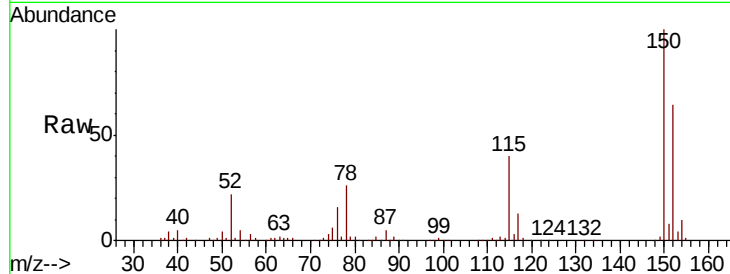


#1

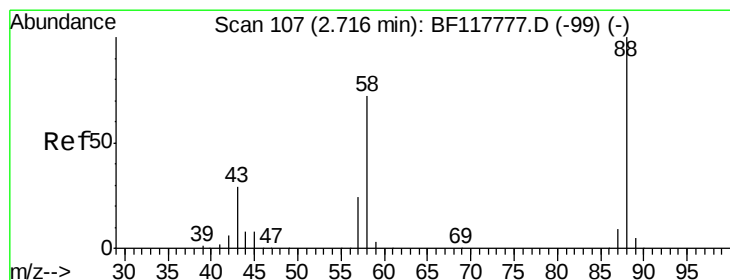
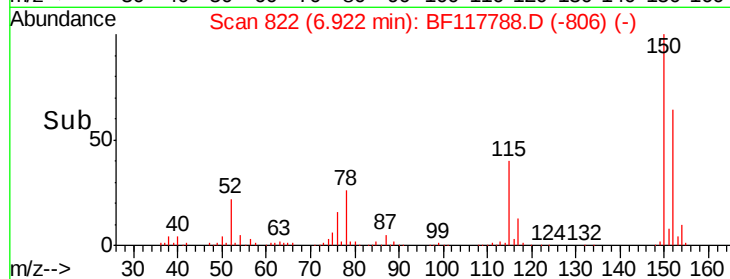
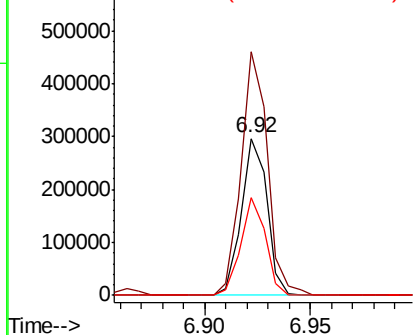
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:152 Resp: 247673  
Ion Ratio Lower Upper  
152 100  
150 155.1 125.3 187.9  
115 62.2 47.0 70.4



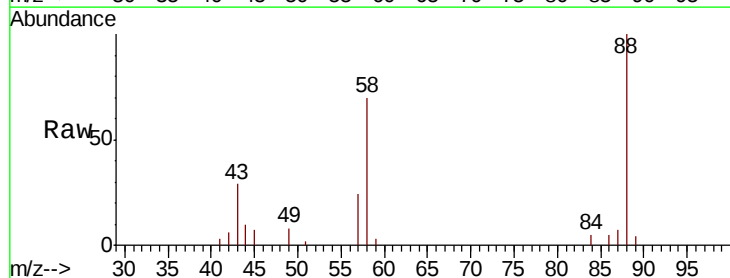
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



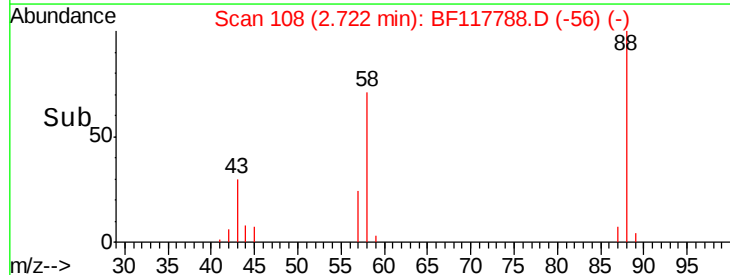
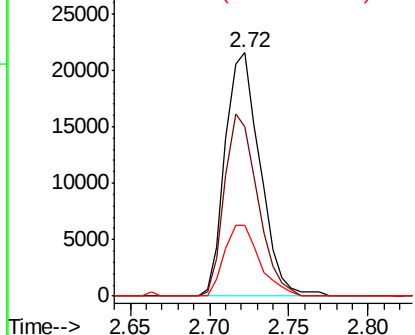
#2

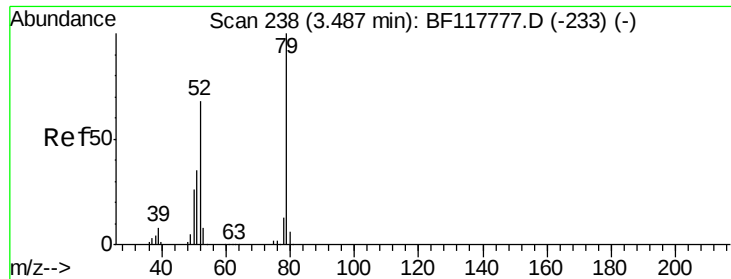
1,4-Dioxane  
Concen: 5.031 ng  
RT: 2.72 min Scan# 108  
Delta R.T. 0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion: 88 Resp: 32902  
Ion Ratio Lower Upper  
88 100  
58 71.1 58.2 87.2  
43 29.3 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 4.292 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.05 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

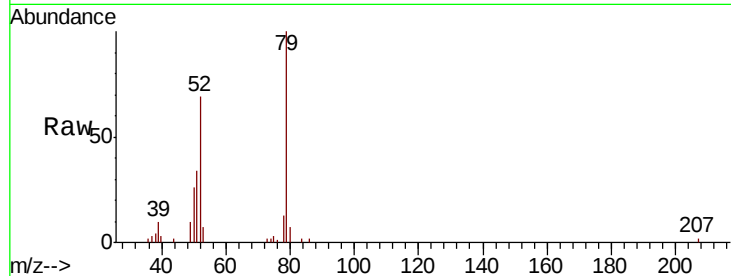
Tot Ion: 79 Resp: 73640

Ion Ratio Lower Upper

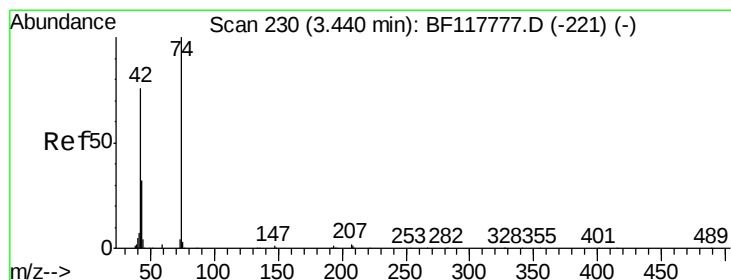
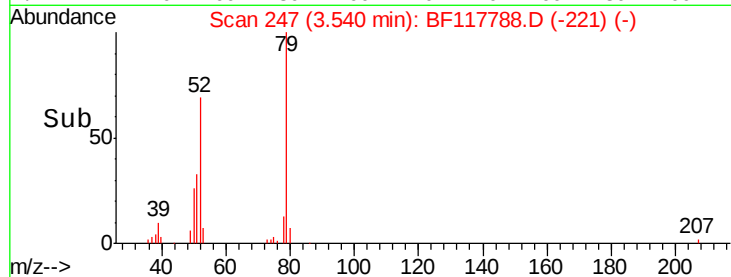
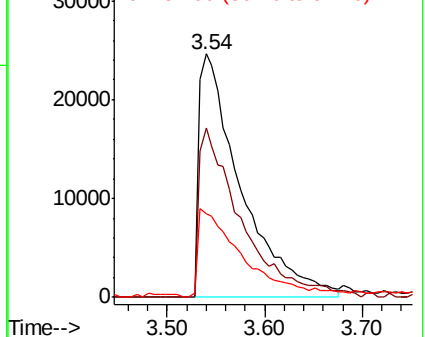
79 100

52 69.3 54.8 82.2

51 34.4 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 4.880 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

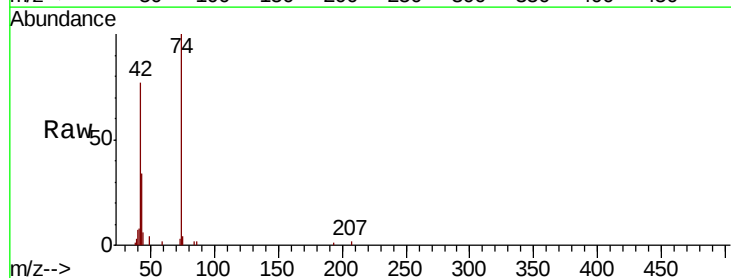
Tgt Ion: 42 Resp: 36545

Ion Ratio Lower Upper

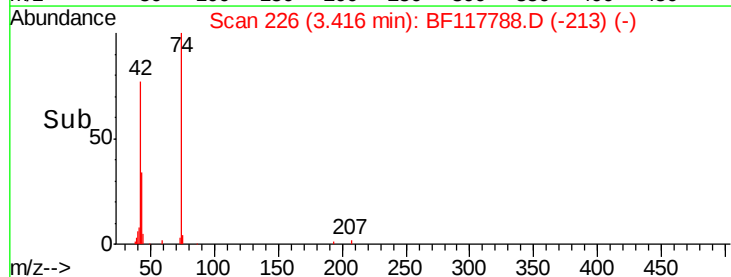
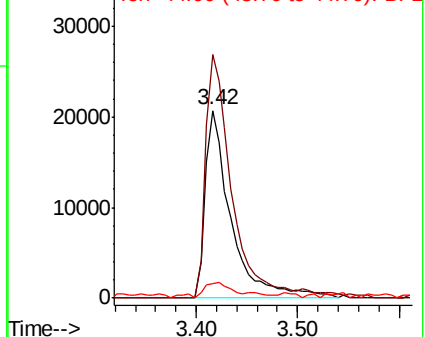
42 100

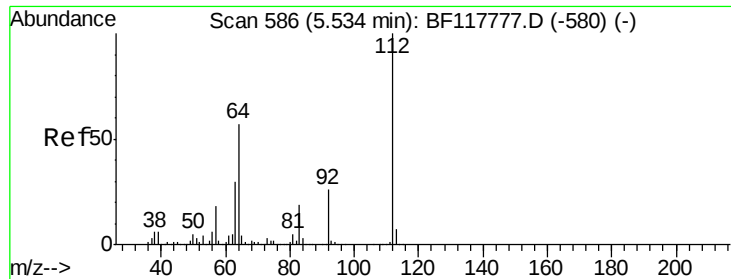
74 129.9 105.1 157.7

44 7.9 4.6 7.0#



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.490 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

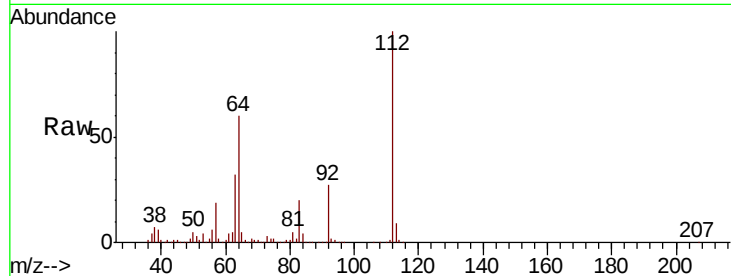
Tot Ion:112 Resp: 1895775

Ion Ratio Lower Upper

112 100

64 59.8 45.6 68.4

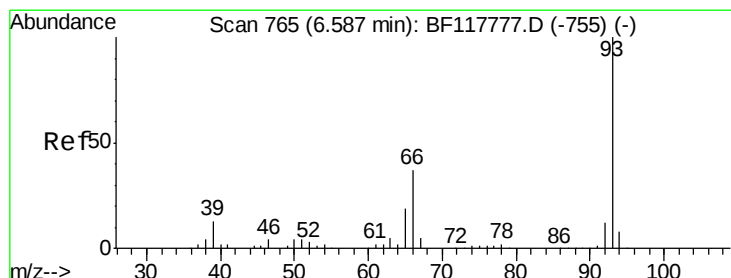
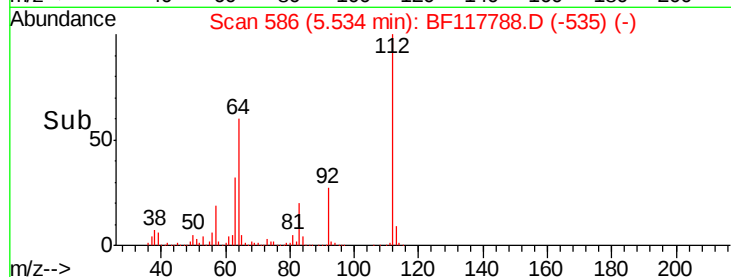
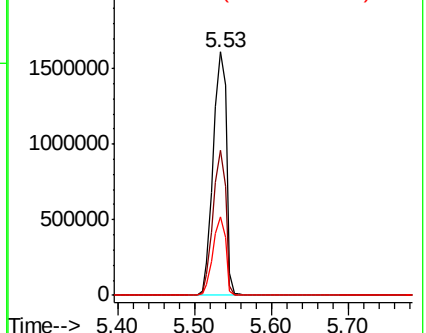
63 32.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.581 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

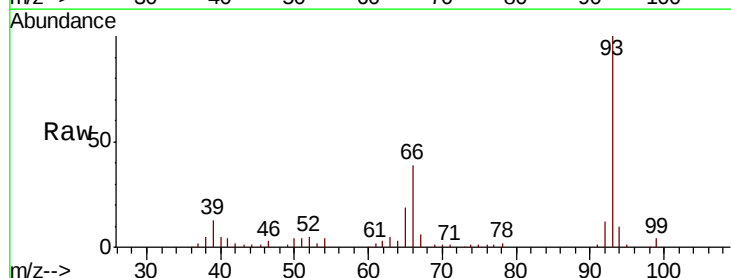
Tgt Ion: 93 Resp: 124459

Ion Ratio Lower Upper

93 100

66 38.5 30.6 45.8

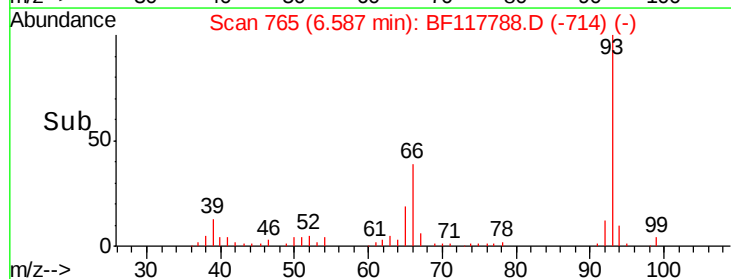
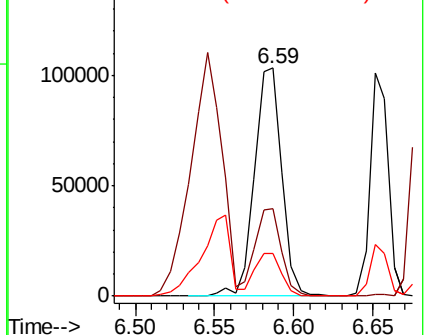
65 18.9 15.6 23.4

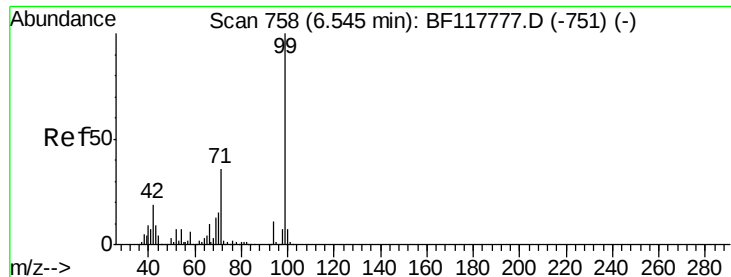


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.888 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

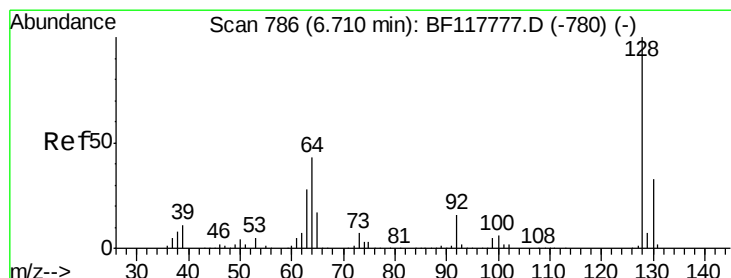
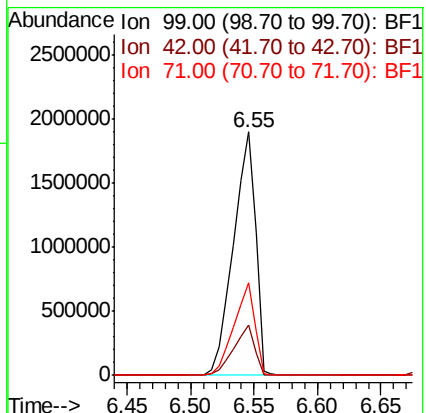
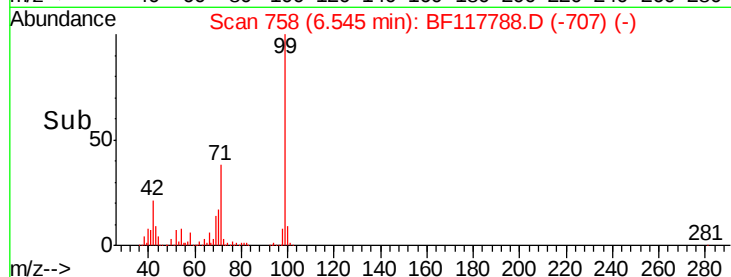
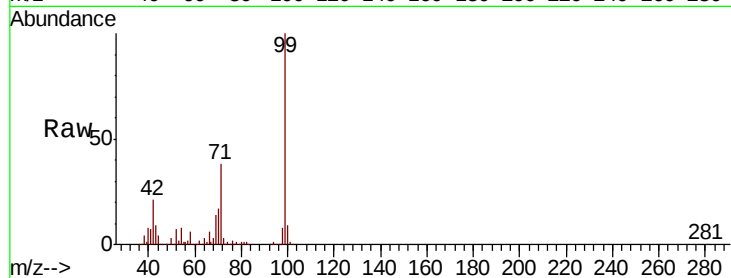
Tot Ion: 99 Resp: 2276457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.5  | 14.9  | 22.3  |
| 71  | 38.1  | 28.6  | 43.0  |

99 100

42 20.5 14.9 22.3

71 38.1 28.6 43.0



#8

2-Chlorophenol

Concen: 5.577 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

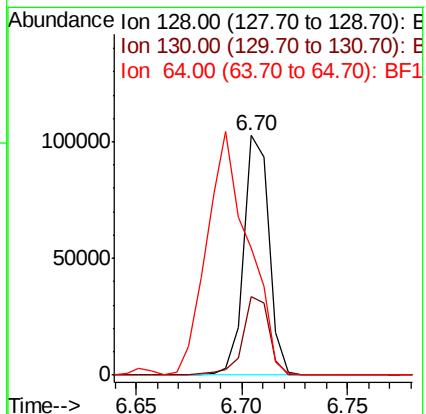
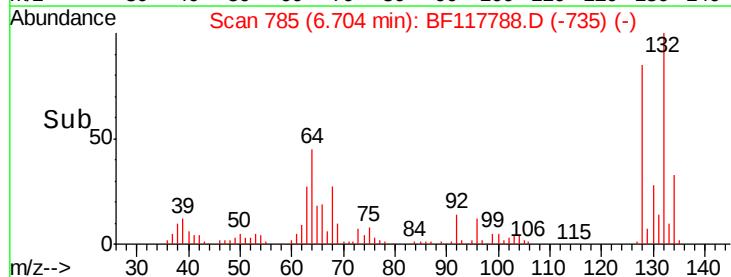
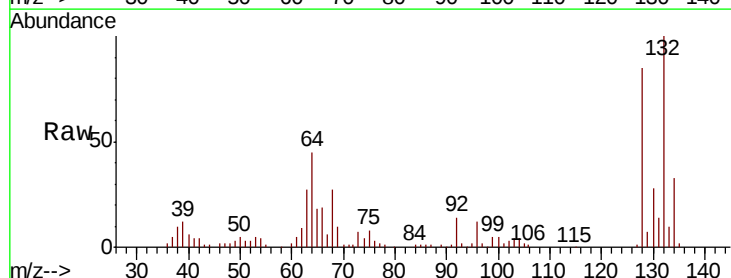
Tgt Ion: 128 Resp: 84667

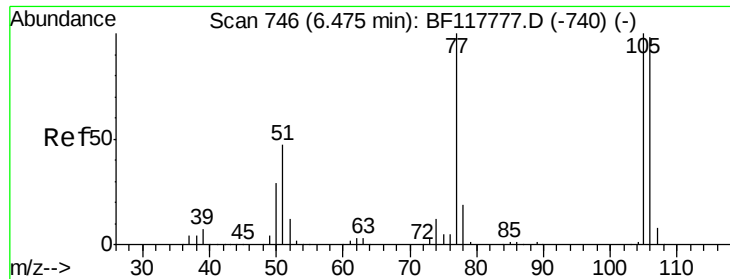
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 13.2  | 53.2  |
| 64  | 53.0  | 23.7  | 63.7  |

128 100

130 32.8 13.2 53.2

64 53.0 23.7 63.7





#9

Benzaldehyde

Concen: 6.750 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

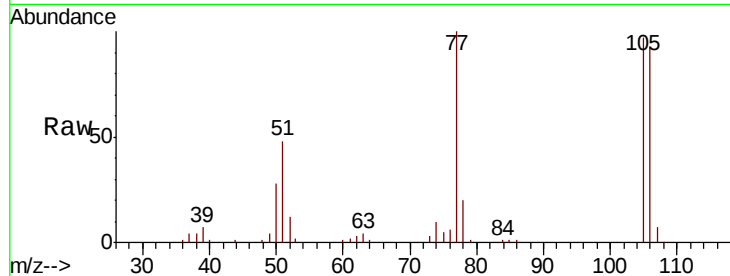
Tot Ion: 77 Resp: 71162

Ion Ratio Lower Upper

77 100

105 96.5 80.2 120.2

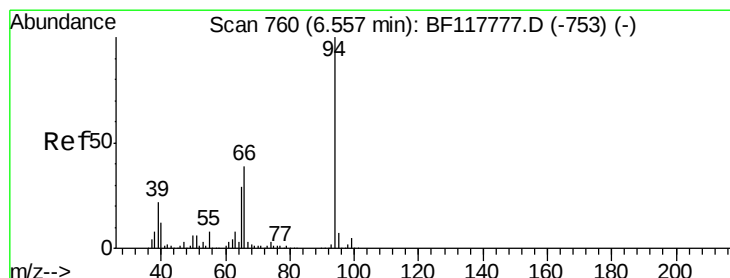
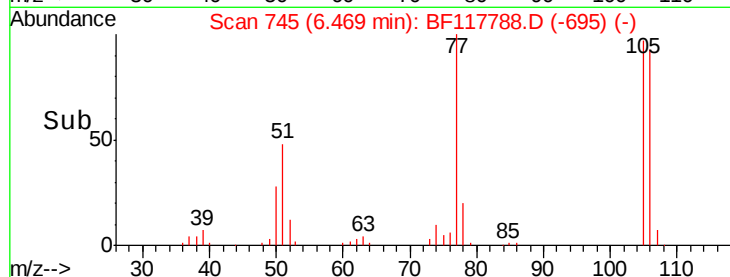
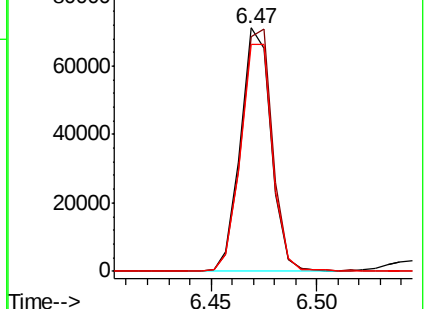
106 93.2 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 5.407 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

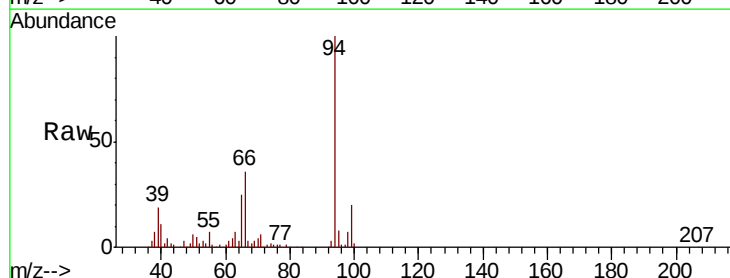
Tgt Ion: 94 Resp: 94822

Ion Ratio Lower Upper

94 100

65 24.8 8.9 48.9

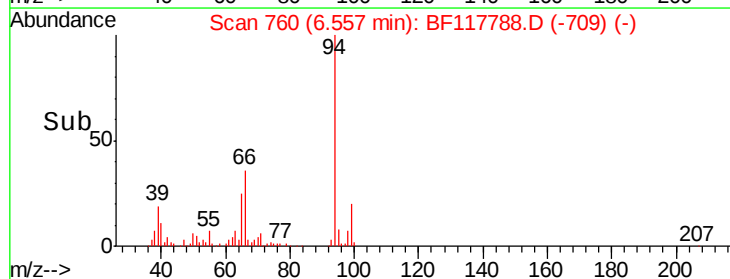
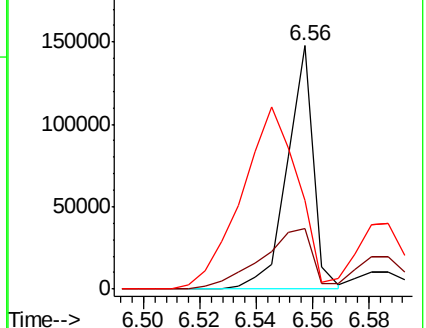
66 36.2 18.7 58.7

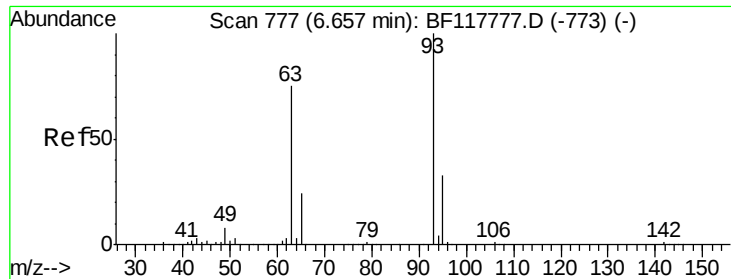


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

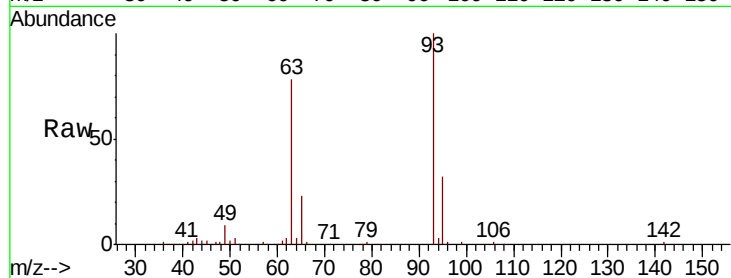




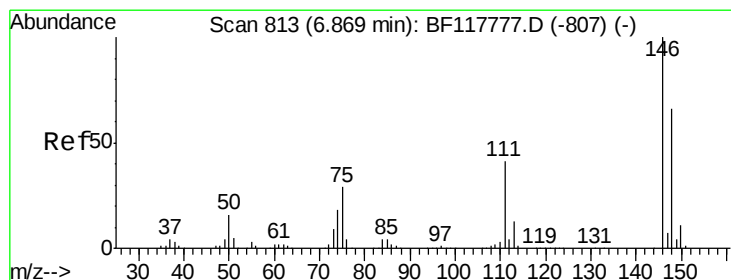
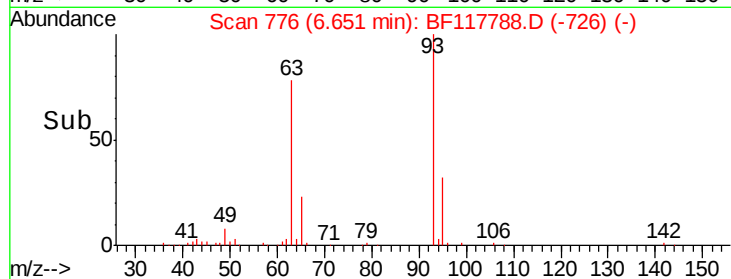
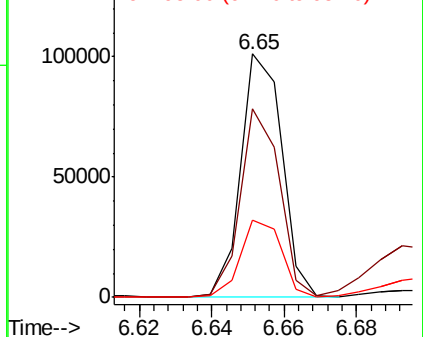
#11  
bis(2-Chloroethyl)ether  
Concen: 5.671 ng  
RT: 6.65 min Scan# 776  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.6  | 54.8  | 94.8  |
| 95      | 31.8  | 12.7  | 52.7  |

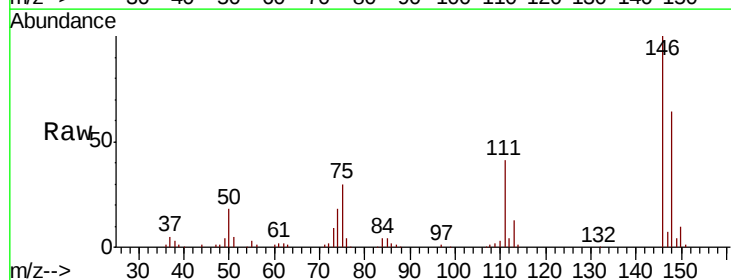


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

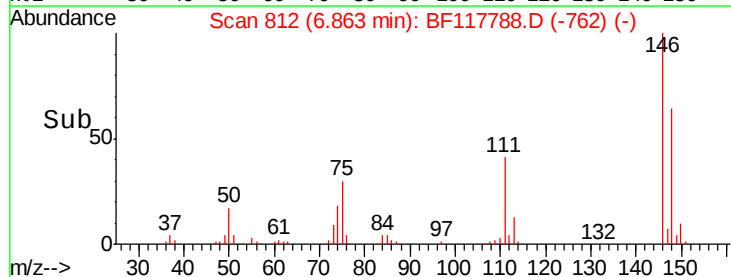
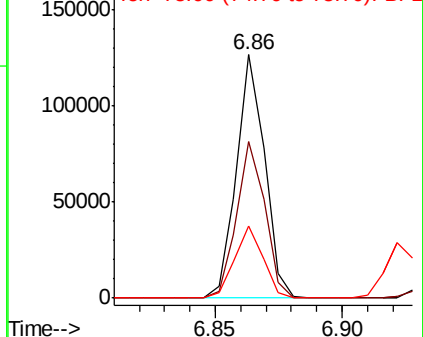


