

Data File : BP001748.D  
Acq On : 14 Feb 2020 16:39  
Operator : CG/JU  
Sample : K5695-08  
Misc : MDL-WATER-01  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

Quant Time: Feb 15 04:48:15 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Feb 15 04:45:21 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 182390   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 885870   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.33 | 164  | 611460   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.09 | 188  | 1389332  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.17 | 240  | 1563388  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.42 | 264  | 1768423  | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 20973   | 5.49  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.88  | 99  | 500956  | 32.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 351794  | 38.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 394041  | 34.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.41  | 113 | 422149  | 33.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 258325  | 37.91 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 156425  | 29.26 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 407155  | 32.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.61 | 131 | 714944  | 45.28 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.75 | 166 | 1703462 | 38.72 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.03 | 160 | 2215201 | 39.88 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.53 | 143 | 207205  | 25.38 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.33 | 176 | 1541867 | 38.68 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 117214  | 20.94 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.19 | 188 | 2484810 | 39.35 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 2890960 | 38.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 3221959 | 38.49 | ng/ul | 0.00 |

#### Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 3862   | 0.920 ng/uL# | 82     |
| 4) Benzaldehyde                | 6.85  | 77  | 48961  | 4.870 ng/ul  | 98     |
| 6) Phenol                      | 6.90  | 94  | 59327  | 3.588 ng/ul  | 92     |
| 8) Bis(2-Chloroethyl)ether     | 7.14  | 93  | 56537  | 4.316 ng/ul  | 97     |
| 10) 2-Chlorophenol             | 7.28  | 128 | 45335  | 3.770 ng/ul  | 96     |
| 11) 2-Methylphenol             | 8.15  | 108 | 41591  | 3.256 ng/ul  | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 73213  | 4.357 ng/ul  | 99     |
| 14) Acetophenone               | 8.52  | 105 | 91520  | 4.377 ng/ul  | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.51  | 70  | 43387  | 4.174 ng/ul  | 97     |
| 16) 4-Methylphenol             | 8.47  | 108 | 49510  | 3.515 ng/ul  | 96     |
| 17) Hexachloroethane           | 8.79  | 117 | 22762  | 4.347 ng/ul  | 94     |
| 20) Nitrobenzene               | 8.89  | 77  | 70884  | 4.279 ng/ul  | 99     |
| 21) Isophorone                 | 9.42  | 82  | 120822 | 3.842 ng/ul  | 100    |
| 23) 2-Nitrophenol              | 9.60  | 139 | 19788  | 3.097 ng/ul  | 96     |
| 24) 2,4-Dimethylphenol         | 9.67  | 107 | 50452  | 3.404 ng/ul  | 94     |
| 25) Bis(2-Chloroethoxy)methane | 9.90  | 93  | 81403  | 4.127 ng/ul  | 100    |
| 27) 2,4-Dichlorophenol         | 10.13 | 162 | 46251  | 3.585 ng/ul  | 89     |
| 28) Naphthalene                | 10.53 | 128 | 198612 | 4.150 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.63 | 127 | 74020  | 4.607 ng/ul  | 95     |
| 31) Hexachlorobutadiene        | 10.83 | 225 | 36932  | 4.122 ng/ul  | 95     |
| 32) Caprolactam                | 11.40 | 113 | 9634   | 2.031 ng/ul  | 97     |
| 33) 4-Chloro-3-methylphenol    | 11.76 | 107 | 38660  | 2.910 ng/ul  | 98     |
| 34) 2-Methylnaphthalene        | 12.15 | 142 | 142659 | 4.149 ng/ul  | 97     |

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.37 | 142  | 151887   | 4.448 | ng/ul  | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216  | 77414    | 4.045 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.51 | 237  | 34728    | 3.047 | ng/ul  | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.76 | 196  | 24149    | 2.481 | ng/ul  | 95       |
| 40) 2,4,5-Trichlorophenol      | 12.83 | 196  | 25073    | 2.285 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.17 | 154  | 195110   | 4.162 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.20 | 162  | 153329   | 4.133 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.40 | 65   | 26294    | 2.864 | ng/ul  | 97       |
| 45) Dimethylphthalate          | 13.80 | 163  | 189390   | 4.077 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 13.90 | 165  | 27787    | 3.089 | ng/ul# | 88       |
| 48) Acenaphthylene             | 14.05 | 152  | 255731   | 4.266 | ng/ul  | 100      |
| 49) 3-Nitroaniline             | 14.23 | 138  | 27443    | 3.146 | ng/ul  | 96       |
| 50) Acenaphthene               | 14.40 | 153  | 165587   | 4.118 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.43 | 184  | 5042     | 1.549 | ng/ul  | 98       |
| 53) 4-Nitrophenol              | 14.54 | 109  | 19443    | 3.052 | ng/ul  | 90       |
| 54) Dibenzofuran               | 14.73 | 168  | 243775   | 4.302 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 14.69 | 165  | 43302    | 3.269 | ng/ul  | 93       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 22924    | 2.456 | ng/ul  | 96       |
| 57) Diethylphthalate           | 15.17 | 149  | 163272   | 3.608 | ng/ul  | 98       |
| 59) Fluorene                   | 15.39 | 166  | 200469   | 4.256 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.39 | 204  | 102847   | 4.317 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 15.39 | 138  | 31207    | 2.949 | ng/ul  | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198  | 15126    | 2.393 | ng/ul# | 58       |
| 65) N-Nitrosodiphenylamine     | 15.60 | 169  | 152221   | 3.872 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.29 | 248  | 57242    | 3.871 | ng/ul  | 97       |
| 67) Hexachlorobenzene          | 16.40 | 284  | 72716    | 4.161 | ng/ul  | 99       |
| 68) Atrazine                   | 16.56 | 200  | 39614    | 2.694 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.83 | 266  | 143      | 0.017 | ng/ul  | 96       |
| 70) Phenanthrene               | 17.13 | 178  | 330828   | 4.228 | ng/ul  | 99       |
| 72) Anthracene                 | 17.22 | 178  | 334037   | 4.251 | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.13 | 216  | 88007    | 4.211 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.66 | 250  | 83940    | 3.948 | ng/uL  | 98       |
| 75) Carbazole                  | 17.49 | 167  | 239958   | 3.613 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.07 | 149  | 186612   | 2.667 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.10 | 202  | 351111   | 4.072 | ng/ul  | 98       |
| 80) Pyrene                     | 19.45 | 202  | 428808   | 4.258 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.35 | 149  | 50132    | 1.678 | ng/ul  | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.10 | 252  | 52270    | 1.713 | ng/ul  | 94       |
| 83) Benzo(a)anthracene         | 21.16 | 228  | 390254   | 3.812 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 120241   | 2.465 | ng/ul  | 100      |
| 85) Chrysene                   | 21.21 | 228  | 409561   | 4.140 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.00 | 149  | 156284   | 1.979 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.75 | 252  | 356193   | 3.480 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 22.79 | 252  | 429754   | 4.156 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 23.32 | 252  | 398447   | 4.102 | ng/ul  | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 25.68 | 276  | 441625   | 3.471 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.69 | 278  | 371541   | 3.500 | ng/ul  | 98       |
| 94) Benzo(g,h,i)perylene       | 26.36 | 276  | 376814   | 3.479 | ng/ul  | 99       |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP021420\  
Quantitation Report (Not Reviewed)

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Misc : MDL-WATER-01  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

Quant Time: Feb 15 04:48:15 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Feb 15 04:45:21 2020  
Response via : Initial Calibration

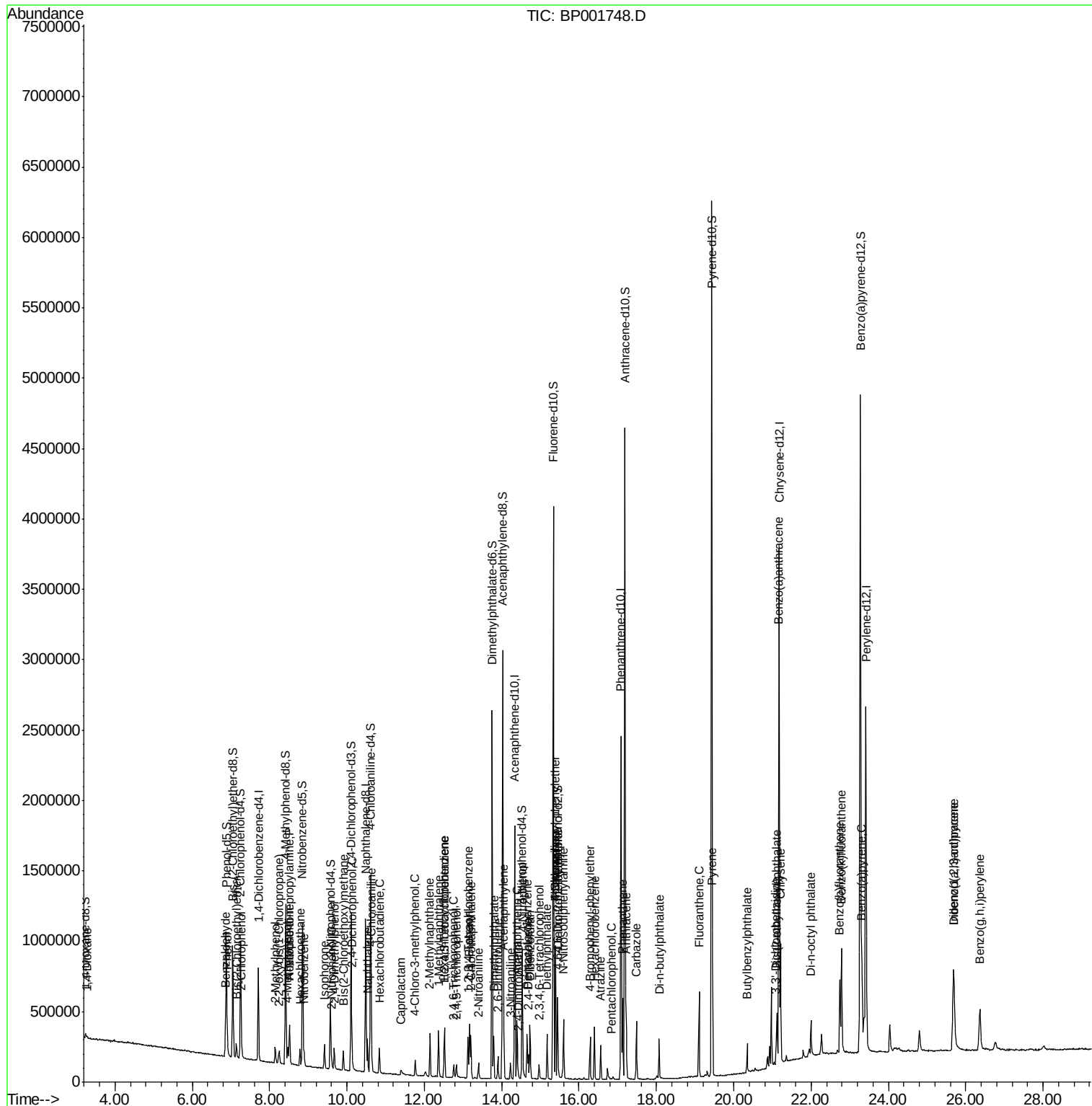
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
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| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

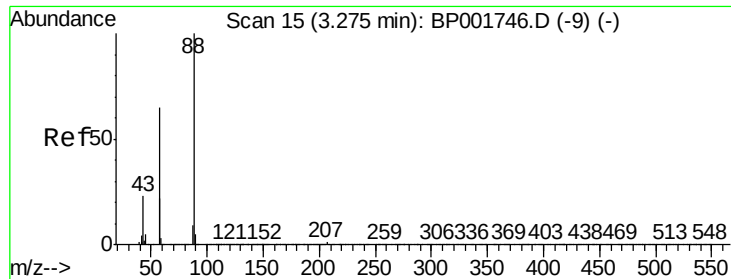
Data File : BP001748.D

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Acq On       : 14 Feb 2020 16:39
Operator    : CG/JU
Sample      : K5695-08
Misc       : MDL-WATER-01
ALS Vial    : 4      Sample Multipl
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BNA\_P  
**ClientSampleId :**  
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#2

1,4-Dioxane

Concen: 0.920 ng/uL

RT: 3.28 min Scan# 15

Delta R.T. 0.00 min

Lab File: BP001748.D

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Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

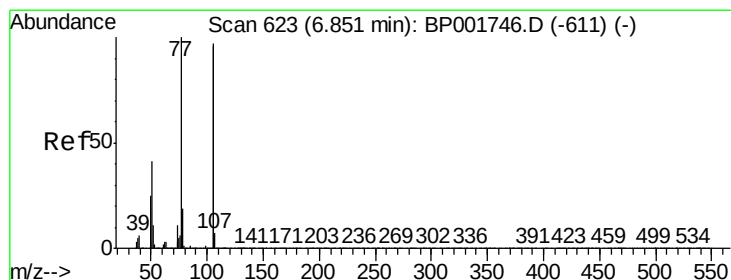
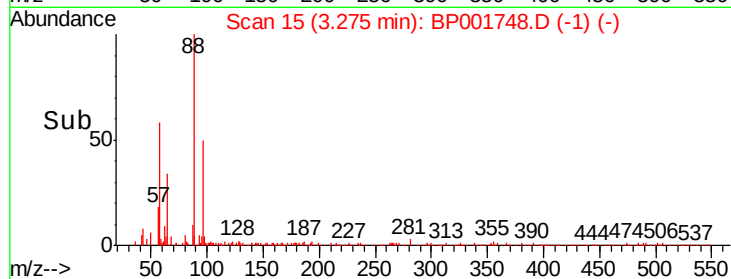
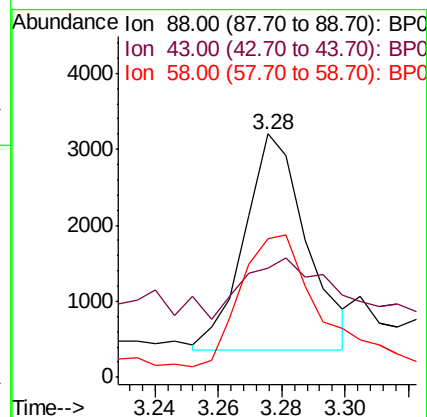
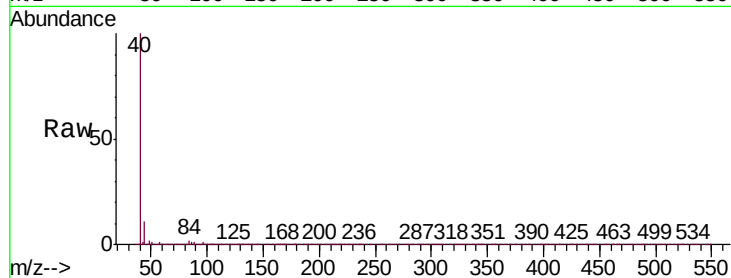
Tgt Ion: 88 Resp: 3862

Ion Ratio Lower Upper

88 100

43 45.0 23.0 34.6#

58 56.8 53.1 79.7



#4

Benzaldehyde

Concen: 4.870 ng/uL

RT: 6.85 min Scan# 623

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

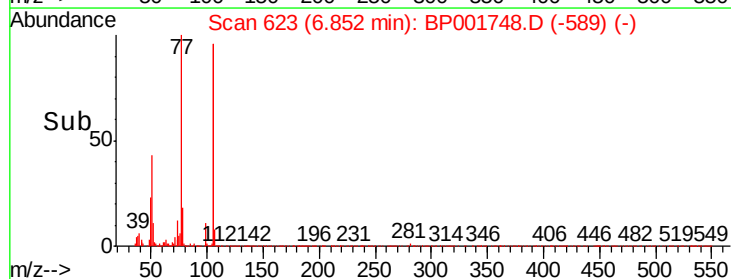
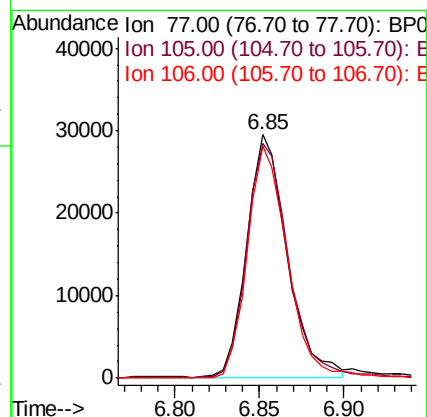
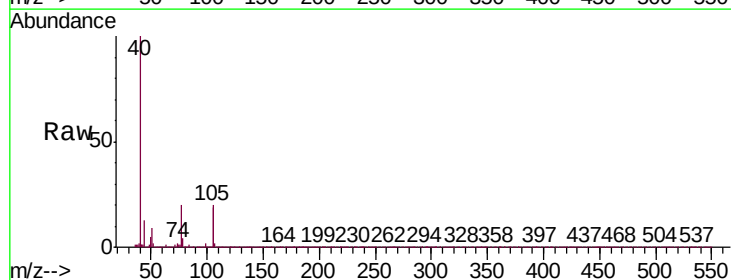
Tgt Ion: 77 Resp: 48961

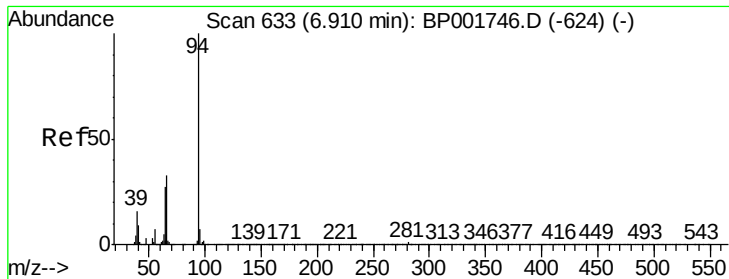
Ion Ratio Lower Upper

77 100

105 96.2 79.3 118.9

106 95.4 77.0 115.4





#6

Phenol

Concen: 3.588 ng/ul

RT: 6.90 min Scan# 632

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

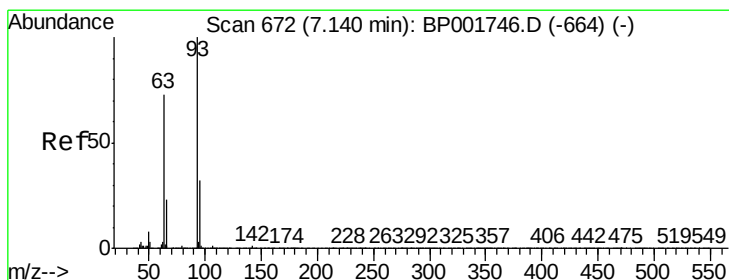
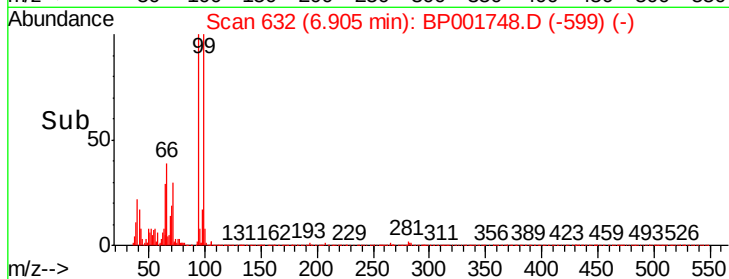
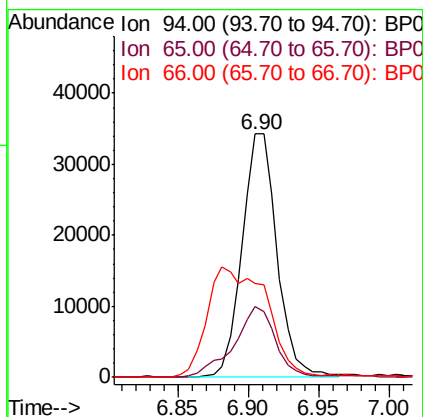
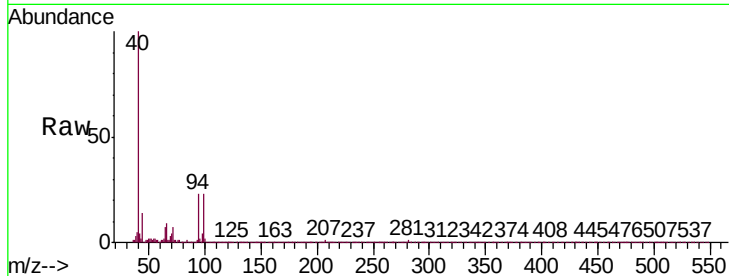
Tgt Ion: 94 Resp: 59327

Ion Ratio Lower Upper

94 100

65 28.8 20.7 31.1

66 38.7 26.9 40.3



#8

Bis(2-Chloroethyl)ether

Concen: 4.316 ng/ul

RT: 7.14 min Scan# 672

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

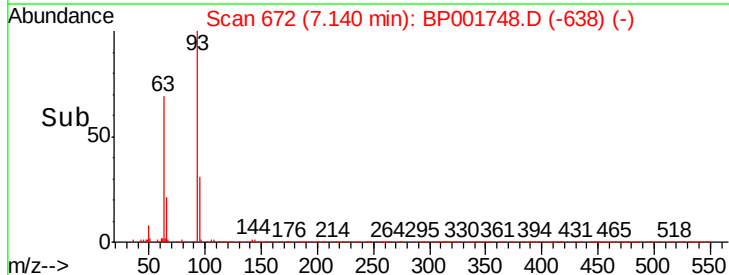
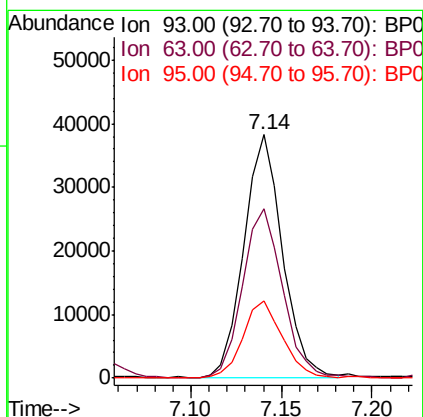
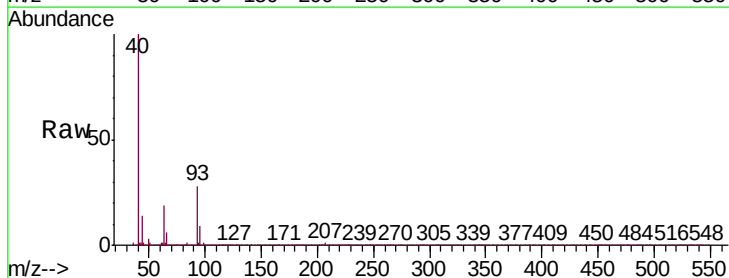
Tgt Ion: 93 Resp: 56537

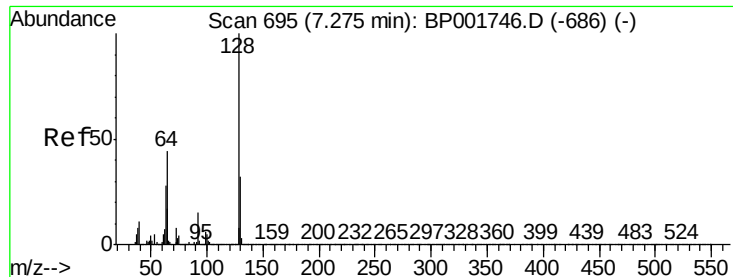
Ion Ratio Lower Upper

93 100

63 69.4 58.1 87.1

95 31.7 26.0 39.0

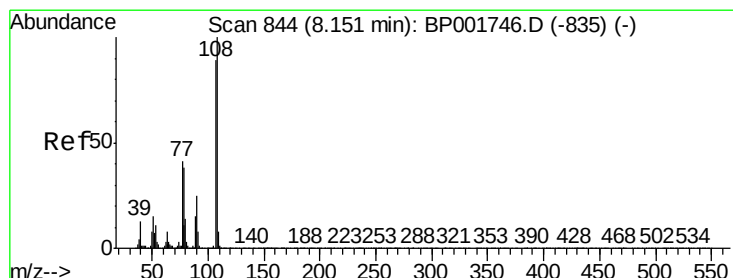
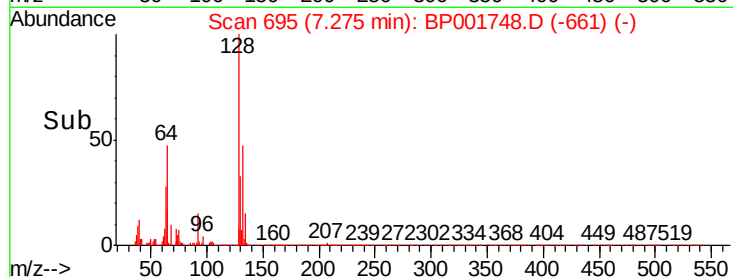
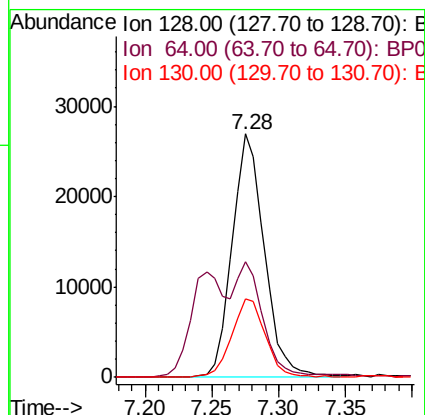
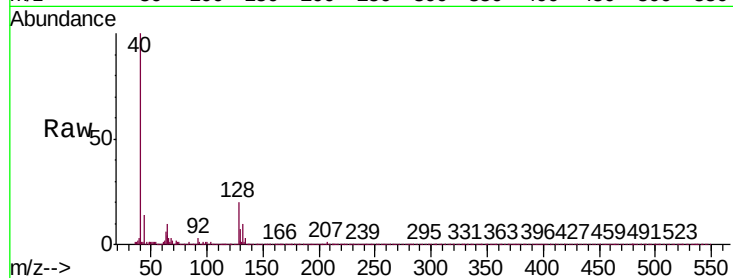




