

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022318\  
 Data File : BF103201.D  
 Acq On : 23 Feb 2018 15:57  
 Operator : SJ/JU  
 Sample : J1161-09  
 Misc : MDL-S-5ppm  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

Manual Integrations  
 APPROVED

Sohil  
 2/26/2018 9:54:44 AM

Quant Time: Feb 23 17:13:45 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 175450   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 767881   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 358717   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 614056   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.04 | 240  | 449200   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 424008   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1305138 | 112.51 | ng | 0.00 |
| 7) Phenol-d6             | 6.50  | 99  | 1610404 | 113.45 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 1207798 | 89.83  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 348779  | 114.87 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1807793 | 87.38  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.99 | 244 | 1450369 | 77.62  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.65 | 88  | 26784  | 4.371 | ng | 90     |
| 3) Pyridine                    | 3.56 | 79  | 70829m | 4.330 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 28809m | 4.367 | ng |        |
| 6) Aniline                     | 6.54 | 93  | 104288 | 5.091 | ng | 96     |
| 8) 2-Chlorophenol              | 6.66 | 128 | 60557  | 5.025 | ng | 97     |
| 9) Benzaldehyde                | 6.43 | 77  | 34997  | 2.734 | ng | 98     |
| 10) Phenol                     | 6.52 | 94  | 83116  | 5.044 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 66518  | 5.318 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.81 | 146 | 71280  | 5.176 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 72078  | 5.220 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.04 | 146 | 66744  | 5.242 | ng | 96     |
| 15) Benzyl Alcohol             | 7.01 | 79  | 67995  | 6.357 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 109886 | 5.116 | ng | 96     |
| 17) 2-Methylphenol             | 7.12 | 107 | 56564  | 5.165 | ng | 92     |
| 18) Hexachloroethane           | 7.38 | 117 | 26137  | 5.200 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 53757  | 6.085 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 70565  | 5.286 | ng | # 21   |
| 22) Acetophenone               | 7.27 | 105 | 103003 | 5.747 | ng | # 92   |
| 24) Nitrobenzene               | 7.45 | 77  | 77552  | 5.239 | ng | 95     |
| 25) Isophorone                 | 7.69 | 82  | 132964 | 5.021 | ng | 98     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 30312  | 4.349 | ng | # 90   |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 47238  | 4.434 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 81431  | 5.230 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 47825  | 4.689 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 55445  | 5.105 | ng | 97     |
| 31) Naphthalene                | 8.17 | 128 | 200579 | 5.335 | ng | 98     |
| 32) Benzoic acid               | 7.88 | 122 | 20117  | 9.093 | ng | 93     |
| 33) 4-Chloroaniline            | 8.23 | 127 | 80346  | 4.953 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 28709  | 5.076 | ng | 95     |
| 35) Caprolactam                | 8.56 | 113 | 15940  | 4.447 | ng | # 80   |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 57626  | 5.009 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 132193 | 5.441 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 50251  | 5.124 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.01 | 237 | 3356   | 9.745 | ng | 89     |

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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

Manual Integrations  
 APPROVED

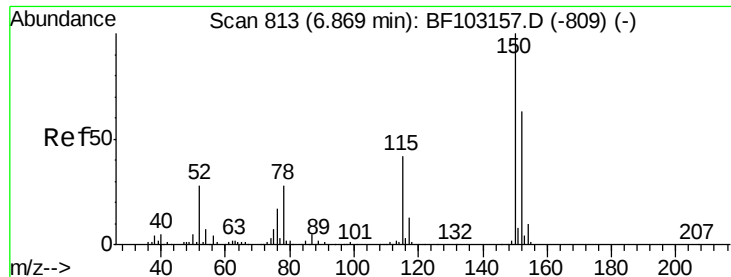
Sohil  
 2/26/2018 9:54:44 AM

Quant Time: Feb 23 17:13:45 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 29726    | 4.505  | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.19  | 196  | 31503    | 4.151  | ng    | 98       |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 170071   | 5.658  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 123257   | 5.183  | ng    | 97       |
| 47) 2-Nitroaniline             | 9.45  | 65   | 43367    | 4.923  | ng    | 83       |
| 48) Acenaphthylene             | 9.77  | 152  | 197425   | 5.396  | ng    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 147252   | 5.117  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 29488    | 4.883  | ng #  | 87       |
| 51) Acenaphthene               | 9.94  | 154  | 115664   | 5.421  | ng    | 100      |
| 52) 3-Nitroaniline             | 9.86  | 138  | 35314    | 4.609  | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 3882     | 11.187 | ng #  | 20       |
| 54) Dibenzofuran               | 10.11 | 168  | 168836   | 5.765  | ng    | 98       |
| 55) 4-Nitrophenol              | 10.04 | 139  | 14606    | 3.076  | ng    | 86       |
| 56) 2,4-Dinitrotoluene         | 10.10 | 165  | 37858    | 4.957  | ng #  | 91       |
| 57) Fluorene                   | 10.46 | 166  | 135699   | 5.439  | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 24354    | 4.777  | ng    | 94       |
| 59) Diethylphthalate           | 10.32 | 149  | 147108   | 5.345  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 58608    | 5.539  | ng    | 96       |
| 61) 4-Nitroaniline             | 10.47 | 138  | 33798    | 4.416  | ng    | 95       |
| 62) Azobenzene                 | 10.60 | 77   | 153548   | 5.481  | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198  | 10701    | 7.514  | ng #  | 72       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 115292   | 5.392  | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 32375    | 5.061  | ng    | 93       |
| 67) Hexachlorobenzene          | 11.00 | 284  | 35081    | 5.053  | ng    | 96       |
| 68) Atrazine                   | 11.09 | 200  | 31158    | 4.848  | ng    | 99       |
| 69) Pentachlorophenol          | 11.21 | 266  | 11392    | 3.393  | ng    | 91       |
| 70) Phenanthrene               | 11.42 | 178  | 184186   | 5.450  | ng    | 99       |
| 71) Anthracene                 | 11.47 | 178  | 186669   | 5.387  | ng    | 99       |
| 72) Carbazole                  | 11.63 | 167  | 179218   | 5.193  | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 228606   | 5.294  | ng    | 99       |
| 74) Fluoranthene               | 12.61 | 202  | 178909   | 5.268  | ng    | 97       |
| 76) Benzidine                  | 12.73 | 184  | 38989    | 2.322  | ng    | 96       |
| 77) Pyrene                     | 12.85 | 202  | 186953   | 5.338  | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 88410    | 4.778  | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.03 | 228  | 141748   | 4.863  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 48769    | 4.689  | ng    | 98       |
| 82) Chrysene                   | 14.07 | 228  | 145388   | 5.137  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 127030   | 5.087  | ng #  | 98       |
| 84) Di-n-octyl phthalate       | 14.63 | 149  | 193009   | 4.784  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 115164   | 5.140  | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.10 | 252  | 136278m  | 4.888  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.13 | 252  | 128934   | 4.911  | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.47 | 252  | 118475   | 4.759  | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.06 | 278  | 95889    | 4.985  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.50 | 276  | 95525    | 5.081  | ng    | 95       |

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





#1

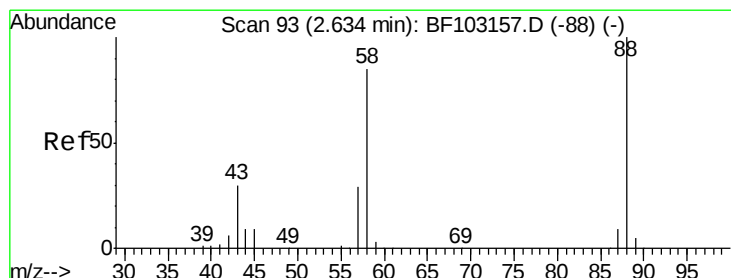
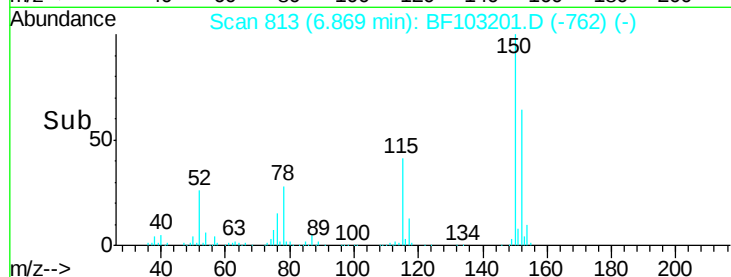
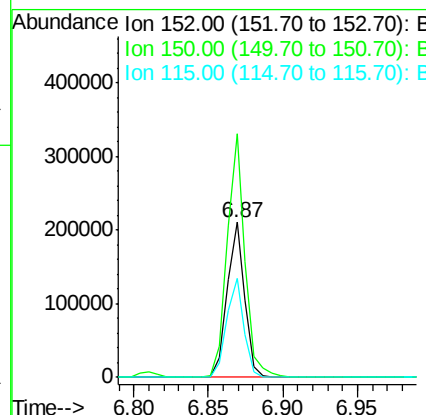
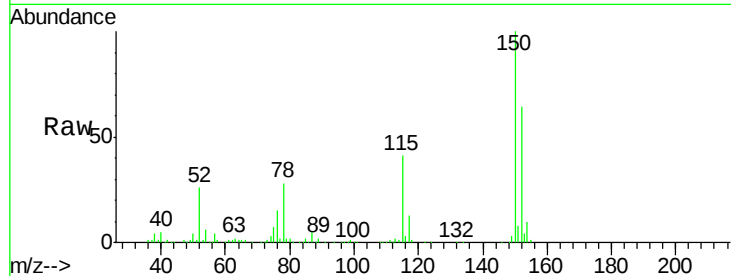
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.2 | 124.6 | 186.8 |
| 115     | 64.2  | 50.1  | 75.1  |

Manual Integrations  
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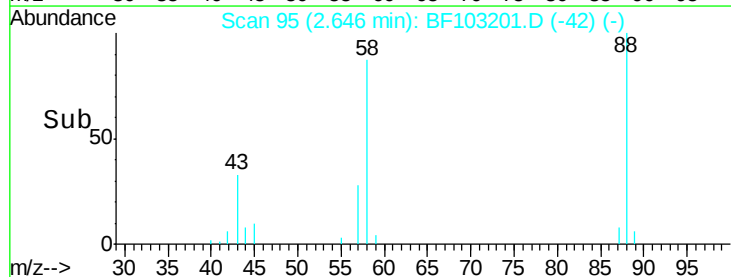
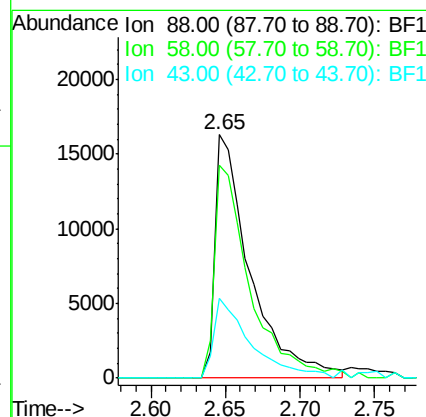
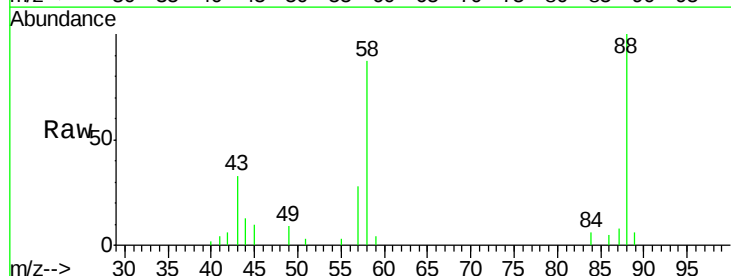
Sohil  
2/26/2018 9:54:44 AM

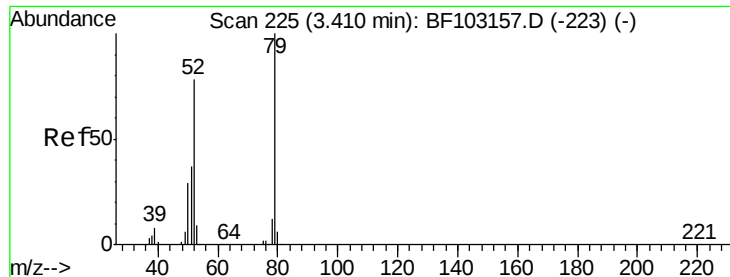


#2

1,4-Dioxane  
Concen: 4.371 ng  
RT: 2.65 min Scan# 95  
Delta R.T. 0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 88.5  | 62.6  | 93.8  |
| 43      | 34.8  | 24.6  | 37.0  |





#3

Pyridine

Concen: 4.330 ng m

RT: 3.56 min Scan# 251

Delta R.T. 0.15 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

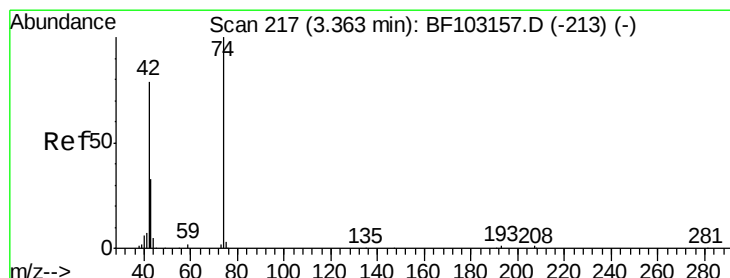
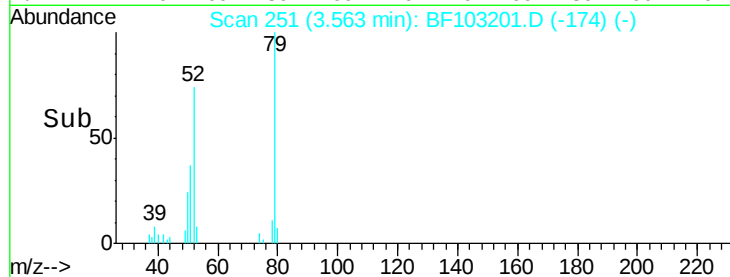
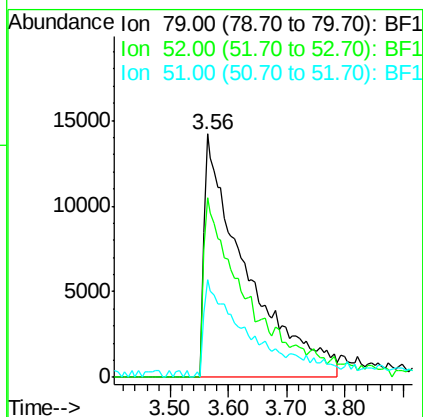
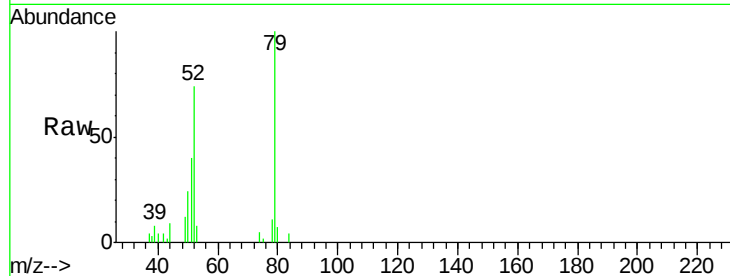
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 70829 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 74.0  | 59.8  | 89.6  |
| 51        | 40.0  | 29.8  | 44.8  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 4.367 ng m

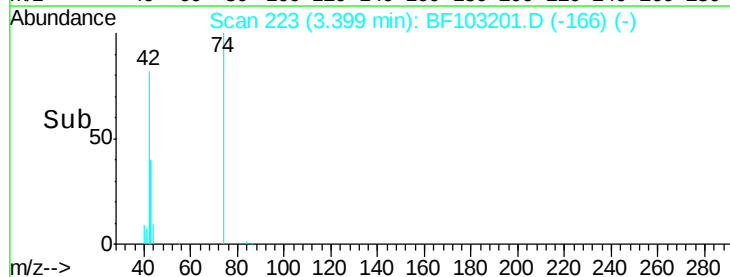
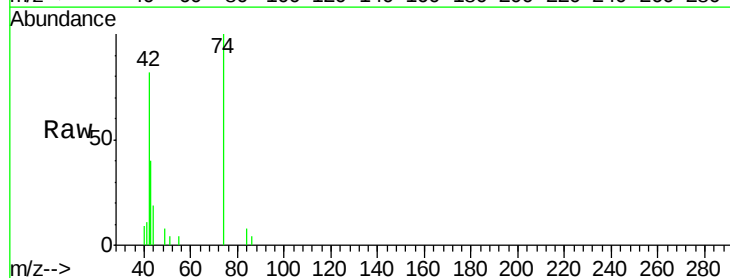
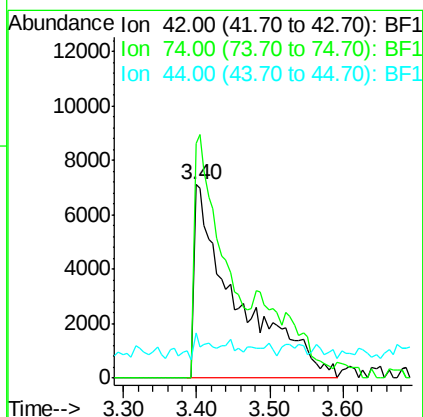
RT: 3.40 min Scan# 223

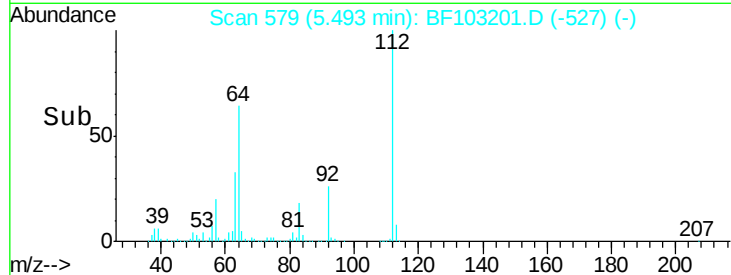
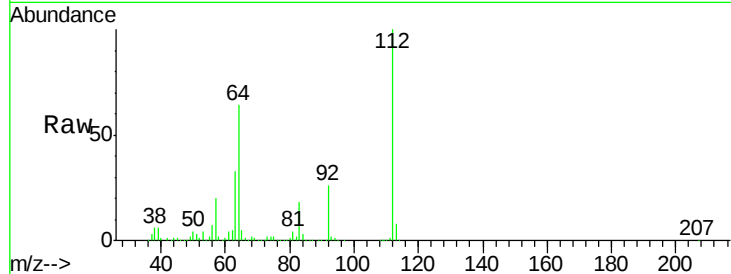
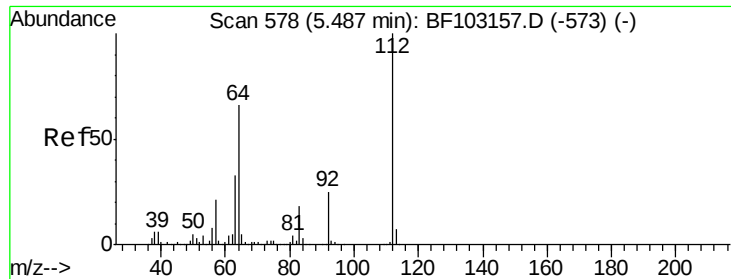
Delta R.T. 0.04 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 28809 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 121.5 | 104.9 | 157.3 |
| 44        | 23.4  | 6.9   | 10.3# |





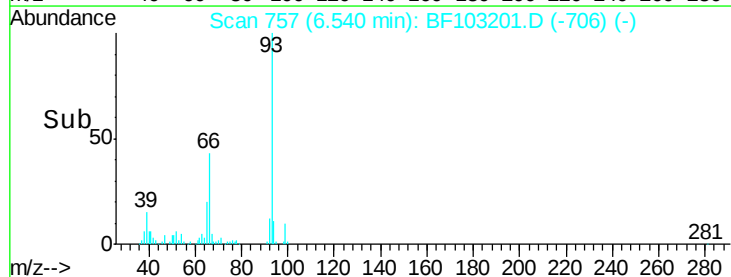
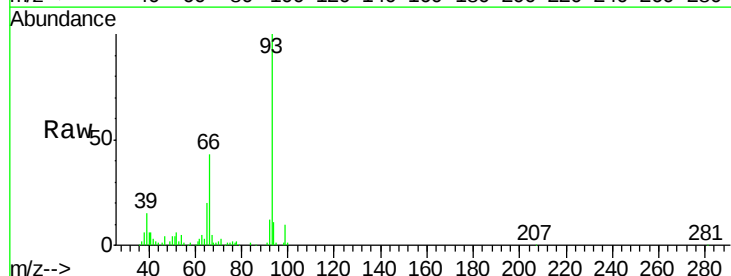
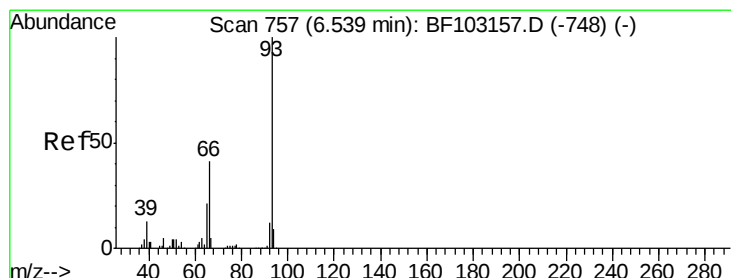
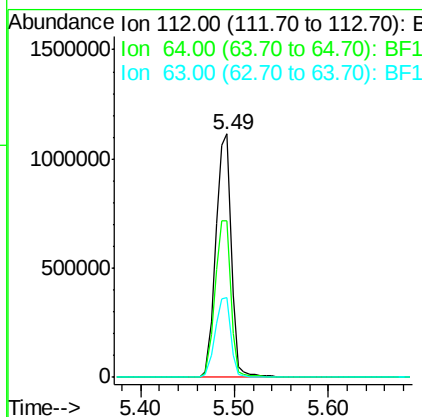
#5  
2-Fluorophenol  
Concen: 112.507 ng  
RT: 5.49 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Tgt Ion: 112 Resp: 1305138  
Ion Ratio Lower Upper  
112 100  
64 64.4 47.9 71.9  
63 32.8 23.7 35.5

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

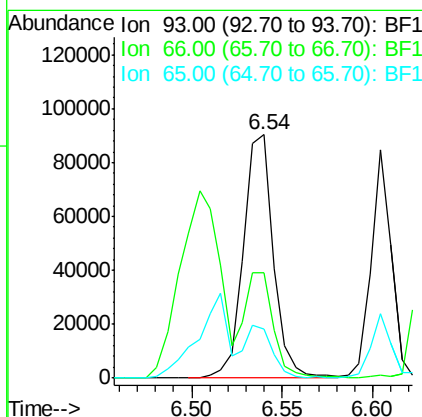
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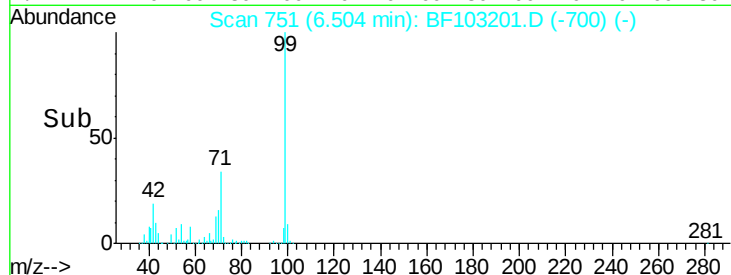
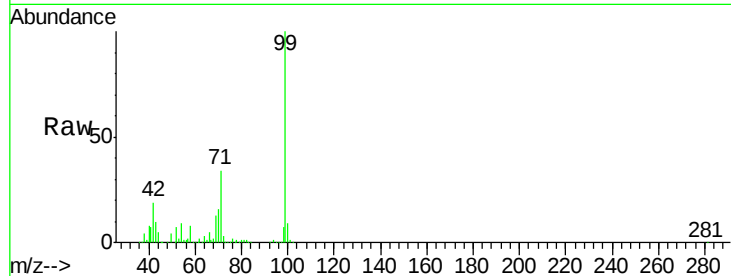
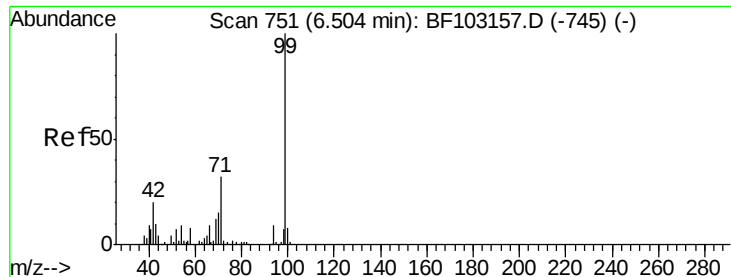
Sohil  
2/26/2018 9:54:44 AM



#6  
Aniline  
Concen: 5.091 ng  
RT: 6.54 min Scan# 757  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Tgt Ion: 93 Resp: 104288  
Ion Ratio Lower Upper  
93 100  
66 43.2 32.2 48.2  
65 20.0 16.4 24.6





#7

Phenol-d6

Concen: 113.449 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 99    | Resp: | 1610404 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 19.4  | 14.5  | 21.7    |
| 71       | 33.8  | 25.4  | 38.0    |

Instrument :

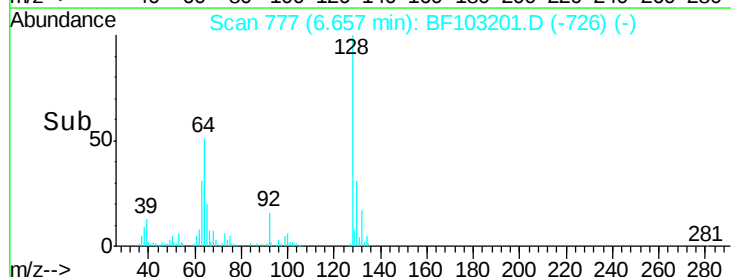
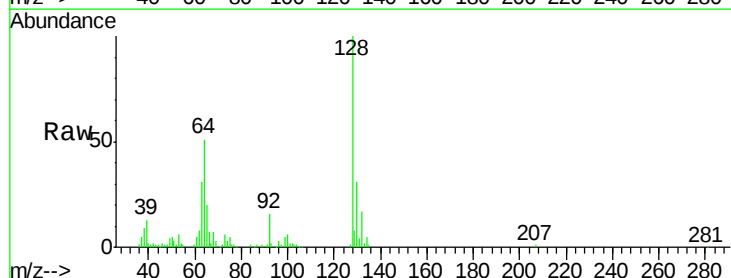
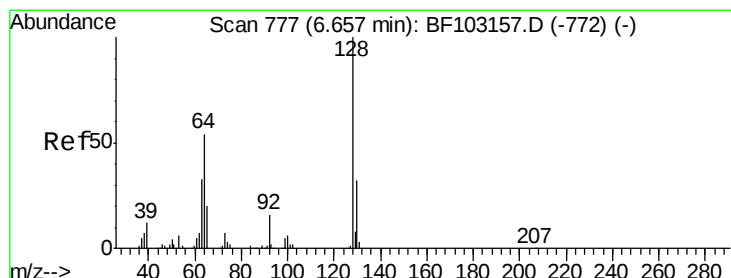
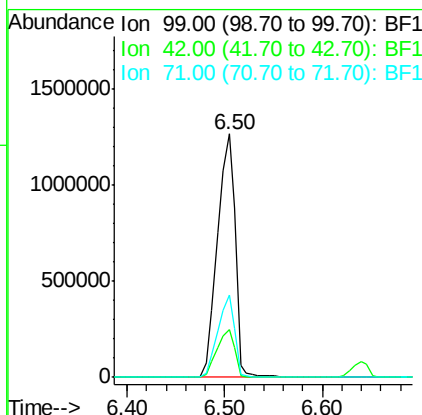
BNA\_F

ClientSampleId :

MDL-WATER-03-QT1-2018

Manual Integrations  
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2/26/2018 9:54:44 AM