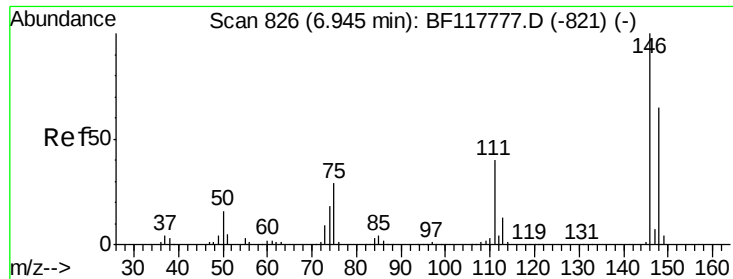
#12  
1,3-Dichlorobenzene  
Concen: 5.458 ng  
RT: 6.86 min Scan# 812  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 52.8  | 79.2  |
| 75      | 29.8  | 23.4  | 35.0  |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

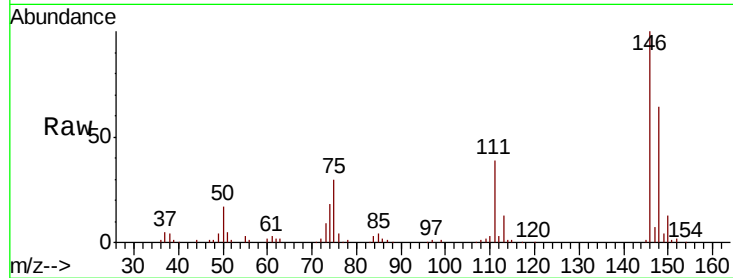




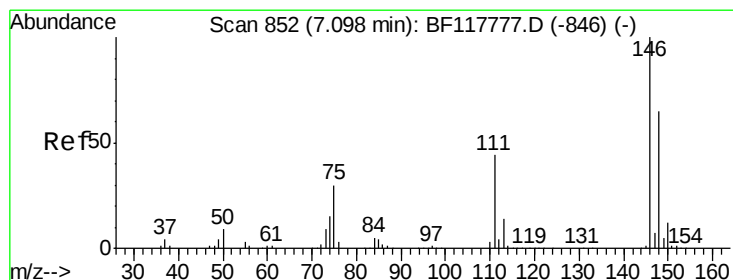
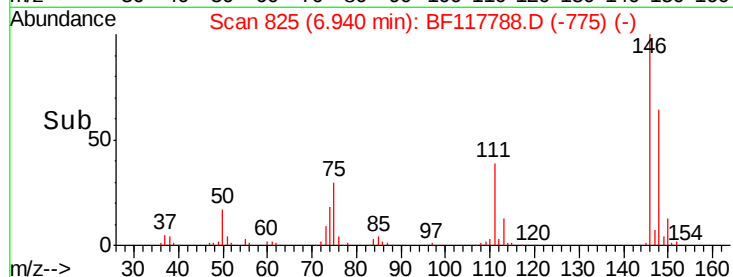
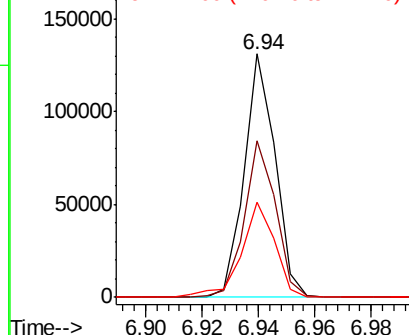
#13  
 1,4-Dichlorobenzene  
 Concen: 5.508 ng  
 RT: 6.94 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Tot Ion:146 Resp: 99516  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 52.3 78.5  
 111 38.9 32.2 48.4

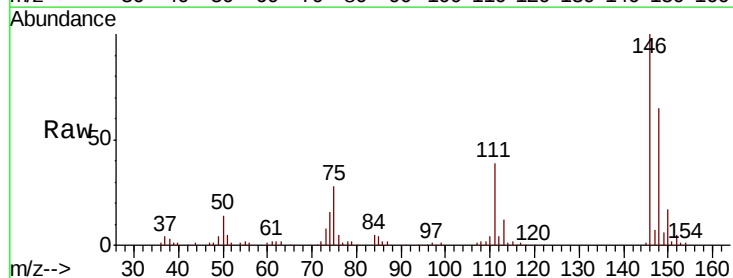


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

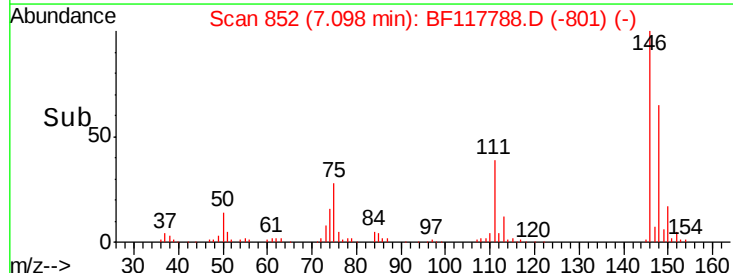
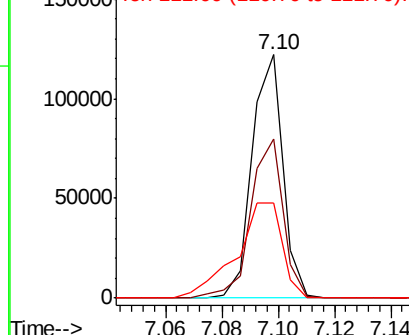


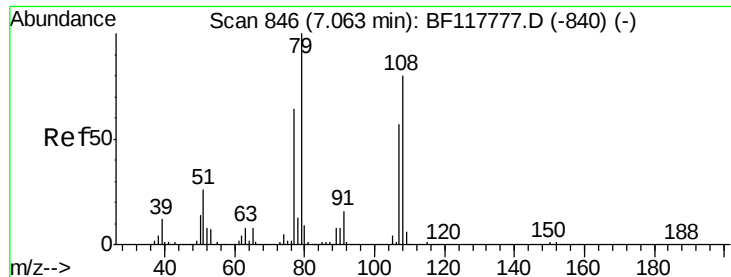
#14  
 1,2-Dichlorobenzene  
 Concen: 5.344 ng  
 RT: 7.10 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Tgt Ion:146 Resp: 92340  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 51.8 77.8  
 111 39.0 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.353 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

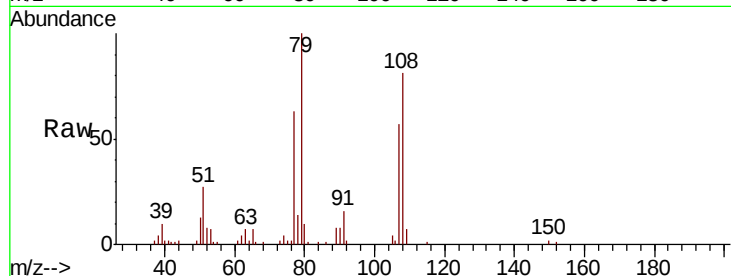
Tot Ion: 79 Resp: 56719

Ion Ratio Lower Upper

79 100

108 80.8 64.1 96.1

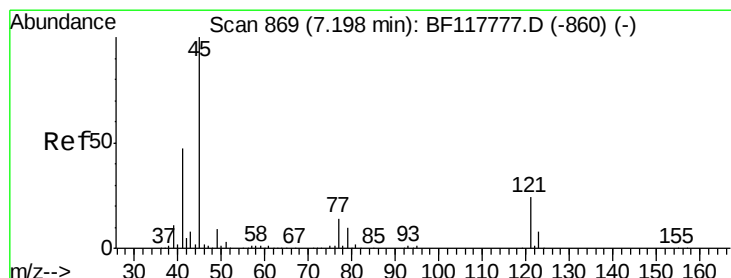
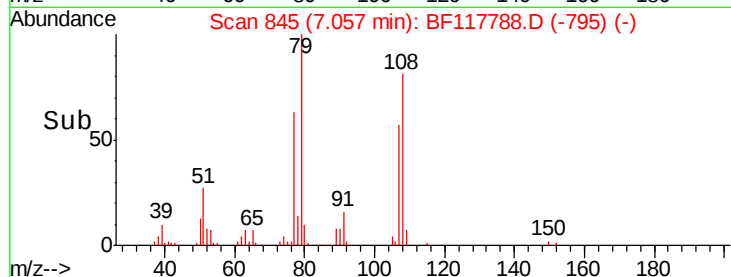
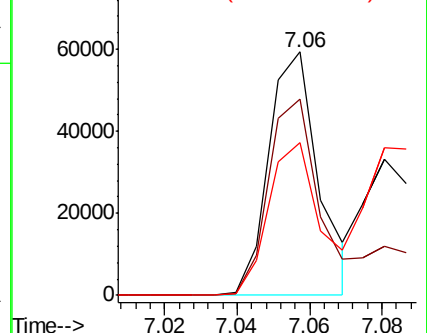
77 62.7 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.203 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

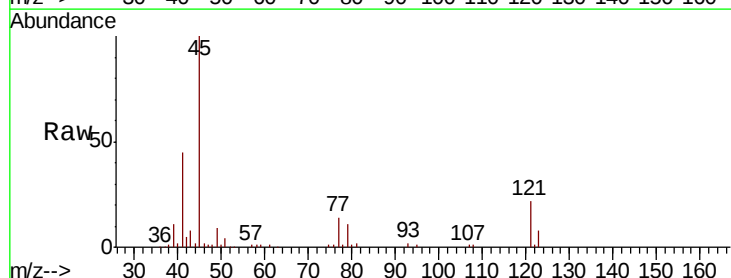
Tgt Ion: 45 Resp: 112818

Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.0

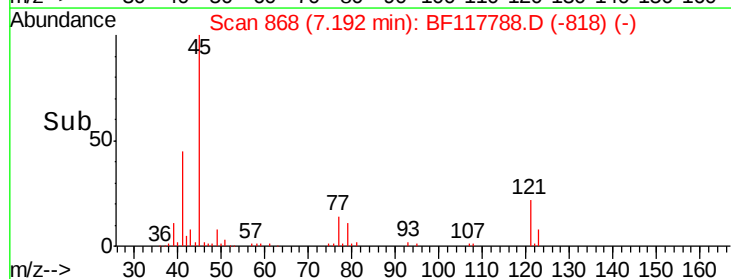
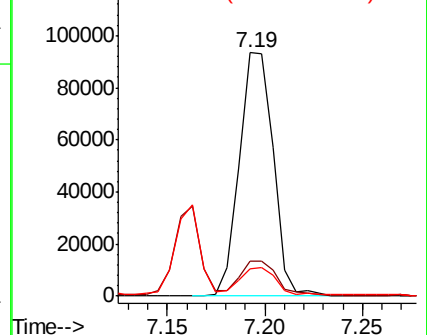
79 11.1 0.0 31.1

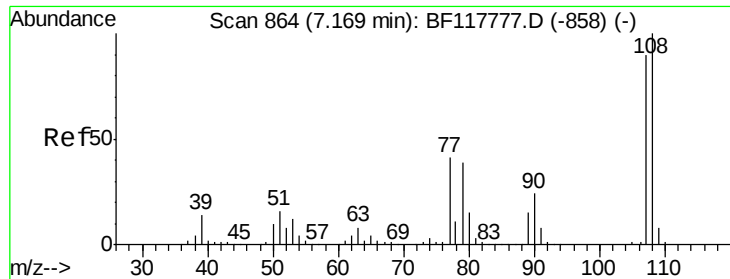


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

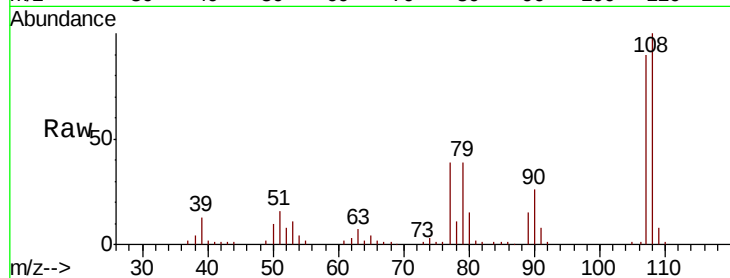




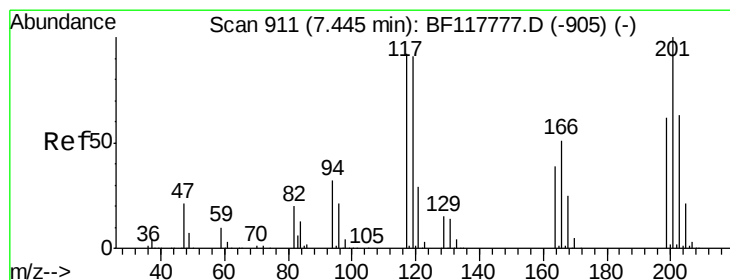
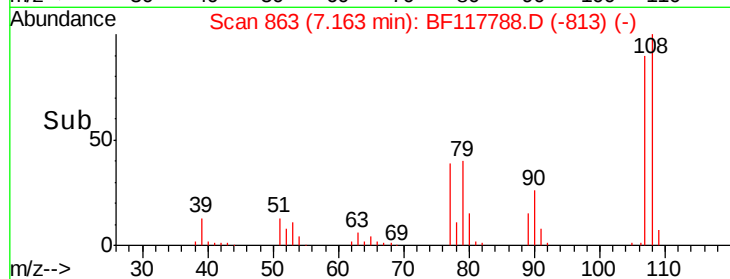
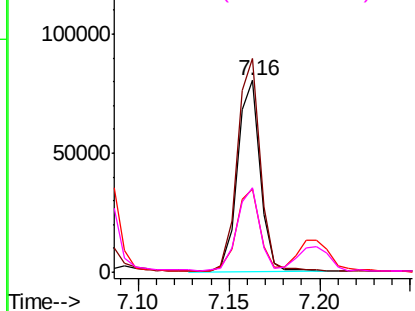
#17  
2-Methylphenol  
Concen: 5.428 ng  
RT: 7.16 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:107 Resp: 69794  
Ion Ratio Lower Upper  
107 100  
108 111.4 89.1 133.7  
77 43.1 36.6 54.8  
79 43.8 35.2 52.8

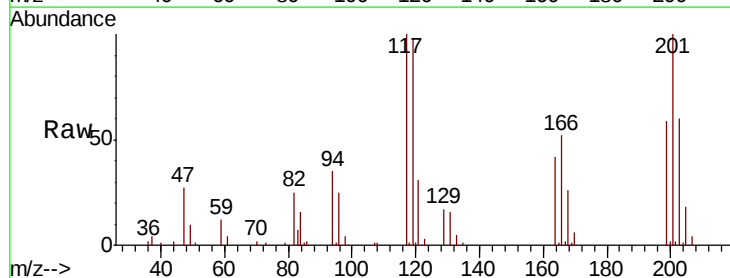


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

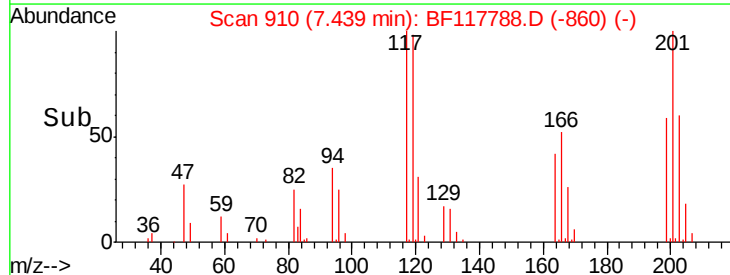
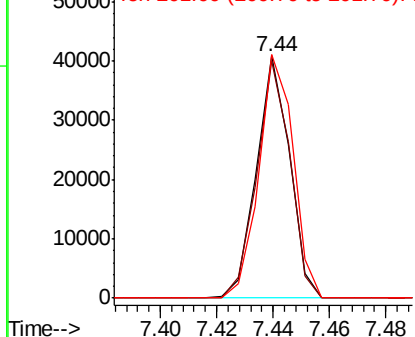


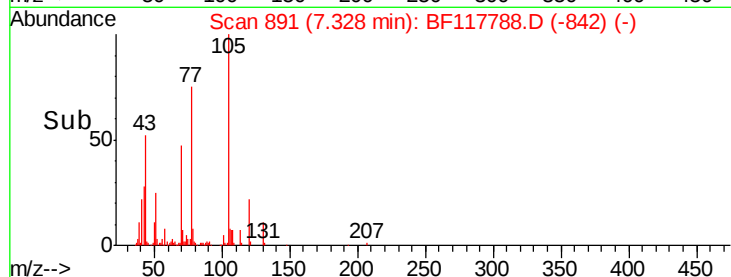
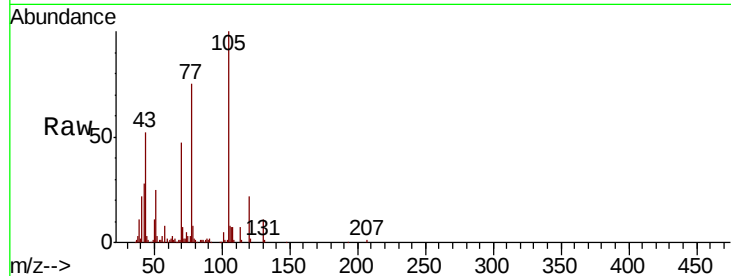
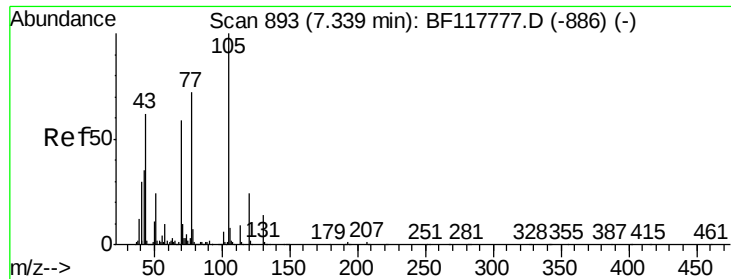
#18  
Hexachloroethane  
Concen: 5.021 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:117 Resp: 33322  
Ion Ratio Lower Upper  
117 100  
119 98.0 78.7 118.1  
201 102.8 86.5 129.7



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

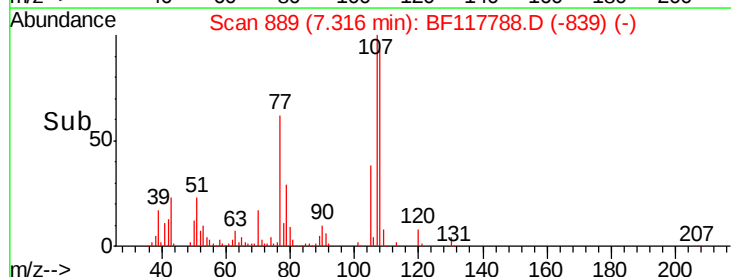
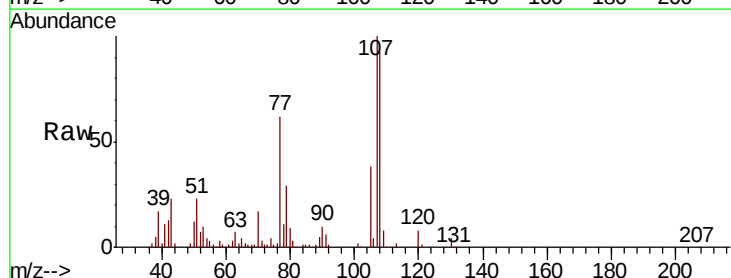
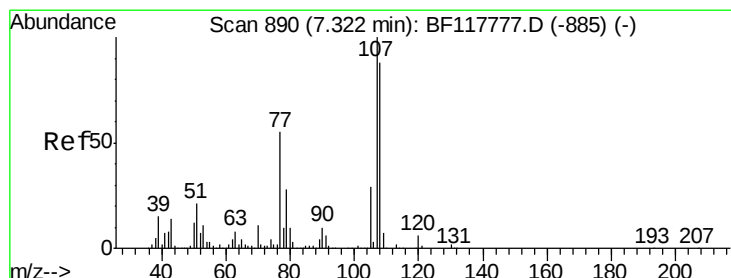
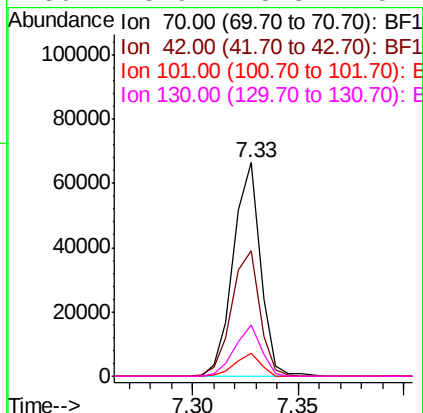




#19  
n-Nitroso-di-n-propylamine  
Concen: 5.682 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

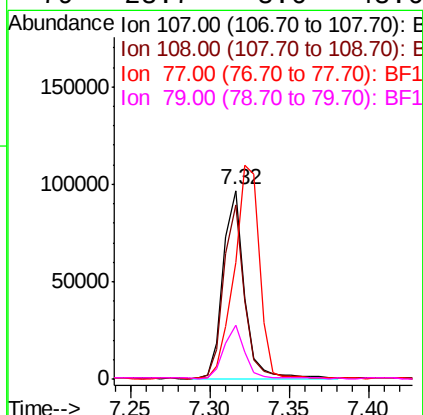
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

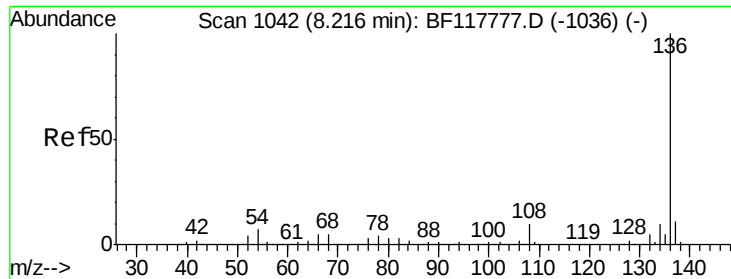
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 59163 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 58.9  | 47.4  | 71.2  |
| 101      | 10.8  | 8.4   | 12.6  |
| 130      | 23.9  | 18.8  | 28.2  |



#20  
3+4-Methylphenols  
Concen: 5.723 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 91333 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 92.7  | 68.4  | 108.4 |
| 77       | 61.6  | 35.2  | 75.2  |
| 79       | 28.7  | 8.6   | 48.6  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:136 Resp: 973197

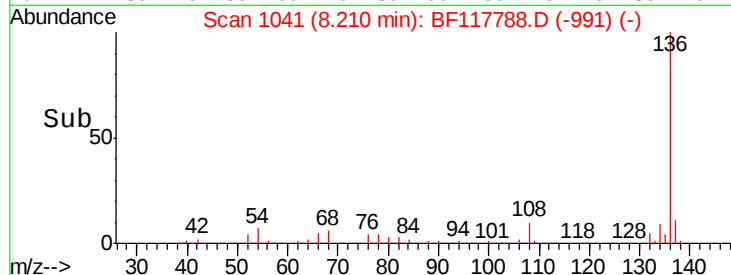
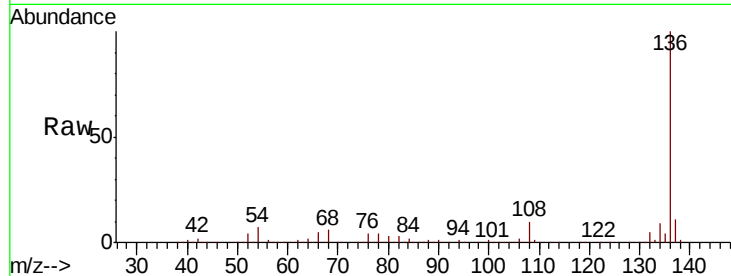
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.3 5.4 8.2

68 5.6 4.3 6.5

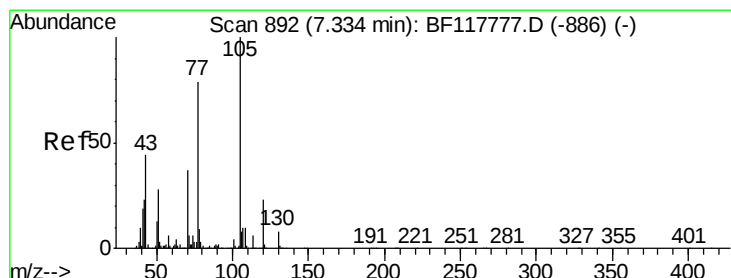
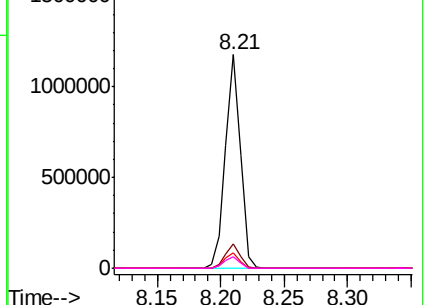


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 5.664 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Tgt Ion:105 Resp: 123832

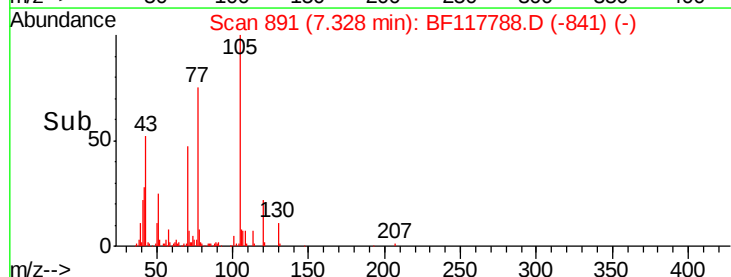
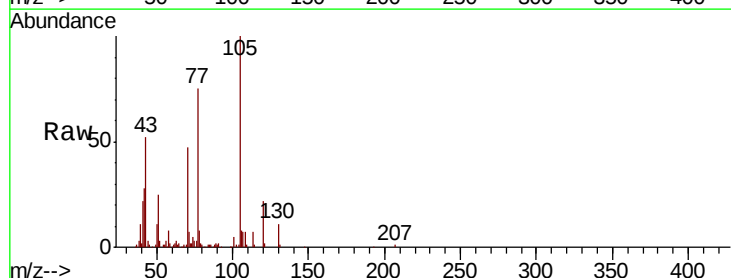
Ion Ratio Lower Upper

105 100

71 7.2 4.9 7.3

51 25.1 22.7 34.1

120 22.2 18.5 27.7

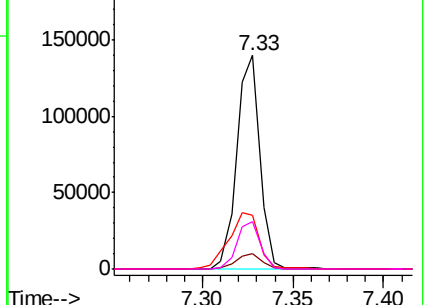


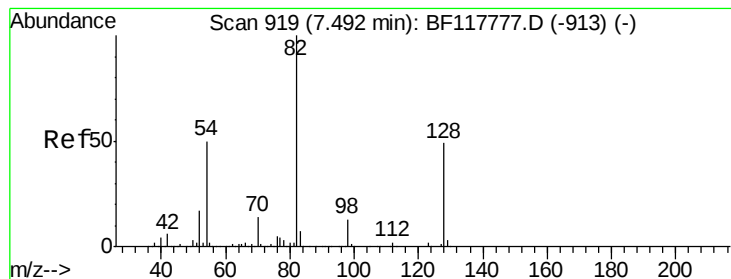
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 102.087 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

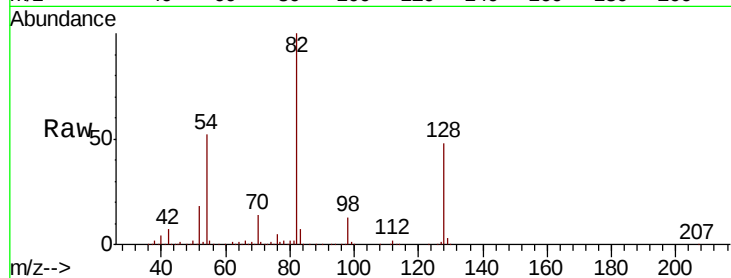
Tot Ion: 82 Resp: 1671281

Ion Ratio Lower Upper

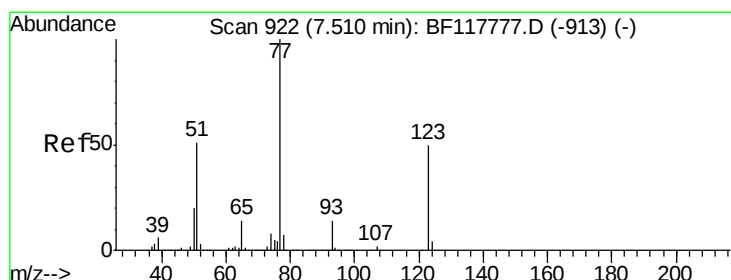
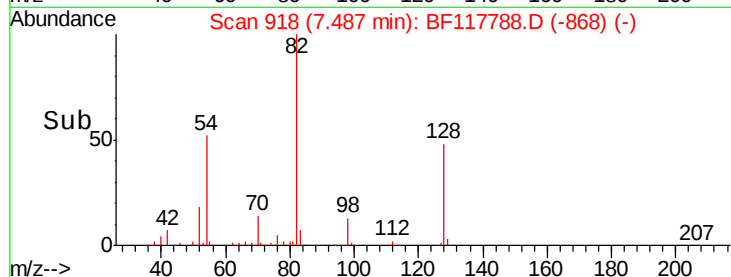
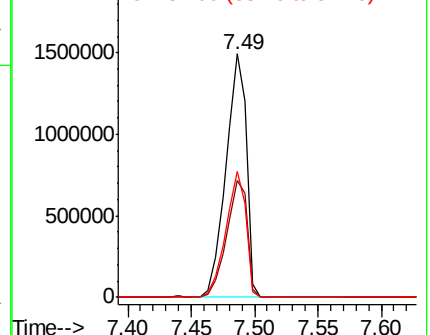
82 100

128 48.1 38.9 58.3

54 51.9 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 5.702 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

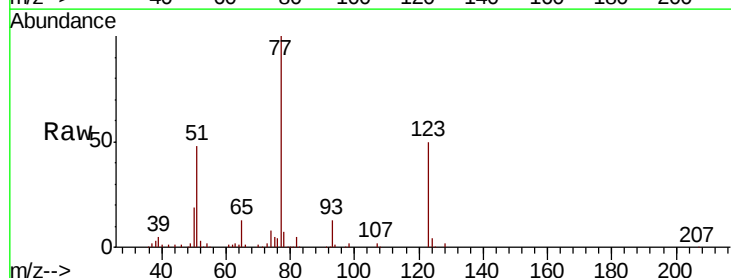
Tgt Ion: 77 Resp: 96296

Ion Ratio Lower Upper

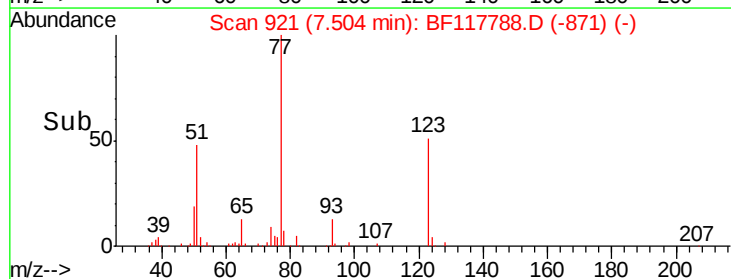
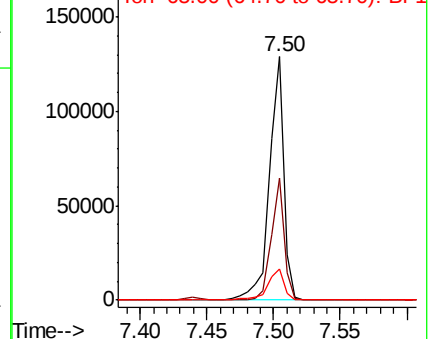
77 100

