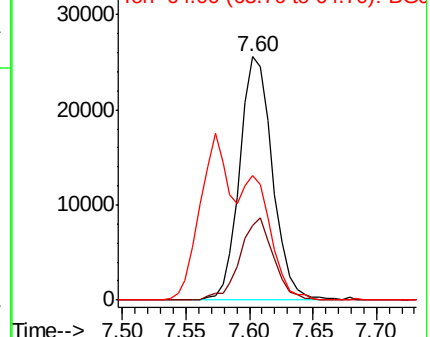
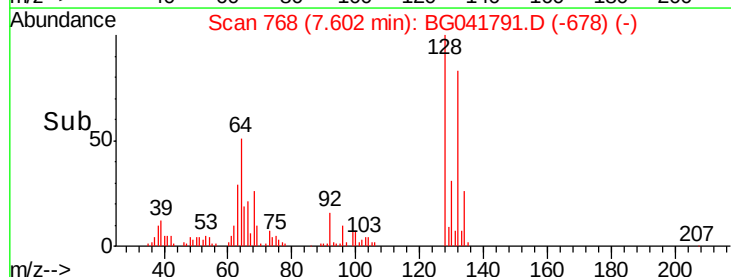
128 100

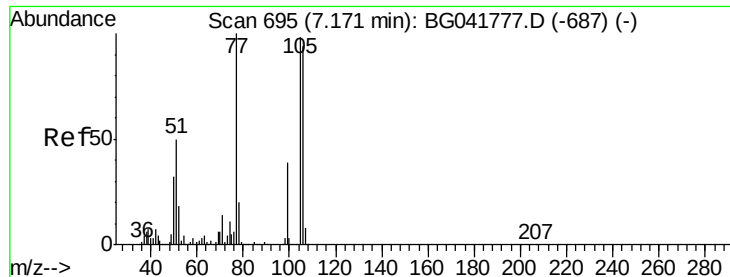
130 30.7 12.4 52.4

64 51.4 34.9 74.9



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





#9

Benzaldehyde

Concen: 8.668 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

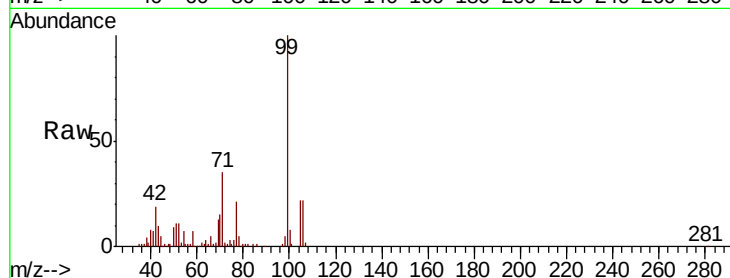
Tot Ion: 77 Resp: 41505

Ion Ratio Lower Upper

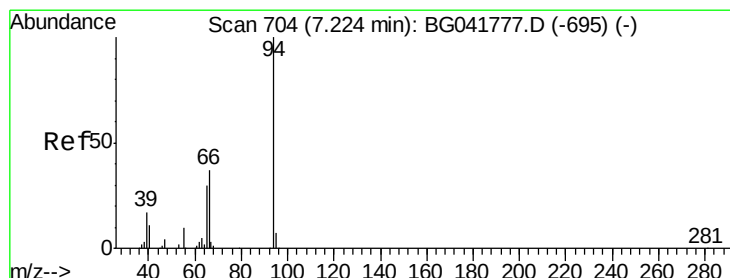
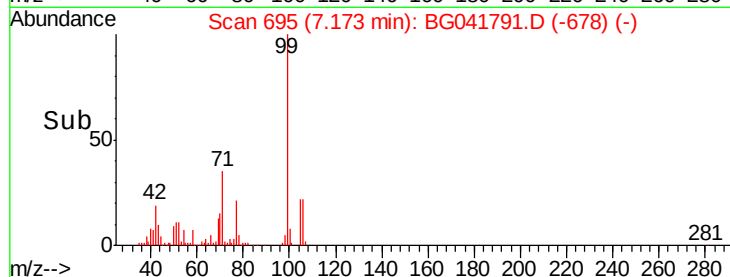
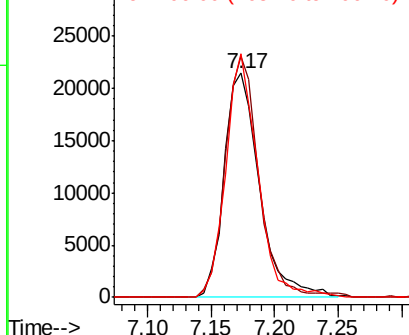
77 100

105 107.4 74.6 114.6

106 108.7 71.1 111.1



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



#10

Phenol

Concen: 7.882 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

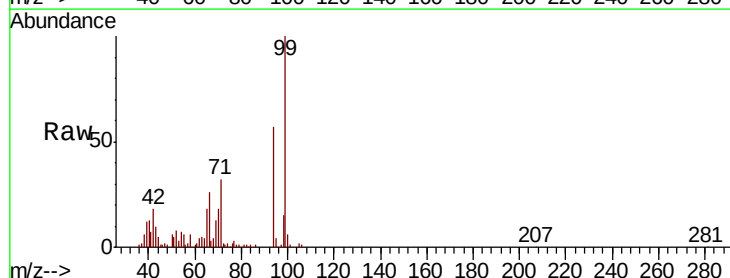
Tgt Ion: 94 Resp: 55801

Ion Ratio Lower Upper

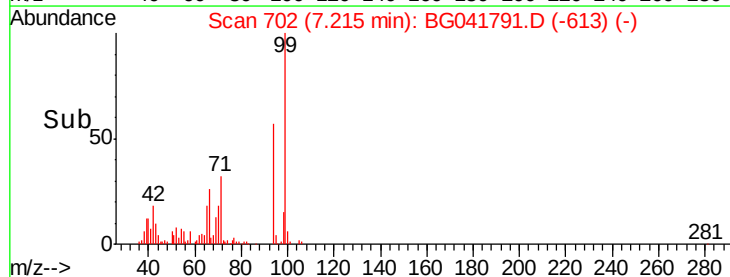
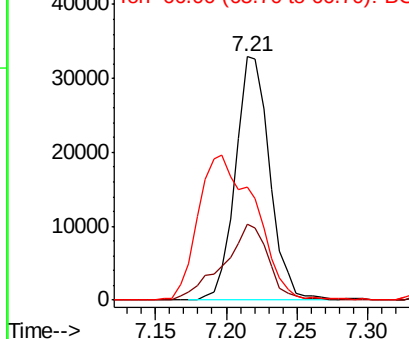
94 100

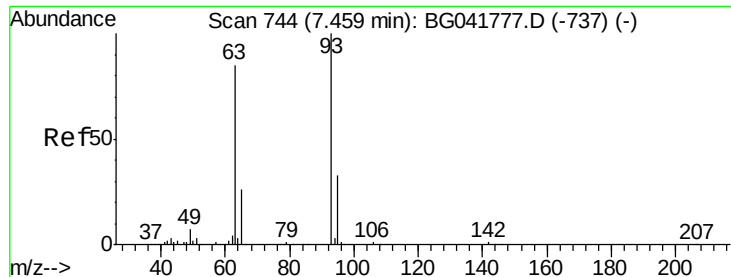
65 31.0 10.6 50.6

66 46.3 18.2 58.2



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

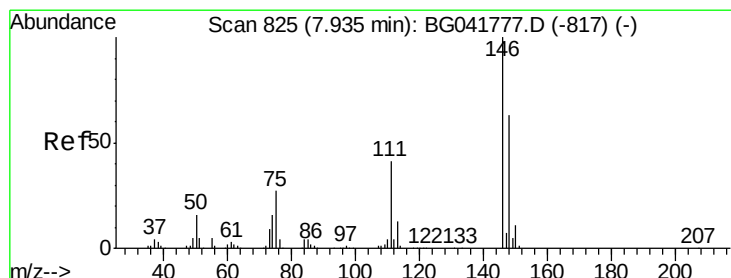
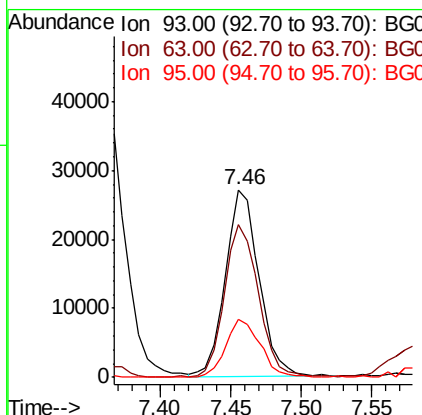
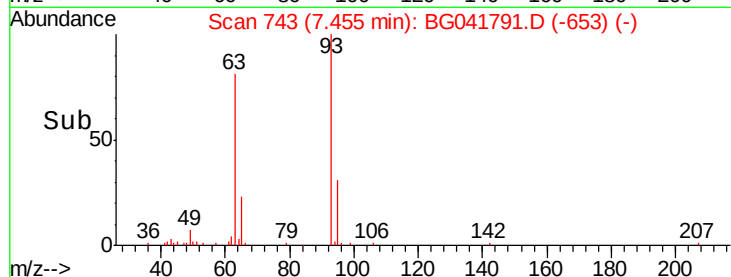
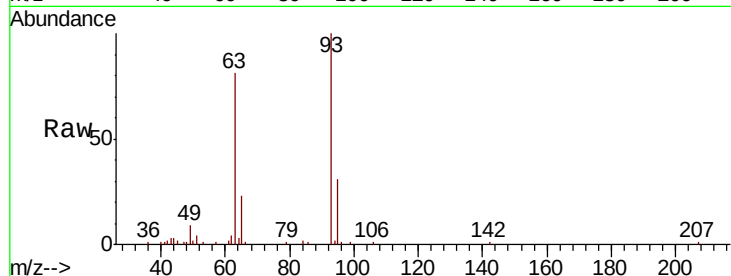




#11
bis(2-Chloroethyl)ether
Concen: 7.663 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

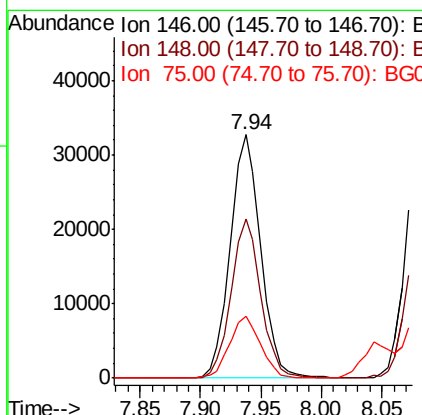
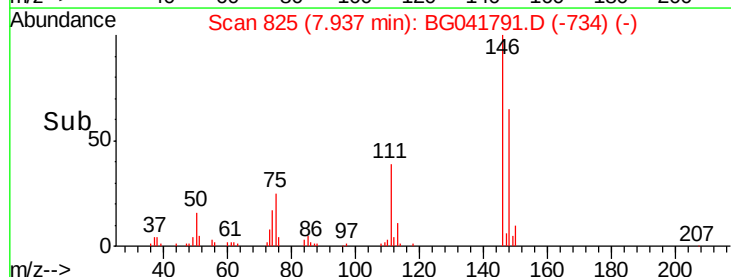
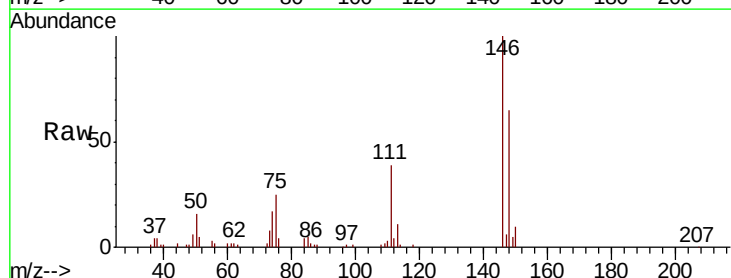
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

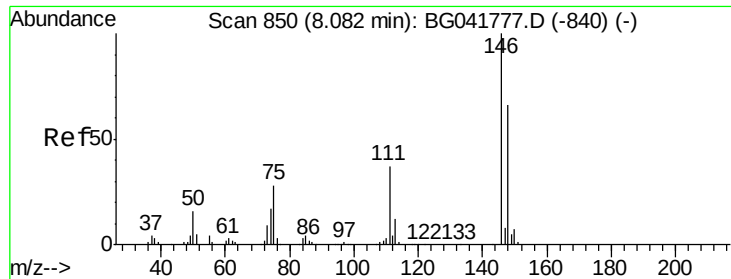
Tot Ion: 93 Resp: 44604
Ion Ratio Lower Upper
93 100
63 81.1 70.4 110.4
95 30.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 7.602 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion: 146 Resp: 57352
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
75 25.4 23.2 34.8

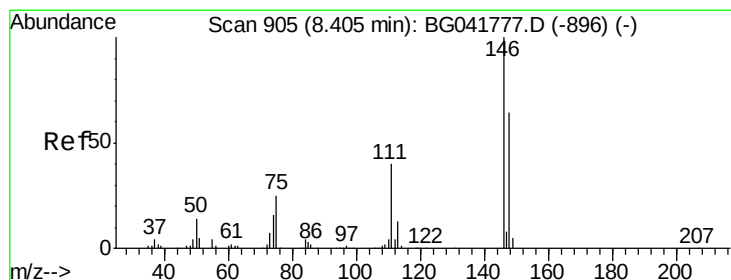
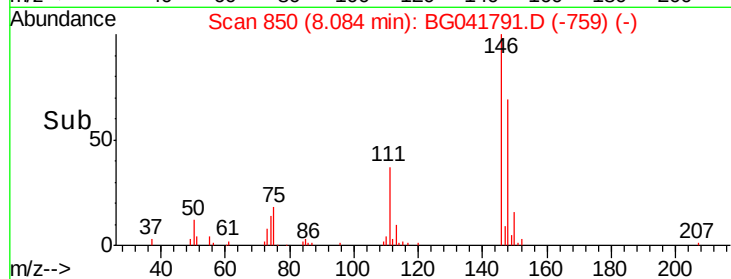
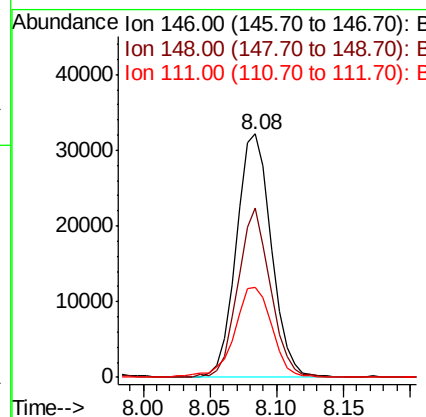
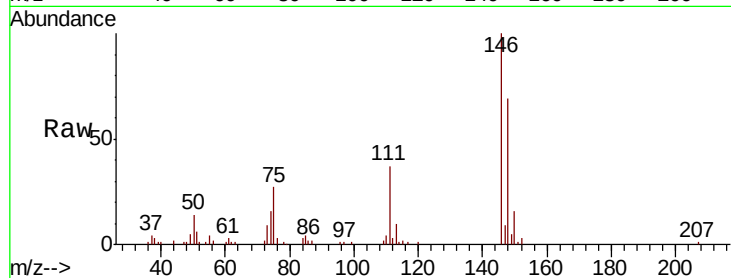




#13
 1,4-Dichlorobenzene
 Concen: 7.724 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

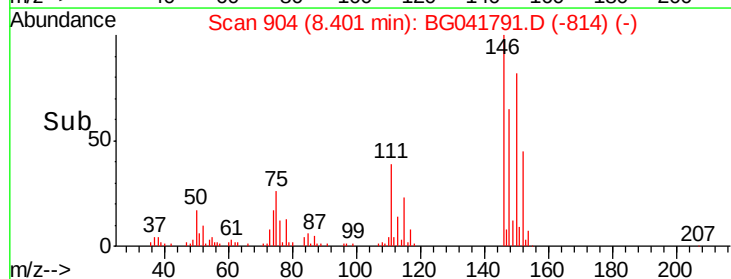
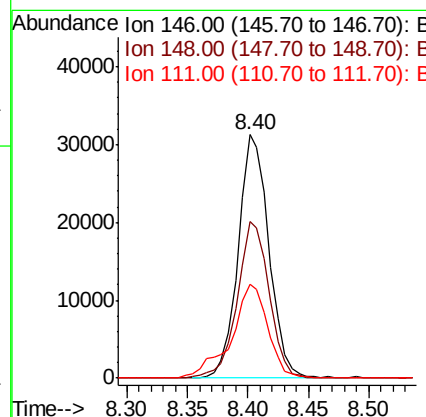
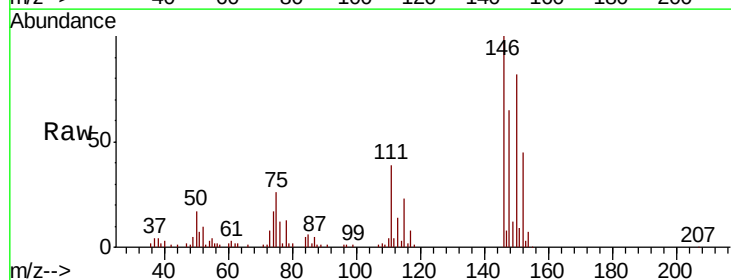
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

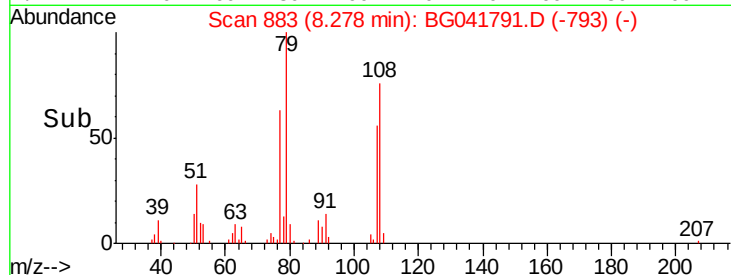
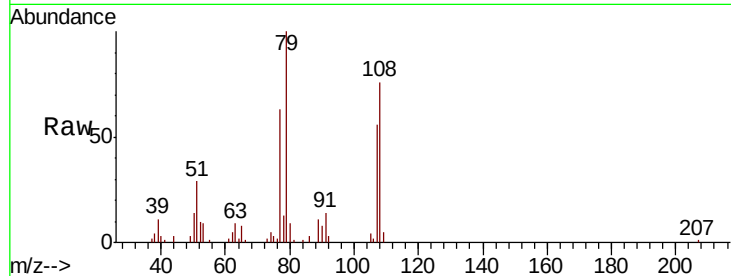
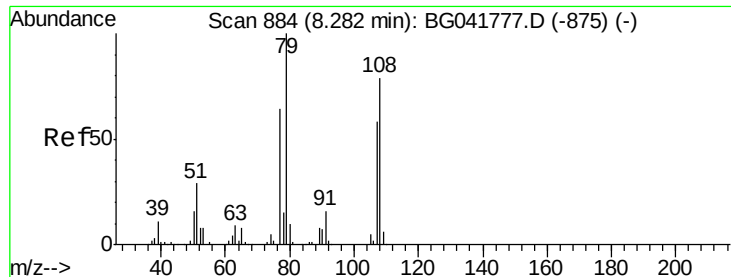
Tot Ion:146 Resp: 58307
 Ion Ratio Lower Upper
 146 100
 148 69.5 52.6 79.0
 111 37.2 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 7.658 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:146 Resp: 55164
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.5 80.3
 111 38.6 35.4 53.0

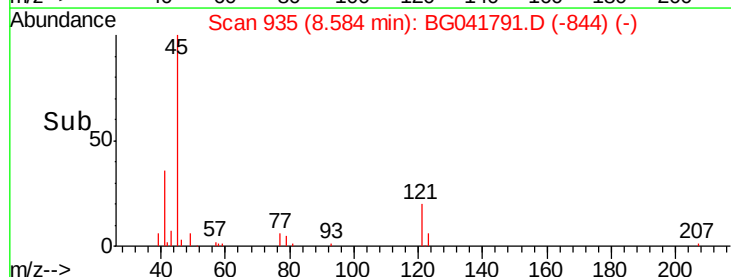
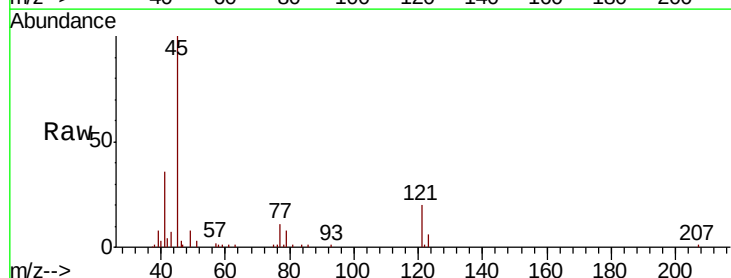
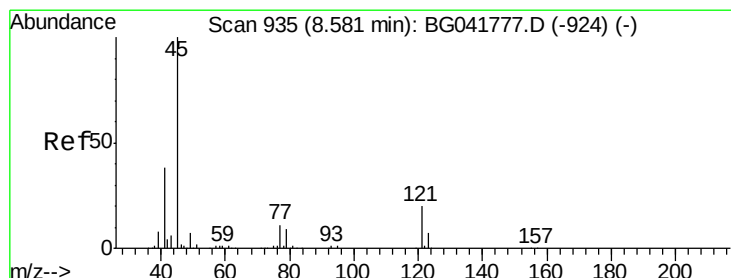
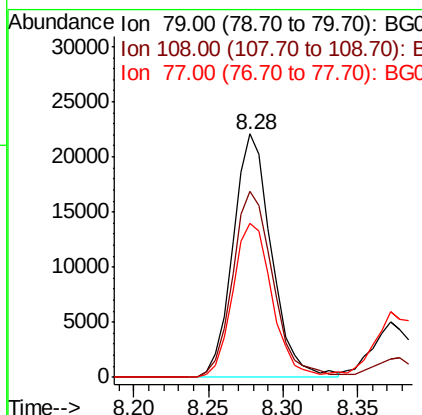




#15
Benzyl Alcohol
Concen: 7.405 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

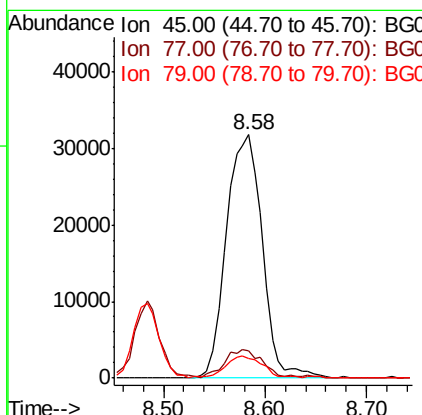
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

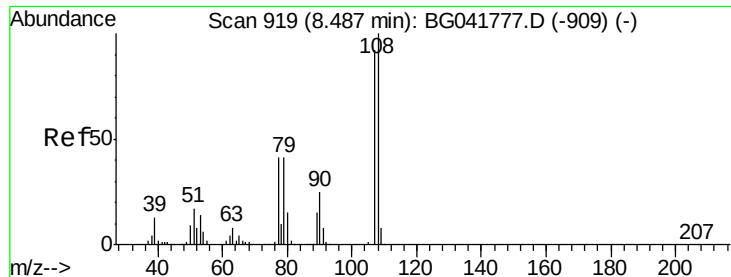
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	60.5	90.7
77	63.3	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.518 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.4
79	8.3	0.0	27.9





#17

2-Methylphenol

Concen: 7.528 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:107 Resp: 38763

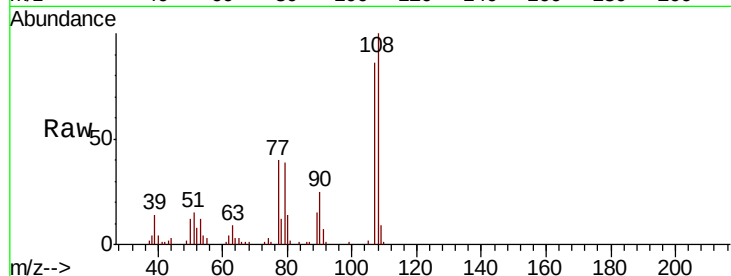
Ion Ratio Lower Upper

107 100

108 116.8 87.6 131.4

77 46.9 36.1 54.1

79 45.3 36.4 54.6

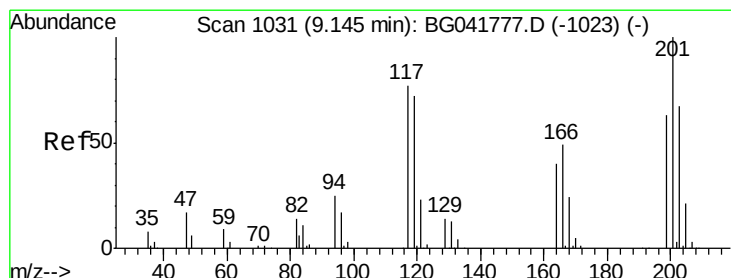
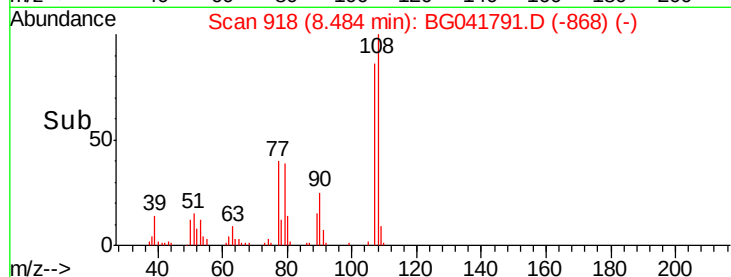
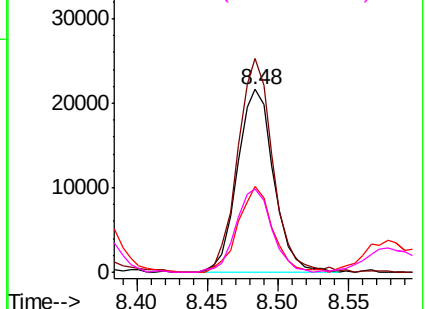


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 7.499 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

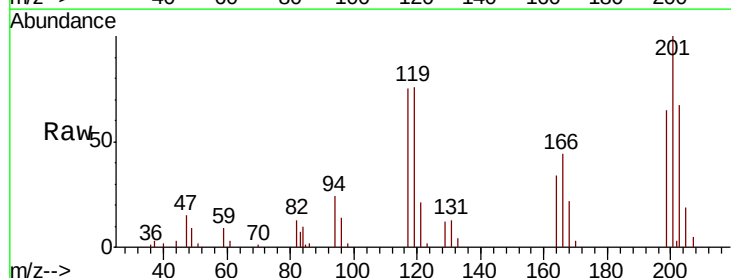
Tgt Ion:117 Resp: 19386

Ion Ratio Lower Upper

117 100

119 100.7 76.2 114.2

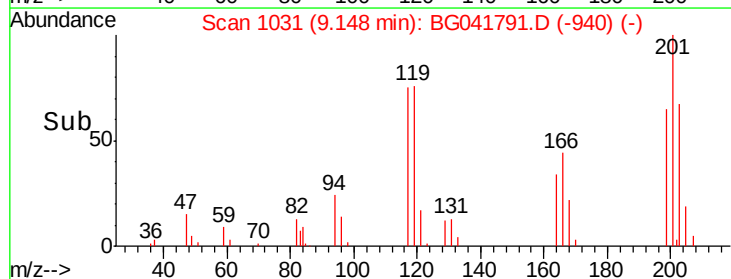
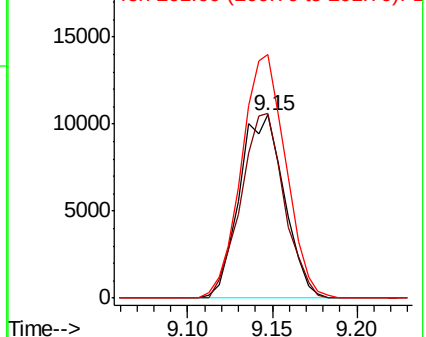
201 136.5 94.1 141.1