#8

2-Chlorophenol

Concen: 5.025 ng

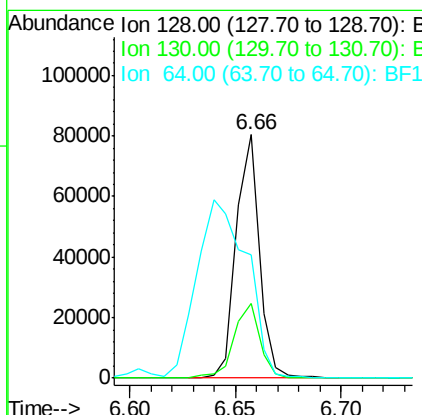
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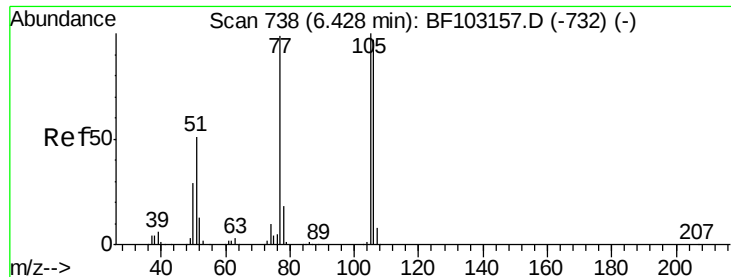
Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 60557 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 30.6  | 13.0  | 53.0  |
| 64       | 50.8  | 29.4  | 69.4  |





#9

Benzaldehyde

Concen: 2.734 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103201.D

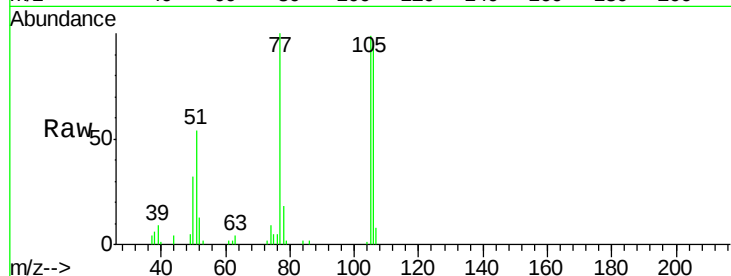
Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

ClientSampleId :

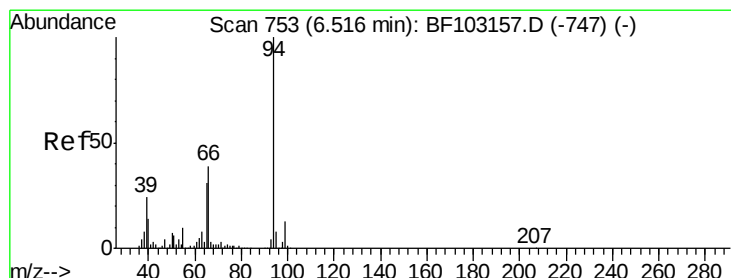
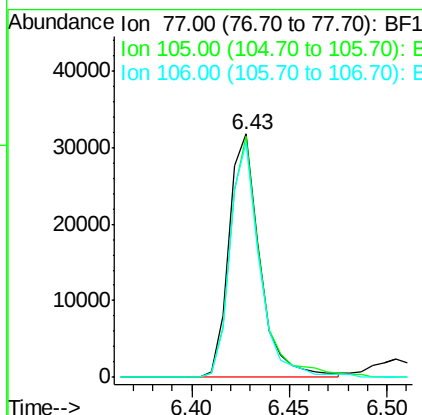
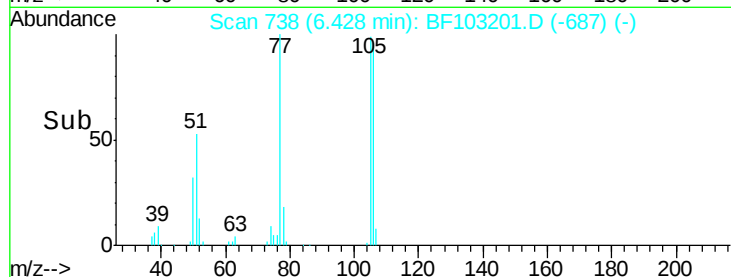
MDL-WATER-03-QT1-2018



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 34997 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 99.2  | 81.1  | 121.1 |
| 106      | 96.4  | 74.5  | 114.5 |

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#10

Phenol

Concen: 5.044 ng

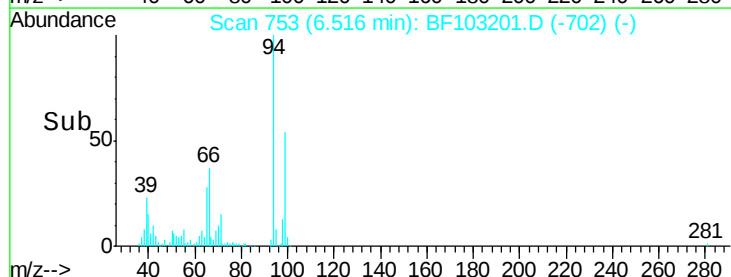
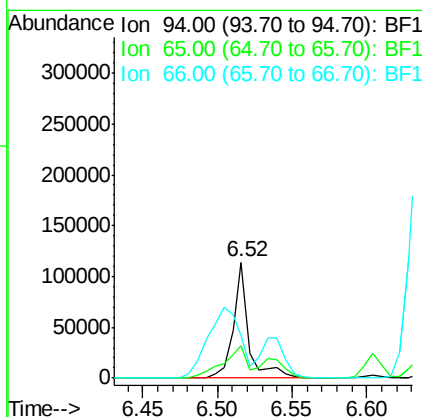
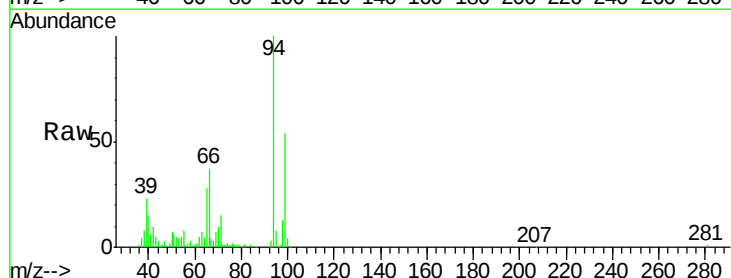
RT: 6.52 min Scan# 753

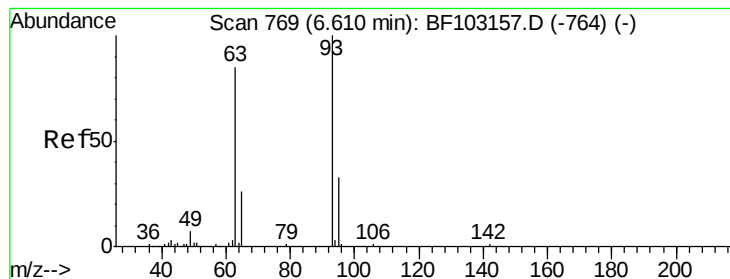
Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 83116 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 27.8  | 7.9   | 47.9  |
| 66       | 36.7  | 16.2  | 56.2  |





#11

bis(2-Chloroethyl)ether

Concen: 5.318 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

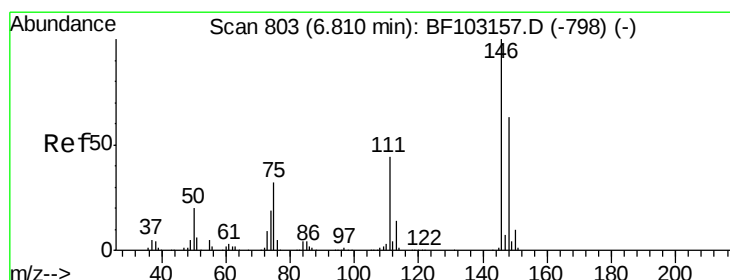
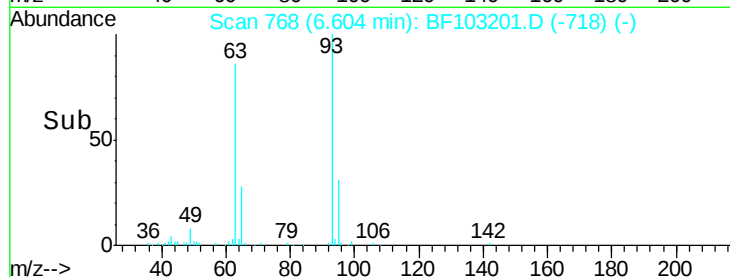
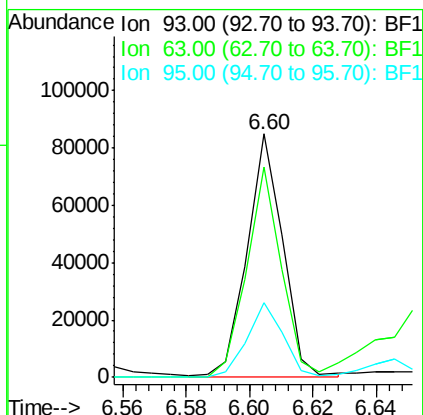
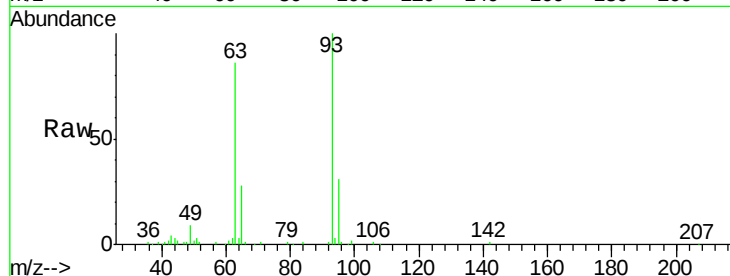
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 66518 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 86.2  | 58.6  | 98.6  |
| 95        | 30.8  | 11.8  | 51.8  |

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#12

1,3-Dichlorobenzene

Concen: 5.176 ng

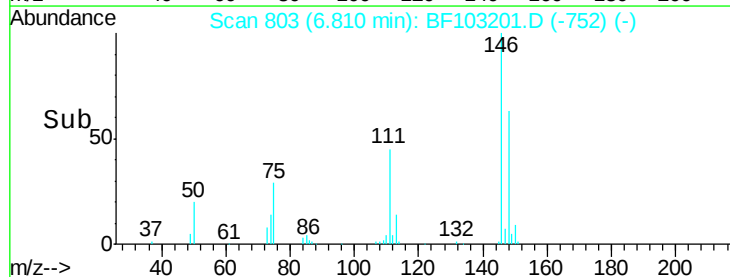
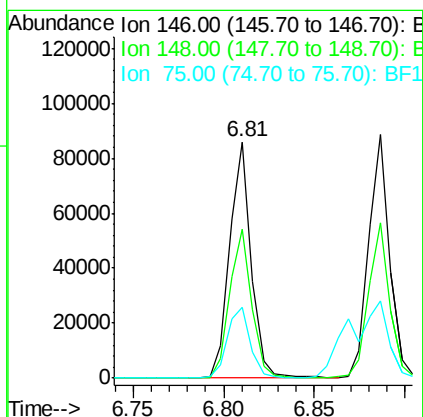
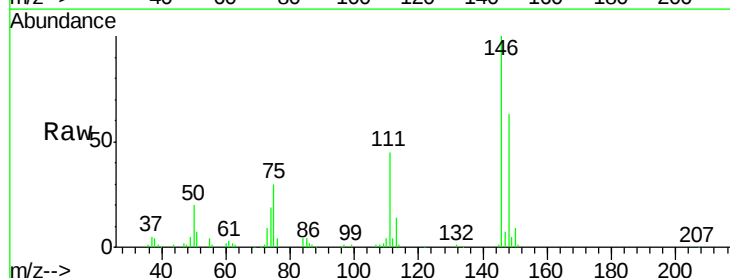
RT: 6.81 min Scan# 803

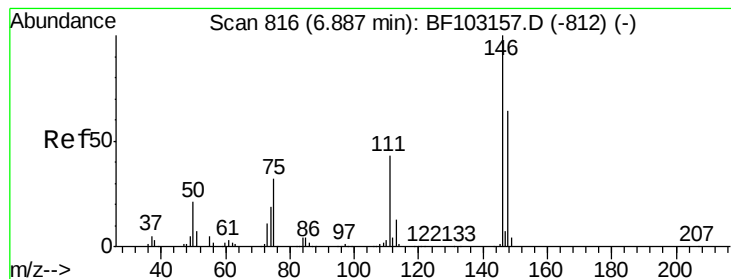
Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 71280 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.2  | 51.8  | 77.8  |
| 75        | 30.1  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 5.220 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

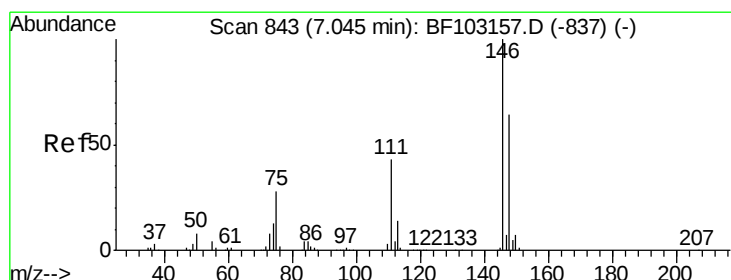
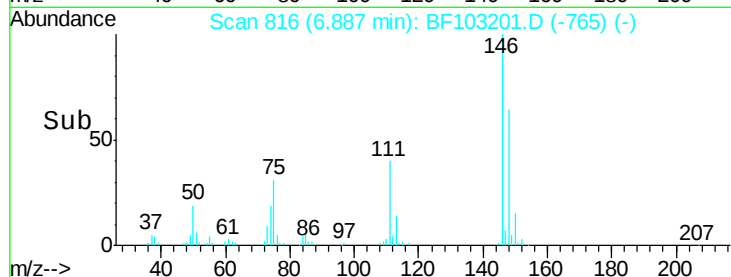
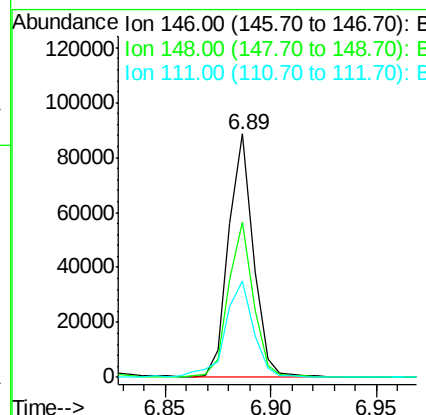
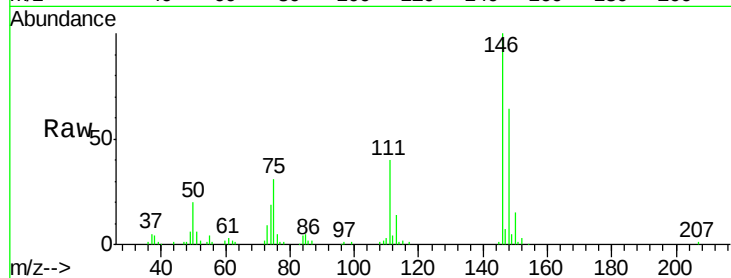
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 72078 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.6  | 50.8  | 76.2  |
| 111       | 39.6  | 34.2  | 51.2  |

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#14

1,2-Dichlorobenzene

Concen: 5.242 ng

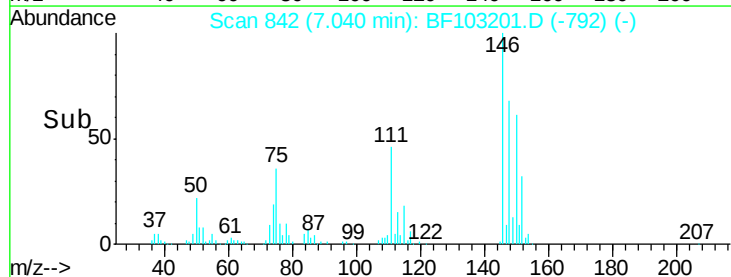
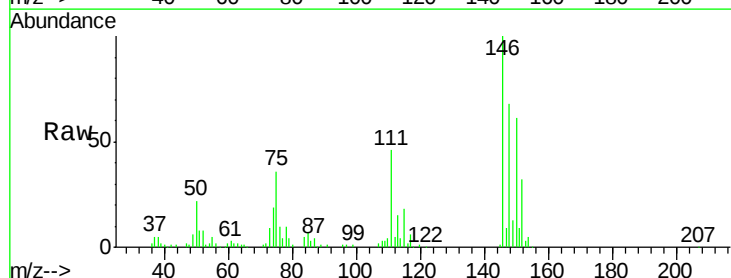
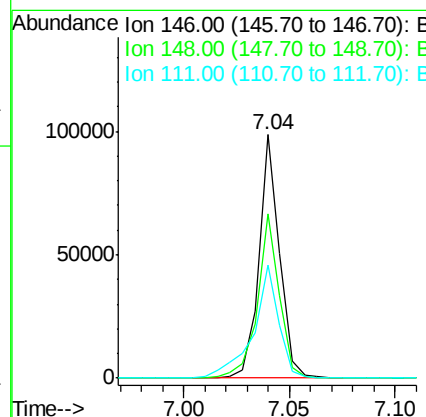
RT: 7.04 min Scan# 842

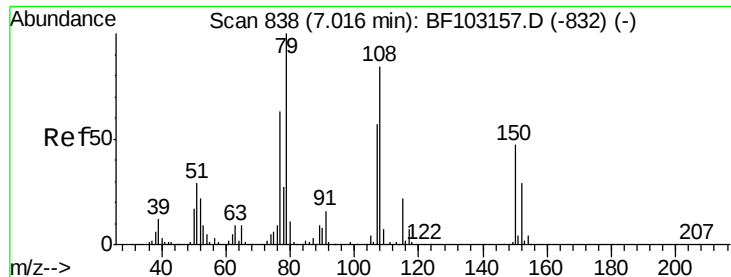
Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 66744 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 67.6  | 50.6  | 75.8  |
| 111       | 46.3  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 6.357 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

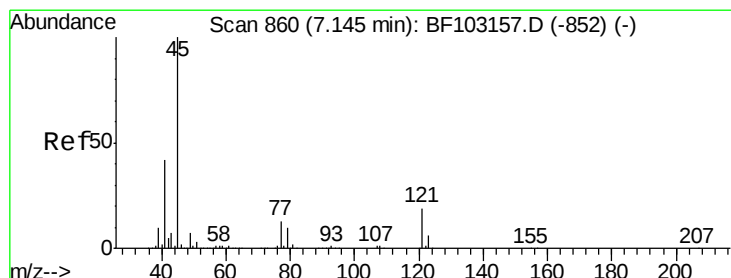
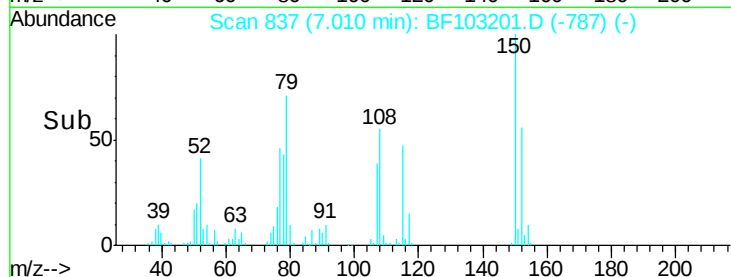
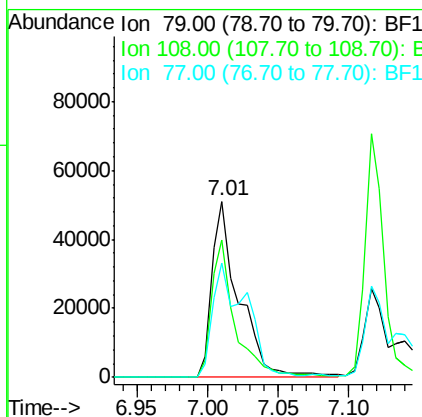
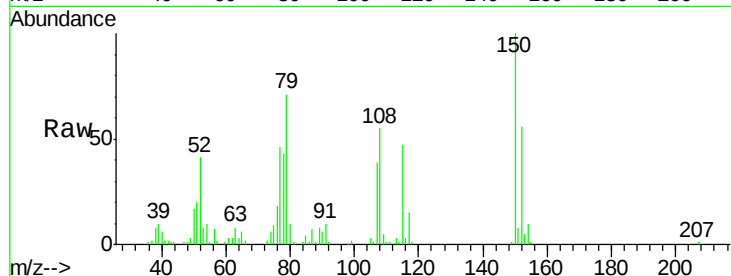
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 67995 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 77.9  | 65.1  | 97.7  |
| 77        | 64.8  | 50.6  | 75.8  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.116 ng

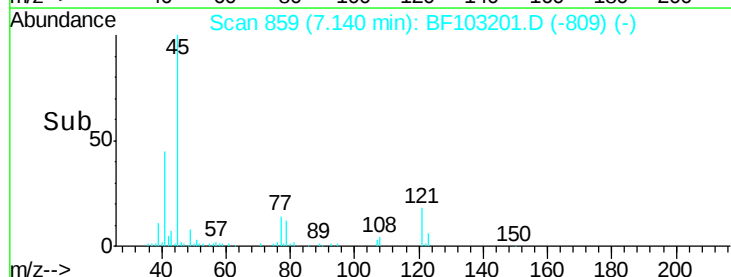
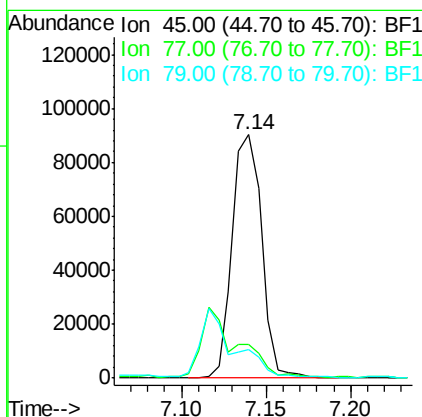
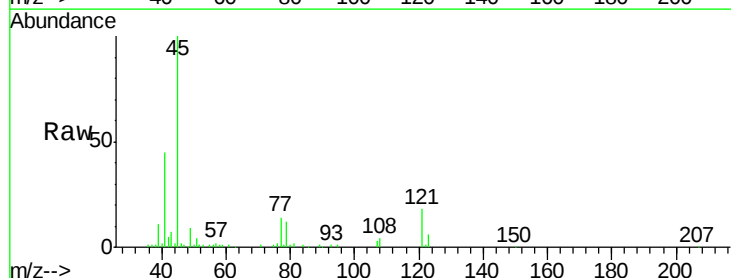
RT: 7.14 min Scan# 859

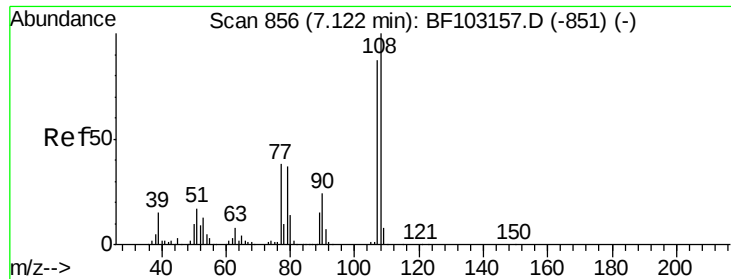
Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 109886 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.8  | 0.0   | 32.9   |
| 79        | 11.8  | 0.0   | 29.6   |





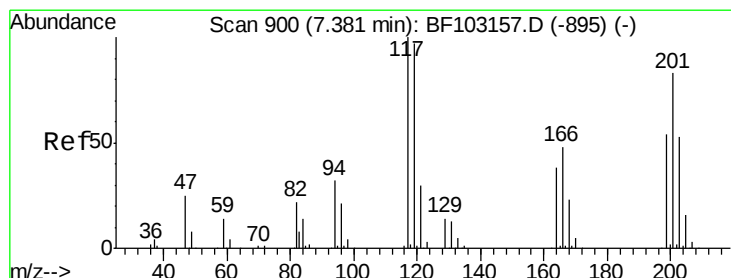
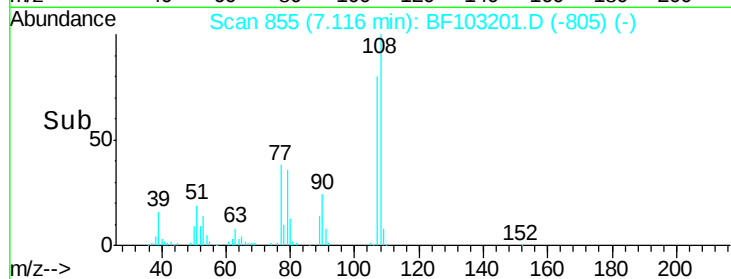
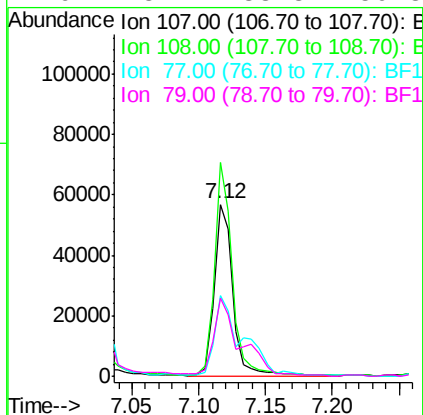
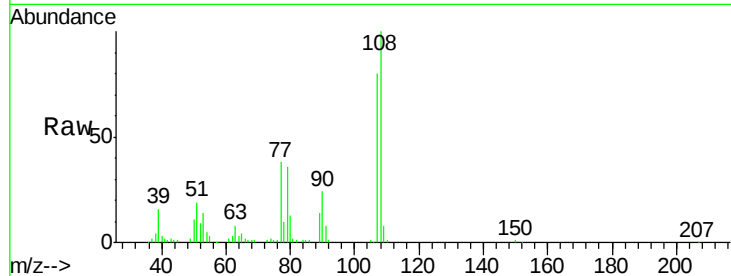
#17  
2-Methylphenol  
Concen: 5.165 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 56564 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 124.3 | 91.7  | 137.5 |
| 77       | 46.6  | 33.8  | 50.8  |
| 79       | 45.4  | 33.8  | 50.8  |