#10  
2-Chlorophenol  
Concen: 3.770 ng/ul  
RT: 7.28 min Scan# 695  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

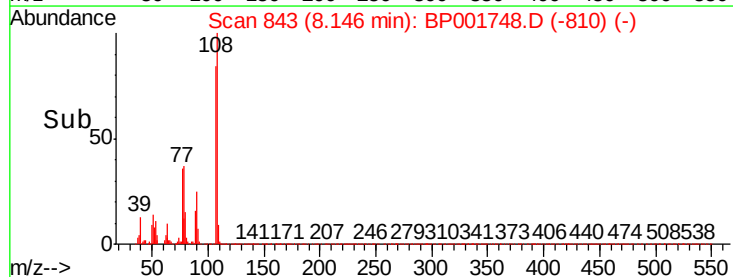
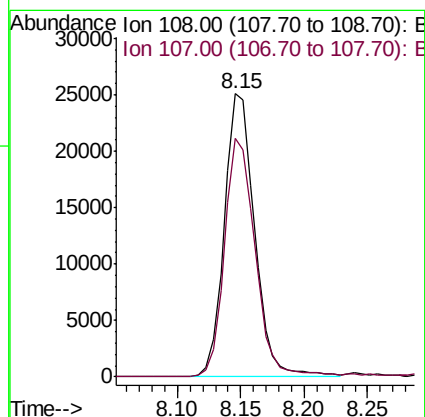
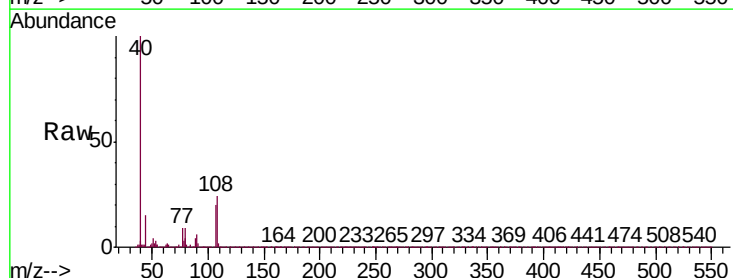
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 47.6  | 34.7  | 52.1  |
| 130     | 32.5  | 25.4  | 38.0  |

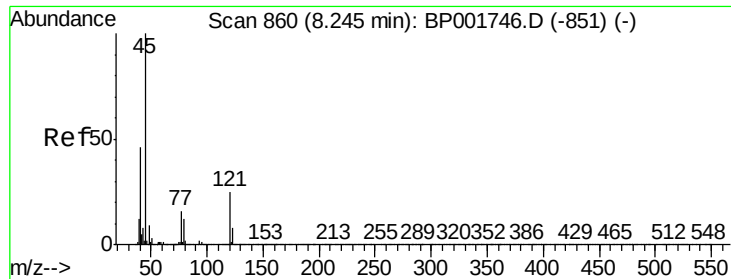


#11  
2-Methylphenol  
Concen: 3.256 ng/ul  
RT: 8.15 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 84.4  | 70.2  | 105.4 |



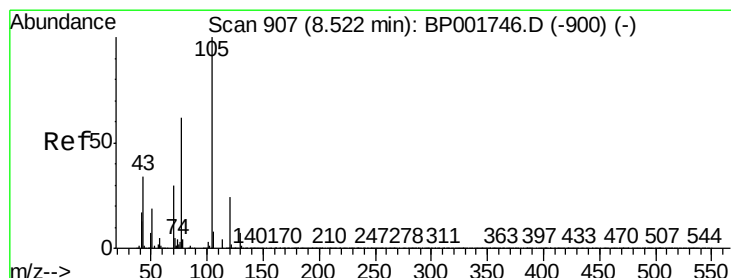
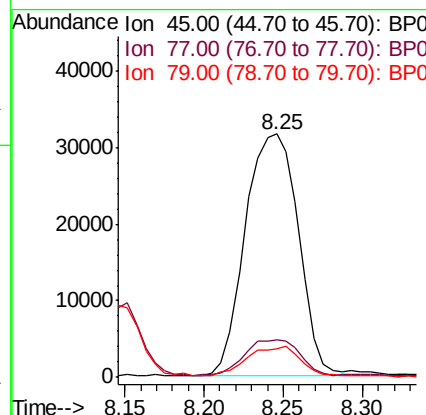
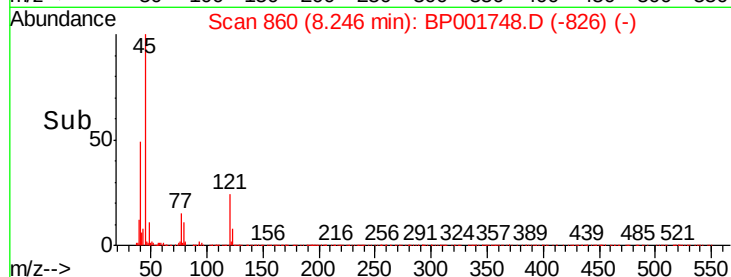
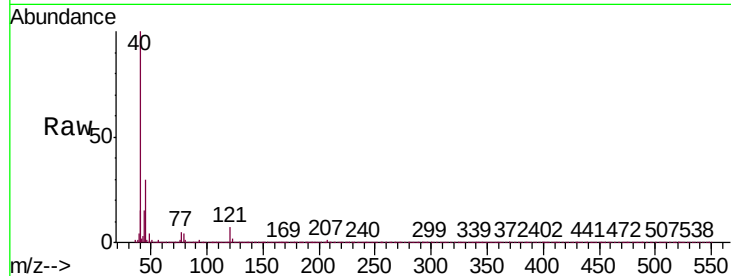




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 4.357 ng/ul  
RT: 8.25 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
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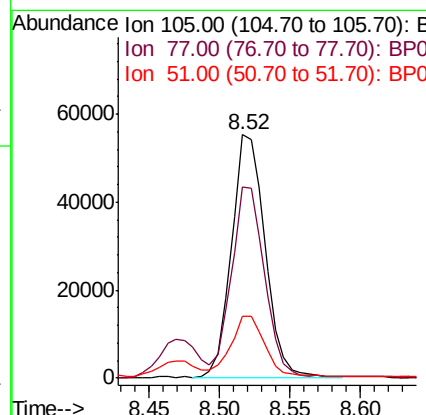
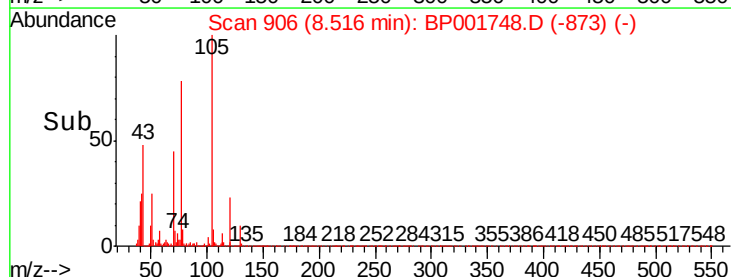
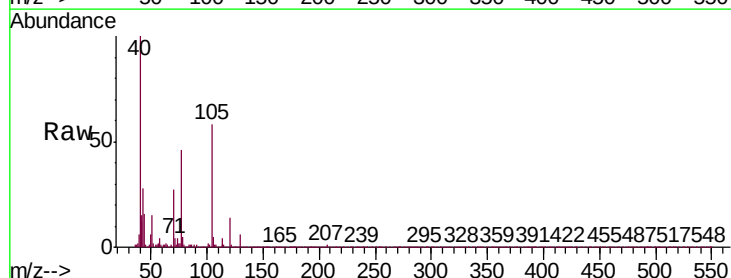
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

Tgt Ion: 45 Resp: 73213  
Ion Ratio Lower Upper  
45 100  
77 15.5 12.6 19.0  
79 11.6 9.7 14.5

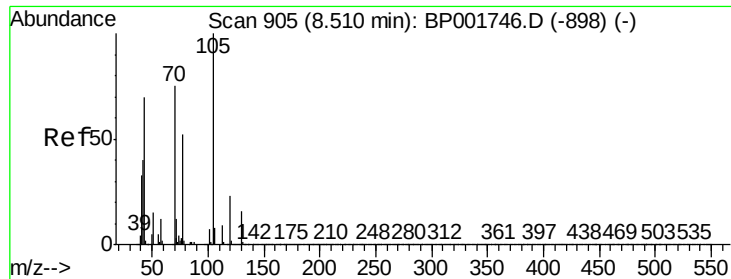


#14  
Acetophenone  
Concen: 4.377 ng/ul  
RT: 8.52 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion: 105 Resp: 91520  
Ion Ratio Lower Upper  
105 100  
77 78.3 60.6 91.0  
51 25.2 18.8 28.2



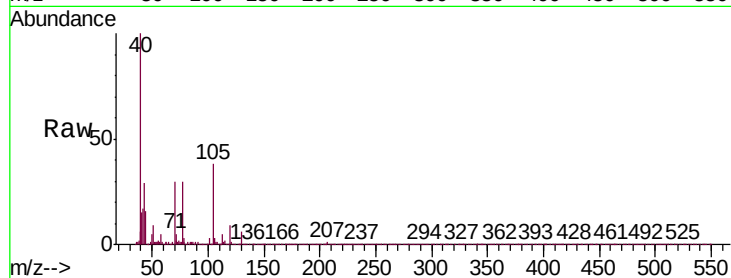




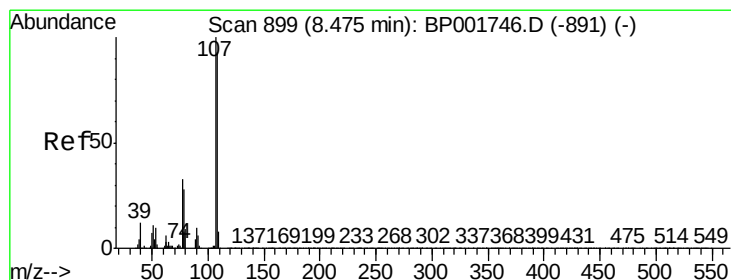
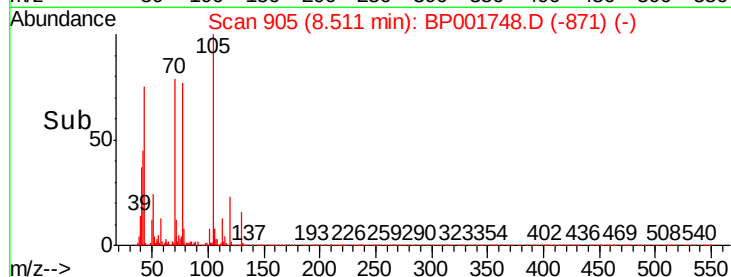
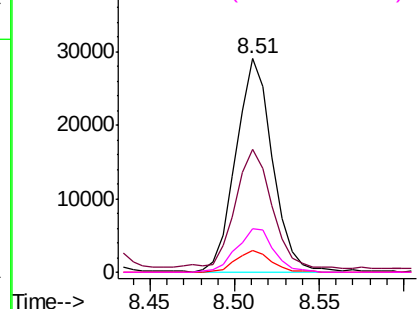
#15  
N-Nitroso-di-n-propylamine  
Concen: 4.174 ng/ul  
RT: 8.51 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 43387 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.8  | 45.0  | 67.4  |
| 101      | 10.4  | 7.9   | 11.9  |
| 130      | 20.4  | 18.2  | 27.2  |

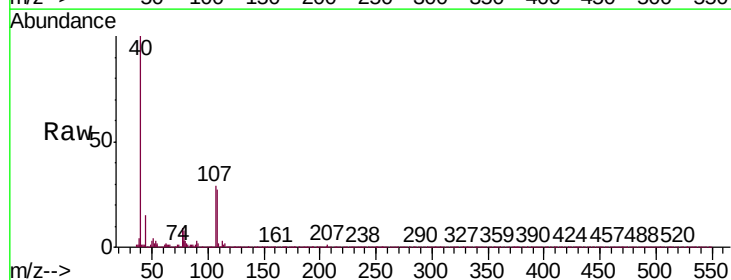


Abundance Ion 70.00 (69.70 to 70.70): BP0  
Ion 42.00 (41.70 to 42.70): BP0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

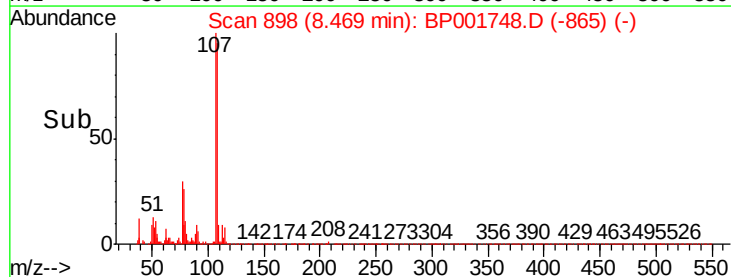
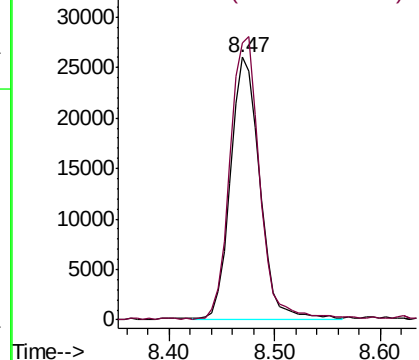


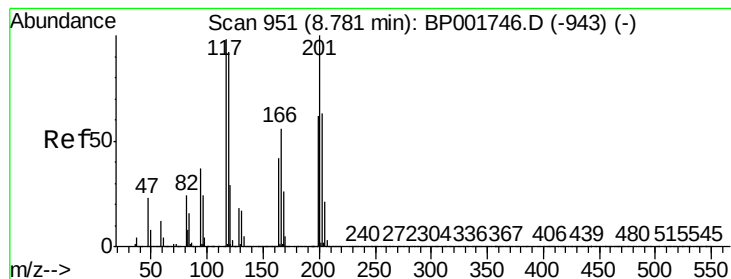
#16  
4-Methylphenol  
Concen: 3.515 ng/ul  
RT: 8.47 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 49510 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 105.4 | 87.3  | 130.9 |



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 4.347 ng/ul

RT: 8.79 min Scan# 952

Delta R.T. 0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

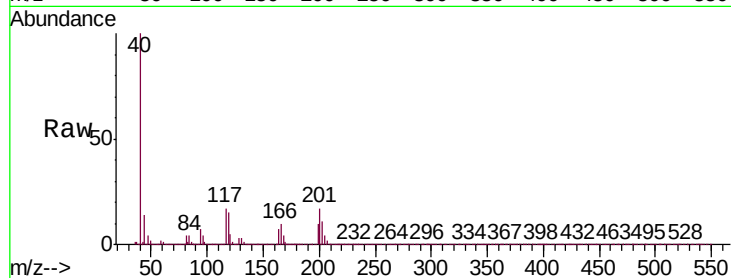
Tgt Ion: 117 Resp: 22762

Ion Ratio Lower Upper

117 100

201 101.8 85.5 128.3

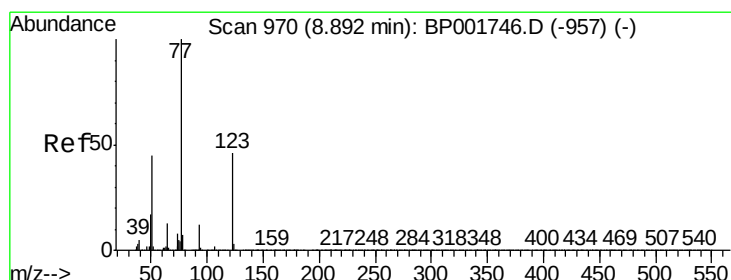
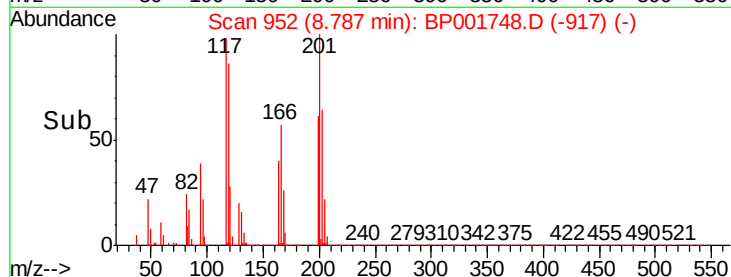
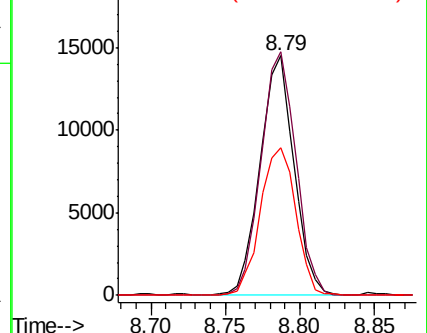
199 61.8 55.3 82.9



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.279 ng/ul

RT: 8.89 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

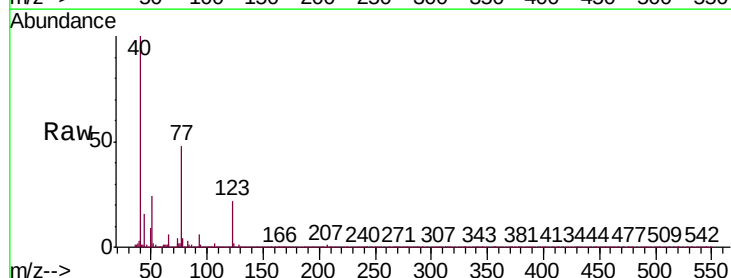
Tgt Ion: 77 Resp: 70884

Ion Ratio Lower Upper

77 100

123 46.0 36.6 54.8

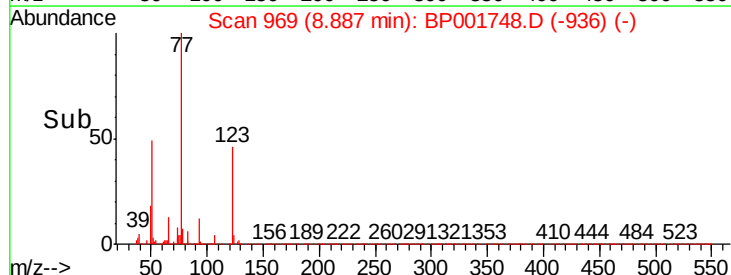
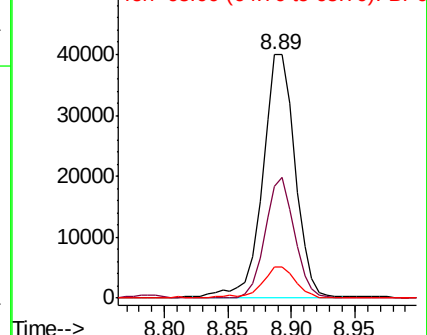
65 12.8 9.9 14.9

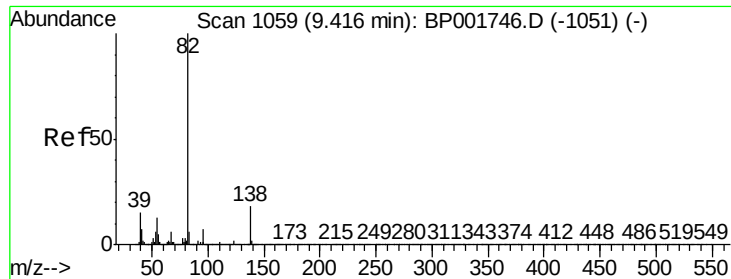


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0

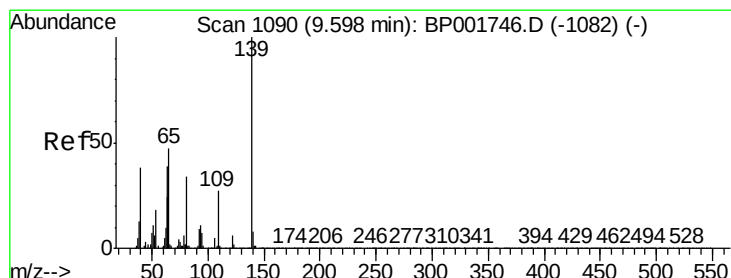
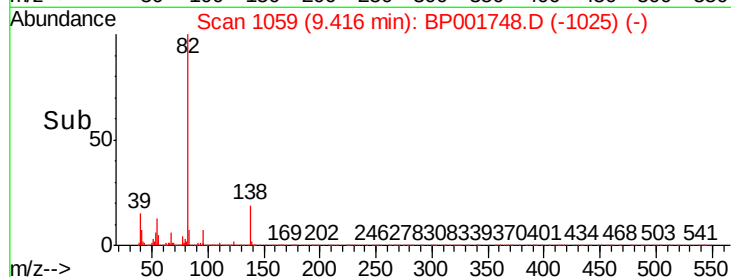
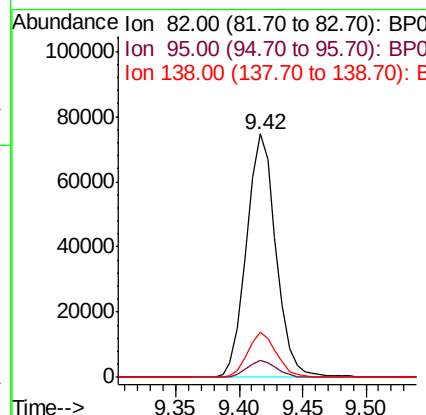
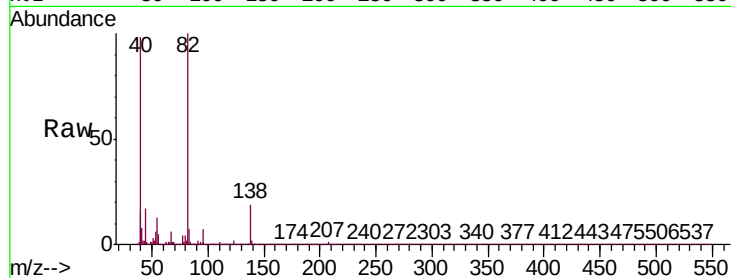




#21  
Isophorone  
Concen: 3.842 ng/ul  
RT: 9.42 min Scan# 1059  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

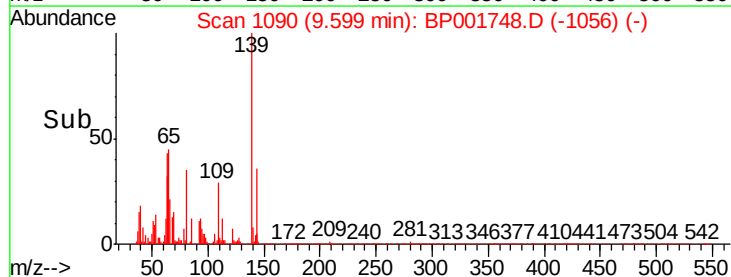
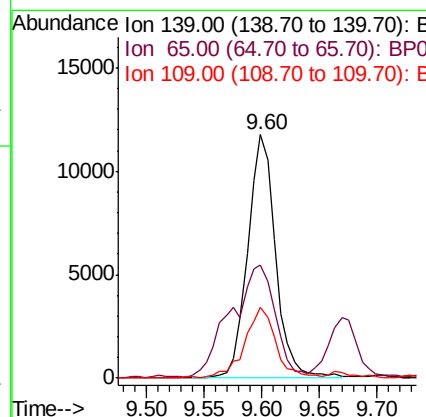
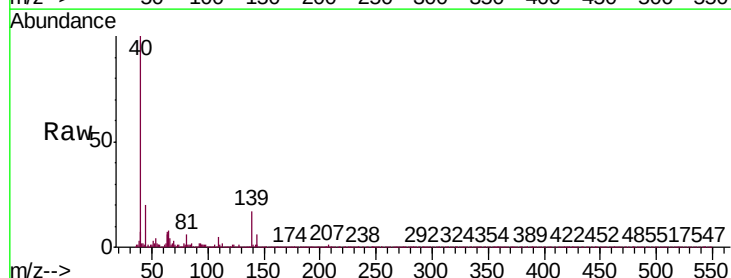
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

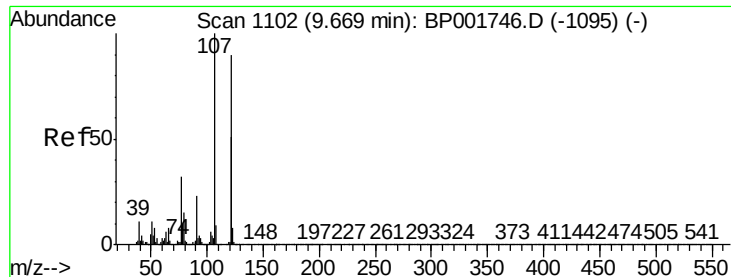
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.9   | 5.5   | 8.3   |
| 138     | 18.5  | 15.0  | 22.4  |



#23  
2-Nitrophenol  
Concen: 3.097 ng/ul  
RT: 9.60 min Scan# 1090  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 46.6  | 39.8  | 59.6  |
| 109     | 29.2  | 22.2  | 33.2  |