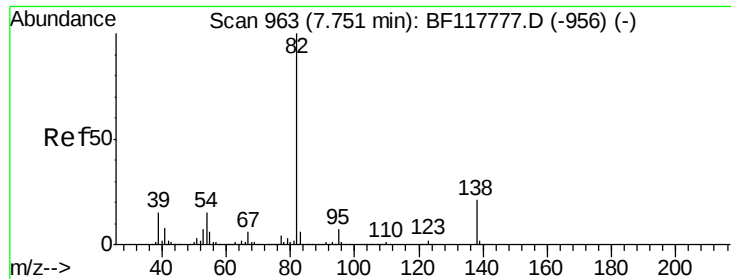
123 50.4 40.3 60.5

65 12.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 5.396 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

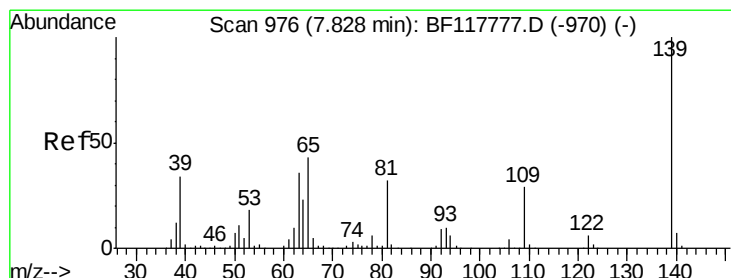
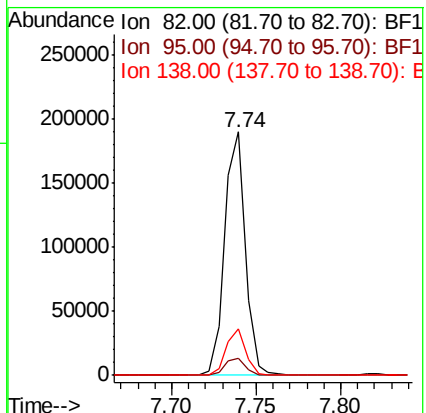
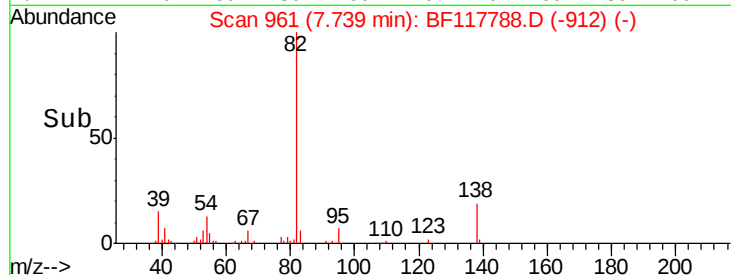
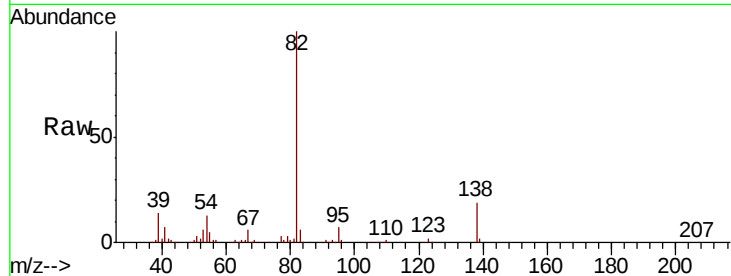
Tot Ion: 82 Resp: 161926

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 19.3 16.5 24.7



#26

2-Nitrophenol

Concen: 4.886 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

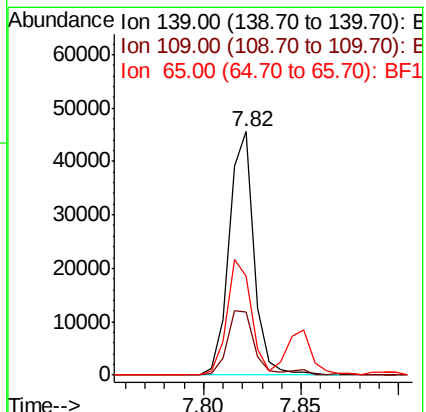
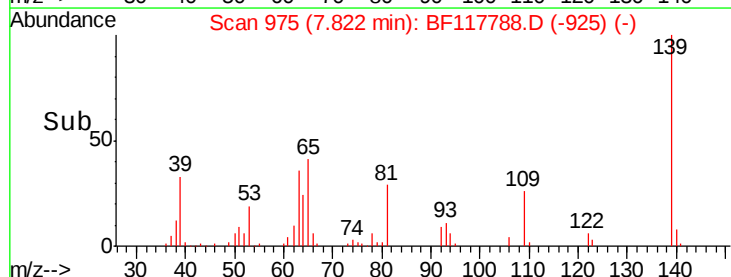
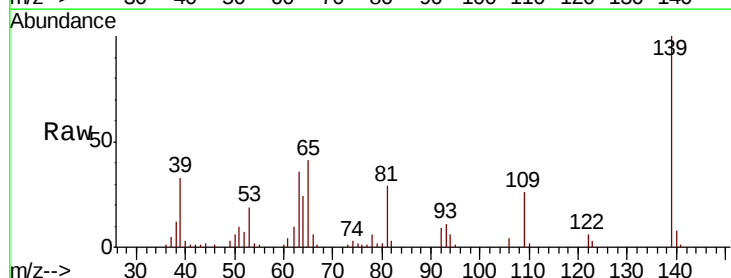
Tgt Ion: 139 Resp: 40165

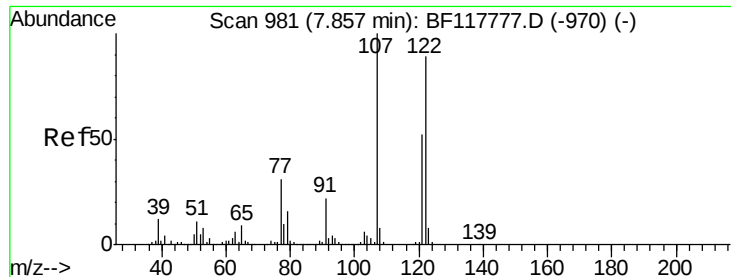
Ion Ratio Lower Upper

139 100

109 25.9 23.0 34.4

65 40.7 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 5.799 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

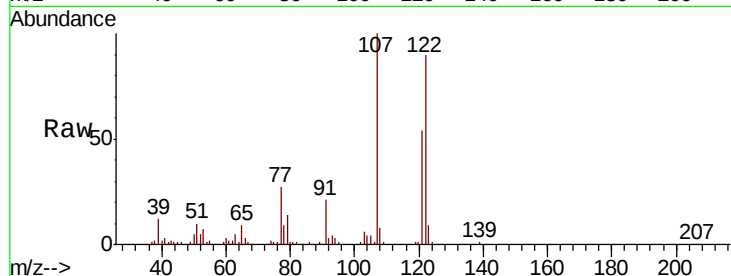
Tot Ion:122 Resp: 74077

Ion Ratio Lower Upper

122 100

107 110.5 90.0 135.0

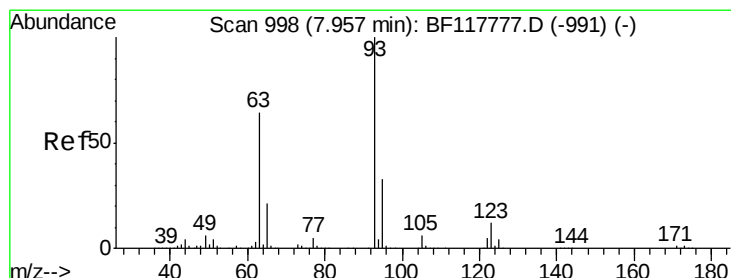
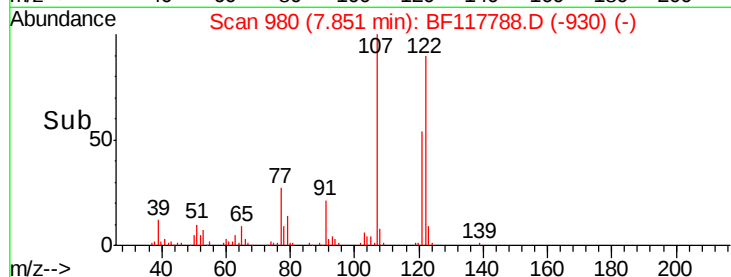
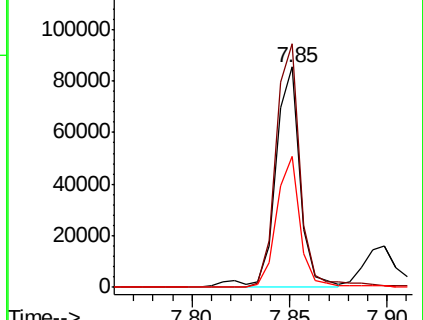
121 59.3 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.291 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

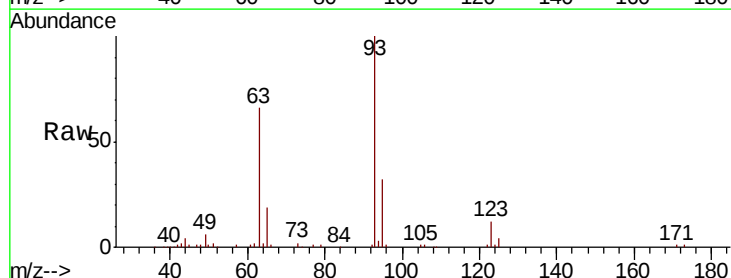
Tgt Ion: 93 Resp: 100736

Ion Ratio Lower Upper

93 100

95 31.9 26.6 40.0

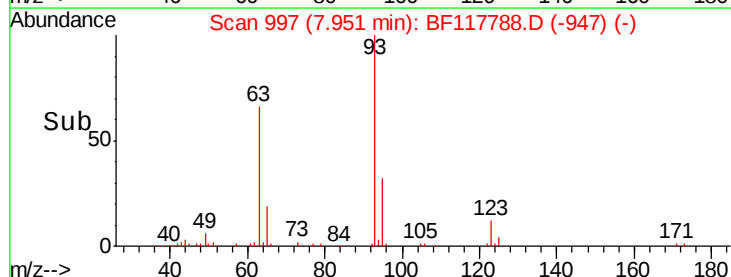
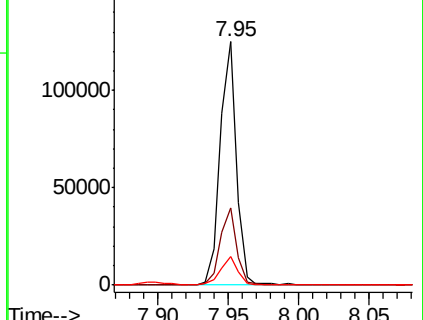
123 11.8 10.3 15.5

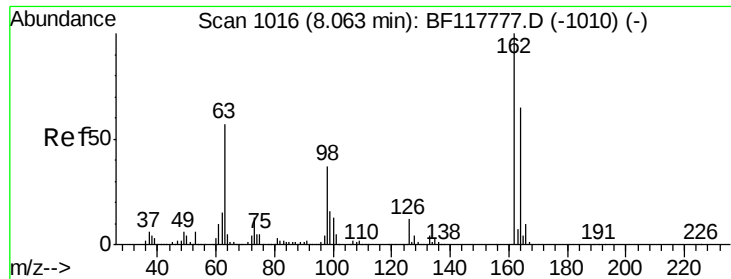


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

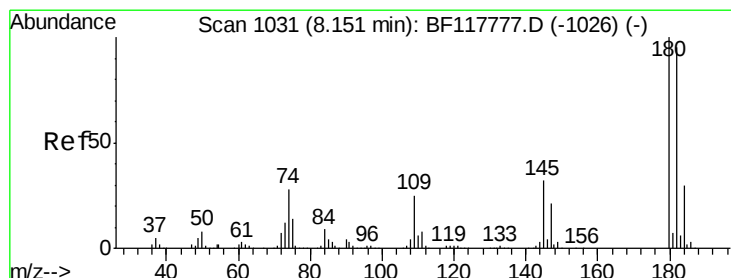
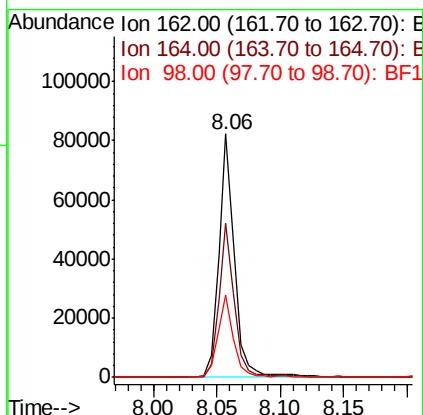
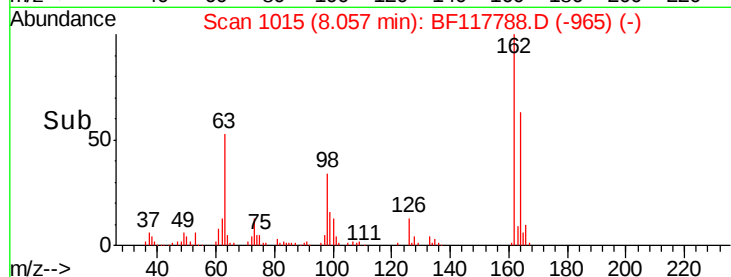
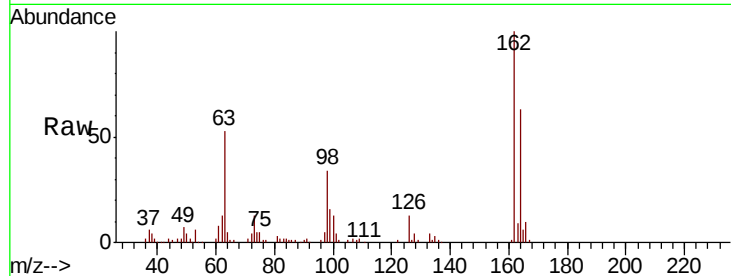




#29  
2,4-Dichlorophenol  
Concen: 5.181 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

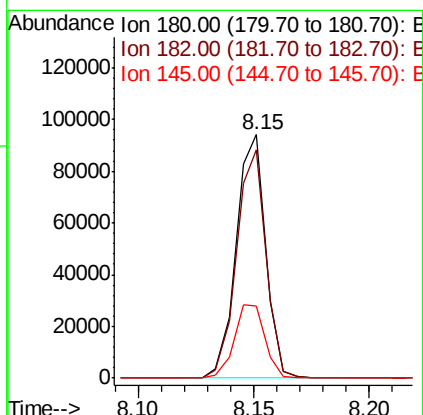
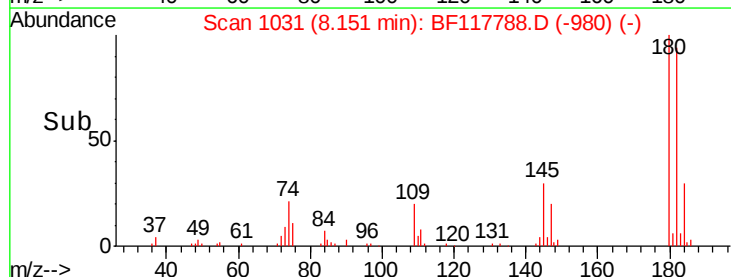
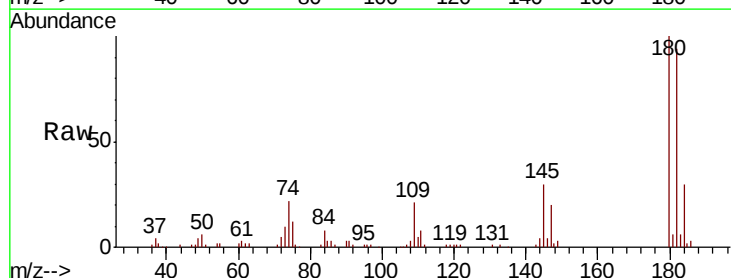
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

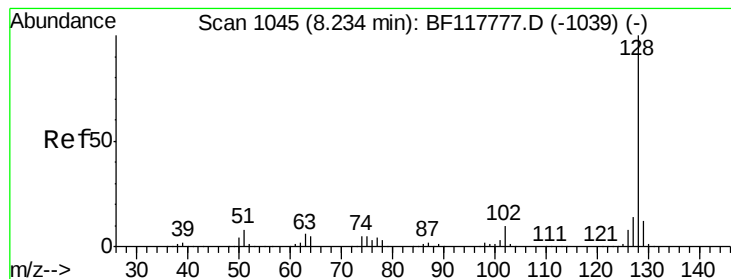
Tot Ion:162 Resp: 71782  
Ion Ratio Lower Upper  
162 100  
164 63.2 45.1 85.1  
98 34.1 17.2 57.2



#30  
1,2,4-Trichlorobenzene  
Concen: 5.196 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:180 Resp: 83502  
Ion Ratio Lower Upper  
180 100  
182 93.7 75.8 113.6  
145 29.8 25.5 38.3





#31

Naphthalene

Concen: 5.873 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

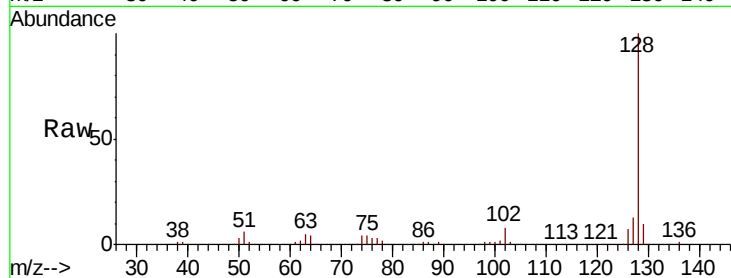
Tot Ion:128 Resp: 266433

Ion Ratio Lower Upper

128 100

129 10.4 9.5 14.3

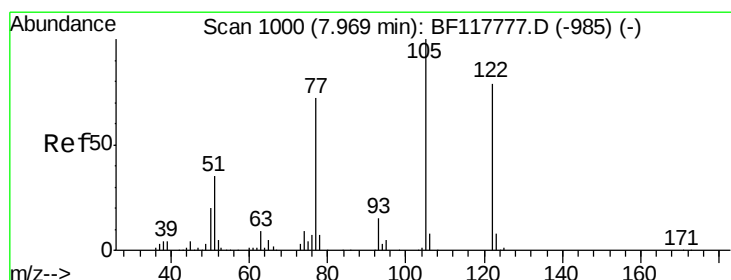
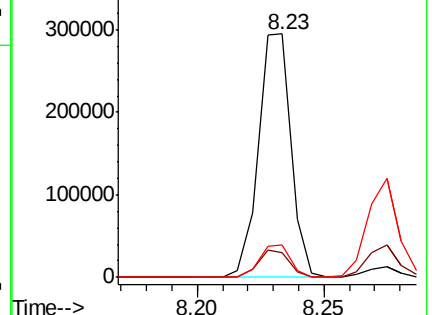
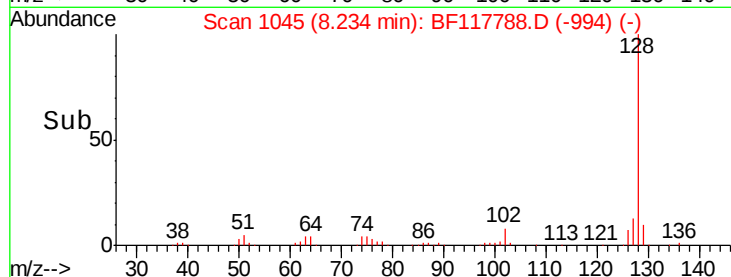
127 13.1 11.3 16.9



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: 2.255 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.07 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

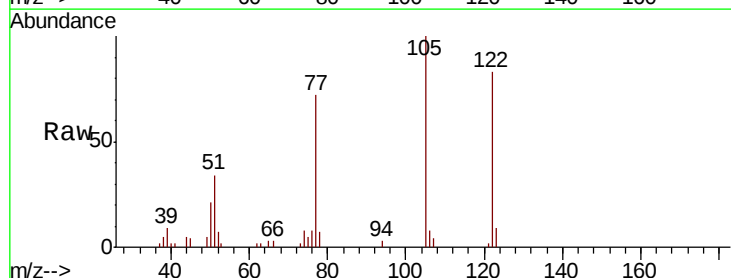
Tgt Ion:122 Resp: 24122

Ion Ratio Lower Upper

122 100

105 120.9 102.7 142.7

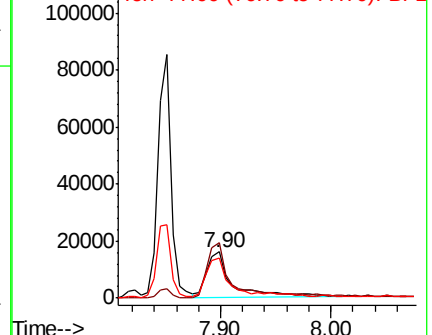
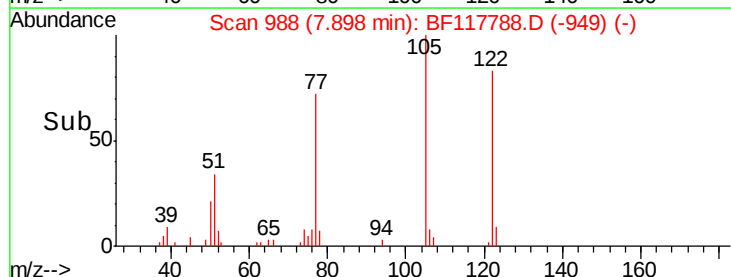
77 86.8 70.5 110.5

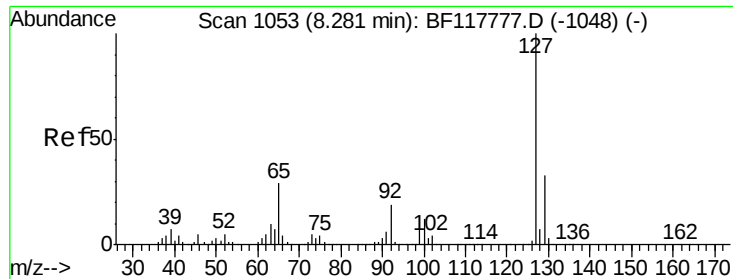


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

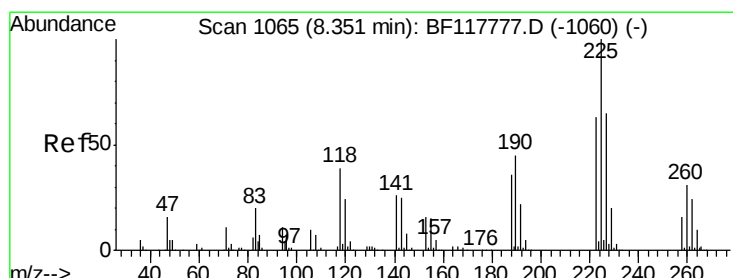
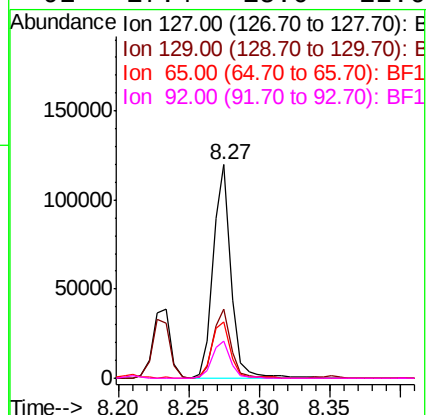
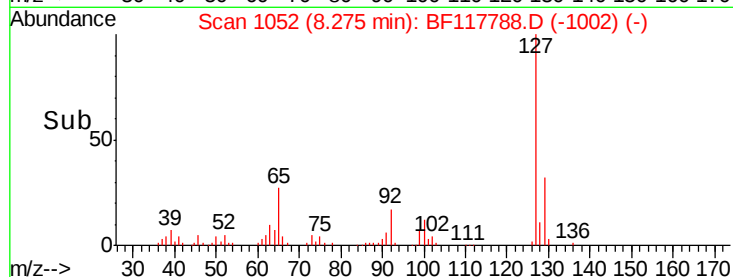
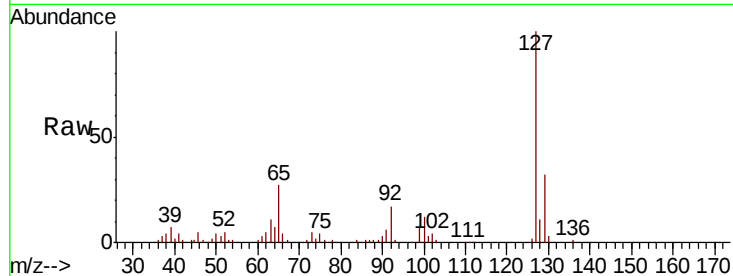




#33  
4-Chloroaniline  
Concen: 5.191 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

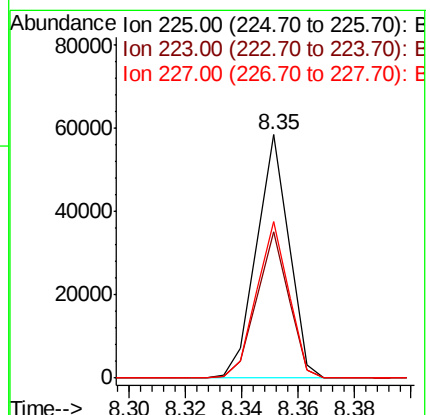
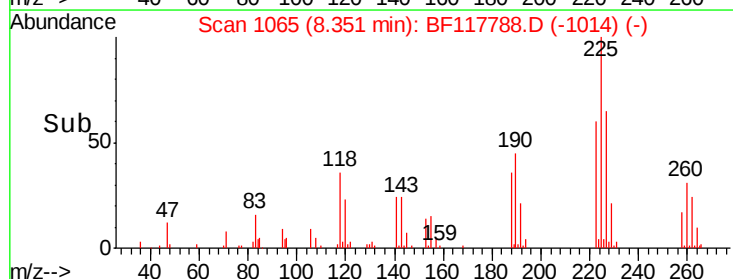
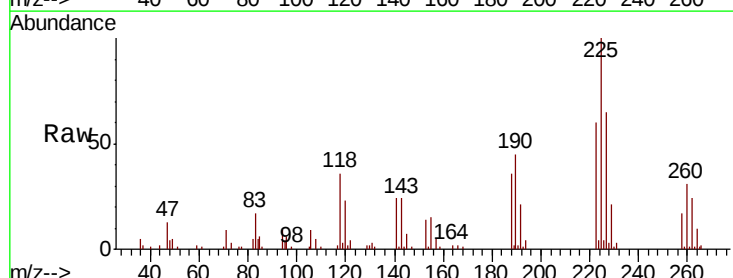
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

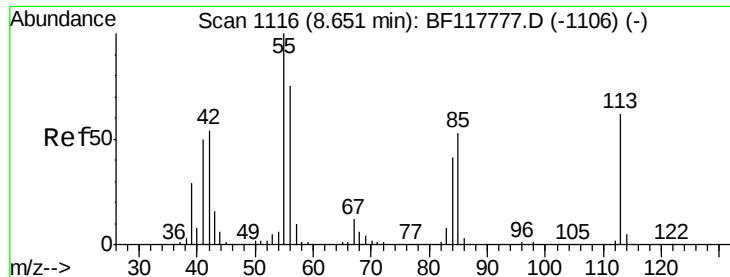
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 105426 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.5  | 39.7   |
| 65       | 26.7  | 22.9  | 34.3   |
| 92       | 17.4  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 4.978 ng  
RT: 8.35 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 46776 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.2  | 50.0  | 75.0  |
| 227      | 64.5  | 51.8  | 77.6  |

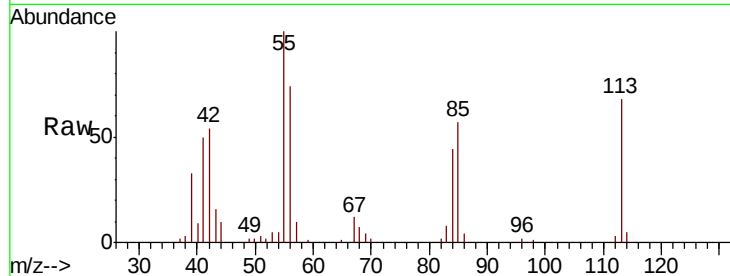




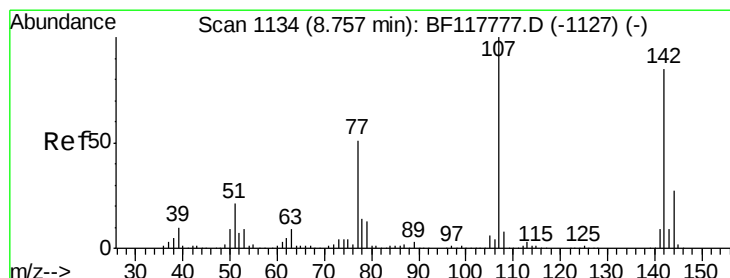
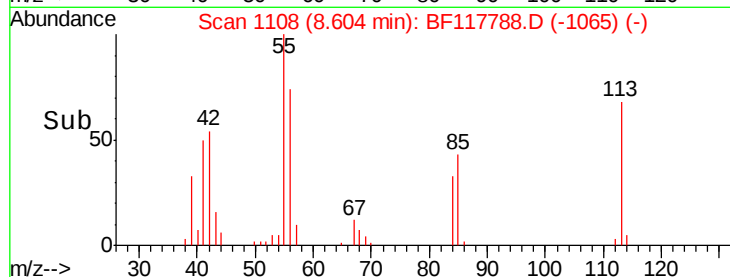
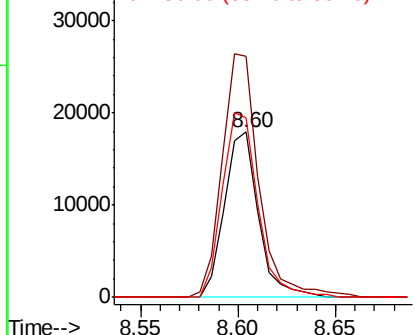
#35  
Caprolactam  
Concen: 4.928 ng  
RT: 8.60 min Scan# 1108  
Delta R.T. -0.05 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:113 Resp: 21701  
Ion Ratio Lower Upper  
113 100  
55 146.2 141.1 181.1  
56 108.7 100.5 140.5