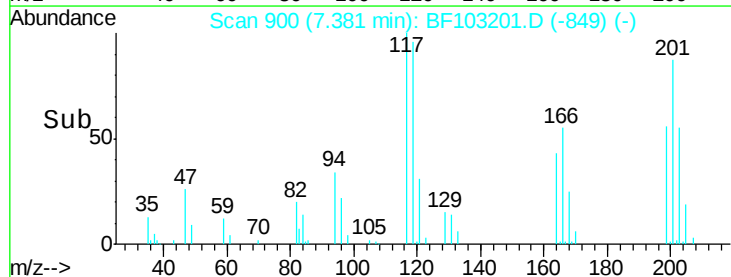
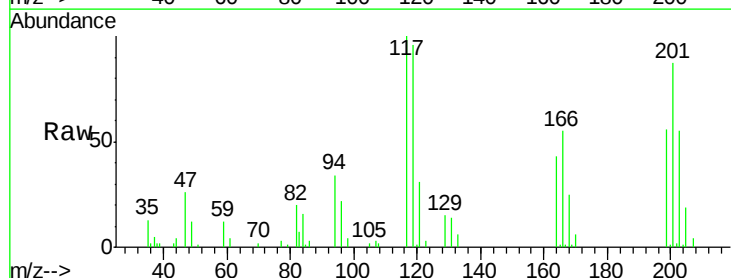
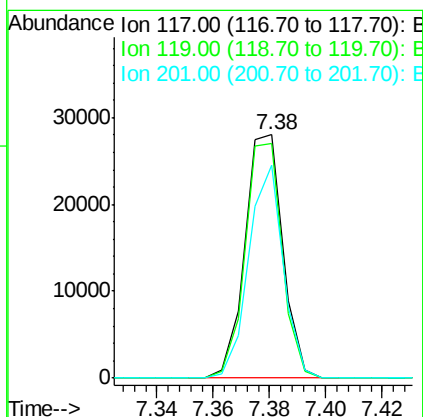
Manual Integrations  
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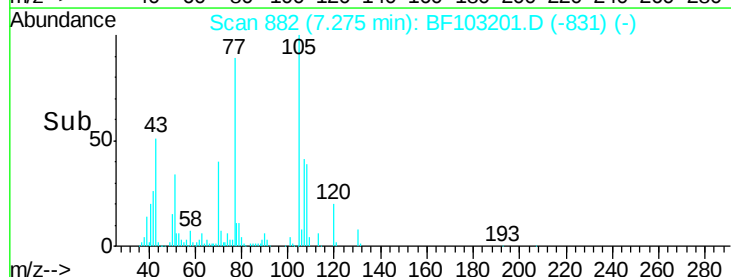
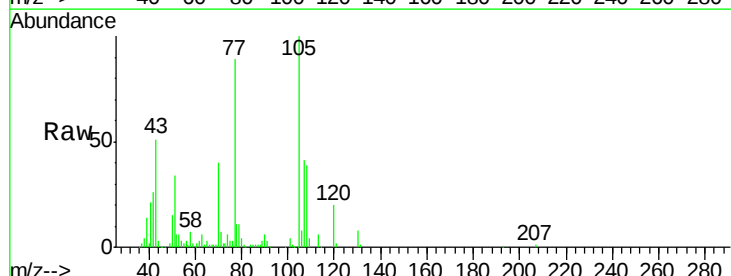
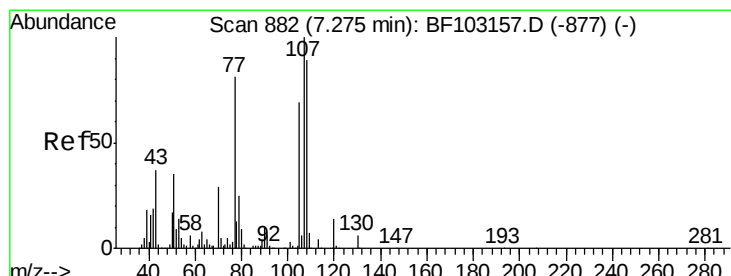
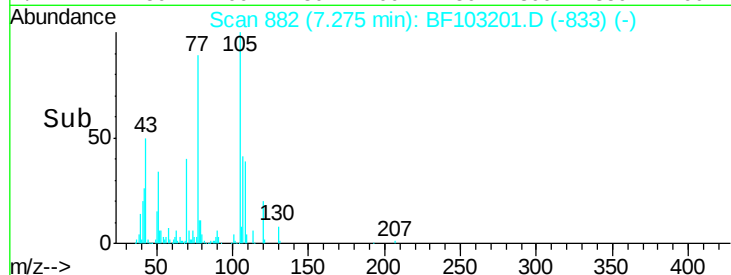
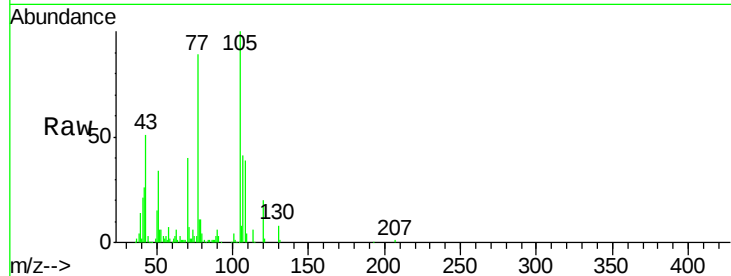
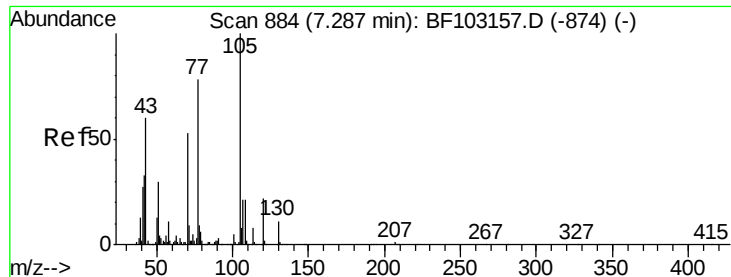
Sohil  
2/26/2018 9:54:44 AM



#18  
Hexachloroethane  
Concen: 5.200 ng  
RT: 7.38 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

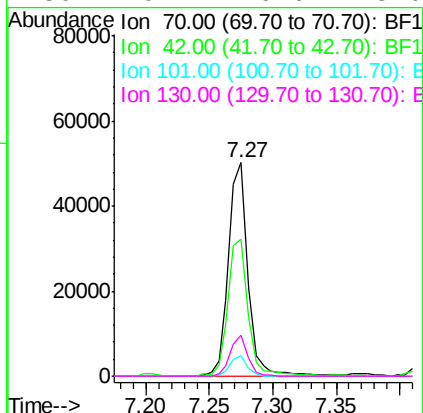
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 26137 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.5  | 75.8  | 113.8 |
| 201      | 87.2  | 75.7  | 113.5 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 6.085 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 64.0  | 47.5  | 71.3  |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 19.4  | 16.6  | 25.0  |



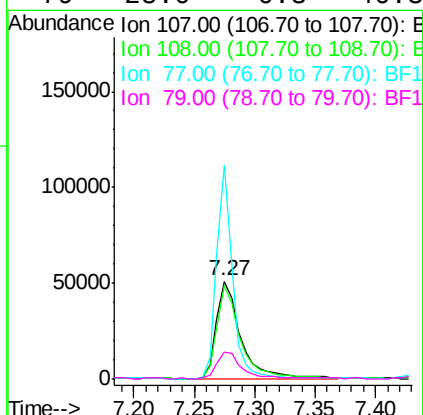
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

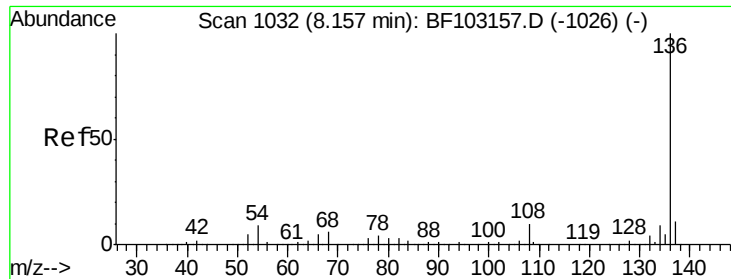
Manual Integrations  
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2/26/2018 9:54:44 AM

#20  
3+4-Methylphenols  
Concen: 5.286 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 95.1  | 68.2  | 108.2 |
| 77      | 218.8 | 26.7  | 66.7# |
| 79      | 28.0  | 6.3   | 46.3  |





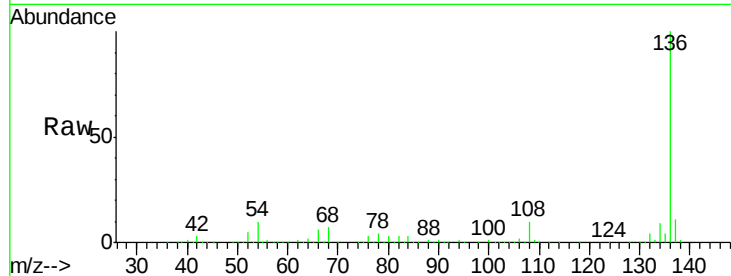
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

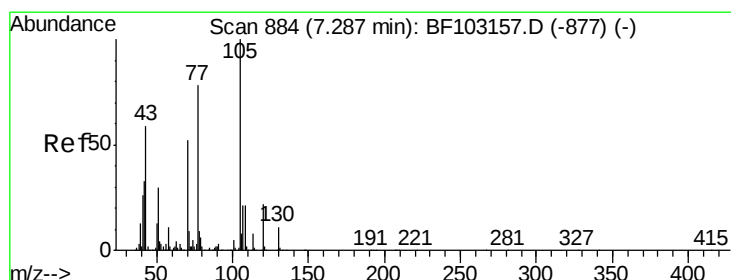
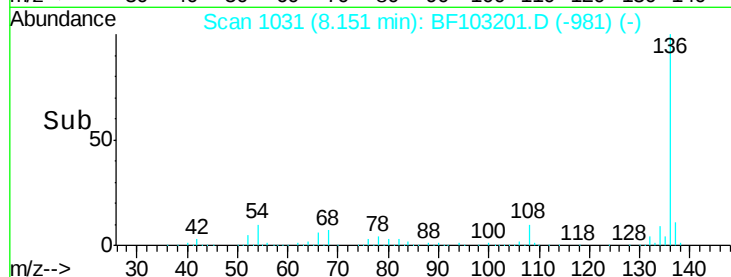
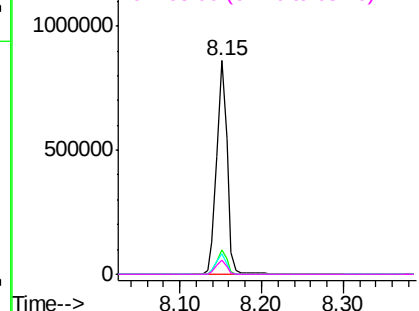
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 767881 |       |       |
| 137     | 11.2  | 8.9    | 13.3  |       |
| 54      | 9.6   | 6.6    | 9.8   |       |
| 68      | 6.6   | 5.0    | 7.4   |       |

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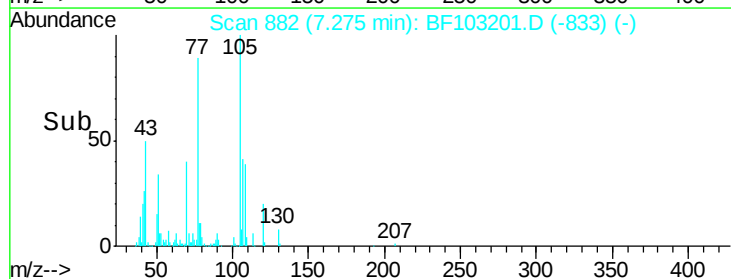
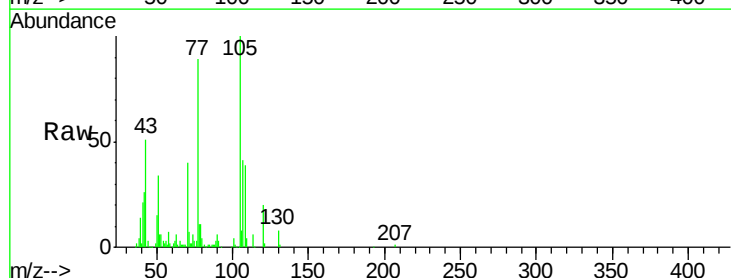
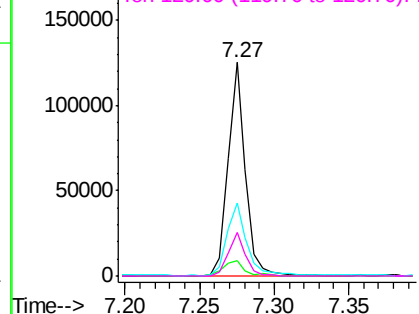
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

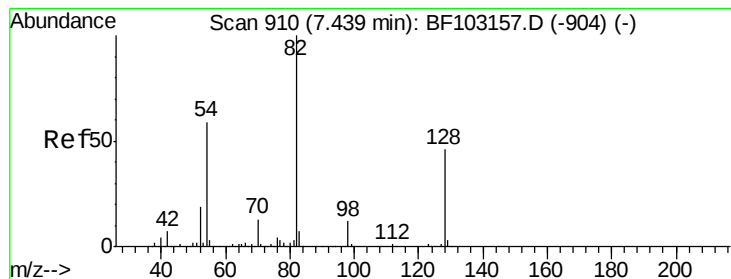


#22  
Acetophenone  
Concen: 5.747 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 103003 |       |       |
| 71      | 7.1   | 4.4    | 6.6#  |       |
| 51      | 34.3  | 22.3   | 33.5# |       |
| 120     | 20.1  | 16.9   | 25.3  |       |

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: 89.826 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion: 82 Resp: 1207798

Ion Ratio Lower Upper

82 100

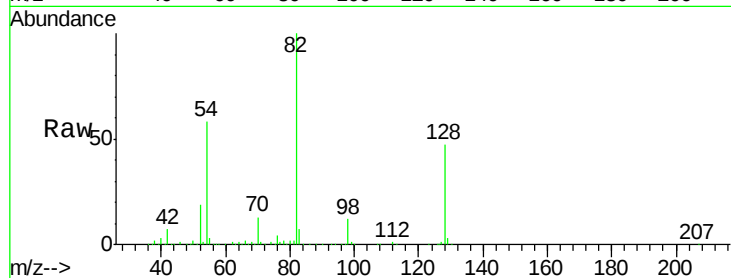
128 46.6 36.1 54.1

54 58.3 41.4 62.2

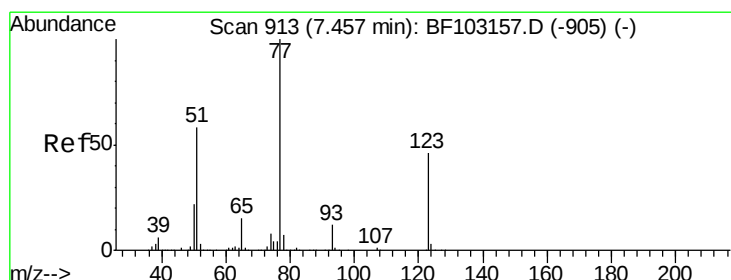
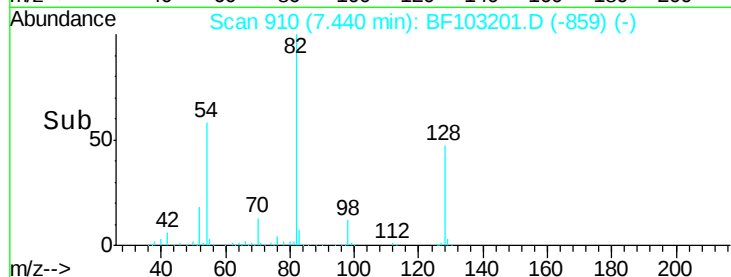
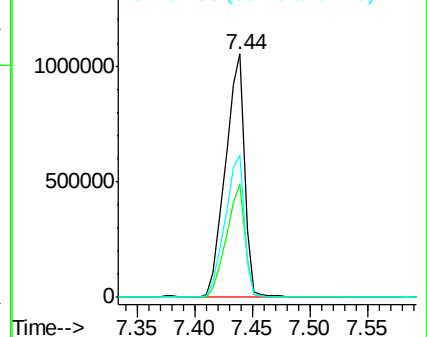
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Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 5.239 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

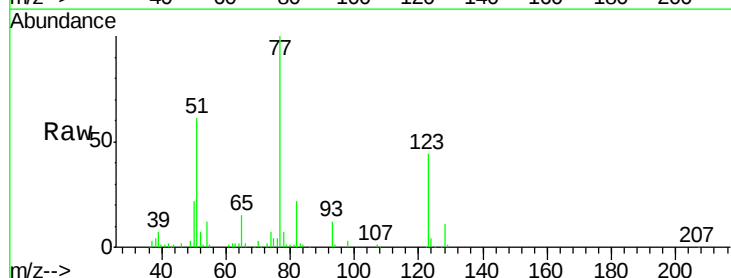
Tgt Ion: 77 Resp: 77552

Ion Ratio Lower Upper

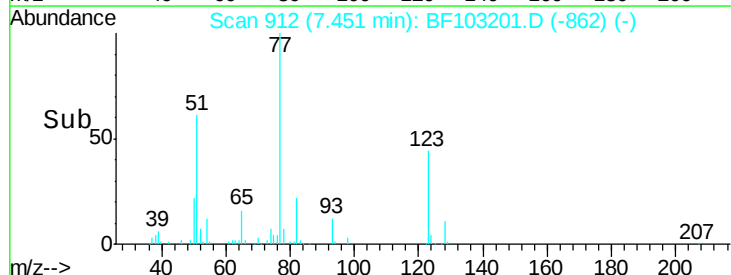
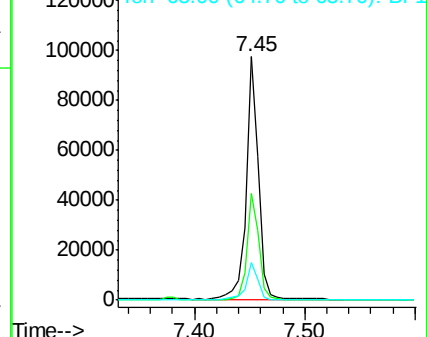
77 100

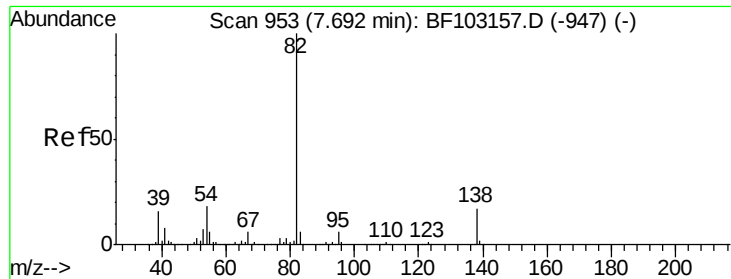
123 43.7 37.9 56.9

65 15.5 11.0 16.4



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: 5.021 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

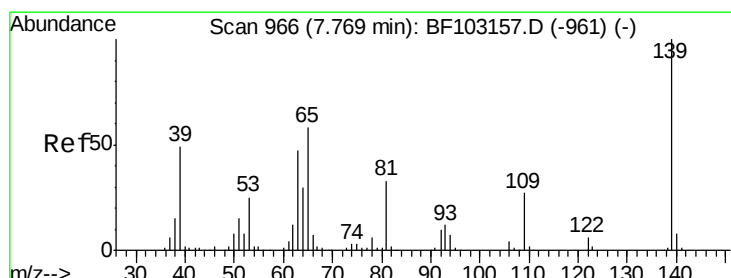
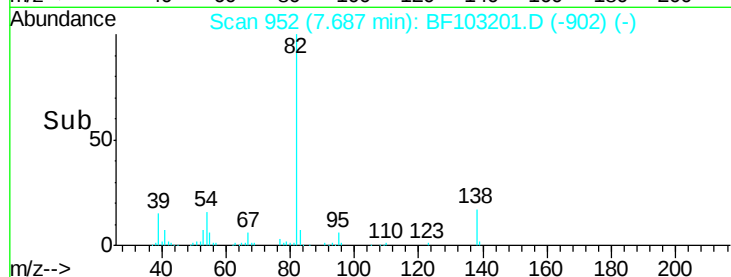
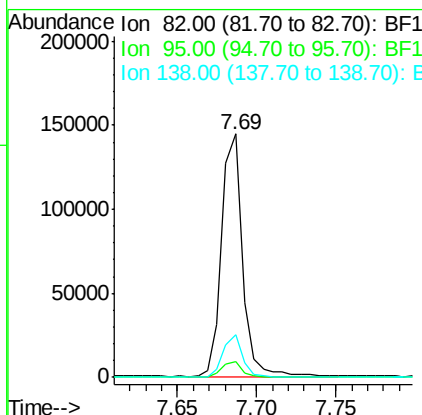
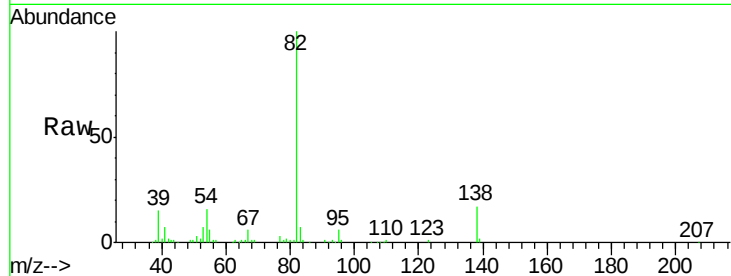
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 132964 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.3  | 5.2   | 7.8    |
| 138       | 17.4 | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 4.349 ng

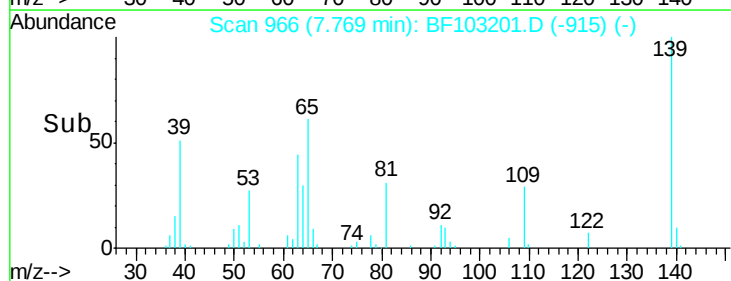
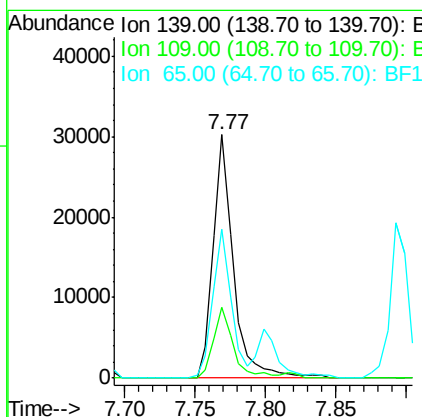
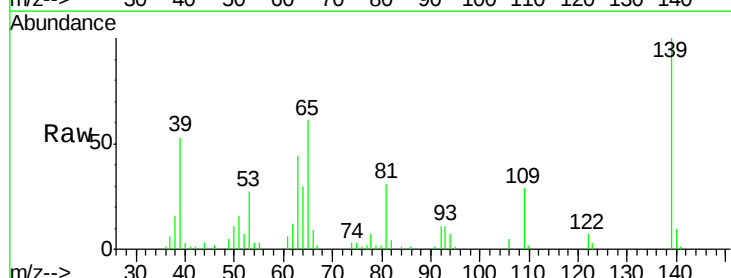
RT: 7.77 min Scan# 966

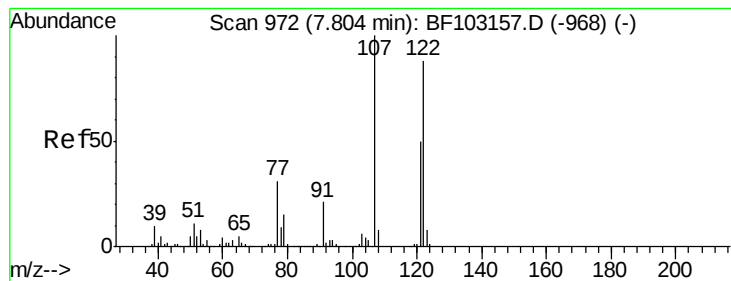
Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 30312 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 28.8 | 22.7  | 34.1  |
| 65        | 61.3 | 40.5  | 60.7# |





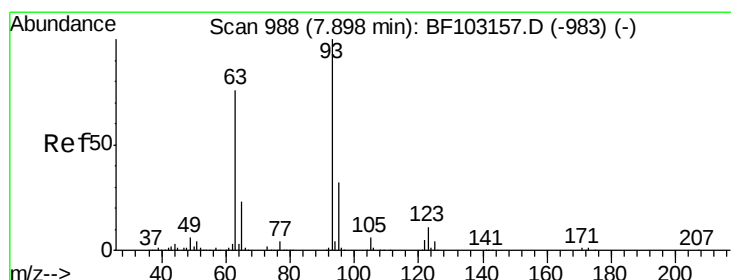
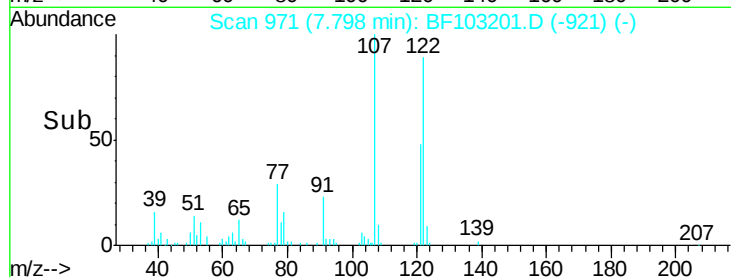
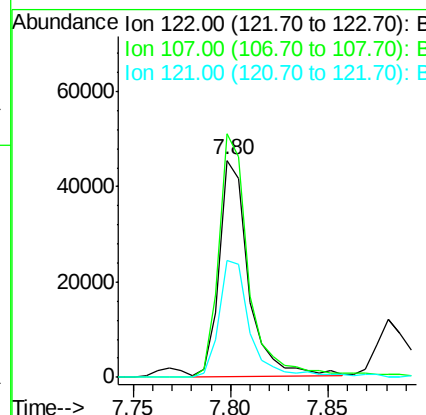
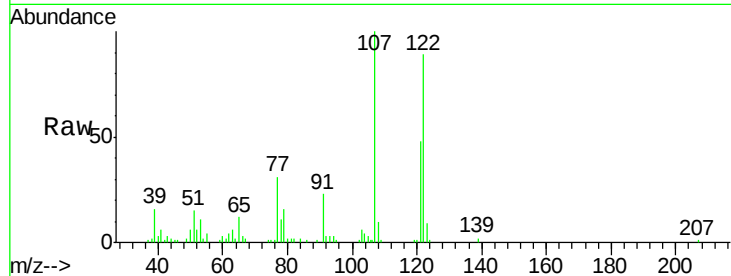
#27  
 2,4-Dimethylphenol  
 Concen: 4.434 ng  
 RT: 7.80 min Scan# 971  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 47238 |       |       |
| 107     | 112.1 | 91.2  | 136.8 |       |
| 121     | 53.5  | 47.2  | 70.8  |       |

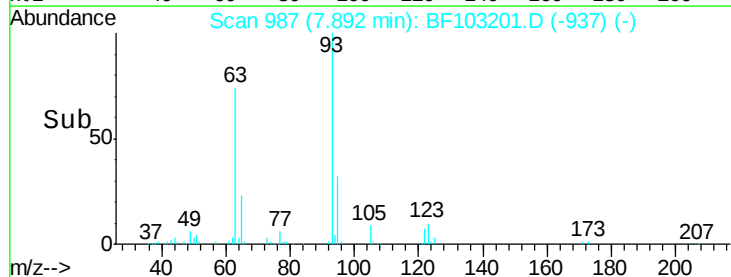
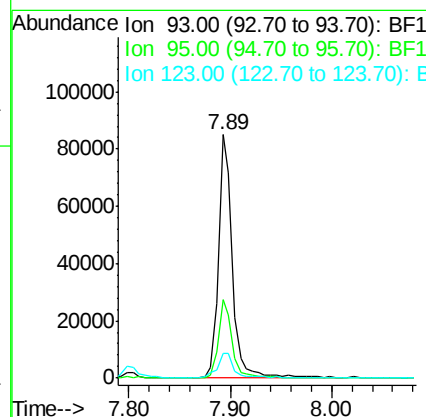
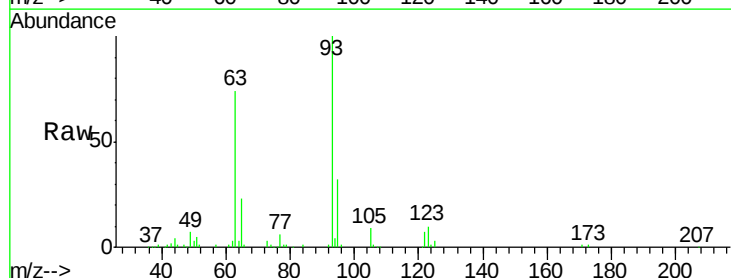
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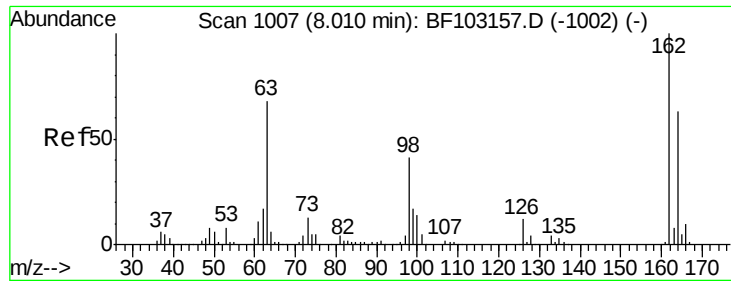
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 5.230 ng  
 RT: 7.89 min Scan# 987  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 81431 |       |       |
| 95      | 32.2  | 26.3  | 39.5  |       |
| 123     | 10.4  | 9.8   | 14.6  |       |