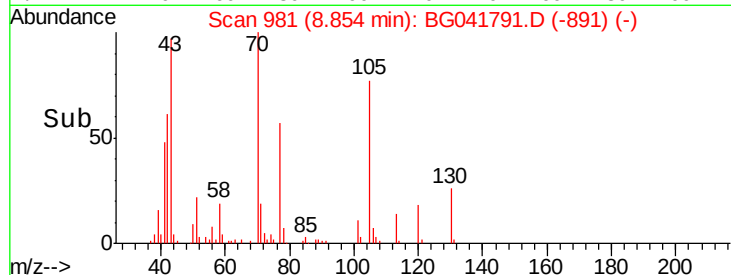
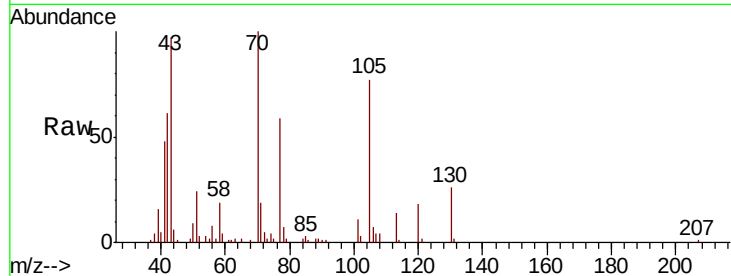
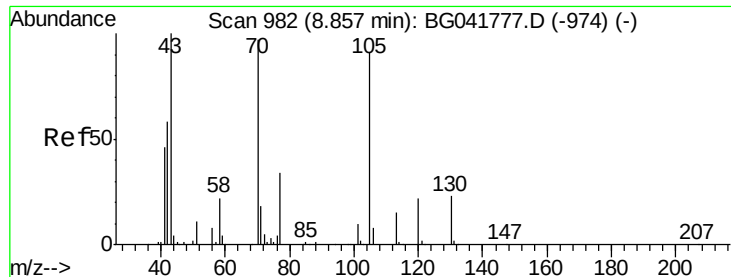


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

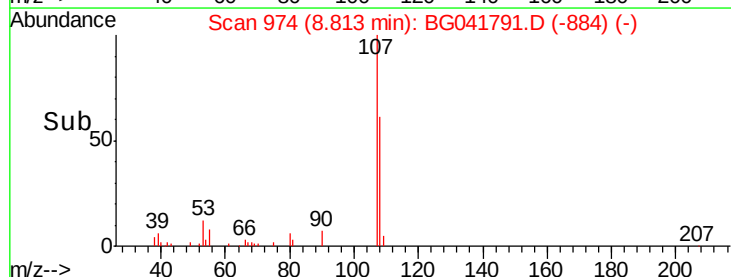
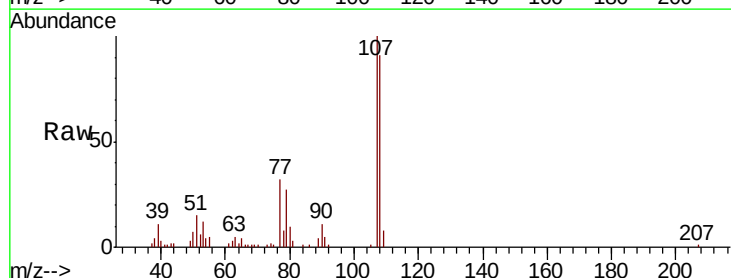
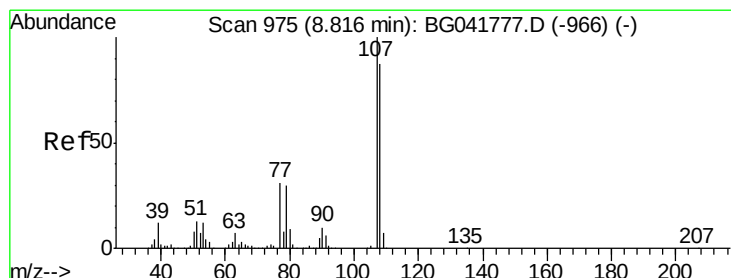
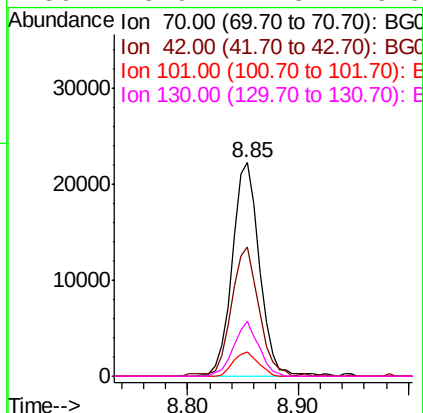




#19
n-Nitroso-di-n-propylamine
Concen: 7.816 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

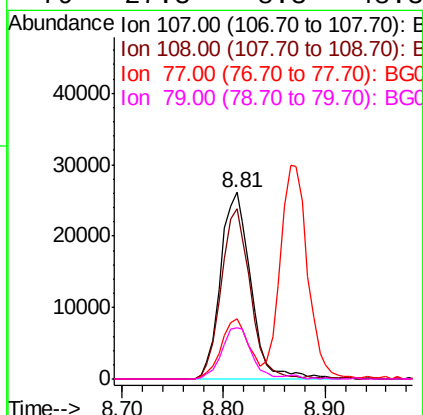
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

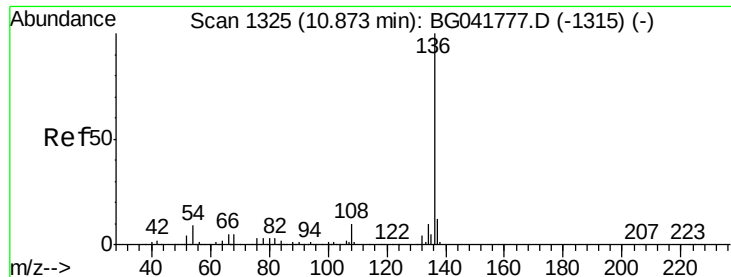
Tot Ion:	70	Resp:	38619
Ion	Ratio	Lower	Upper
70	100		
42	60.6	55.8	83.6
101	11.3	8.1	12.1
130	25.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 7.663 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion:	107	Resp:	53991
Ion	Ratio	Lower	Upper
107	100		
108	91.0	67.5	107.5
77	32.5	12.3	52.3
79	27.3	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:136 Resp: 422380

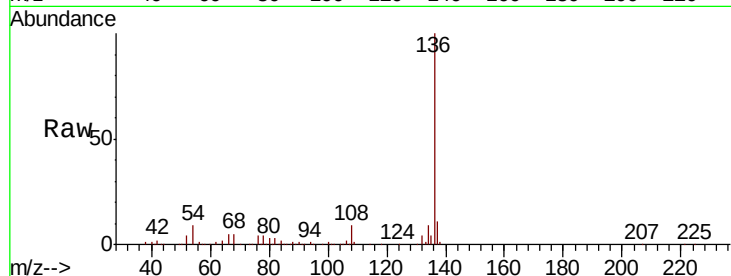
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.6 8.7 13.1#

68 5.0 5.5 8.3#

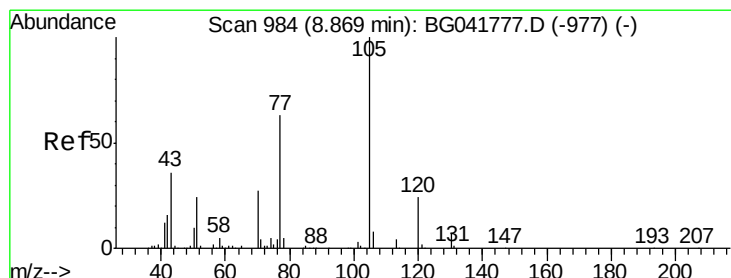
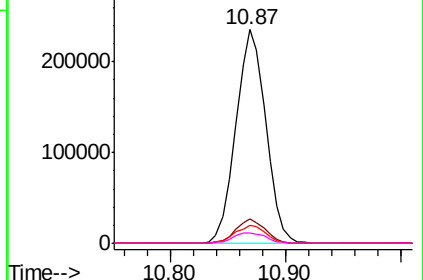
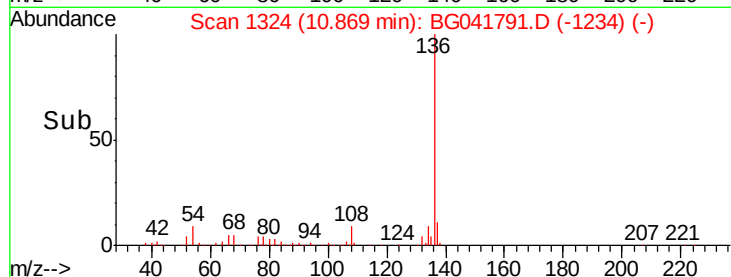


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 8.160 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:105 Resp: 77094

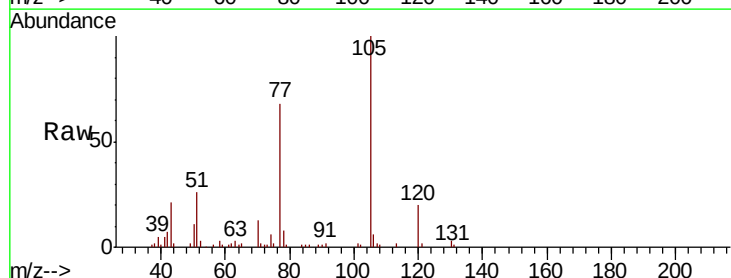
Ion Ratio Lower Upper

105 100

71 1.7 5.9 8.9#

51 25.8 27.7 41.5#

120 20.3 19.3 28.9

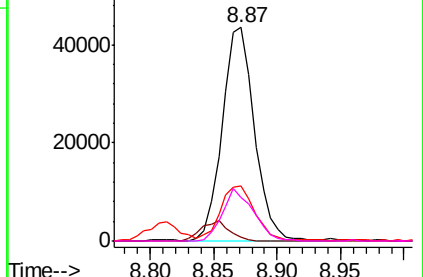
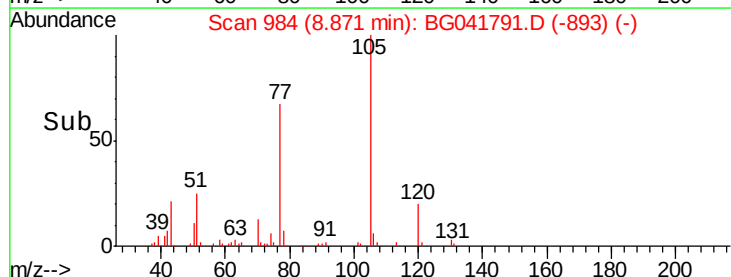


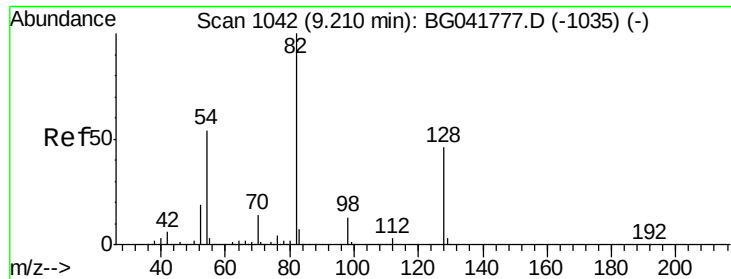
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

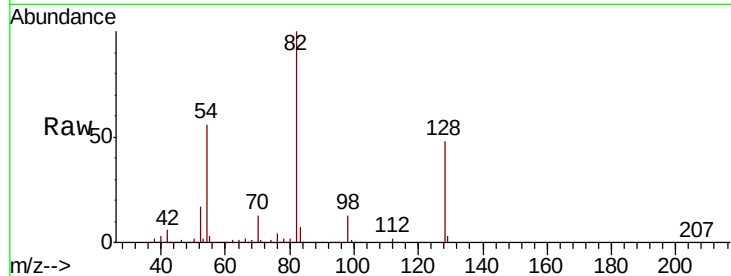




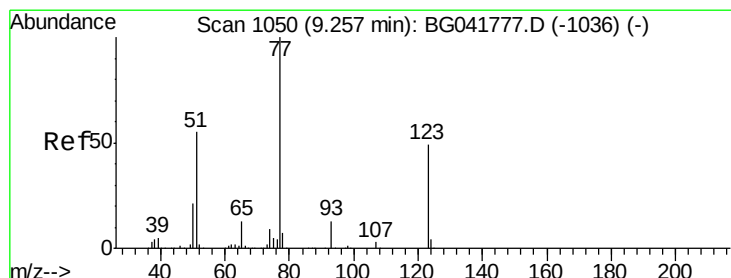
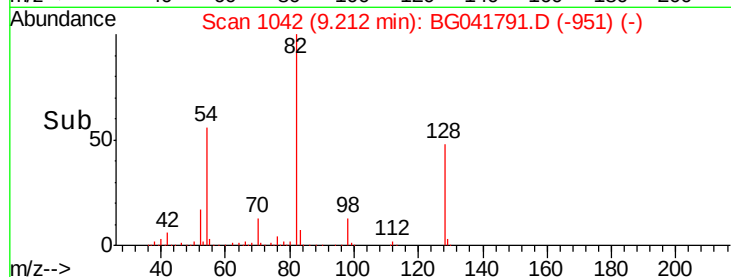
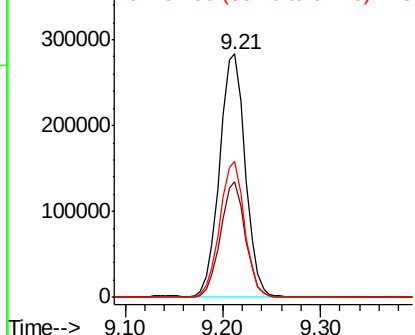
#23
 Nitrobenzene-d5
 Concen: 84.010 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	82	Resp	515635
Ion Ratio	Lower	Upper	
82	100		
128	47.6	35.1	52.7
54	56.0	48.7	73.1

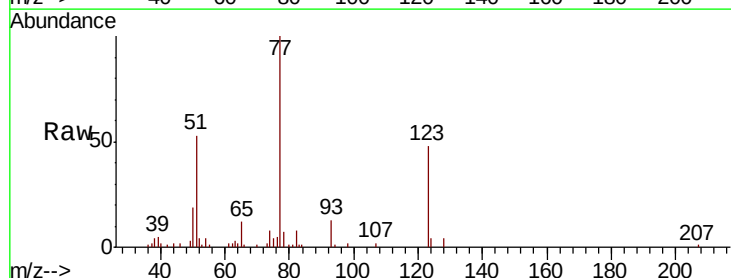


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

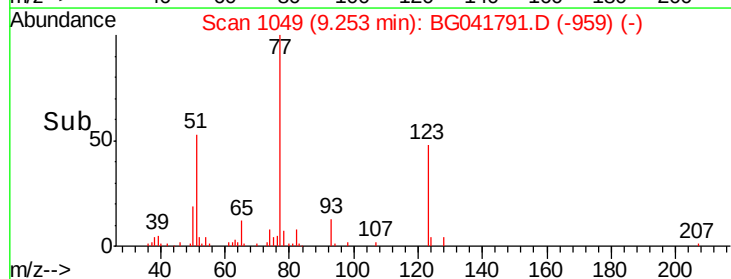
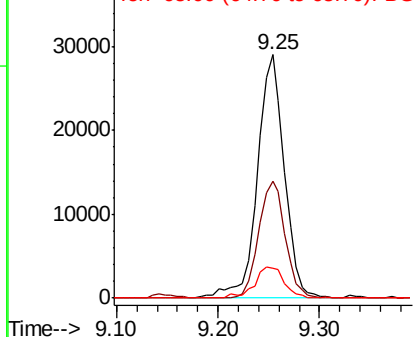


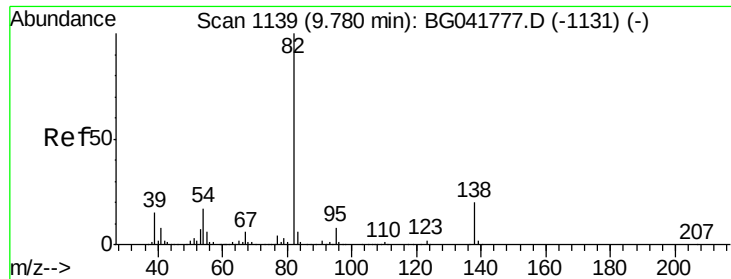
#24
 Nitrobenzene
 Concen: 8.251 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	77	Resp	53353
Ion Ratio	Lower	Upper	
77	100		
123	48.0	38.1	57.1
65	12.5	11.0	16.6



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





#25

Isophorone

Concen: 7.918 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

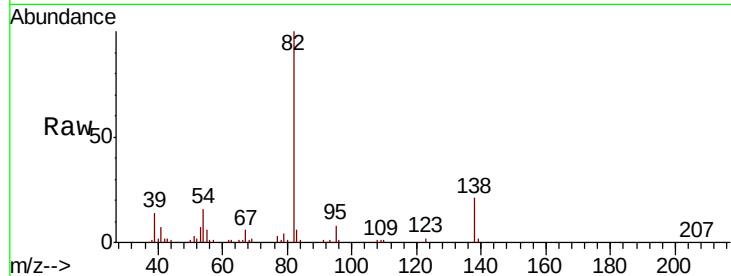
Tot Ion: 82 Resp: 105718

Ion Ratio Lower Upper

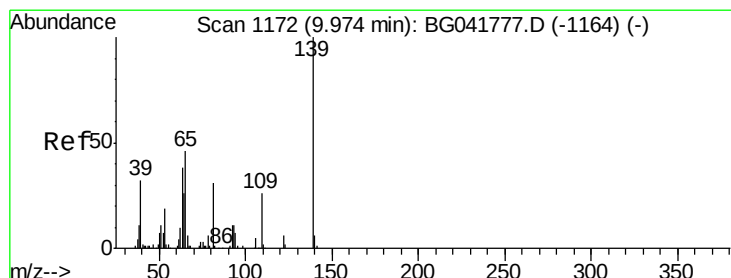
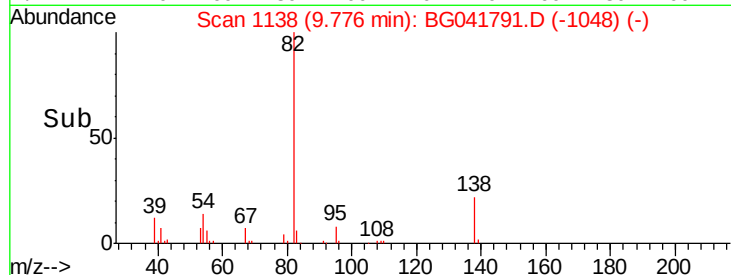
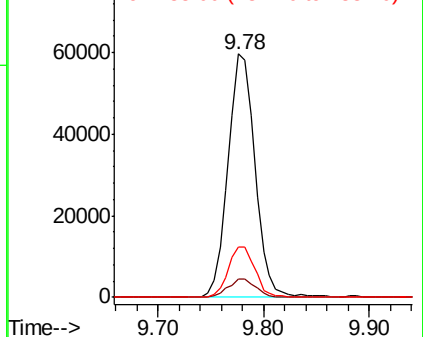
82 100

95 7.7 5.9 8.9

138 20.6 16.3 24.5



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



#26

2-Nitrophenol

Concen: 7.750 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

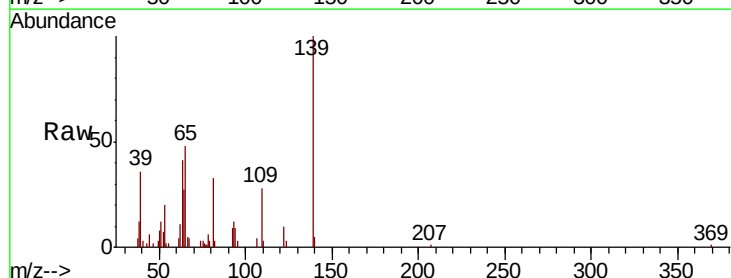
Tgt Ion: 139 Resp: 23258

Ion Ratio Lower Upper

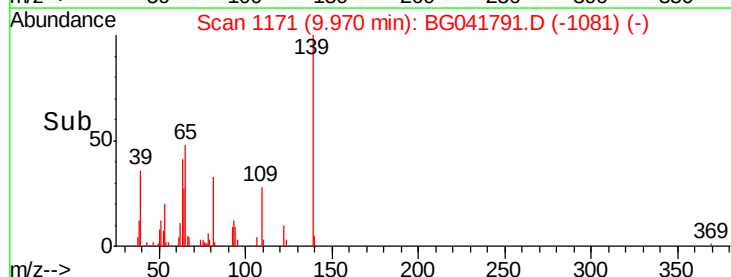
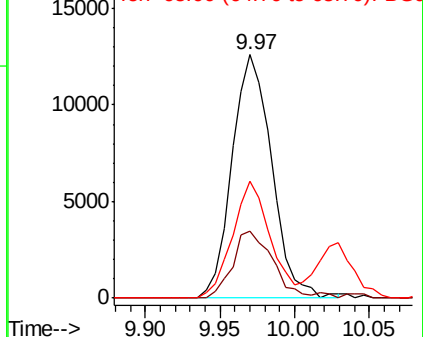
139 100

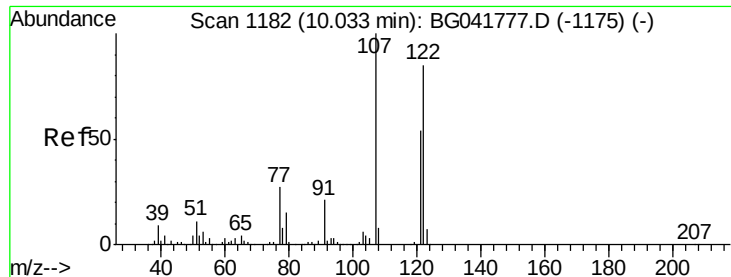
109 27.7 22.7 34.1

65 48.0 41.1 61.7



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

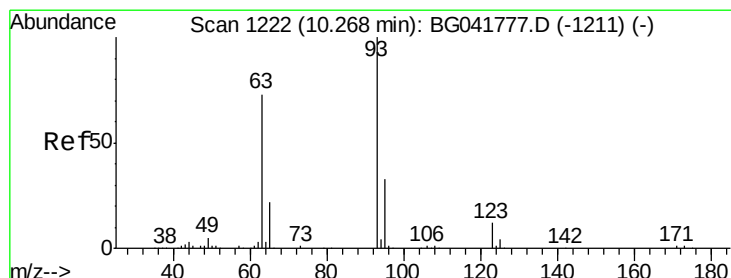
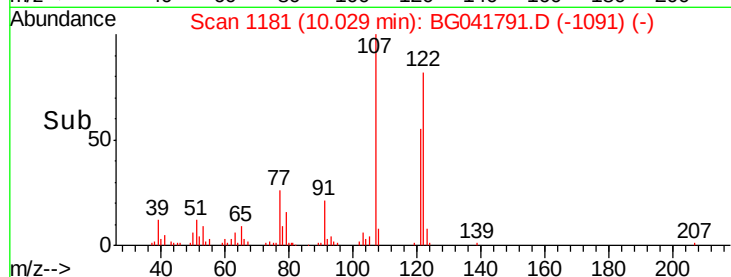
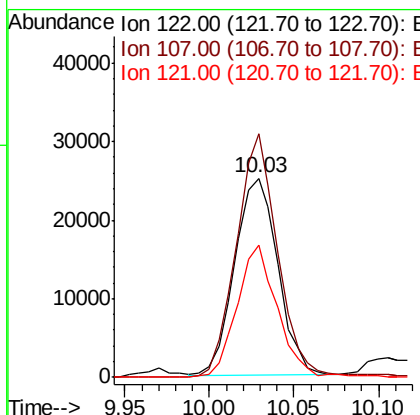
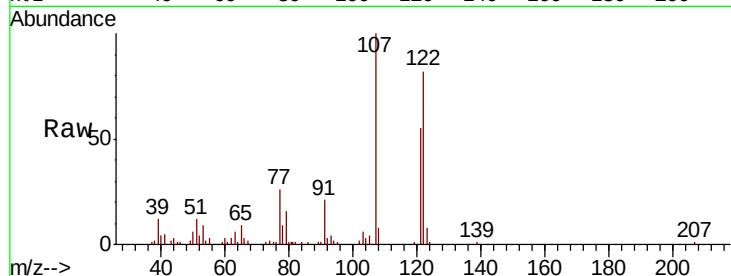




#27
2,4-Dimethylphenol
Concen: 8.420 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

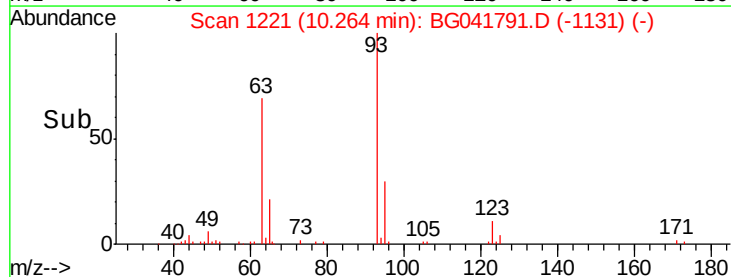
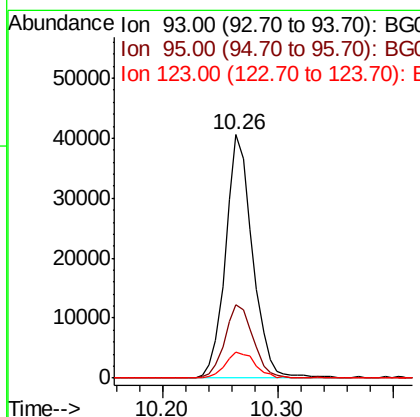
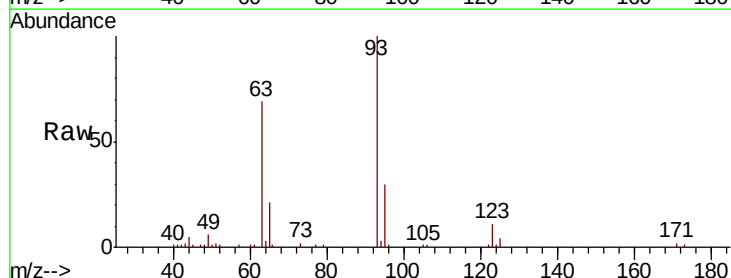
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

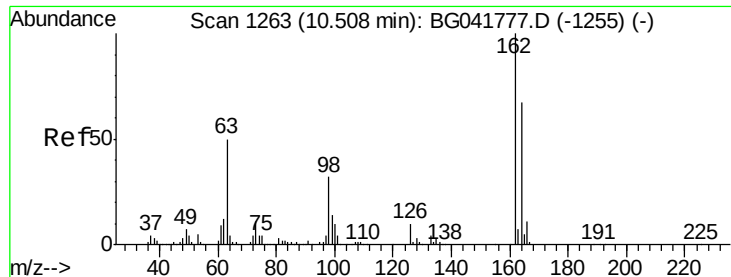
Tot Ion:122 Resp: 44599
Ion Ratio Lower Upper
122 100
107 122.3 91.3 136.9
121 66.7 49.2 73.8



#28
bis(2-Chloroethoxy)methane
Concen: 7.834 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion: 93 Resp: 65365
Ion Ratio Lower Upper
93 100
95 30.3 26.2 39.4
123 10.7 9.9 14.9