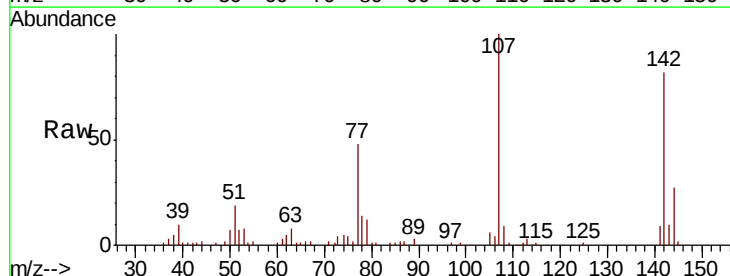


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

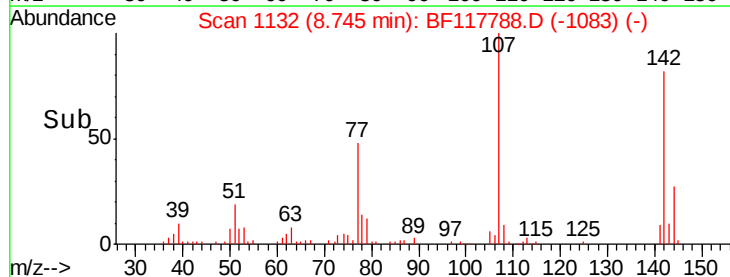
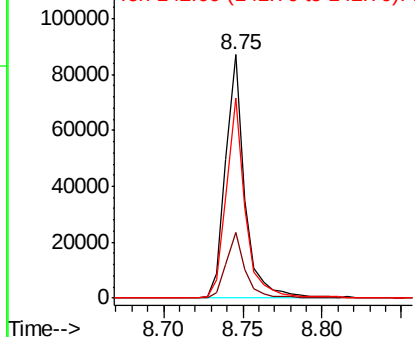


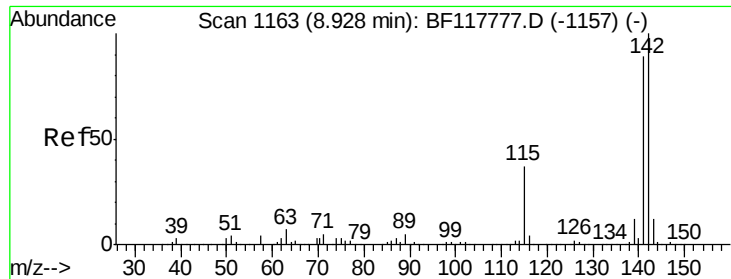
#36  
4-Chloro-3-methylphenol  
Concen: 5.207 ng  
RT: 8.75 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:107 Resp: 73220  
Ion Ratio Lower Upper  
107 100  
144 27.2 21.9 32.9  
142 82.4 67.7 101.5



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

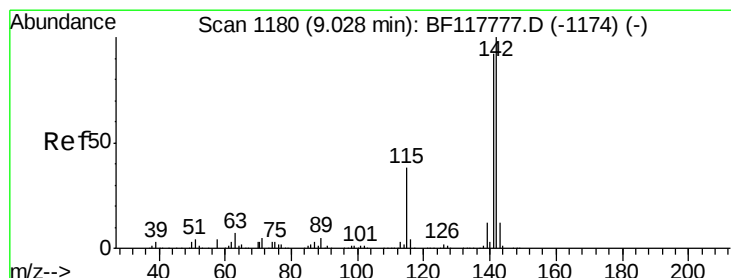
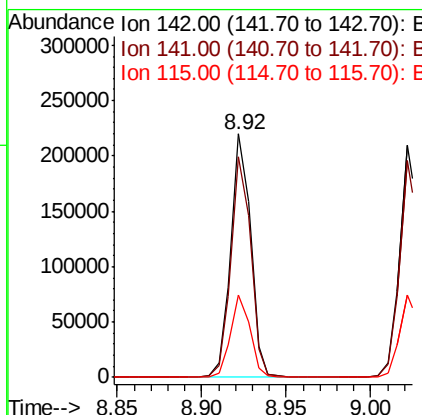
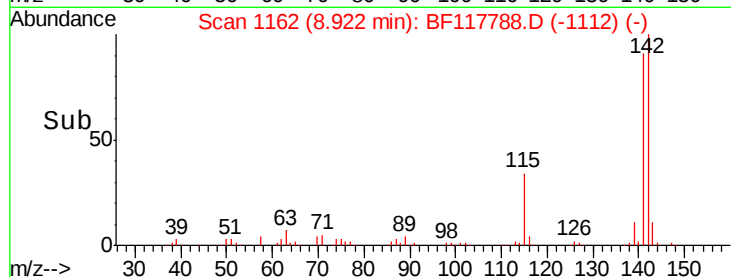
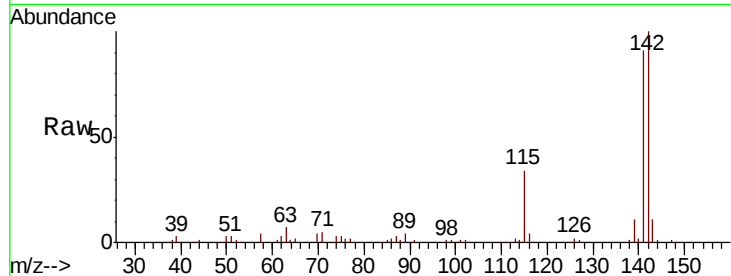




#37  
2-Methylnaphthalene  
Concen: 5.842 ng  
RT: 8.92 min Scan# 1162  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

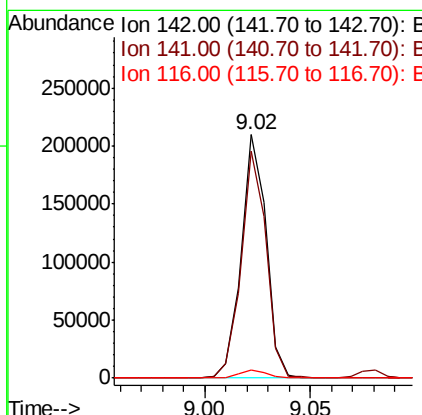
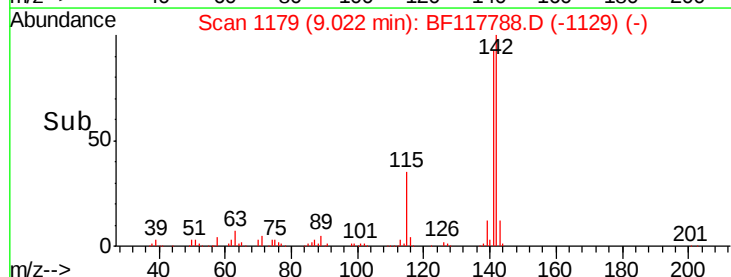
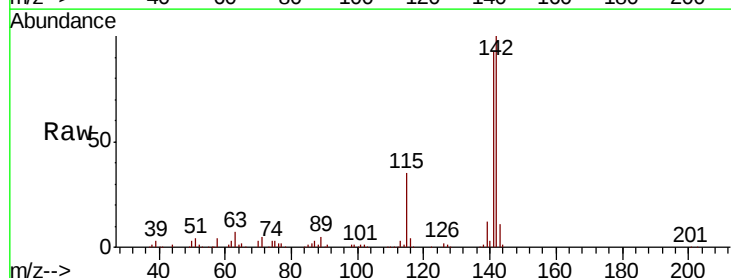
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

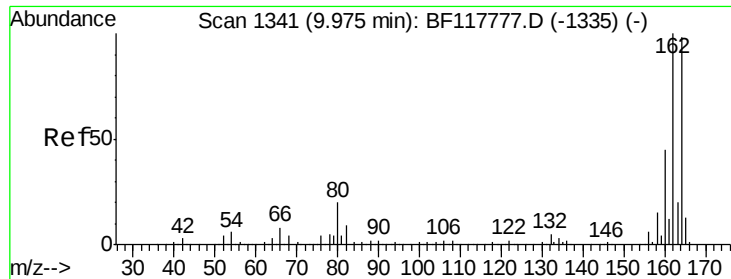
Tot Ion:142 Resp: 179094  
Ion Ratio Lower Upper  
142 100  
141 90.7 71.1 106.7  
115 33.6 29.2 43.8



#38  
1-Methylnaphthalene  
Concen: 5.886 ng  
RT: 9.02 min Scan# 1179  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:142 Resp: 170574  
Ion Ratio Lower Upper  
142 100  
141 93.3 73.5 110.3  
116 3.5 3.2 4.8

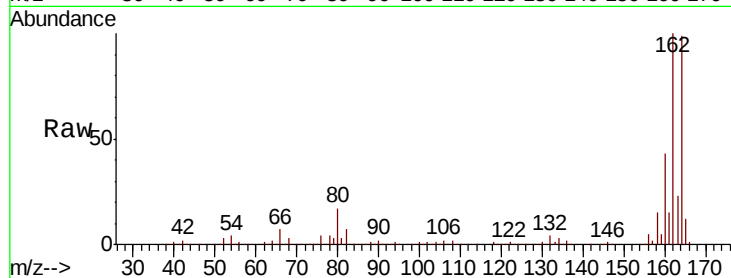




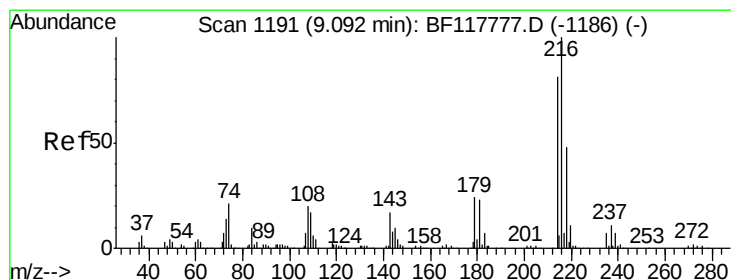
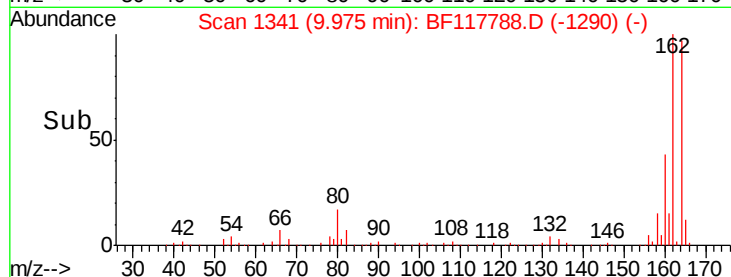
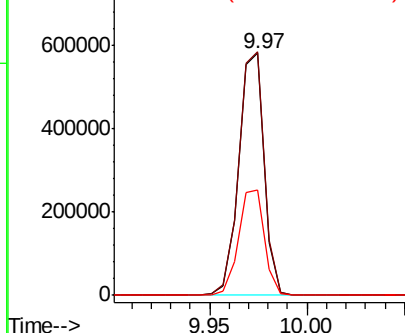
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:164 Resp: 522448  
Ion Ratio Lower Upper  
164 100  
162 100.7 81.3 121.9  
160 43.5 36.6 55.0

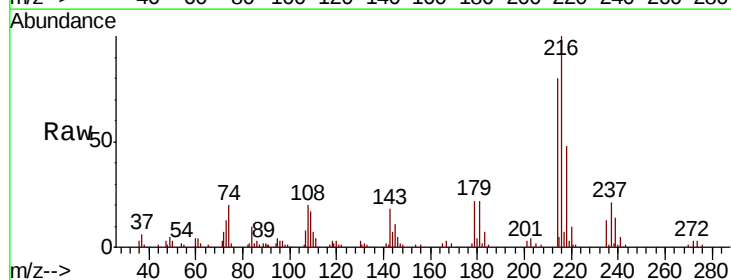


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

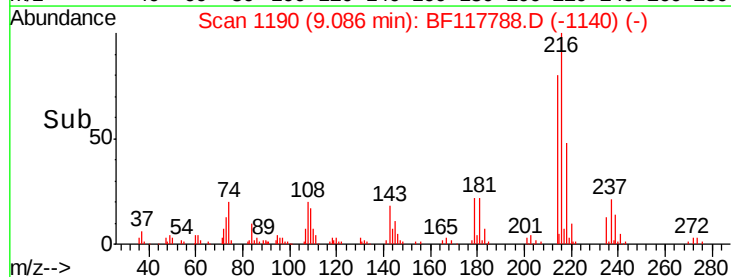
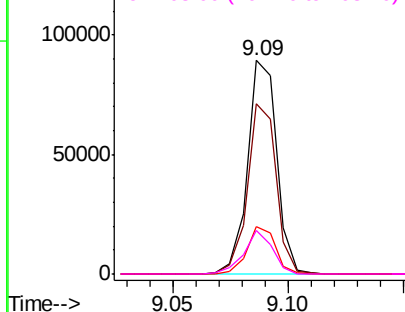


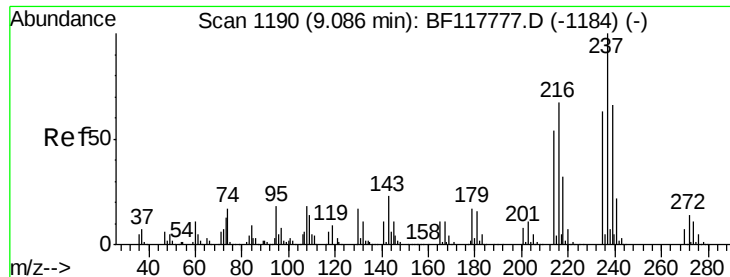
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.212 ng  
RT: 9.09 min Scan# 1190  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:216 Resp: 79076  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.4 95.0  
179 21.8 18.2 27.4  
108 19.8 16.0 24.0



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 4.869 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

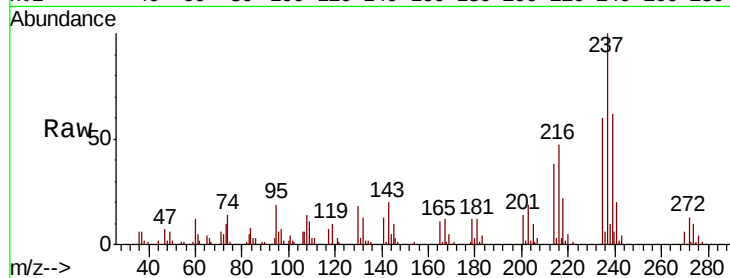
Tot Ion:237 Resp: 41401

Ion Ratio Lower Upper

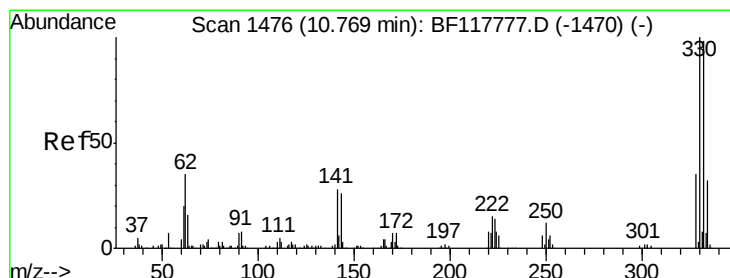
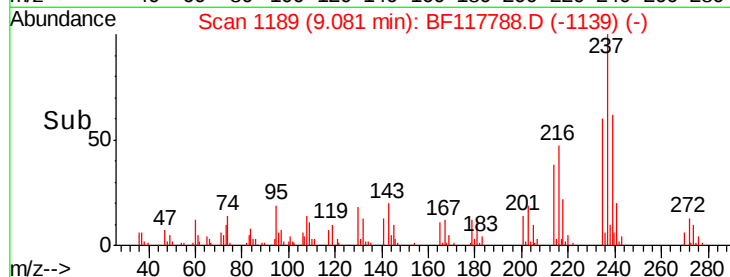
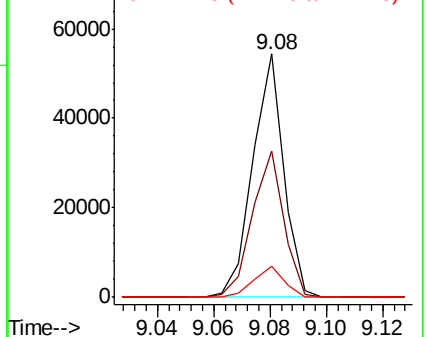
237 100

235 59.9 42.6 82.6

272 13.0 0.0 34.3



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: 135.069 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

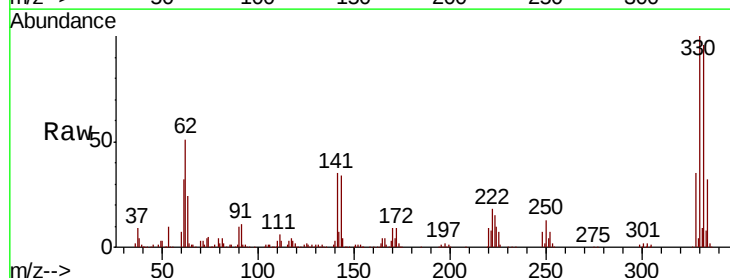
Tgt Ion:330 Resp: 747078

Ion Ratio Lower Upper

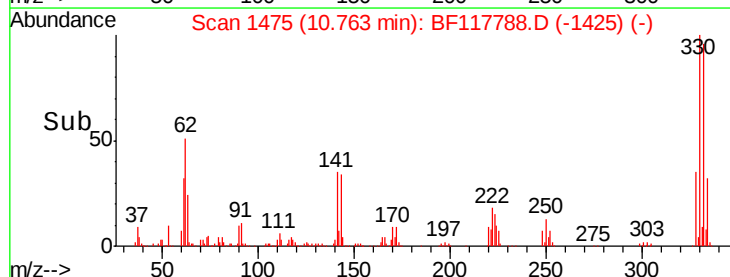
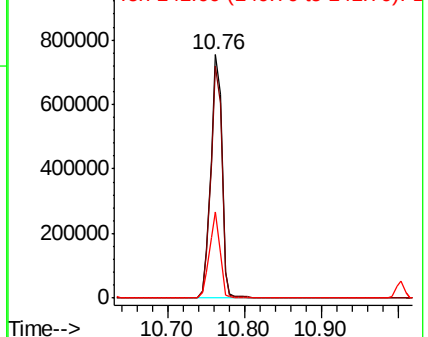
330 100

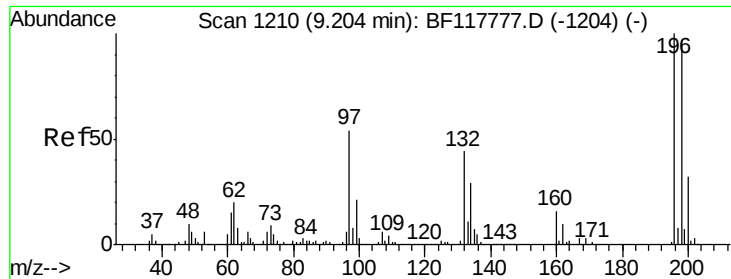
332 95.9 76.7 115.1

141 33.8 27.7 41.5



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

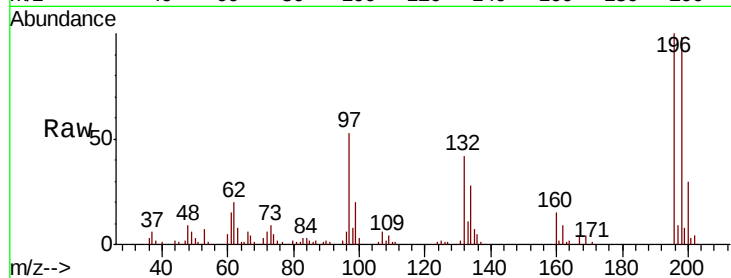




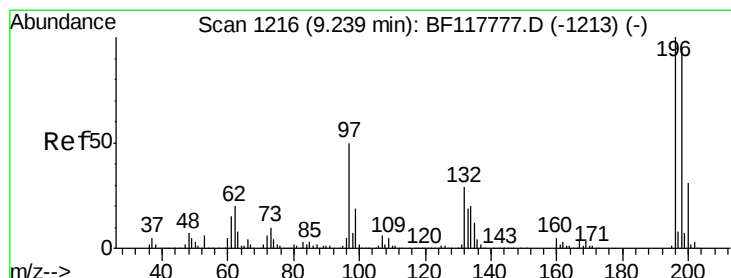
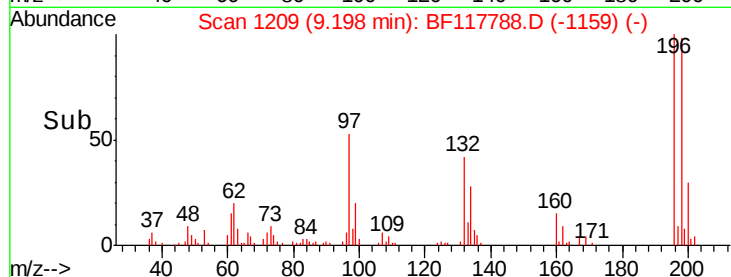
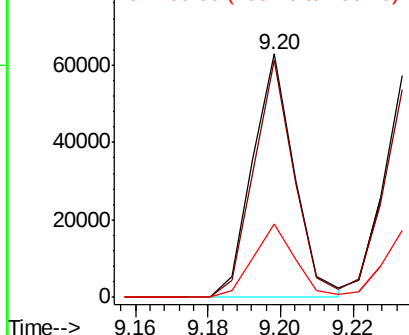
#43  
 2,4,6-Trichlorophenol  
 Concen: 4.591 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Tot Ion:196 Resp: 49893  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 77.8 116.6  
 200 30.2 25.4 38.0



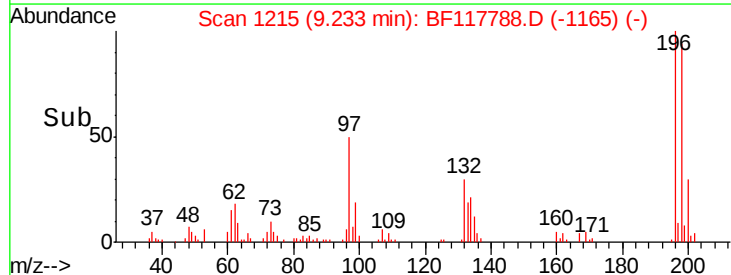
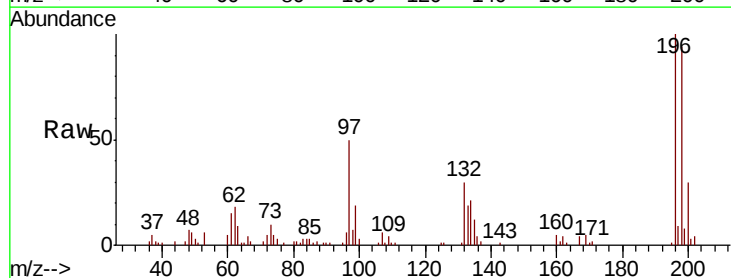
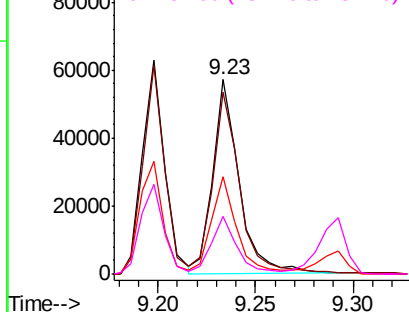
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

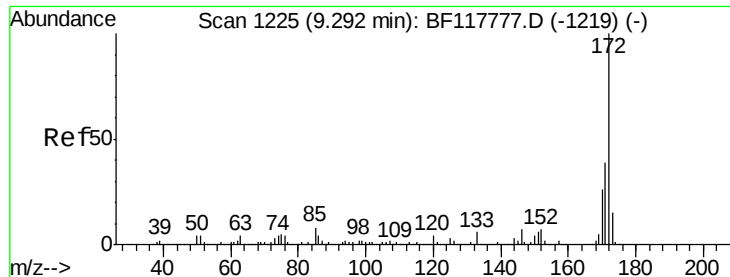


#44  
 2,4,5-Trichlorophenol  
 Concen: 4.685 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Tgt Ion:196 Resp: 52864  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 76.3 114.5  
 97 49.8 40.0 60.0  
 132 29.6 23.6 35.4

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

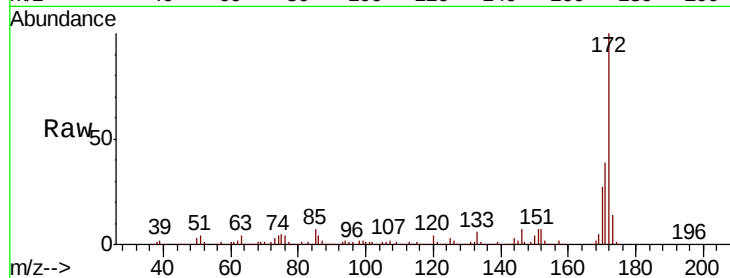




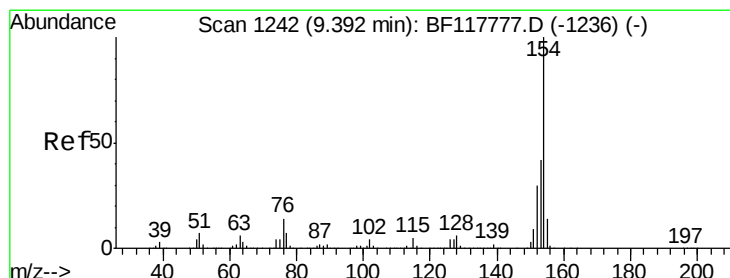
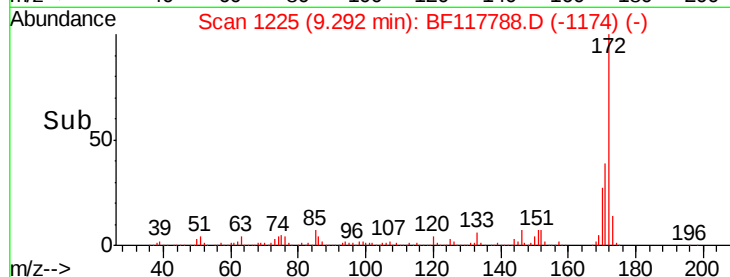
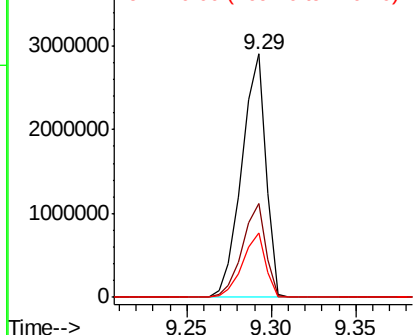
#45  
2-Fluorobiphenyl  
Concen: 99.935 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. 0.00 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:172 Resp: 2910252  
Ion Ratio Lower Upper  
172 100  
171 38.8 30.9 46.3  
170 26.6 21.0 31.4

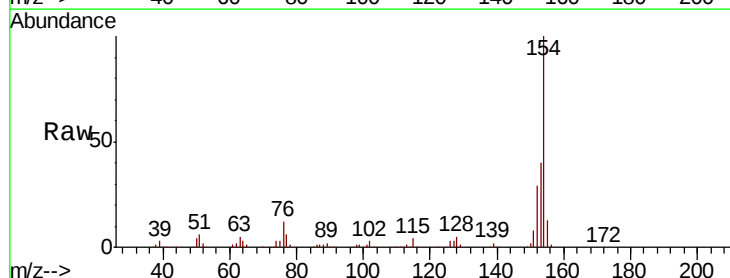


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

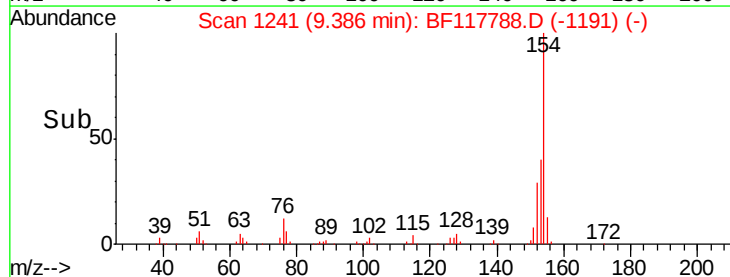
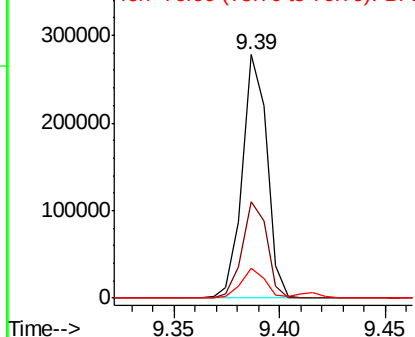


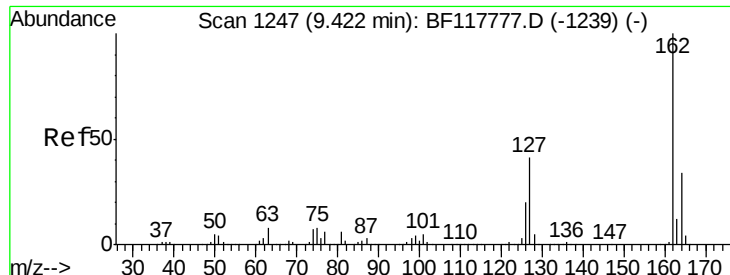
#46  
1,1'-Biphenyl  
Concen: 5.803 ng  
RT: 9.39 min Scan# 1241  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:154 Resp: 224931  
Ion Ratio Lower Upper  
154 100  
153 39.7 21.9 61.9  
76 12.3 0.0 33.6



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): BF1

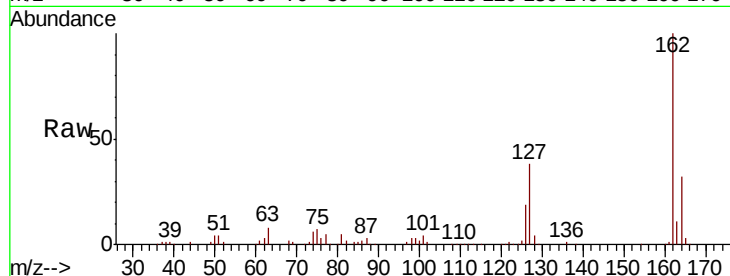




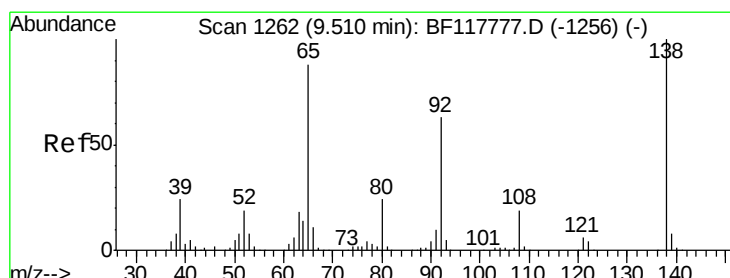
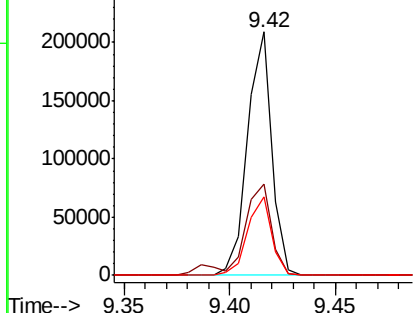
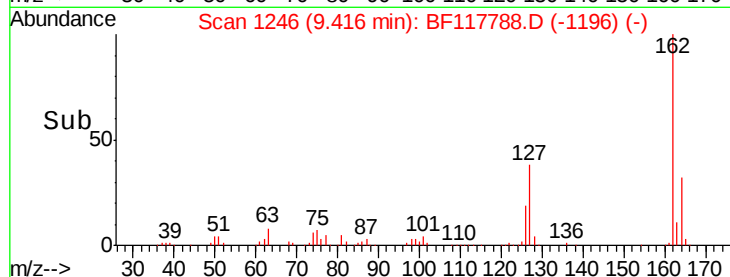
#47  
 2-Chloronaphthalene  
 Concen: 5.258 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Tot Ion:162 Resp: 167646  
 Ion Ratio Lower Upper  
 162 100  
 127 37.7 33.2 49.8  
 164 32.5 27.3 40.9