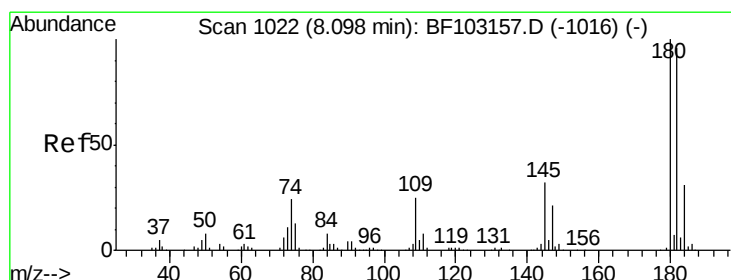
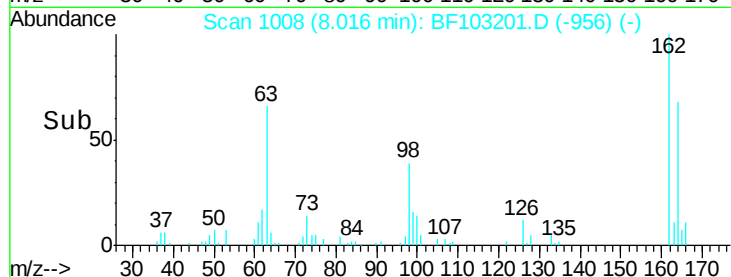
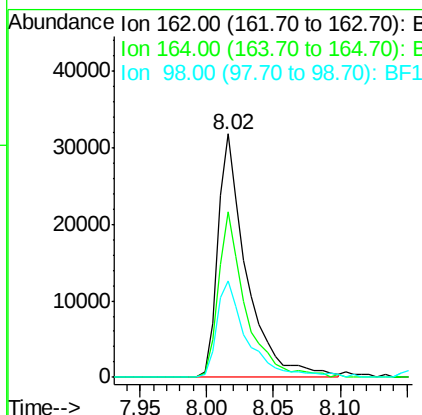
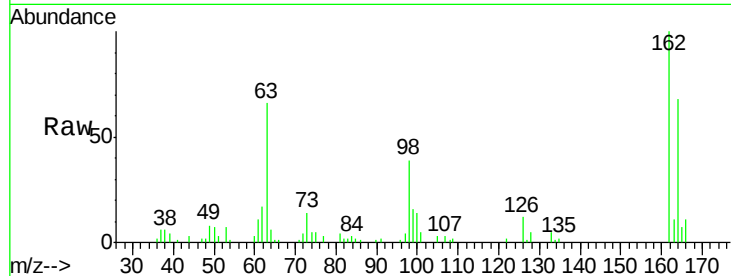
#29  
 2,4-Dichlorophenol  
 Concen: 4.689 ng  
 RT: 8.02 min Scan# 1008  
 Delta R.T. 0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 47825 |       |       |
| 164     | 67.8  | 42.7  | 82.7  |       |
| 98      | 39.5  | 18.1  | 58.1  |       |

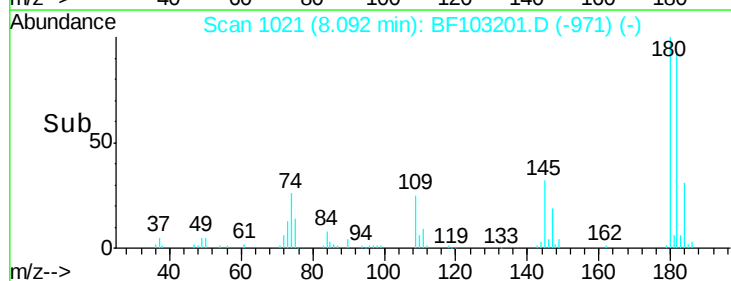
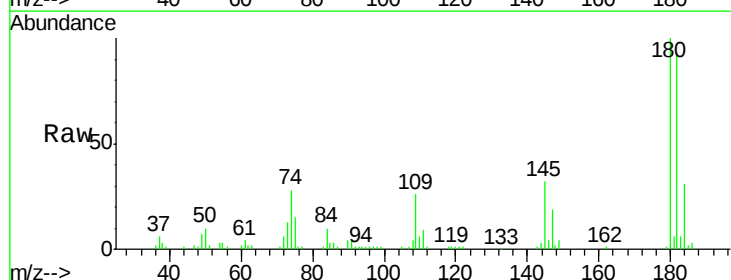
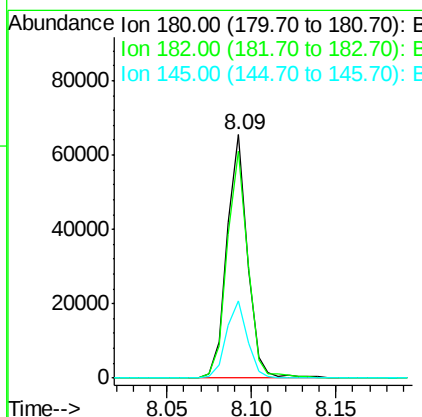
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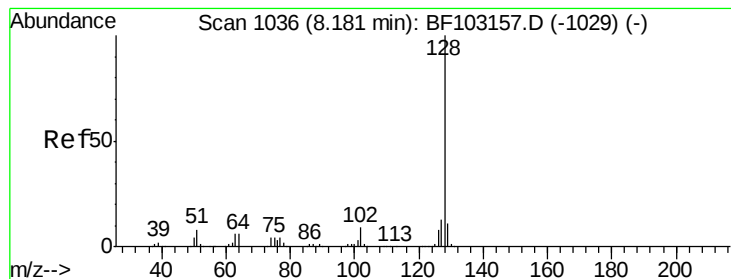
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 5.105 ng  
 RT: 8.09 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 55445 |       |       |
| 182     | 93.4  | 76.8  | 115.2 |       |
| 145     | 31.9  | 26.5  | 39.7  |       |





#31

Naphthalene

Concen: 5.335 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

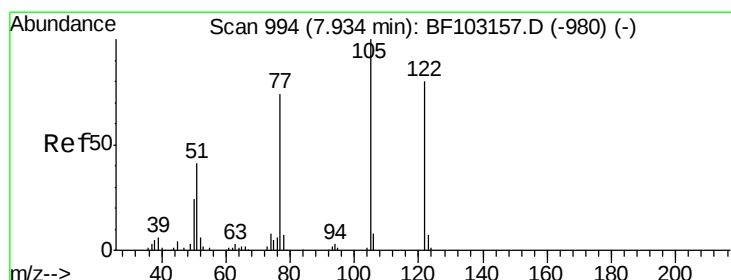
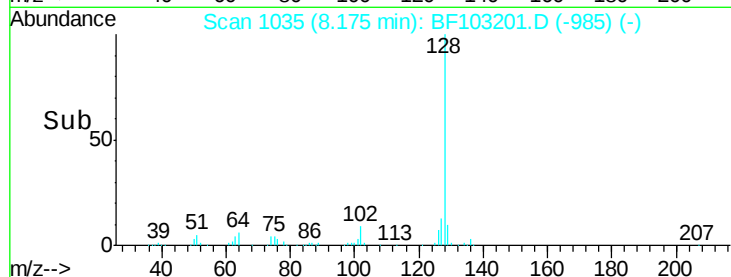
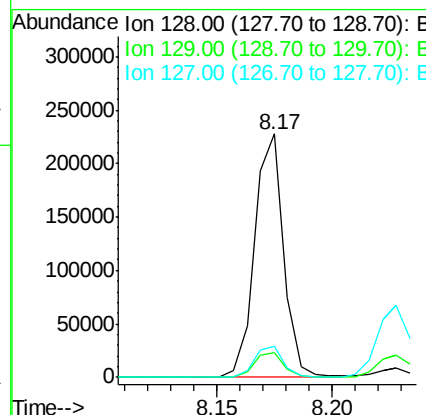
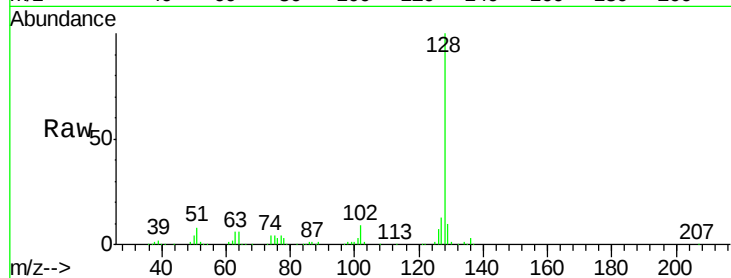
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 128  | Resp: | 200579 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 129       | 10.2 | 8.8   | 13.2   |
| 127       | 12.9 | 10.9  | 16.3   |

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#32

Benzoic acid

Concen: 9.093 ng

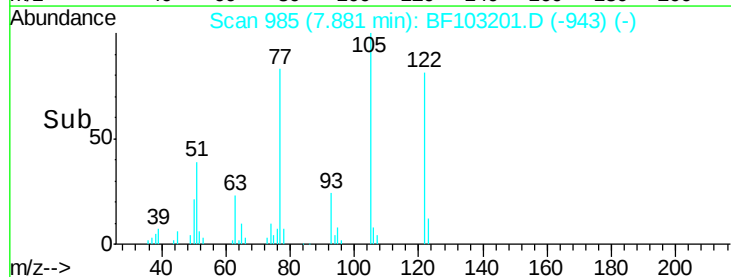
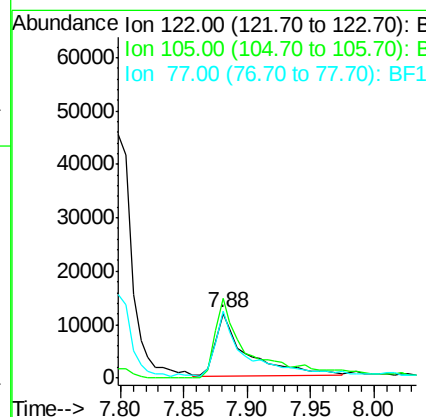
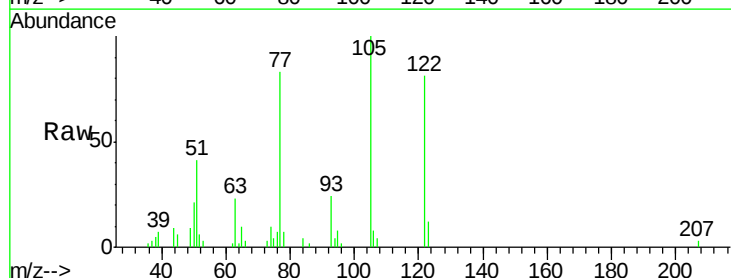
RT: 7.88 min Scan# 985

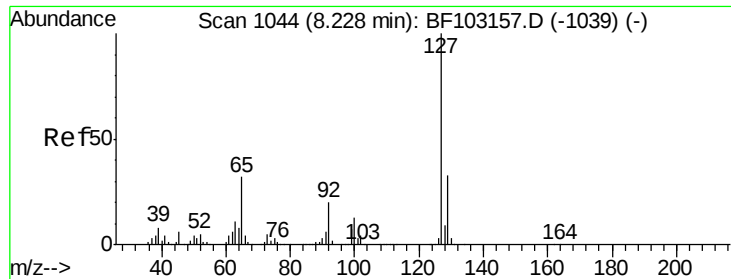
Delta R.T. -0.05 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 20117 |
| Ion Ratio |       | Lower | Upper |
| 122       | 100   |       |       |
| 105       | 123.5 | 101.1 | 141.1 |
| 77        | 102.4 | 70.7  | 110.7 |





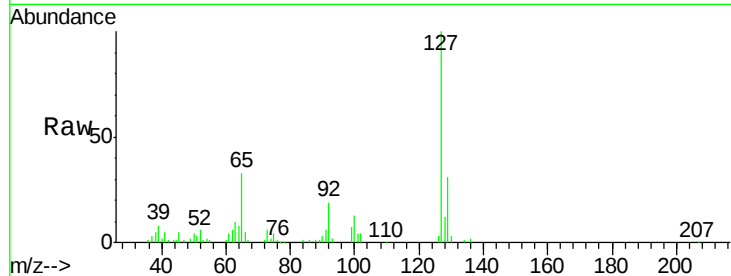
#33  
4-Chloroaniline  
Concen: 4.953 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 80346 |       |       |
| 129     | 31.2  | 25.9  | 38.9  |       |
| 65      | 32.7  | 25.0  | 37.4  |       |
| 92      | 19.1  | 15.2  | 22.8  |       |

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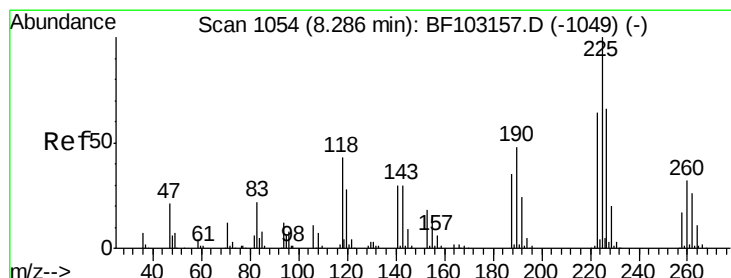
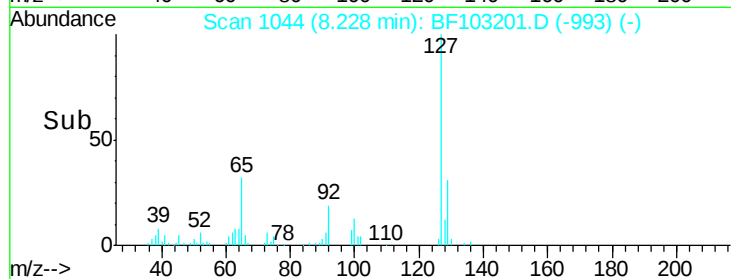
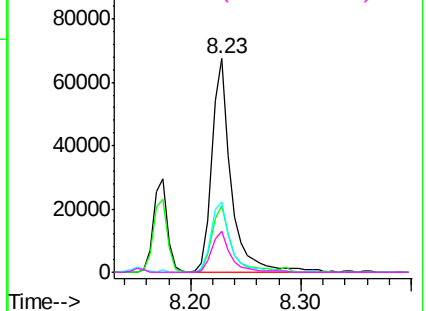
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 5.076 ng  
RT: 8.29 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

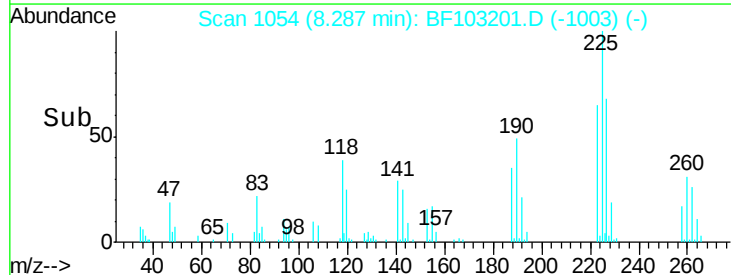
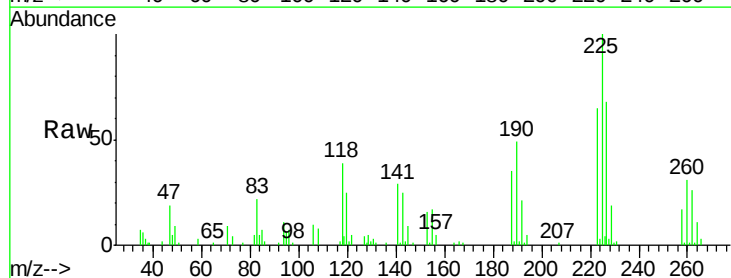
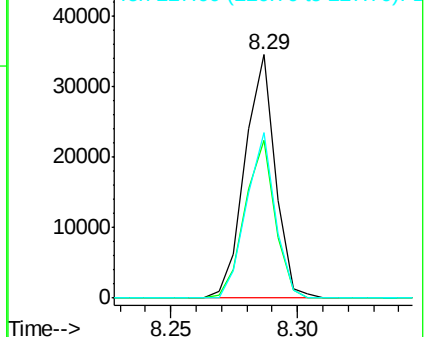
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 28709 |       |       |
| 223     | 67.7  | 50.6  | 76.0  |       |
| 227     | 67.8  | 51.9  | 77.9  |       |

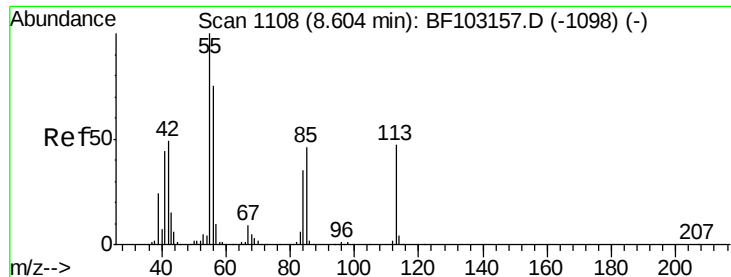
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4.447 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.04 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

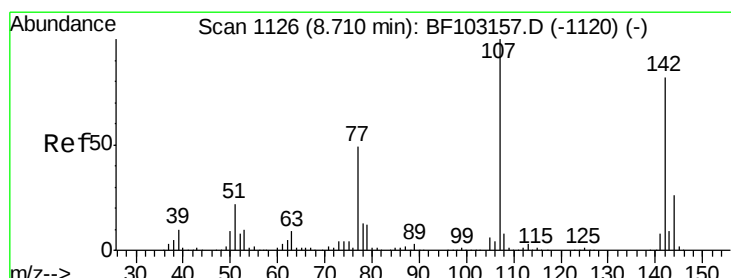
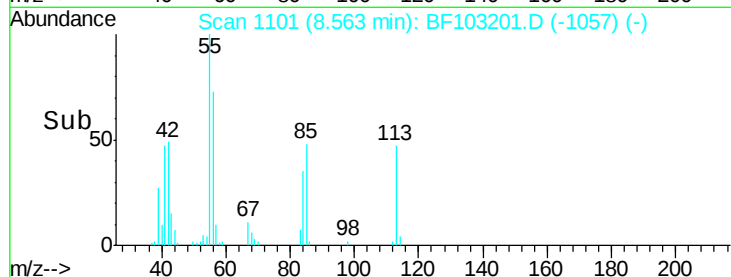
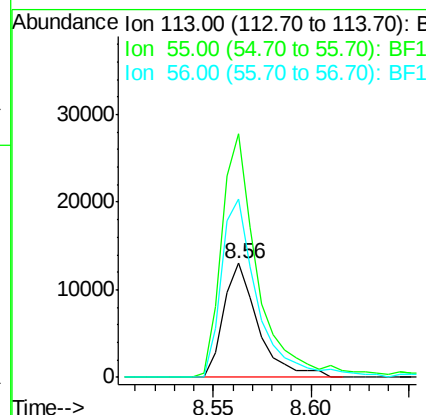
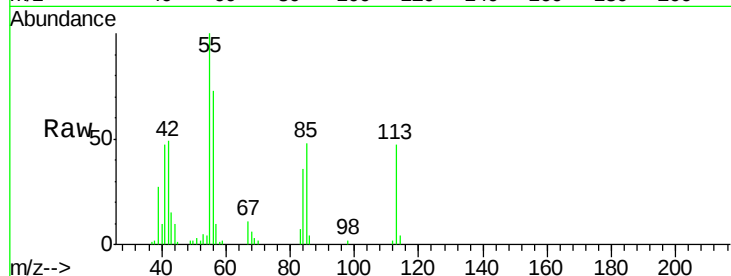
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion: 113 Resp: 15940  
 Ion Ratio Lower Upper  
 113 100  
 55 214.0 163.3 203.3#  
 56 156.9 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 5.009 ng

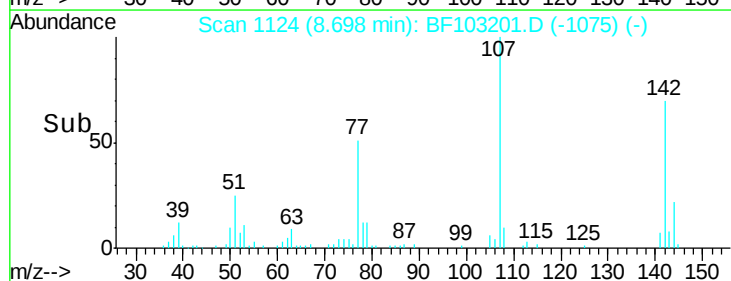
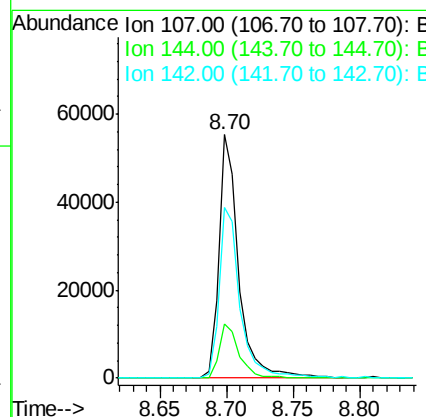
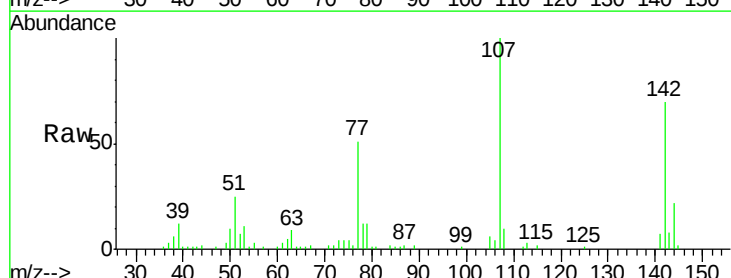
RT: 8.70 min Scan# 1124

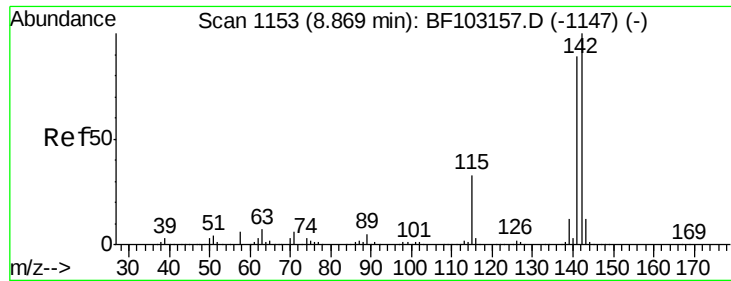
Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Tgt Ion: 107 Resp: 57626  
 Ion Ratio Lower Upper  
 107 100  
 144 22.0 20.5 30.7  
 142 70.0 62.0 93.0





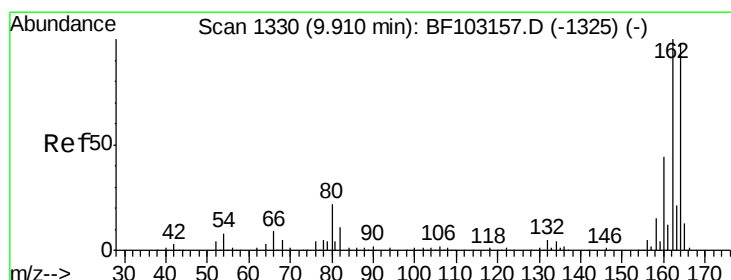
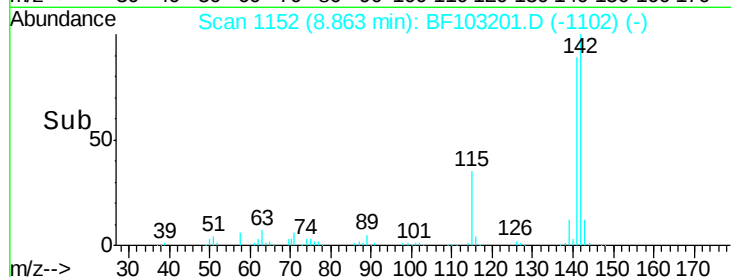
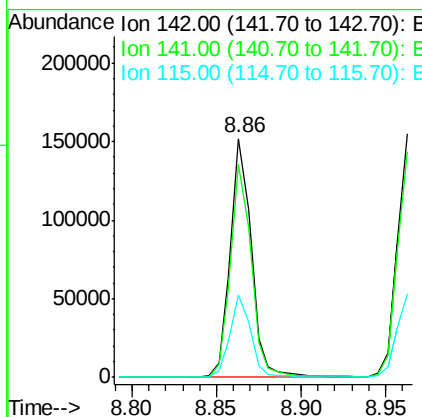
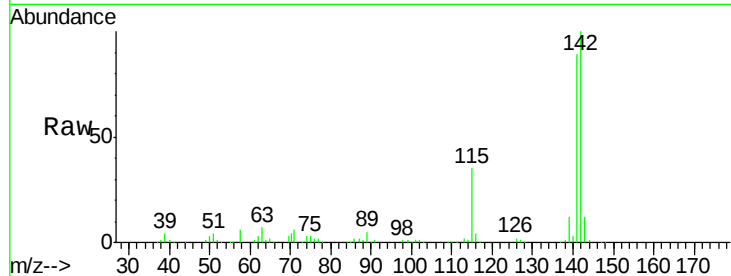
#37  
2-Methylnaphthalene  
Concen: 5.441 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 132193 |       |       |
| 141     | 89.1  | 70.8   | 106.2 |       |
| 115     | 34.5  | 26.1   | 39.1  |       |

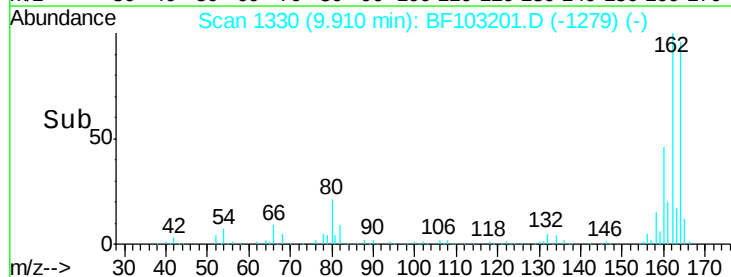
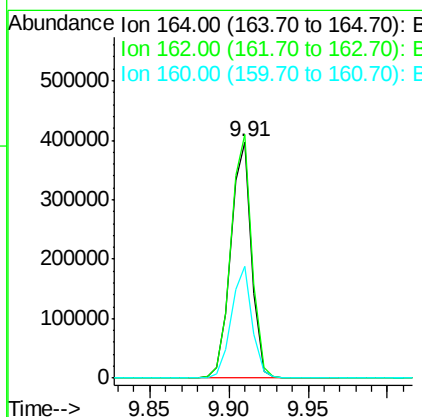
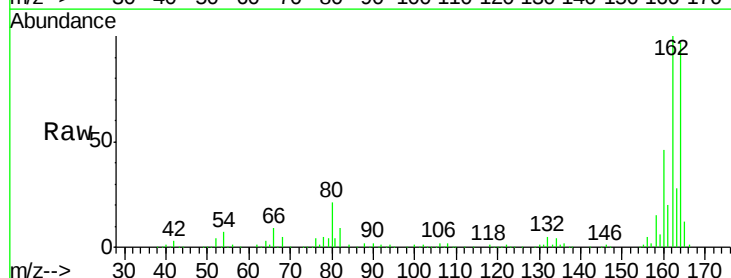
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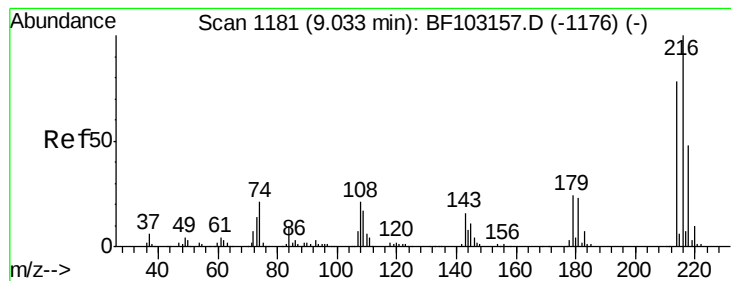
Sohil  
2/26/2018 9:54:44 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 358717 |       |       |
| 162     | 103.2 | 86.1   | 129.1 |       |
| 160     | 47.4  | 38.3   | 57.5  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.124 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