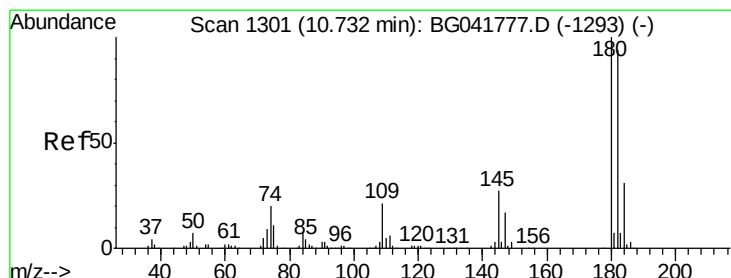
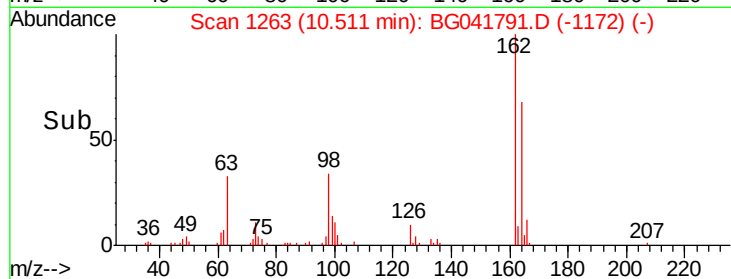
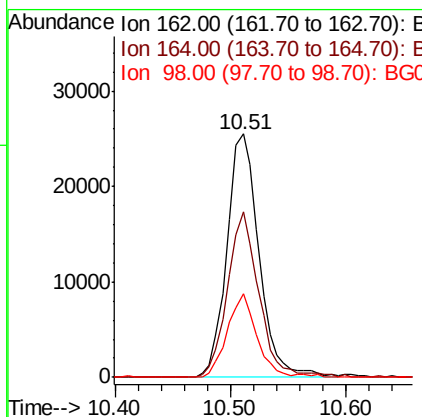
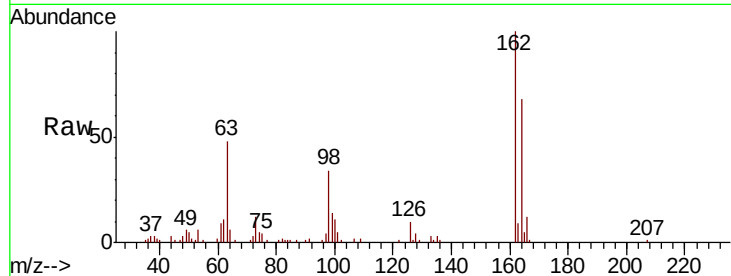




#29
2,4-Dichlorophenol
Concen: 7.636 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

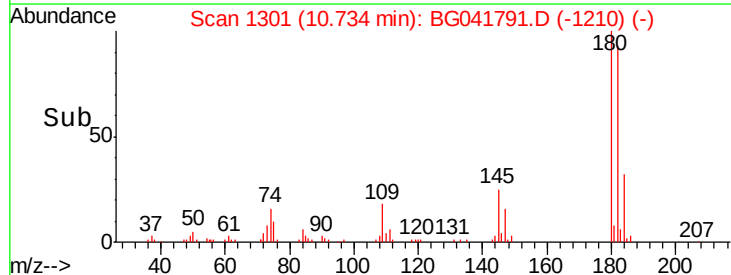
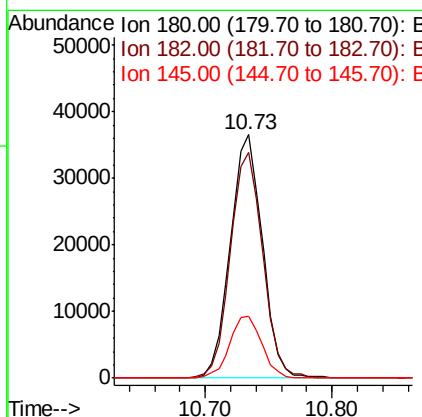
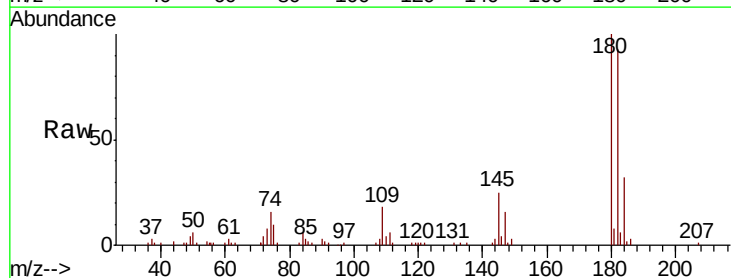
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

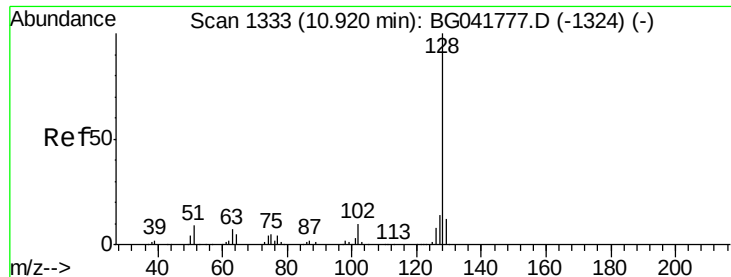
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	46.1	86.1
98	34.2	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 7.782 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.2	114.2
145	25.4	23.8	35.8





#31

Naphthalene

Concen: 8.149 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

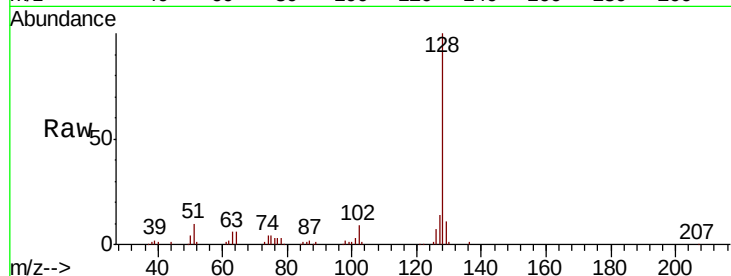
Tot Ion:128 Resp: 157531

Ion Ratio Lower Upper

128 100

129 10.9 10.0 15.0

127 14.2 12.3 18.5

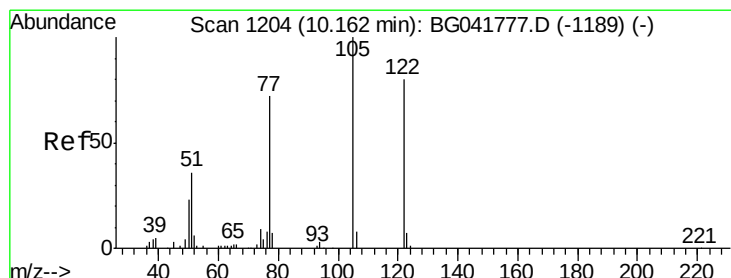
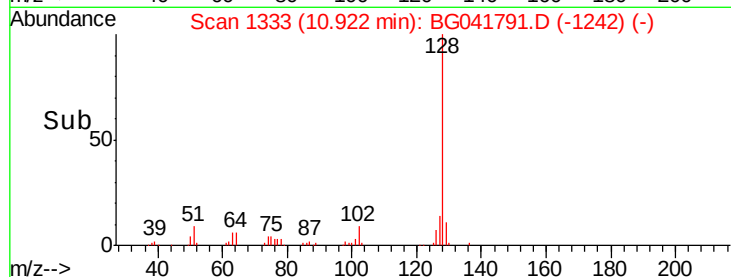
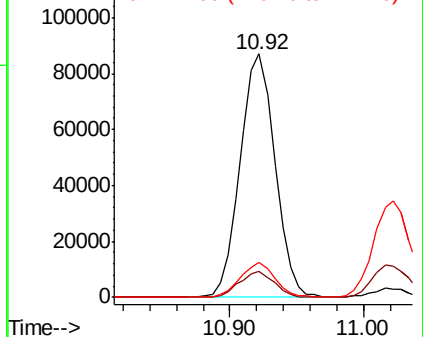


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.850 ng

RT: 10.11 min Scan# 1194

Delta R.T. -0.06 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

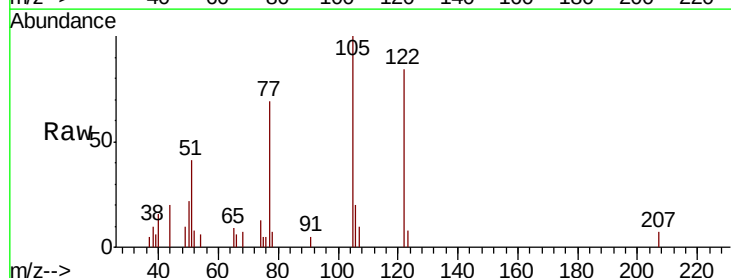
Tgt Ion:122 Resp: 5187

Ion Ratio Lower Upper

122 100

105 119.1 101.5 141.5

77 82.1 73.0 113.0

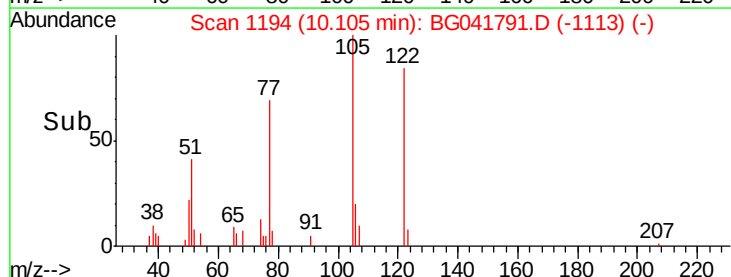
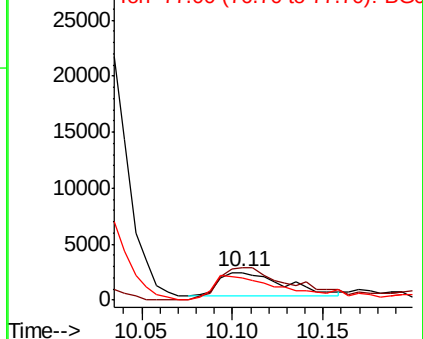


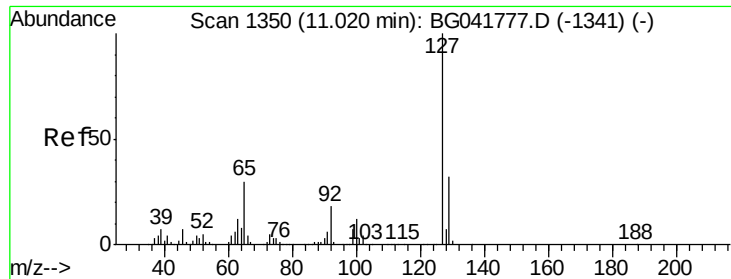
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

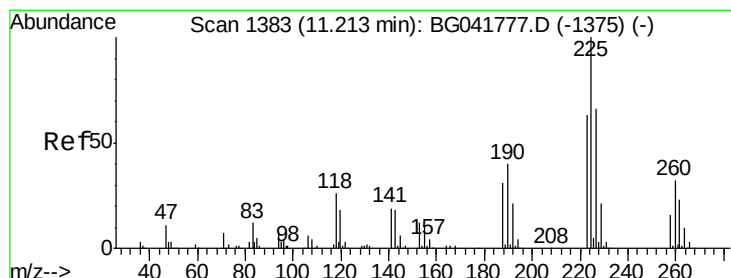
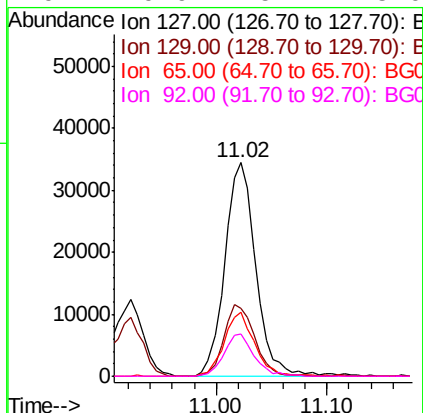
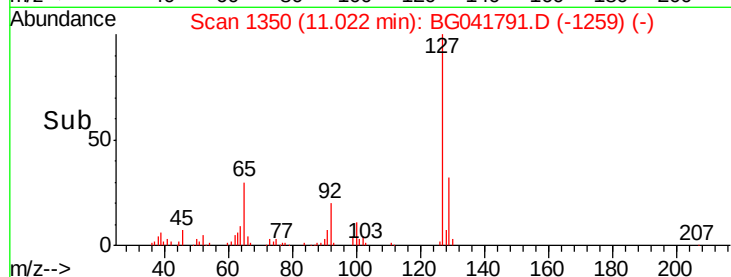
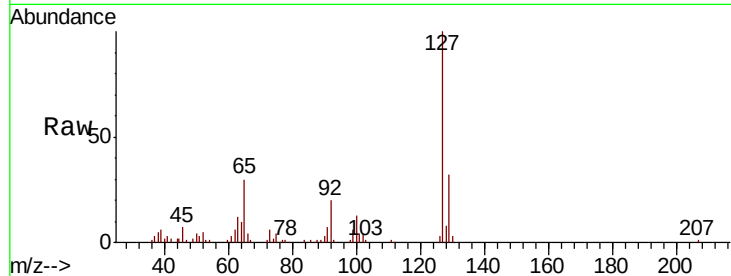




#33
4-Chloroaniline
Concen: 7.378 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

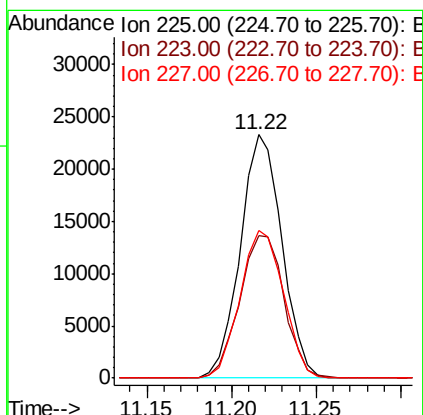
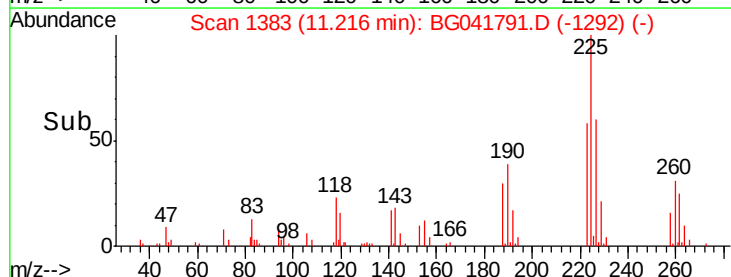
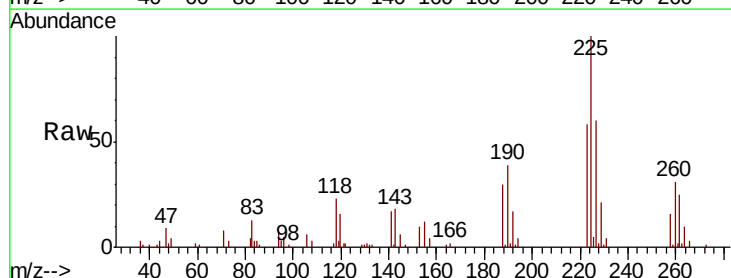
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

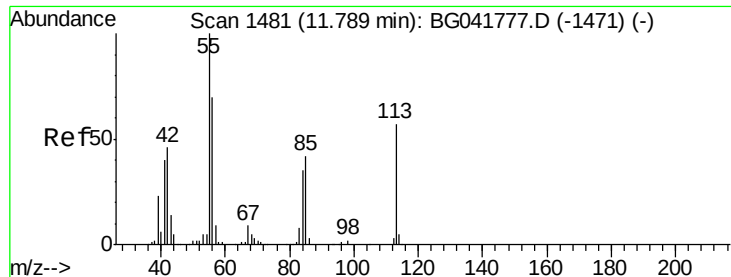
Tot Ion:127	Resp:	67635
Ion	Ratio	Lower Upper
127	100	
129	31.8	25.8 38.8
65	29.8	26.7 40.1
92	19.9	15.4 23.0



#34
Hexachlorobutadiene
Concen: 7.233 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion:225	Resp:	39930
Ion	Ratio	Lower Upper
225	100	
223	55.4	51.1 76.7
227	57.3	50.9 76.3





#35

Caprolactam

Concen: 7.983 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

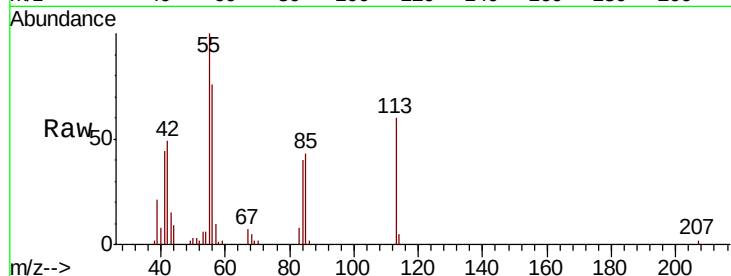
Tot Ion:113 Resp: 17895

Ion Ratio Lower Upper

113 100

55 165.9 199.4 239.4#

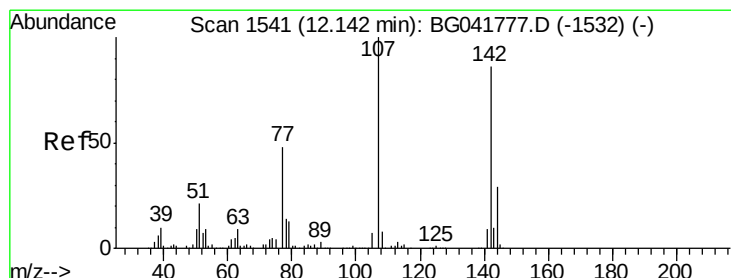
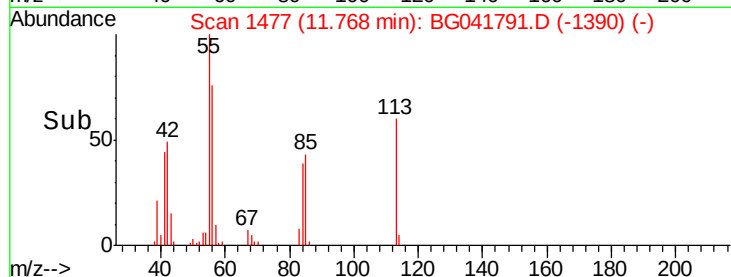
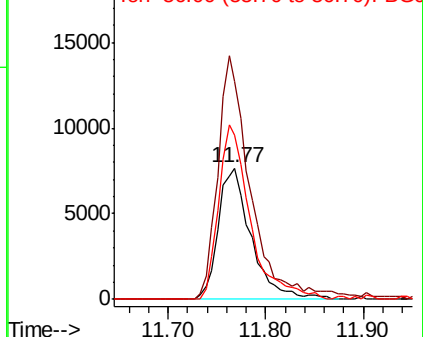
56 125.6 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041777.D (-1471) (-)

Ion 56.00 (55.70 to 56.70): BG041777.D (-1471) (-)



#36

4-Chloro-3-methylphenol

Concen: 7.698 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

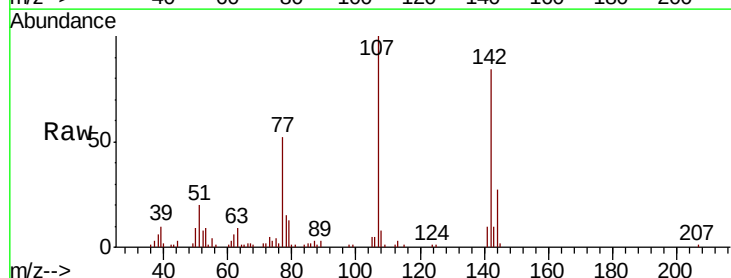
Tgt Ion:107 Resp: 49225

Ion Ratio Lower Upper

107 100

144 27.1 22.2 33.2

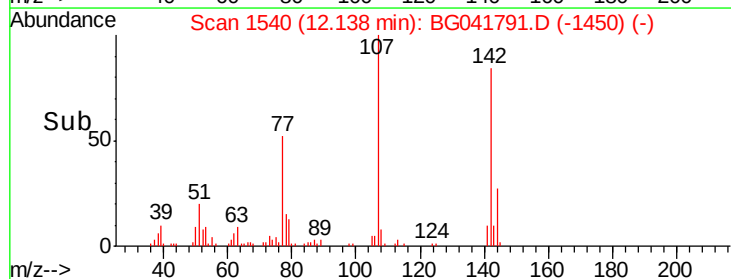
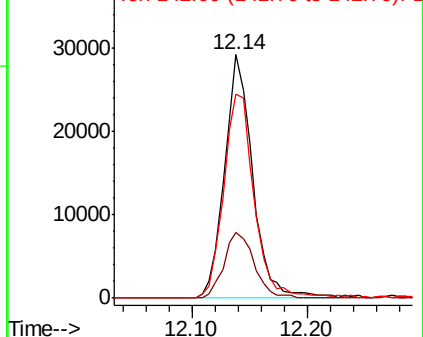
142 83.8 67.3 100.9

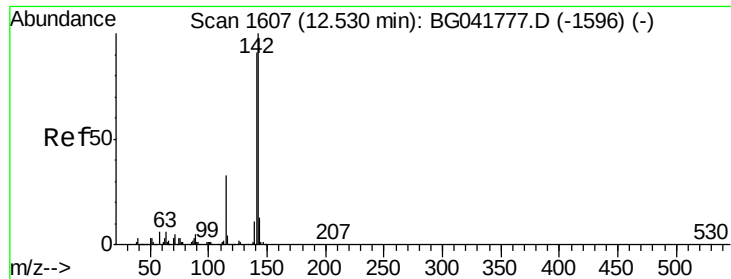


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

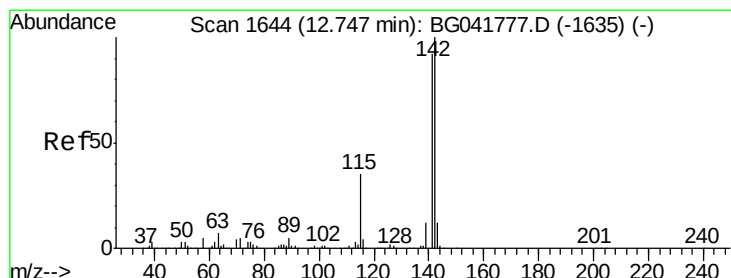
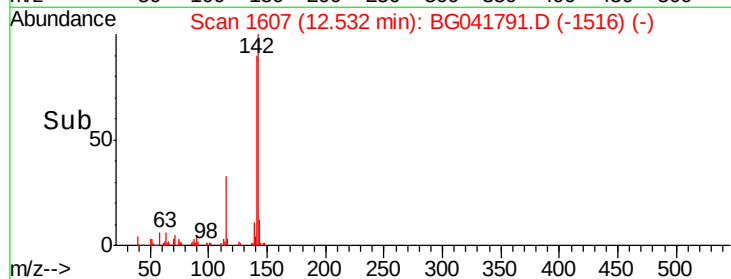
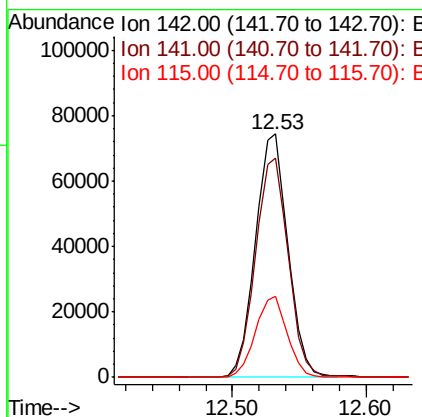
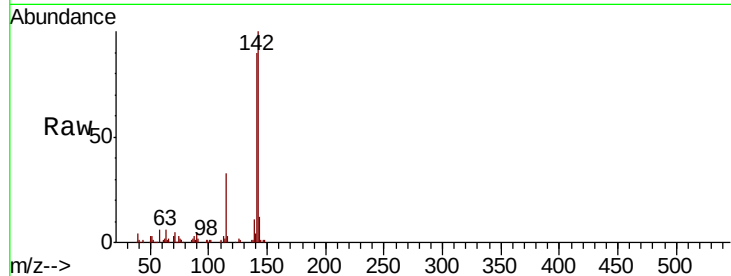




#37
2-Methylnaphthalene
Concen: 8.142 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

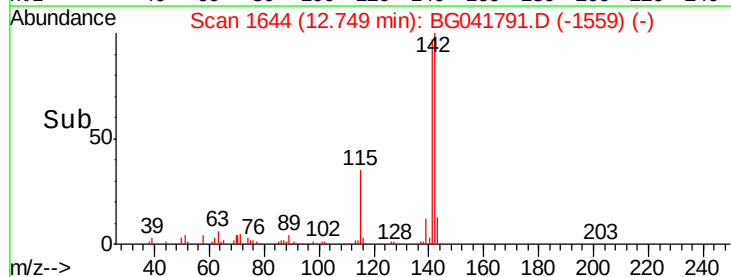
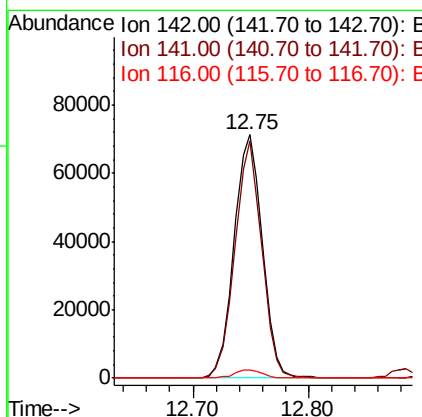
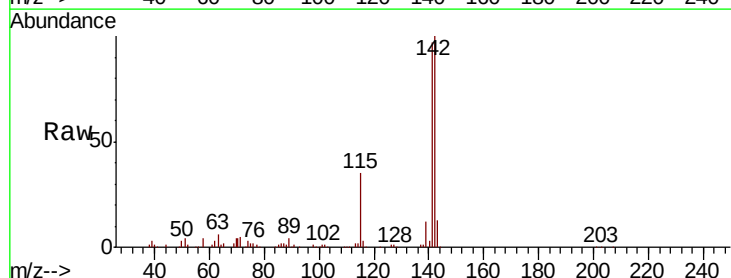
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

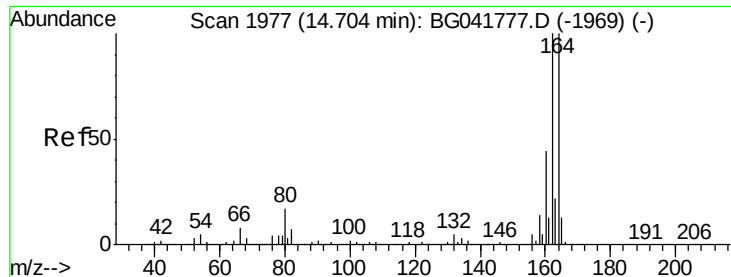
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.7	109.1
115	33.4	27.0	40.4



#38
1-Methylnaphthalene
Concen: 8.311 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.3	75.4	113.2
116	3.4	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