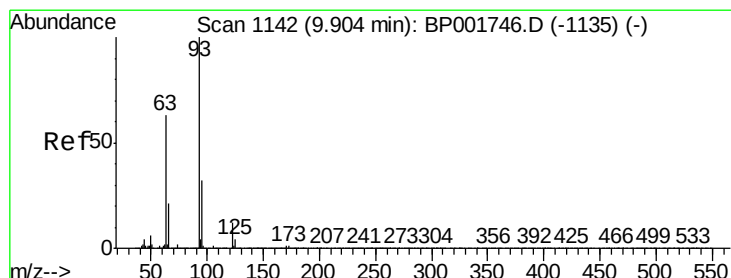
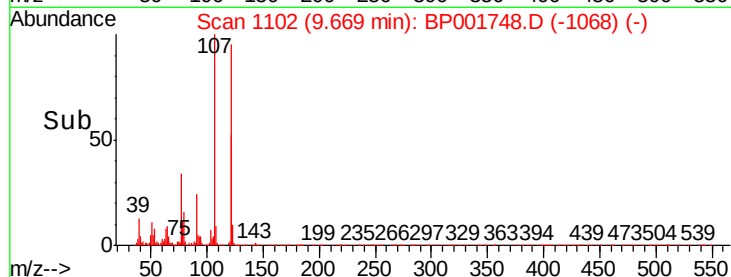
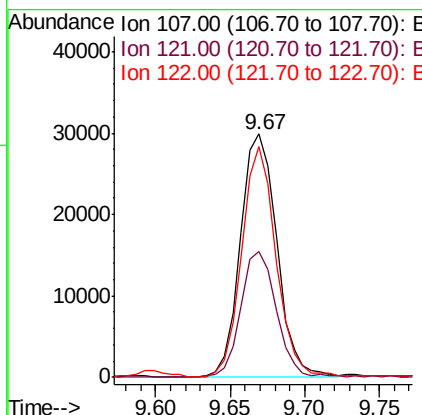
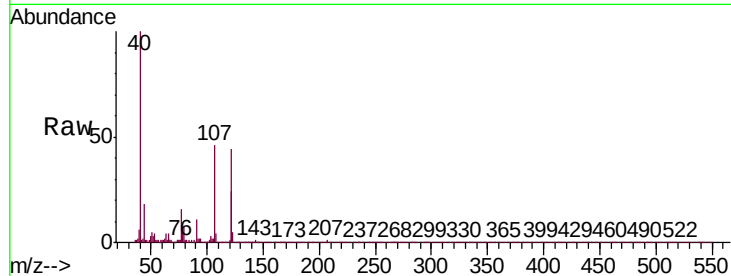




#24  
2,4-Dimethylphenol  
Concen: 3.404 ng/ul  
RT: 9.67 min Scan# 1102  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

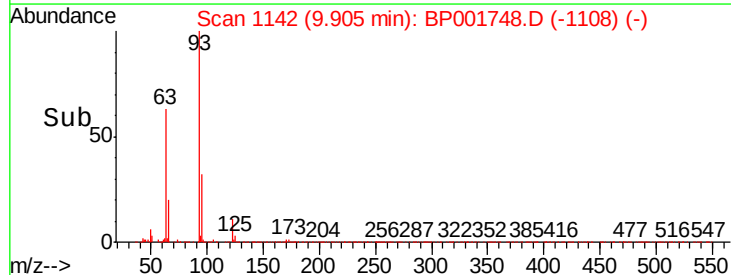
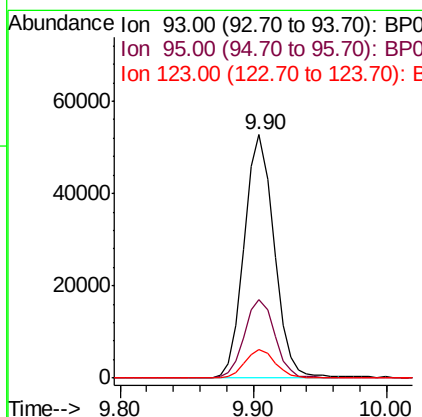
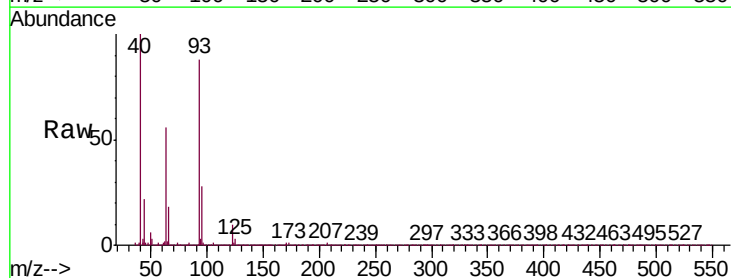
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

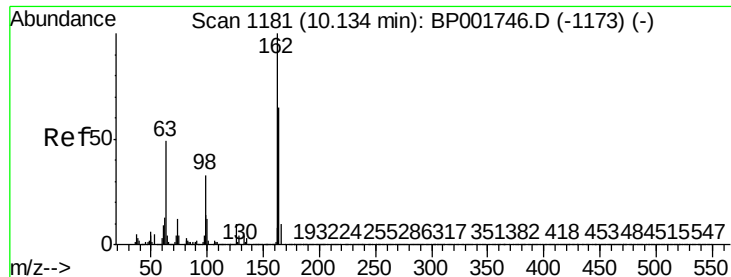
Tgt Ion: 107 Resp: 50452  
Ion Ratio Lower Upper  
107 100  
121 51.6 40.7 61.1  
122 94.6 69.6 104.4



#25  
Bis(2-Chloroethoxy)methane  
Concen: 4.127 ng/ul  
RT: 9.90 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion: 93 Resp: 81403  
Ion Ratio Lower Upper  
93 100  
95 32.1 25.8 38.8  
123 11.5 9.0 13.6





#27

2,4-Dichlorophenol

Concen: 3.585 ng/ul

RT: 10.13 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

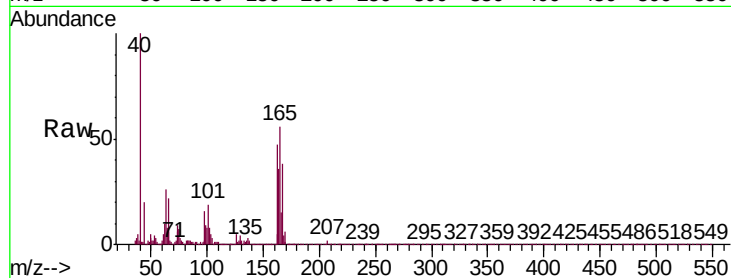
Tgt Ion:162 Resp: 46251

Ion Ratio Lower Upper

162 100

164 77.8 52.2 78.2

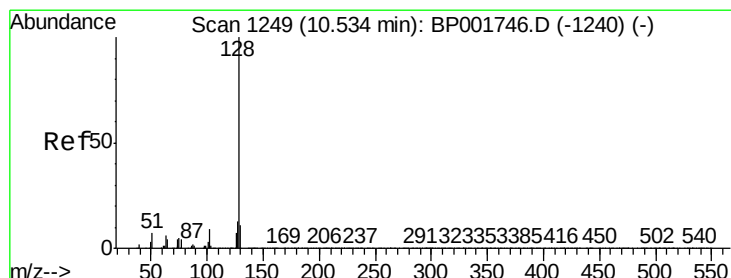
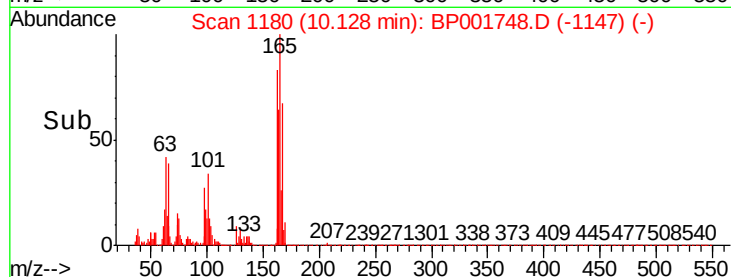
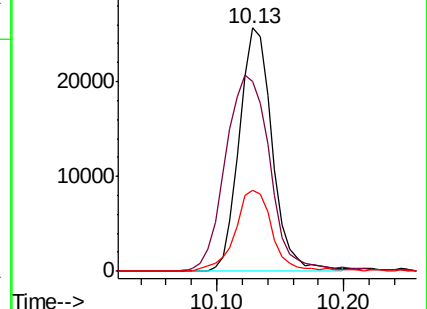
98 33.5 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#28

Naphthalene

Concen: 4.150 ng/ul

RT: 10.53 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

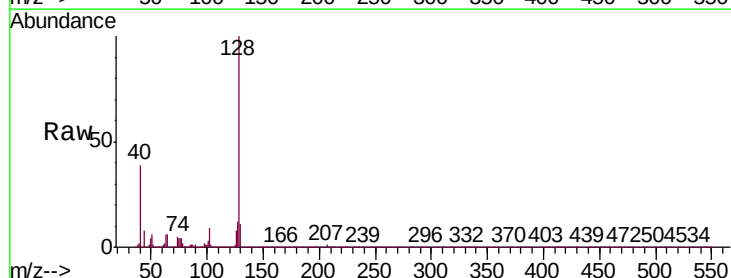
Tgt Ion:128 Resp: 198612

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

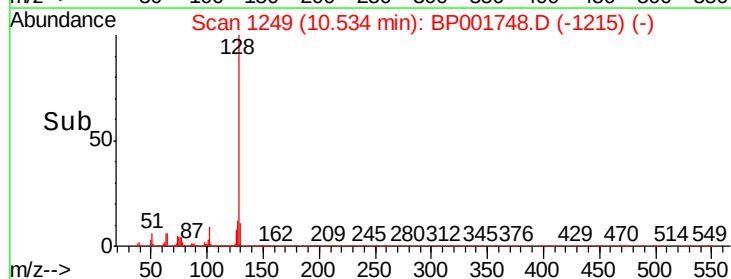
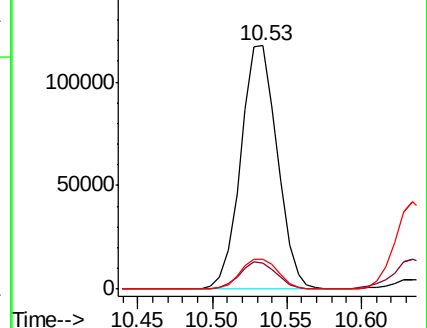
127 12.4 10.2 15.2

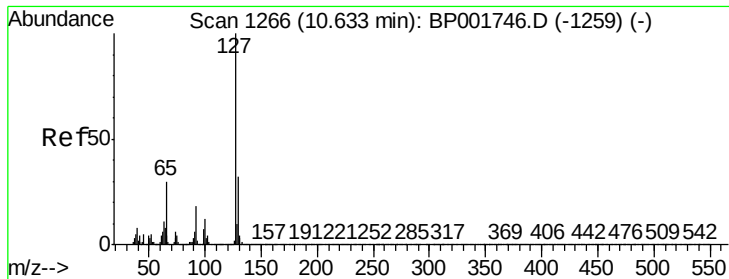


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

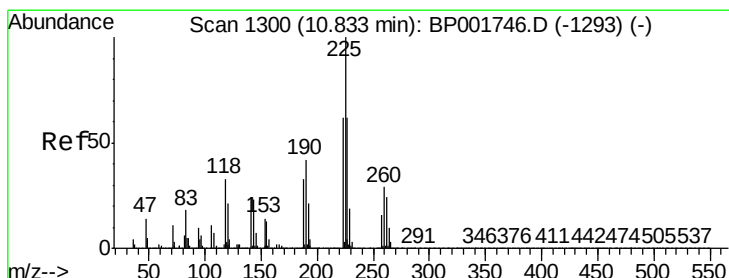
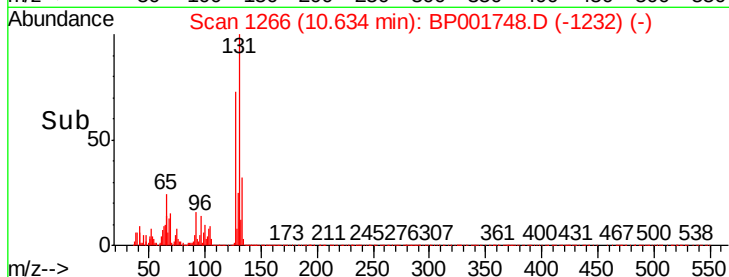
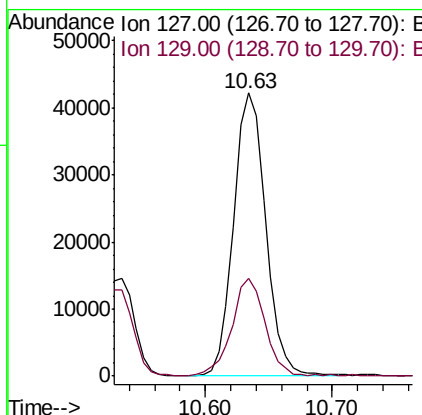
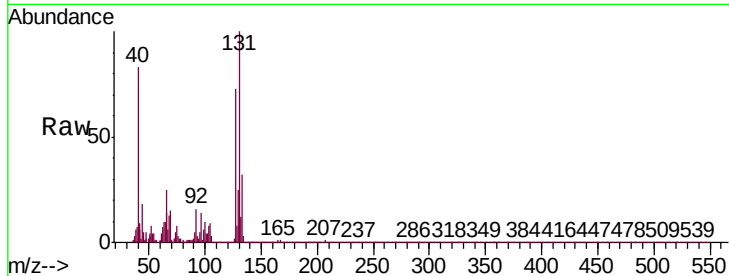




#30  
4-Chloroaniline  
Concen: 4.607 ng/ul  
RT: 10.63 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

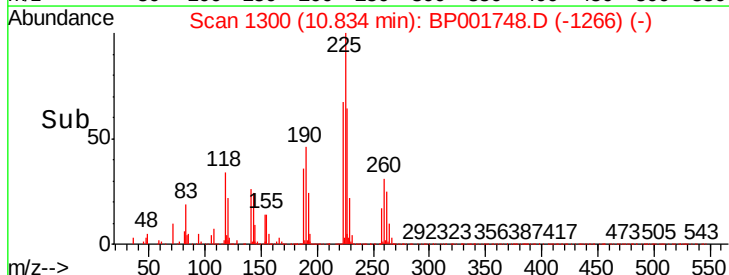
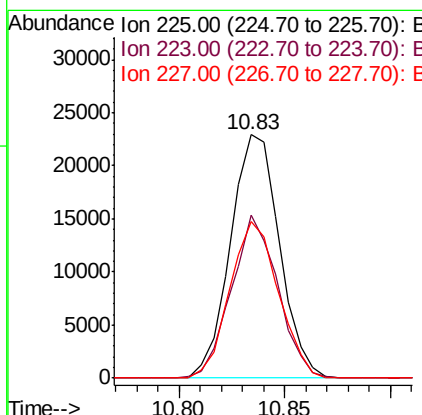
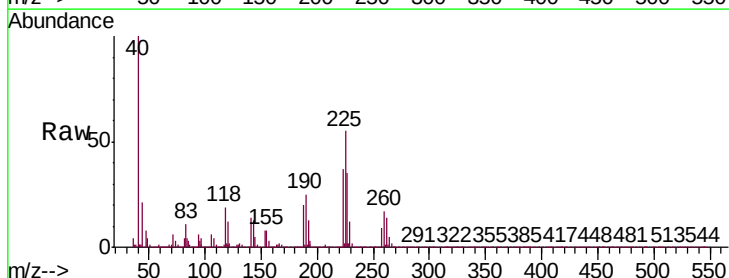
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

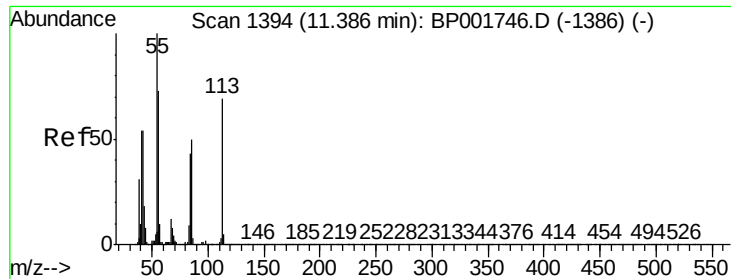
Tgt Ion:127 Resp: 74020  
Ion Ratio Lower Upper  
127 100  
129 34.6 25.3 37.9



#31  
Hexachlorobutadiene  
Concen: 4.122 ng/ul  
RT: 10.83 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion:225 Resp: 36932  
Ion Ratio Lower Upper  
225 100  
223 67.1 50.3 75.5  
227 67.4 51.4 77.0

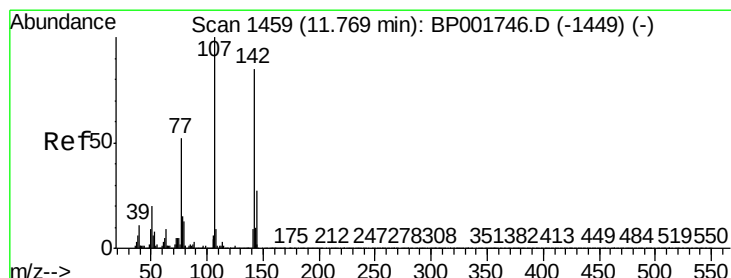
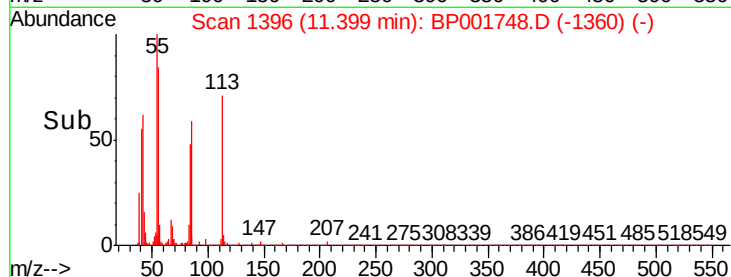
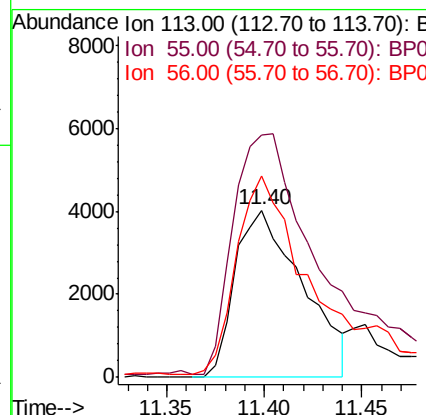
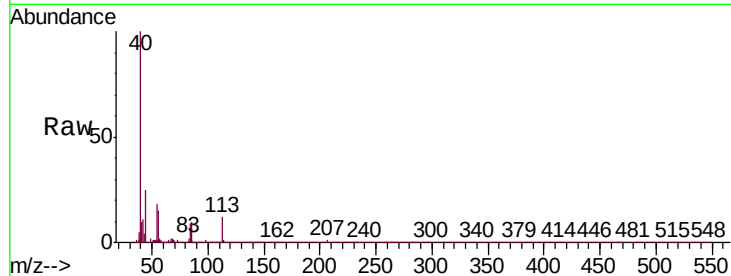




#32  
 Caprolactam  
 Concen: 2.031 ng/ul  
 RT: 11.40 min Scan# 1396  
 Delta R.T. 0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

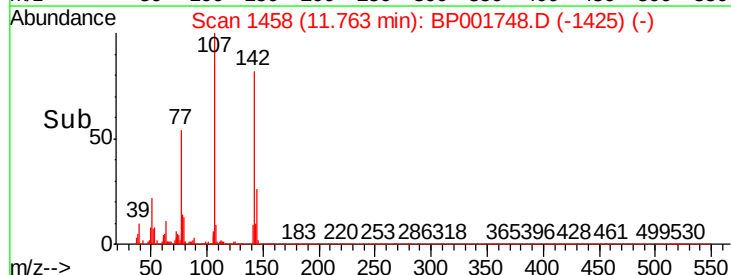
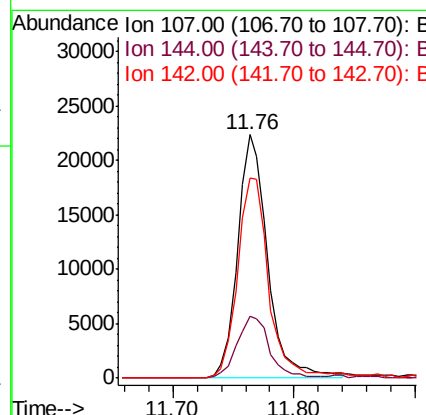
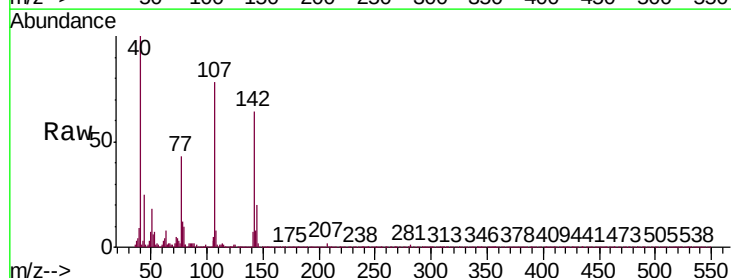
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

Tgt Ion: 113 Resp: 9634  
 Ion Ratio Lower Upper  
 113 100  
 55 145.2 117.3 175.9  
 56 120.4 90.7 136.1

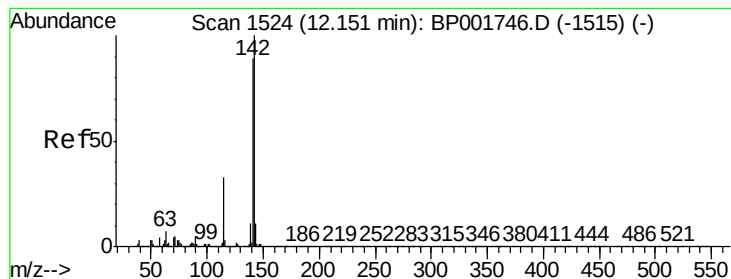


#33  
 4-Chloro-3-methylphenol  
 Concen: 2.910 ng/ul  
 RT: 11.76 min Scan# 1458  
 Delta R.T. -0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

Tgt Ion: 107 Resp: 38660  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 22.0 33.0  
 142 82.2 66.3 99.5







#34

2-Methylnaphthalene

Concen: 4.149 ng/ul

RT: 12.15 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

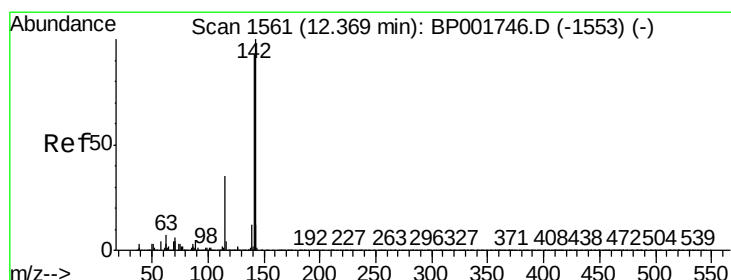
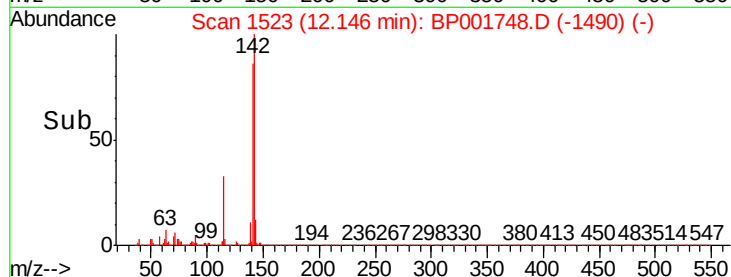
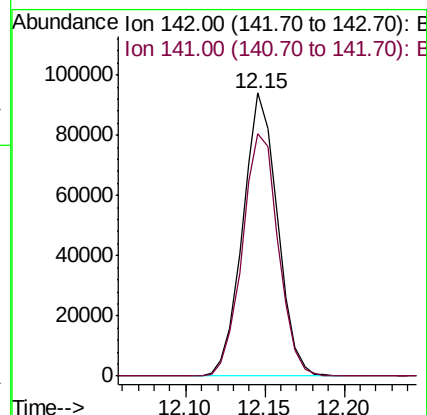
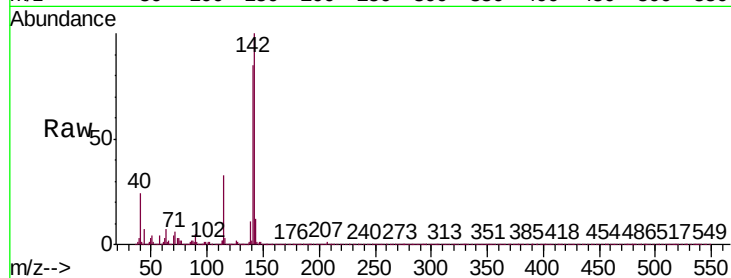
MDL-WATER-01

Tgt Ion:142 Resp: 142659

Ion Ratio Lower Upper

142 100

141 85.4 70.7 106.1



#35

1-Methylnaphthalene

Concen: 4.448 ng/ul

RT: 12.37 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

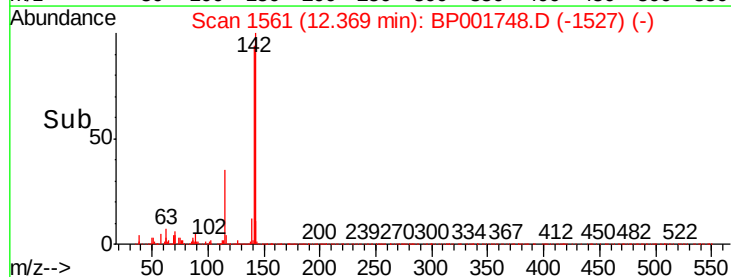
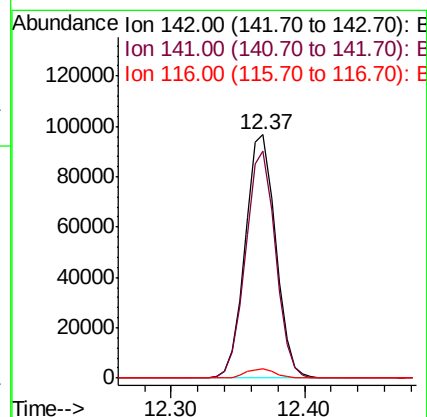
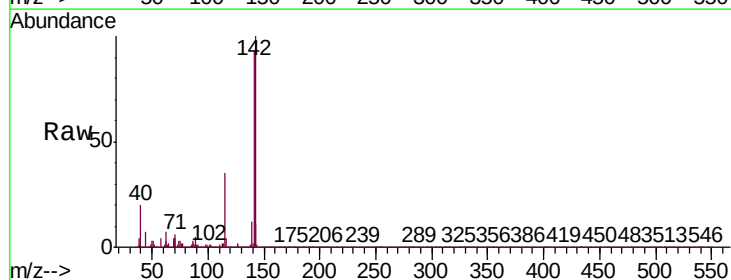
Tgt Ion:142 Resp: 151887