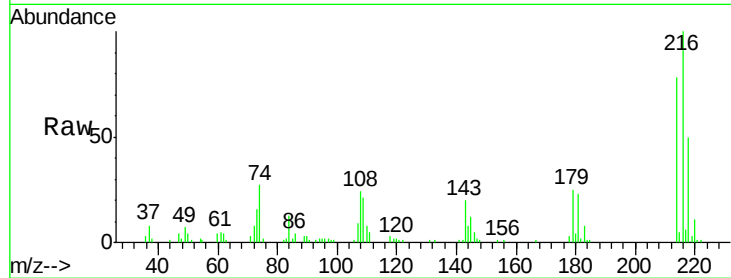
ClientSampleId :

MDL-WATER-03-QT1-2018

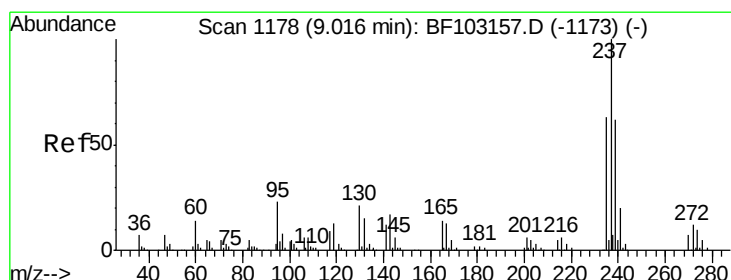
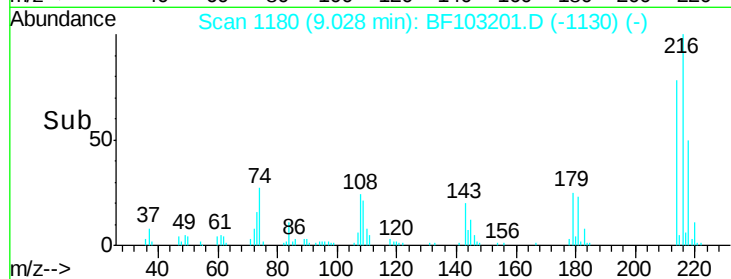
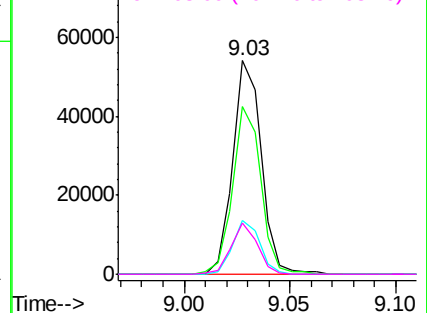
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 50251 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.6  | 63.0  | 94.4  |
| 179       | 23.8  | 18.1  | 27.1  |
| 108       | 22.4  | 17.2  | 25.8  |

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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



#40

Hexachlorocyclopentadiene

Concen: 9.745 ng

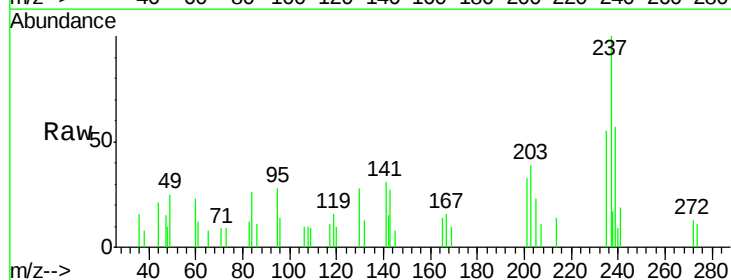
RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

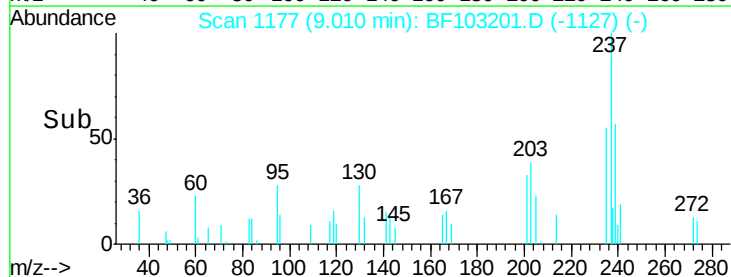
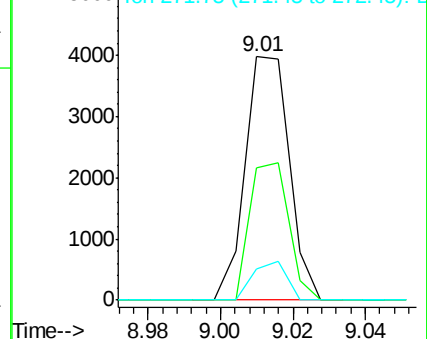
Lab File: BF103201.D

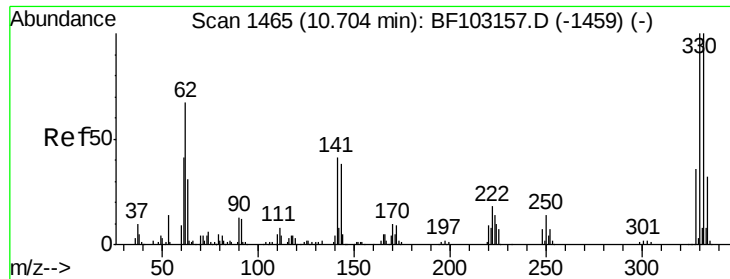
Acq: 23 Feb 2018 15:57

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 3356 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 54.5  | 44.8  | 84.8 |
| 272       | 12.7  | 0.0   | 33.3 |



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





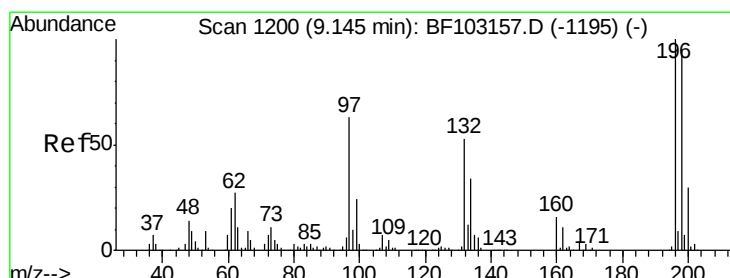
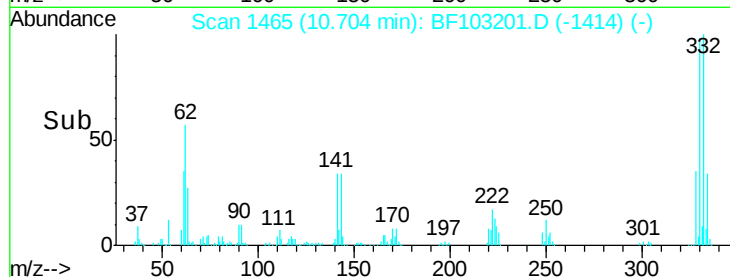
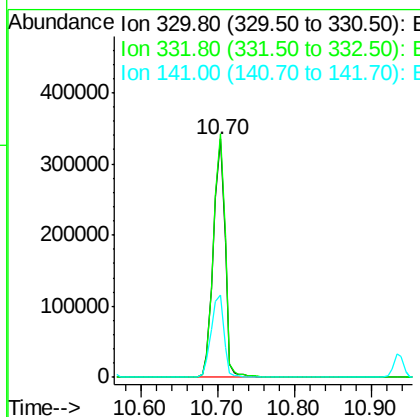
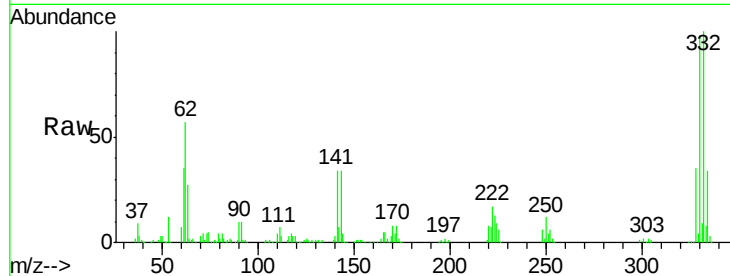
#41  
 2,4,6-Tribromophenol  
 Concen: 114.868 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 348779 |       |       |
| 332     | 101.8 | 77.0   | 115.6 |       |
| 141     | 38.2  | 29.9   | 44.9  |       |

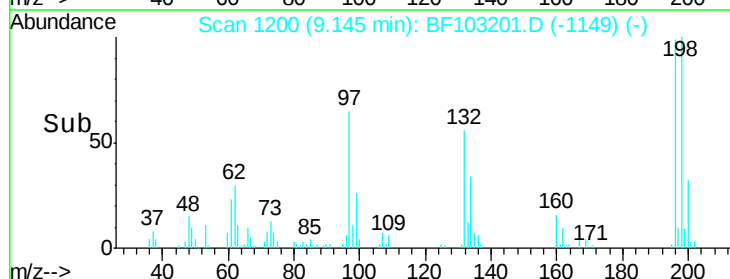
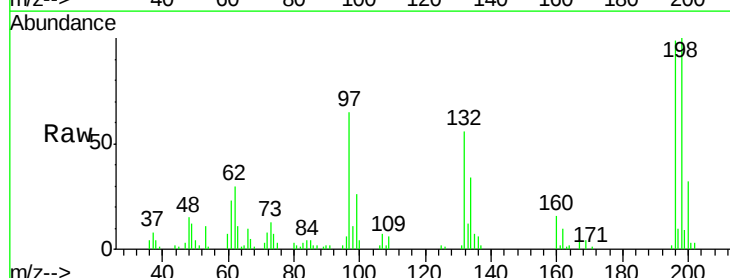
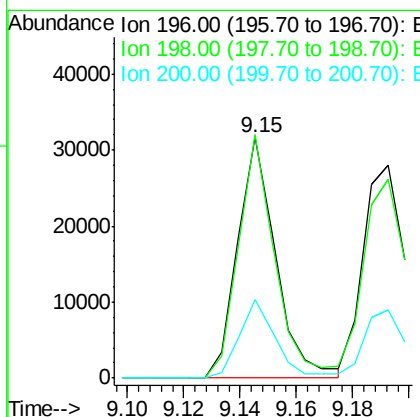
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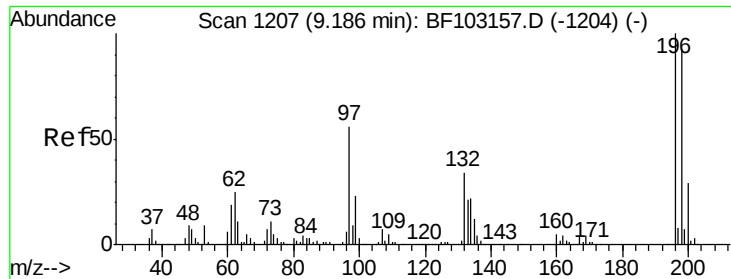
Sohil  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 4.505 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 29726 |       |       |
| 198     | 101.2 | 75.7  | 113.5 |       |
| 200     | 32.8  | 24.5  | 36.7  |       |





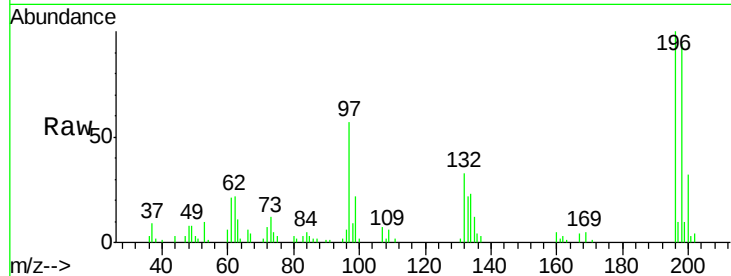
#43  
 2,4,5-Trichlorophenol  
 Concen: 4.151 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

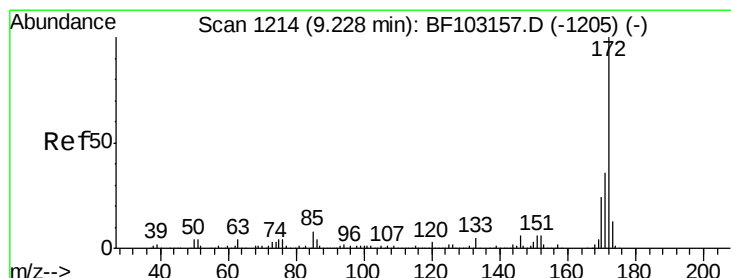
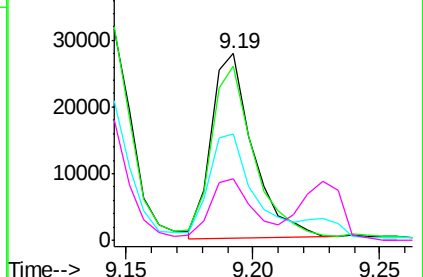
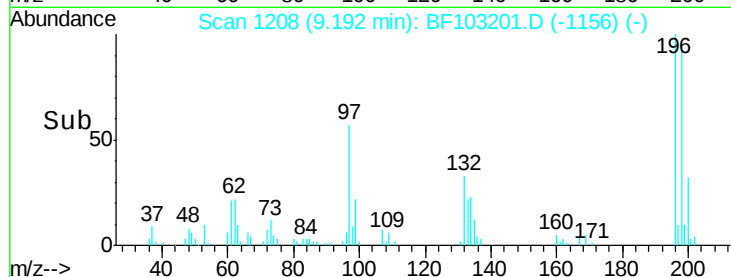
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 31503 |       |       |
| 198     | 93.6  | 74.6  | 112.0 |       |
| 97      | 56.7  | 42.9  | 64.3  |       |
| 132     | 33.3  | 26.3  | 39.5  |       |

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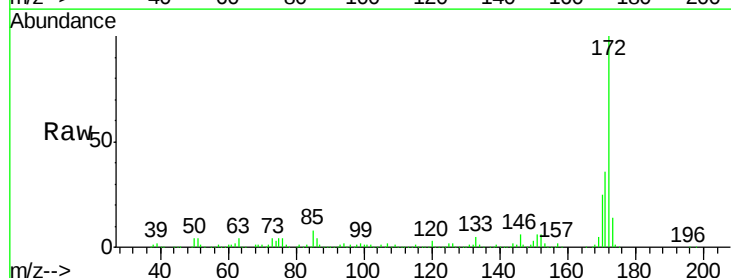


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

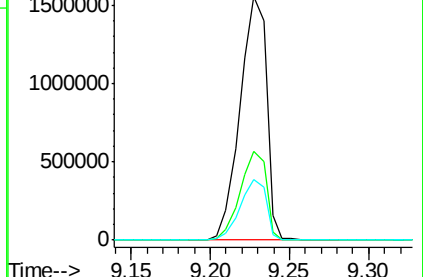
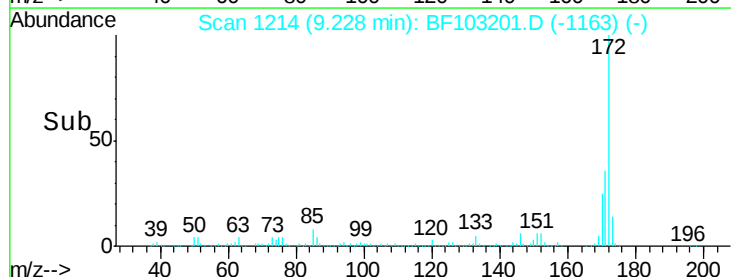


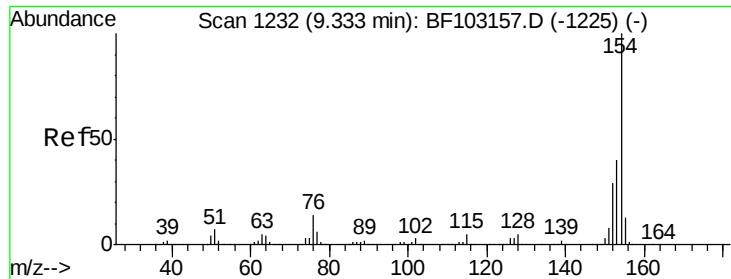
#44  
 2-Fluorobiphenyl  
 Concen: 87.378 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1807793 |       |       |
| 171     | 36.2  | 29.7    | 44.5  |       |
| 170     | 24.7  | 19.6    | 29.4  |       |



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





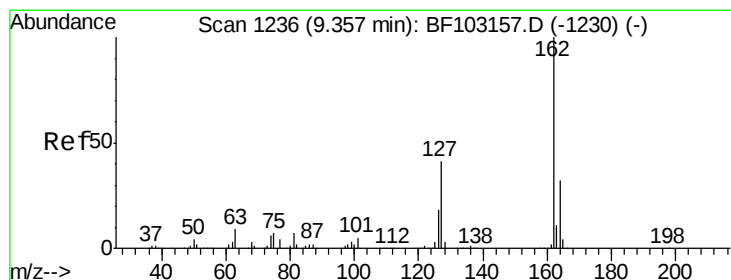
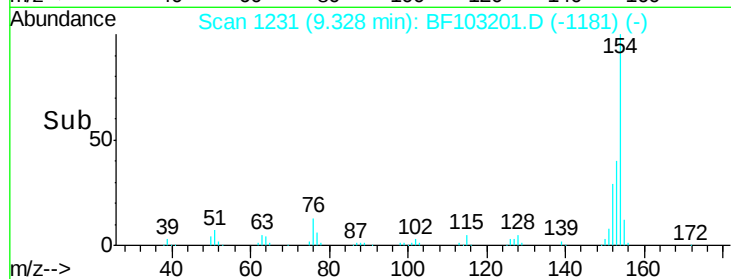
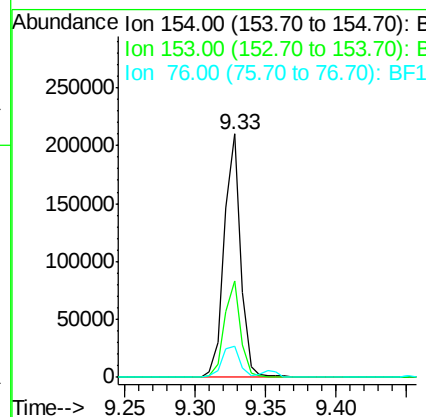
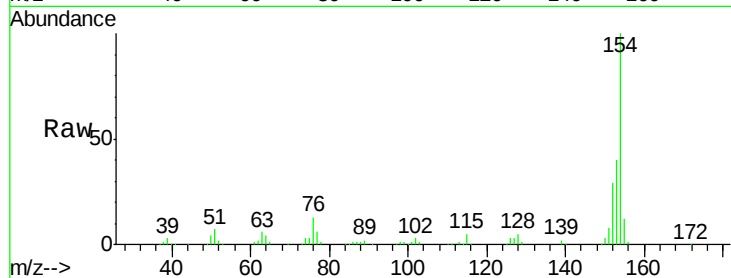
#45  
1,1'-Biphenyl  
Concen: 5.658 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 170071 |       |       |
| 153     | 39.7  | 21.3   | 61.3  |       |
| 76      | 13.0  | 0.0    | 34.0  |       |

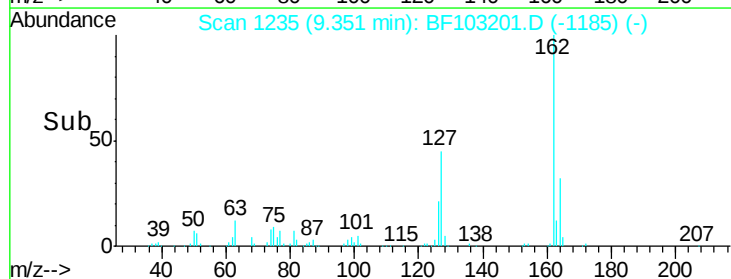
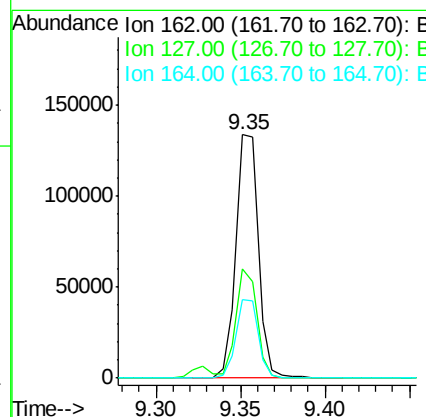
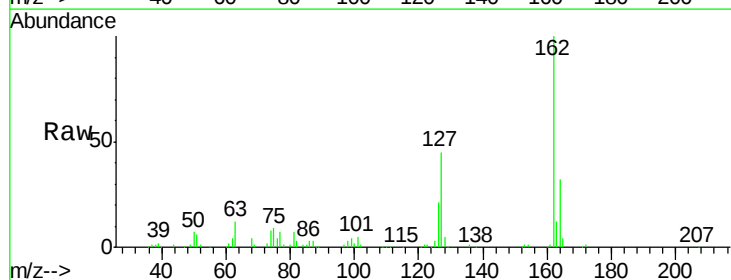
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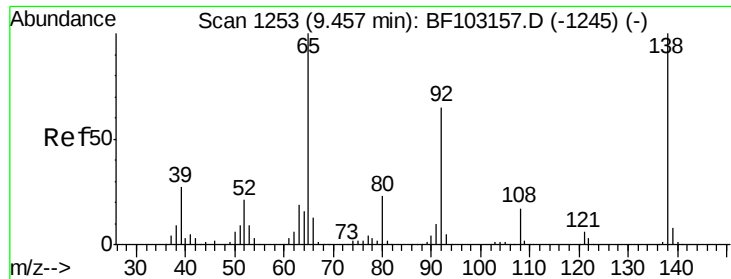
Sohil  
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#46  
2-Chloronaphthalene  
Concen: 5.183 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 123257 |       |       |
| 127     | 44.9  | 33.9   | 50.9  |       |
| 164     | 32.2  | 26.5   | 39.7  |       |





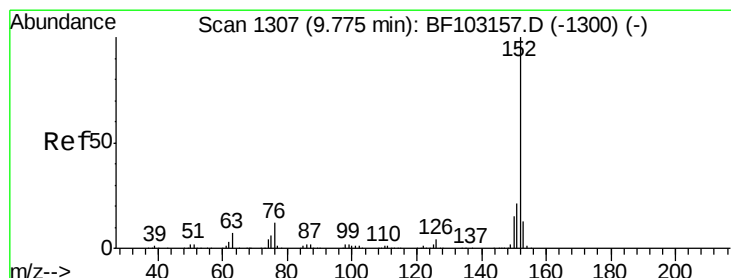
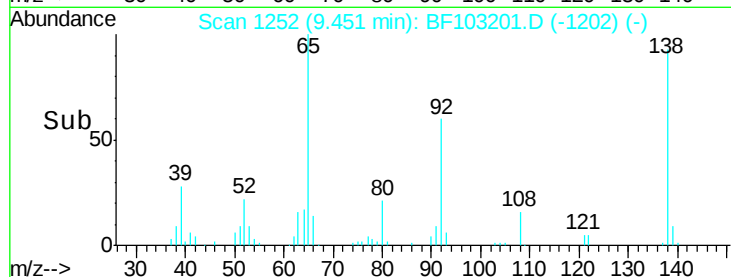
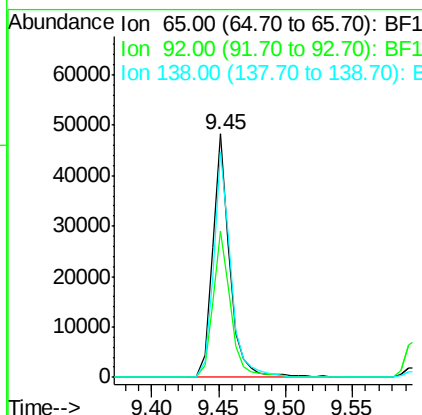
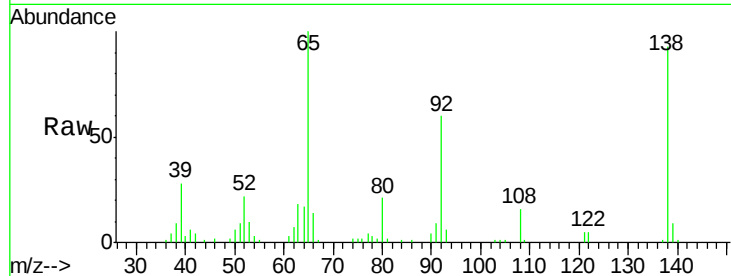
#47  
2-Nitroaniline  
Concen: 4.923 ng  
RT: 9.45 min Scan# 1252  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.0  | 55.8  | 83.6  |
| 138     | 92.9  | 91.2  | 136.8 |

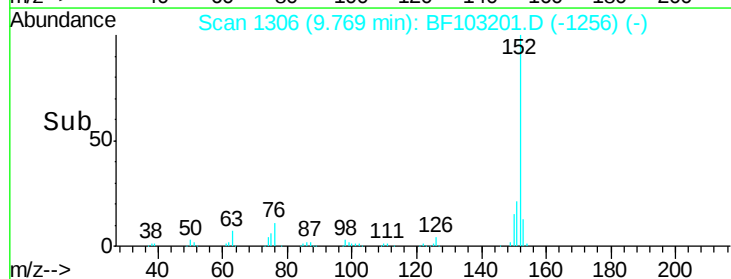
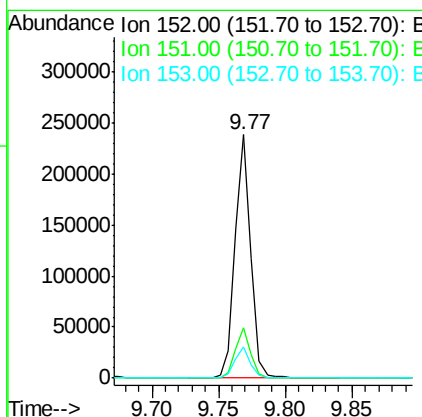
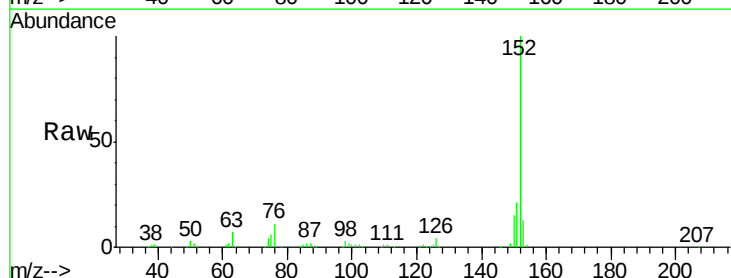
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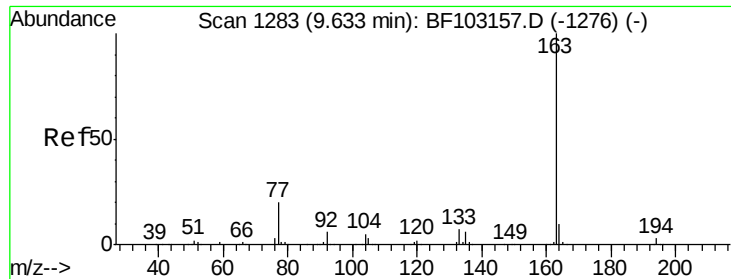
Sohil  
2/26/2018 9:54:44 AM



#48  
Acenaphthylene  
Concen: 5.396 ng  
RT: 9.77 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 16.3  | 24.5  |
| 153     | 12.8  | 10.7  | 16.1  |