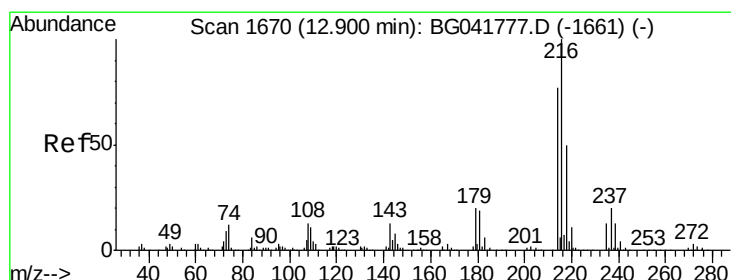
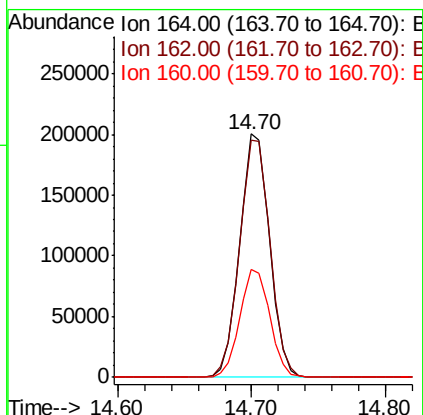
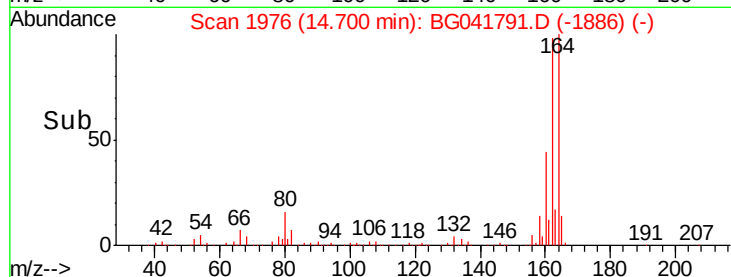
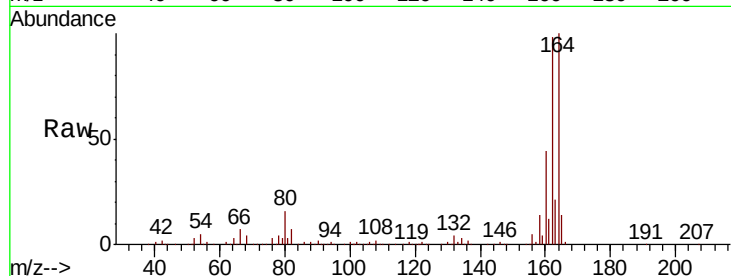
Tot Ion:164 Resp: 308604

Ion Ratio Lower Upper

164 100

162 97.7 79.6 119.4

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.930 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:216 Resp: 77463

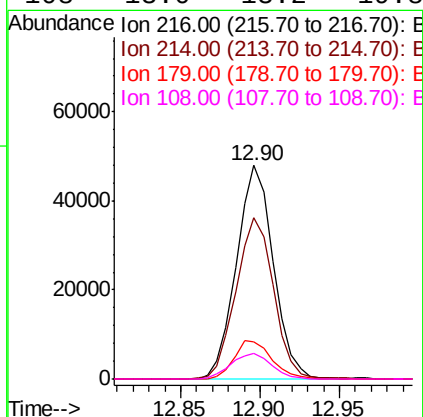
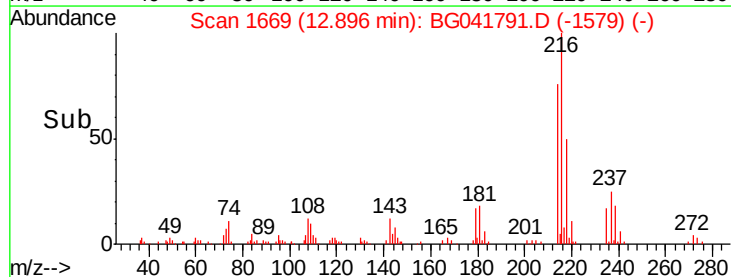
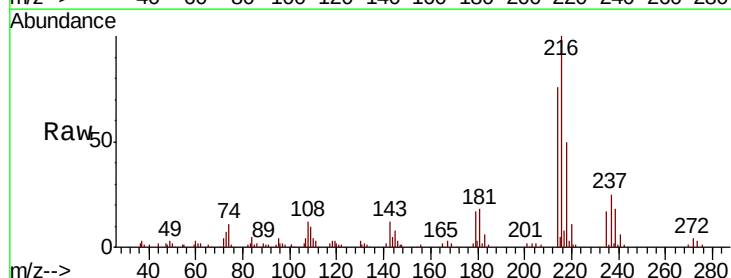
Ion Ratio Lower Upper

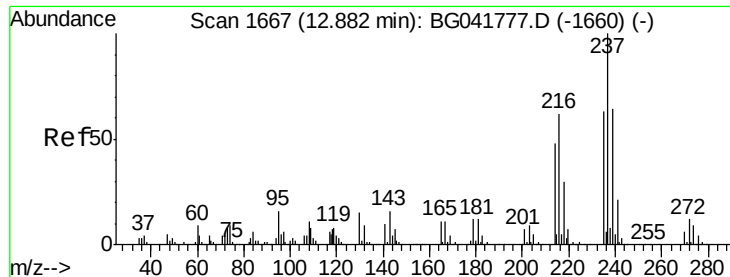
216 100

214 76.8 61.5 92.3

179 18.2 16.2 24.2

108 13.0 13.2 19.8#





#41

Hexachlorocyclopentadiene

Concen: 7.496 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

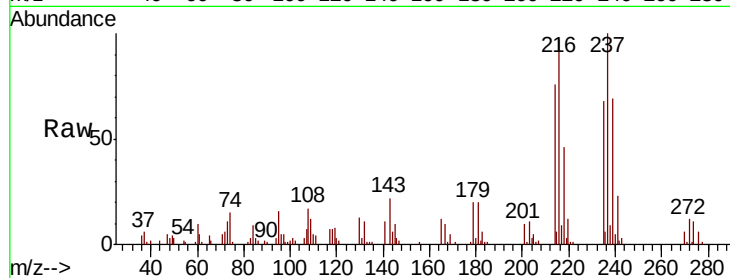
Tot Ion:237 Resp: 41172

Ion Ratio Lower Upper

237 100

235 68.3 43.5 83.5

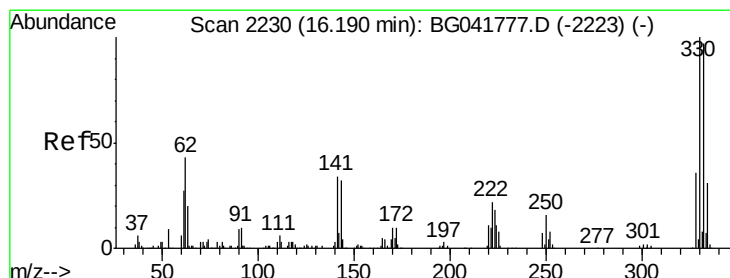
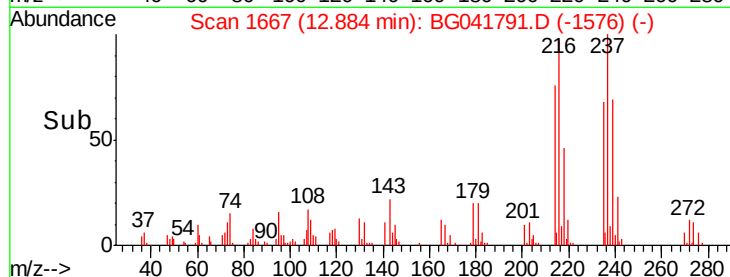
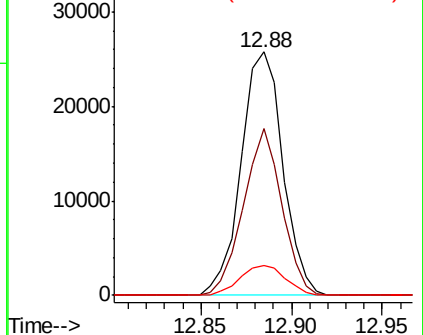
272 12.4 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.222 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

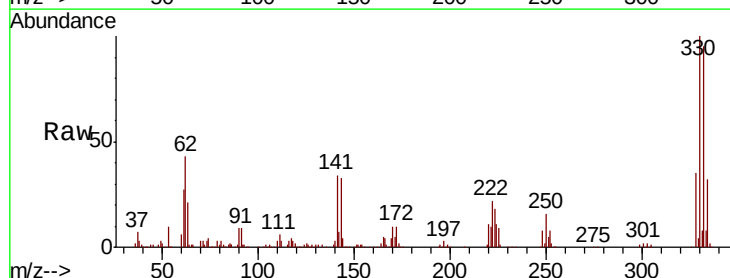
Tgt Ion:330 Resp: 365331

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

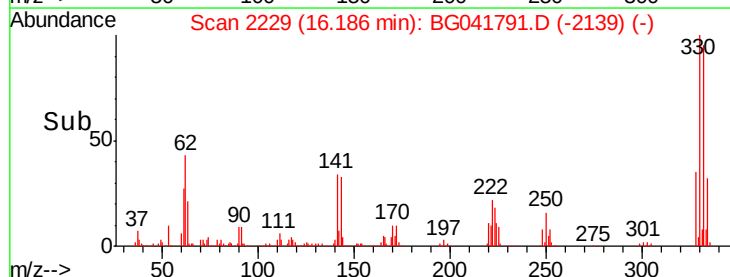
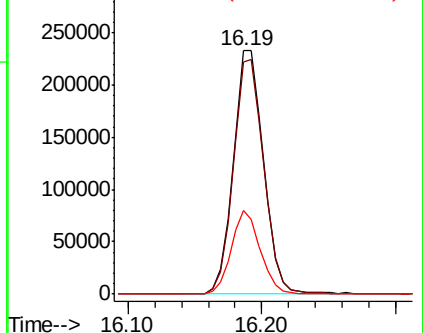
141 33.3 31.9 47.9

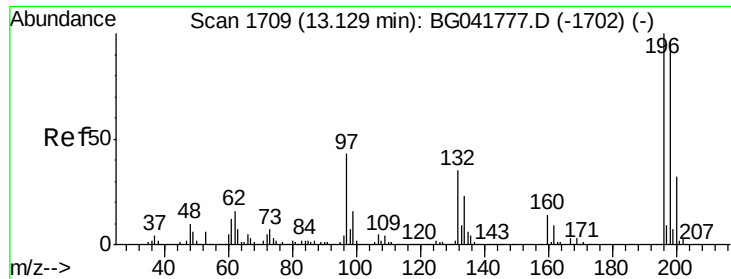


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

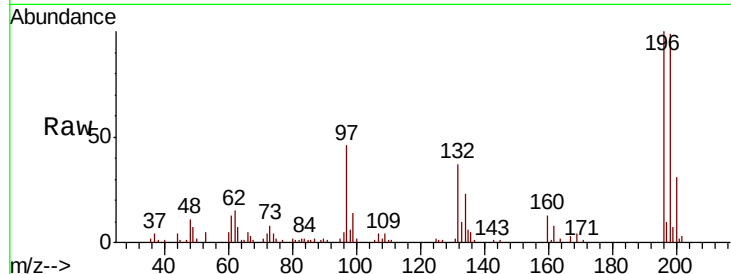




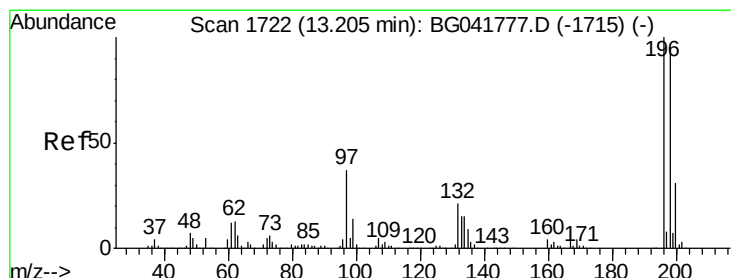
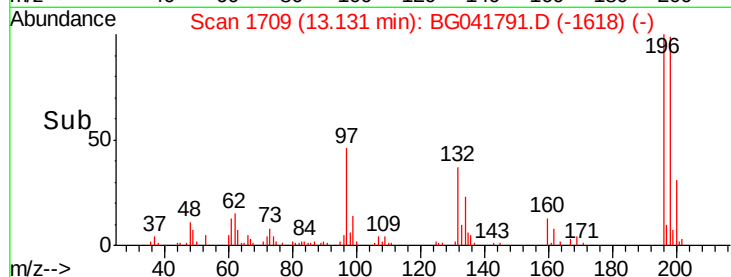
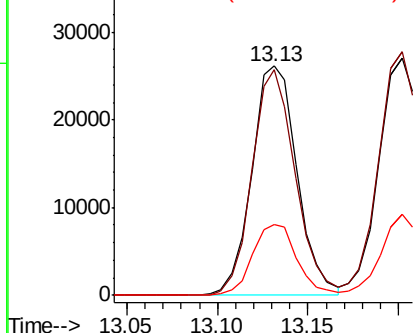
#43
 2,4,6-Trichlorophenol
 Concen: 7.310 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:196 Resp: 45131
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.6 119.4
 200 31.0 25.2 37.8

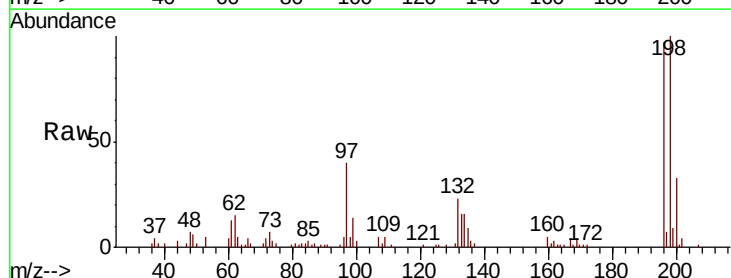


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

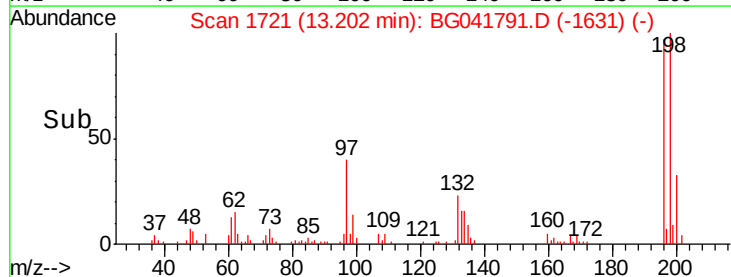
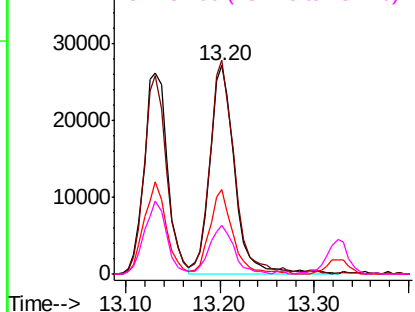


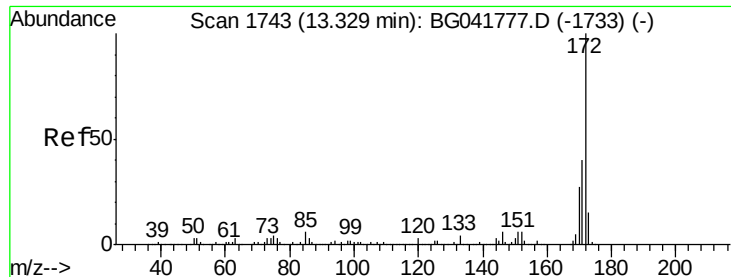
#44
 2,4,5-Trichlorophenol
 Concen: 7.819 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:196 Resp: 50167
 Ion Ratio Lower Upper
 196 100
 198 102.6 80.6 121.0
 97 40.8 33.9 50.9
 132 23.5 20.2 30.2



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

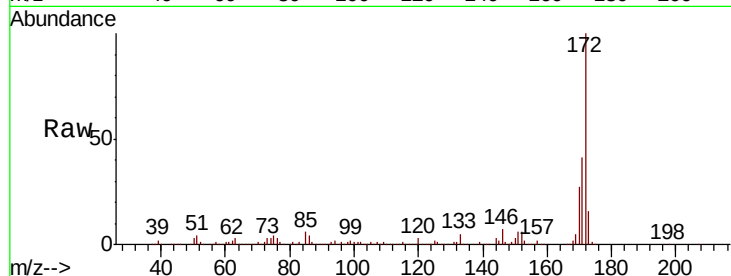




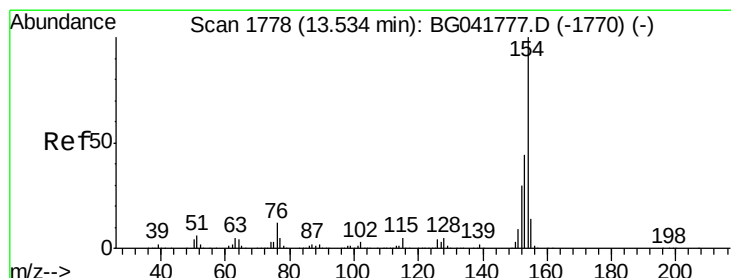
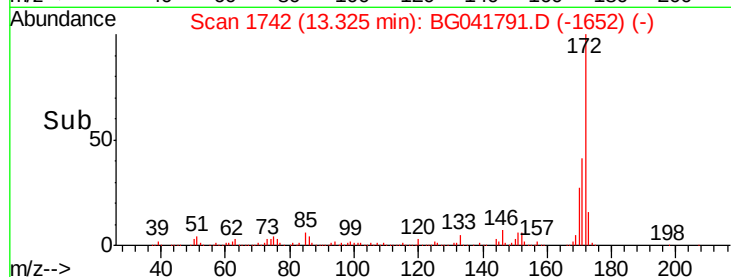
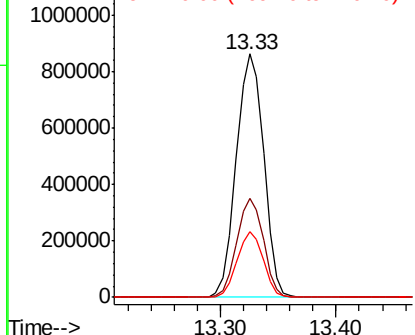
#45
2-Fluorobiphenyl
Concen: 81.179 ng
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:172 Resp: 1420416
Ion Ratio Lower Upper
172 100
171 40.8 35.0 52.4
170 27.2 23.5 35.3

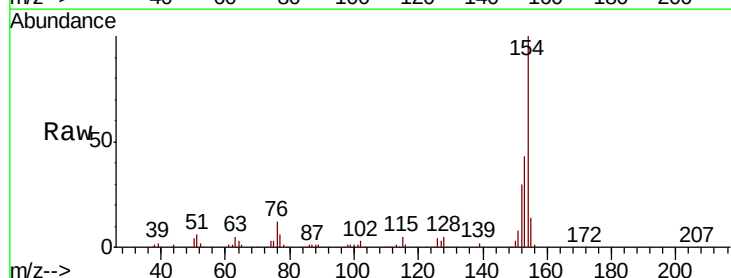


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

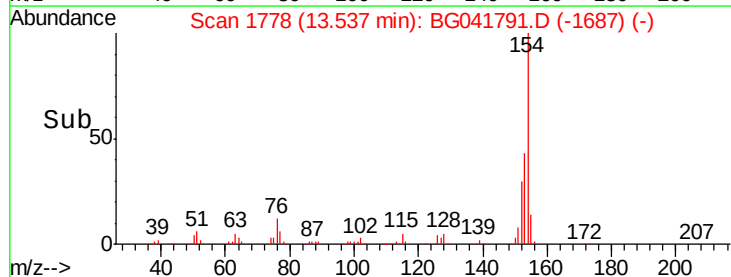
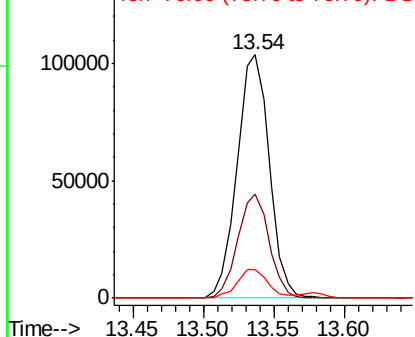


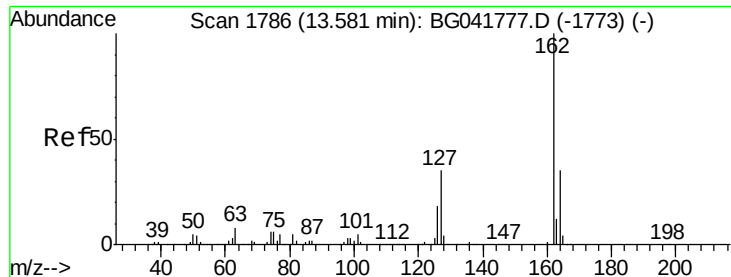
#46
1,1'-Biphenyl
Concen: 8.314 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion:154 Resp: 164932
Ion Ratio Lower Upper
154 100
153 43.0 25.0 65.0
76 11.6 0.0 34.5



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

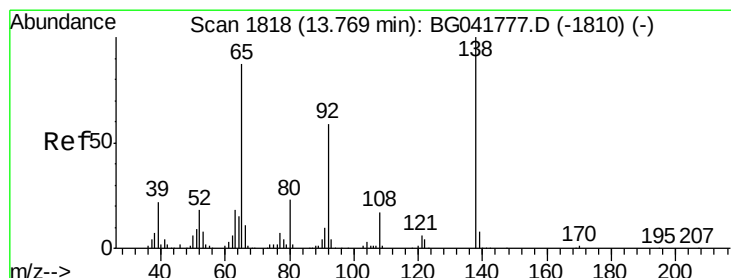
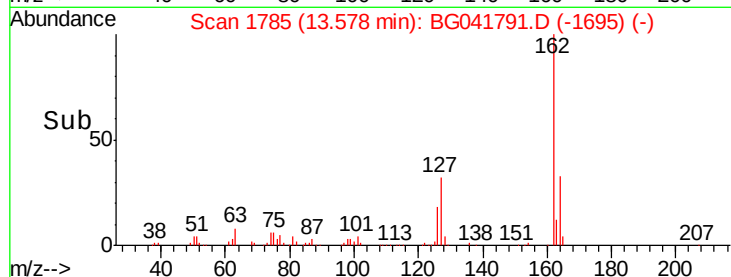
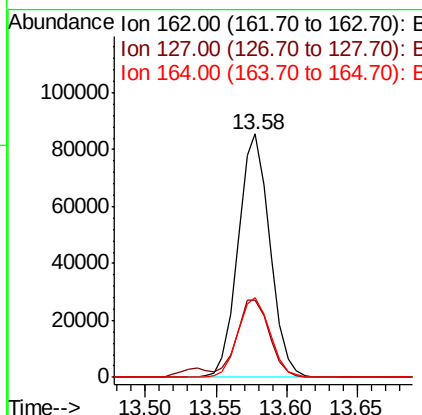
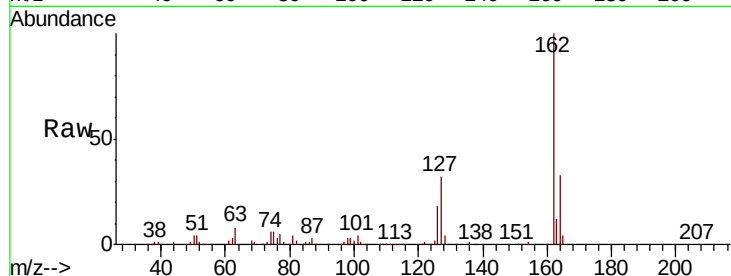




#47
2-Chloronaphthalene
Concen: 7.949 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

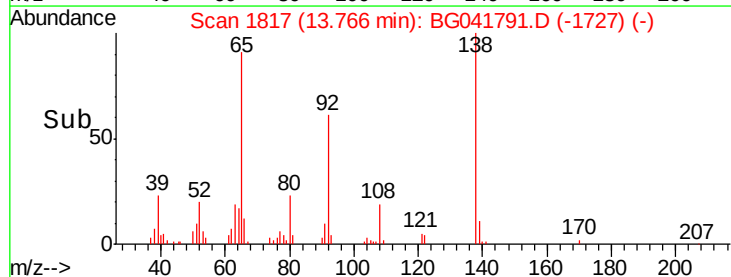
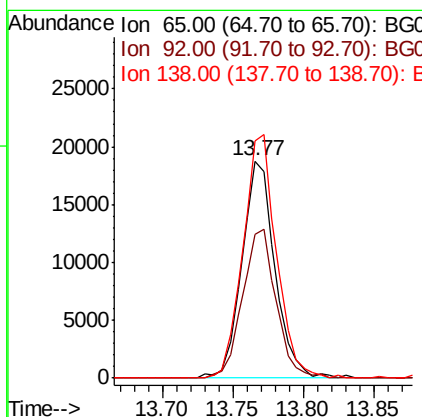
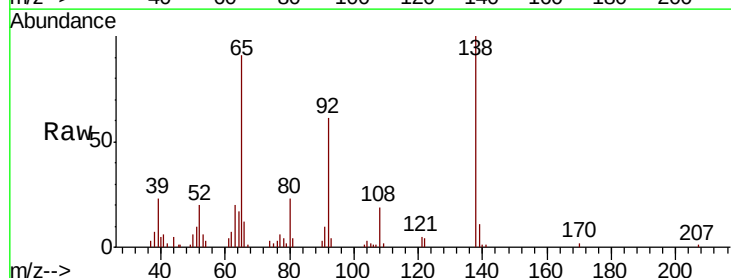
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

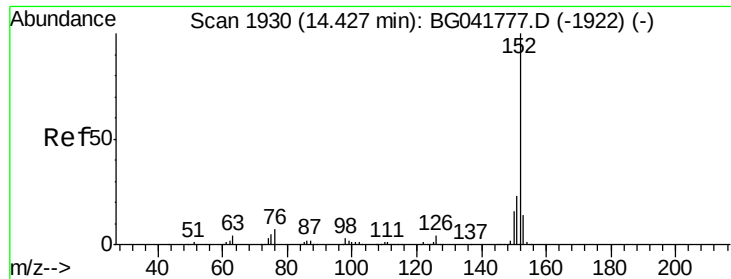
Tot Ion	Ratio	Lower	Upper
162	100		
127	31.9	30.4	45.6
164	32.9	28.6	42.8



#48
2-Nitroaniline
Concen: 7.149 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.9	80.9
138	109.5	83.5	125.3





#49

Acenaphthylene

Concen: 8.577 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

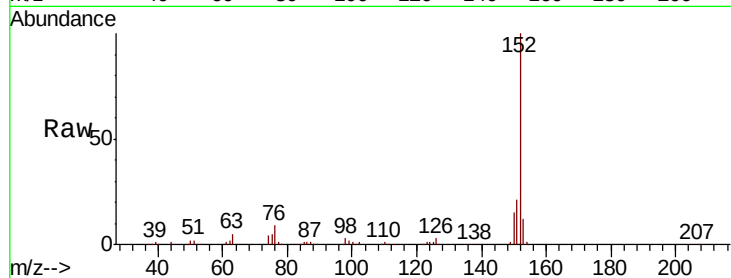
Tot Ion:152 Resp: 216685

Ion Ratio Lower Upper

152 100

151 21.3 18.7 28.1

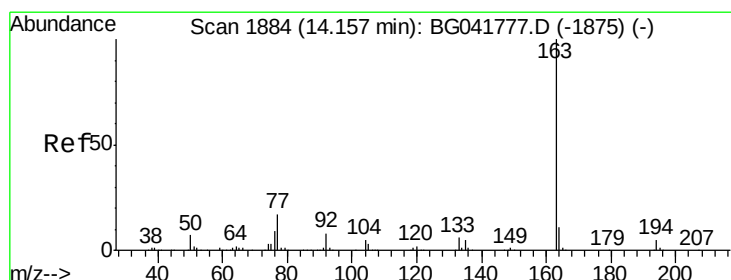
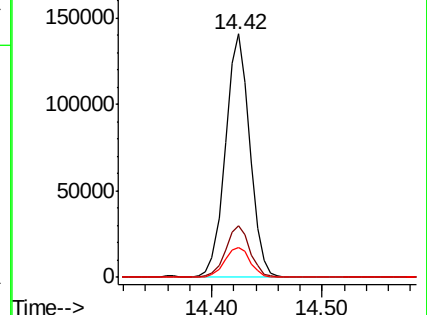
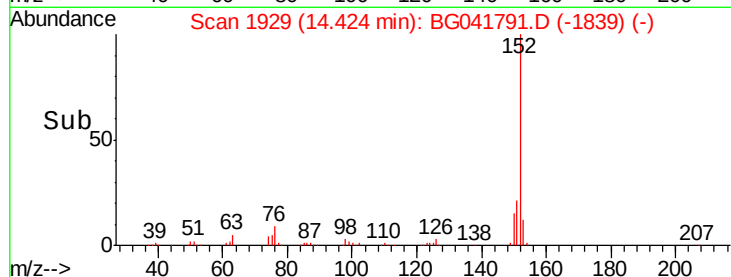
153 12.3 12.4 18.6#