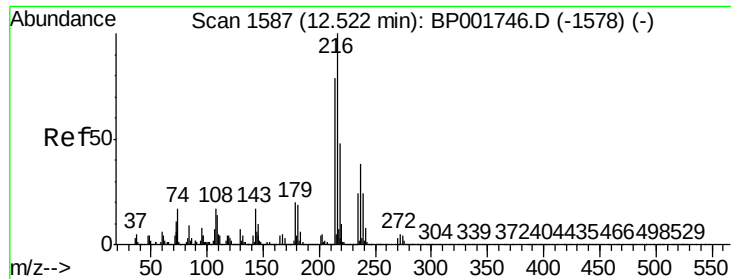
Ion Ratio Lower Upper

142 100

141 93.3 74.4 111.6

116 3.6 3.0 4.4

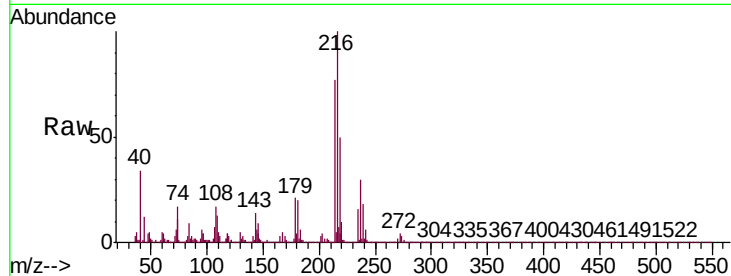




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.045 ng/ul  
 RT: 12.52 min Scan# 1587  
 Delta R.T. 0.00 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 77414 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 77.5  | 63.2  | 94.8  |
| 179      | 21.3  | 16.2  | 24.4  |
| 108      | 17.3  | 13.8  | 20.6  |



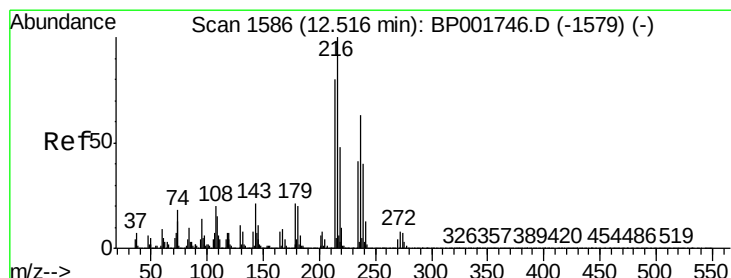
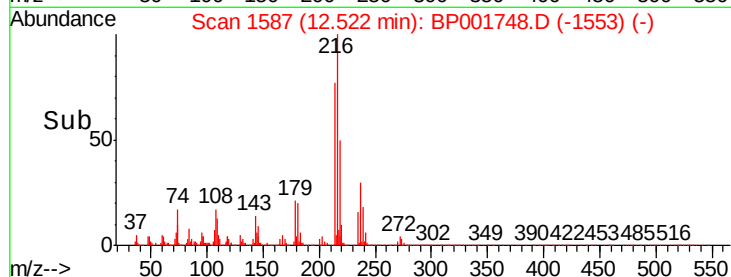
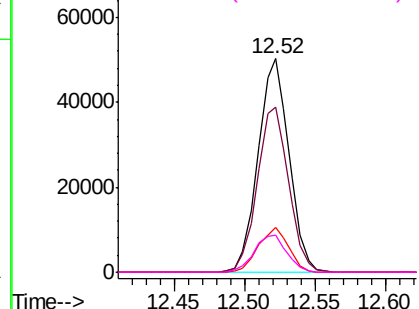
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

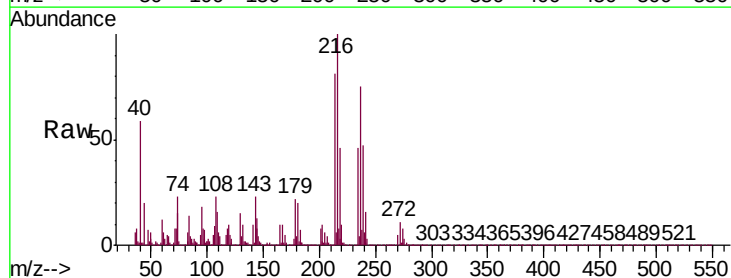
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38  
 Hexachlorocyclopentadiene  
 Concen: 3.047 ng/ul  
 RT: 12.51 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 34728 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.6  | 50.3  | 75.5  |
| 272      | 14.6  | 10.5  | 15.7  |

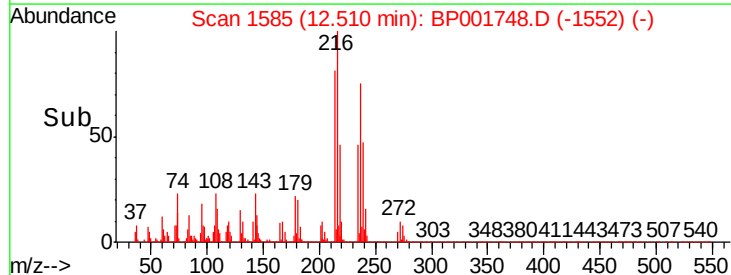
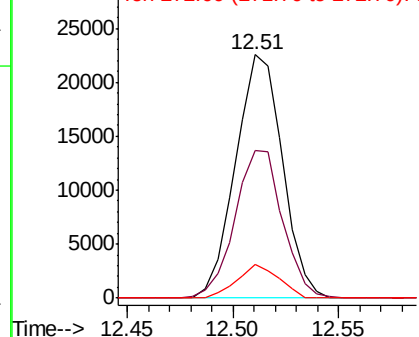


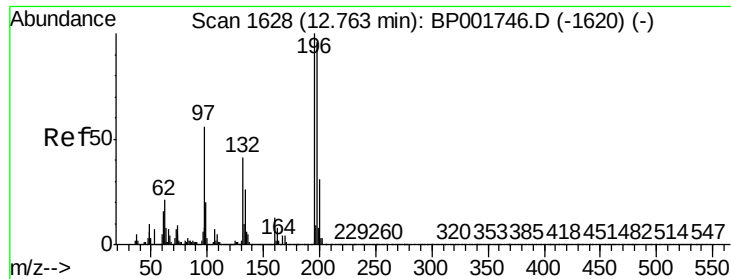
Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

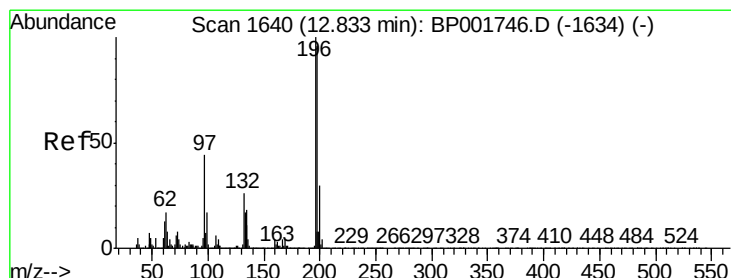
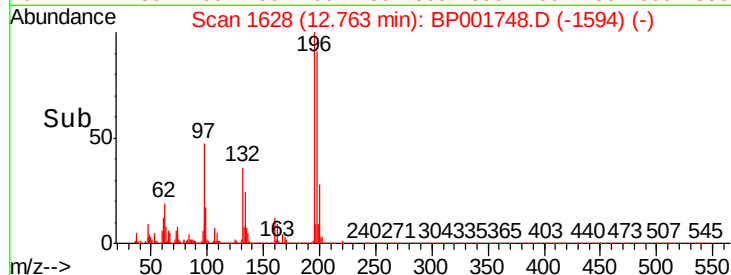
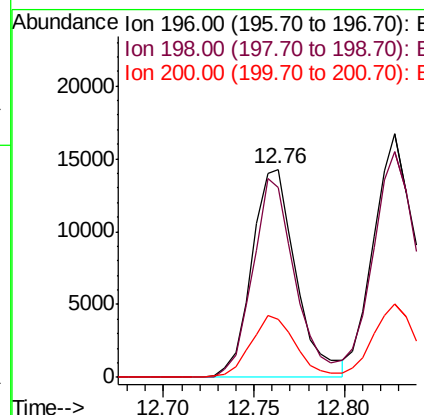
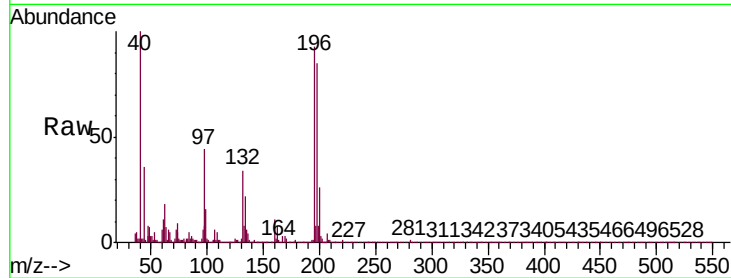




#39  
 2,4,6-Trichlorophenol  
 Concen: 2.481 ng/ul  
 RT: 12.76 min Scan# 1628  
 Delta R.T. 0.00 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

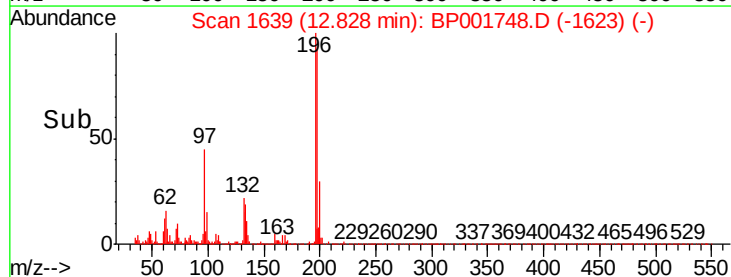
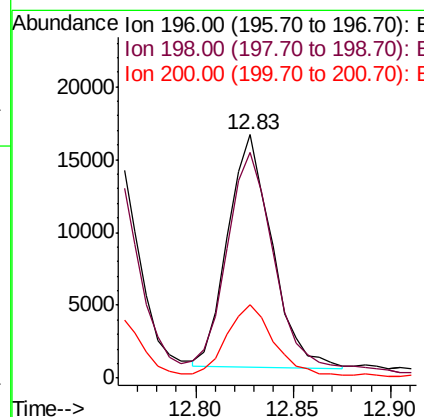
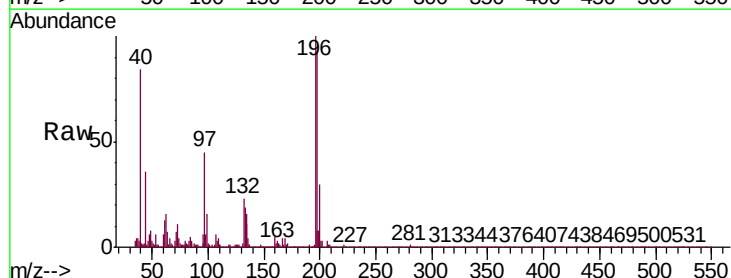
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

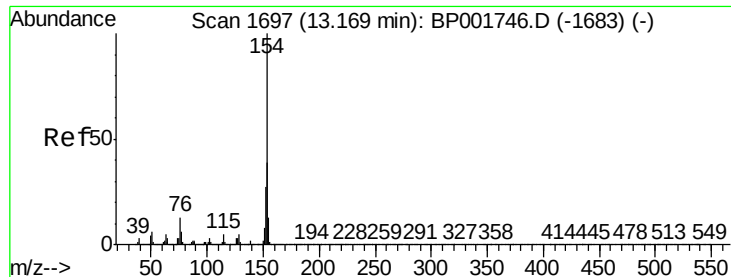
Tgt Ion:196 Resp: 24149  
 Ion Ratio Lower Upper  
 196 100  
 198 91.3 76.6 114.8  
 200 27.7 24.6 37.0



#40  
 2,4,5-Trichlorophenol  
 Concen: 2.285 ng/ul  
 RT: 12.83 min Scan# 1639  
 Delta R.T. -0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

Tgt Ion:196 Resp: 25073  
 Ion Ratio Lower Upper  
 196 100  
 198 92.6 77.3 115.9  
 200 30.2 24.4 36.6

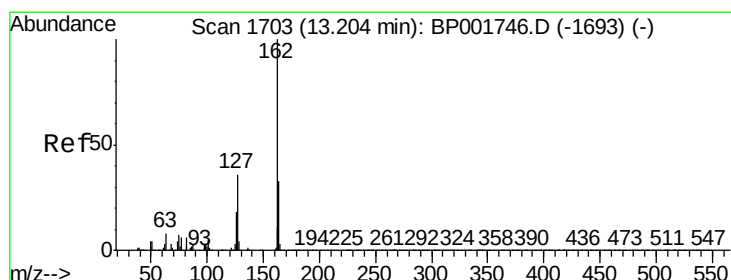
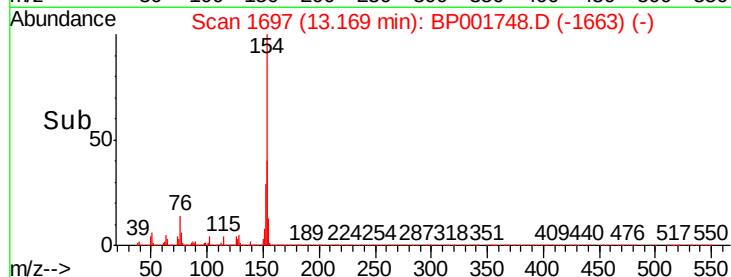
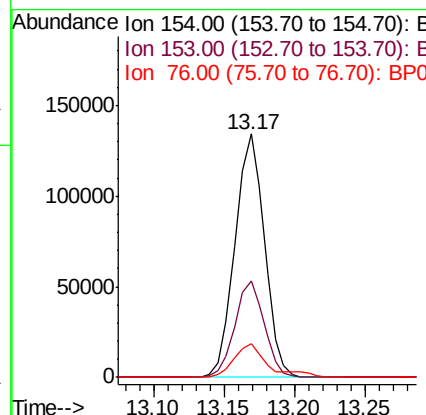
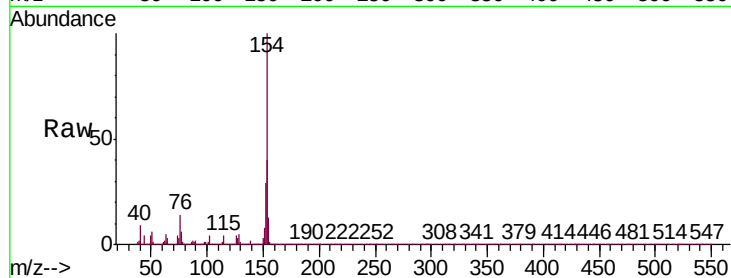




#41  
 1,1'-Biphenyl  
 Concen: 4.162 ng/ul  
 RT: 13.17 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

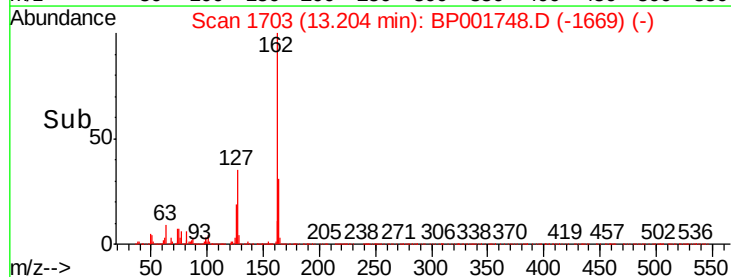
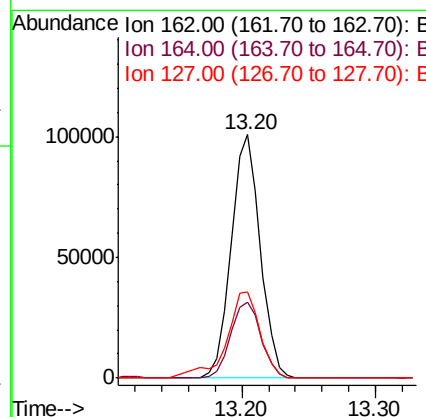
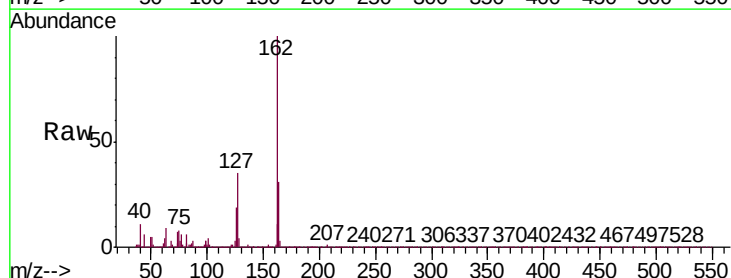
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

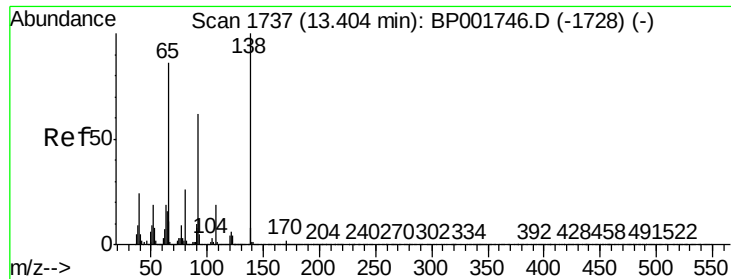
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 195110 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.8  | 31.6  | 47.4   |
| 76        | 13.8  | 10.4  | 15.6   |



#42  
 2-Chloronaphthalene  
 Concen: 4.133 ng/ul  
 RT: 13.20 min Scan# 1703  
 Delta R.T. 0.00 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 153329 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 31.4  | 26.7  | 40.1   |
| 127       | 35.1  | 29.6  | 44.4   |

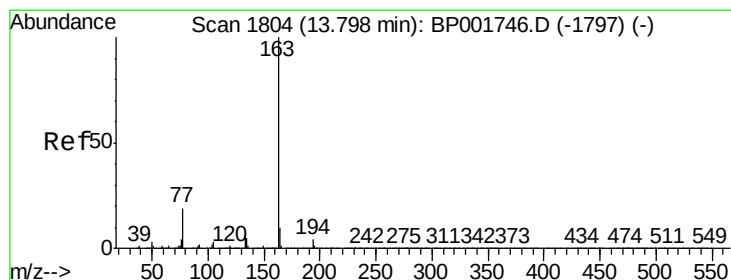
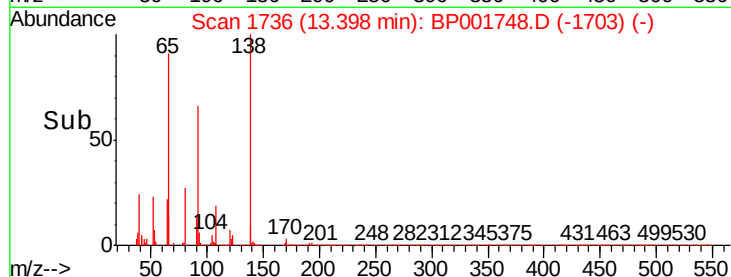
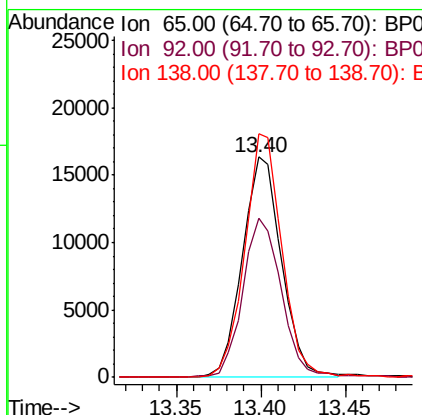
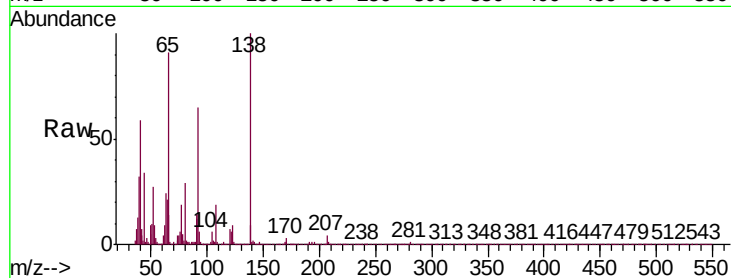




#43  
2-Nitroaniline  
Concen: 2.864 ng/ul  
RT: 13.40 min Scan# 1736  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

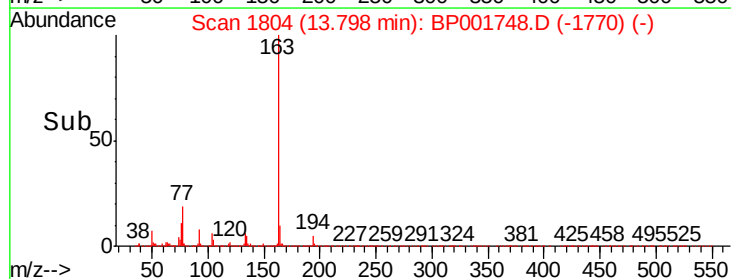
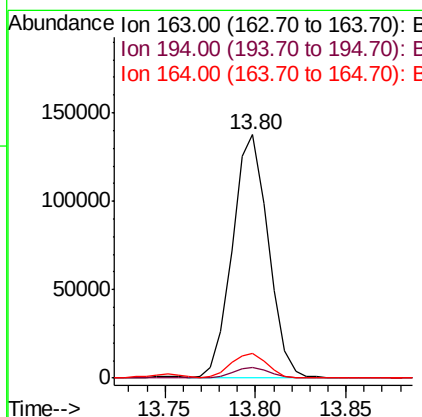
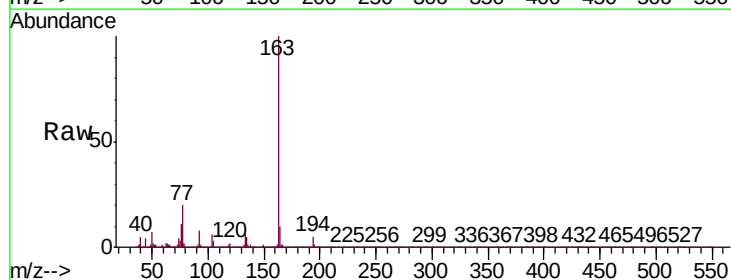
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

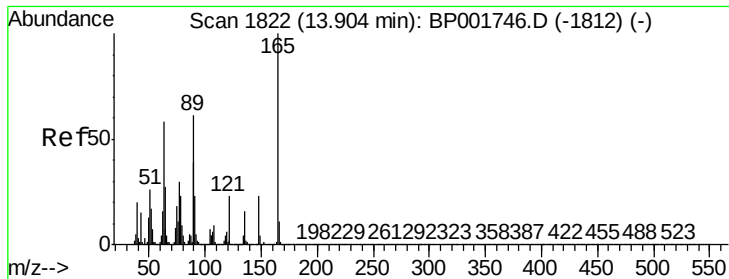
Tgt Ion: 65 Resp: 26294  
Ion Ratio Lower Upper  
65 100  
92 71.9 57.7 86.5  
138 110.4 92.7 139.1



#45  
Dimethylphthalate  
Concen: 4.077 ng/ul  
RT: 13.80 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion: 163 Resp: 189390  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.5 5.3  
164 10.1 8.0 12.0

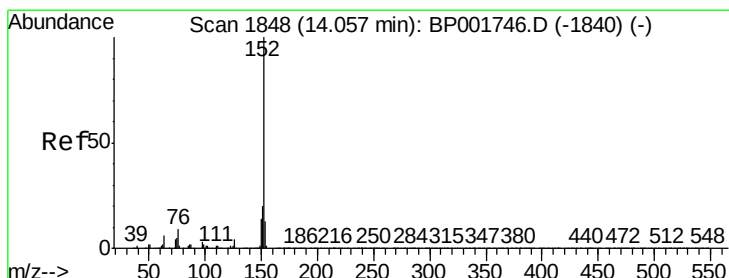
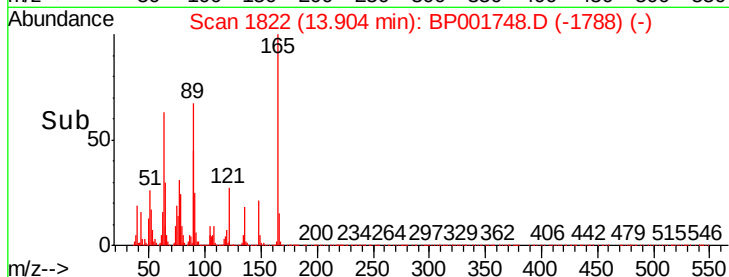
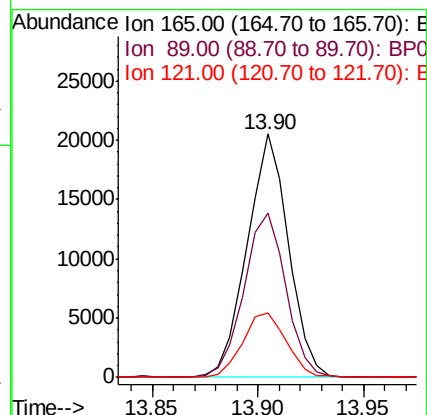
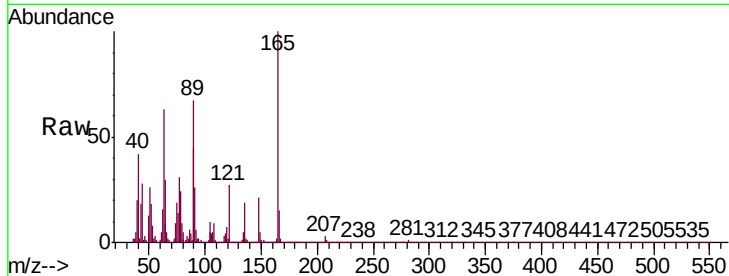