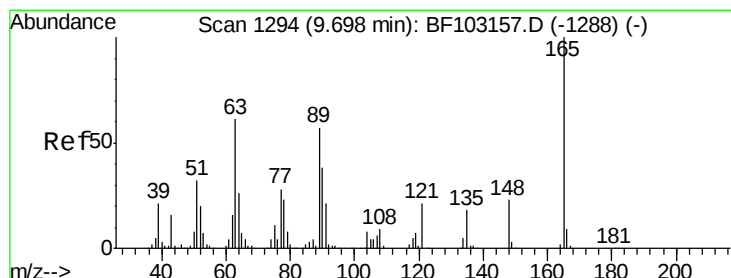
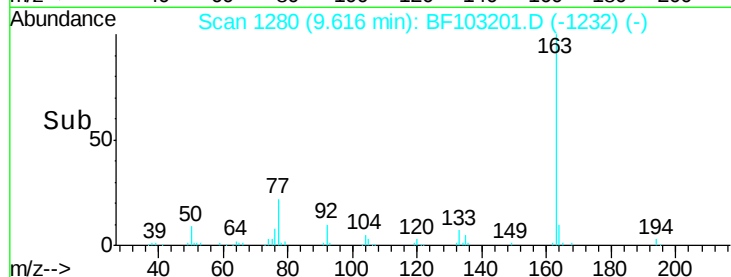
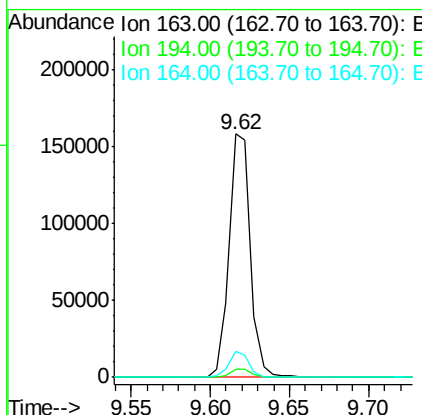
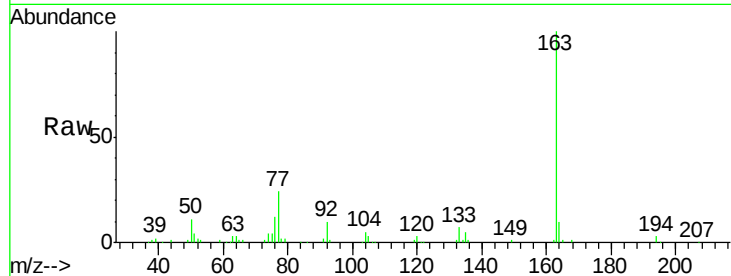
#49  
Dimethylphthalate  
Concen: 5.117 ng  
RT: 9.62 min Scan# 1280  
Delta R.T. -0.02 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 147252 |       |       |
| 194     | 3.2   | 2.7    | 4.1   |       |
| 164     | 10.5  | 8.2    | 12.2  |       |

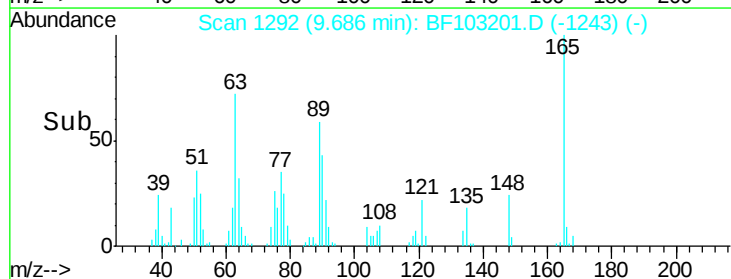
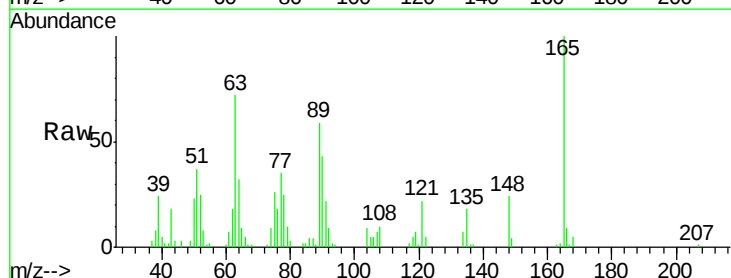
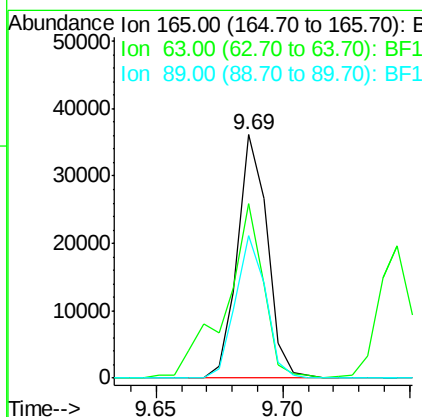
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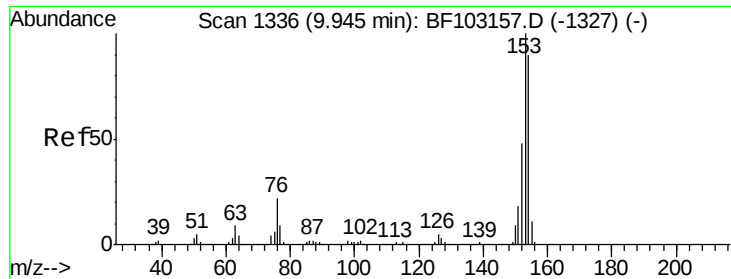
Sohil  
2/26/2018 9:54:44 AM



#50  
2,6-Dinitrotoluene  
Concen: 4.883 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 29488 |       |       |
| 63      | 71.5  | 44.7  | 67.1# |       |
| 89      | 58.7  | 44.0  | 66.0  |       |





#51

Acenaphthene

Concen: 5.421 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

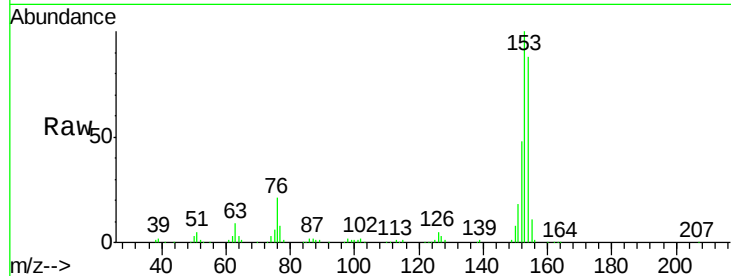
ClientSampleId :

MDL-WATER-03-QT1-2018

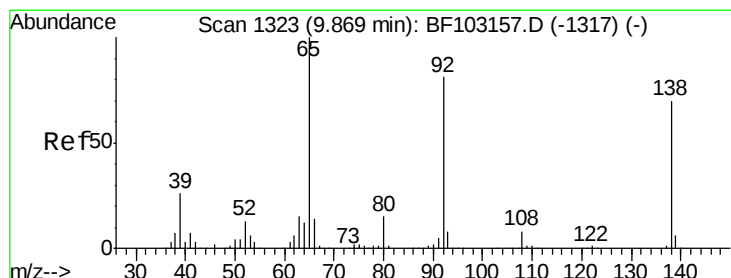
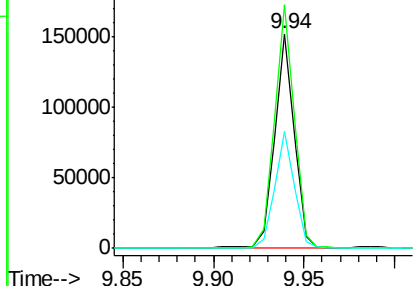
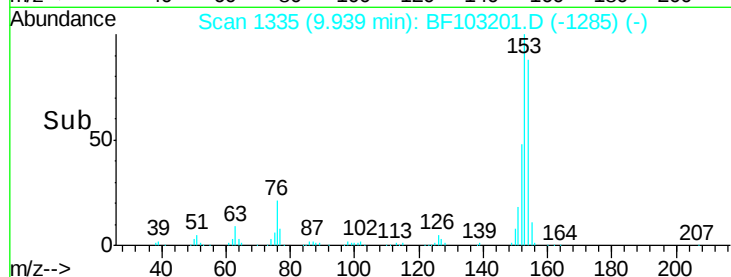
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 115664 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.3 | 91.2  | 136.8  |
| 152       | 54.7  | 43.8  | 65.8   |

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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



#52

3-Nitroaniline

Concen: 4.609 ng

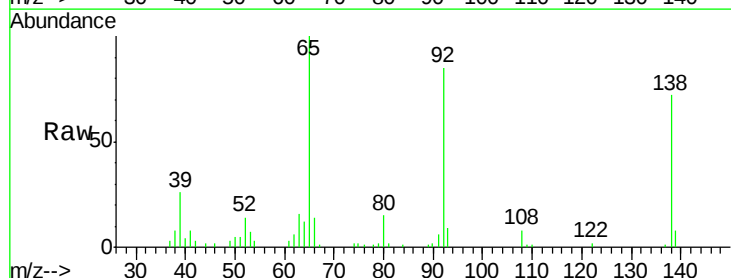
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

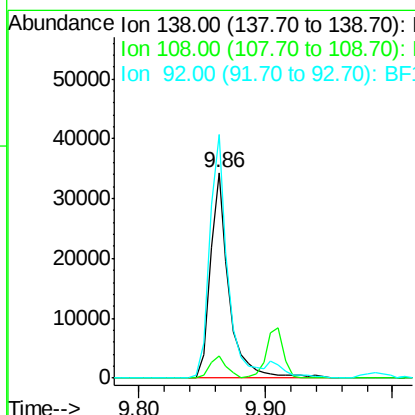
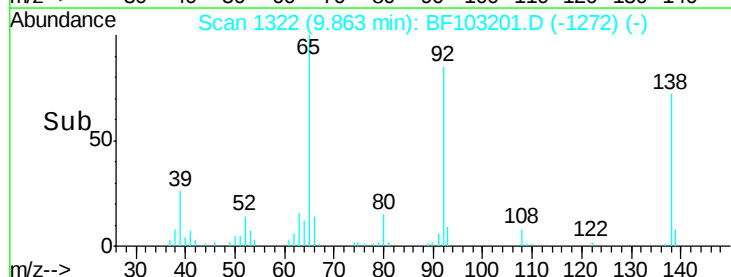
Lab File: BF103201.D

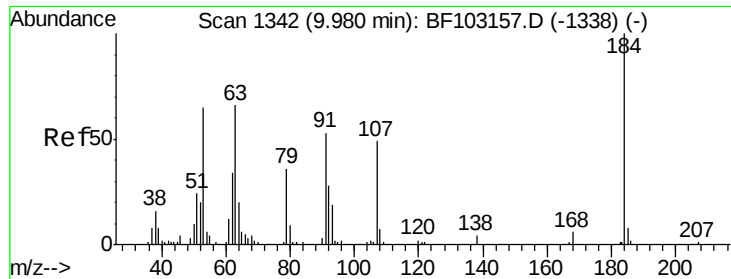
Acq: 23 Feb 2018 15:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 35314 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.8  | 9.4   | 14.0  |
| 92        | 118.4 | 89.4  | 134.2 |



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





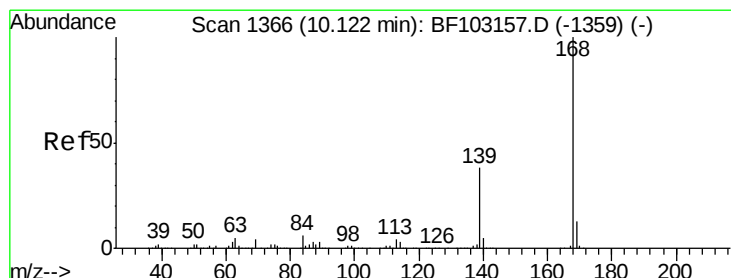
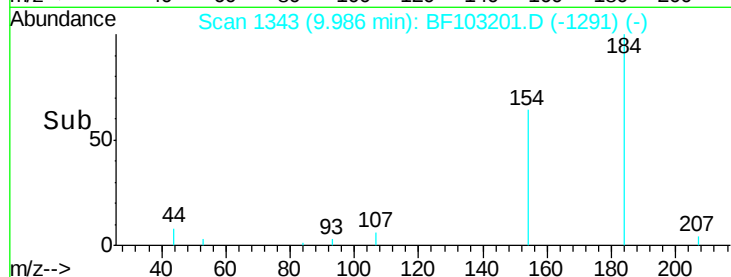
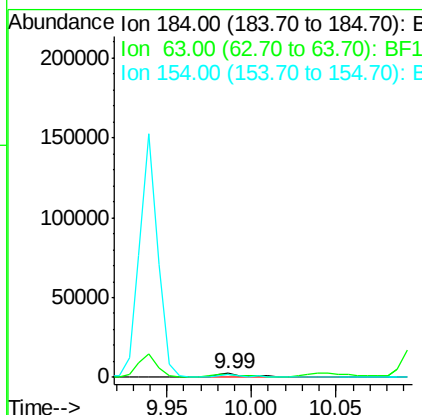
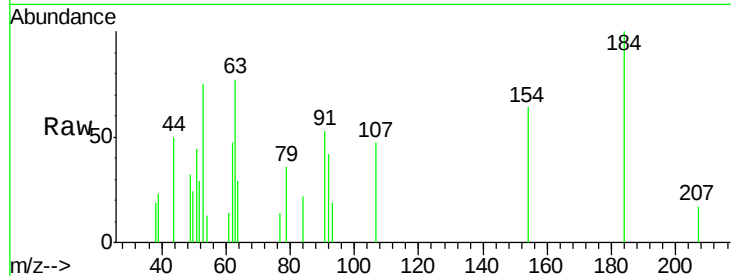
#53  
 2,4-Dinitrophenol  
 Concen: 11.187 ng  
 RT: 9.99 min Scan# 1343  
 Delta R.T. 0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 3882  |       |       |
| 63      | 76.6  | 54.2  | 81.2  |       |
| 154     | 63.9  | 184.0 | 276.0 |       |

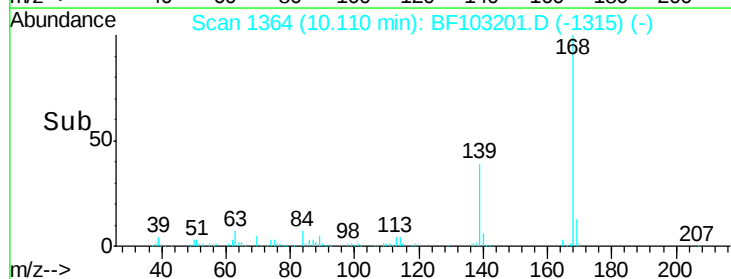
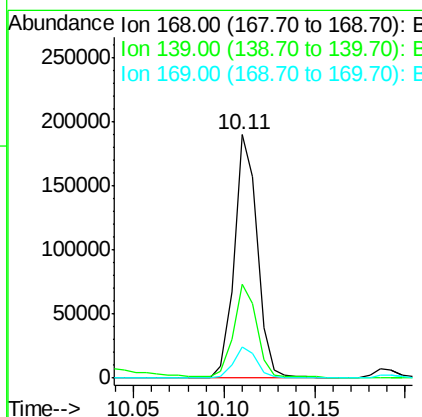
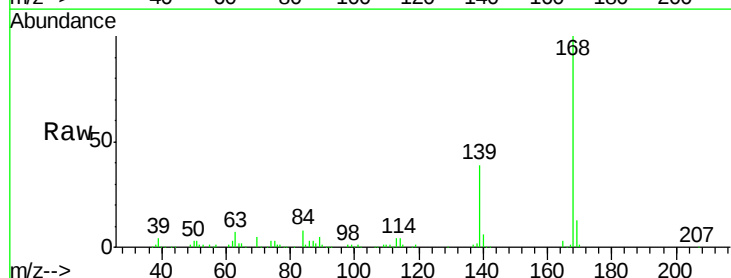
Manual Integrations  
 APPROVED

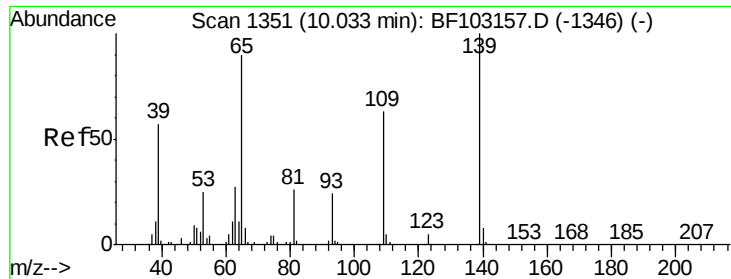
Sohil  
 2/26/2018 9:54:44 AM



#54  
 Dibenzofuran  
 Concen: 5.765 ng  
 RT: 10.11 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 168836 |       |       |
| 139     | 38.8  | 30.1   | 45.1  |       |
| 169     | 13.0  | 10.9   | 16.3  |       |





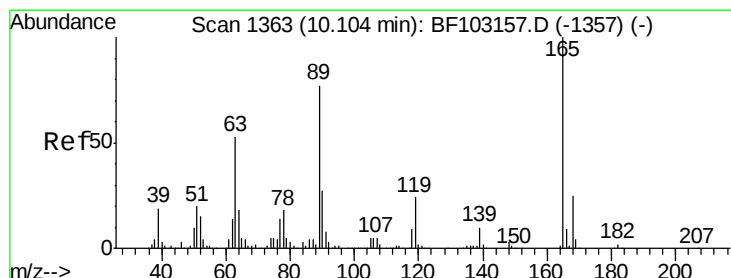
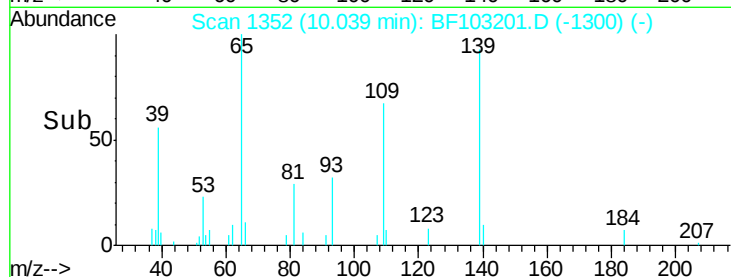
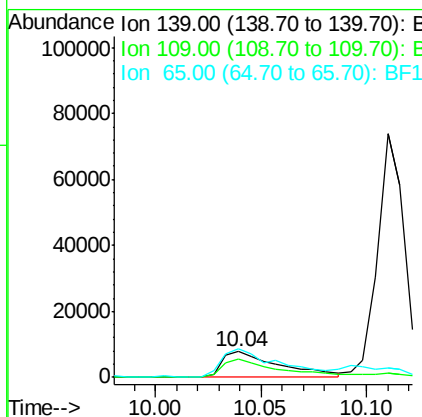
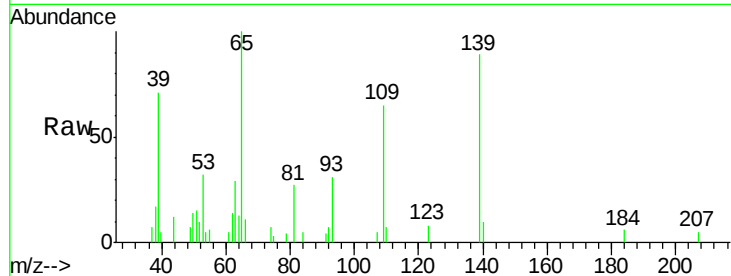
#55  
4-Nitrophenol  
Concen: 3.076 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 14606 |       |       |
| 109     | 72.4  | 48.4  | 88.4  |       |
| 65      | 112.2 | 72.6  | 112.6 |       |

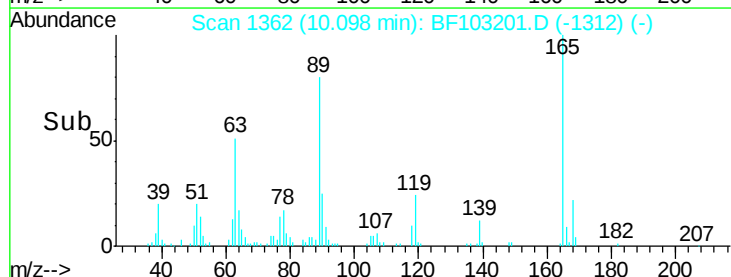
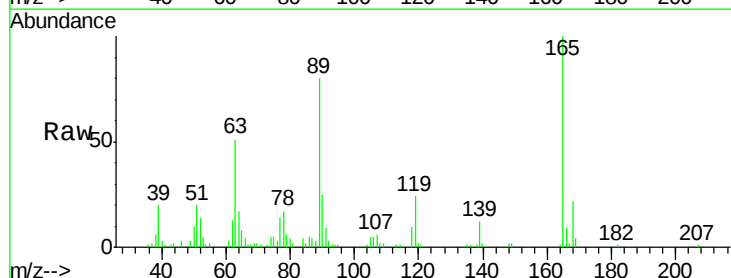
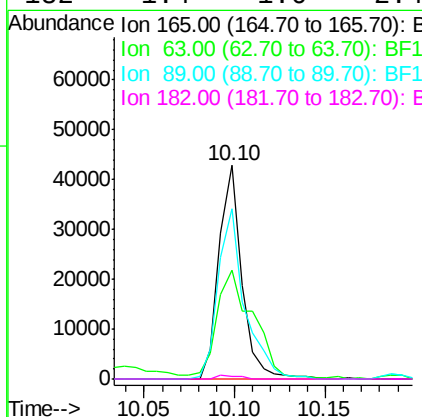
Manual Integrations  
APPROVED

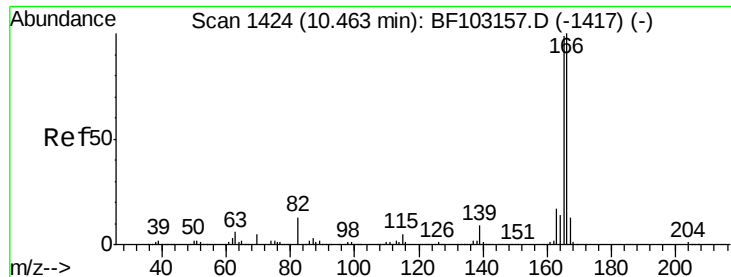
Sohil  
2/26/2018 9:54:44 AM



#56  
2,4-Dinitrotoluene  
Concen: 4.957 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 37858 |       |       |
| 63      | 50.8  | 36.4  | 54.6  |       |
| 89      | 80.0  | 57.8  | 86.6  |       |
| 182     | 1.4   | 1.6   | 2.4   |       |





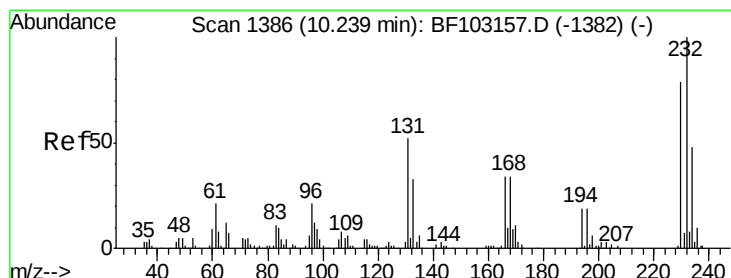
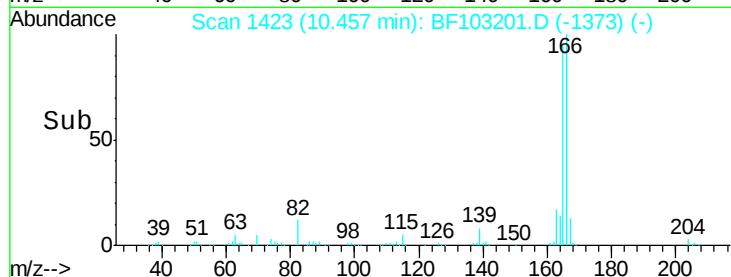
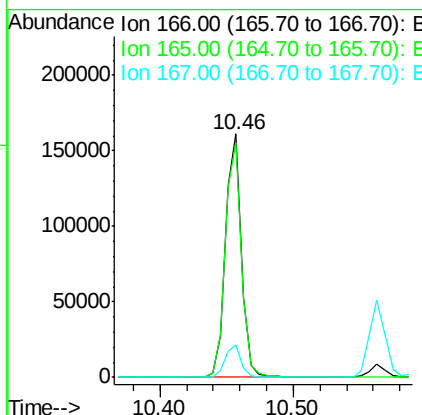
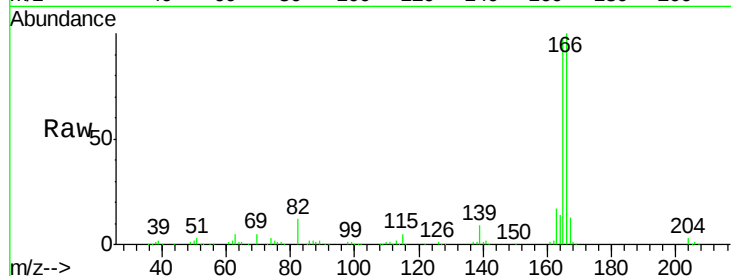
#57  
 Fluorene  
 Concen: 5.439 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 135699 |       |       |
| 165     | 96.5  | 79.8   | 119.8 |       |
| 167     | 13.3  | 10.6   | 16.0  |       |

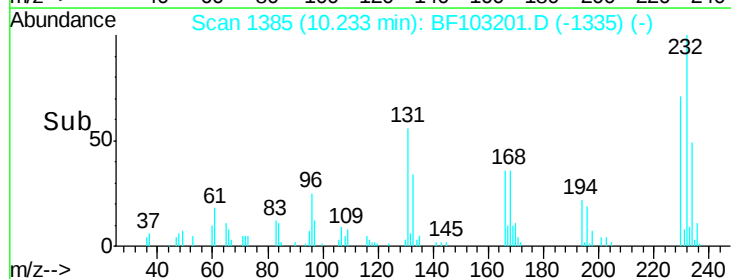
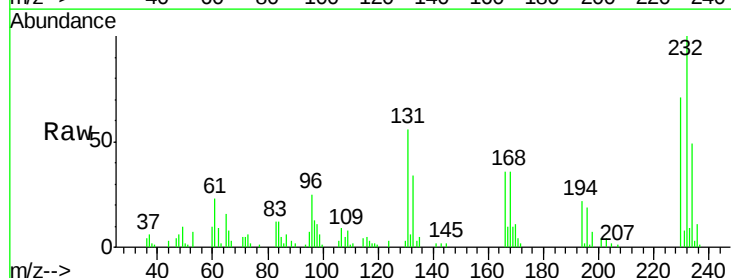
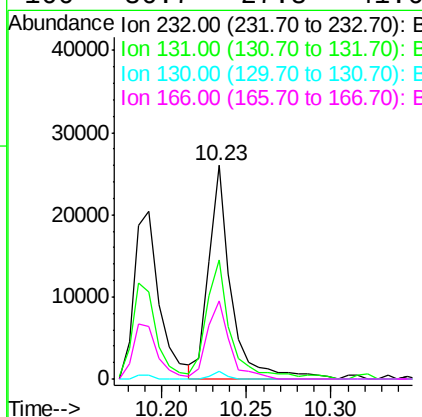
Manual Integrations  
 APPROVED

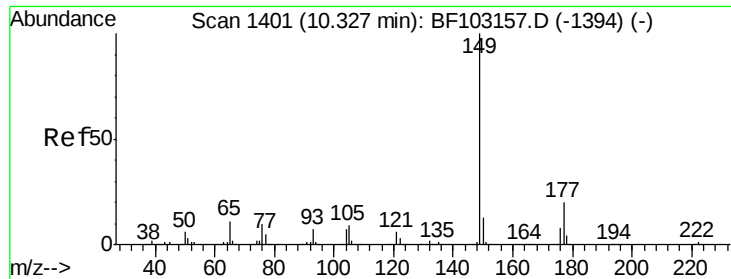
Sohil  
 2/26/2018 9:54:44 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 4.777 ng  
 RT: 10.23 min Scan# 1385  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 24354 |       |       |
| 131     | 60.7  | 43.8  | 65.8  |       |
| 130     | 2.2   | 2.1   | 3.1   |       |
| 166     | 36.7  | 27.8  | 41.6  |       |