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: 8.236 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

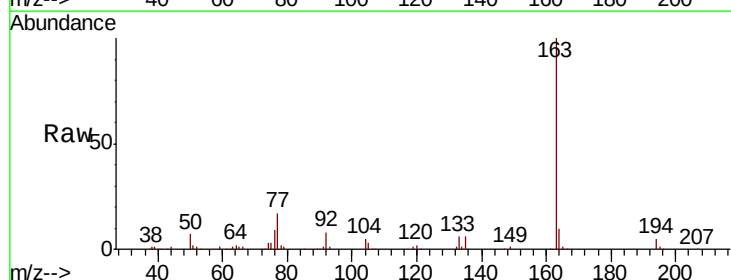
Tgt Ion:163 Resp: 173583

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

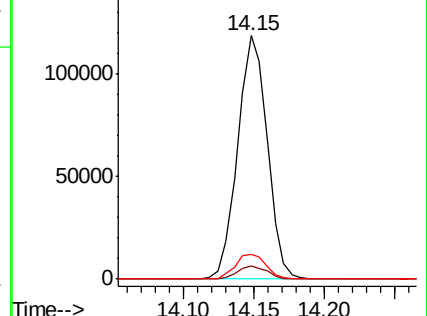
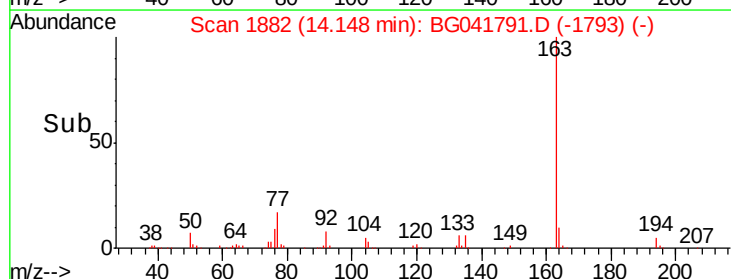
164 10.3 9.4 14.2

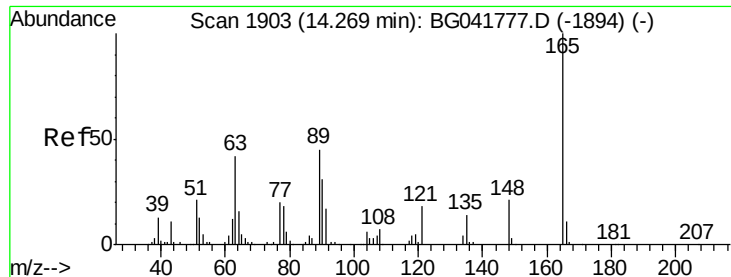


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

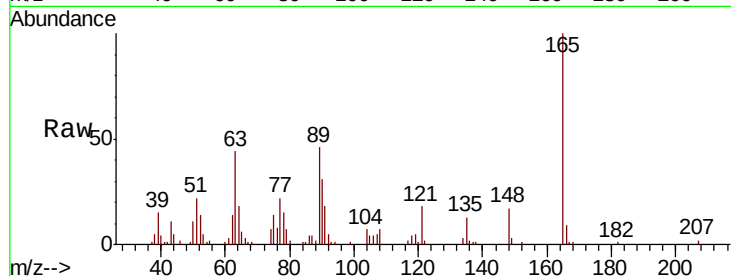




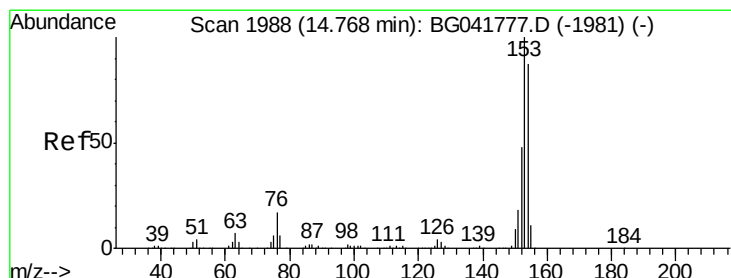
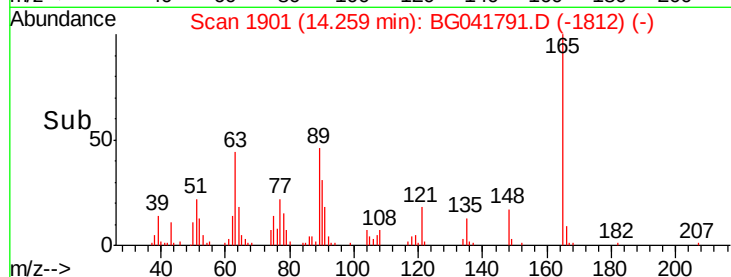
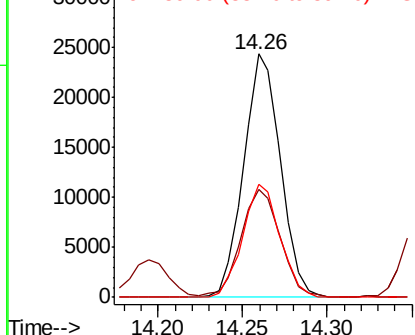
#51
 2,6-Dinitrotoluene
 Concen: 8.368 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:165 Resp: 36877
 Ion Ratio Lower Upper
 165 100
 63 44.2 42.4 63.6
 89 46.4 42.1 63.1

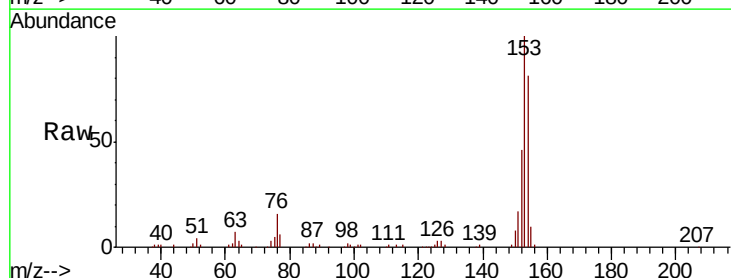


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

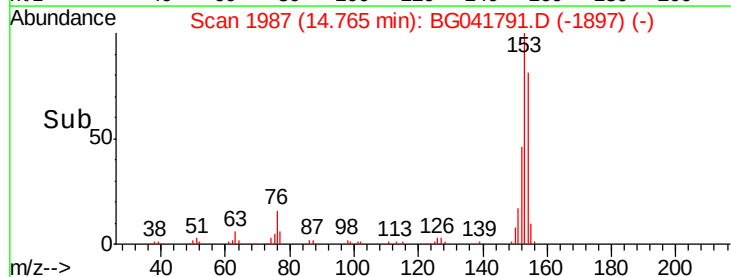
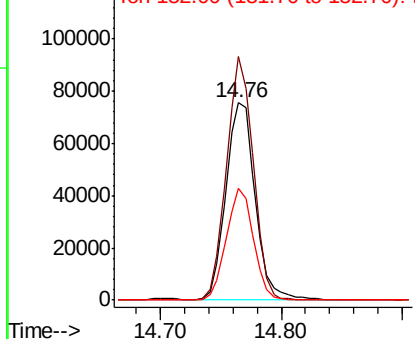


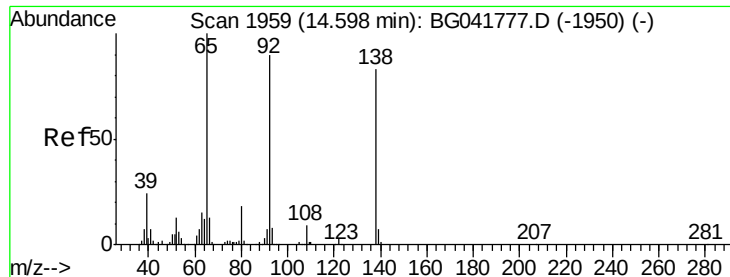
#52
 Acenaphthene
 Concen: 7.757 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:154 Resp: 127465
 Ion Ratio Lower Upper
 154 100
 153 123.4 89.8 134.6
 152 56.5 44.9 67.3



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: 7.277 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

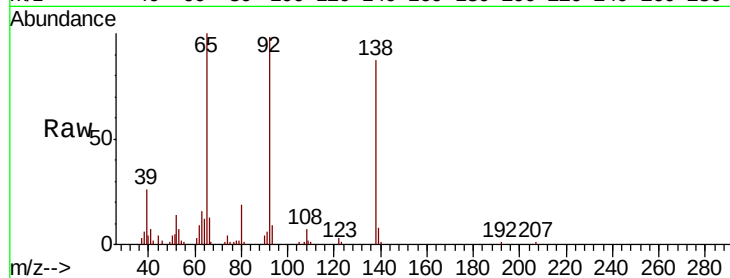
Tot Ion:138 Resp: 34309

Ion Ratio Lower Upper

138 100

108 8.6 10.3 15.5#

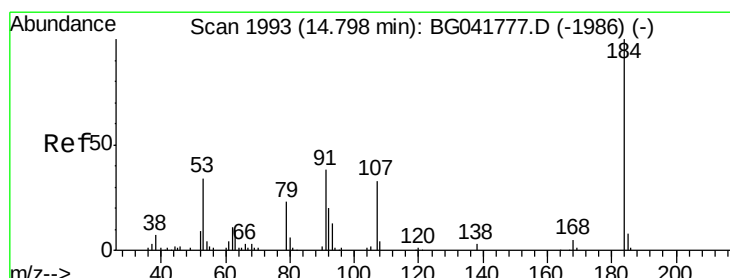
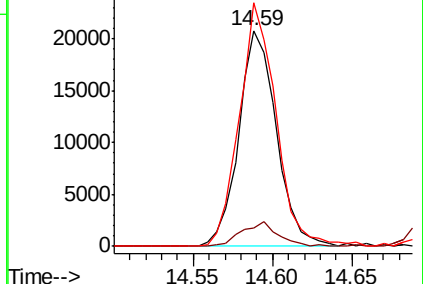
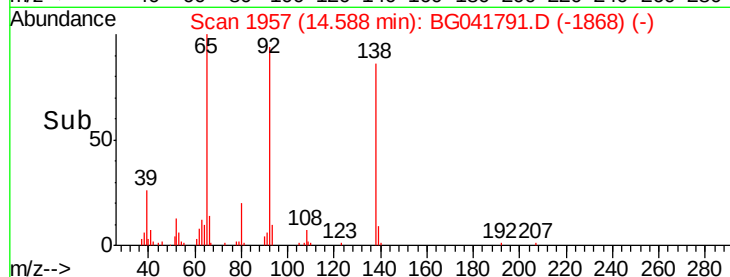
92 112.8 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 7.982 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

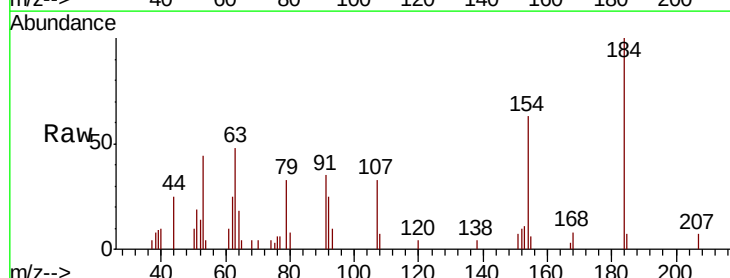
Tgt Ion:184 Resp: 9216

Ion Ratio Lower Upper

184 100

63 47.5 43.2 64.8

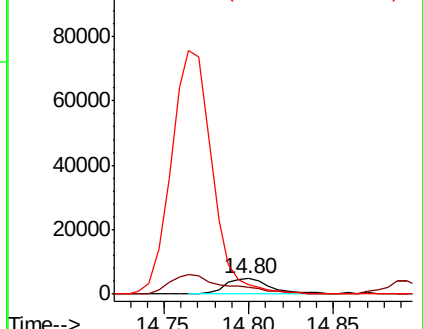
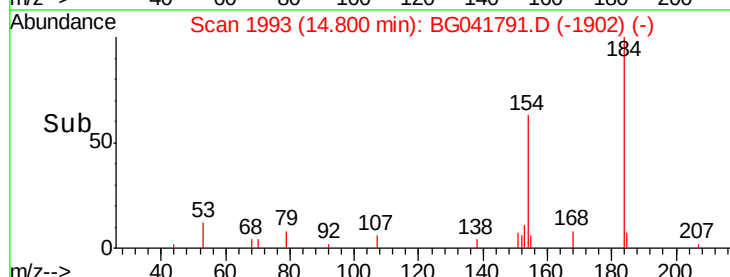
154 62.5 51.4 77.2

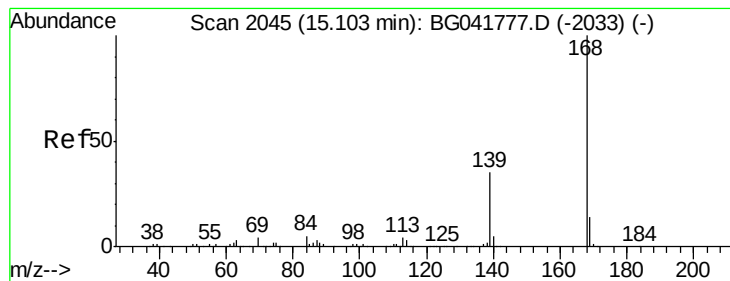


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 8.761 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

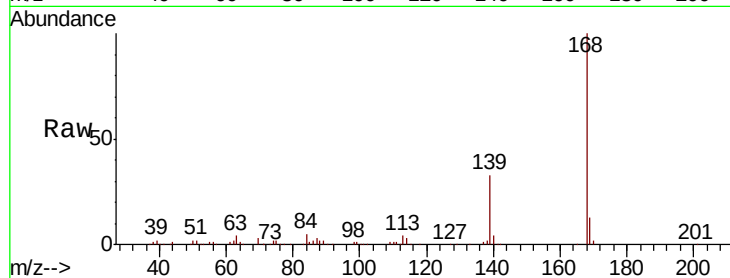
Tot Ion:168 Resp: 220197

Ion Ratio Lower Upper

168 100

139 32.9 31.9 47.9

169 13.2 12.5 18.7

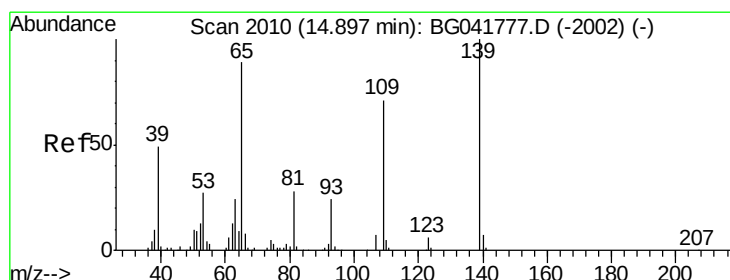
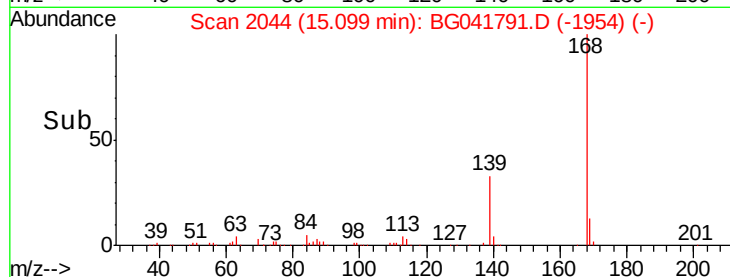
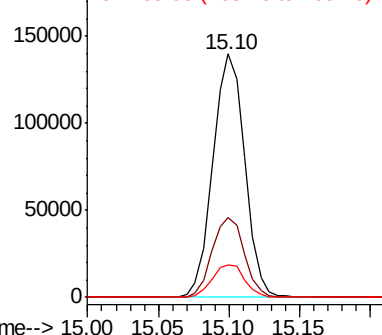


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 7.078 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

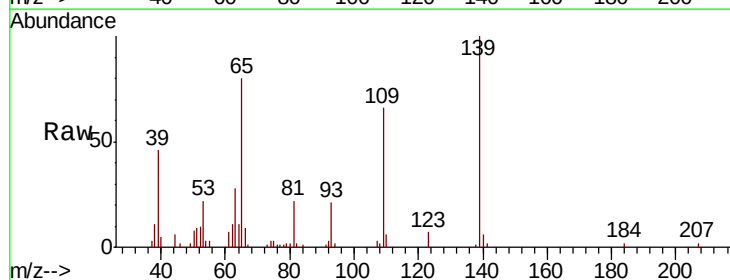
Tgt Ion:139 Resp: 25331

Ion Ratio Lower Upper

139 100

109 66.2 51.3 91.3

65 79.9 77.6 117.6

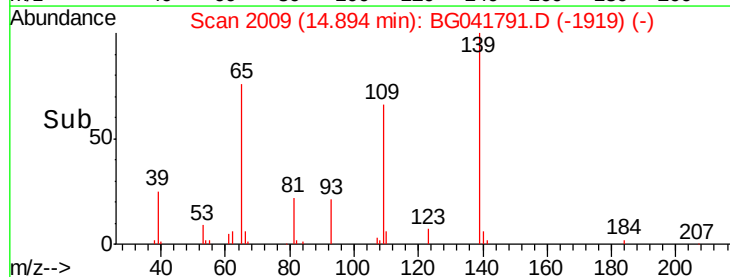
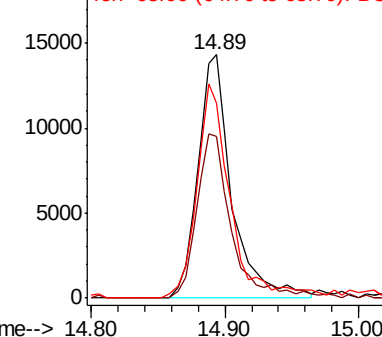


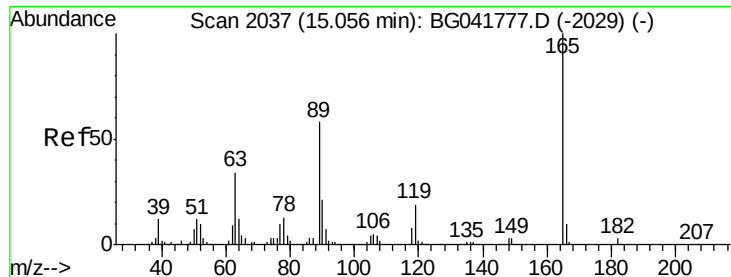
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 7.739 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:165 Resp: 46906

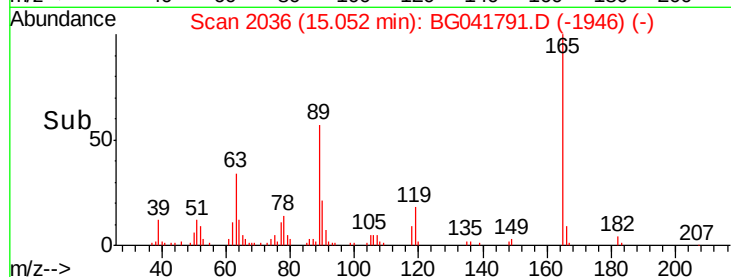
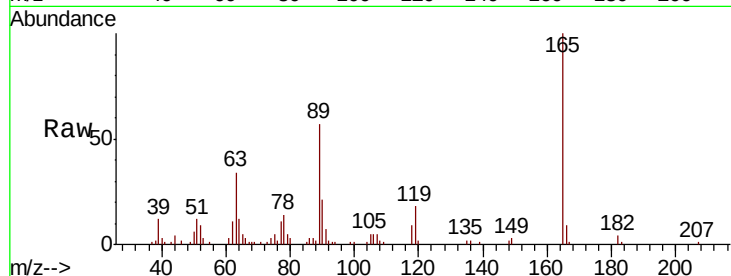
Ion Ratio Lower Upper

165 100

63 33.5 31.7 47.5

89 57.1 50.2 75.4

182 3.9 2.6 4.0

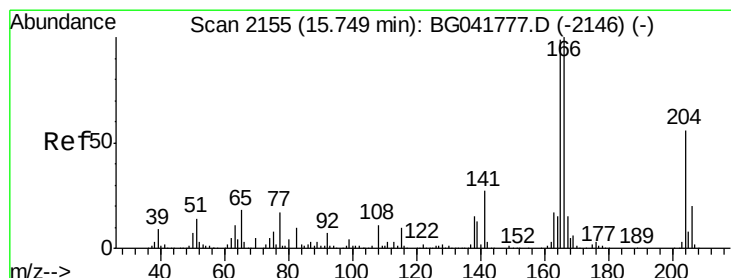
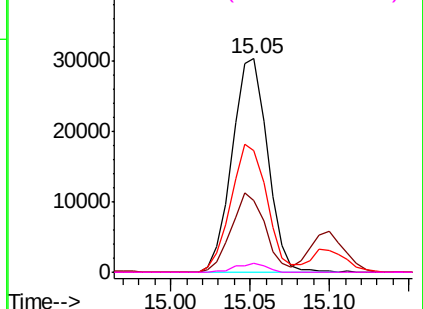


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 8.595 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

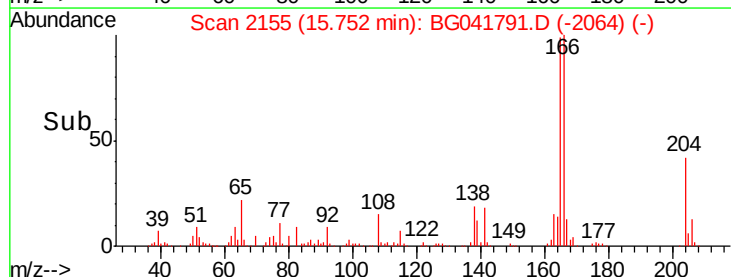
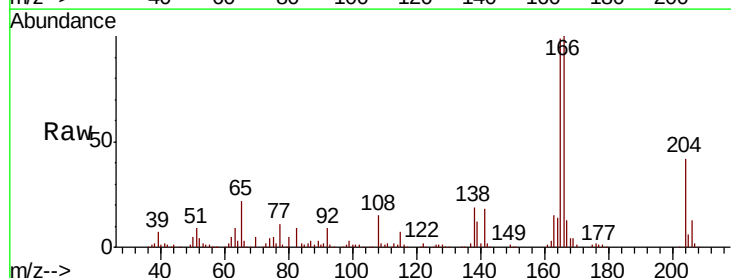
Tgt Ion:166 Resp: 173360

Ion Ratio Lower Upper

166 100

165 98.8 80.5 120.7

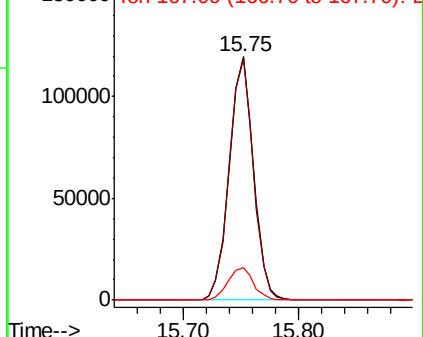
167 13.2 12.4 18.6

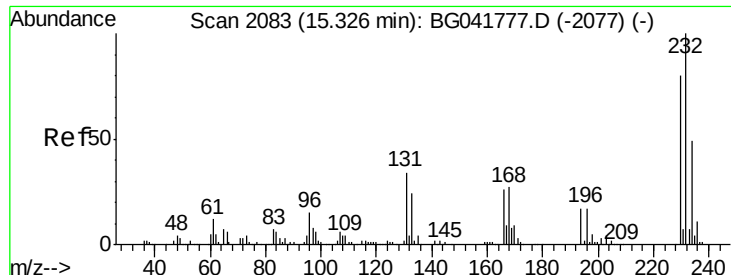


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

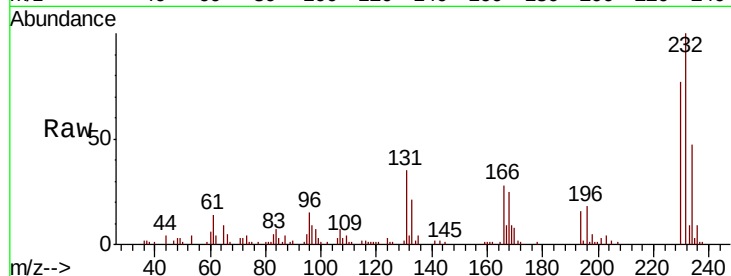




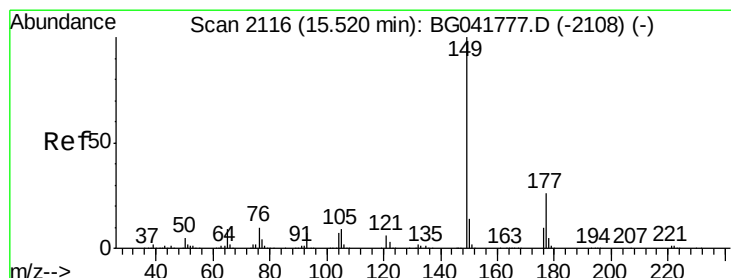
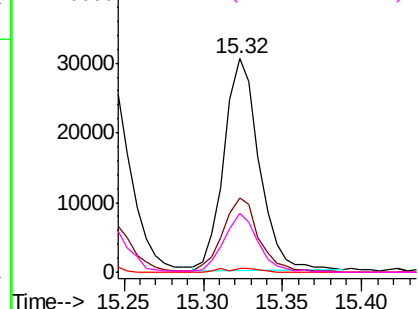
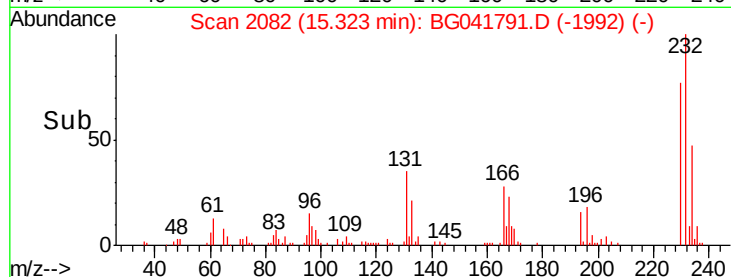
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.383 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:232	Resp:	46917
Ion Ratio	Lower	Upper
232	100	
131	36.6	31.8 47.6
130	1.9	1.8 2.8
166	27.2	23.5 35.3