#46  
2,6-Dinitrotoluene  
Concen: 3.089 ng/ul  
RT: 13.90 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

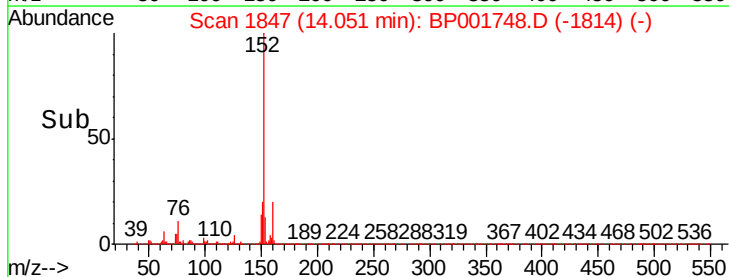
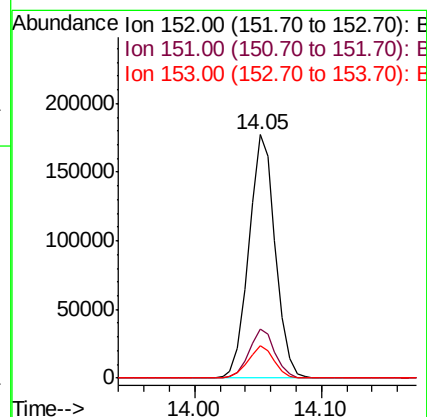
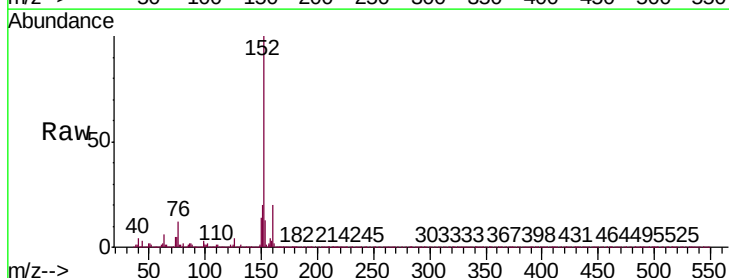
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

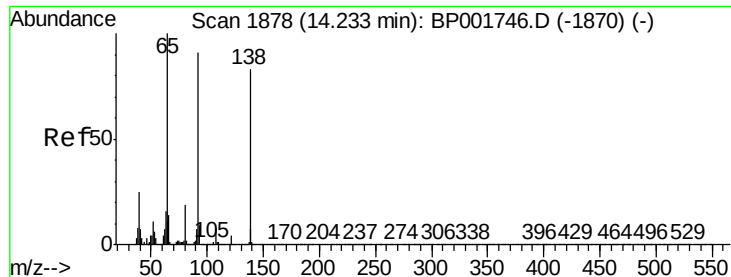
Tgt Ion:165 Resp: 27787  
Ion Ratio Lower Upper  
165 100  
89 67.5 46.6 70.0  
121 26.7 17.4 26.0#



#48  
Acenaphthylene  
Concen: 4.266 ng/ul  
RT: 14.05 min Scan# 1847  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion:152 Resp: 255731  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.2 10.6 16.0

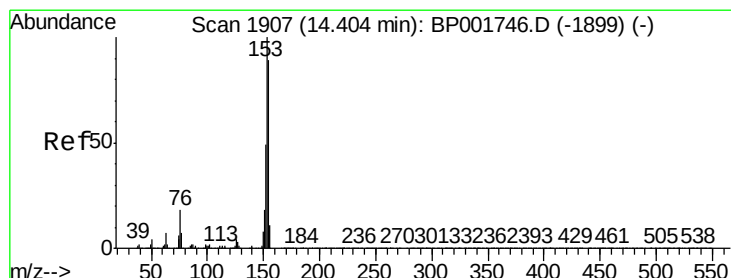
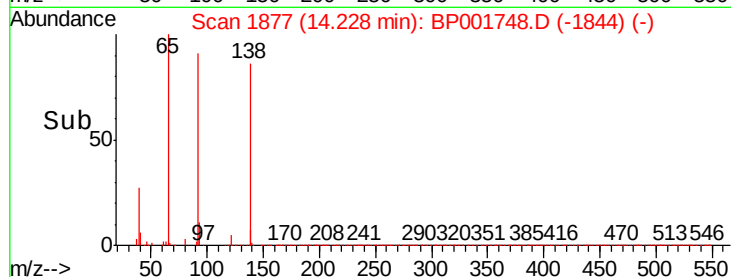
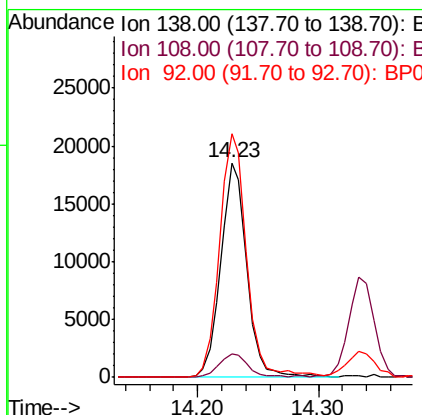
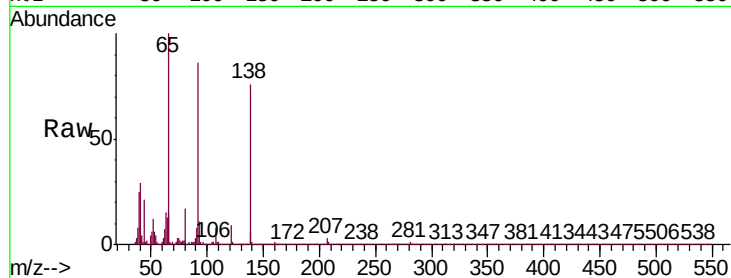




#49  
3-Nitroaniline  
Concen: 3.146 ng/ul  
RT: 14.23 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

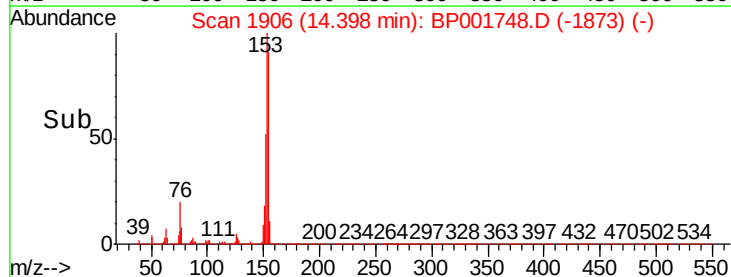
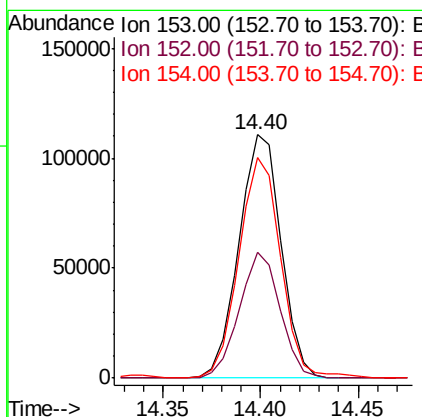
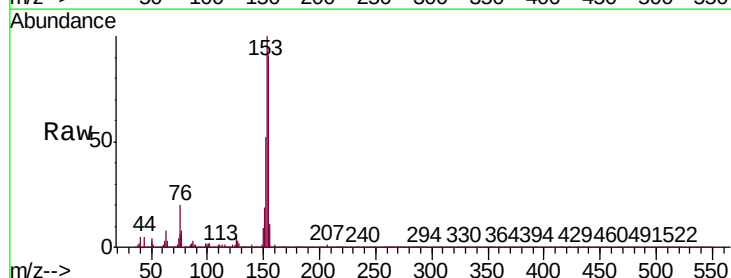
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

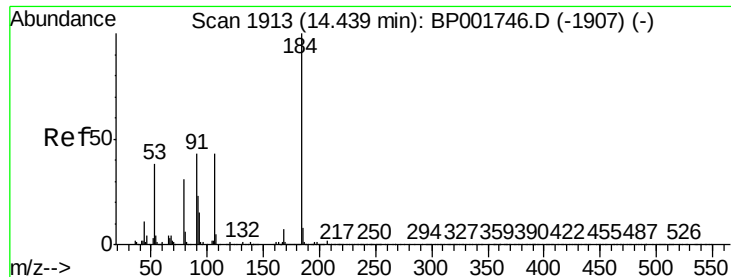
Tgt Ion:138 Resp: 27443  
Ion Ratio Lower Upper  
138 100  
108 11.0 7.8 11.6  
92 113.4 87.6 131.4



#50  
Acenaphthene  
Concen: 4.118 ng/ul  
RT: 14.40 min Scan# 1906  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion:153 Resp: 165587  
Ion Ratio Lower Upper  
153 100  
152 51.7 39.4 59.2  
154 90.7 70.8 106.2

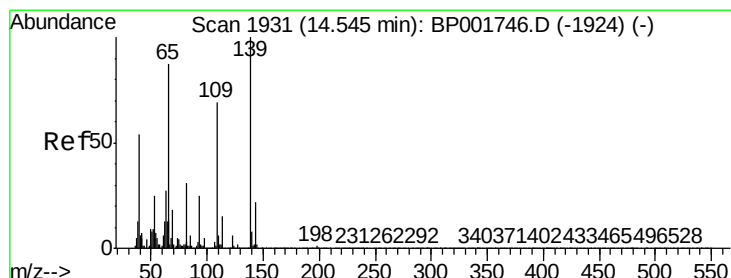
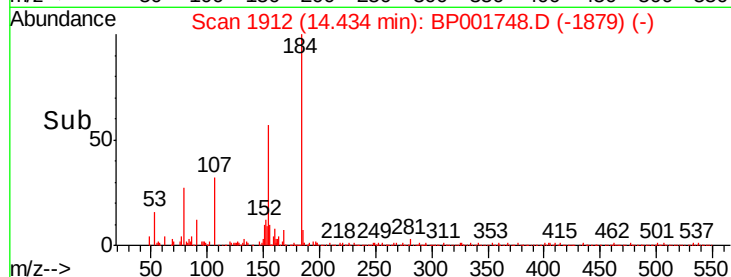
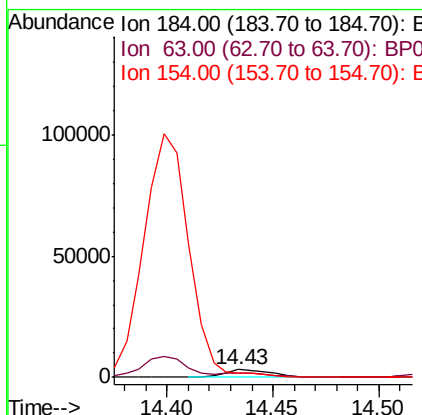
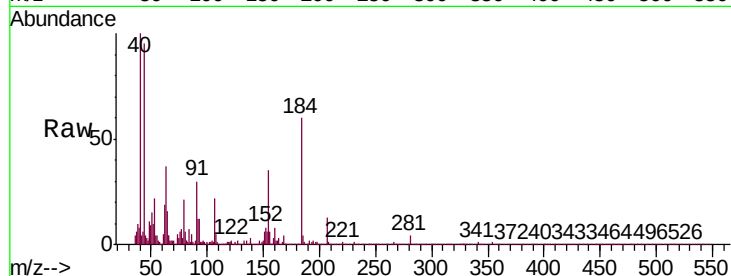




#51  
2,4-Dinitrophenol  
Concen: 1.549 ng/ul  
RT: 14.43 min Scan# 1912  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

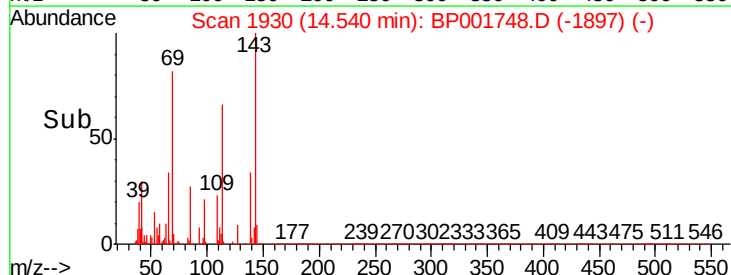
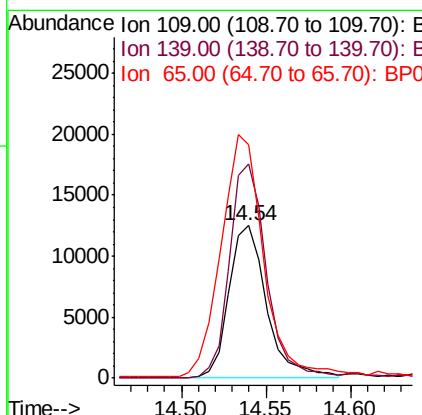
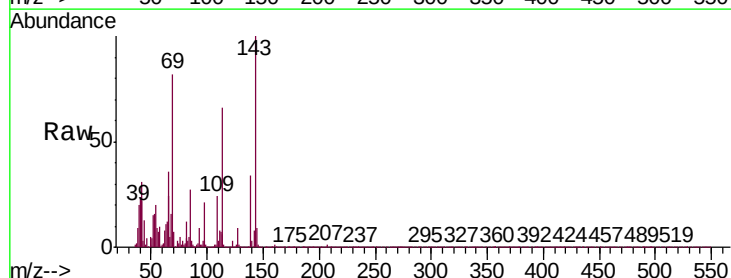
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

Tgt Ion:184 Resp: 5042  
Ion Ratio Lower Upper  
184 100  
63 60.9 51.1 76.7  
154 57.7 46.6 70.0

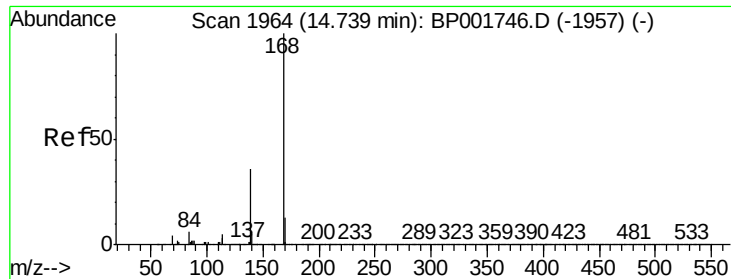


#53  
4-Nitrophenol  
Concen: 3.052 ng/ul  
RT: 14.54 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion:109 Resp: 19443  
Ion Ratio Lower Upper  
109 100  
139 141.0 112.7 169.1  
65 153.5 104.1 156.1







#54

Dibenzenofuran

Concen: 4.302 ng/ul

RT: 14.73 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

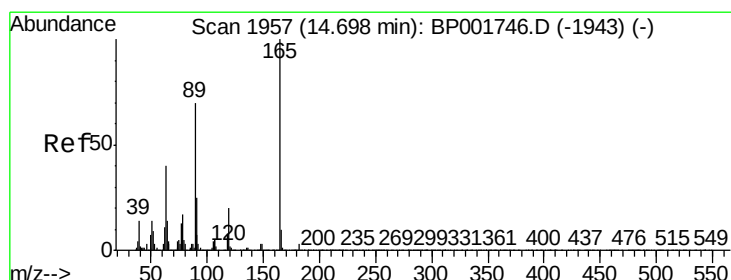
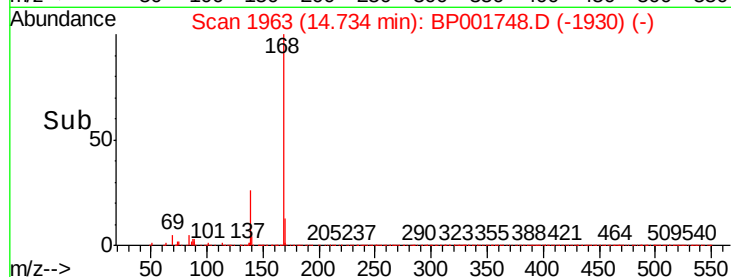
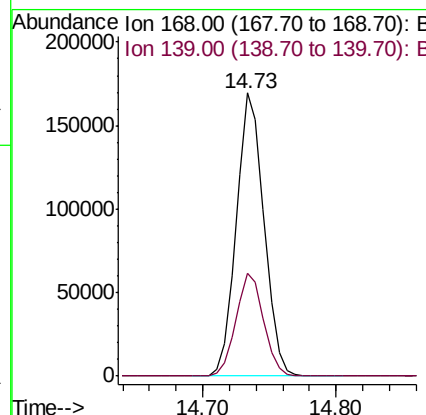
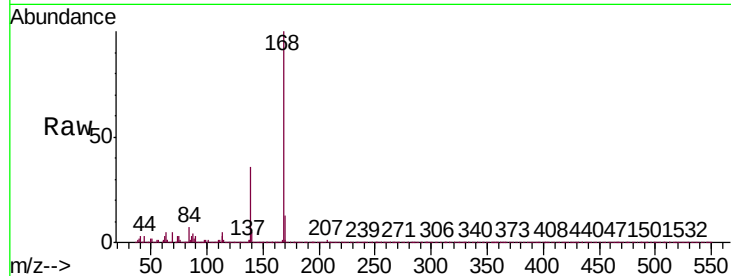
MDL-WATER-01

Tgt Ion:168 Resp: 243775

Ion Ratio Lower Upper

168 100

139 36.2 29.0 43.4



#55

2,4-Dinitrotoluene

Concen: 3.269 ng/ul

RT: 14.69 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

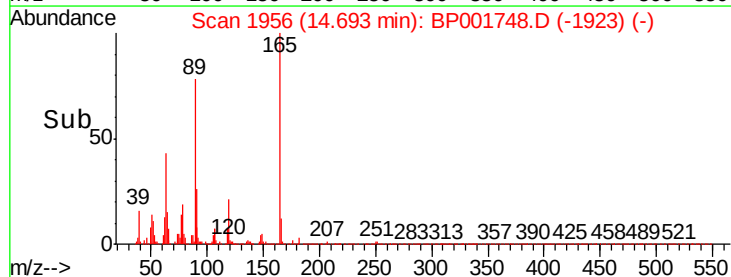
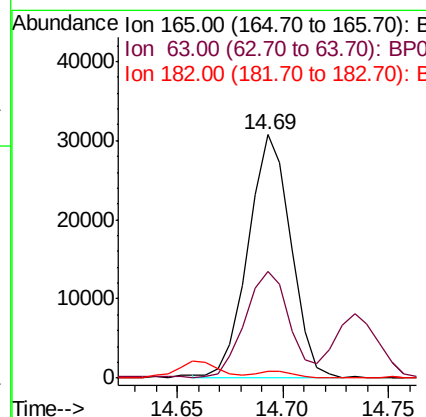
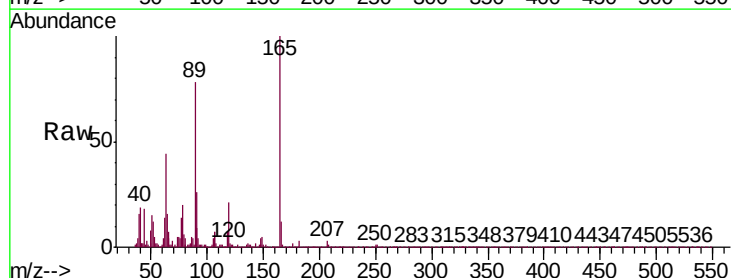
Tgt Ion:165 Resp: 43302

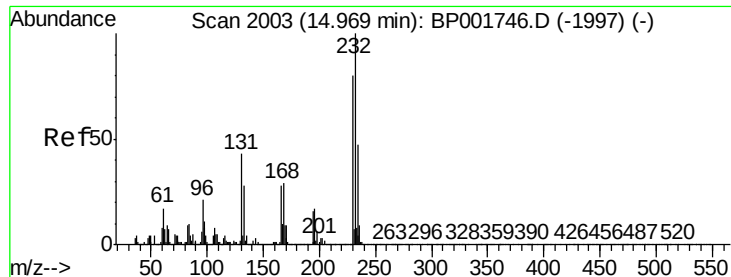
Ion Ratio Lower Upper

165 100

63 43.7 31.4 47.2

182 3.0 2.4 3.6





#56

2,3,4,6-Tetrachlorophenol

Concen: 2.456 ng/ul

RT: 14.96 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

Tgt Ion:232 Resp: 22924

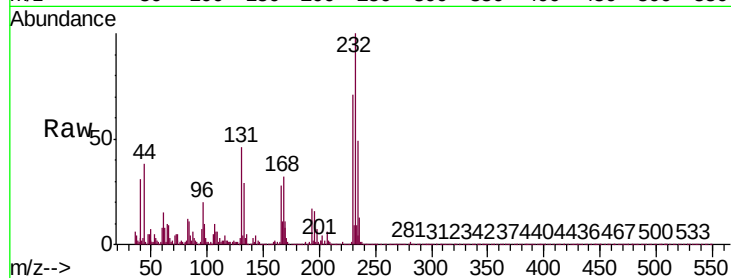
Ion Ratio Lower Upper

232 100

131 46.0 34.3 51.5

130 2.5 1.8 2.8

166 28.4 24.1 36.1

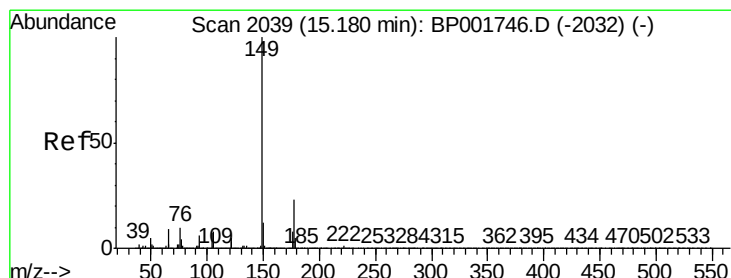
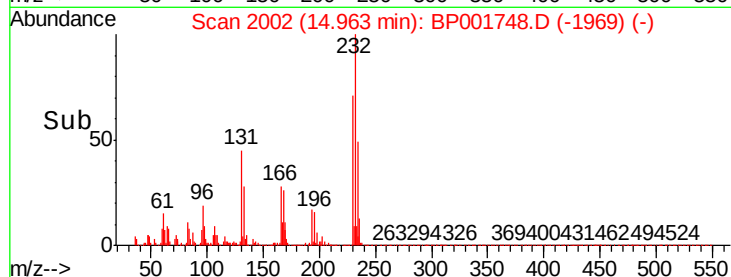
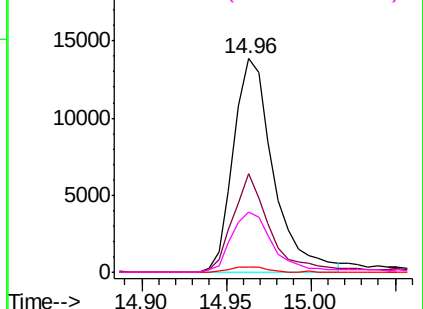


Abundance Ion 232.00 (231.70 to 232.70): E

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



#57

Diethylphthalate

Concen: 3.608 ng/ul

RT: 15.17 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

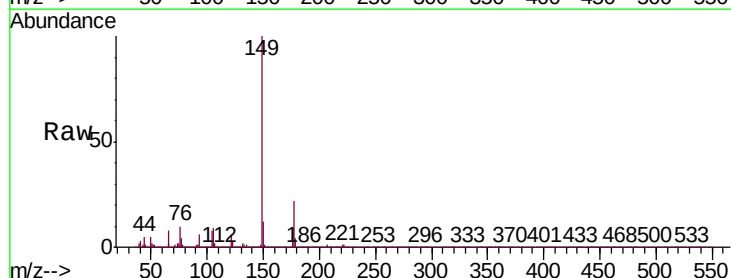
Tgt Ion:149 Resp: 163272

Ion Ratio Lower Upper

149 100

177 22.1 18.6 28.0

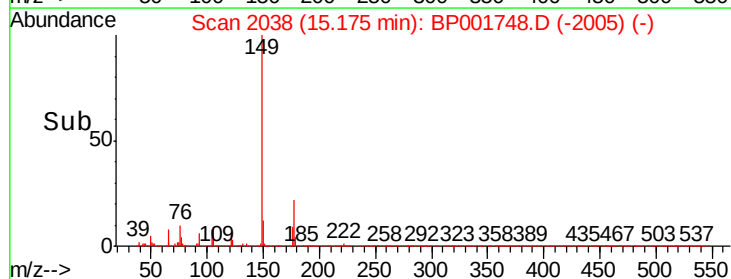
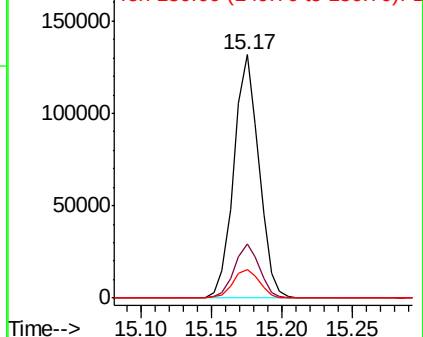
150 11.8 9.8 14.6