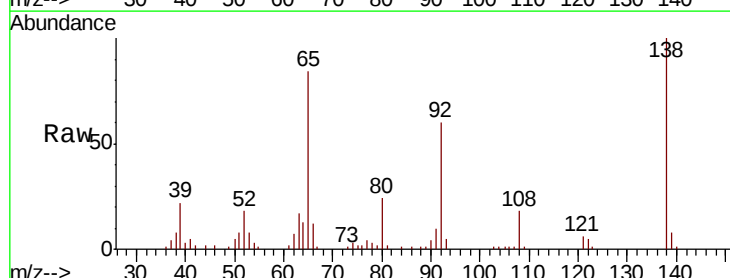


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

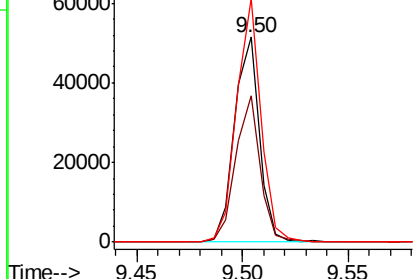
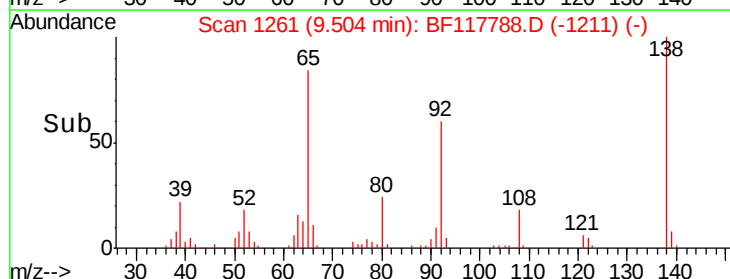


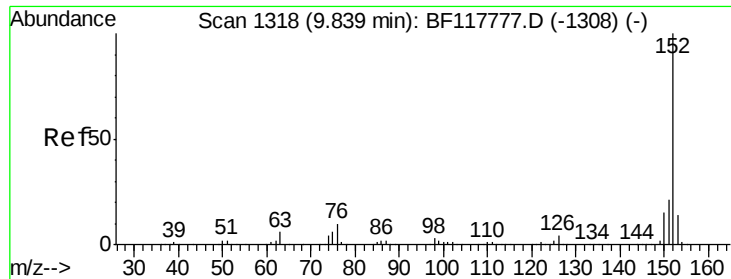
#48  
 2-Nitroaniline  
 Concen: 4.312 ng  
 RT: 9.50 min Scan# 1261  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Tgt Ion: 65 Resp: 41508  
 Ion Ratio Lower Upper  
 65 100  
 92 71.7 56.6 84.8  
 138 119.0 90.5 135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.788 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

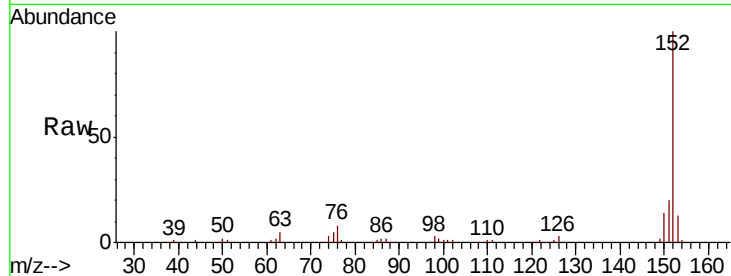
Tot Ion:152 Resp: 269070

Ion Ratio Lower Upper

152 100

151 19.7 17.0 25.6

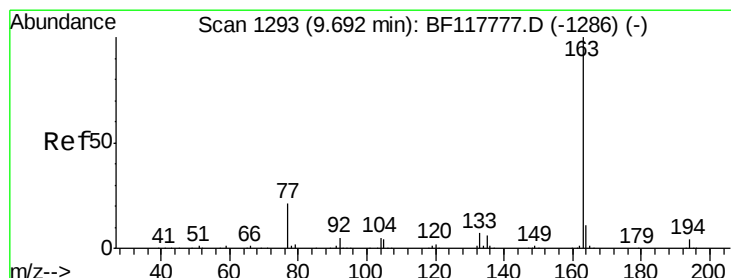
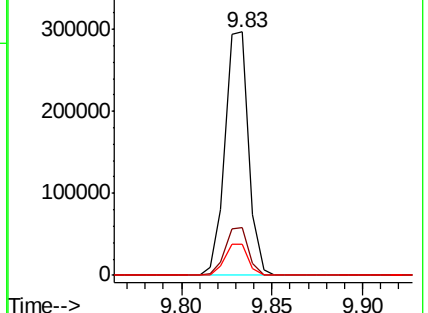
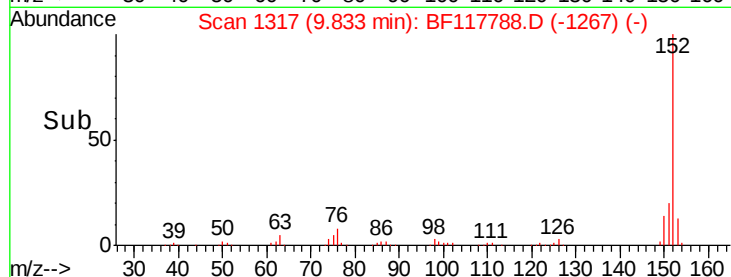
153 12.7 11.0 16.6



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: 5.155 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

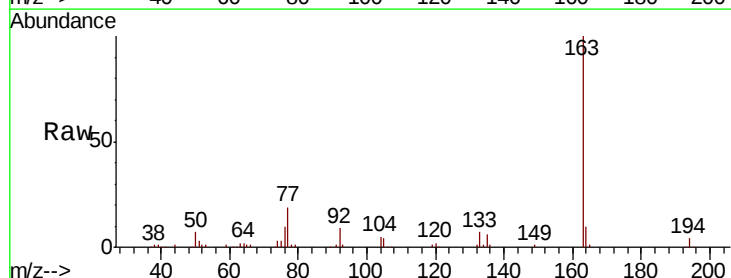
Tgt Ion:163 Resp: 188852

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

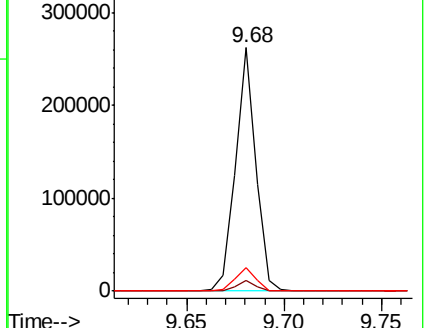
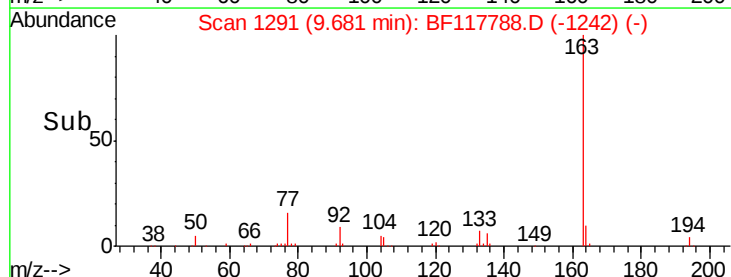
164 9.8 8.7 13.1

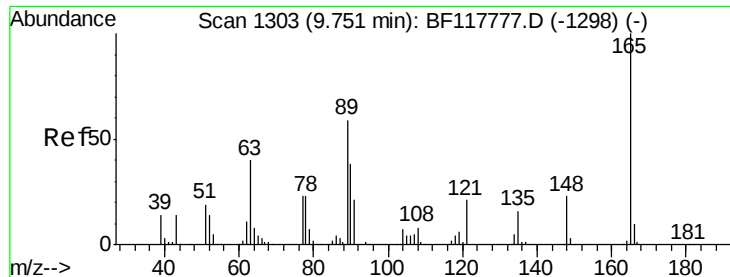


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

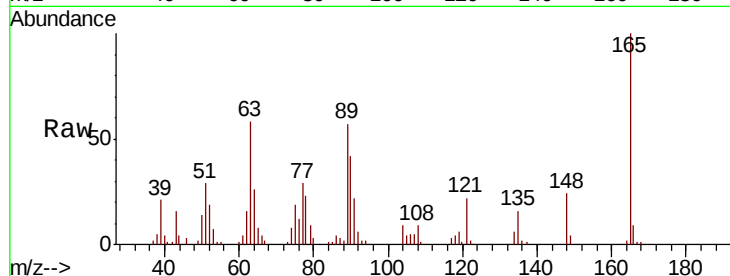




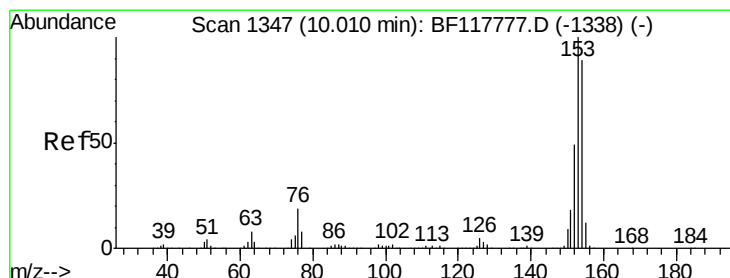
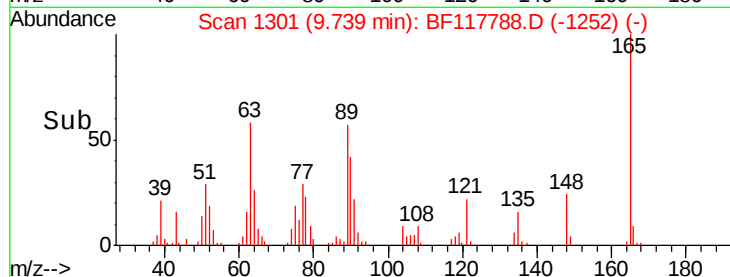
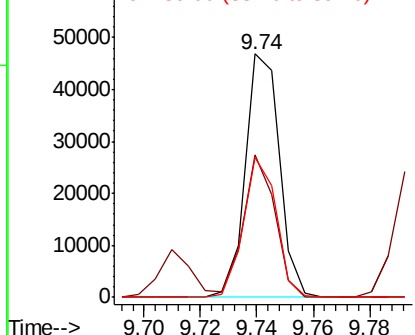
#51  
2,6-Dinitrotoluene  
Concen: 4.915 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:165 Resp: 39352  
Ion Ratio Lower Upper  
165 100  
63 58.3 46.0 69.0  
89 57.4 47.7 71.5

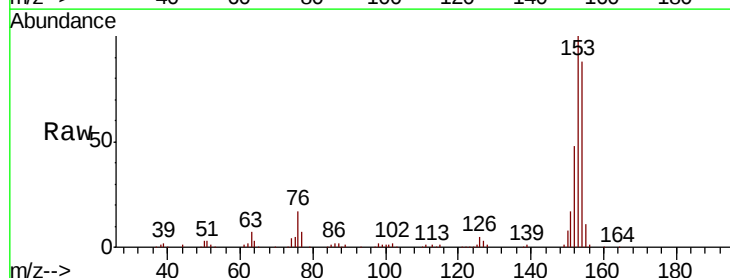


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

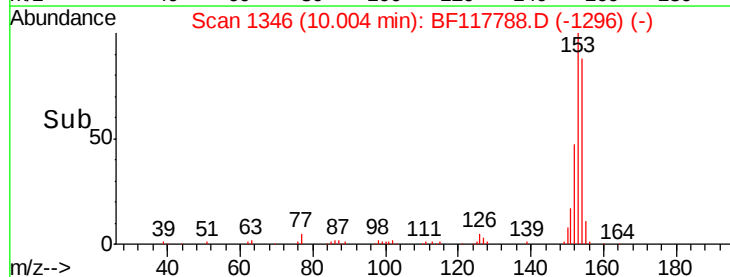
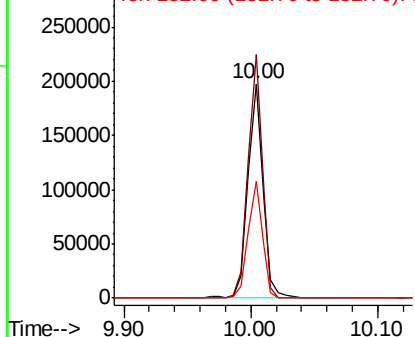


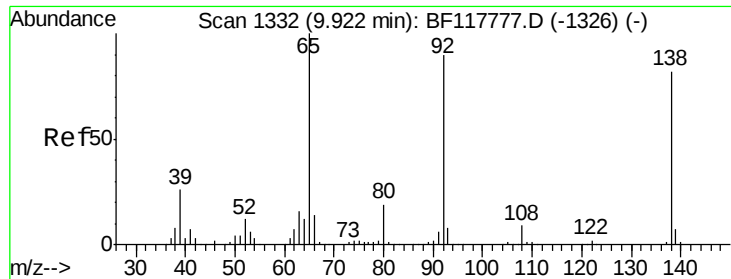
#52  
Acenaphthene  
Concen: 5.503 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:154 Resp: 163880  
Ion Ratio Lower Upper  
154 100  
153 113.6 90.1 135.1  
152 54.5 44.0 66.0



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

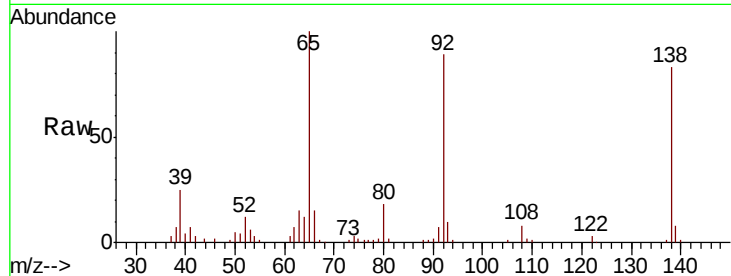




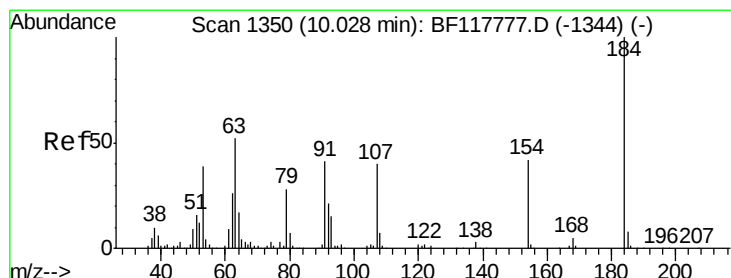
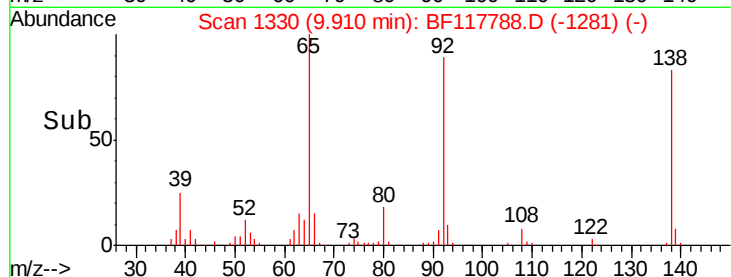
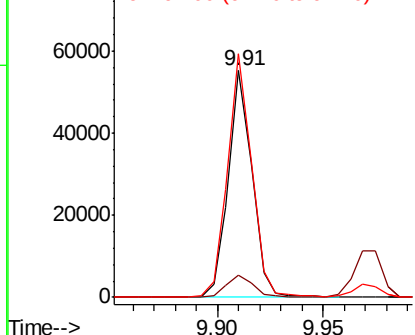
#53  
3-Nitroaniline  
Concen: 4.484 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:138 Resp: 42962  
Ion Ratio Lower Upper  
138 100  
108 9.5 8.6 12.8  
92 107.4 87.9 131.9

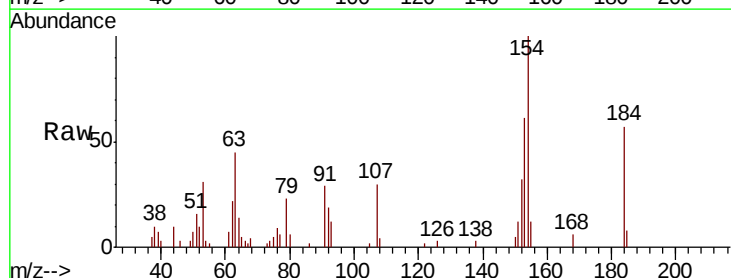


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

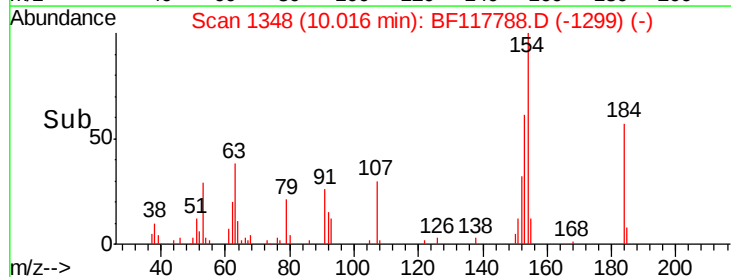
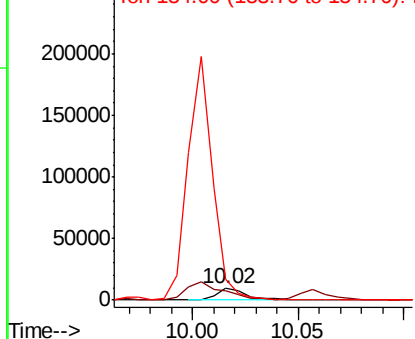


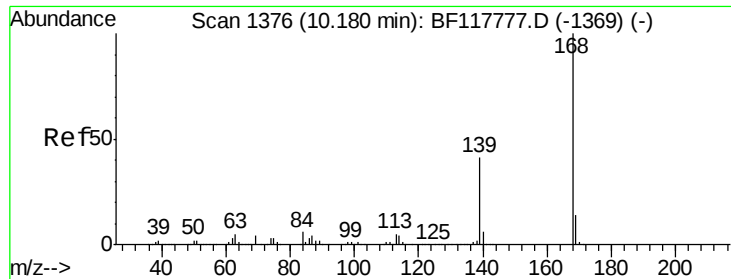
#54  
2,4-Dinitrophenol  
Concen: 2.703 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:184 Resp: 9608  
Ion Ratio Lower Upper  
184 100  
63 79.5 43.0 64.6#  
154 175.3 48.0 72.0#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

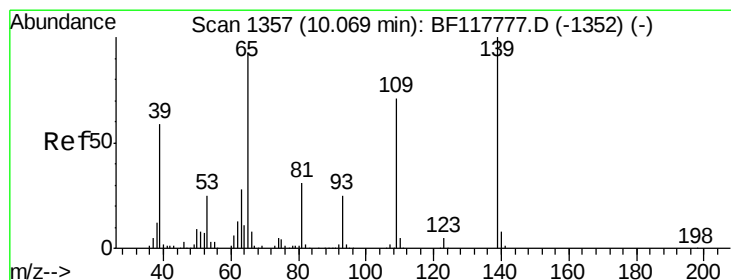
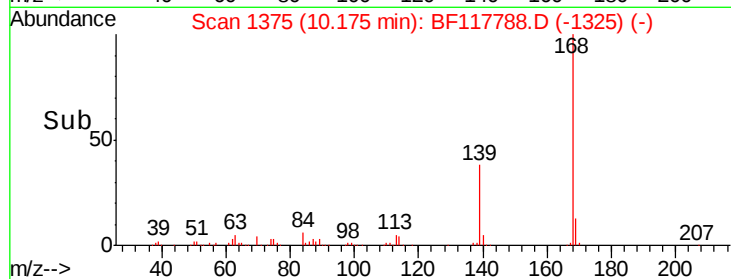
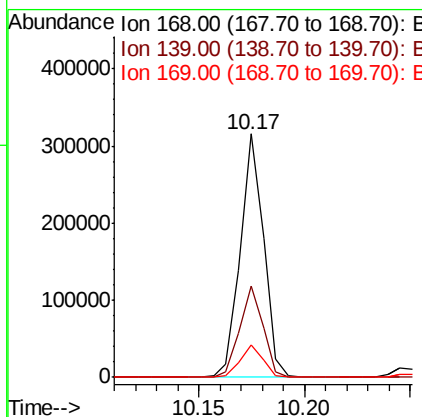
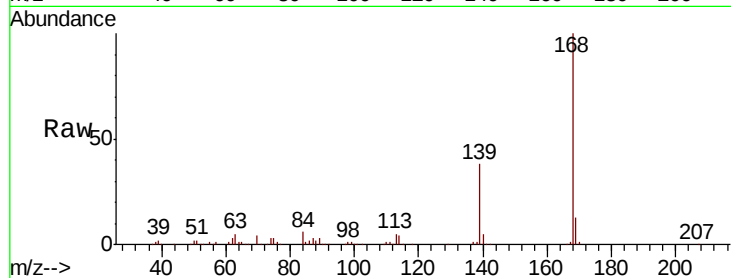




#55  
Dibenzofuran  
Concen: 5.817 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

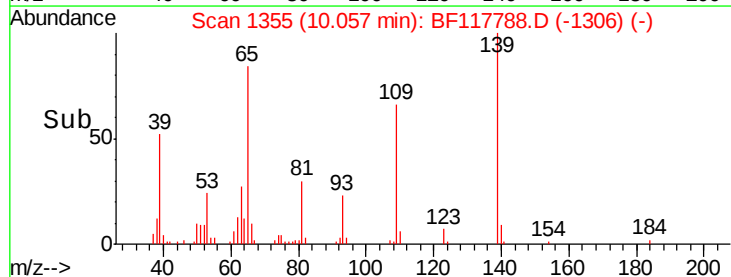
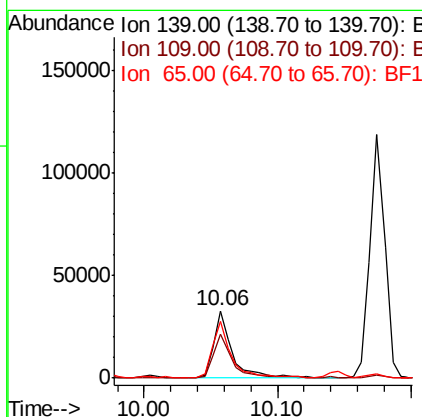
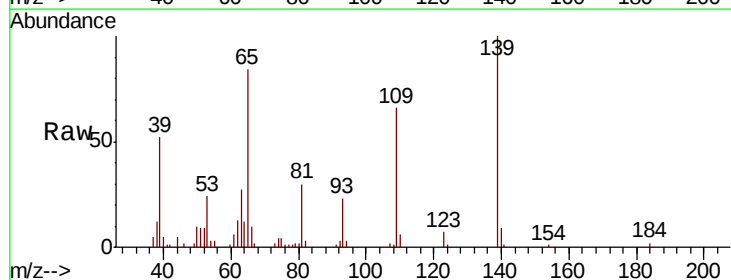
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

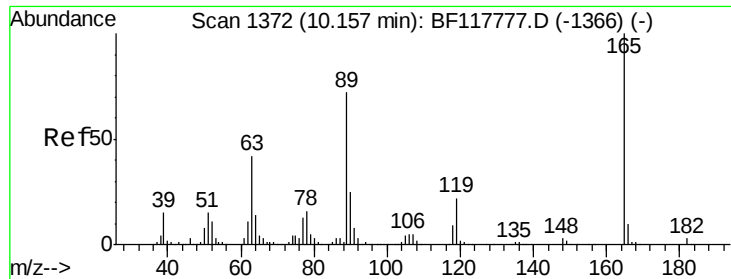
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.6  | 33.0  | 49.6  |
| 169     | 13.1  | 11.5  | 17.3  |



#56  
4-Nitrophenol  
Concen: 4.523 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.1  | 50.8  | 90.8  |
| 65      | 84.4  | 73.6  | 113.6 |

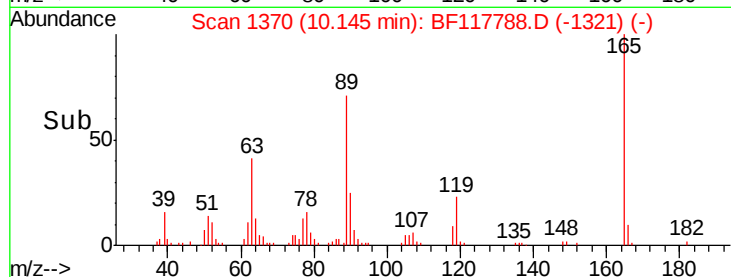
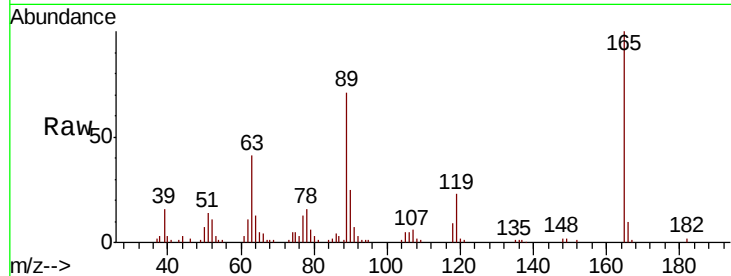




#57  
2,4-Dinitrotoluene  
Concen: 4.764 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.8  | 33.7  | 50.5  |
| 89      | 71.5  | 57.3  | 85.9  |
| 182     | 2.4   | 2.3   | 3.5   |



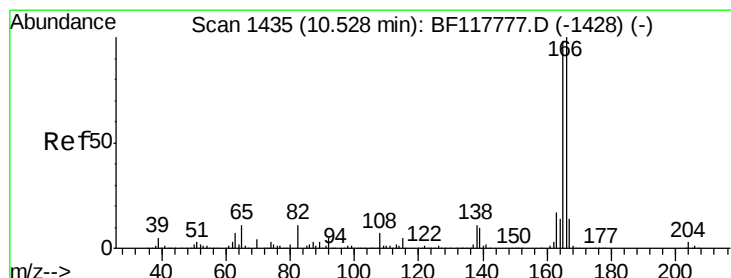
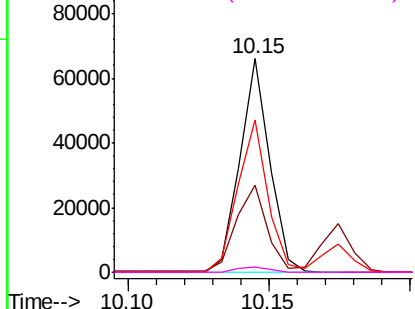
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

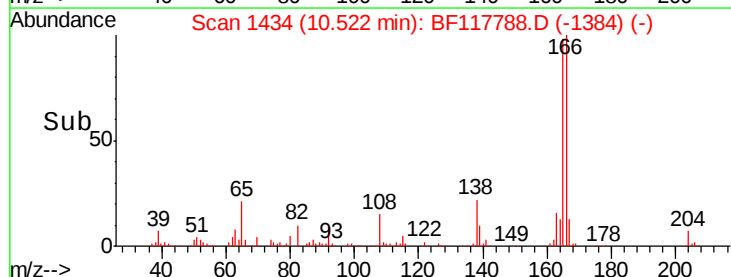
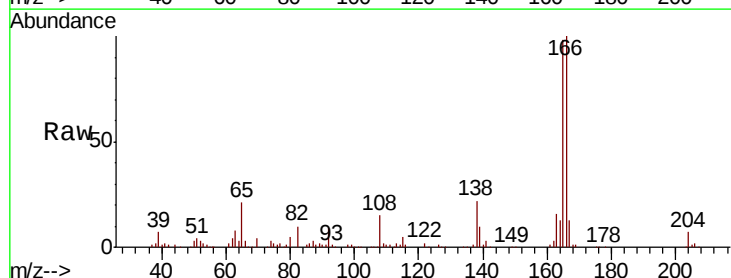
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 5.833 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.8  | 78.4  | 117.6 |
| 167     | 12.8  | 11.0  | 16.4  |

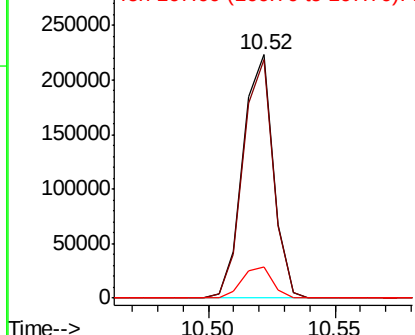


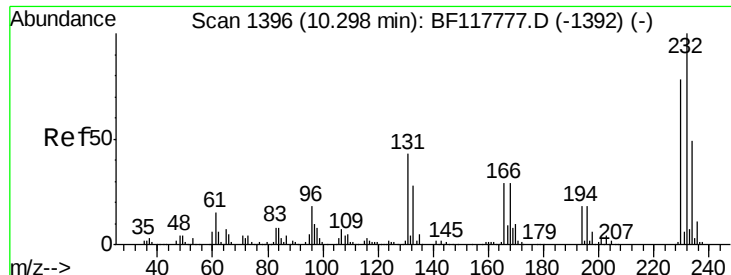
Abundance

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

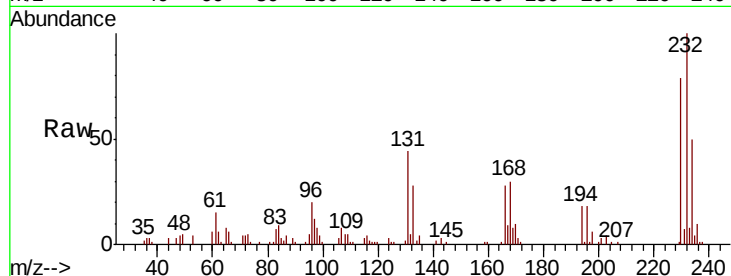




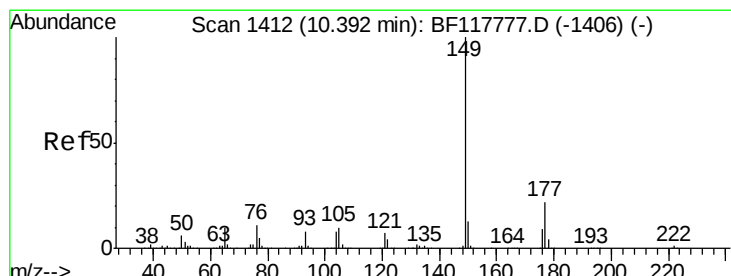
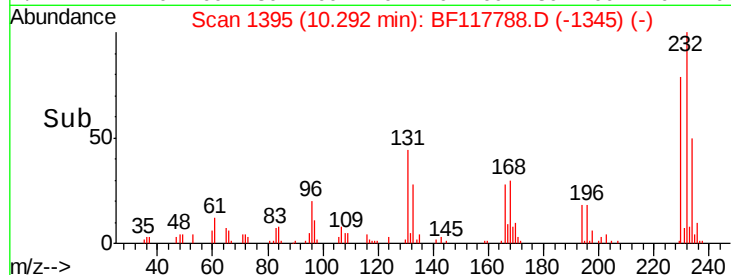
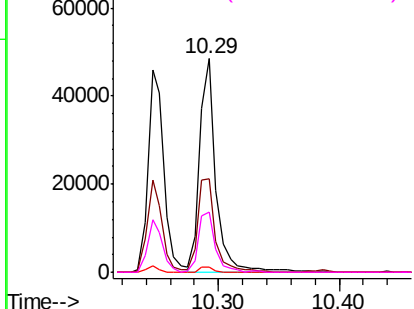
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.957 ng  
RT: 10.29 min Scan# 1395  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:232 Resp: 45955  
Ion Ratio Lower Upper  
232 100  
131 46.5 37.6 56.4  
130 2.1 1.9 2.9  
166 28.9 24.2 36.4