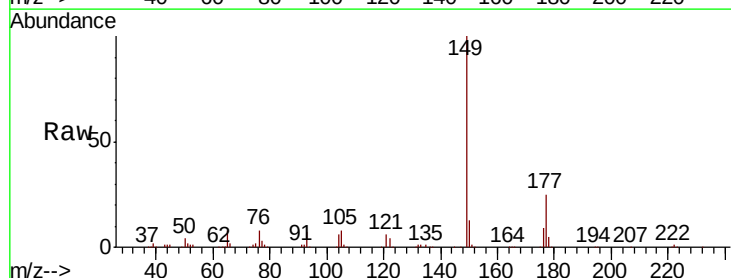


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

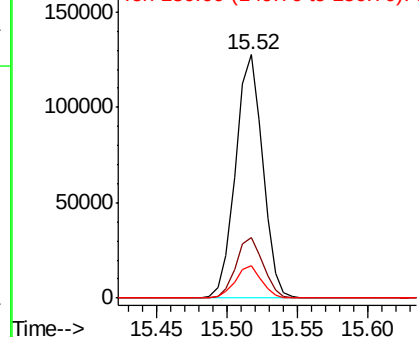
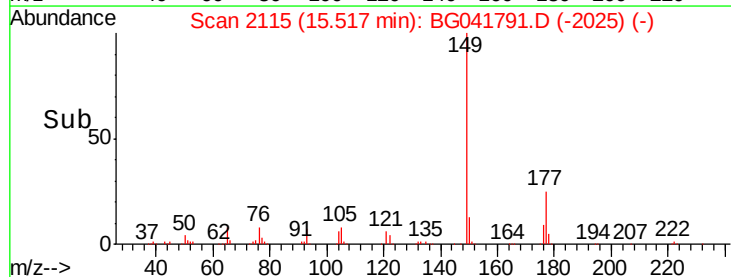


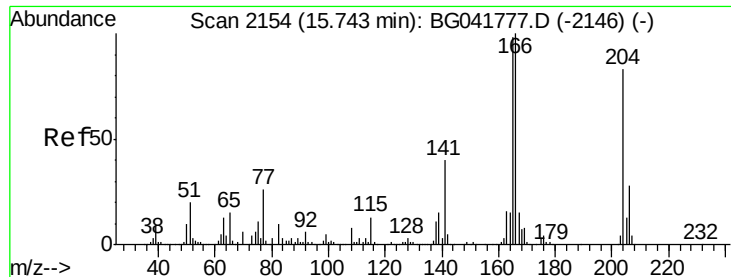
#60
 Diethylphthalate
 Concen: 8.279 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:149	Resp:	171315
Ion Ratio	Lower	Upper
149	100	
177	24.9	20.7 31.1
150	13.1	11.5 17.3



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

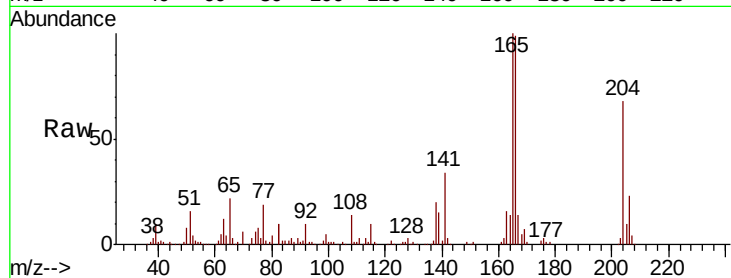




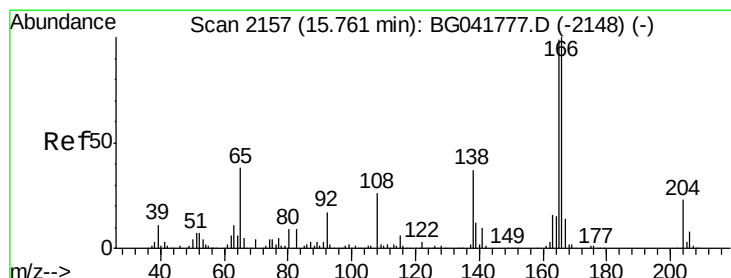
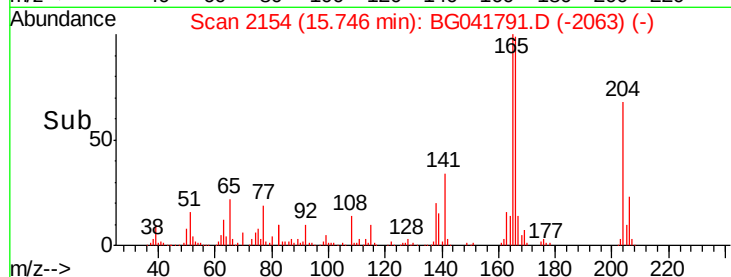
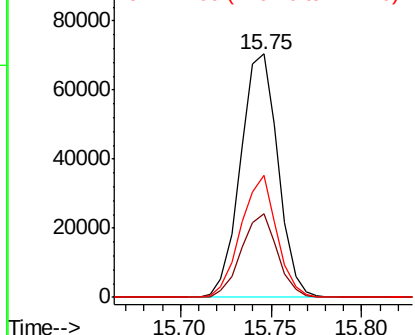
#61
 4-Chlorophenyl-phenylether
 Concen: 8.189 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:204 Resp: 100840
 Ion Ratio Lower Upper
 204 100
 206 34.6 28.6 42.8
 141 49.9 42.9 64.3

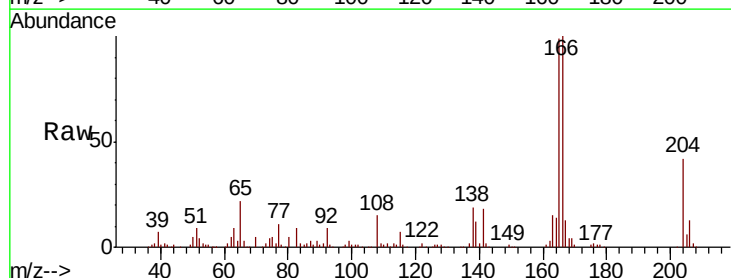


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

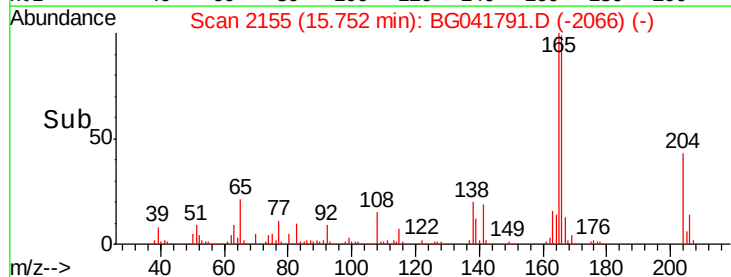
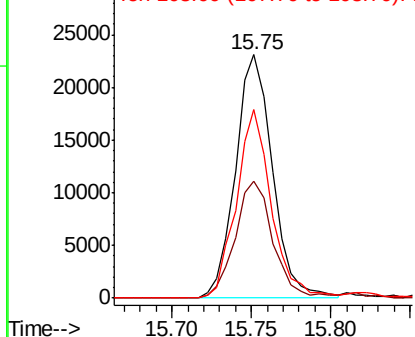


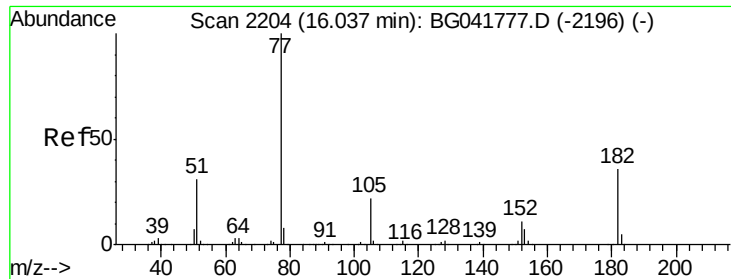
#62
 4-Nitroaniline
 Concen: 7.329 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:138 Resp: 37427
 Ion Ratio Lower Upper
 138 100
 92 48.0 29.8 69.8
 108 77.2 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 8.231 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 77 Resp: 139123

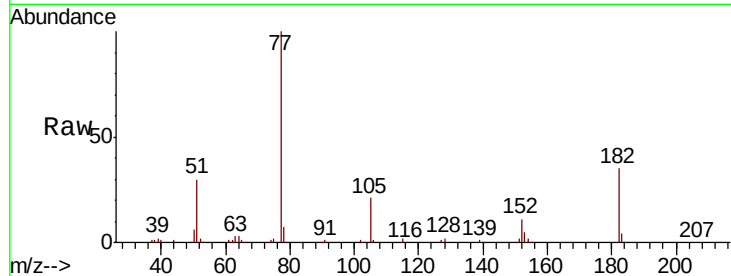
Ion Ratio Lower Upper

77 100

182 35.4 13.2 53.2

105 20.8 2.2 42.2

51 29.9 14.6 54.6

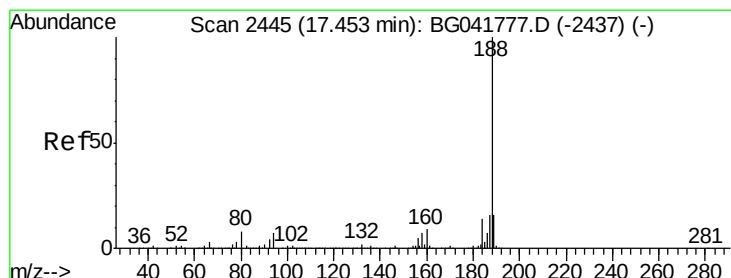
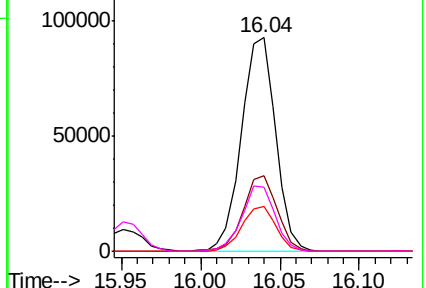
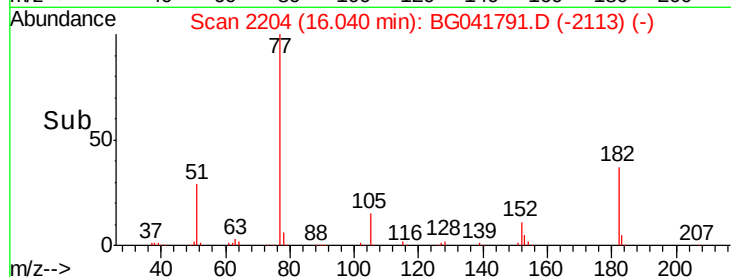


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

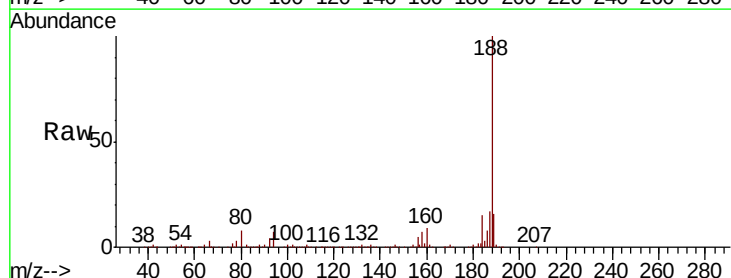
Tgt Ion: 188 Resp: 696160

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

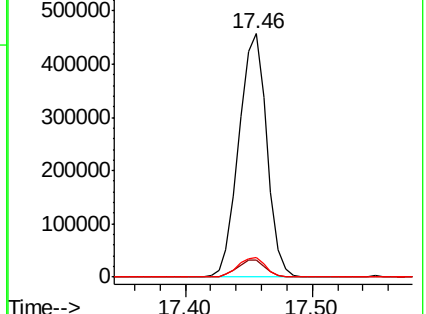
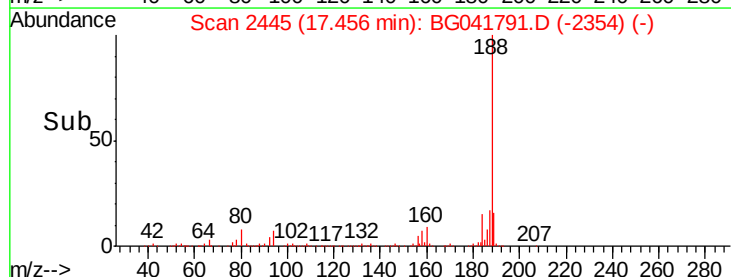
80 8.2 8.0 12.0

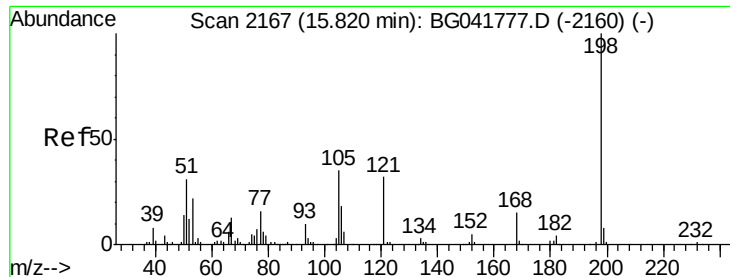


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

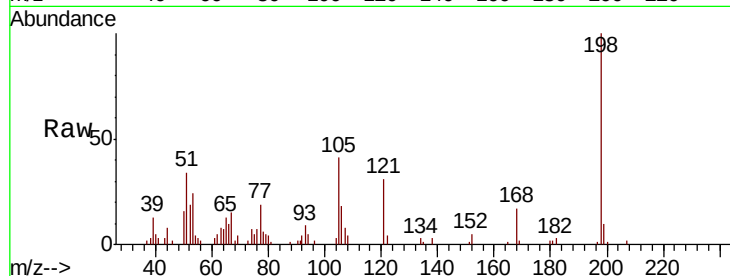




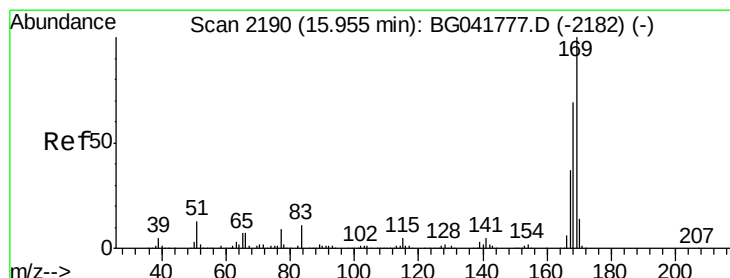
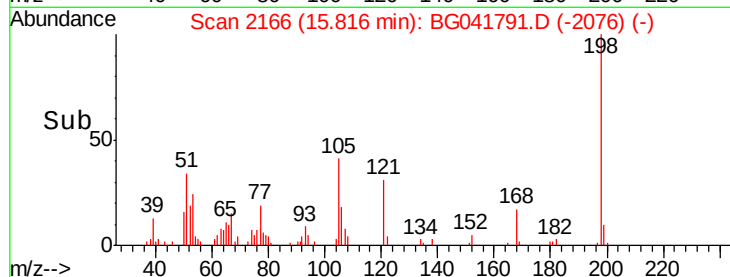
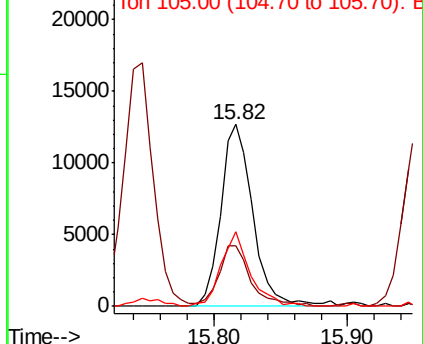
#65
4,6-Dinitro-2-methylphenol
Concen: 12.220 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:198 Resp: 21335
Ion Ratio Lower Upper
198 100
51 33.6 22.3 62.3
105 41.0 18.0 58.0

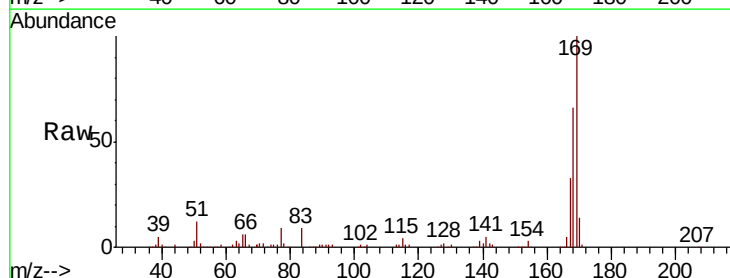


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

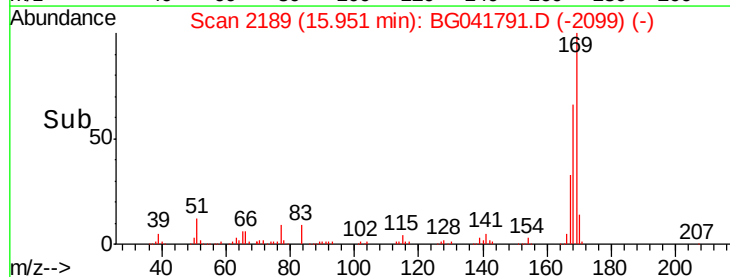
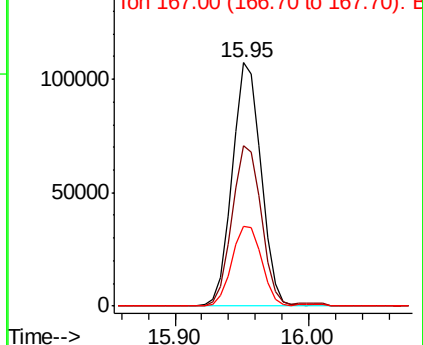


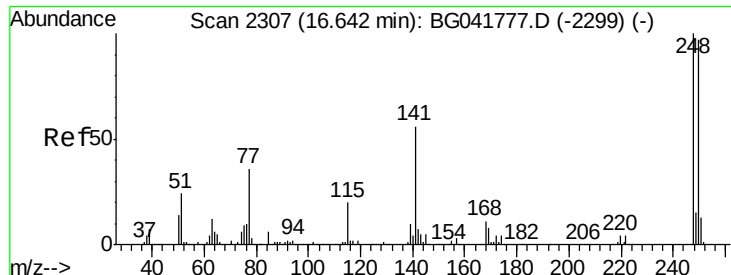
#66
n-Nitrosodiphenylamine
Concen: 8.490 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion:169 Resp: 161003
Ion Ratio Lower Upper
169 100
168 65.8 56.9 85.3
167 32.8 31.5 47.3



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

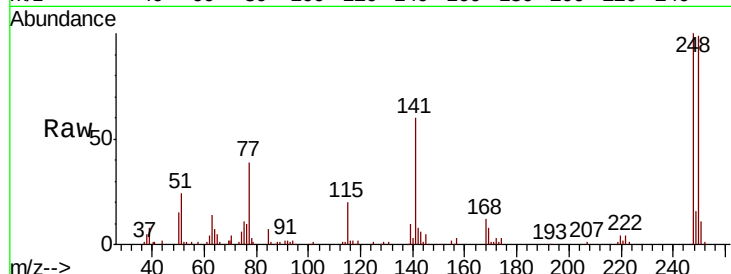




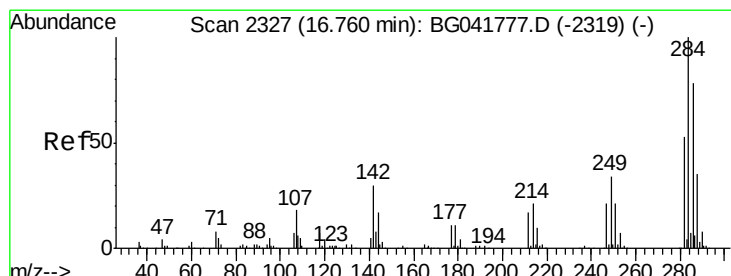
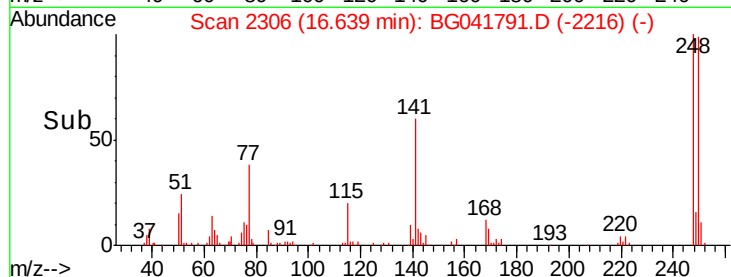
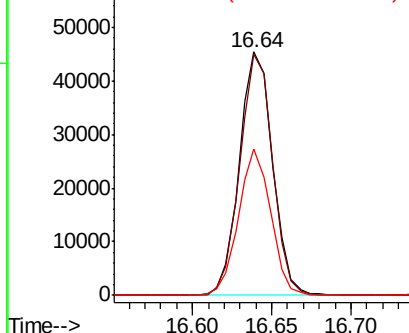
#67
 4-Bromophenyl-phenylether
 Concen: 7.684 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:248 Resp: 65891
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.1 117.1
 141 59.9 49.6 74.4

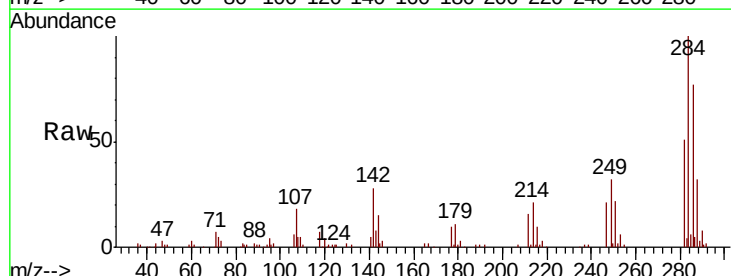


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

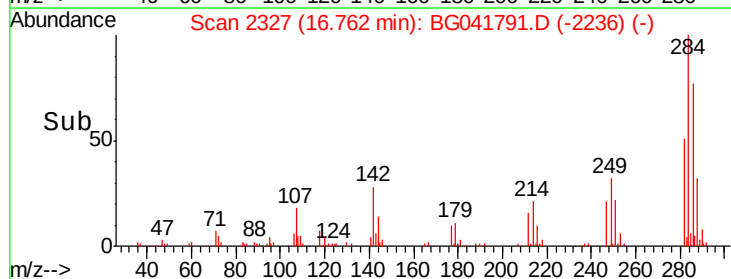
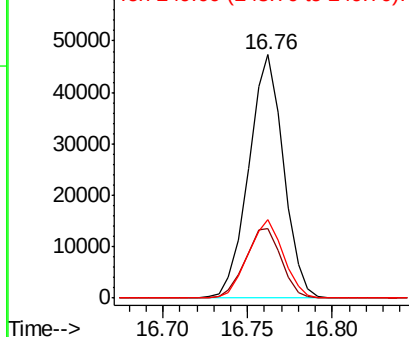


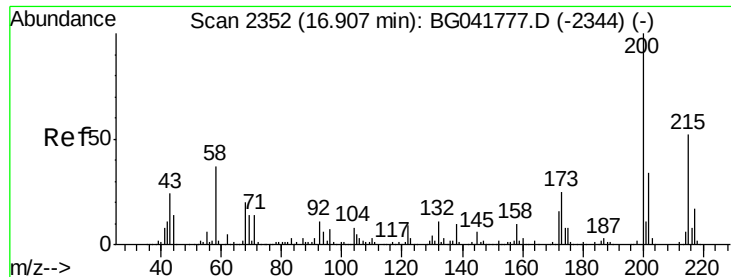
#68
 Hexachlorobenzene
 Concen: 7.570 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:284 Resp: 67912
 Ion Ratio Lower Upper
 284 100
 142 28.4 27.0 40.6
 249 34.7 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 7.651 ng

RT: 16.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

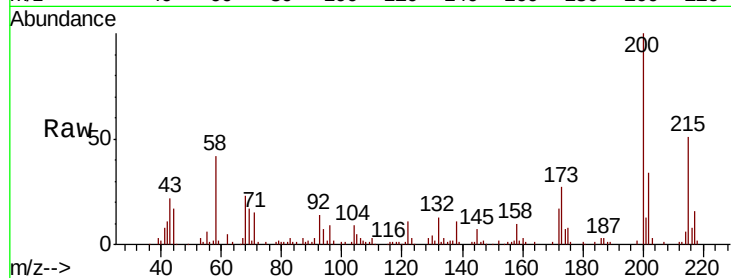
Tot Ion:200 Resp: 57004

Ion Ratio Lower Upper

200 100

173 27.4 5.3 45.3

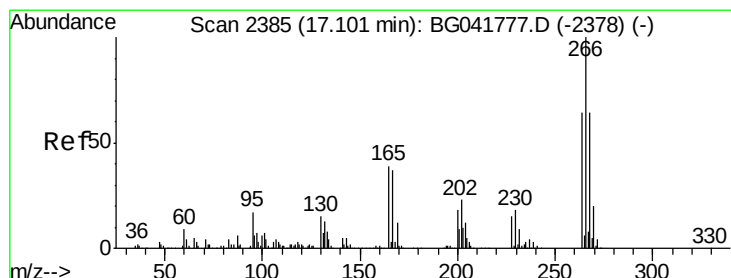
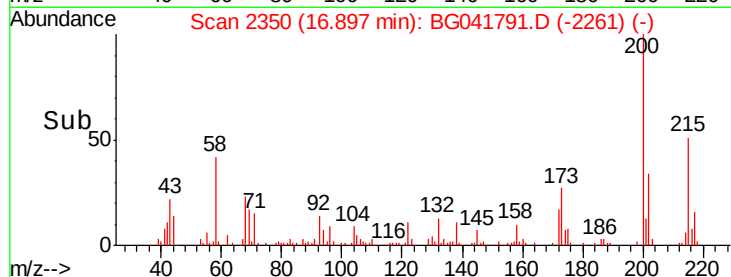
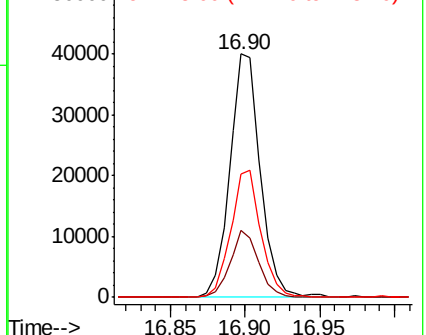
215 50.8 31.8 71.8



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: 6.104 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

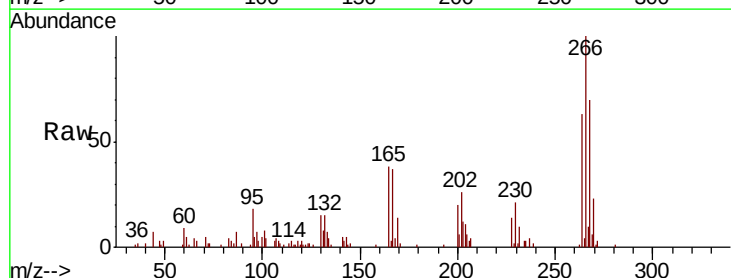
Tgt Ion:266 Resp: 31111

Ion Ratio Lower Upper

266 100

268 69.7 52.9 79.3

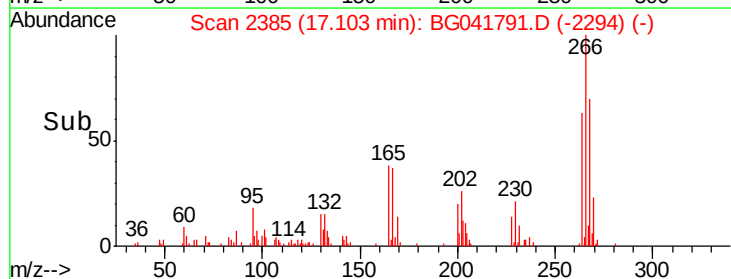
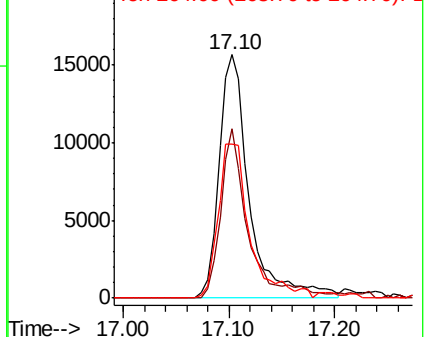
264 63.2 51.4 77.2