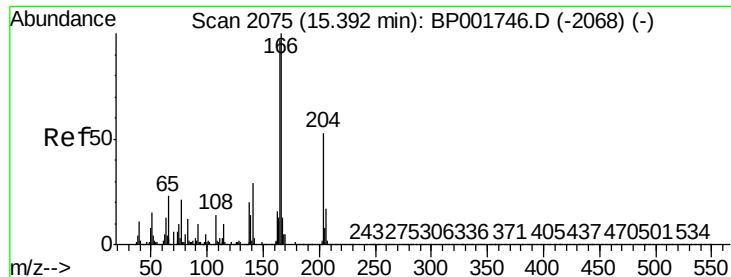


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.256 ng/ul

RT: 15.39 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

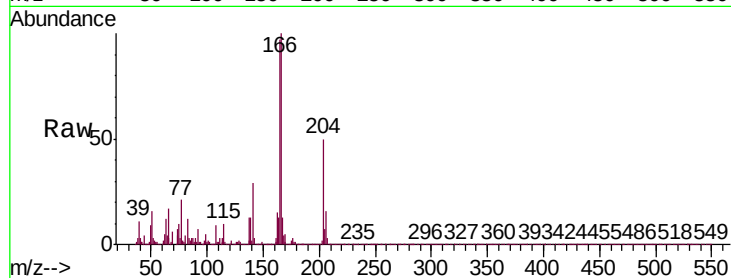
Tgt Ion:166 Resp: 200469

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

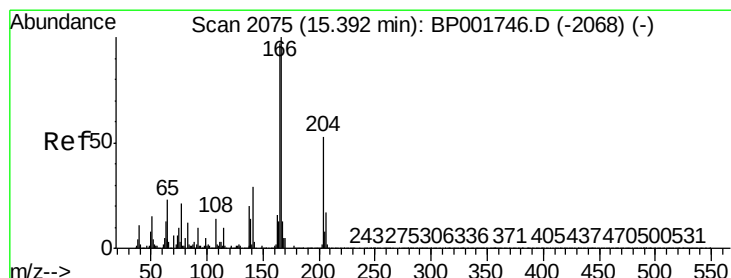
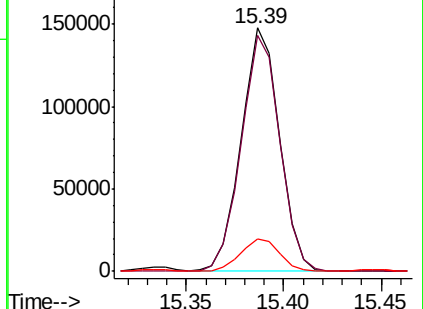
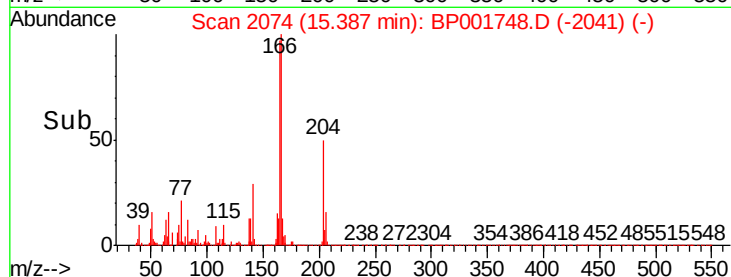
167 13.1 11.0 16.4



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



#60

4-Chlorophenyl-phenylether

Concen: 4.317 ng/ul

RT: 15.39 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

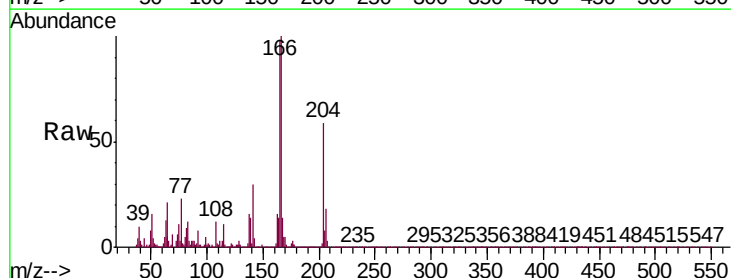
Tgt Ion:204 Resp: 102847

Ion Ratio Lower Upper

204 100

206 30.8 26.5 39.7

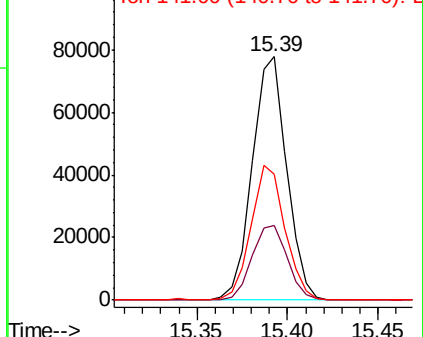
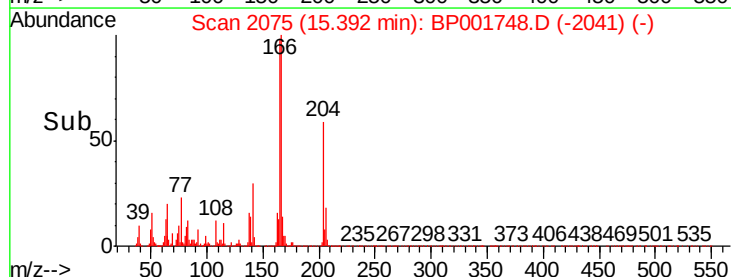
141 51.5 43.4 65.0

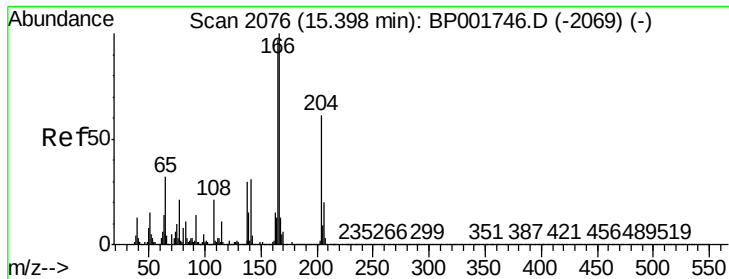


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

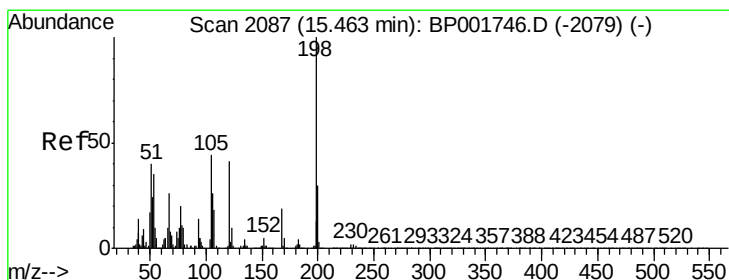
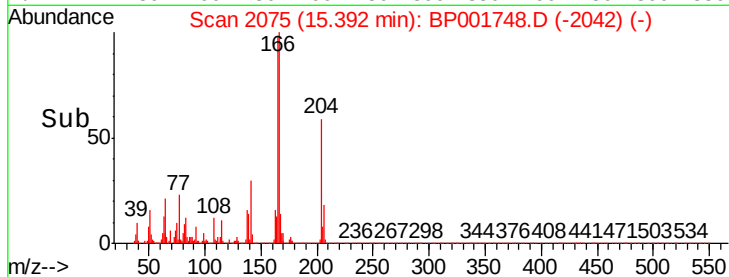
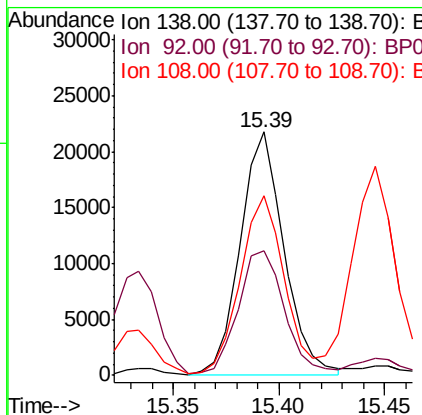
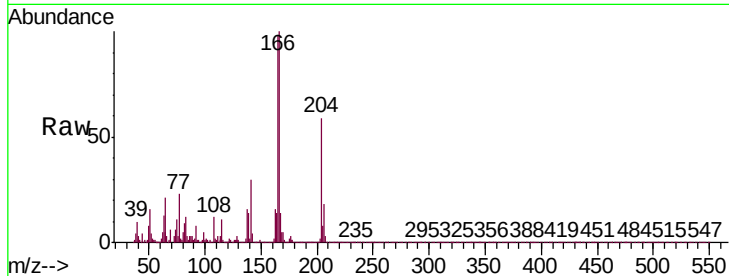




#61  
4-Nitroaniline  
Concen: 2.949 ng/ul  
RT: 15.39 min Scan# 2075  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

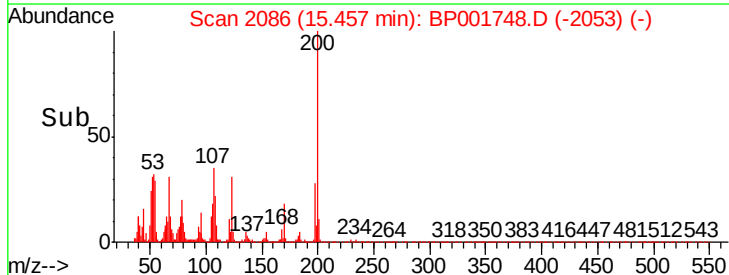
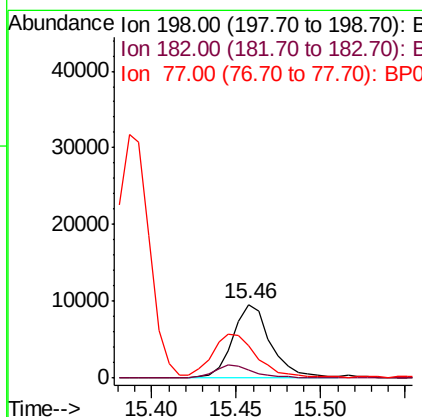
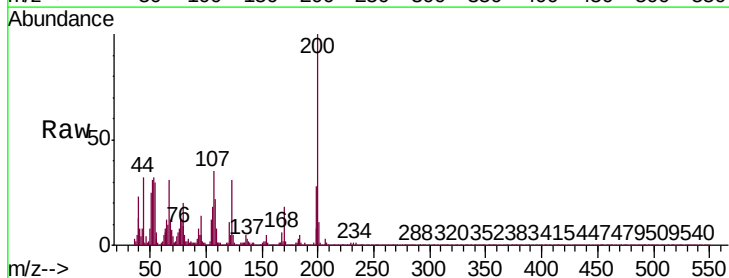
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

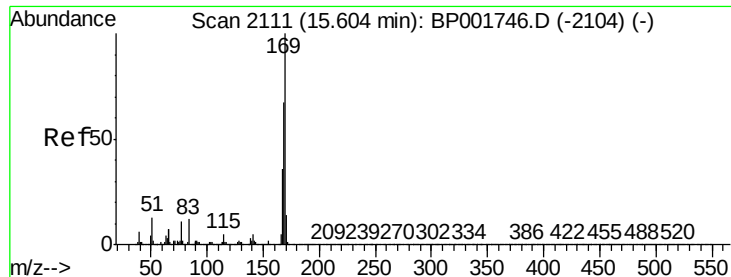
Tgt Ion:138 Resp: 31207  
Ion Ratio Lower Upper  
138 100  
92 51.3 38.8 58.2  
108 73.8 57.8 86.6



#64  
4,6-Dinitro-2-methylphenol  
Concen: 2.393 ng/ul  
RT: 15.46 min Scan# 2086  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Tgt Ion:198 Resp: 15126  
Ion Ratio Lower Upper  
198 100  
182 10.9 3.2 4.8#  
77 43.7 17.7 26.5#





#65

N-Nitrosodiphenylamine

Concen: 3.872 ng/ul

RT: 15.60 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

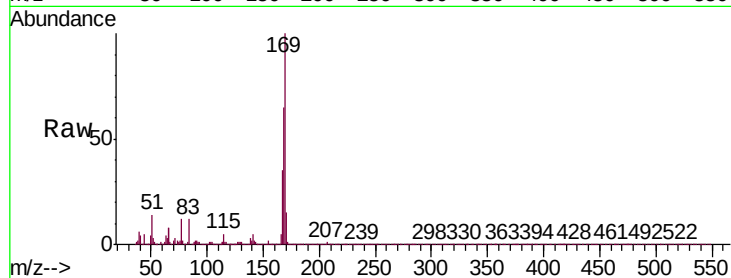
Tgt Ion:169 Resp: 152221

Ion Ratio Lower Upper

169 100

168 65.3 54.1 81.1

167 35.4 28.9 43.3

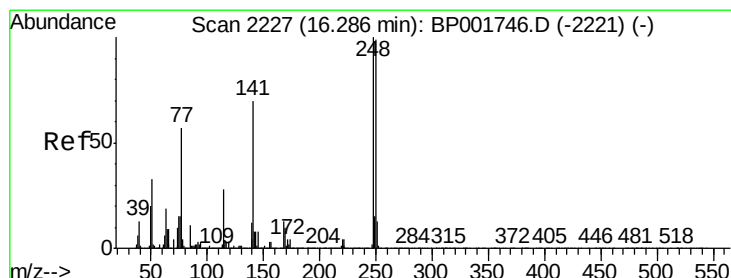
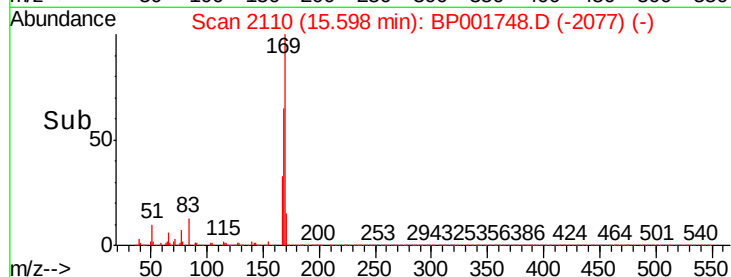
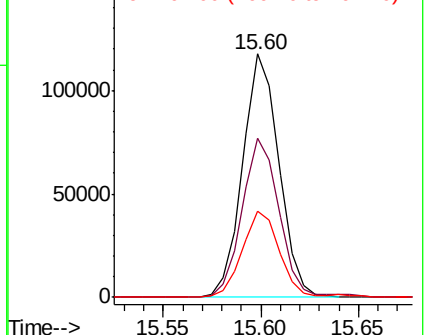


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.871 ng/ul

RT: 16.29 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

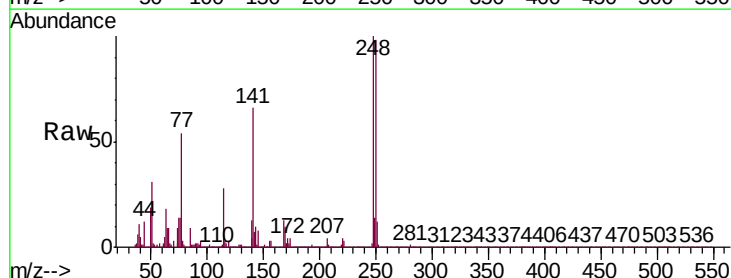
Tgt Ion:248 Resp: 57242

Ion Ratio Lower Upper

248 100

250 98.5 77.4 116.0

141 65.6 56.1 84.1

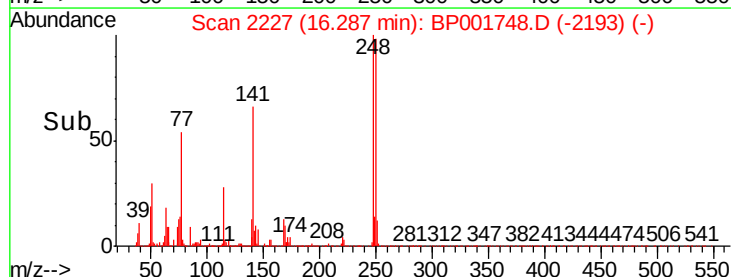
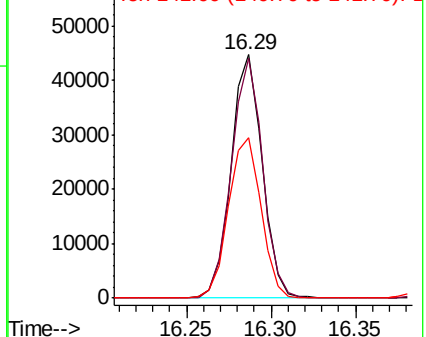


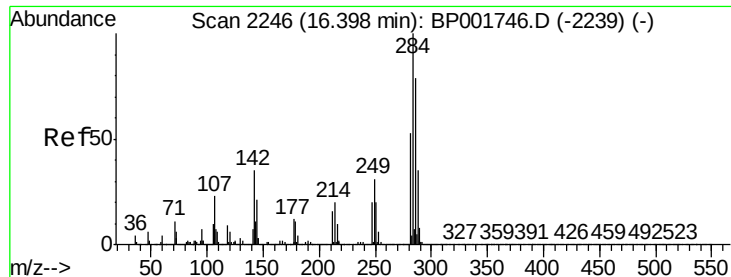
Abundance

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

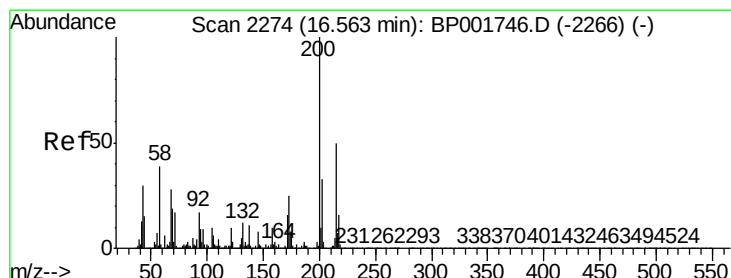
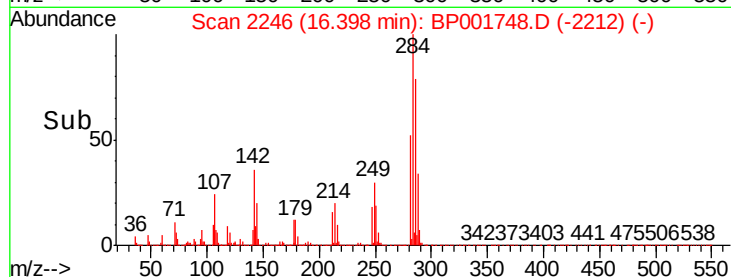
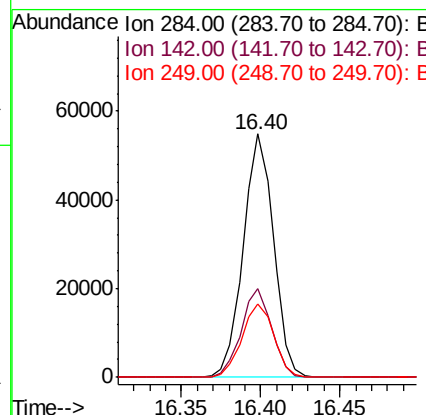
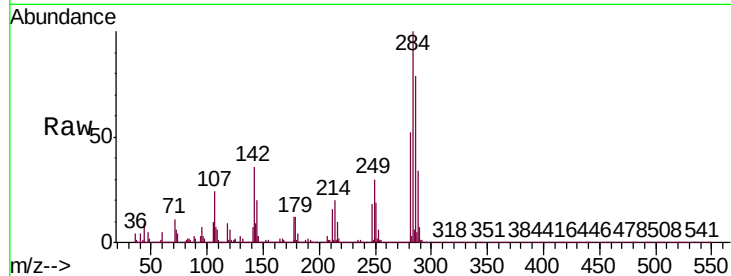




#67  
Hexachlorobenzene  
Concen: 4.161 ng/ul  
RT: 16.40 min Scan# 2246  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

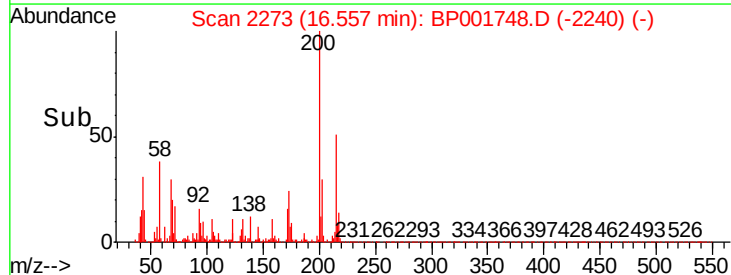
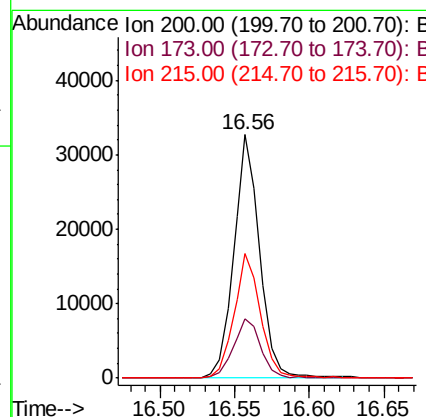
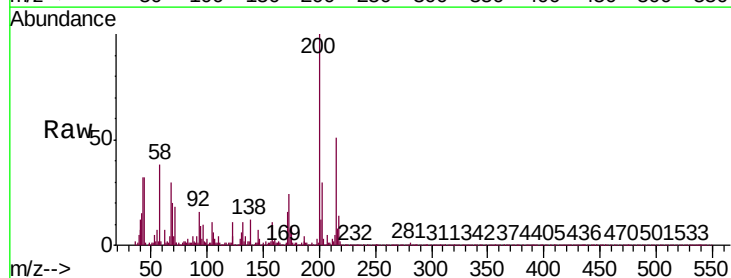
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

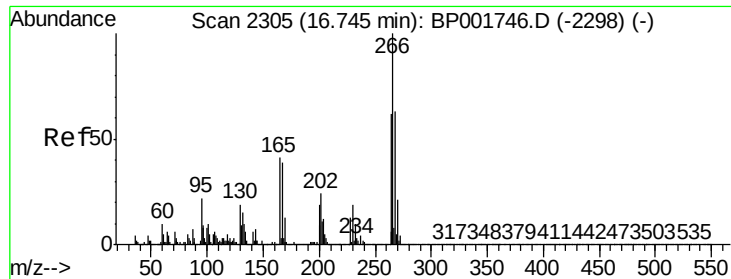
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.3  | 28.3  | 42.5  |
| 249     | 30.0  | 24.5  | 36.7  |



#68  
Atrazine  
Concen: 2.694 ng/ul  
RT: 16.56 min Scan# 2273  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 19.9  | 29.9  |
| 215     | 51.0  | 39.5  | 59.3  |

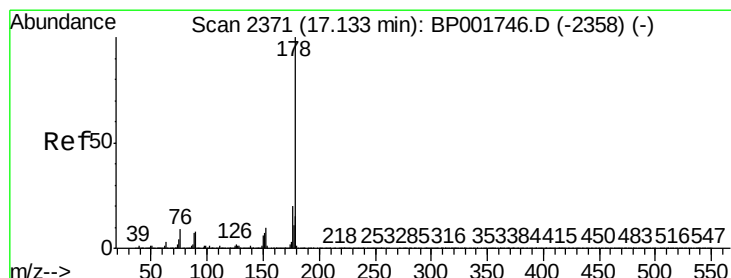
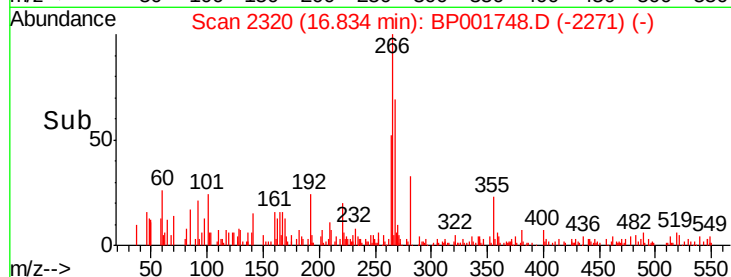
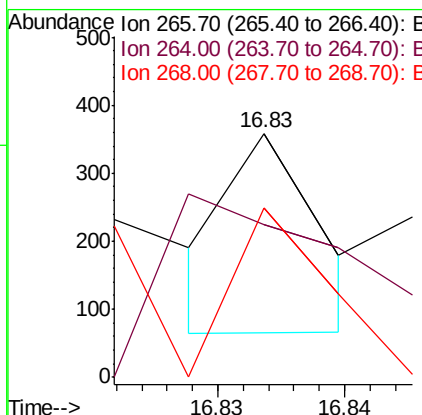
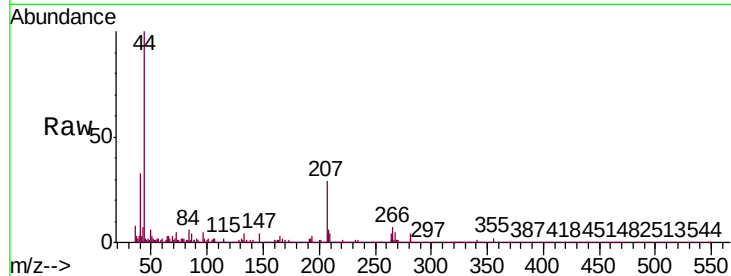




#69  
 Pentachlorophenol  
 Concen: 0.017 ng/ul  
 RT: 16.83 min Scan# 2320  
 Delta R.T. 0.09 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

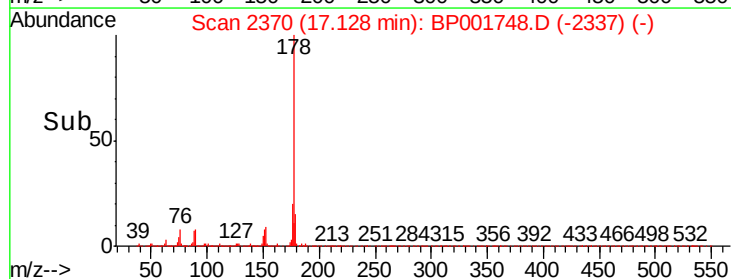
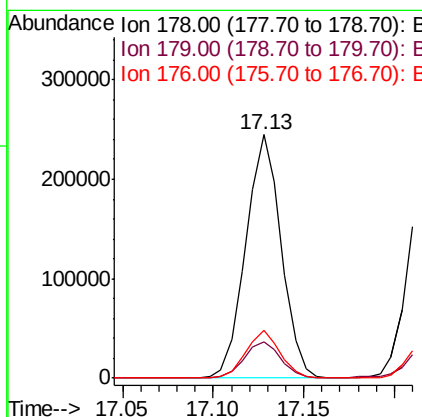
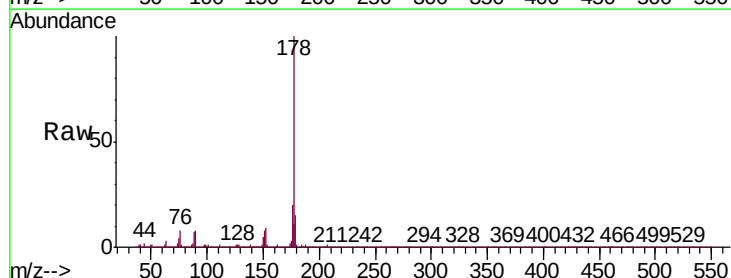
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