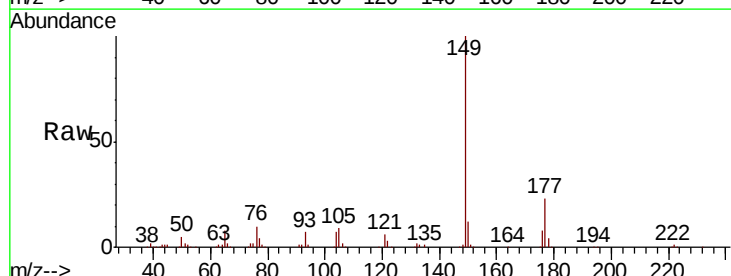


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

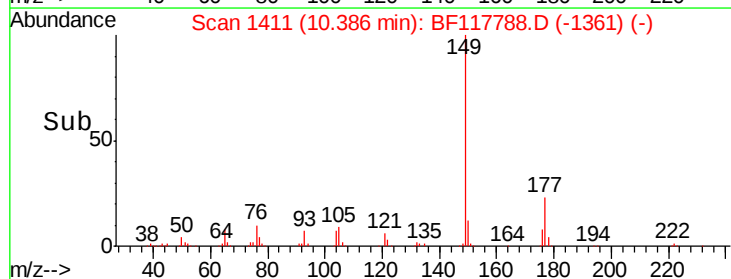
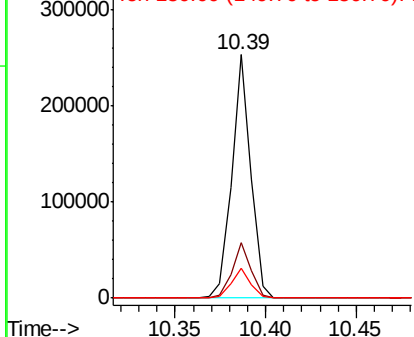


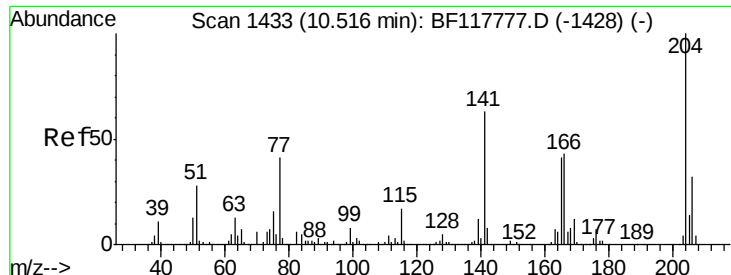
#60  
Diethylphthalate  
Concen: 5.170 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:149 Resp: 184679  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.0 27.0  
150 12.3 10.5 15.7



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

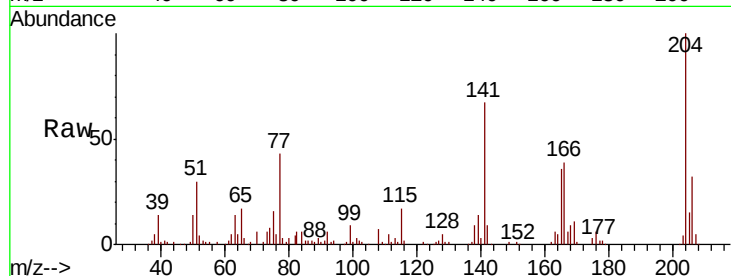




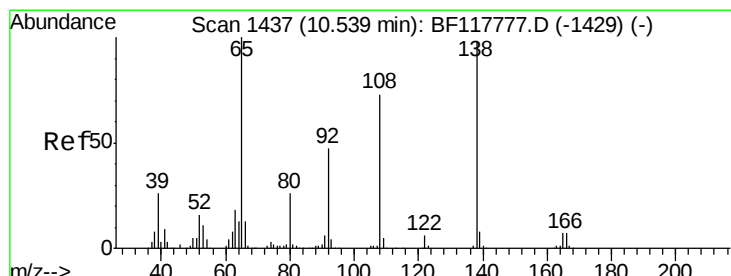
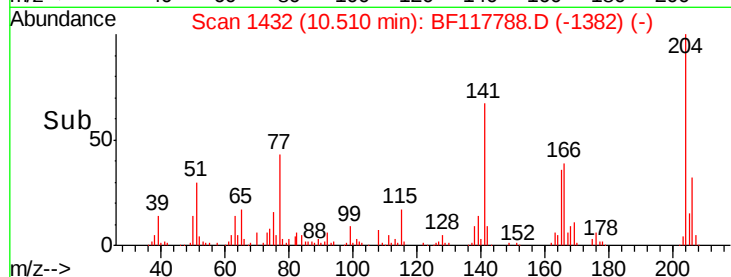
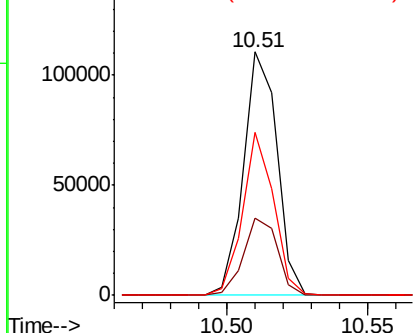
#61  
 4-Chlorophenyl-phenylether  
 Concen: 5.609 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Tot Ion:204 Resp: 90963  
 Ion Ratio Lower Upper  
 204 100  
 206 31.8 25.6 38.4  
 141 66.8 50.7 76.1

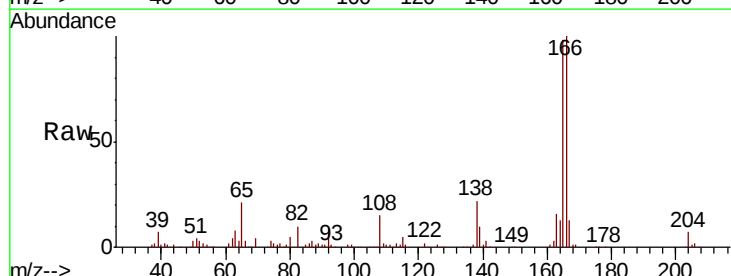


Abundance Ion 204.00 (203.70 to 204.70): E  
 150000  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

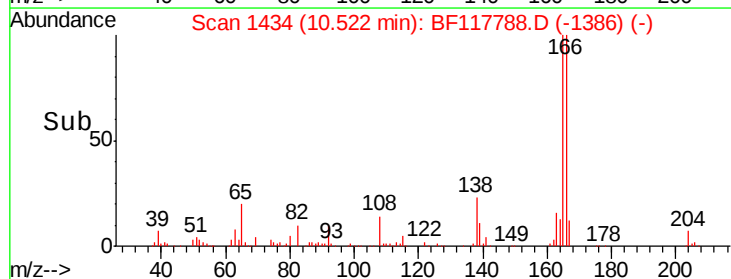
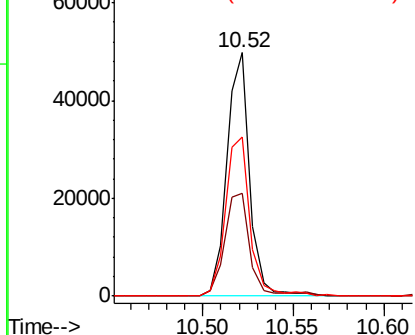


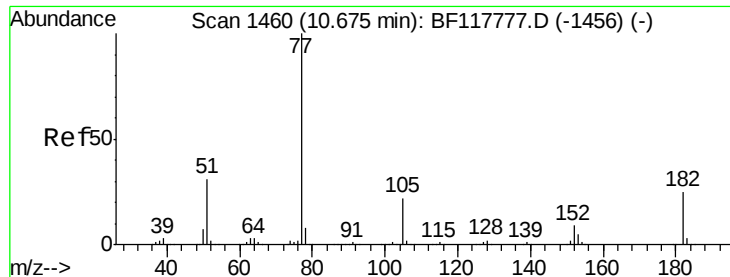
#62  
 4-Nitroaniline  
 Concen: 4.534 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.02 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

Tgt Ion:138 Resp: 43494  
 Ion Ratio Lower Upper  
 138 100  
 92 42.1 28.3 68.3  
 108 65.2 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E  
 60000  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 5.433 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion: 77 Resp: 176550

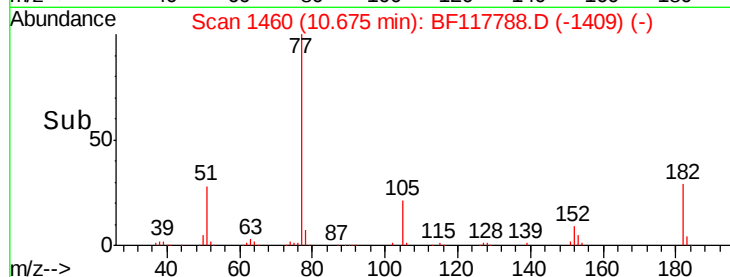
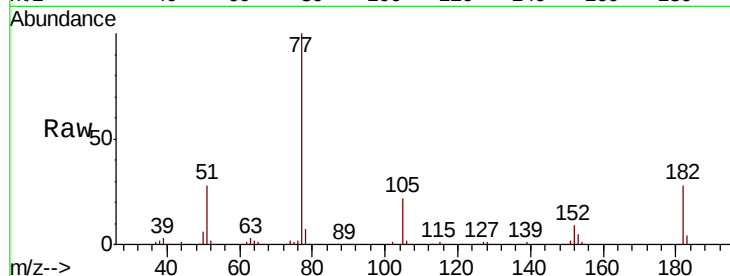
Ion Ratio Lower Upper

77 100

182 28.4 4.8 44.8

105 21.8 2.1 42.1

51 28.4 11.4 51.4

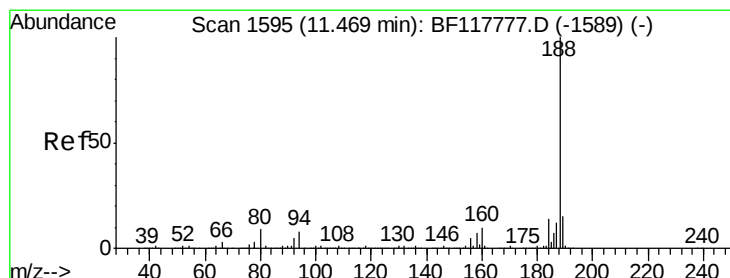
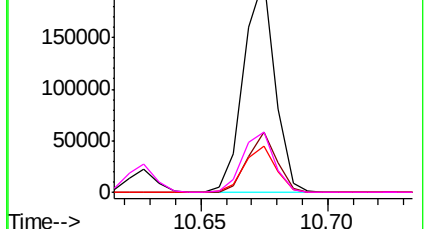


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

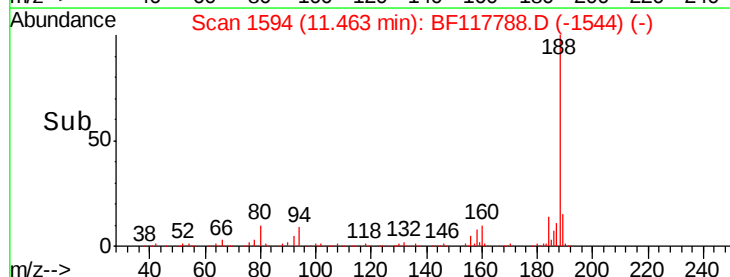
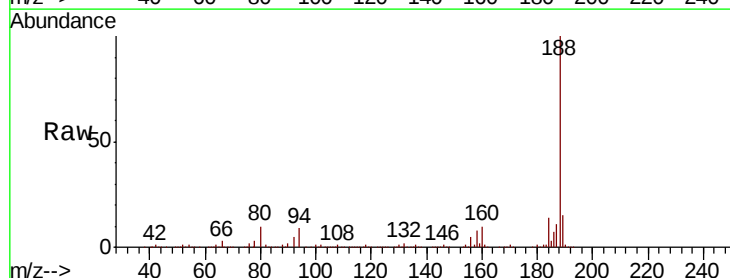
Tgt Ion: 188 Resp: 985013

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

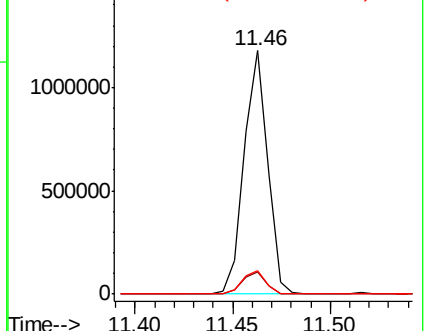
80 9.5 7.2 10.8

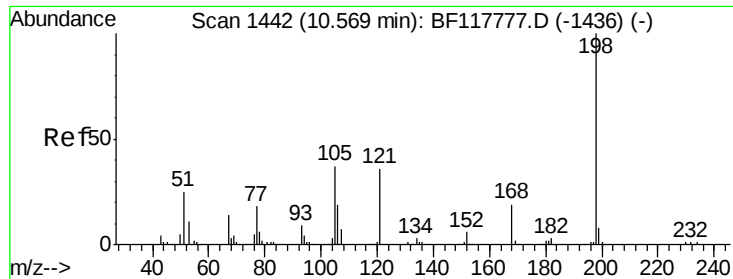


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.599 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

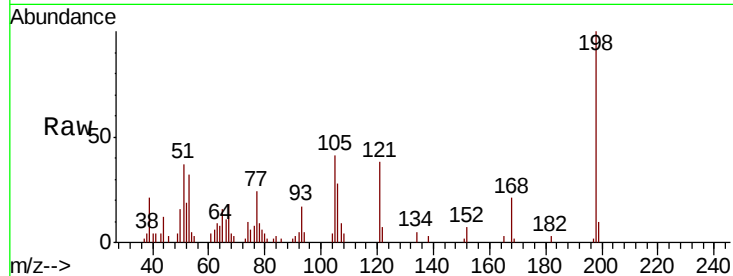
Tot Ion:198 Resp: 16549

Ion Ratio Lower Upper

198 100

51 37.2 16.0 56.0

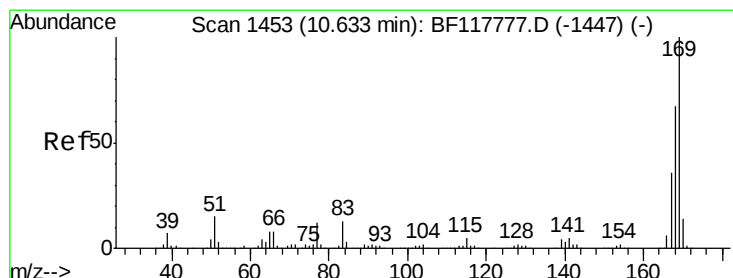
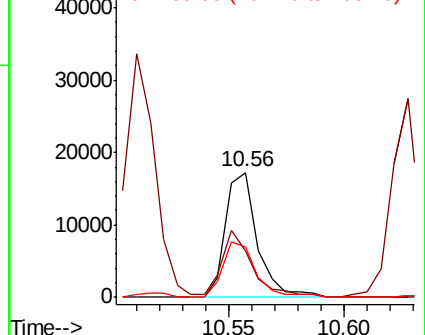
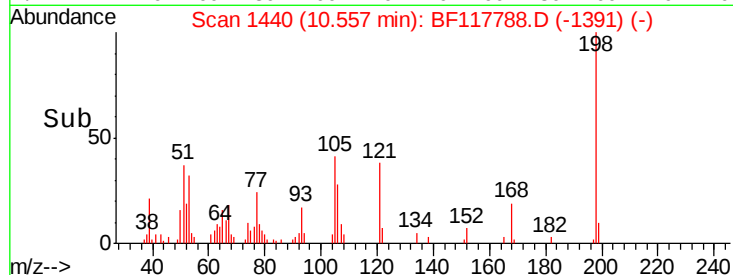
105 40.8 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.517 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

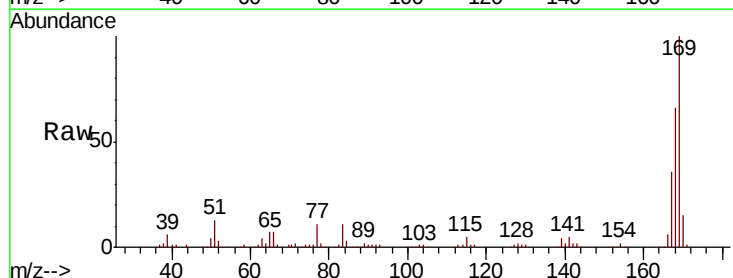
Tgt Ion:169 Resp: 158146

Ion Ratio Lower Upper

169 100

168 66.4 53.5 80.3

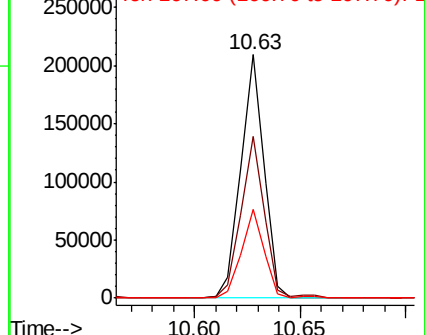
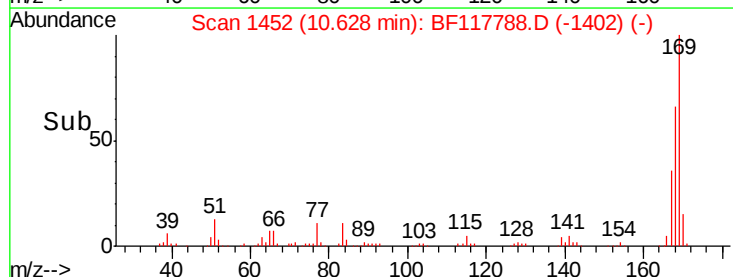
167 36.4 29.0 43.4

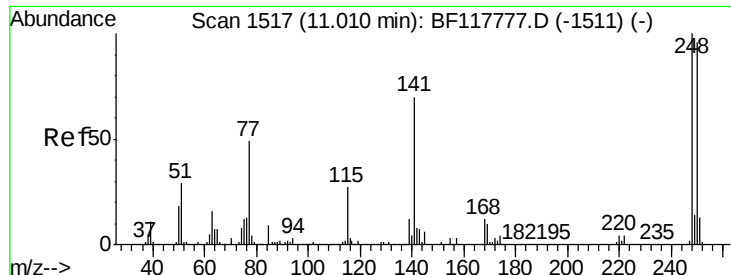


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 5.102 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

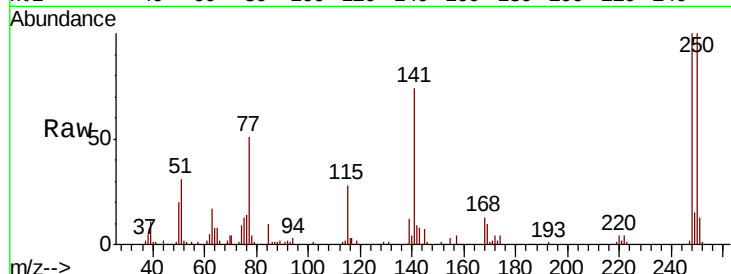
Tot Ion:248 Resp: 54222

Ion Ratio Lower Upper

248 100

250 100.2 76.6 115.0

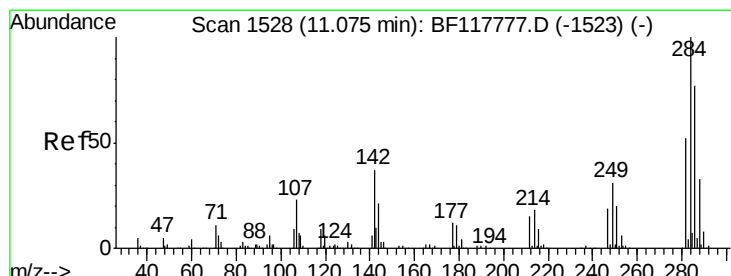
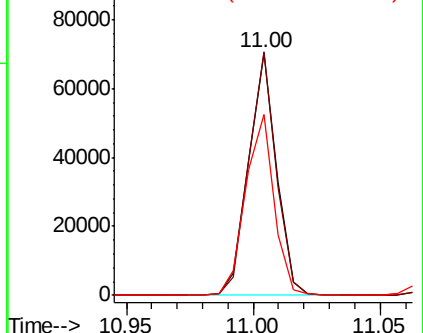
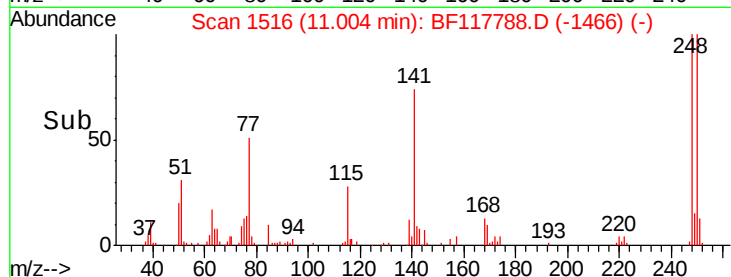
141 74.3 55.9 83.9



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: 5.185 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

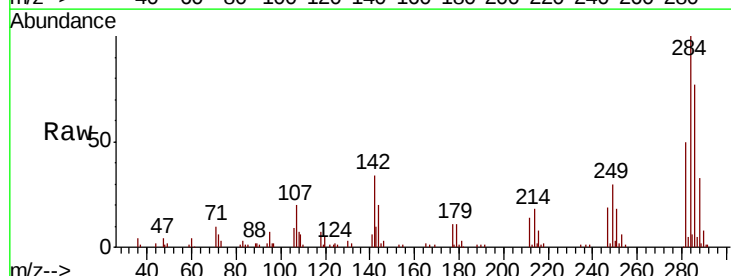
Tgt Ion:284 Resp: 64256

Ion Ratio Lower Upper

284 100

142 34.3 29.4 44.2

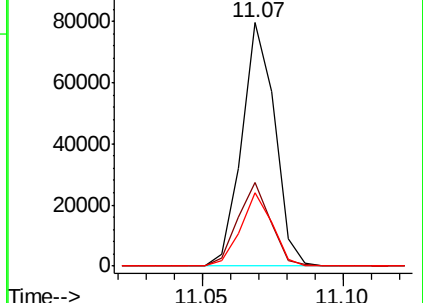
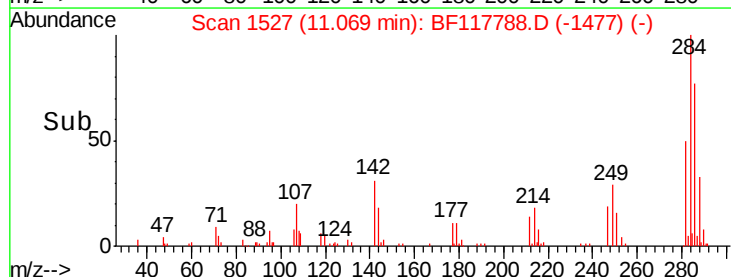
249 30.1 24.6 37.0

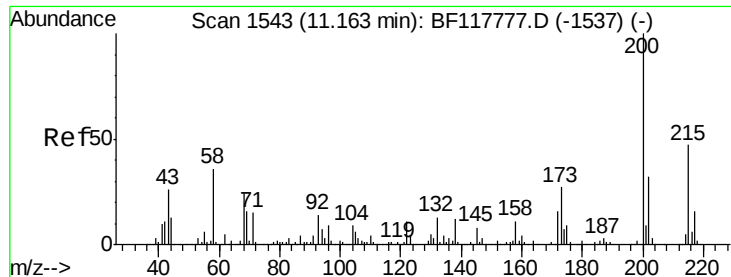


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

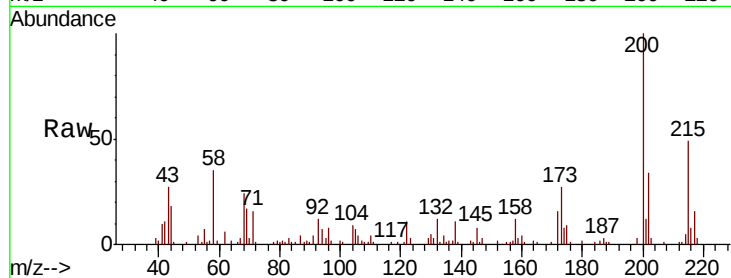




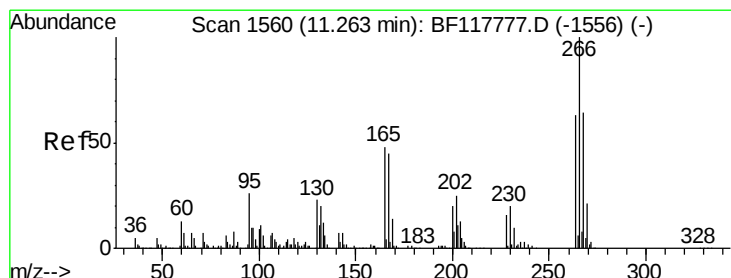
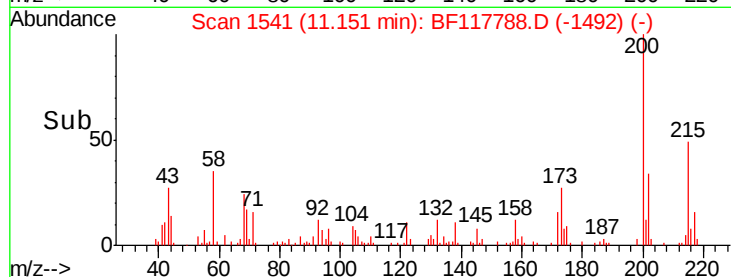
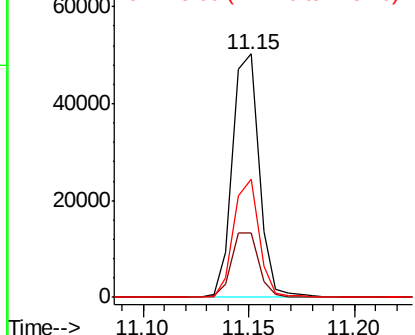
#69  
Atrazine  
Concen: 4.652 ng  
RT: 11.15 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:200 Resp: 43864  
Ion Ratio Lower Upper  
200 100  
173 26.6 6.7 46.7  
215 48.5 27.5 67.5

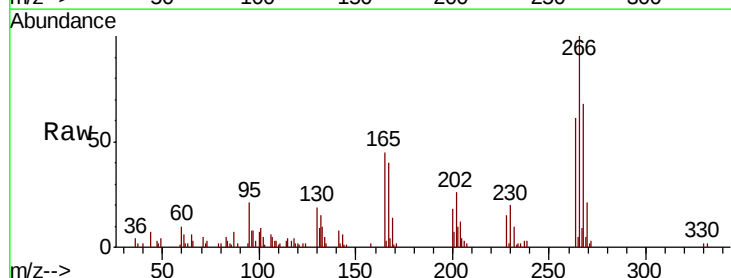


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

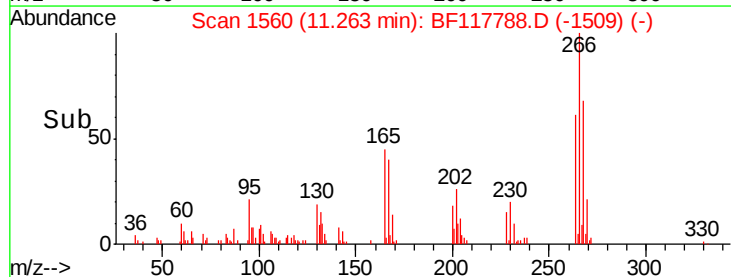
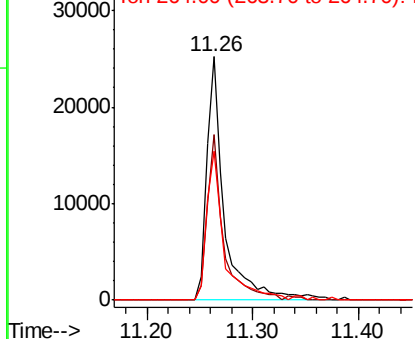


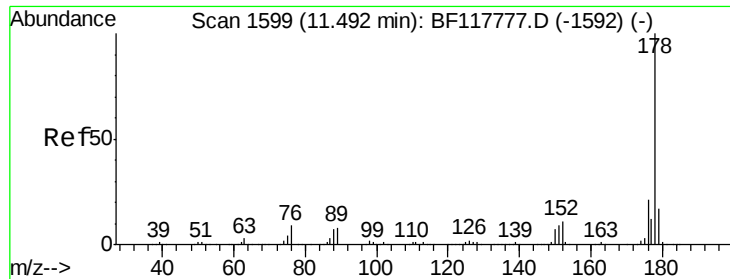
#70  
Pentachlorophenol  
Concen: 4.008 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:266 Resp: 29017  
Ion Ratio Lower Upper  
266 100  
268 67.9 50.8 76.2  
264 61.1 50.7 76.1



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

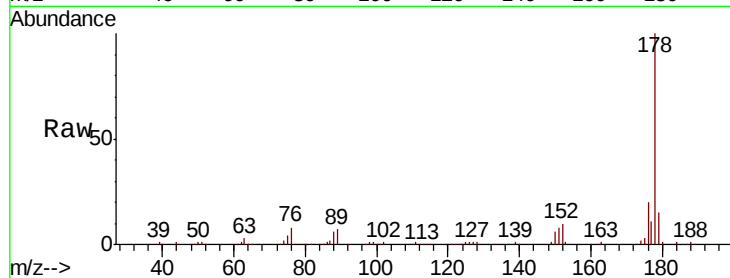




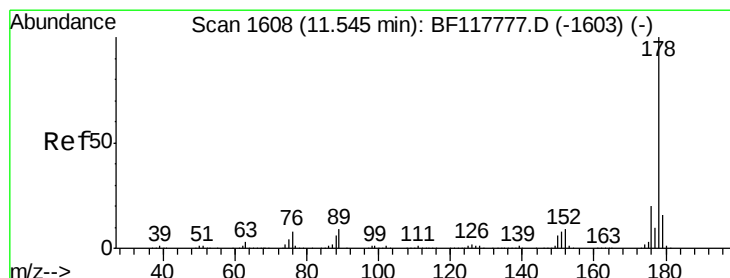
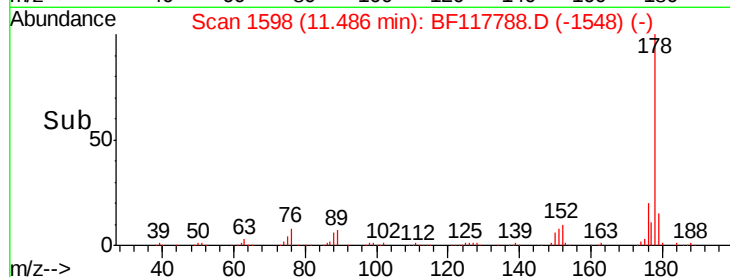
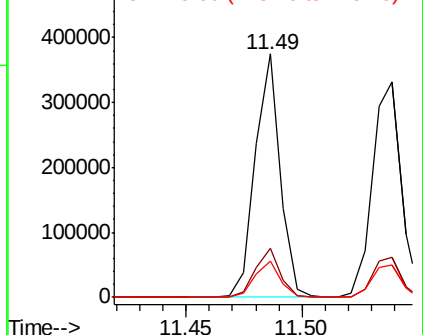
#71  
Phenanthrene  
Concen: 5.758 ng  
RT: 11.49 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