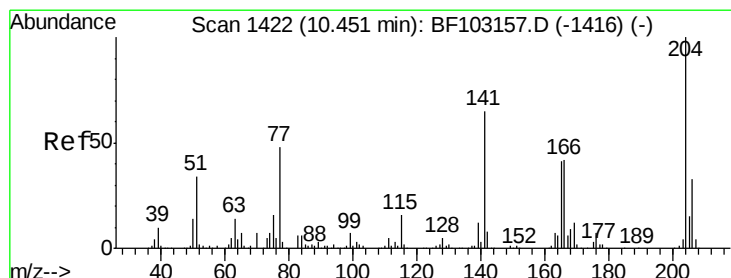
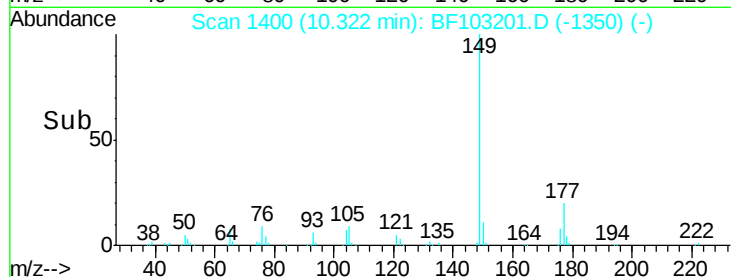
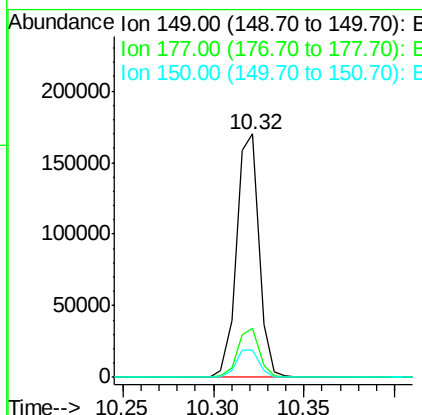
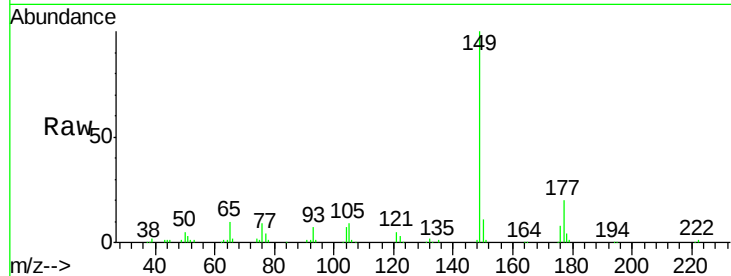
#59  
Diethylphthalate  
Concen: 5.345 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.4  | 16.1  | 24.1  |
| 150     | 11.4  | 10.1  | 15.1  |

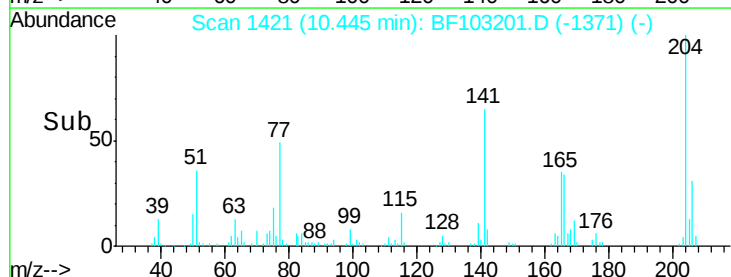
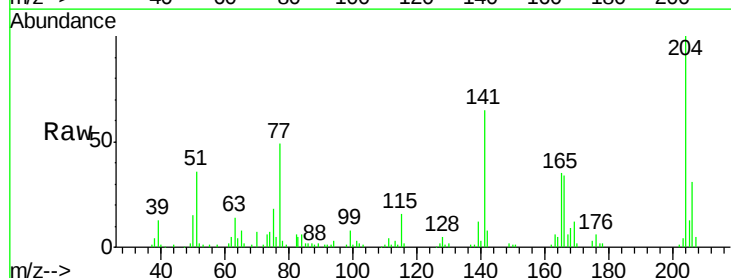
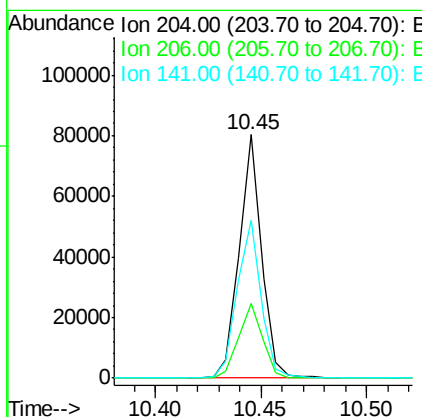
Manual Integrations  
APPROVED

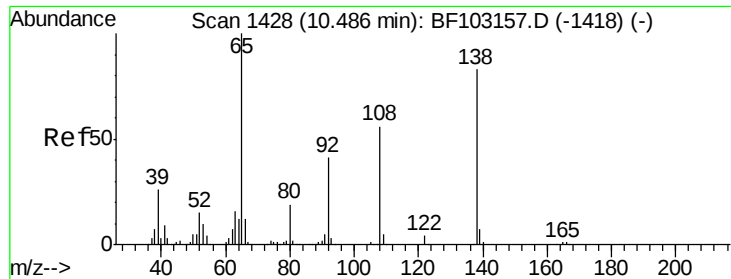
Sohil  
2/26/2018 9:54:44 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 5.539 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 30.6  | 26.5  | 39.7  |
| 141     | 64.9  | 54.6  | 81.8  |





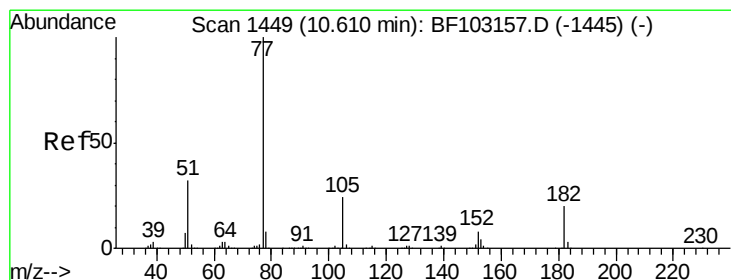
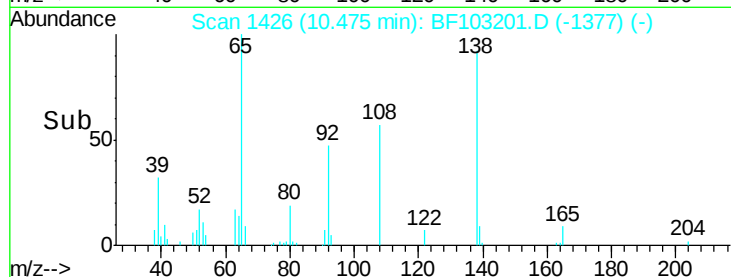
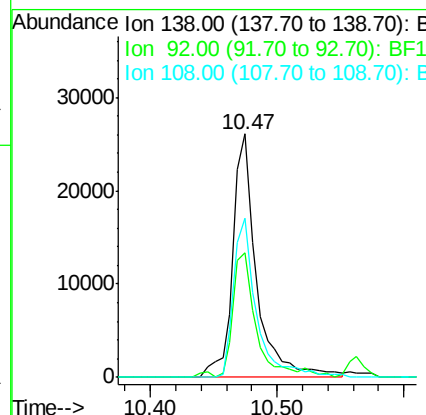
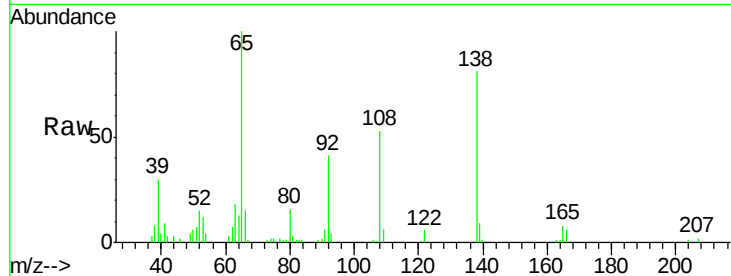
#61  
4-Nitroaniline  
Concen: 4.416 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 33798 |       |       |
| 92      | 51.0  | 30.2  | 70.2  |       |
| 108     | 65.4  | 52.5  | 92.5  |       |

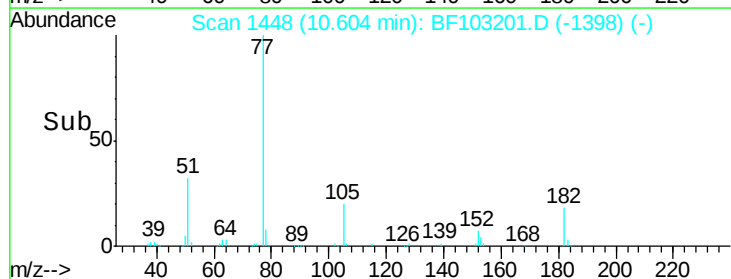
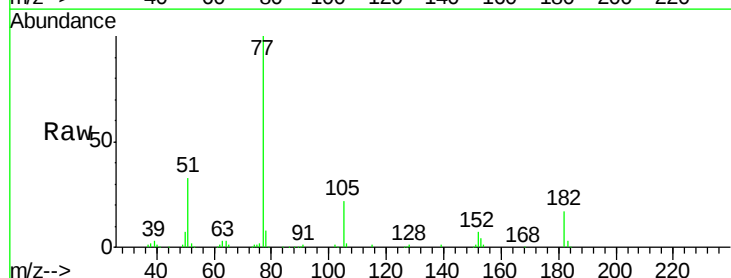
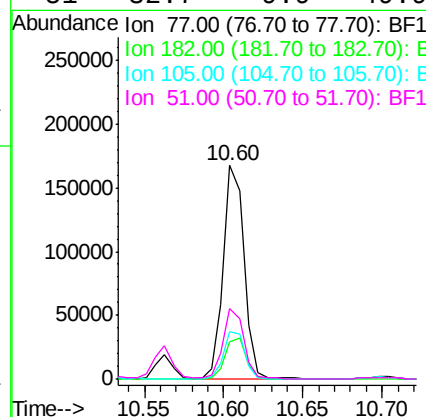
Manual Integrations  
APPROVED

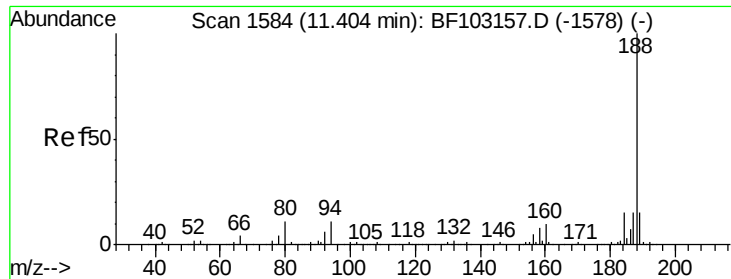
Sohil  
2/26/2018 9:54:44 AM



#62  
Azobenzene  
Concen: 5.481 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 153548 |       |       |
| 182     | 17.4  | 1.7    | 41.7  |       |
| 105     | 22.1  | 3.0    | 43.0  |       |
| 51      | 32.7  | 9.9    | 49.9  |       |





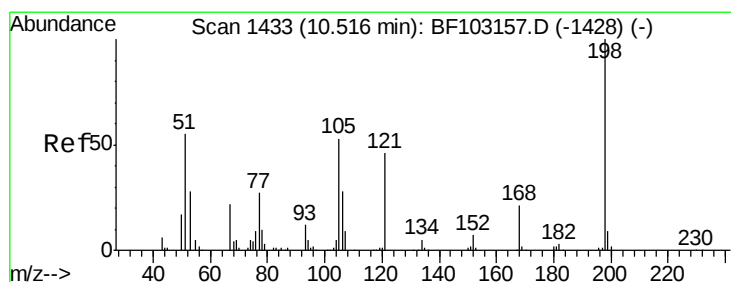
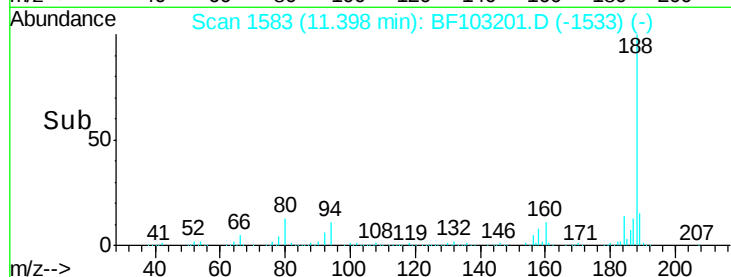
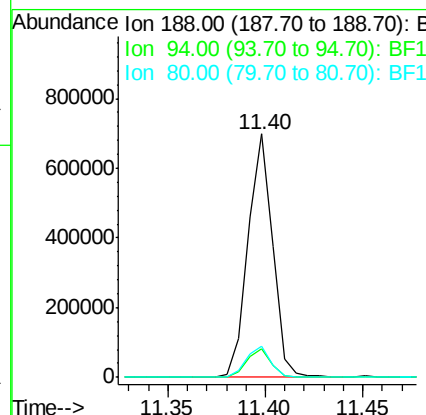
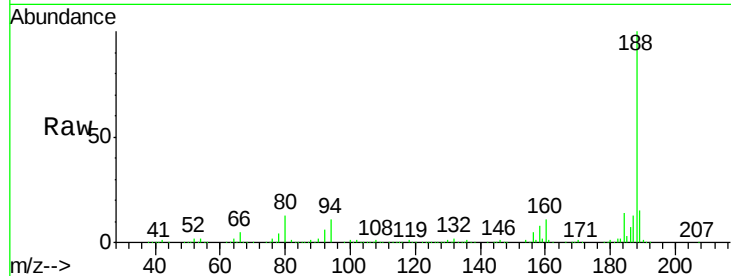
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 11.5  | 8.5        | 12.7       |
| 80      | 12.7  | 9.2        | 13.8       |

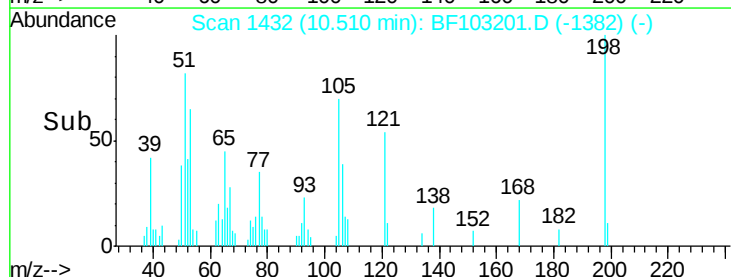
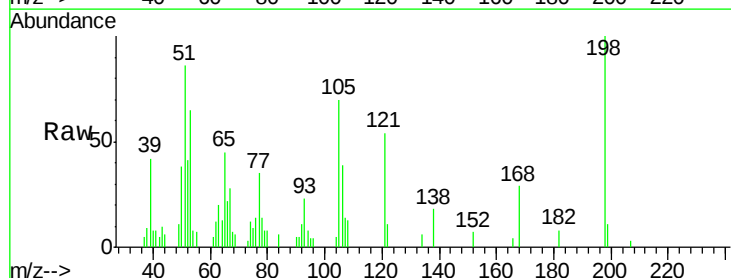
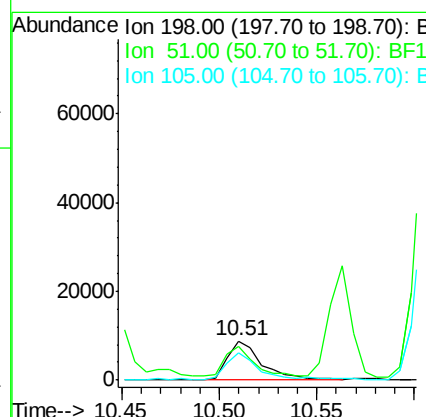
Manual Integrations  
APPROVED

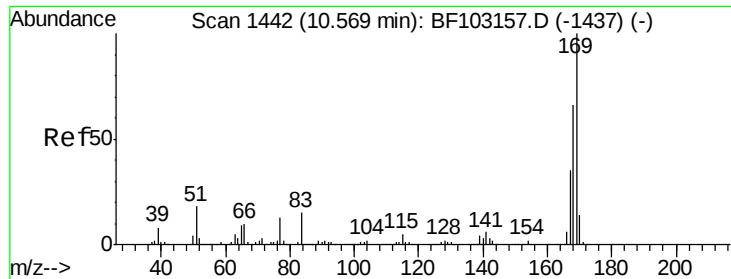
Sohil  
2/26/2018 9:54:44 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 7.514 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 85.6  | 37.7       | 77.7#      |
| 105     | 70.1  | 36.3       | 76.3       |





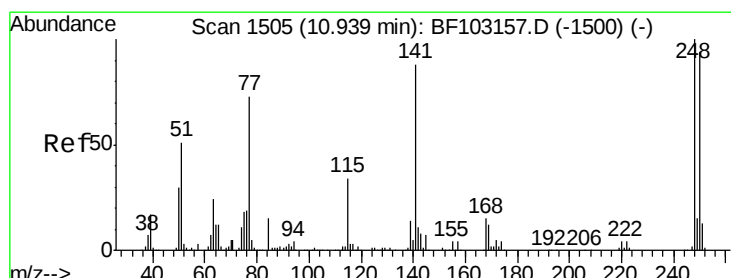
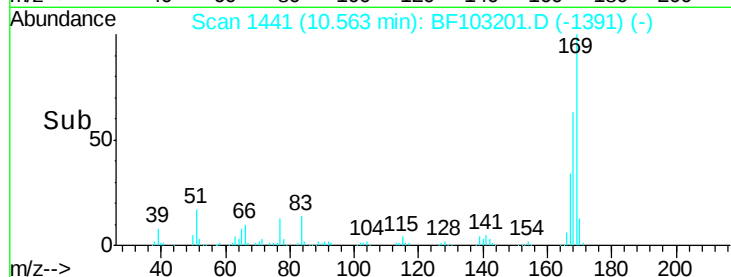
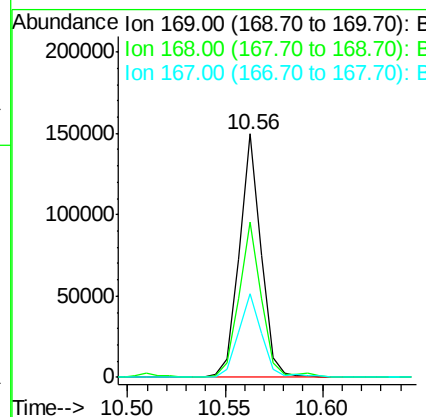
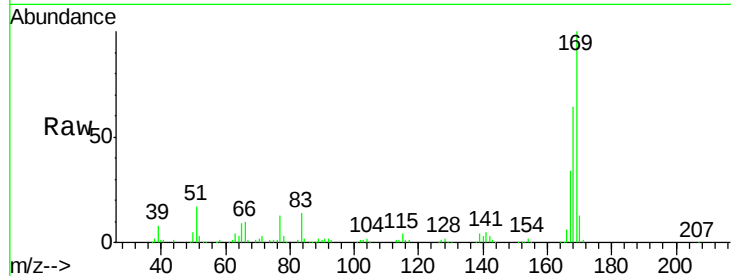
#65  
n-Nitrosodiphenylamine  
Concen: 5.392 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 115292 |       |       |
| 168     | 63.6  | 54.4   | 81.6  |       |
| 167     | 34.3  | 29.8   | 44.6  |       |

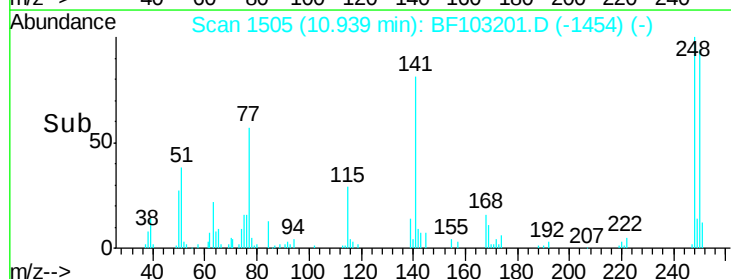
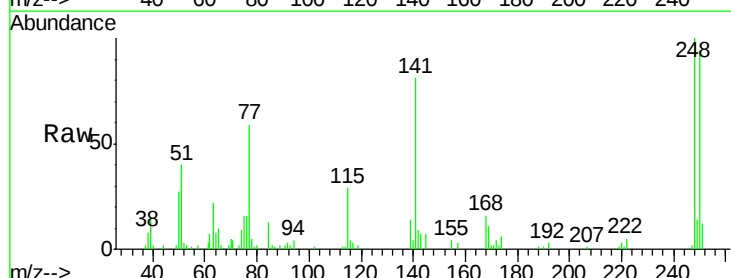
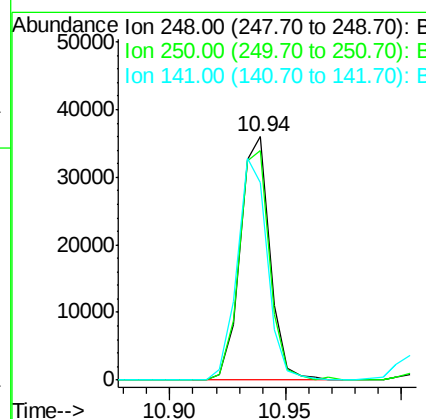
Manual Integrations  
APPROVED

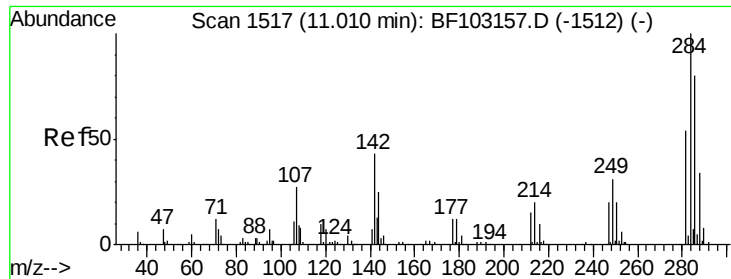
Sohil  
2/26/2018 9:54:44 AM



#66  
4-Bromophenyl-phenylether  
Concen: 5.061 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 32375 |       |       |
| 250     | 94.2  | 76.9  | 115.3 |       |
| 141     | 81.0  | 74.4  | 111.6 |       |





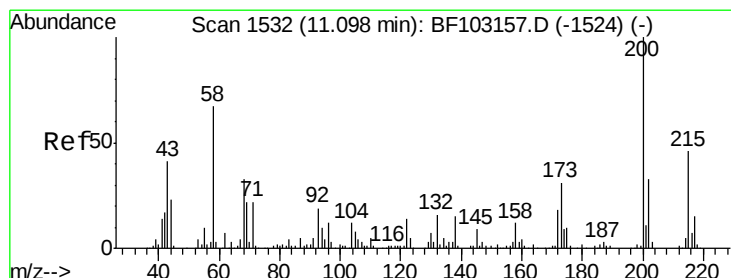
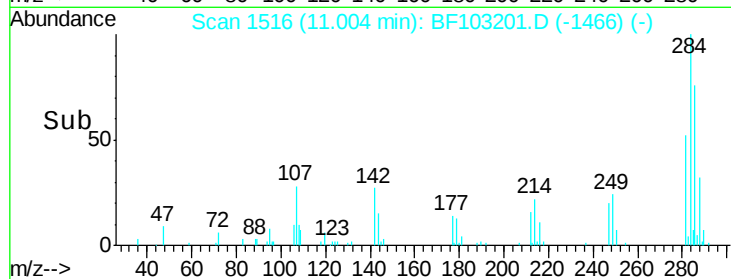
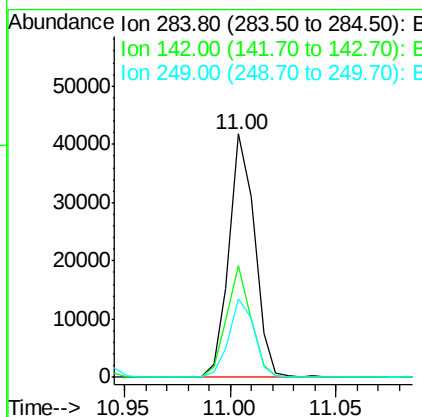
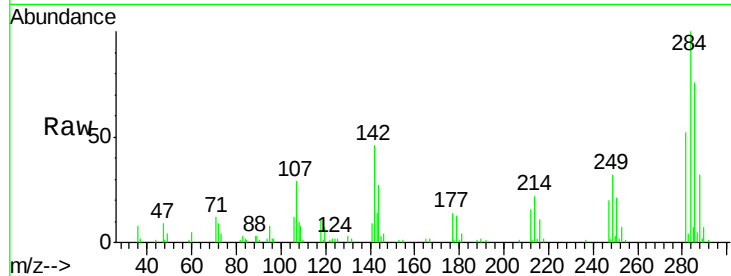
#67  
Hexachlorobenzene  
Concen: 5.053 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 35081 |       |       |
| 142     | 46.1  | 34.6  | 52.0  |       |
| 249     | 32.4  | 24.8  | 37.2  |       |

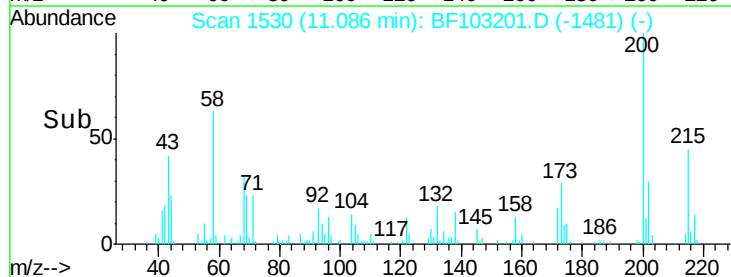
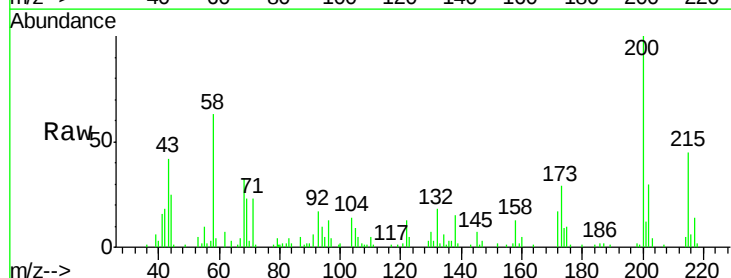
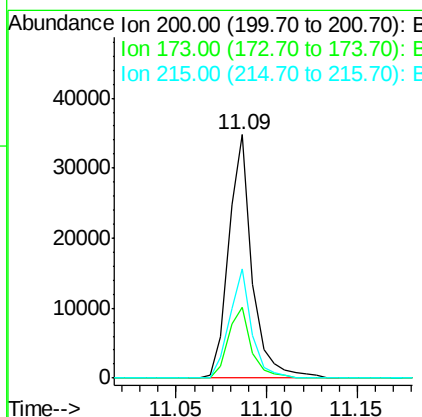
Manual Integrations  
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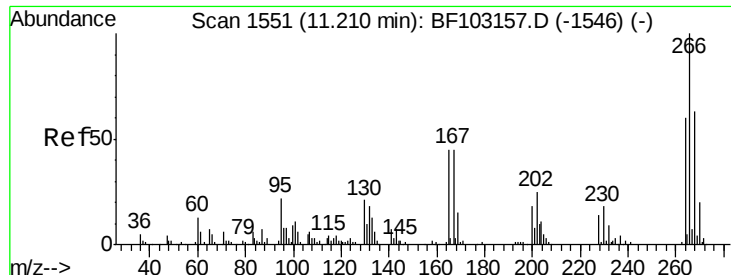
Sohil  
2/26/2018 9:54:44 AM



#68  
Atrazine  
Concen: 4.848 ng  
RT: 11.09 min Scan# 1530  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 31158 |       |       |
| 173     | 29.1  | 8.6   | 48.6  |       |
| 215     | 44.9  | 25.1  | 65.1  |       |