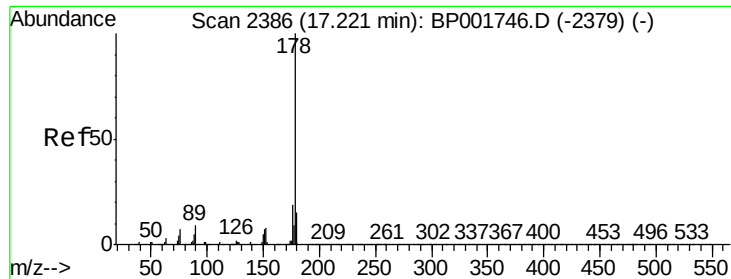
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 143   |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 62.6  | 51.0  | 76.4  |
| 268      | 69.3  | 50.8  | 76.2  |



#70  
 Phenanthrene  
 Concen: 4.228 ng/ul  
 RT: 17.13 min Scan# 2370  
 Delta R.T. -0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 330828 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 179      | 15.0  | 12.3  | 18.5   |
| 176      | 19.7  | 15.1  | 22.7   |

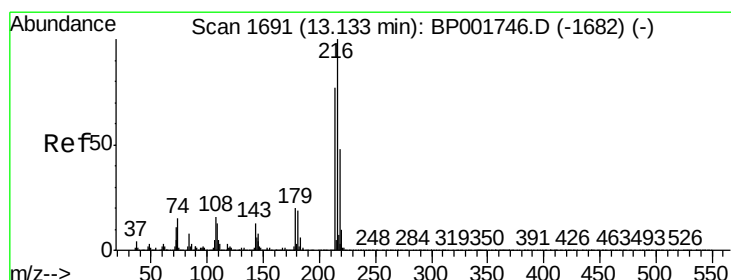
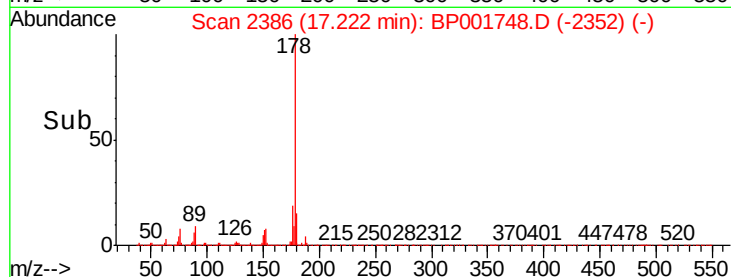
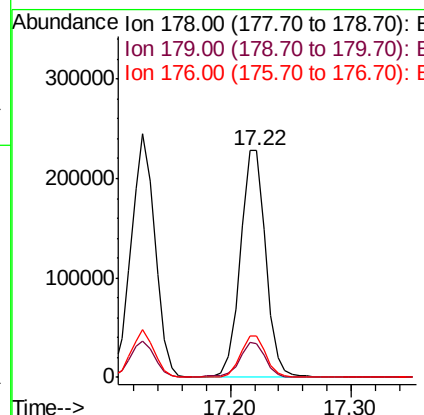
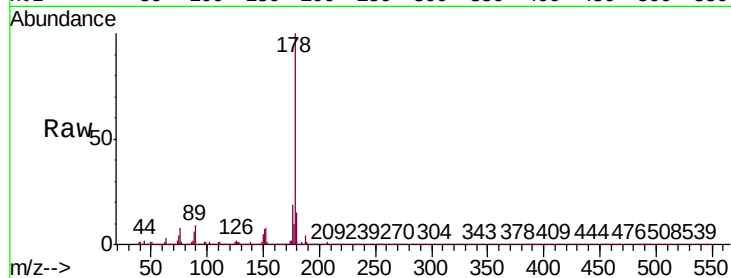




#72  
 Anthracene  
 Concen: 4.251 ng/uL  
 RT: 17.22 min Scan# 2386  
 Delta R.T. 0.00 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

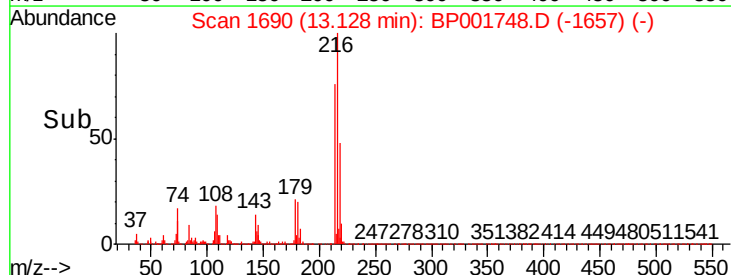
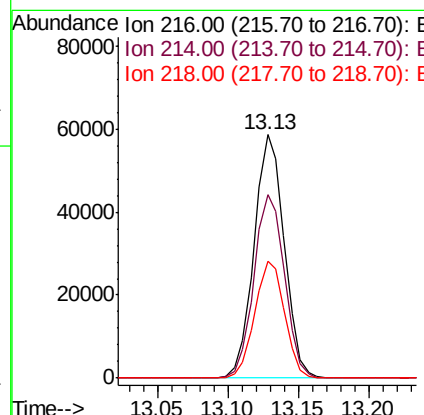
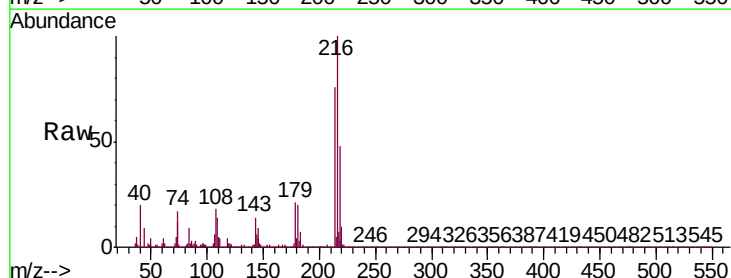
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.0  | 12.2  | 18.2  |
| 176     | 18.5  | 15.0  | 22.4  |

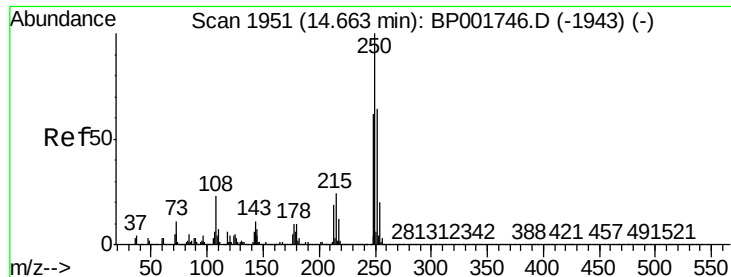


#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 4.211 ng/uL  
 RT: 13.13 min Scan# 1690  
 Delta R.T. -0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 75.6  | 62.2  | 93.2  |
| 218     | 48.0  | 37.8  | 56.6  |







#74

Pentachlorobenzene

Concen: 3.948 ng/uL

RT: 14.66 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

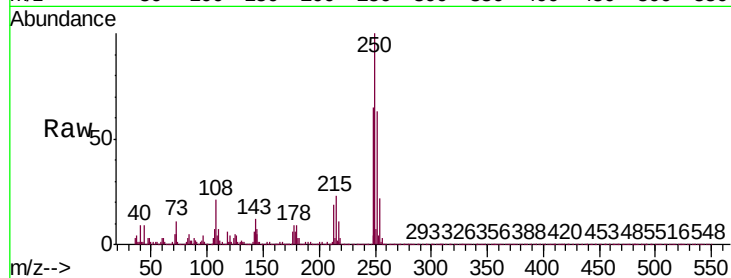
Tgt Ion:250 Resp: 83940

Ion Ratio Lower Upper

250 100

248 65.5 51.1 76.7

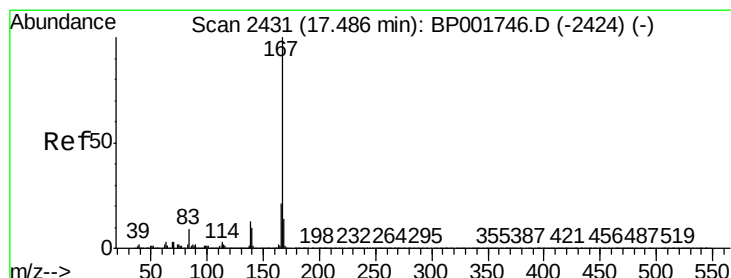
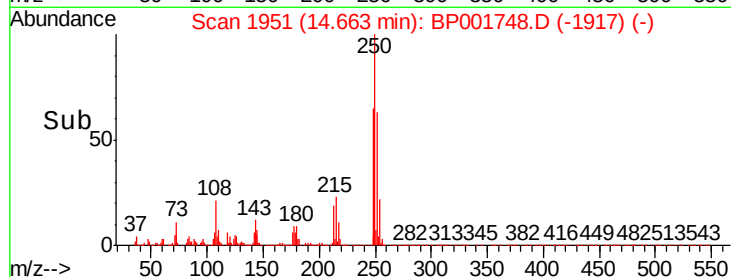
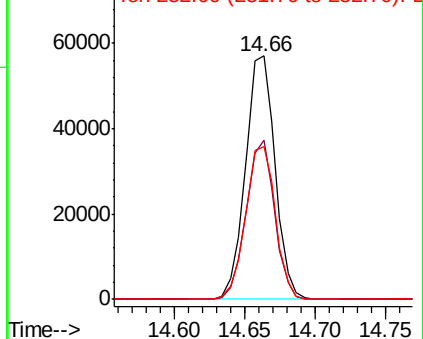
252 62.9 51.4 77.2



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.613 ng/uL

RT: 17.49 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

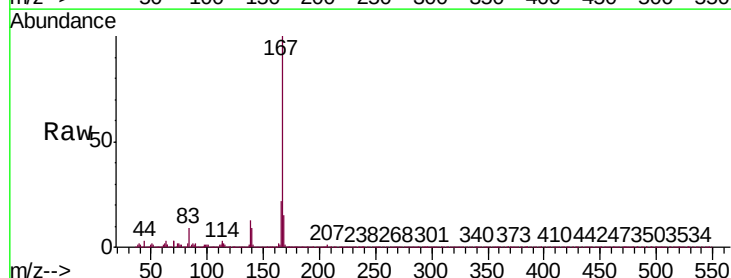
Tgt Ion:167 Resp: 239958

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

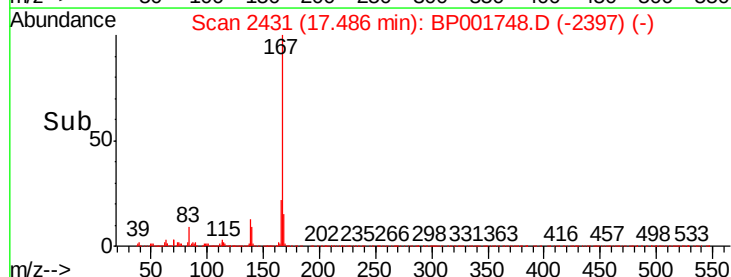
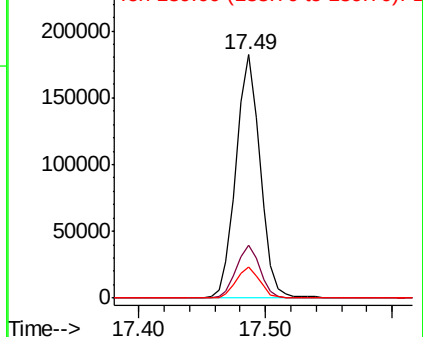
139 12.7 10.2 15.2

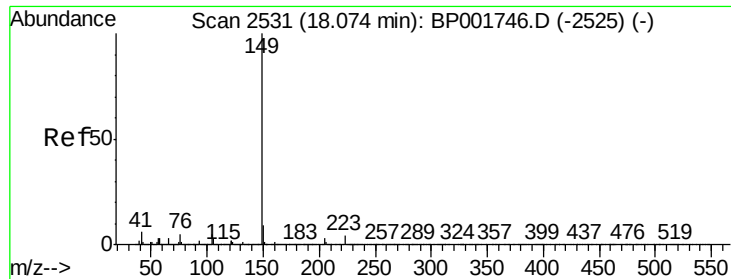


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

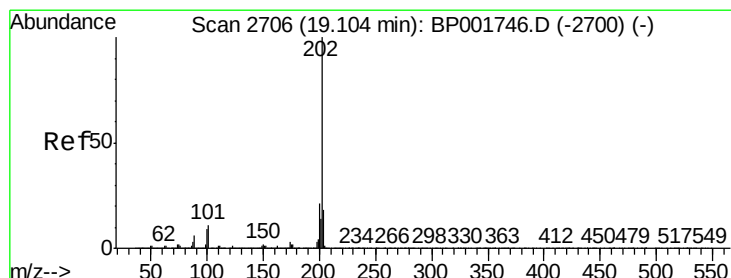
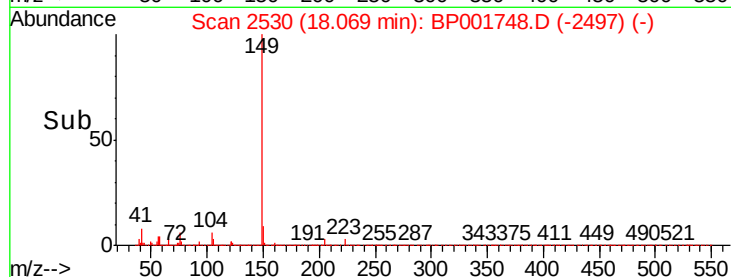
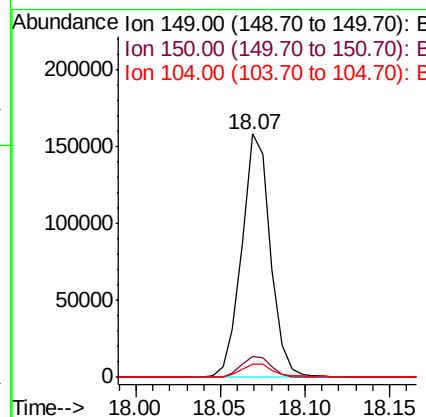
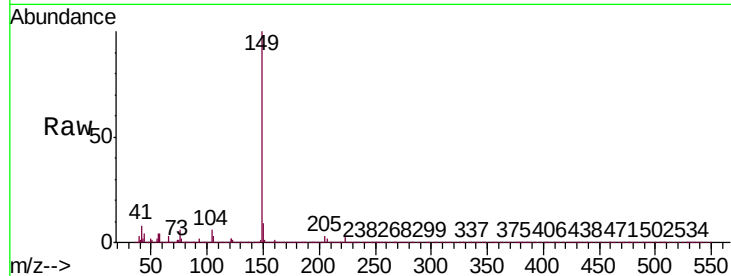




#76  
Di-n-butylphthalate  
Concen: 2.667 ng/ul  
RT: 18.07 min Scan# 2530  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

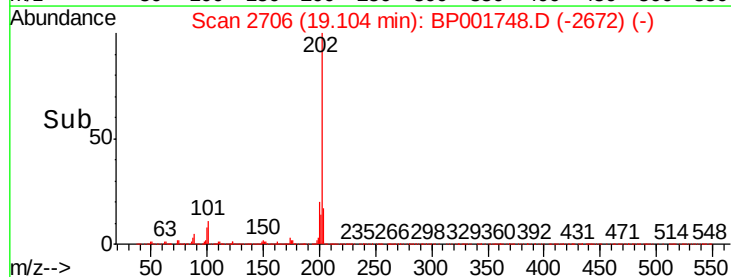
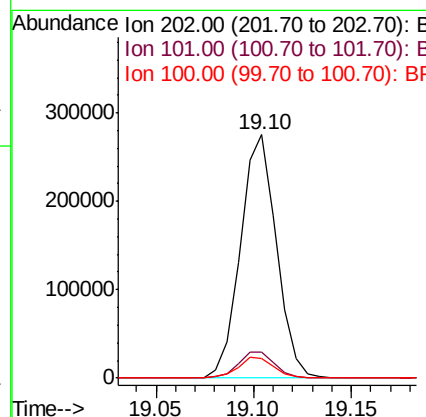
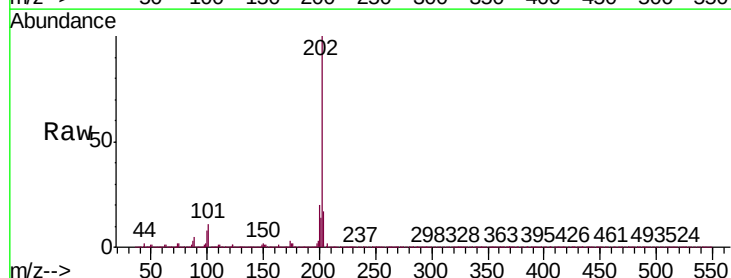
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

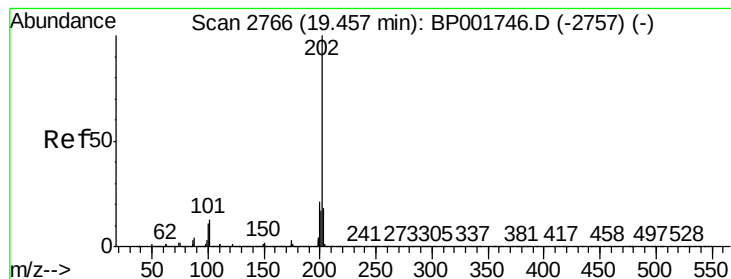
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.7   | 7.4   | 11.2  |
| 104     | 5.7   | 4.2   | 6.2   |



#77  
Fluoranthene  
Concen: 4.072 ng/ul  
RT: 19.10 min Scan# 2706  
Delta R.T. 0.00 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.6  | 8.9   | 13.3  |
| 100     | 7.9   | 6.9   | 10.3  |





#80

Pyrene

Concen: 4.258 ng/ul

RT: 19.45 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

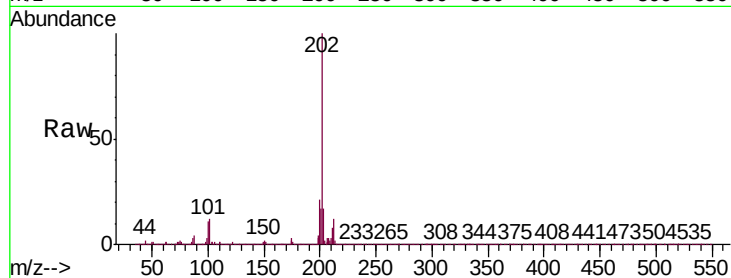
Tgt Ion:202 Resp: 428808

Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.2

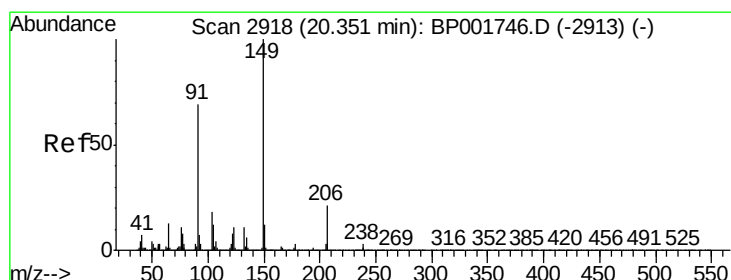
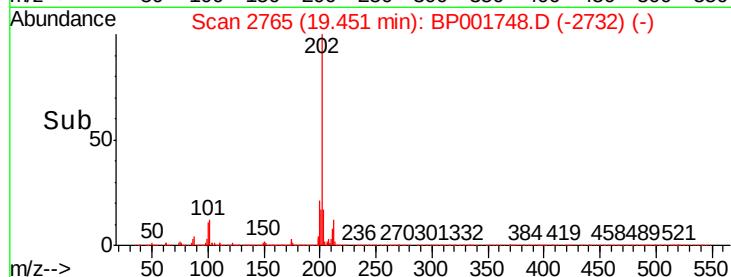
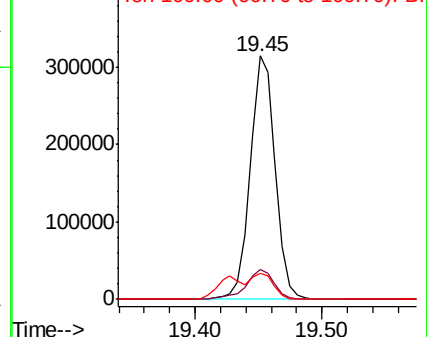
100 10.9 8.4 12.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 1.678 ng/ul

RT: 20.35 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

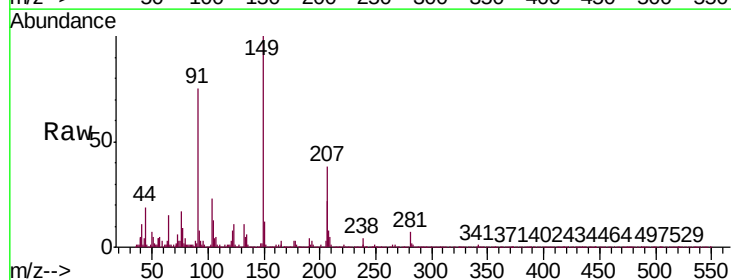
Tgt Ion:149 Resp: 50132

Ion Ratio Lower Upper

149 100

91 74.7 55.9 83.9

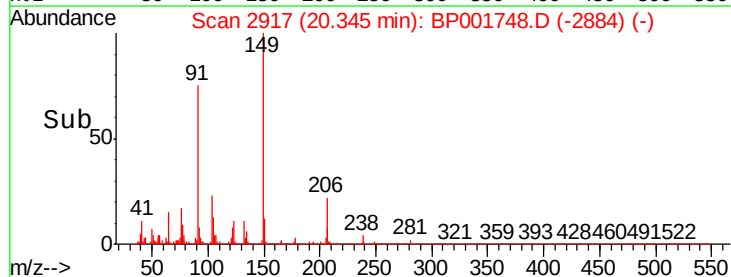
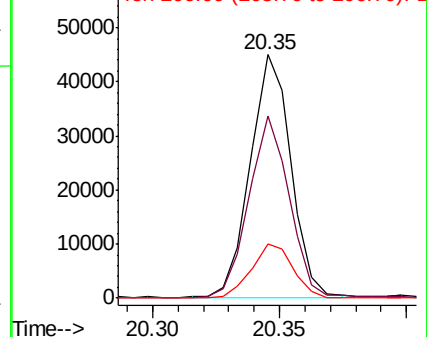
206 22.3 17.9 26.9

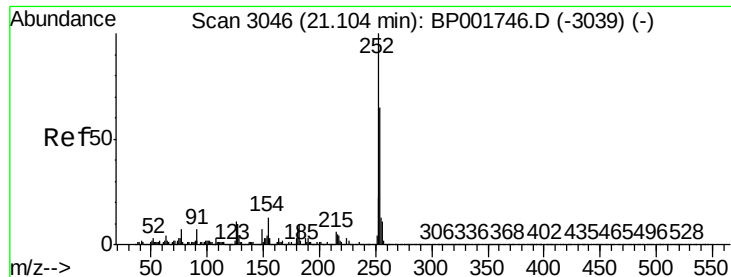


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 1.713 ng/ul

RT: 21.10 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

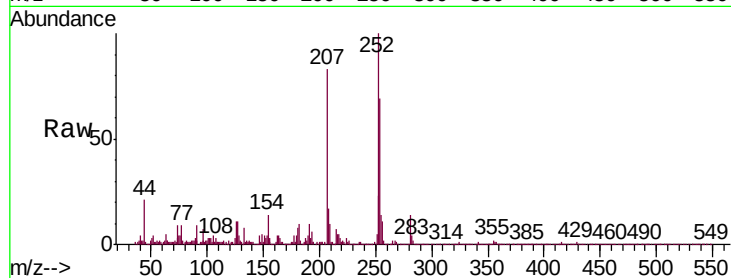
Tgt Ion:252 Resp: 52270

Ion Ratio Lower Upper

252 100

254 69.3 51.4 77.2

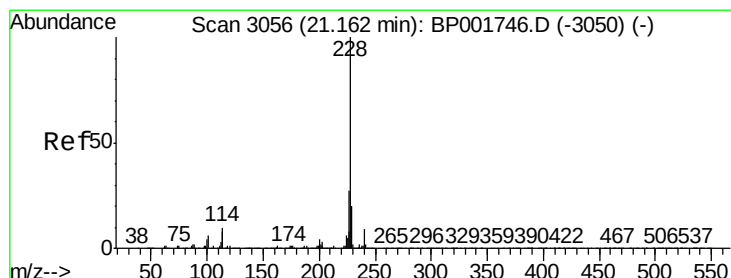
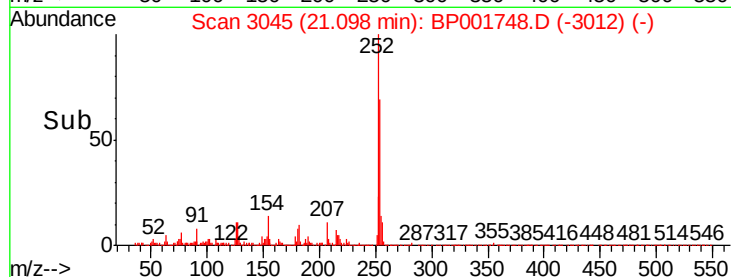
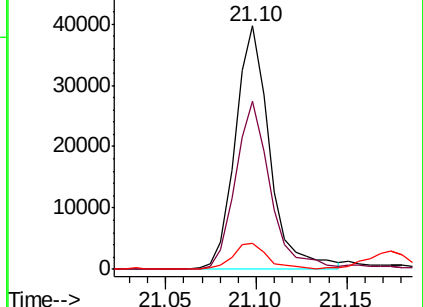
126 10.9 7.5 11.3