Tot Ion:178 Resp: 285168  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.6 25.0  
179 14.8 13.2 19.8

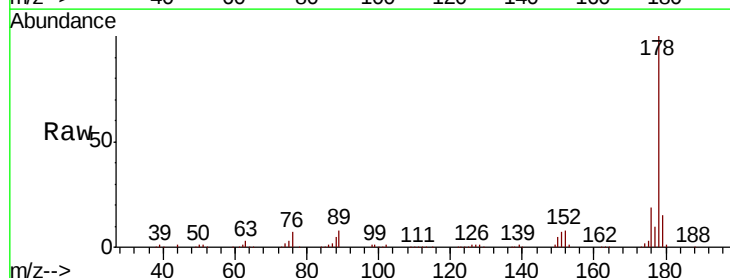


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

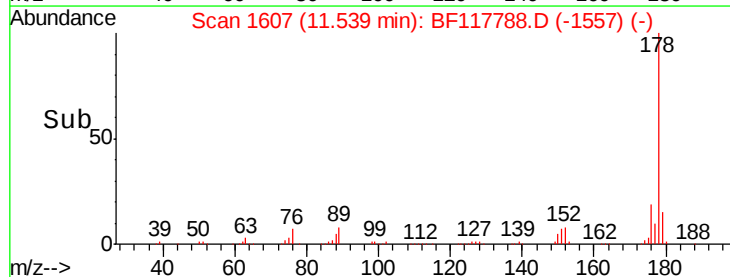
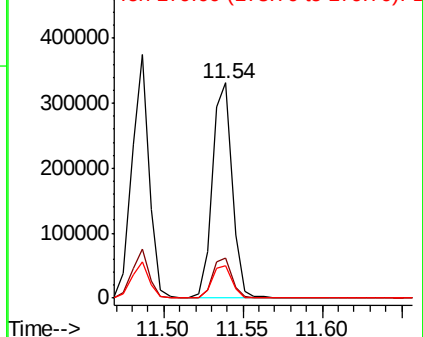


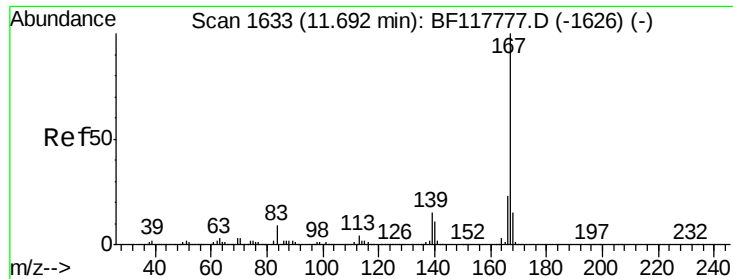
#72  
Anthracene  
Concen: 5.885 ng  
RT: 11.54 min Scan# 1607  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:178 Resp: 288950  
Ion Ratio Lower Upper  
178 100  
176 18.8 16.1 24.1  
179 14.8 13.0 19.4



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

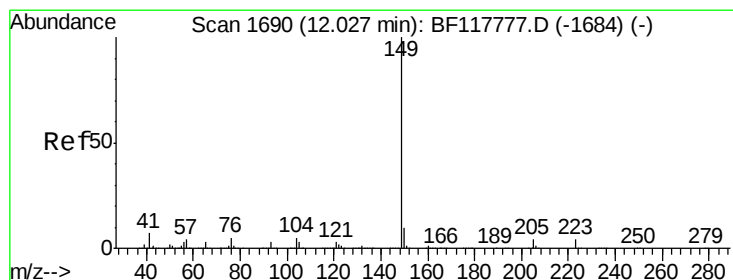
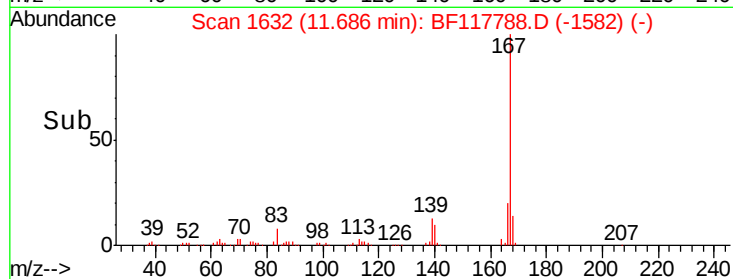
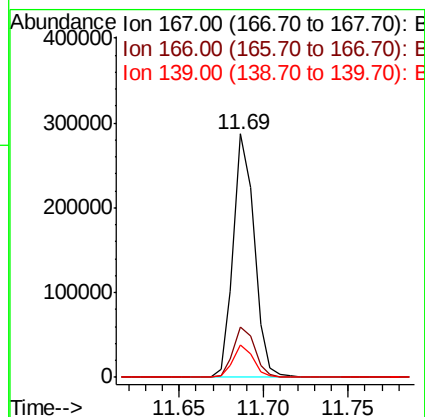
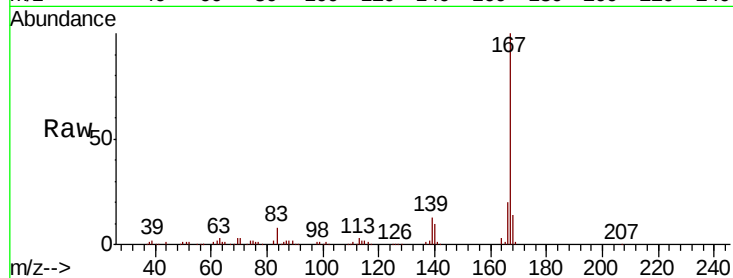




#73  
 Carbazole  
 Concen: 5.793 ng  
 RT: 11.69 min Scan# 1632  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

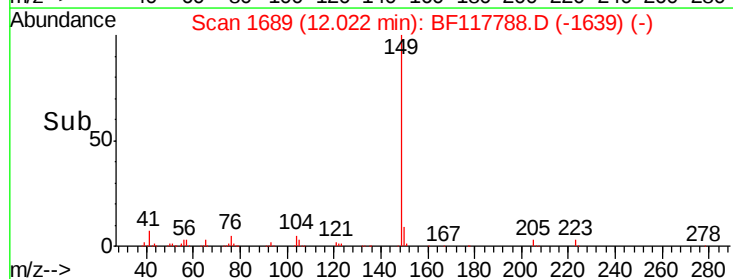
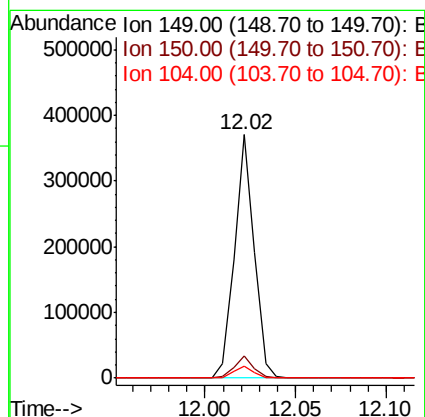
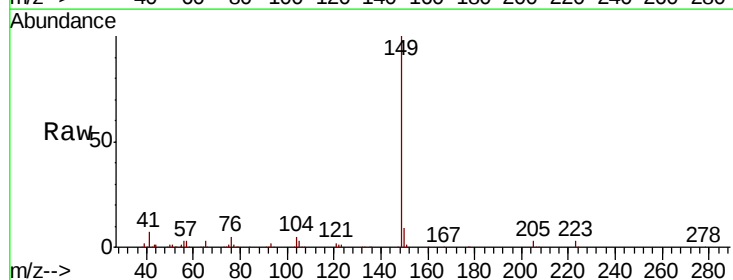
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

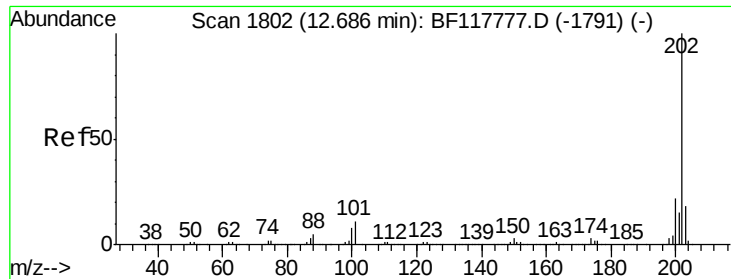
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.5  | 18.0  | 27.0  |
| 139     | 13.1  | 11.7  | 17.5  |



#74  
 Di-n-butylphthalate  
 Concen: 5.227 ng  
 RT: 12.02 min Scan# 1689  
 Delta R.T. -0.01 min  
 Lab File: BF117788.D  
 Acq: 14 Nov 2019 11:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 7.9   | 11.9  |
| 104     | 4.8   | 4.2   | 6.4   |

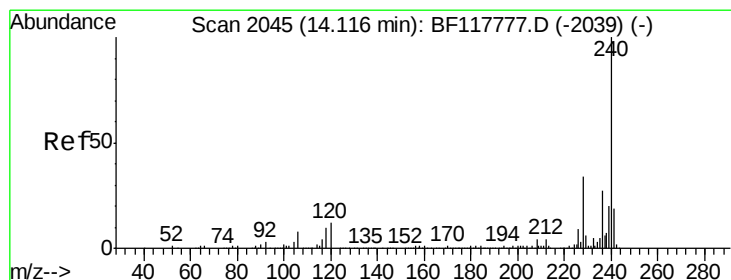
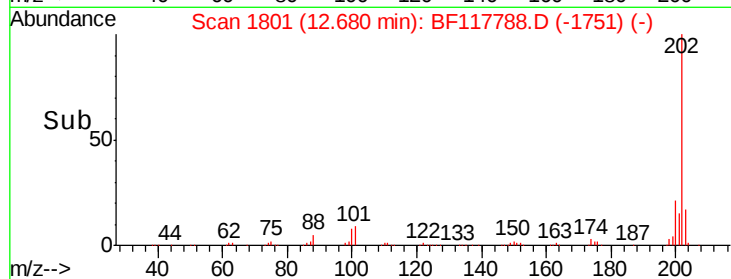
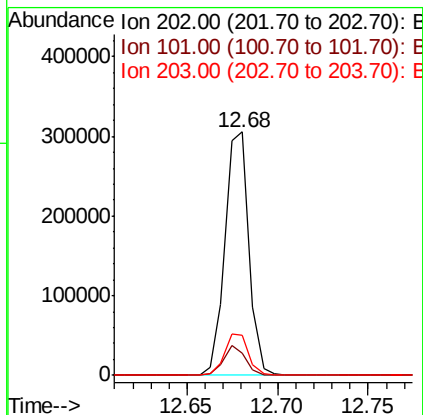
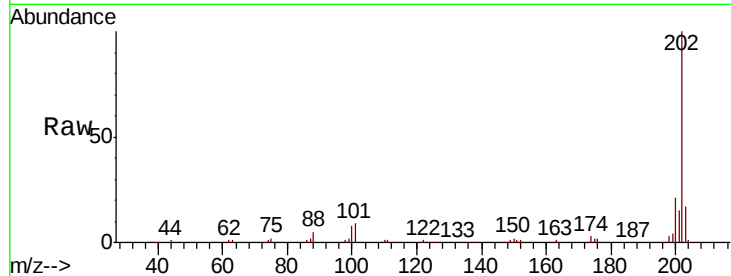




#75  
Fluoranthene  
Concen: 5.878 ng  
RT: 12.68 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

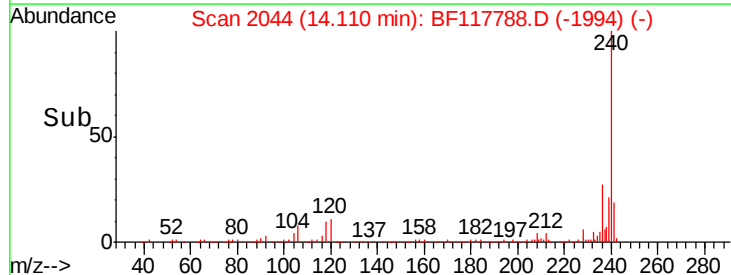
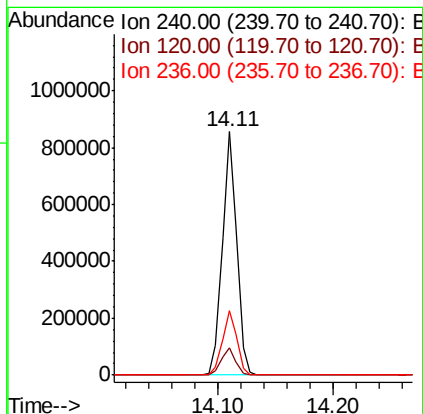
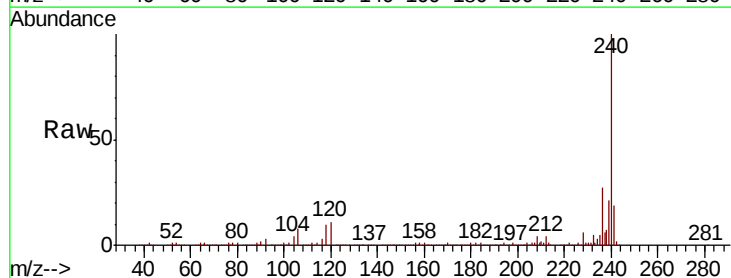
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

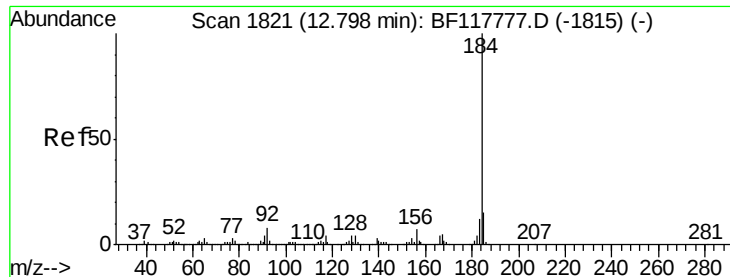
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.1   | 0.0   | 31.1  |
| 203     | 16.6  | 0.0   | 38.2  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.11 min Scan# 2044  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.4  | 9.5   | 14.3  |
| 236     | 26.6  | 21.3  | 31.9  |





#77

Benzidine

Concen: 5.026 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

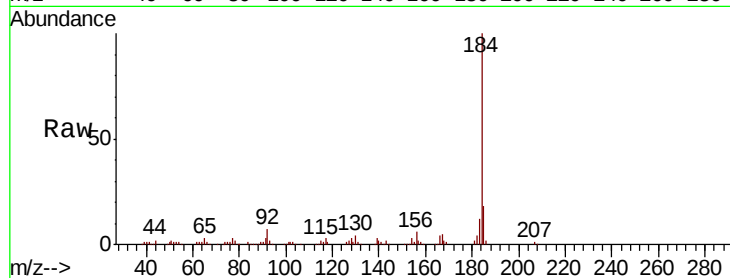
Tot Ion:184 Resp: 121985

Ion Ratio Lower Upper

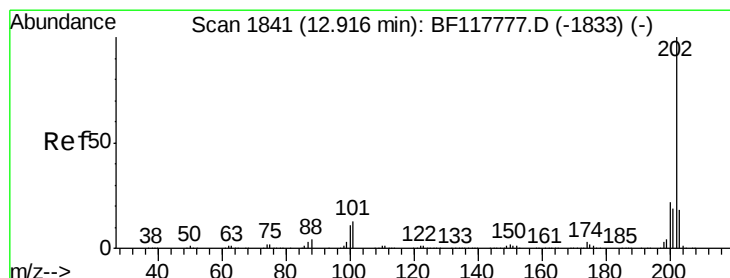
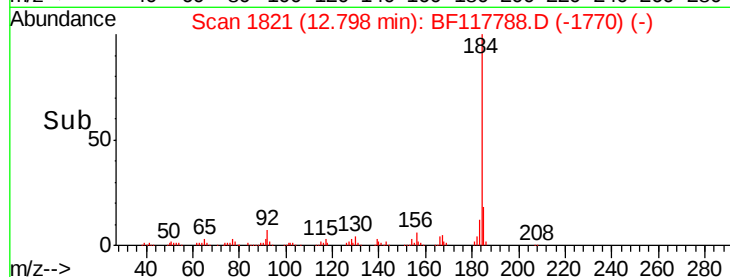
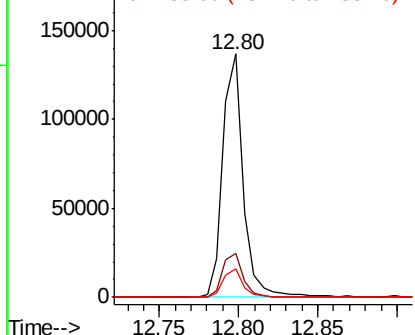
184 100

185 17.8 12.2 18.4

183 11.7 9.5 14.3



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: 4.936 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

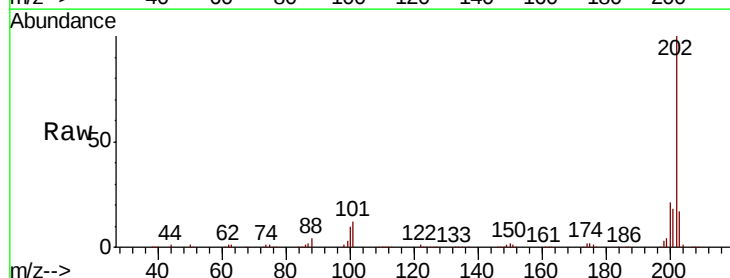
Tgt Ion:202 Resp: 295568

Ion Ratio Lower Upper

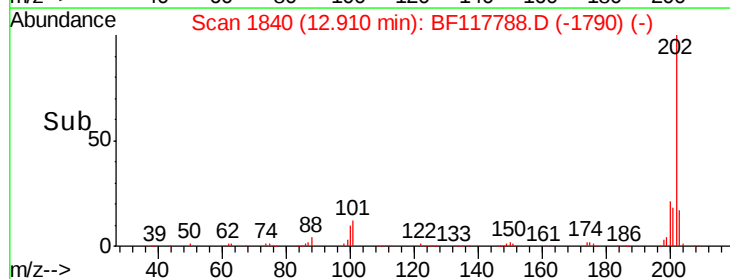
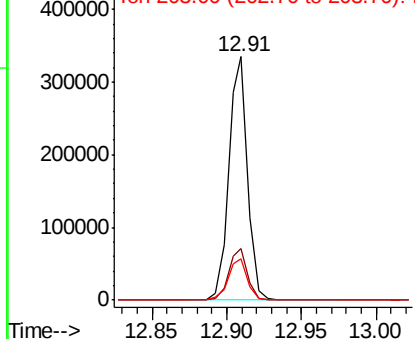
202 100

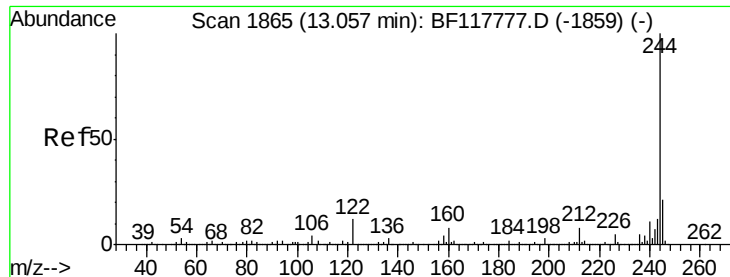
200 21.2 17.8 26.8

203 16.8 14.6 22.0



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: 83.205 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

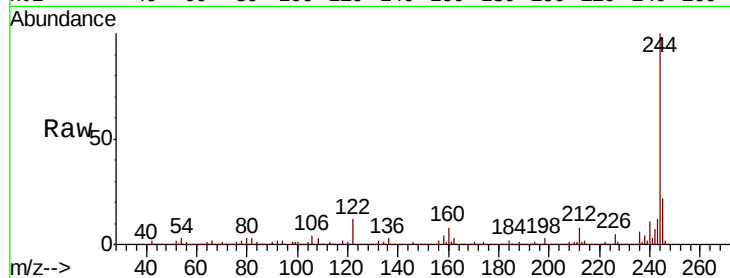
Tot Ion:244 Resp: 3373062

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

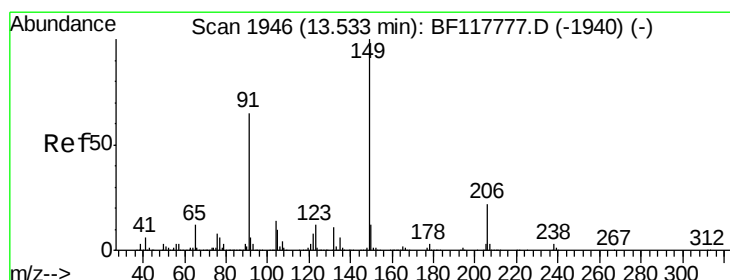
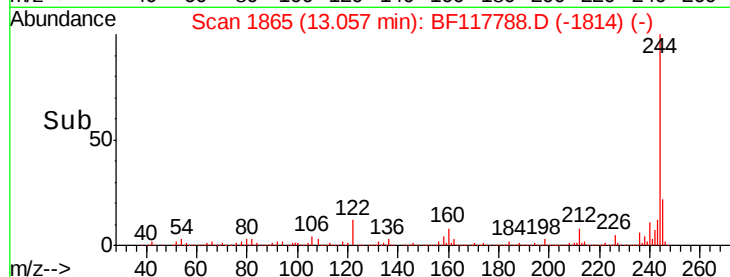
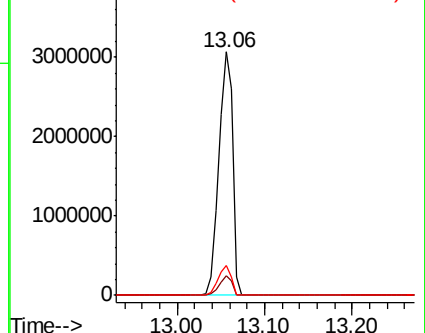
122 12.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.998 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

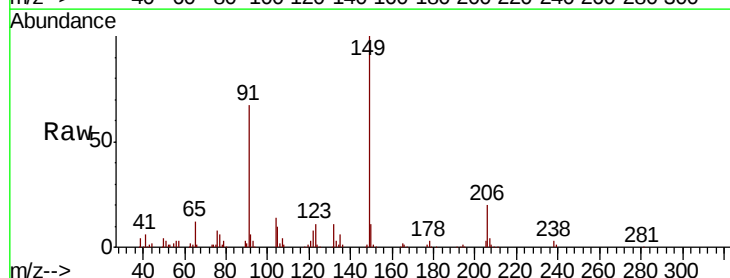
Tgt Ion:149 Resp: 102814

Ion Ratio Lower Upper

149 100

91 67.3 51.9 77.9

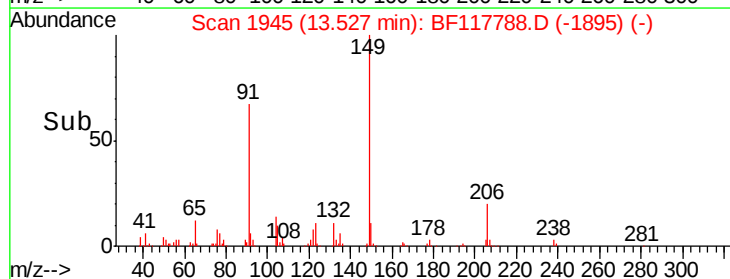
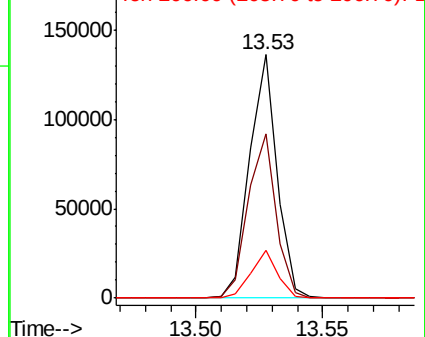
206 19.5 17.2 25.8

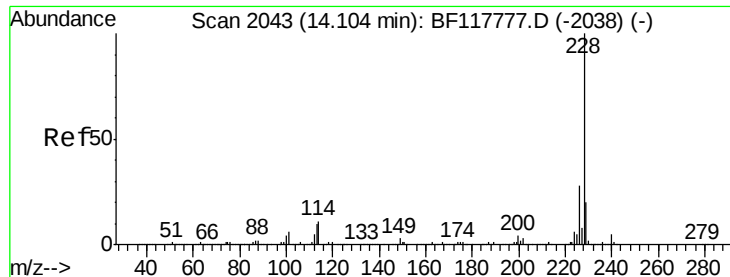


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 5.273 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

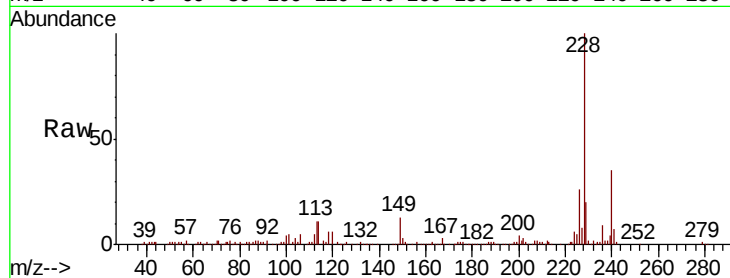
Tot Ion:228 Resp: 258171

Ion Ratio Lower Upper

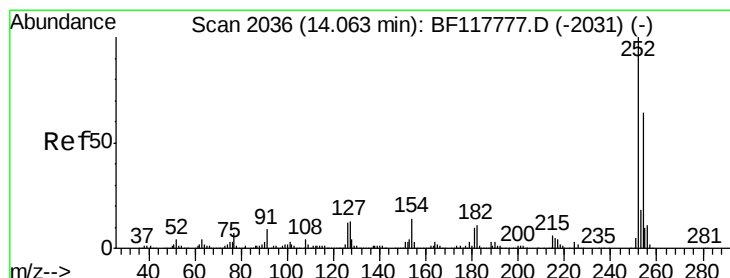
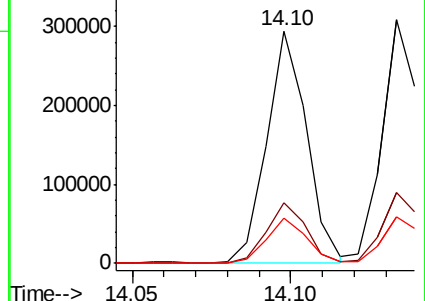
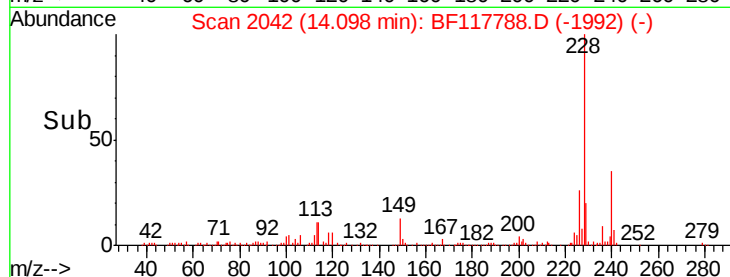
228 100

226 25.9 22.2 33.2

229 19.6 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 5.153 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

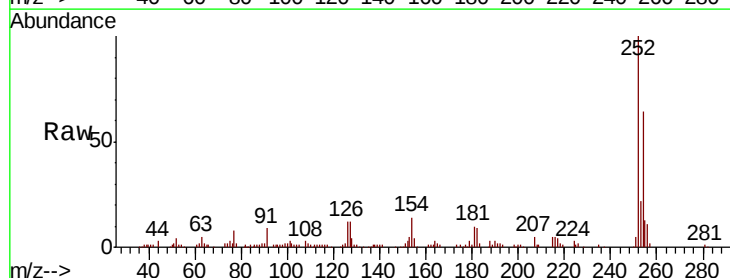
Tgt Ion:252 Resp: 88245

Ion Ratio Lower Upper

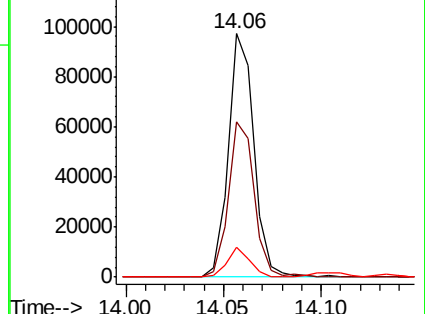
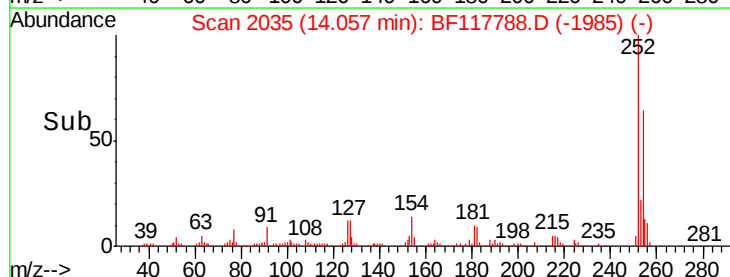
252 100

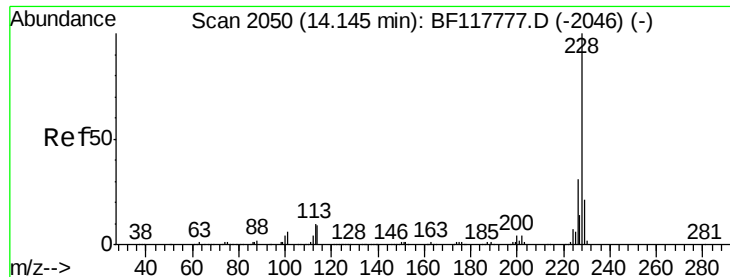
254 63.8 51.0 76.6

126 12.4 9.7 14.5



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

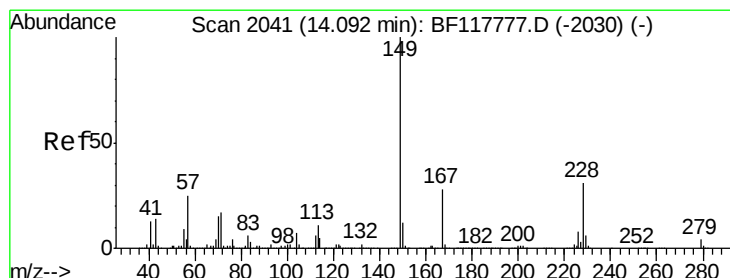
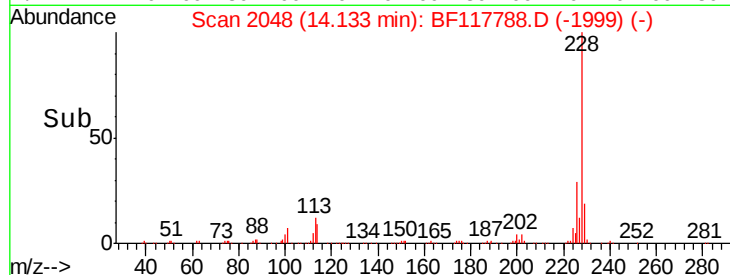
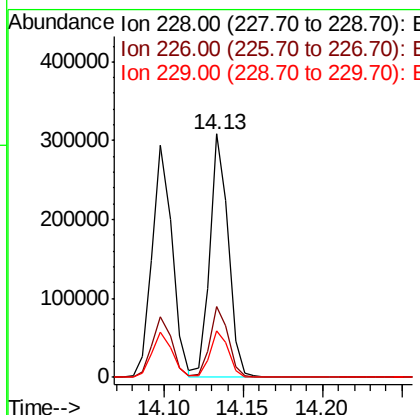
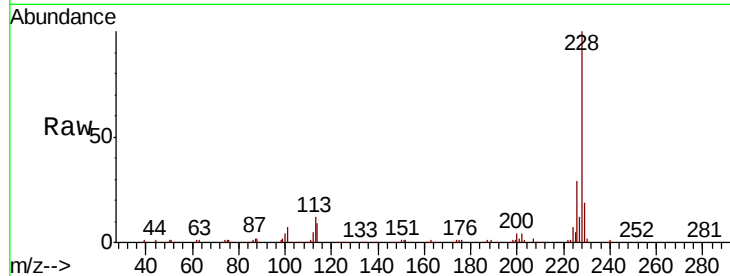