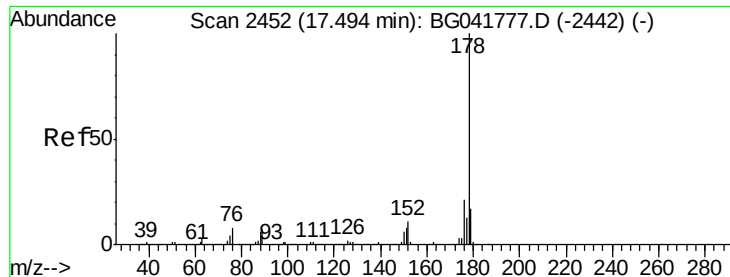


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 8.768 ng

RT: 17.58 min Scan# 2467

Delta R.T. 0.09 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

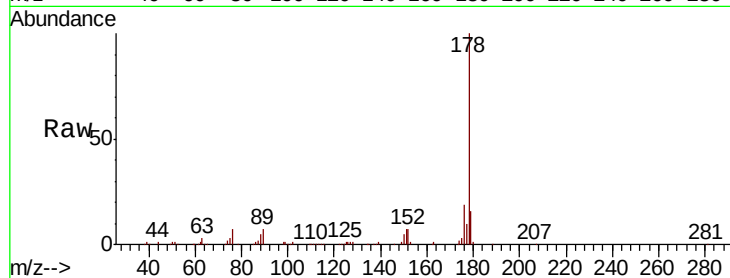
Tot Ion:178 Resp: 292574

Ion Ratio Lower Upper

178 100

176 19.2 18.6 28.0

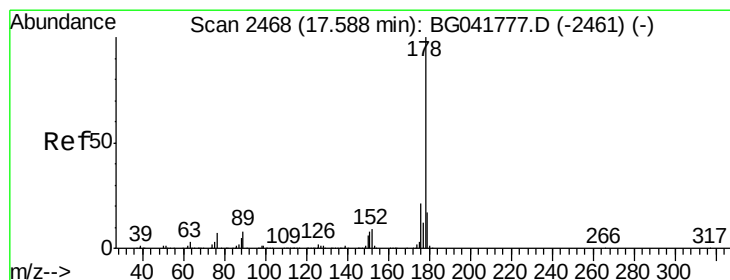
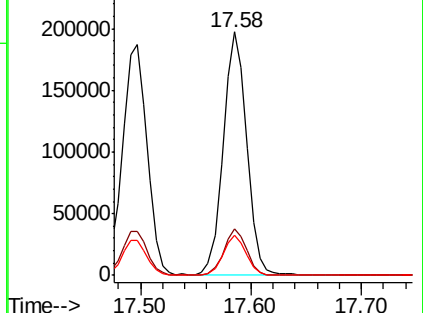
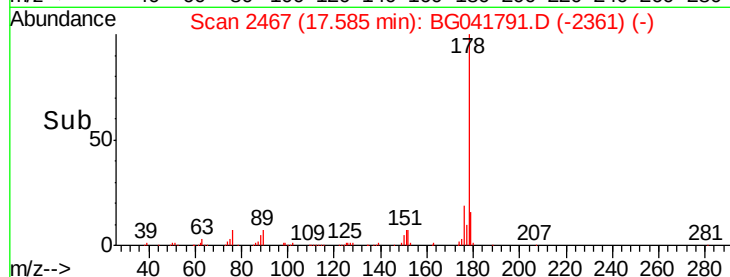
179 16.4 15.4 23.0



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



#72

Anthracene

Concen: 8.791 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

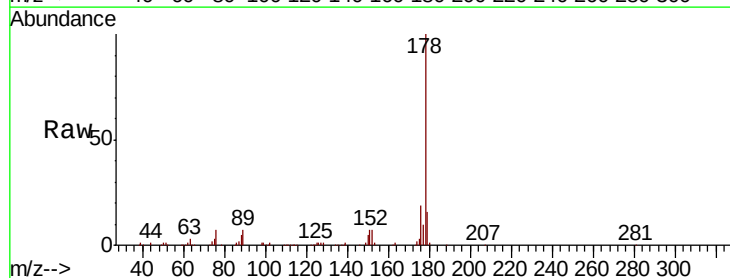
Tgt Ion:178 Resp: 292574

Ion Ratio Lower Upper

178 100

176 19.2 18.6 28.0

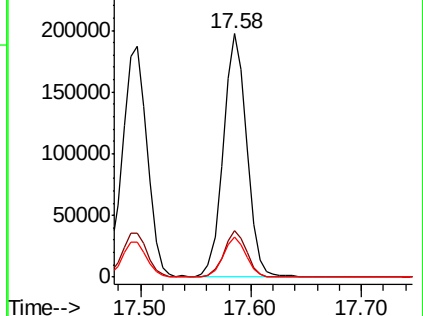
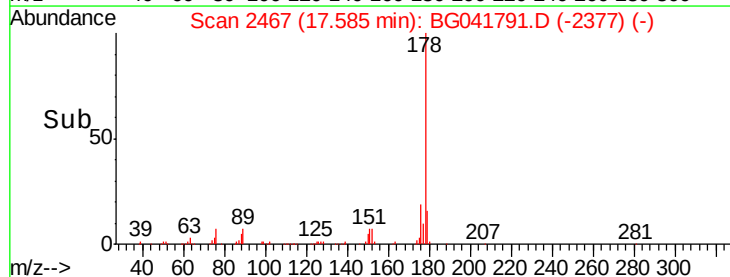
179 16.4 15.1 22.7

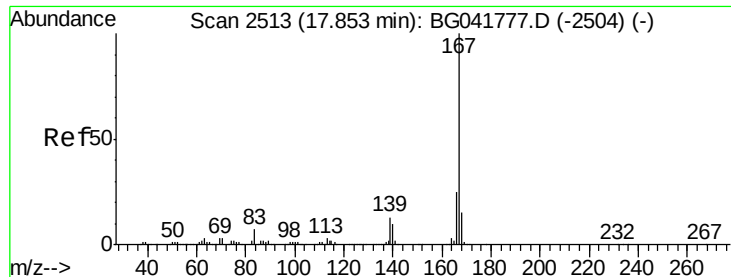


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

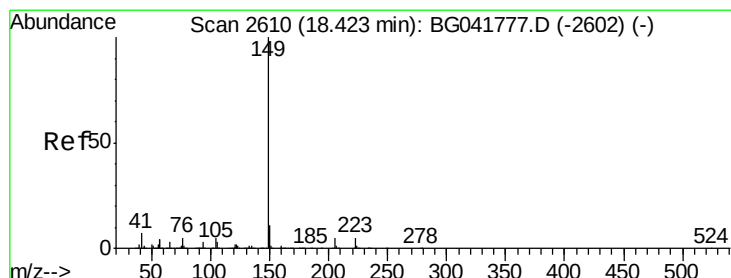
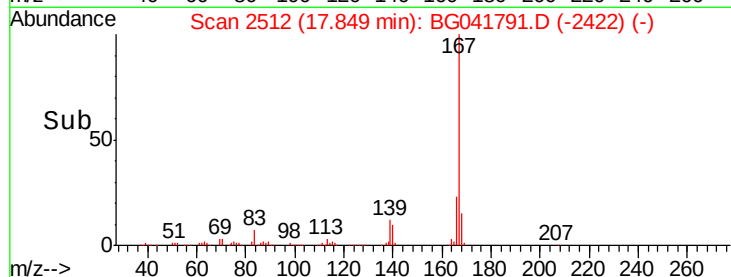
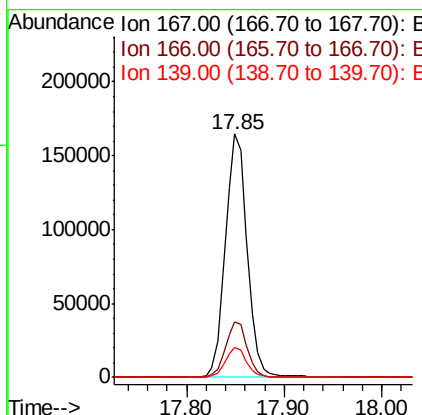
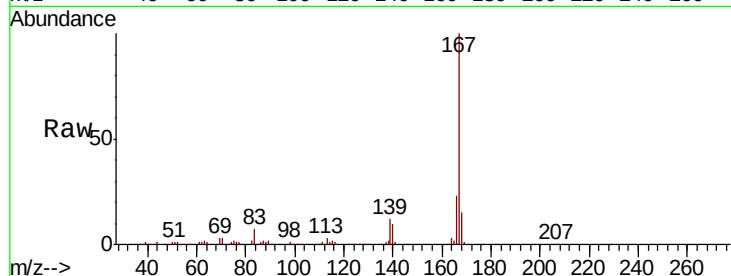




#73
 Carbazole
 Concen: 8.536 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

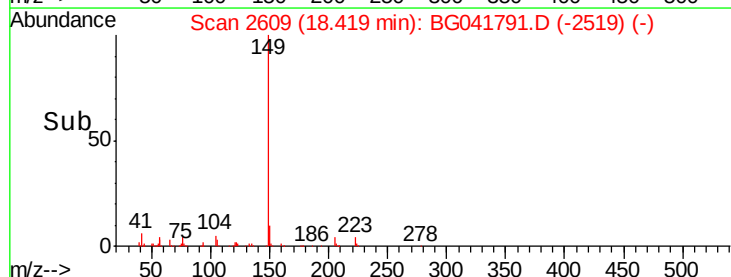
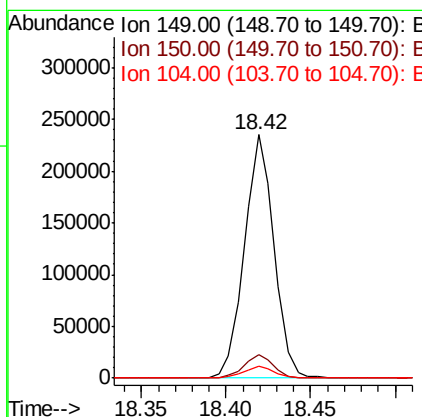
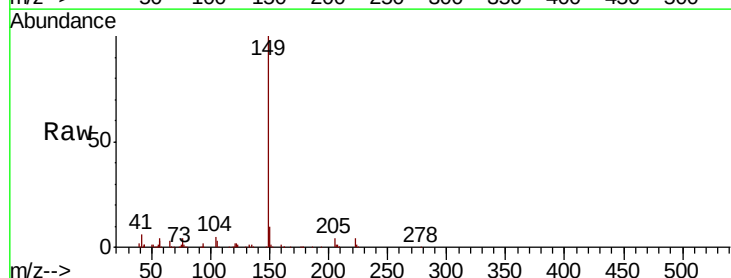
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

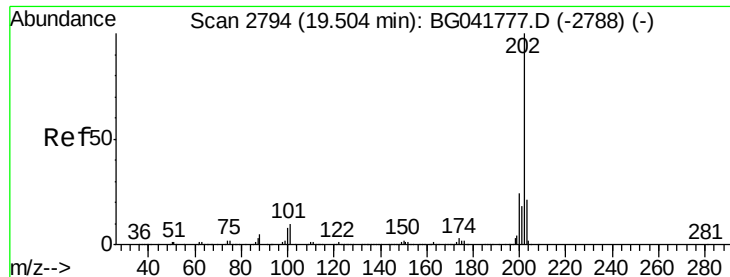
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	21.4	32.2
139	12.1	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 8.451 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	10.2	15.2#
104	4.7	5.3	7.9#





#75

Fluoranthene

Concen: 8.926 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

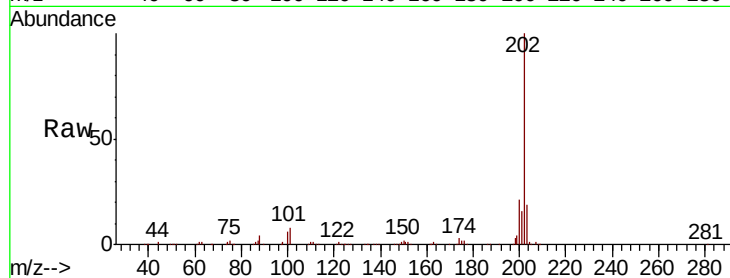
Tot Ion:202 Resp: 362042

Ion Ratio Lower Upper

202 100

101 8.4 0.0 32.8

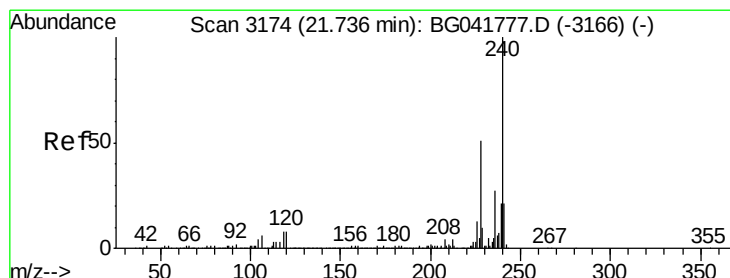
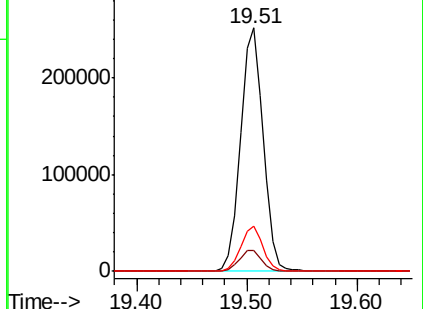
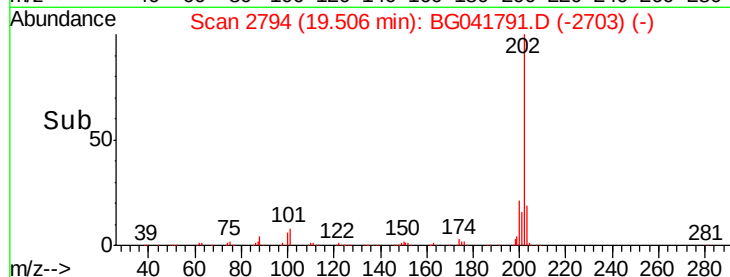
203 18.8 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

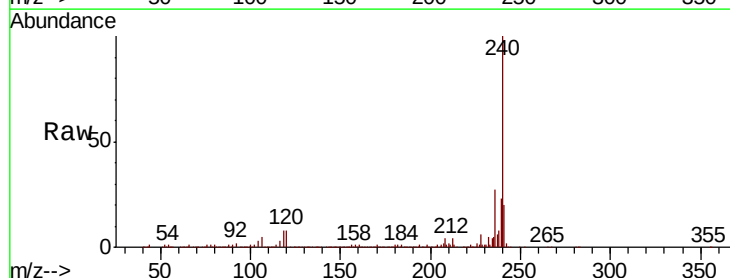
Tgt Ion:240 Resp: 683300

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

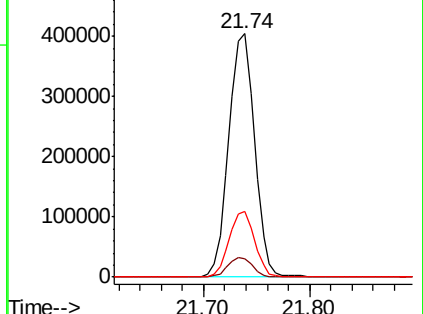
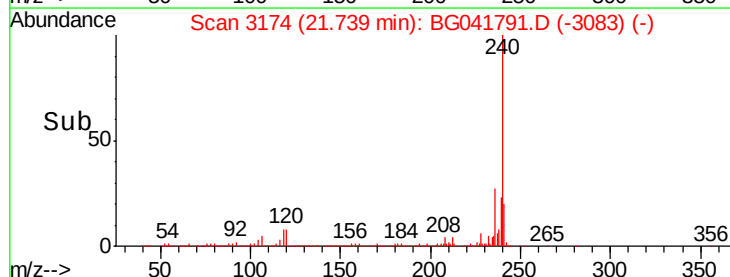
236 26.9 22.6 33.8

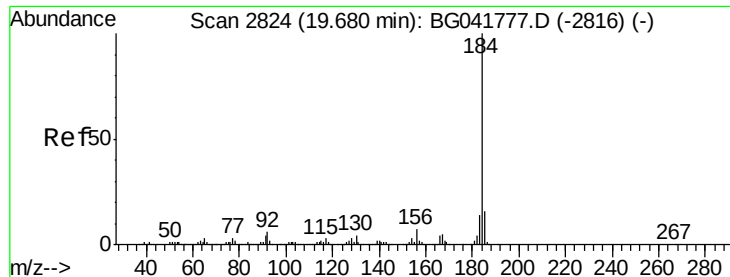


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.654 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

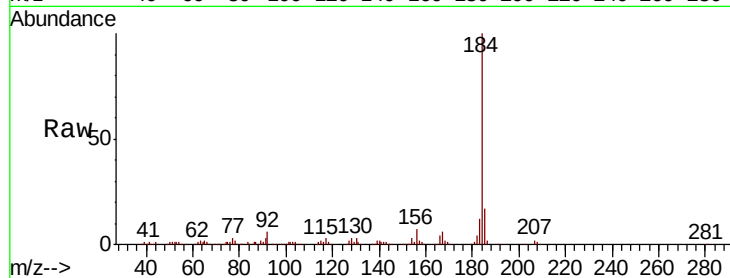
Tot Ion:184 Resp: 170703

Ion Ratio Lower Upper

184 100

185 16.7 13.0 19.4

183 12.4 11.8 17.6

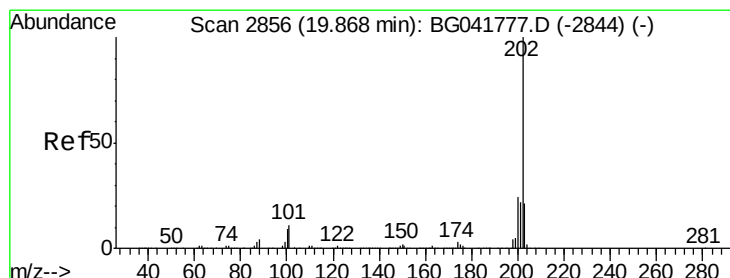
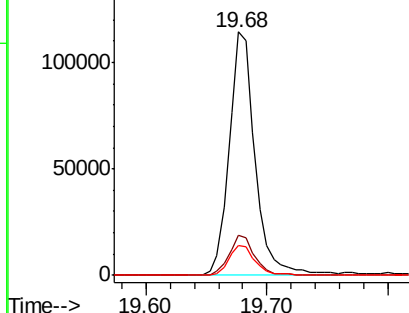
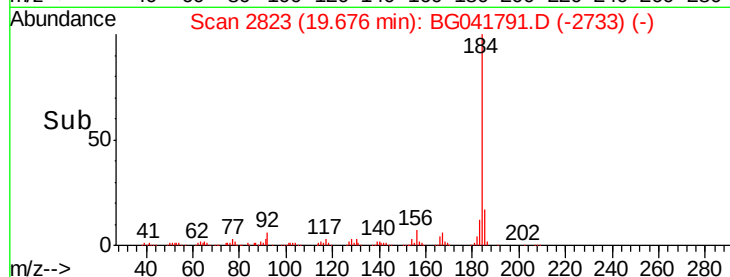


Abundance

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: 9.333 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

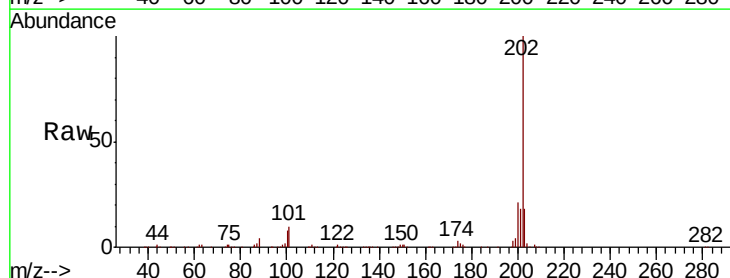
Tgt Ion:202 Resp: 377848

Ion Ratio Lower Upper

202 100

200 20.6 22.2 33.2#

203 18.1 18.9 28.3#

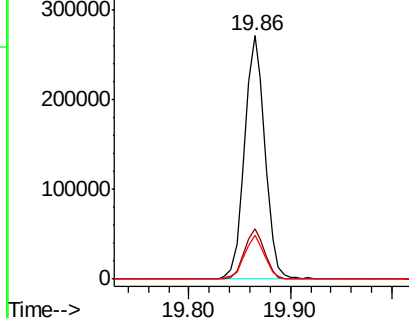
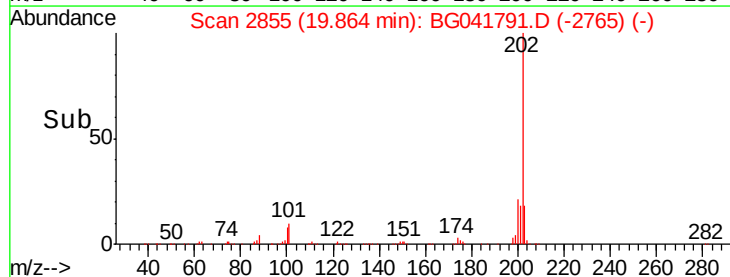


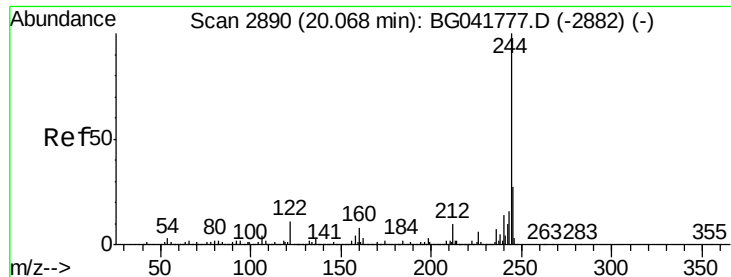
Abundance

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: 73.468 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

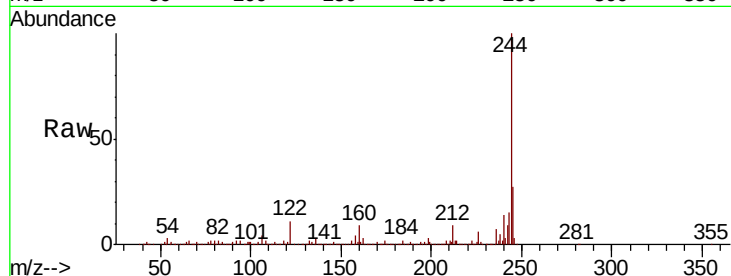
Tot Ion:244 Resp: 2193836

Ion Ratio Lower Upper

244 100

212 9.4 9.7 14.5#

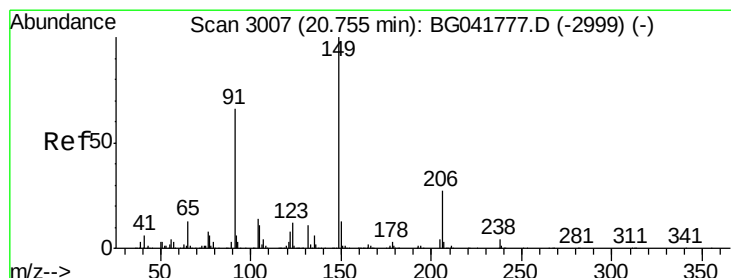
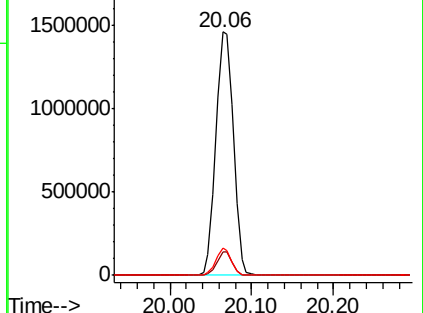
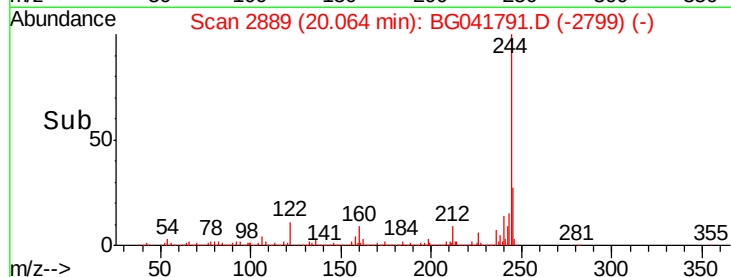
122 11.2 12.5 18.7#



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: 7.518 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

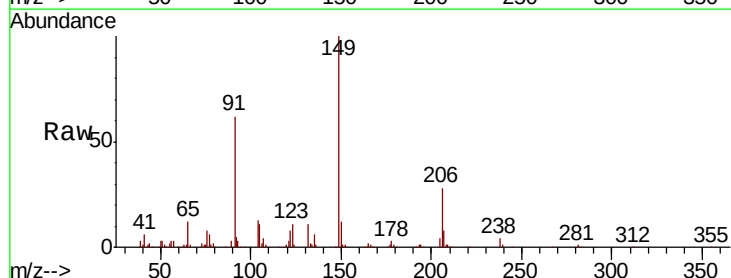
Tgt Ion:149 Resp: 116686

Ion Ratio Lower Upper

149 100

91 62.1 58.9 88.3

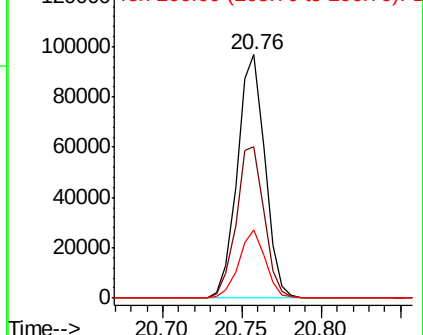
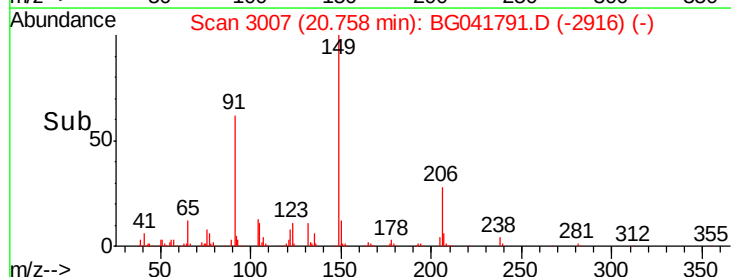
206 27.9 20.8 31.2

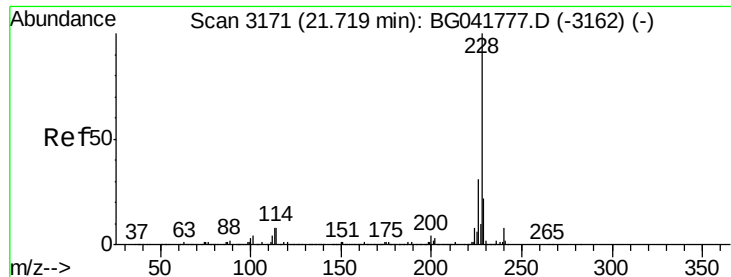


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.370 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.06 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