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

Benzo(a)anthracene

Concen: 3.812 ng/ul

RT: 21.16 min Scan# 3056

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

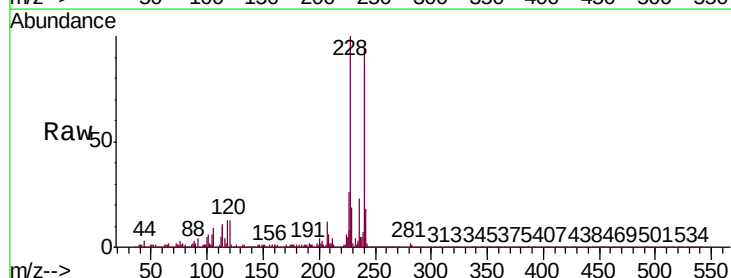
Tgt Ion:228 Resp: 390254

Ion Ratio Lower Upper

228 100

229 19.4 14.9 22.3

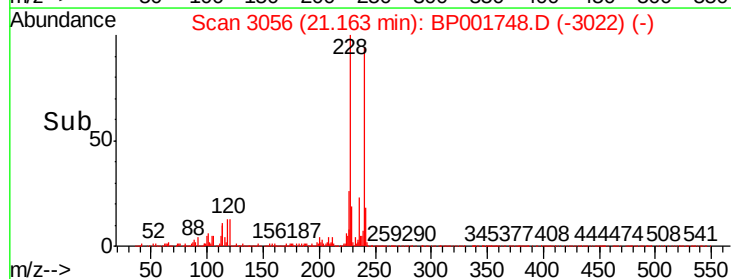
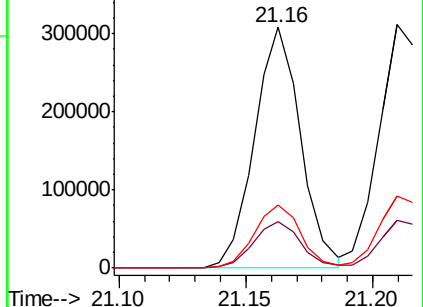
226 26.5 20.8 31.2

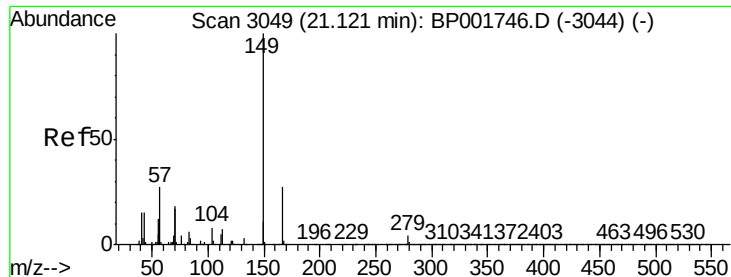


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

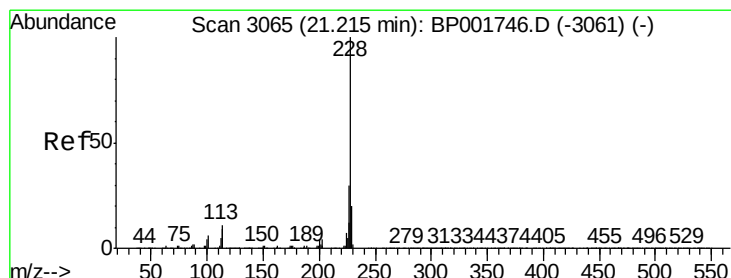
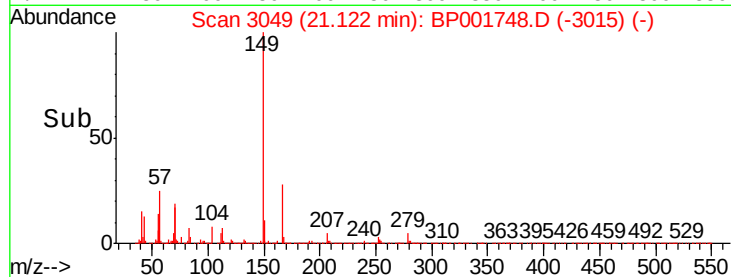
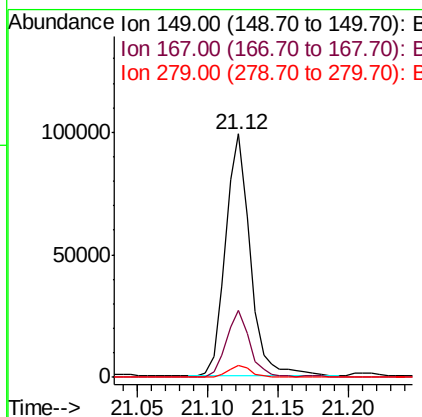
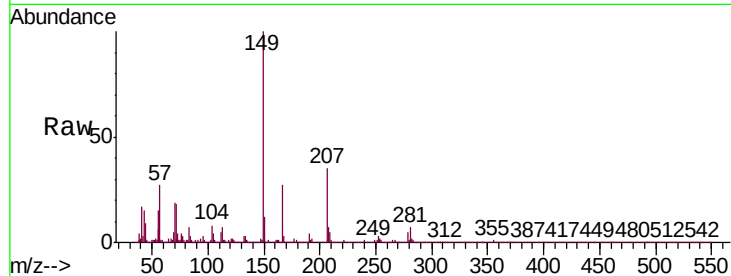




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.465 ng/ul  
 RT: 21.12 min Scan# 3049  
 Delta R.T. 0.00 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

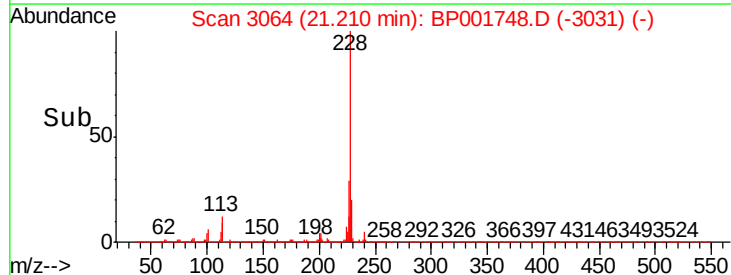
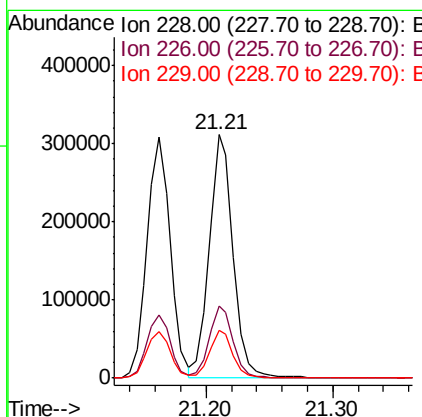
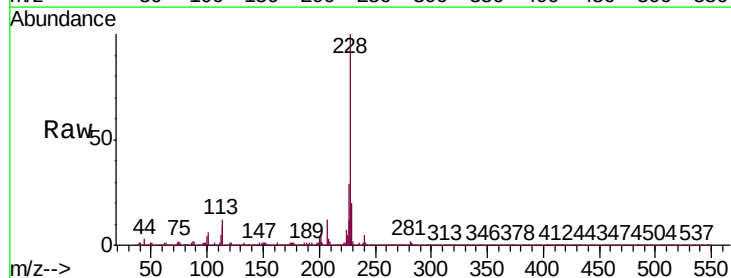
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-WATER-01

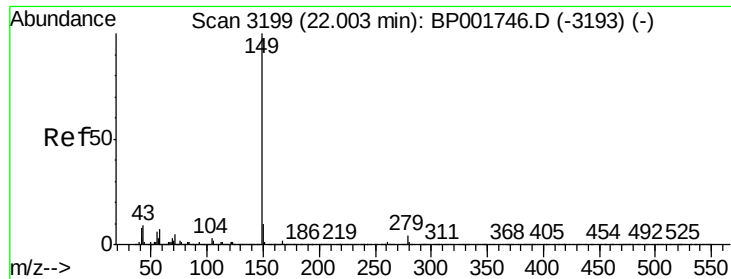
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.5  | 22.1  | 33.1  |
| 279     | 4.8   | 3.3   | 4.9   |



#85  
 Chrysene  
 Concen: 4.140 ng/ul  
 RT: 21.21 min Scan# 3064  
 Delta R.T. -0.01 min  
 Lab File: BP001748.D  
 Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 24.3  | 36.5  |
| 229     | 19.7  | 16.2  | 24.4  |





#87

Di-n-octyl phthalate

Concen: 1.979 ng/ul

RT: 22.00 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

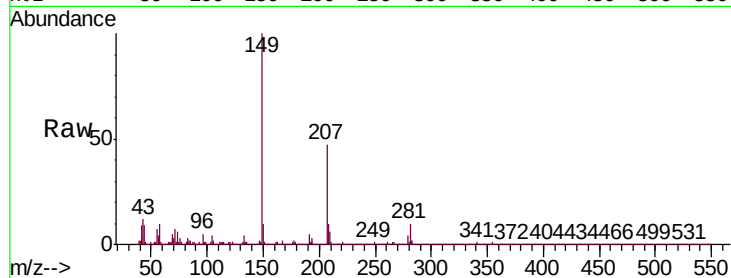
Instrument :

BNA\_P

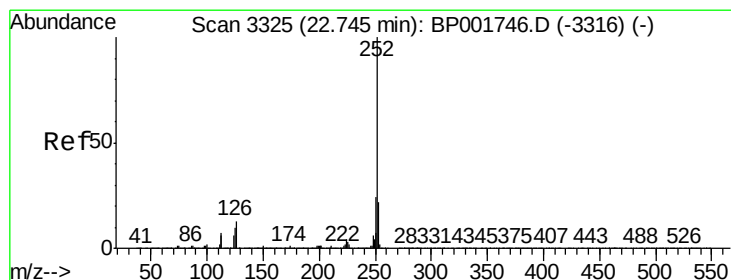
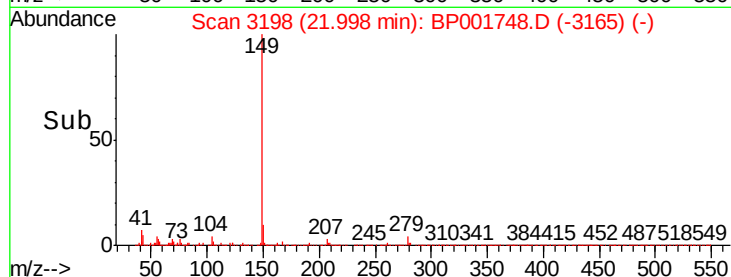
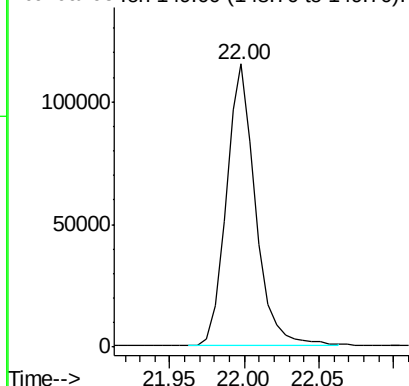
ClientSampleId :

MDL-WATER-01

Tgt Ion:149 Resp: 156284



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.480 ng/ul

RT: 22.75 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

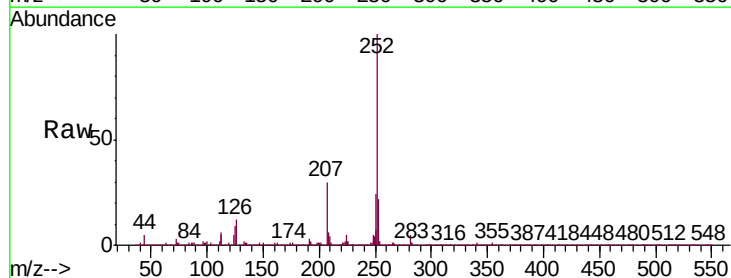
Tgt Ion:252 Resp: 356193

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

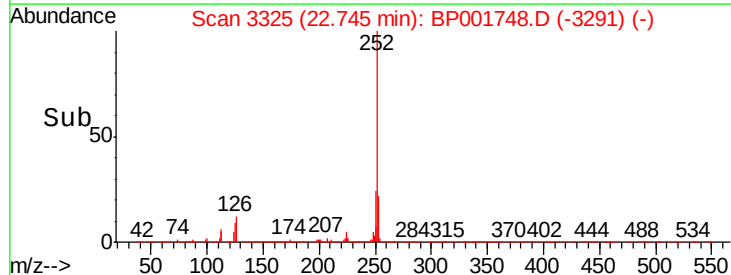
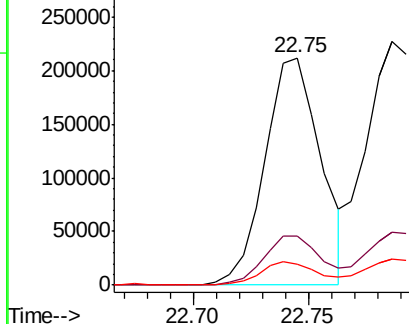
125 9.4 8.0 12.0

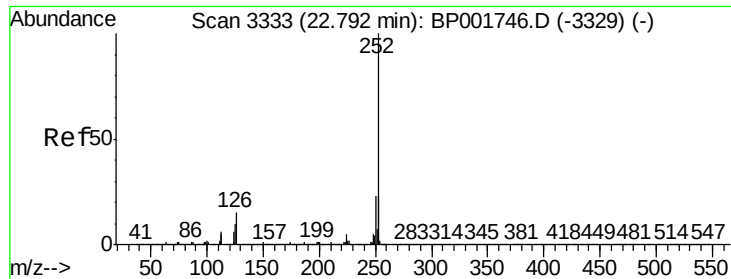


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.156 ng/ul

RT: 22.79 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

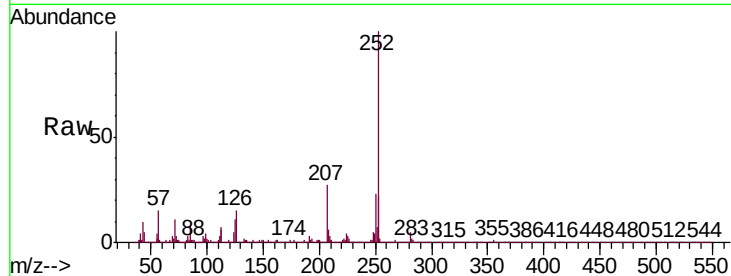
Tgt Ion:252 Resp: 429754

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

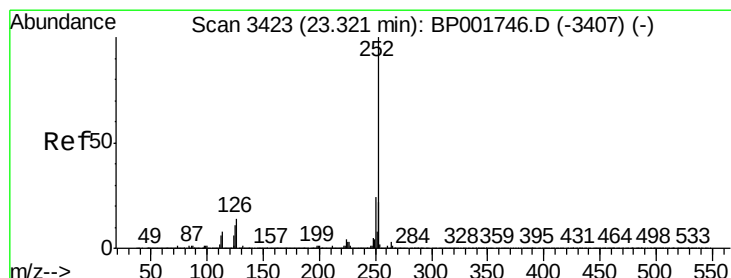
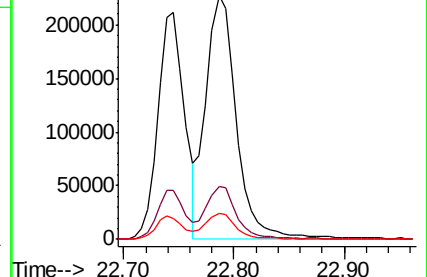
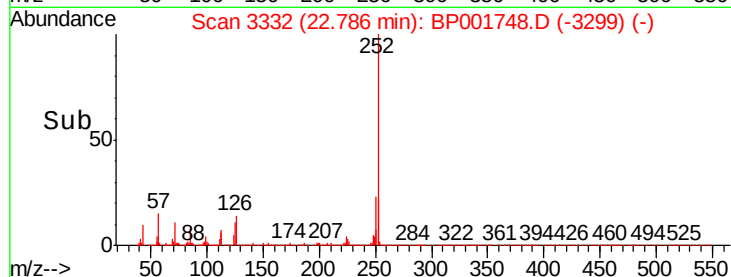
125 10.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 4.102 ng/ul

RT: 23.32 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

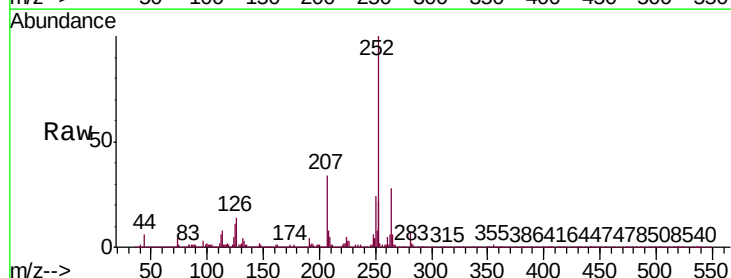
Tgt Ion:252 Resp: 398447

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

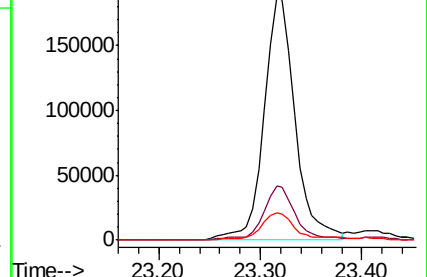
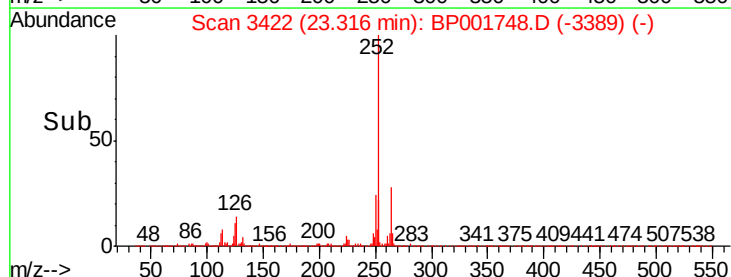
125 11.4 8.9 13.3

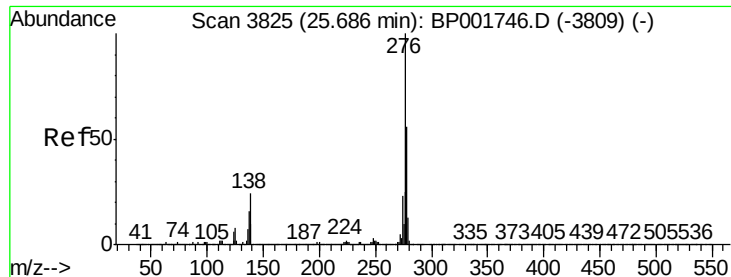


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



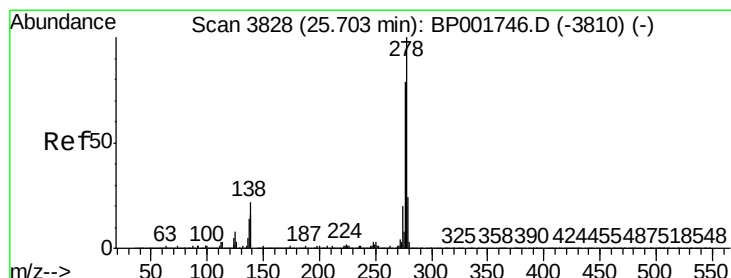
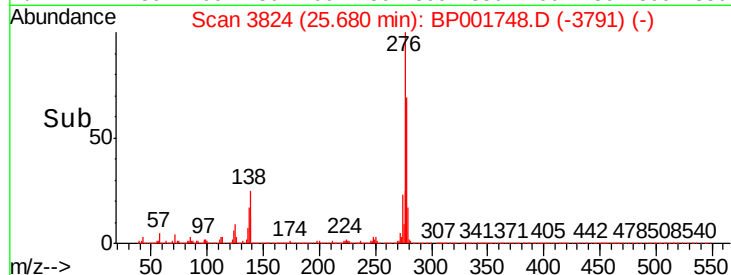
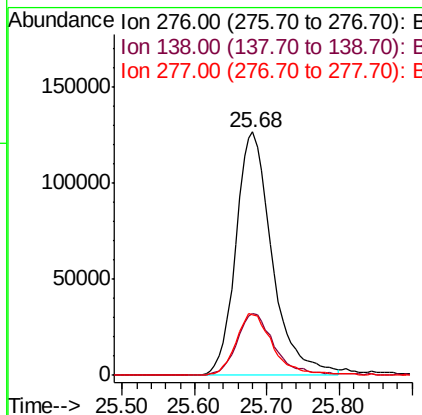
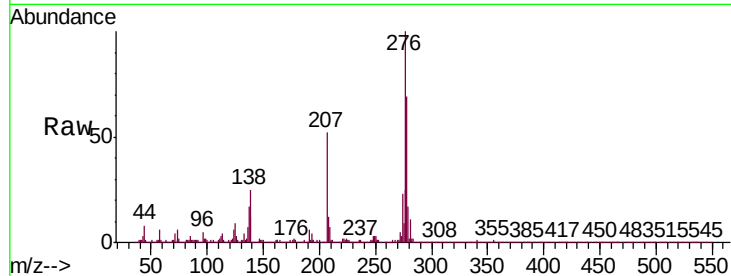


#92

Indeno(1,2,3-cd)pyrene  
Concen: 3.471 ng/ul  
RT: 25.68 min Scan# 3824  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-WATER-01

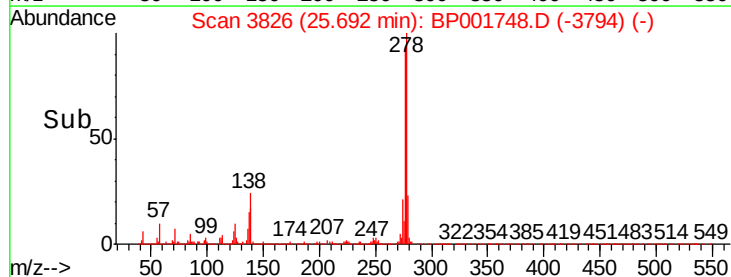
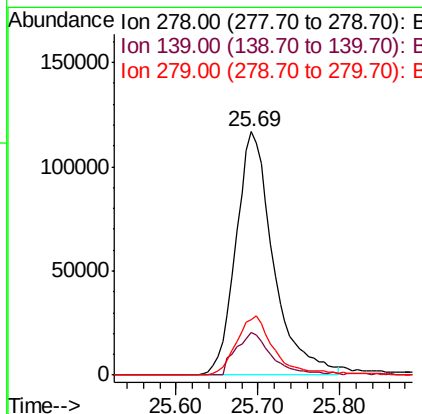
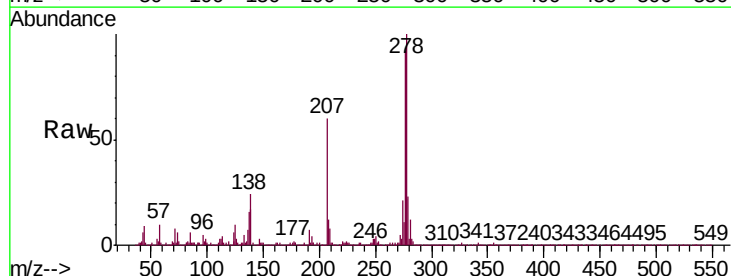
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.2  | 19.4  | 29.2  |
| 277     | 24.9  | 19.9  | 29.9  |



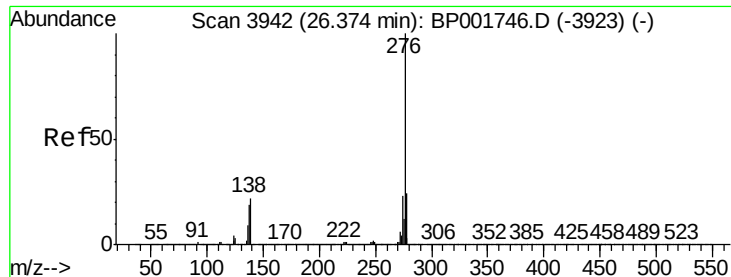
#93

Dibenzo(a,h)anthracene  
Concen: 3.500 ng/ul  
RT: 25.69 min Scan# 3826  
Delta R.T. -0.01 min  
Lab File: BP001748.D  
Acq: 14 Feb 2020 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 12.9  | 19.3  |
| 279     | 23.0  | 18.7  | 28.1  |







#94

Benzo(g,h,i)perylene

Concen: 3.479 ng/ul

RT: 26.36 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BP001748.D

Acq: 14 Feb 2020 16:39

Instrument :

BNA\_P

ClientSampleId :

MDL-WATER-01

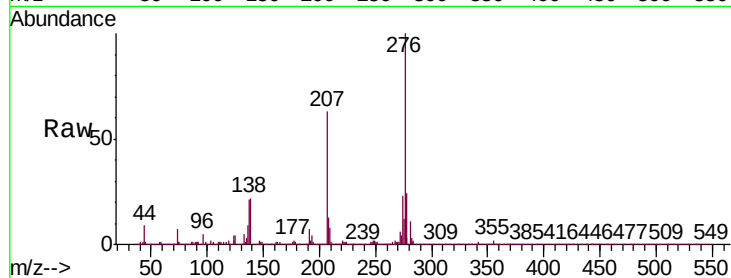
Tgt Ion: 276 Resp: 376814

Ion Ratio Lower Upper

276 100

138 22.3 17.0 25.4

277 23.5 19.0 28.4



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