#83  
Chrysene  
Concen: 5.318 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

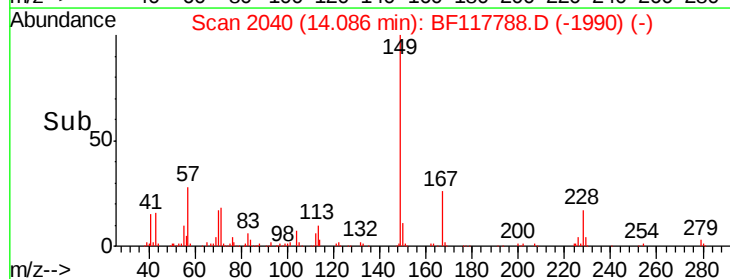
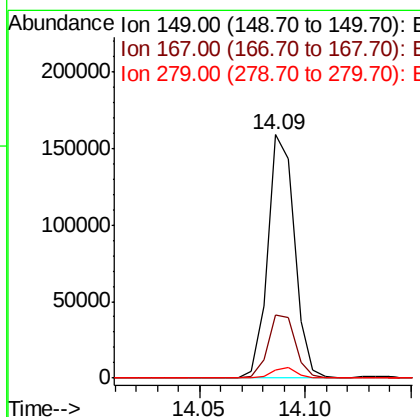
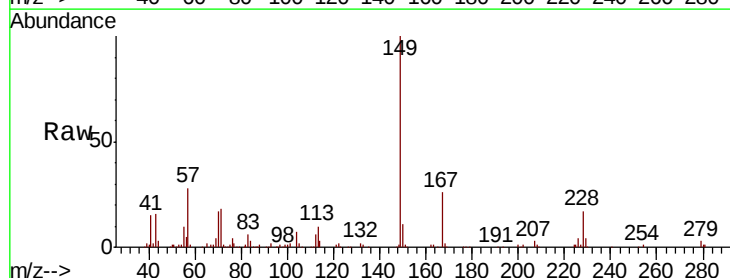
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

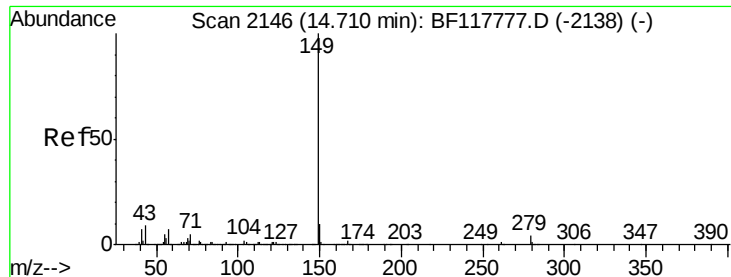
Tot Ion:228 Resp: 252288  
Ion Ratio Lower Upper  
228 100  
226 29.0 25.0 37.4  
229 19.3 16.6 25.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.521 ng  
RT: 14.09 min Scan# 2040  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

Tgt Ion:149 Resp: 140961  
Ion Ratio Lower Upper  
149 100  
167 25.7 22.2 33.2  
279 3.3 3.4 5.2#





#85

Di-n-octyl phthalate

Concen: 4.510 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

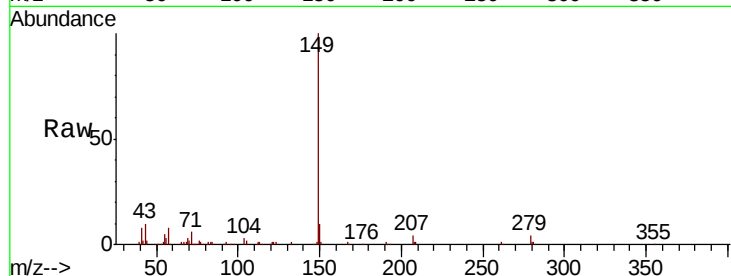
Tot Ion:149 Resp: 206570

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

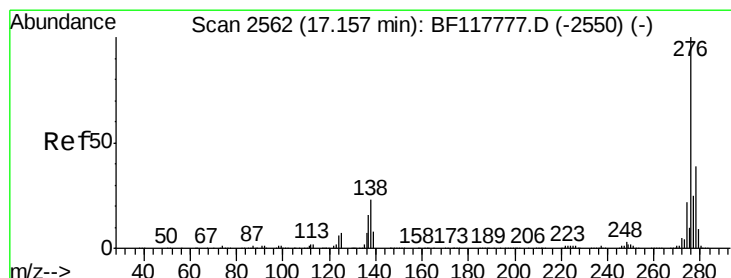
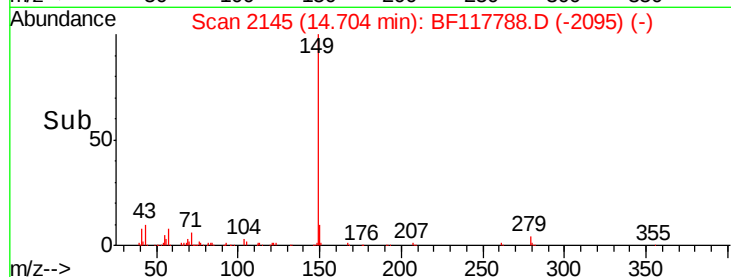
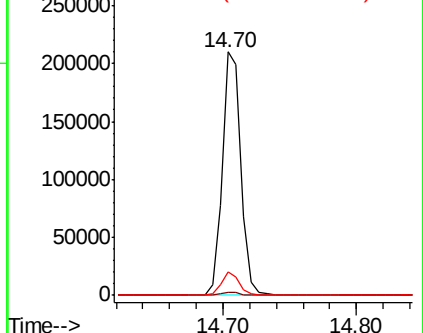
43 9.5 7.4 11.2



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): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.281 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

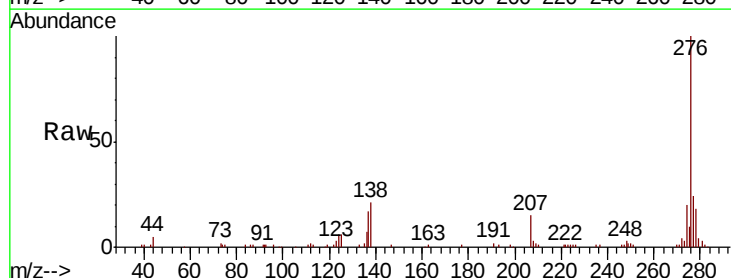
Tgt Ion:276 Resp: 172852

Ion Ratio Lower Upper

276 100

138 26.8 20.9 31.3

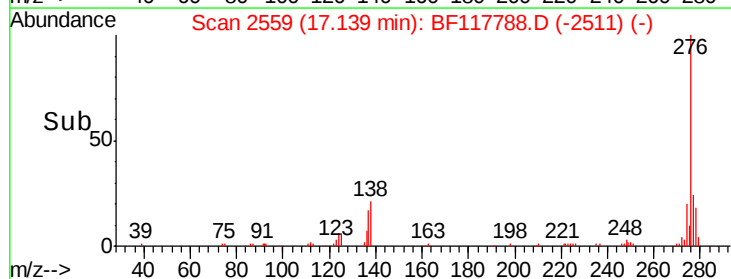
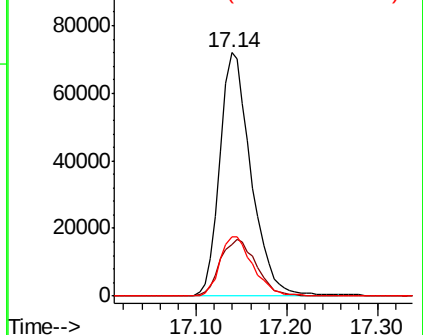
277 25.6 20.3 30.5

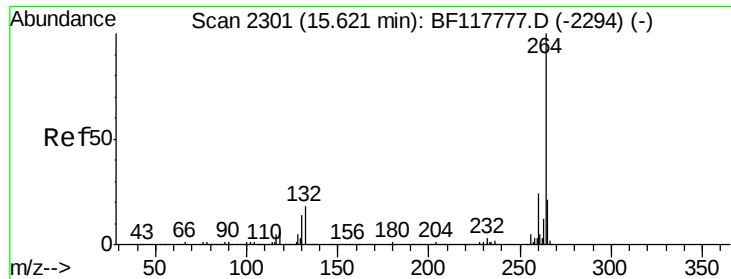


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.62 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

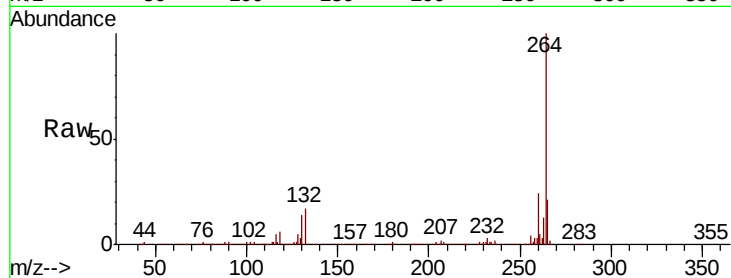
Tot Ion:264 Resp: 703363

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

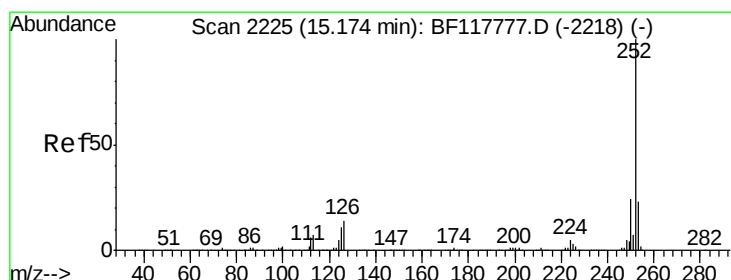
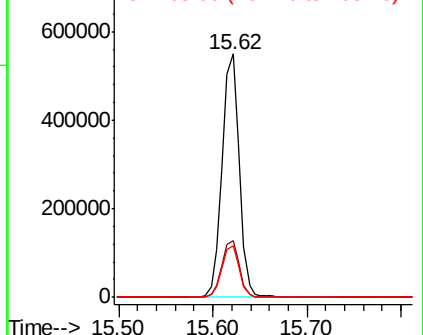
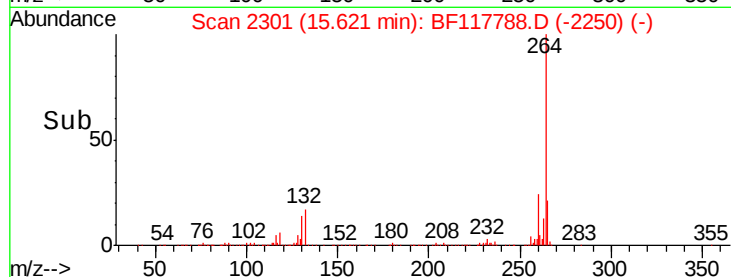
265 21.0 17.1 25.7



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: 5.025 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

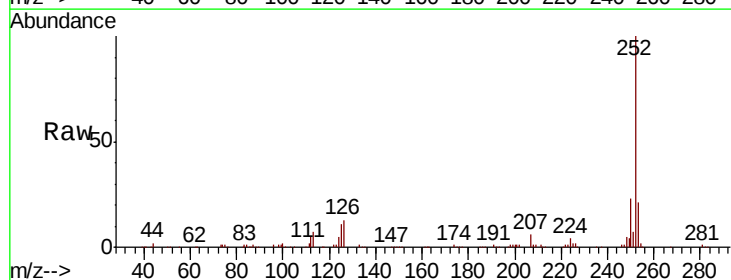
Tgt Ion:252 Resp: 229628

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

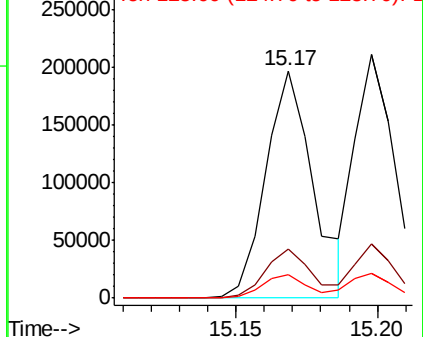
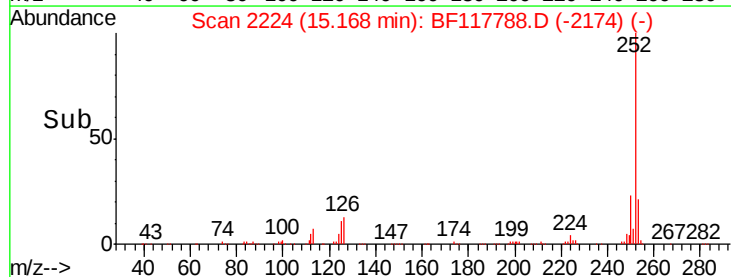
125 10.6 8.6 13.0

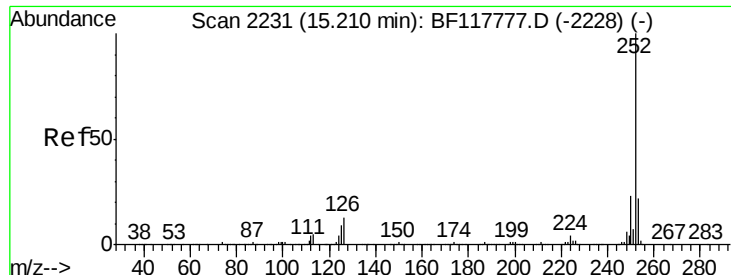


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

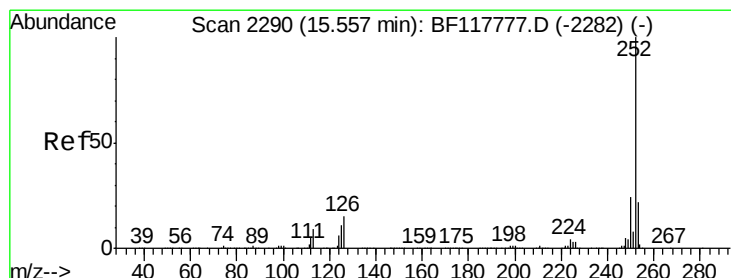
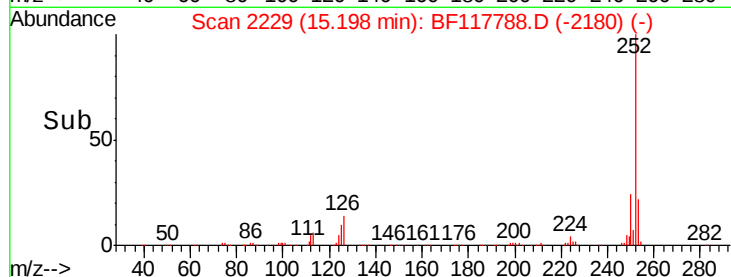
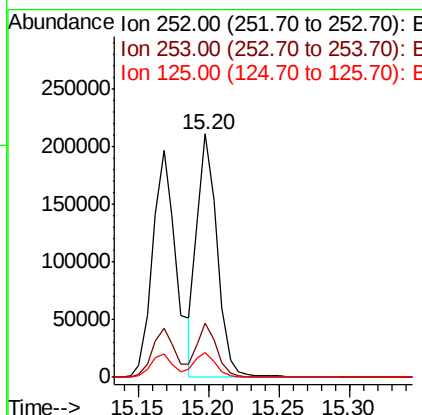
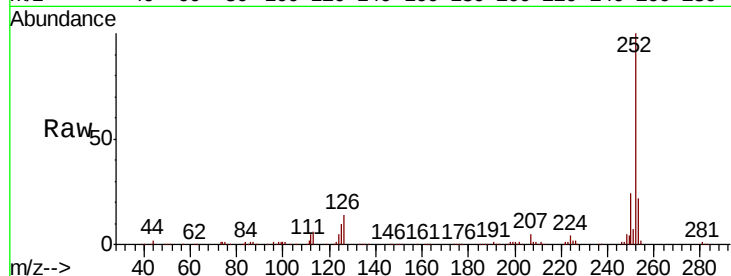




#89  
Benzo(k)fluoranthene  
Concen: 4.868 ng  
RT: 15.20 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

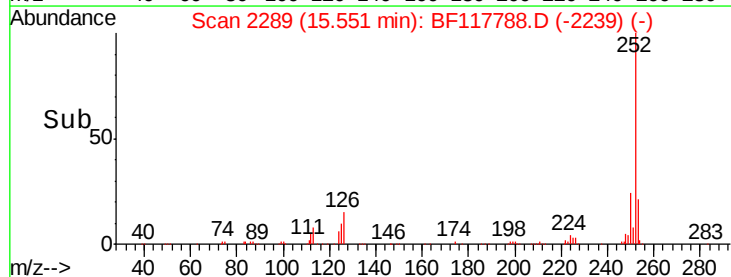
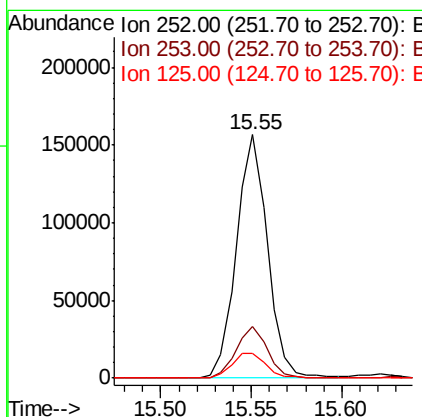
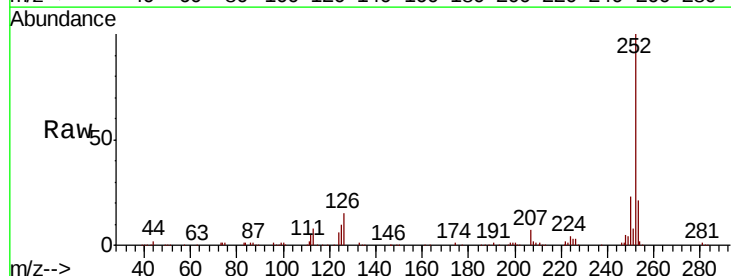
Instrument :  
BNA\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2019

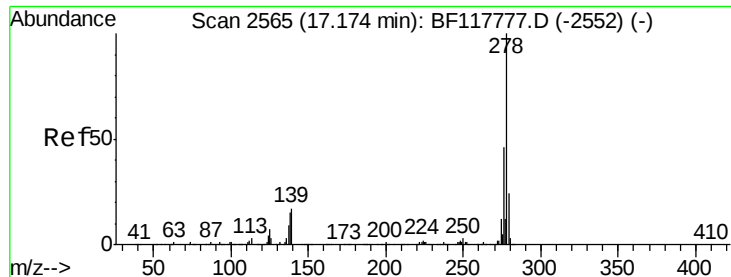
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 10.3  | 7.9   | 11.9  |



#90  
Benzo(a)pyrene  
Concen: 4.649 ng  
RT: 15.55 min Scan# 2289  
Delta R.T. -0.01 min  
Lab File: BF117788.D  
Acq: 14 Nov 2019 11:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.8  | 26.6  |
| 125     | 10.4  | 9.2   | 13.8  |





#91

Dibenzo(a,h)anthracene

Concen: 4.190 ng

RT: 17.16 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

Instrument :

BNA\_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

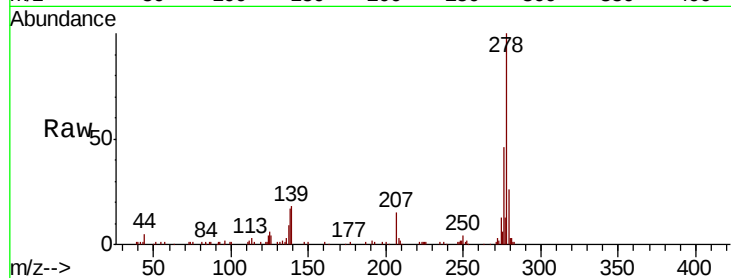
Tot Ion:278 Resp: 144925

Ion Ratio Lower Upper

278 100

139 17.7 13.8 20.8

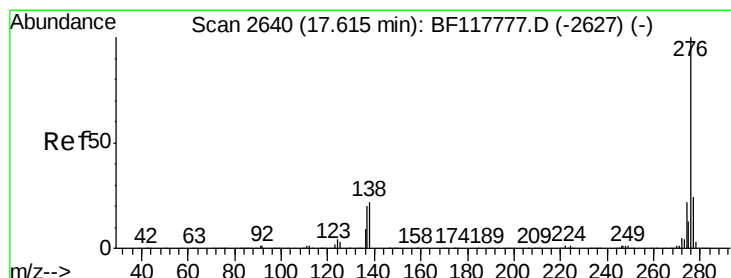
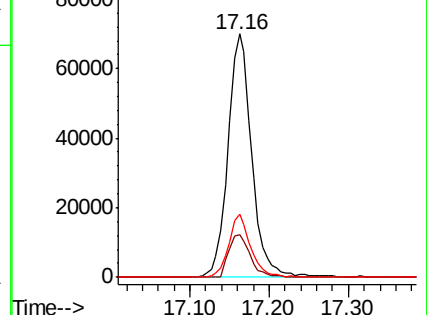
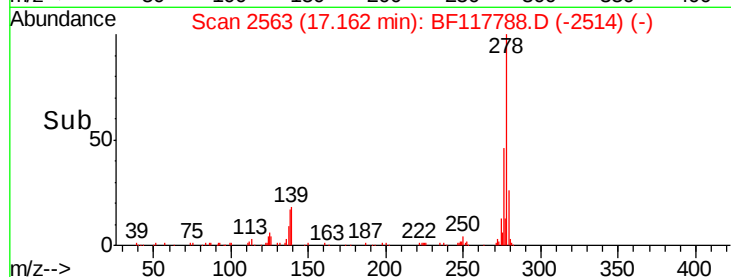
279 25.9 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 4.144 ng

RT: 17.60 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF117788.D

Acq: 14 Nov 2019 11:07

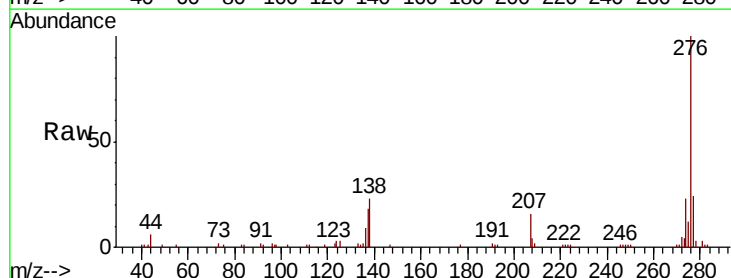
Tgt Ion:276 Resp: 142776

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

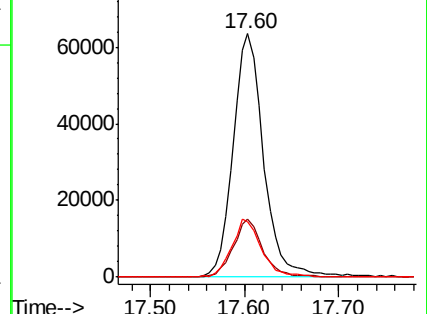
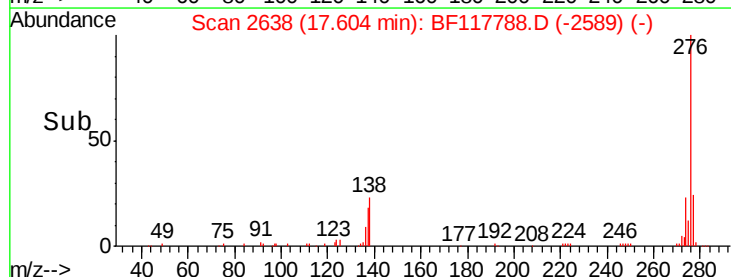
138 22.8 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\  
 Data File : BF117788.D  
 Acq On : 14 Nov 2019 11:07  
 Operator : JU  
 Sample : K5111-07  
 Misc : LOD-MDL-WTR-5PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Quant Time: Nov 14 11:53:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 14 10:38:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 247673   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 973197   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.97  | 164  | 522448   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.46 | 188  | 985013   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.11 | 240  | 740894   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.62 | 264  | 703363   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.53  | 112  | 1895775  | 135.49 | ng    | 0.00     |
| 7) Phenol-d6                | 6.55  | 99   | 2276457  | 134.89 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.49  | 82   | 1671281  | 102.09 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.76 | 330  | 747078   | 135.07 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 2910252  | 99.94  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.06 | 244  | 3373062  | 83.21  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.72 | 88   | 32902    | 5.031 | ng    | 99     |
| 3) Pyridine                    | 3.54 | 79   | 73640    | 4.292 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42   | 36545    | 4.880 | ng    | # 98   |
| 6) Aniline                     | 6.59 | 93   | 124459   | 5.581 | ng    | 99     |
| 8) 2-Chlorophenol              | 6.70 | 128  | 84667    | 5.577 | ng    | 91     |
| 9) Benzaldehyde                | 6.47 | 77   | 71162    | 6.750 | ng    | 96     |
| 10) Phenol                     | 6.56 | 94   | 94822    | 5.407 | ng    | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93   | 79867    | 5.671 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146  | 97554    | 5.458 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146  | 99516    | 5.508 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146  | 92340    | 5.344 | ng    | 97     |
| 15) Benzyl Alcohol             | 7.06 | 79   | 56719    | 4.353 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45   | 112818   | 5.203 | ng    | 99     |
| 17) 2-Methylphenol             | 7.16 | 107  | 69794    | 5.428 | ng    | 99     |
| 18) Hexachloroethane           | 7.44 | 117  | 33322    | 5.021 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70   | 59163    | 5.682 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.32 | 107  | 91333    | 5.723 | ng    | 95     |
| 22) Acetophenone               | 7.33 | 105  | 123832   | 5.664 | ng    | 96     |
| 24) Nitrobenzene               | 7.50 | 77   | 96296    | 5.702 | ng    | 99     |
| 25) Isophorone                 | 7.74 | 82   | 161926   | 5.396 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.82 | 139  | 40165    | 4.886 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 7.85 | 122  | 74077    | 5.799 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93   | 100736   | 5.291 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 8.06 | 162  | 71782    | 5.181 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.15 | 180  | 83502    | 5.196 | ng    | 98     |
| 31) Naphthalene                | 8.23 | 128  | 266433   | 5.873 | ng    | 97     |
| 32) Benzoic acid               | 7.90 | 122  | 24122    | 2.255 | ng    | 97     |
| 33) 4-Chloroaniline            | 8.27 | 127  | 105426   | 5.191 | ng    | 97     |
| 34) Hexachlorobutadiene        | 8.35 | 225  | 46776    | 4.978 | ng    | 98     |
| 35) Caprolactam                | 8.60 | 113  | 21701    | 4.928 | ng    | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.75 | 107  | 73220    | 5.207 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.92 | 142  | 179094   | 5.842 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 9.02 | 142  | 170574   | 5.886 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216  | 79076    | 5.212 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\  
 Data File : BF117788.D  
 Acq On : 14 Nov 2019 11:07  
 Operator : JU  
 Sample : K5111-07  
 Misc : LOD-MDL-WTR-5PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2019

Quant Time: Nov 14 11:53:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 14 10:38:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.08  | 237  | 41401    | 4.869 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.20  | 196  | 49893    | 4.591 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.23  | 196  | 52864    | 4.685 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.39  | 154  | 224931   | 5.803 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.42  | 162  | 167646   | 5.258 | nq    | 95       |
| 48) 2-Nitroaniline             | 9.50  | 65   | 41508    | 4.312 | nq    | 96       |
| 49) Acenaphthylene             | 9.83  | 152  | 269070   | 5.788 | nq    | 97       |
| 50) Dimethylphthalate          | 9.68  | 163  | 188852   | 5.155 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.74  | 165  | 39352    | 4.915 | nq    | 98       |
| 52) Acenaphthene               | 10.00 | 154  | 163880   | 5.503 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.91  | 138  | 42962    | 4.484 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 10.02 | 184  | 9608     | 2.703 | nq    | # 3      |
| 55) Dibenzofuran               | 10.17 | 168  | 239903   | 5.817 | nq    | 95       |
| 56) 4-Nitrophenol              | 10.06 | 139  | 32345    | 4.523 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.15 | 165  | 48521    | 4.764 | nq    | 99       |
| 58) Fluorene                   | 10.52 | 166  | 186416   | 5.833 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.29 | 232  | 45955    | 4.957 | nq    | 98       |
| 60) Diethylphthalate           | 10.39 | 149  | 184679   | 5.170 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.51 | 204  | 90963    | 5.609 | nq    | 97       |
| 62) 4-Nitroaniline             | 10.52 | 138  | 43494    | 4.534 | nq    | 90       |
| 63) Azobenzene                 | 10.67 | 77   | 176550   | 5.433 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.56 | 198  | 16549    | 3.599 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.63 | 169  | 158146   | 5.517 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 11.00 | 248  | 54222    | 5.102 | nq    | 95       |
| 68) Hexachlorobenzene          | 11.07 | 284  | 64256    | 5.185 | nq    | 97       |
| 69) Atrazine                   | 11.15 | 200  | 43864    | 4.652 | nq    | 99       |
| 70) Pentachlorophenol          | 11.26 | 266  | 29017    | 4.008 | nq    | 96       |
| 71) Phenanthrene               | 11.49 | 178  | 285168   | 5.758 | nq    | 97       |
| 72) Anthracene                 | 11.54 | 178  | 288950   | 5.885 | nq    | 97       |
| 73) Carbazole                  | 11.69 | 167  | 248546   | 5.793 | nq    | 96       |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 279229   | 5.227 | nq    | 98       |
| 75) Fluoranthene               | 12.68 | 202  | 281582   | 5.878 | nq    | 96       |
| 77) Benzidine                  | 12.80 | 184  | 121985   | 5.026 | nq    | 96       |
| 78) Pyrene                     | 12.91 | 202  | 295568   | 4.936 | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 102814   | 3.998 | nq    | 97       |
| 81) Benzo(a)anthracene         | 14.10 | 228  | 258171   | 5.273 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.06 | 252  | 88245    | 5.153 | nq    | 100      |
| 83) Chrysene                   | 14.13 | 228  | 252288   | 5.318 | nq    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 140961   | 4.521 | nq    | # 96     |
| 85) Di-n-octyl phthalate       | 14.70 | 149  | 206570   | 4.510 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.14 | 276  | 172852   | 4.281 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.17 | 252  | 229628   | 5.025 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.20 | 252  | 209599   | 4.868 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.55 | 252  | 186798   | 4.649 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.16 | 278  | 144925   | 4.190 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.60 | 276  | 142776   | 4.144 | nq    | 99       |

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