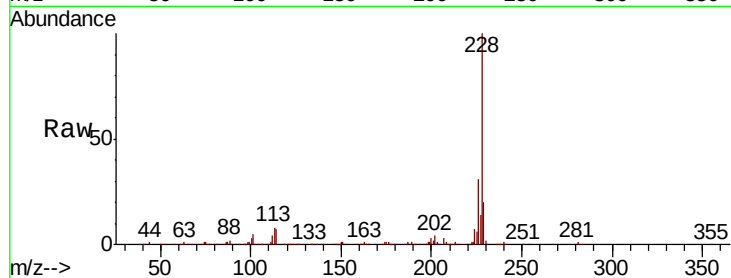
Tot Ion:228 Resp: 338360

Ion Ratio Lower Upper

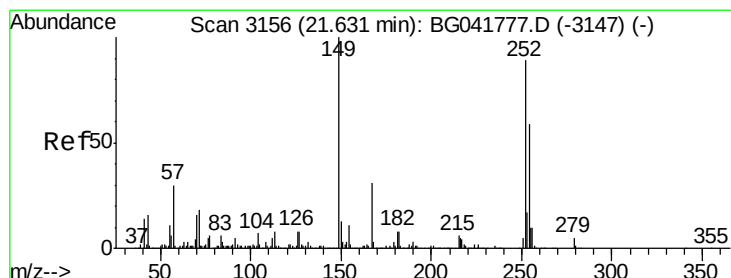
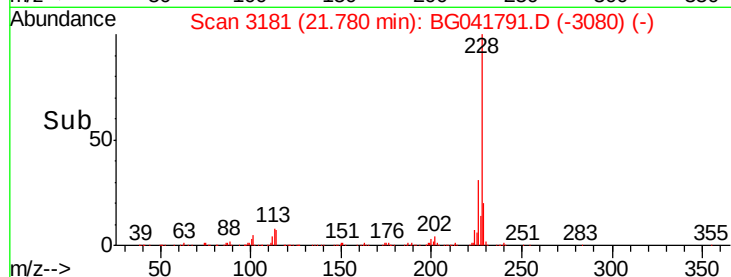
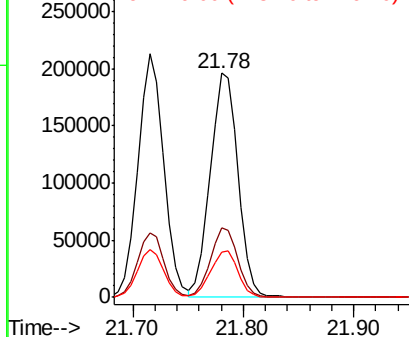
228 100

226 31.2 27.3 40.9

229 20.4 19.7 29.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.416 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

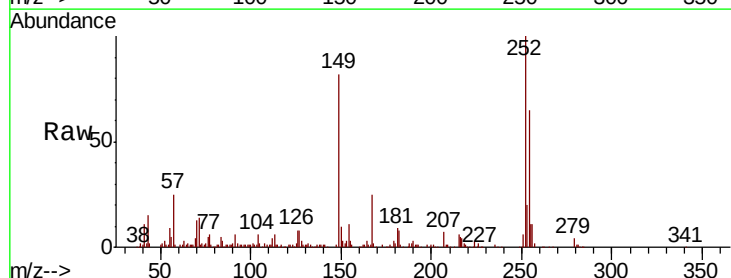
Tgt Ion:252 Resp: 136605

Ion Ratio Lower Upper

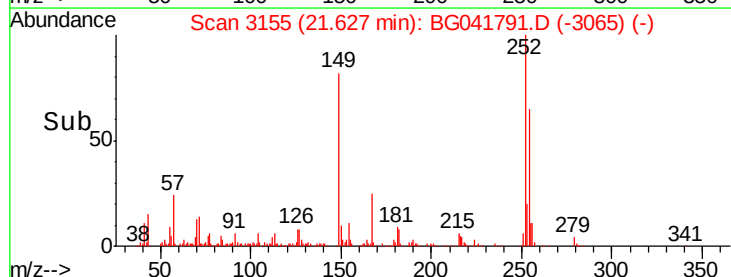
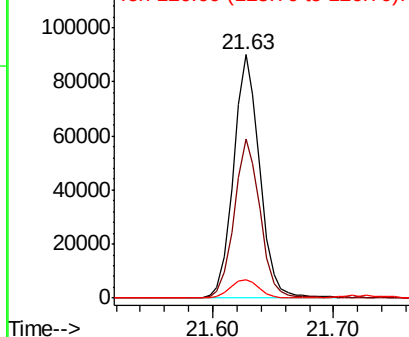
252 100

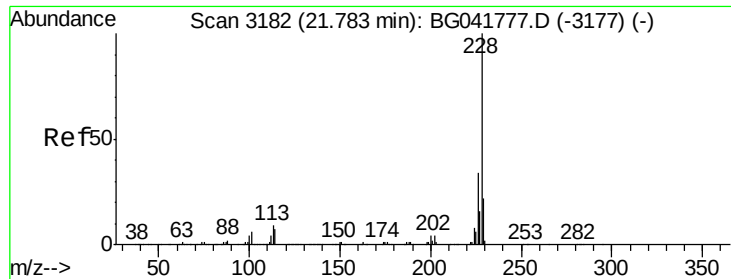
254 65.3 53.8 80.6

126 7.6 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.731 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

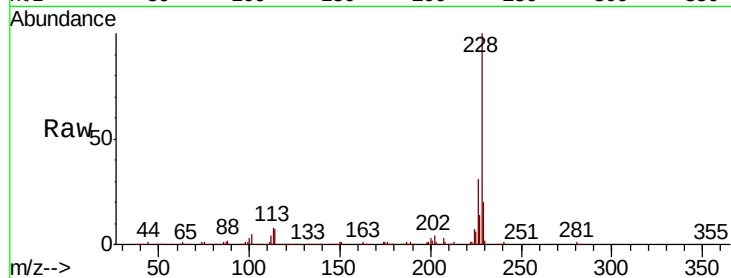
Tot Ion:228 Resp: 338360

Ion Ratio Lower Upper

228 100

226 31.2 30.1 45.1

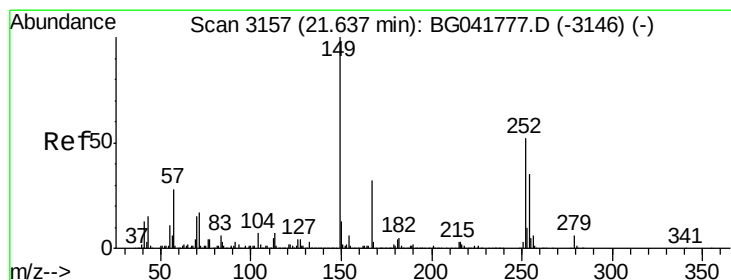
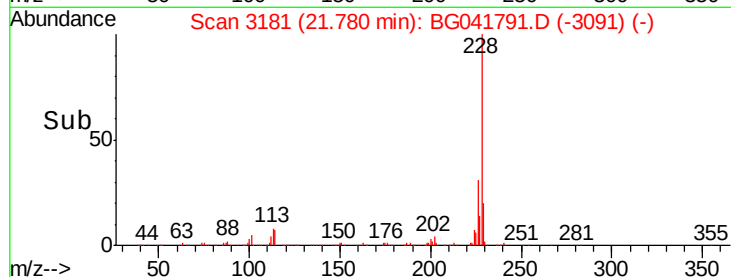
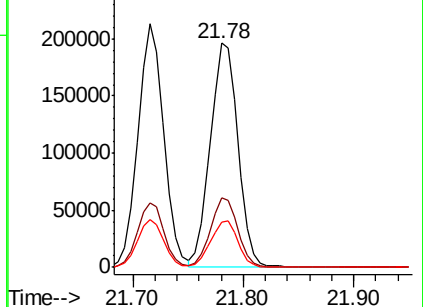
229 20.4 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.151 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

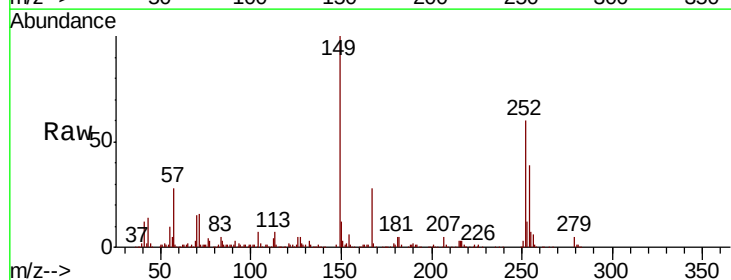
Tgt Ion:149 Resp: 174527

Ion Ratio Lower Upper

149 100

167 27.8 27.0 40.4

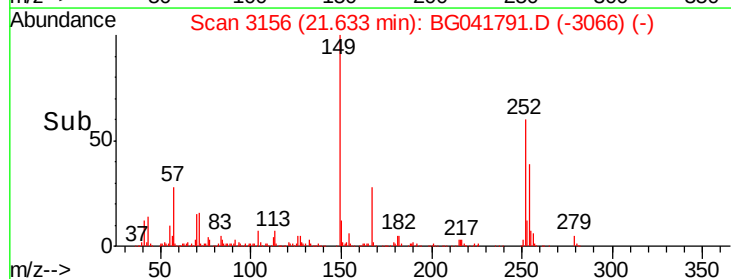
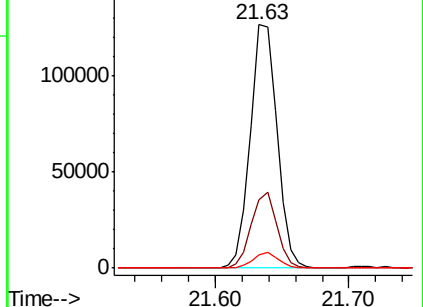
279 5.4 5.0 7.6

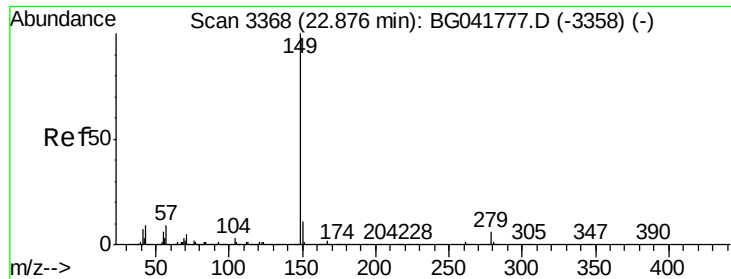


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.965 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

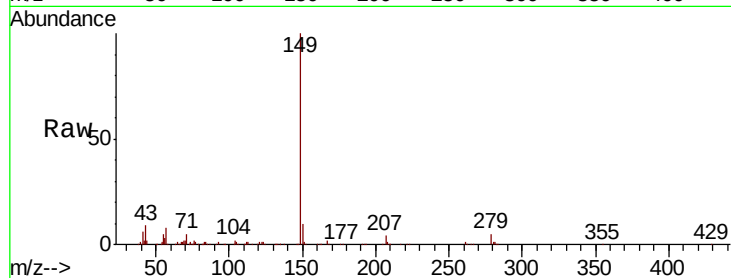
Tot Ion:149 Resp: 287010

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

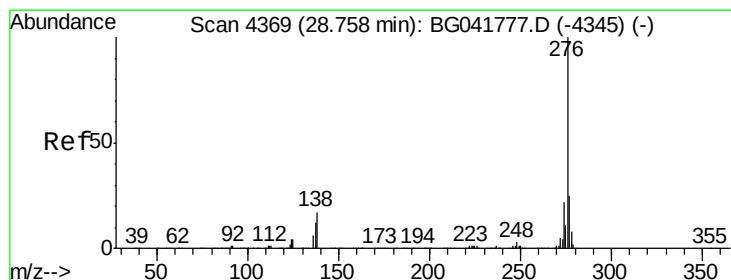
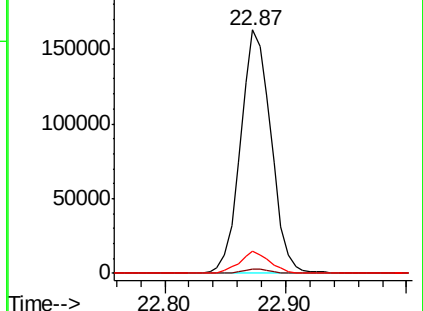
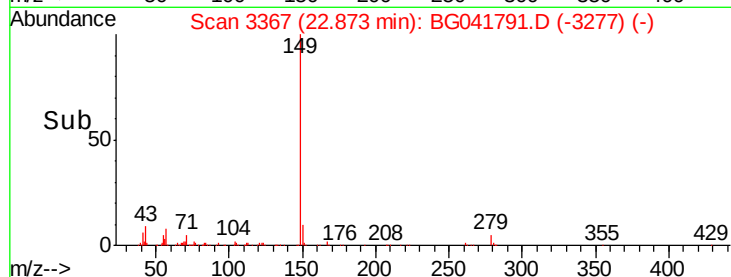
43 9.2 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.639 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.02 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

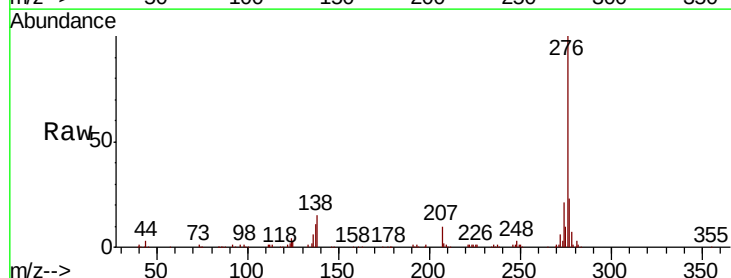
Tgt Ion:276 Resp: 391856

Ion Ratio Lower Upper

276 100

138 12.9 19.4 29.0#

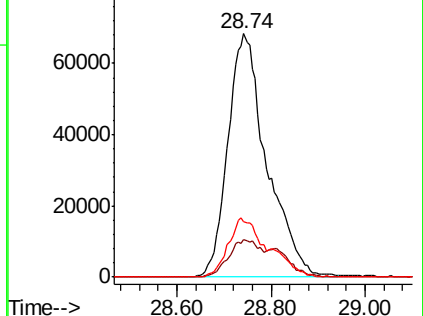
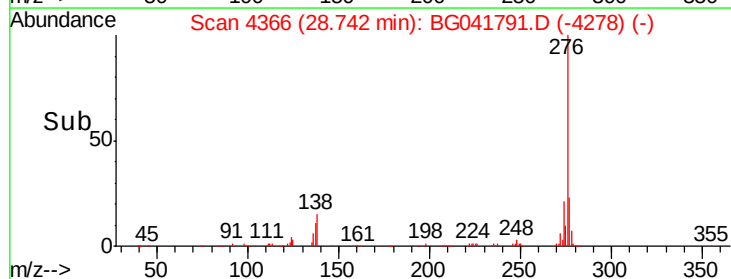
277 19.4 21.2 31.8#

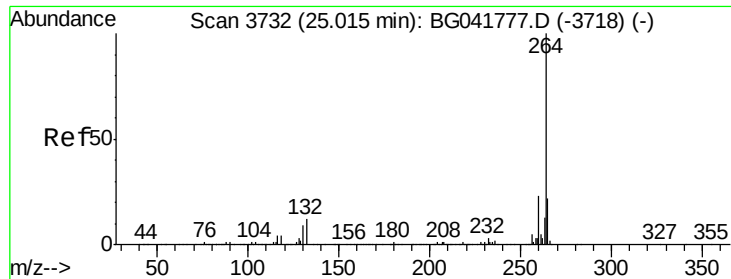


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

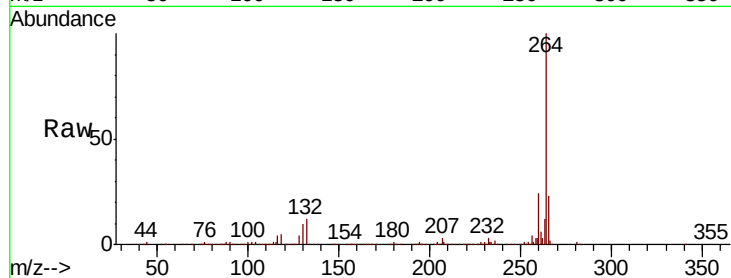
Tot Ion:264 Resp: 780237

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.2	18.0	27.0

264 100

260 24.2 19.5 29.3

265 23.2 18.0 27.0

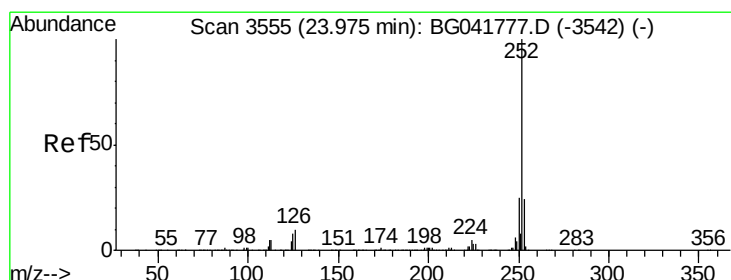
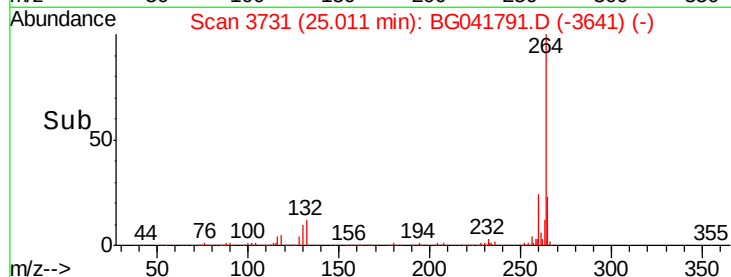
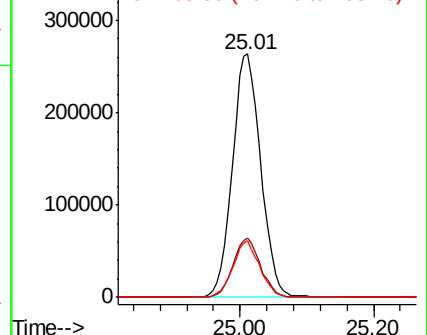


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.128 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

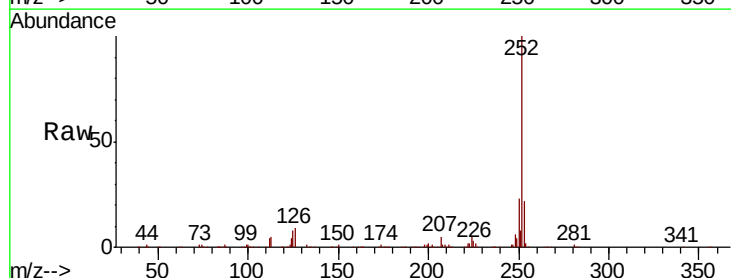
Tgt Ion:252 Resp: 346909

Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.6	30.8
125	8.2	8.0	12.0

252 100

253 21.6 20.6 30.8

125 8.2 8.0 12.0

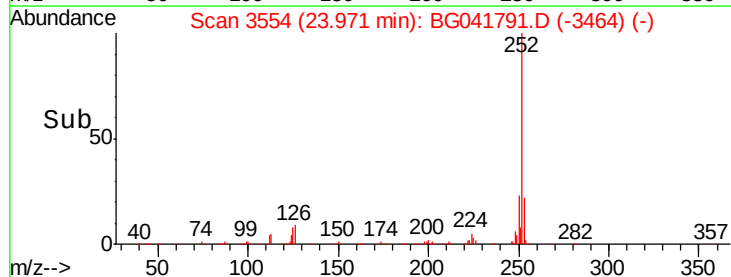
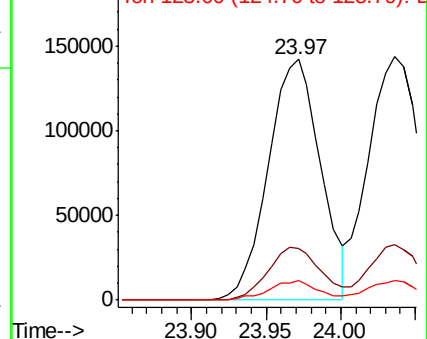


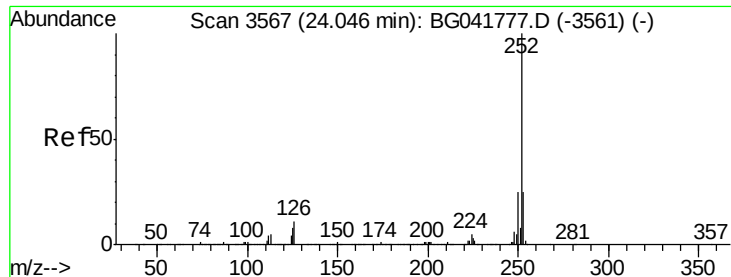
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.624 ng

RT: 24.04 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

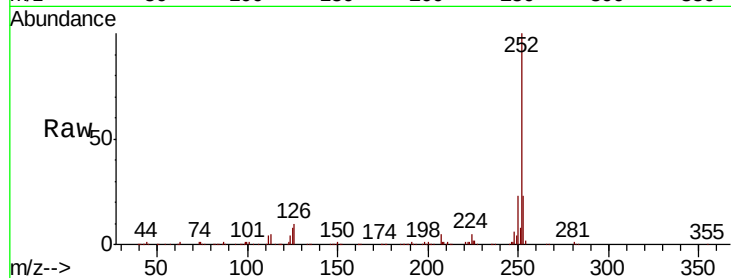
Tot Ion:252 Resp: 358566

Ion Ratio Lower Upper

252 100

253 22.6 20.5 30.7

125 7.9 8.4 12.6#

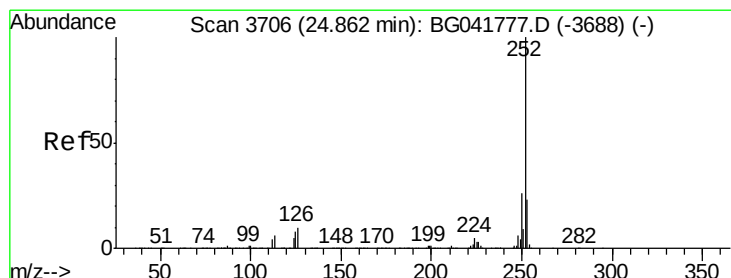
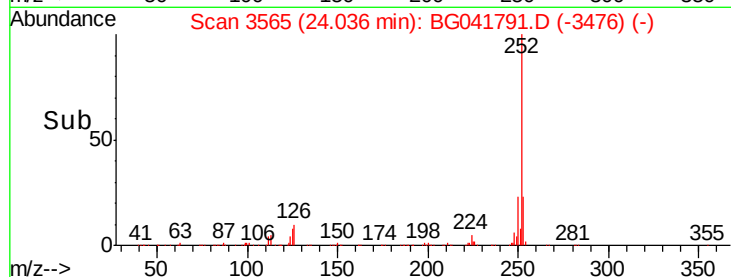
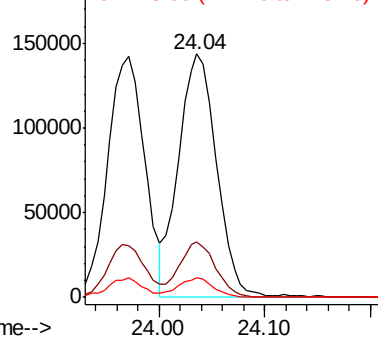


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 8.340 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

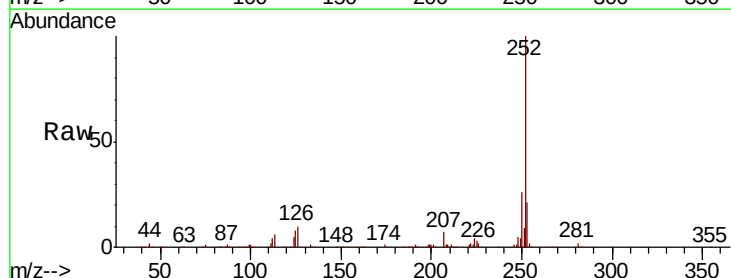
Tgt Ion:252 Resp: 341414

Ion Ratio Lower Upper

252 100

253 21.4 19.8 29.8

125 8.3 8.8 13.2#

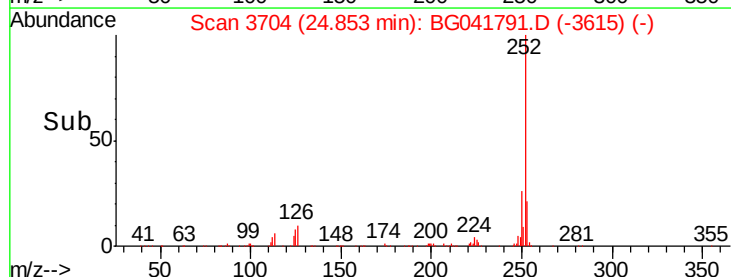
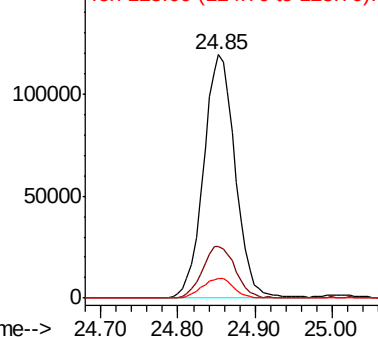


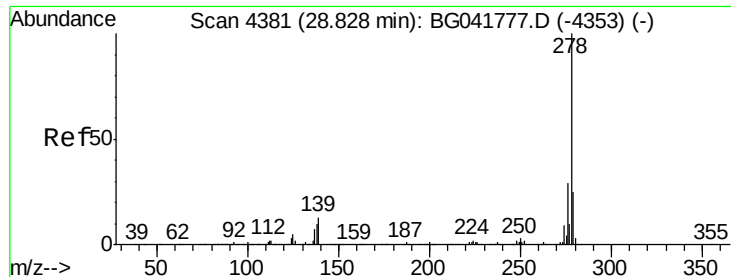
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

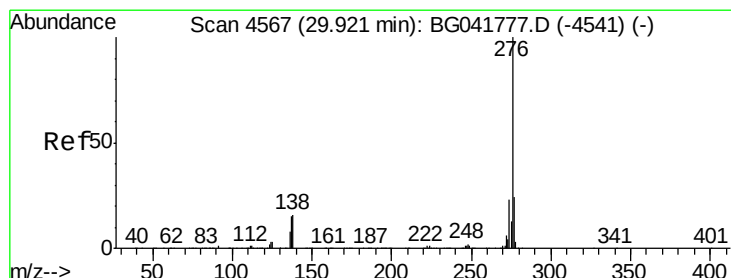
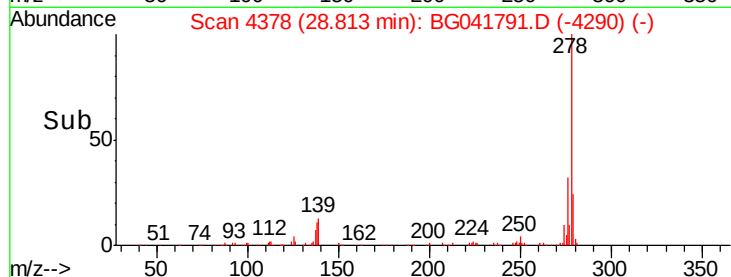
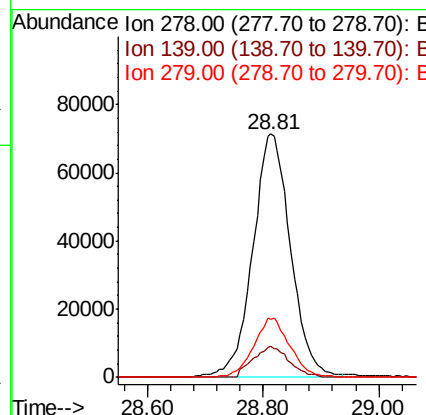
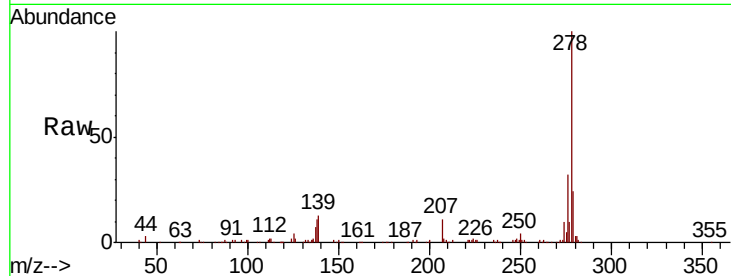




#91
Dibenzo(a,h)anthracene
Concen: 8.103 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.02 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	12.6	19.0
279	23.9	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 8.051 ng
RT: 29.90 min Scan# 4563
Delta R.T. -0.02 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	16.5	16.6	25.0#