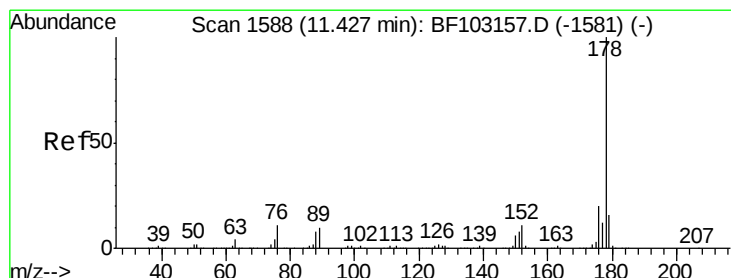
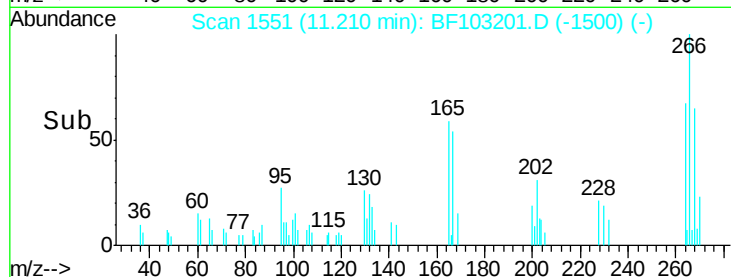
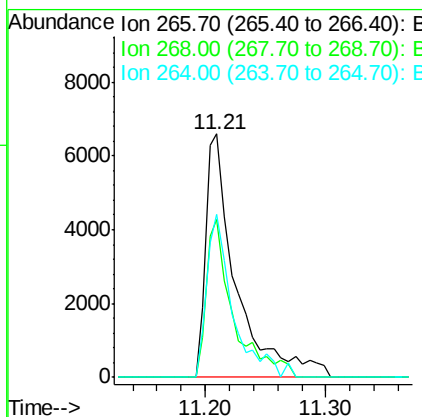
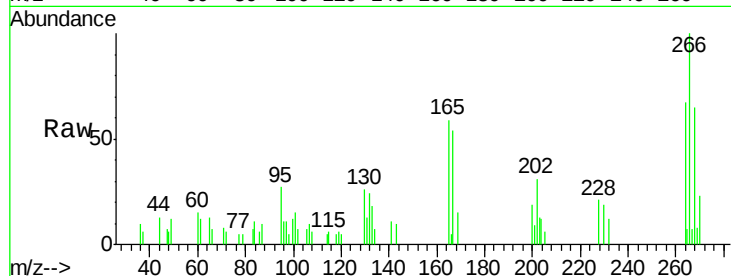
#69  
 Pentachlorophenol  
 Concen: 3.393 ng  
 RT: 11.21 min Scan# 1551  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 72.4  | 51.1  | 76.7  |
| 264     | 67.0  | 49.5  | 74.3  |

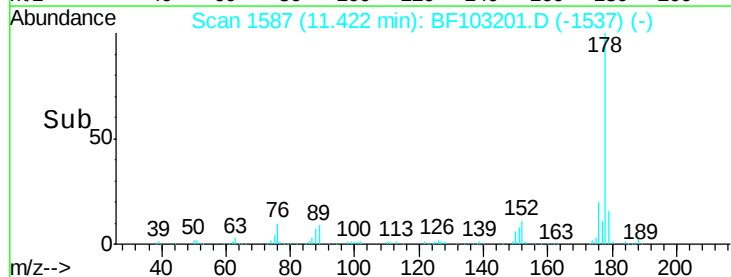
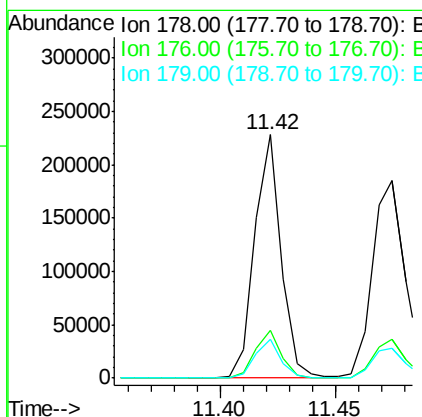
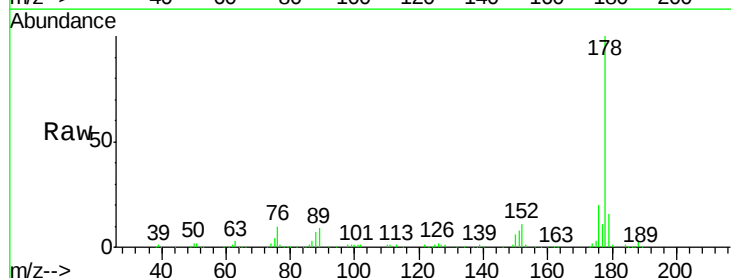
Manual Integrations  
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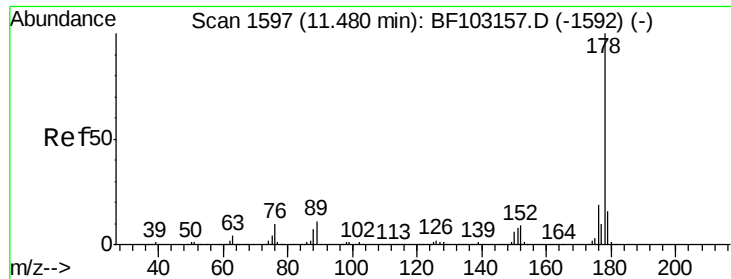
Sohil  
 2/26/2018 9:54:44 AM



#70  
 Phenanthrene  
 Concen: 5.450 ng  
 RT: 11.42 min Scan# 1587  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.8  | 23.8  |
| 179     | 15.8  | 13.0  | 19.6  |





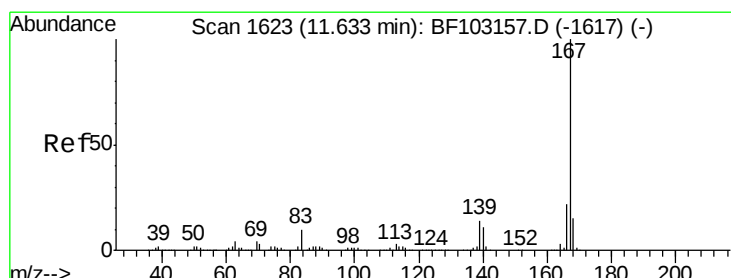
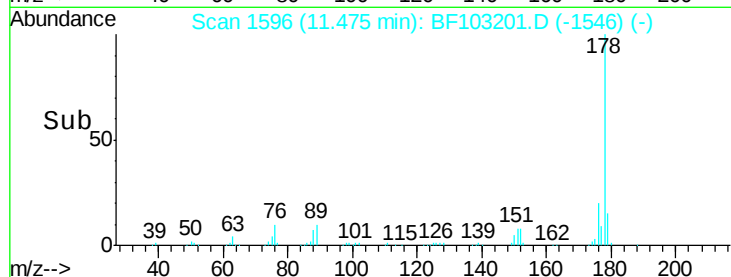
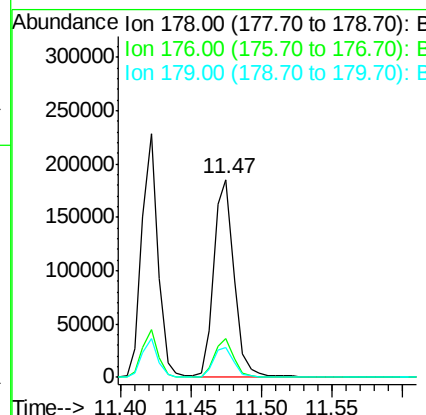
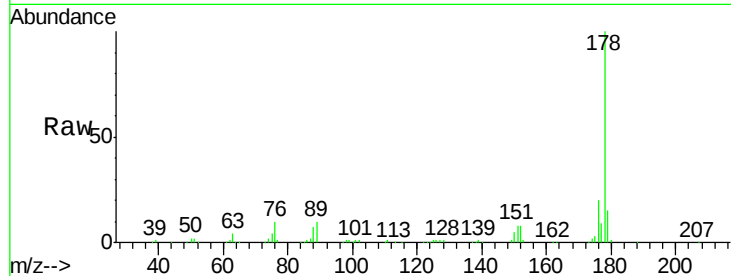
#71  
 Anthracene  
 Concen: 5.387 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.4  | 23.2  |
| 179     | 15.1  | 12.6  | 19.0  |

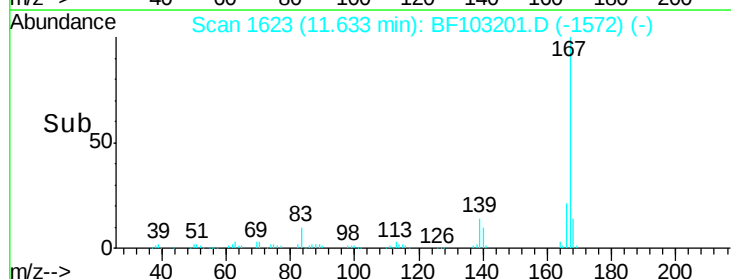
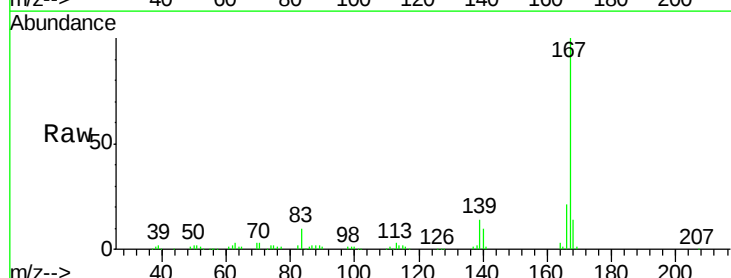
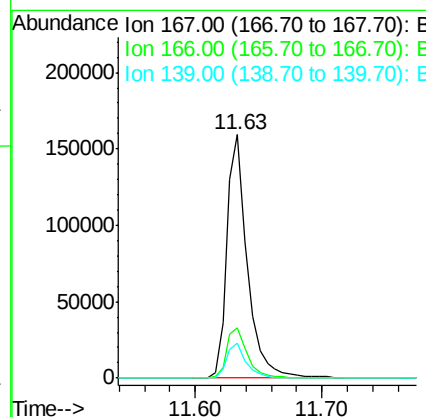
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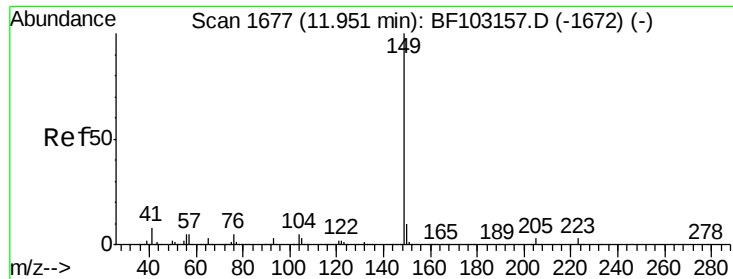
Sohil  
 2/26/2018 9:54:44 AM



#72  
 Carbazole  
 Concen: 5.193 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.6  | 17.6  | 26.4  |
| 139     | 14.3  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 5.294 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

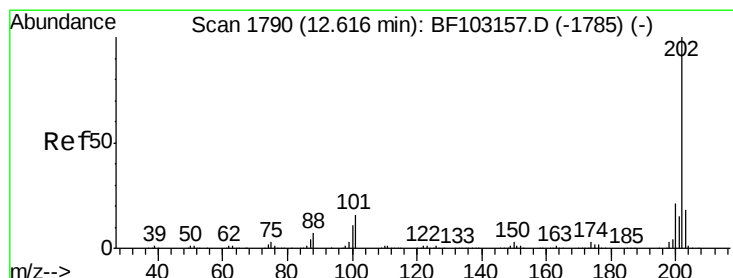
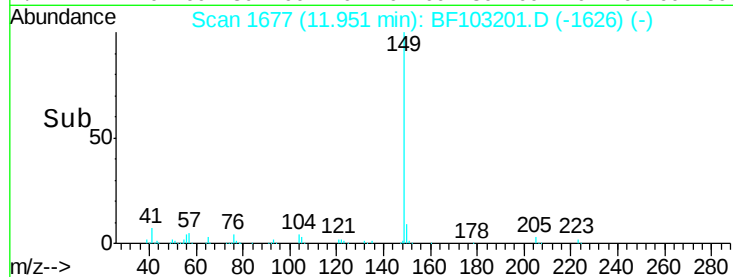
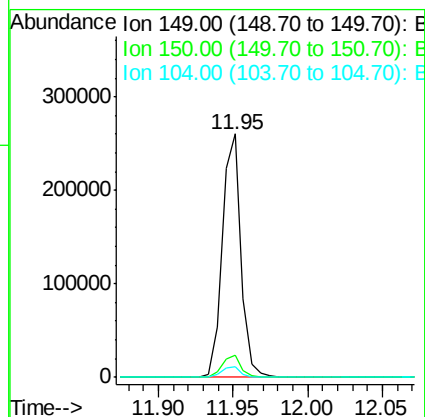
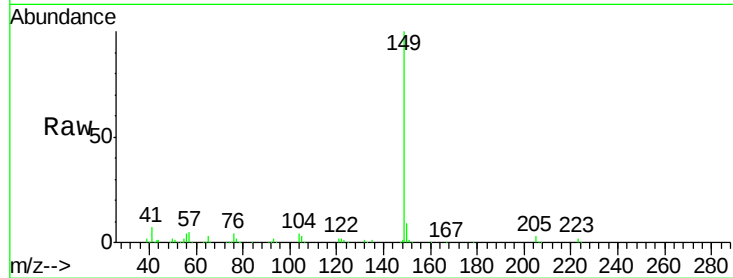
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 228606 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.8   | 11.6   |
| 104       | 4.4   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 5.268 ng

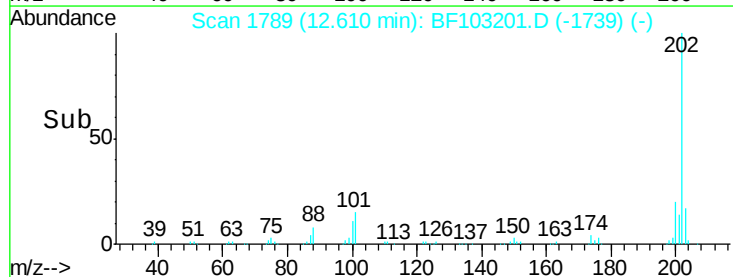
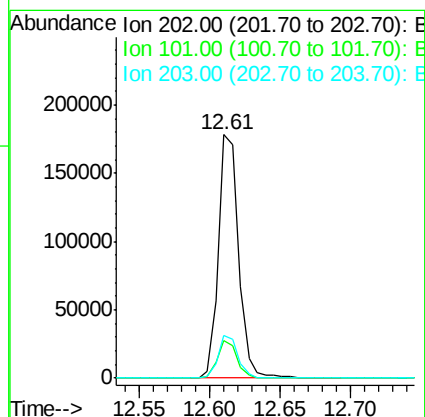
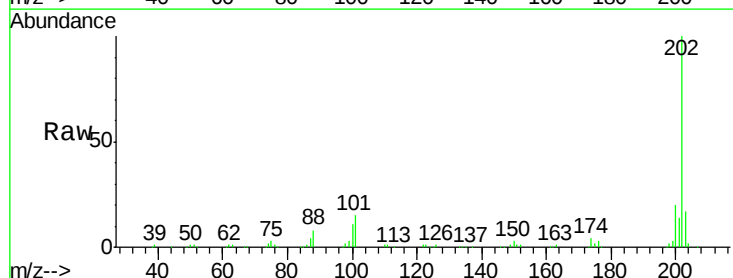
RT: 12.61 min Scan# 1789

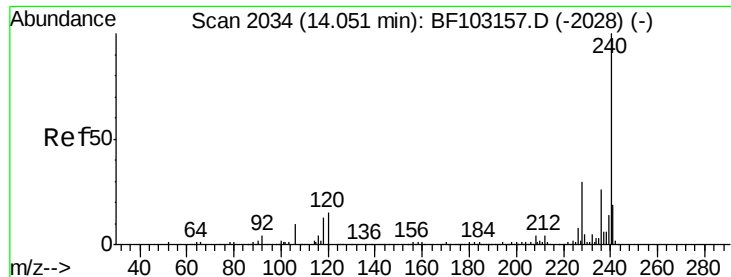
Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 178909 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 15.5  | 0.0   | 34.1   |
| 203       | 17.3  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

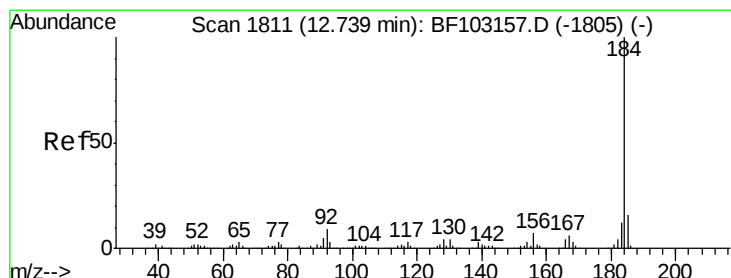
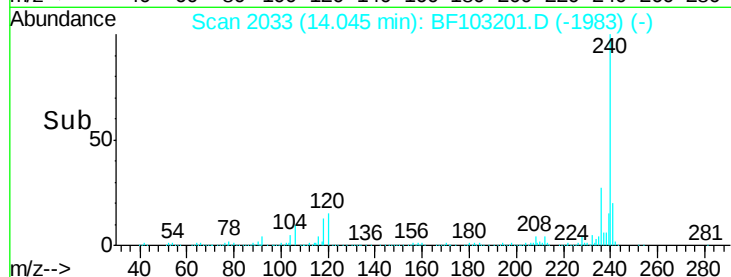
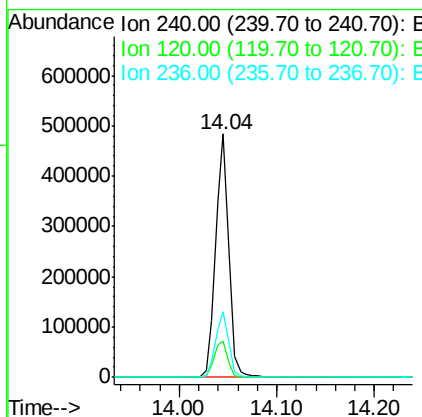
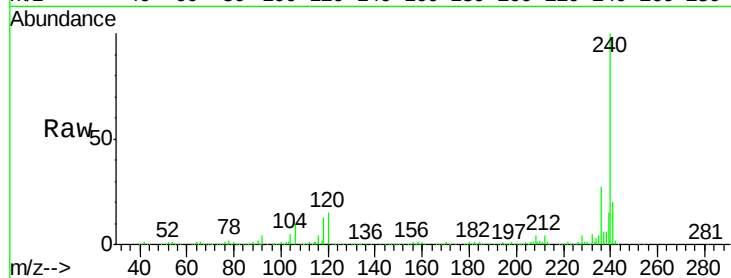
ClientSampleId :

MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 449200 |       |       |
| 120     | 14.7  | 9.5    | 14.3# |       |
| 236     | 26.9  | 20.7   | 31.1  |       |

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#76

Benzidine

Concen: 2.322 ng

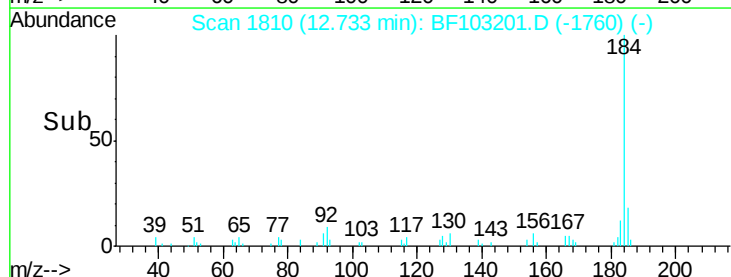
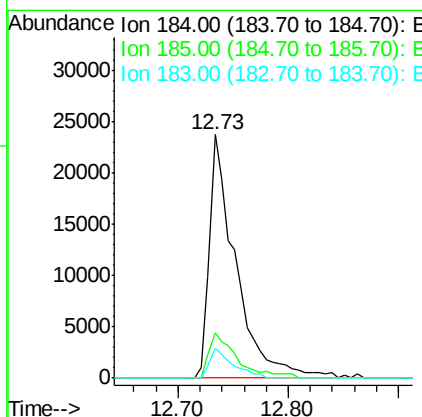
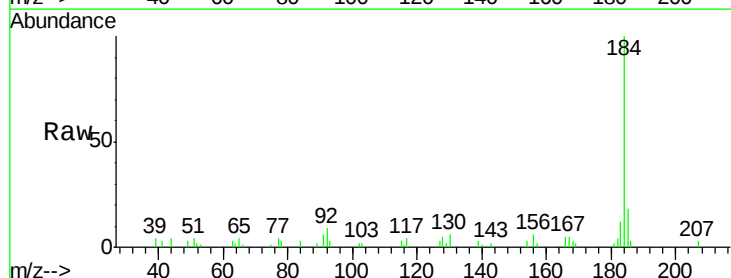
RT: 12.73 min Scan# 1810

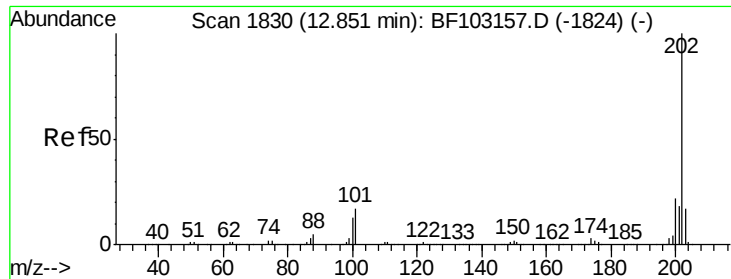
Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 38989 |       |       |
| 185     | 18.3  | 12.6  | 18.8  |       |
| 183     | 12.4  | 9.3   | 13.9  |       |





#77

Pyrene

Concen: 5.338 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

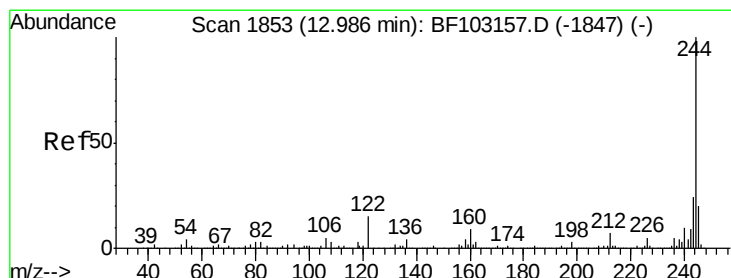
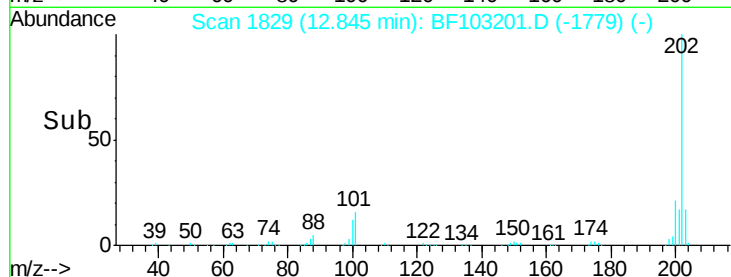
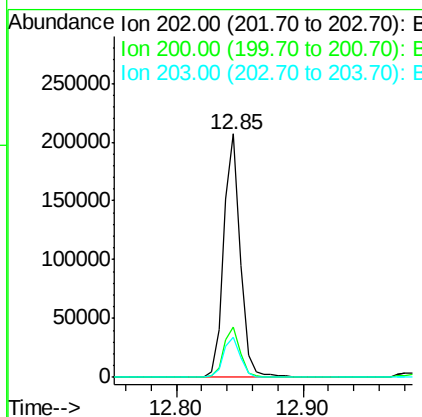
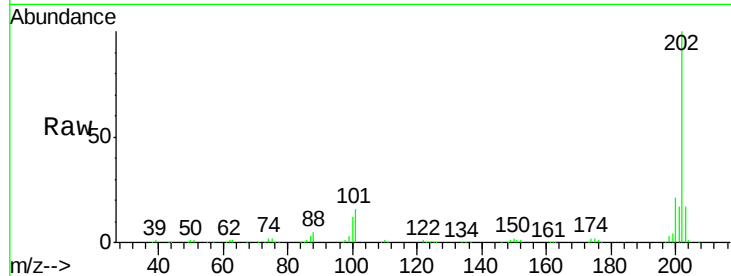
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 186953 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.9  | 17.4  | 26.2   |
| 203       | 16.7  | 14.3  | 21.5   |

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#78

Terphenyl-d14

Concen: 77.616 ng

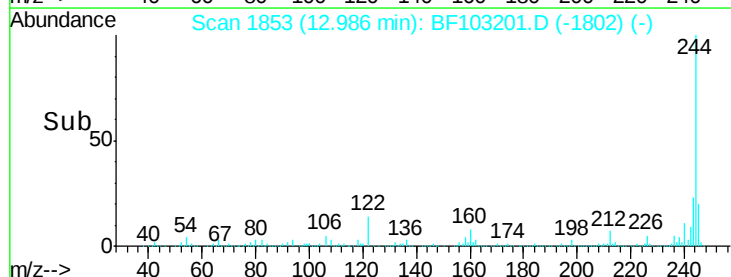
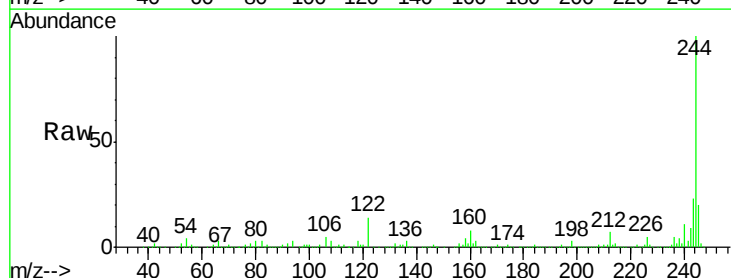
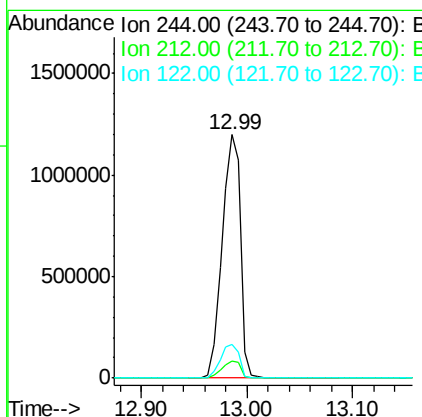
RT: 12.99 min Scan# 1853

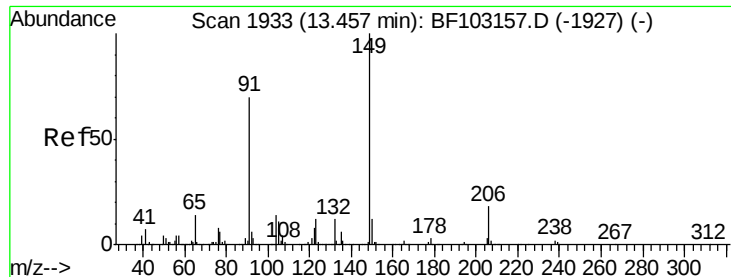
Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1450369 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.2   | 5.4   | 8.0     |
| 122       | 14.0  | 11.0  | 16.4    |





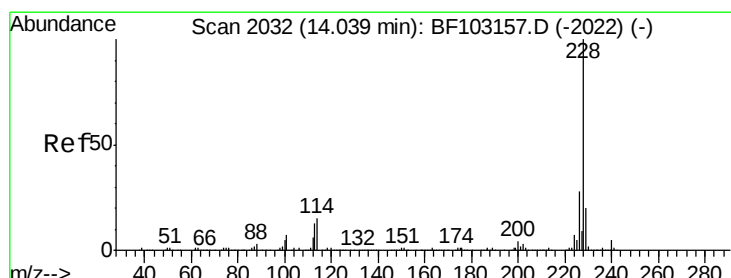
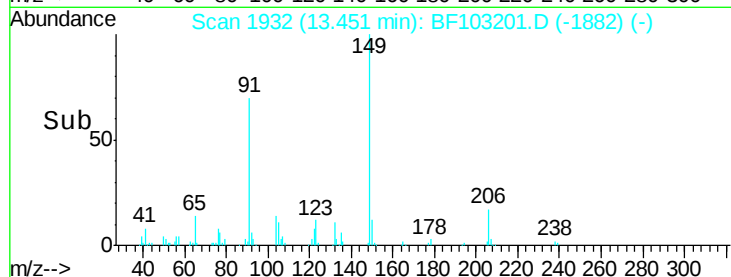
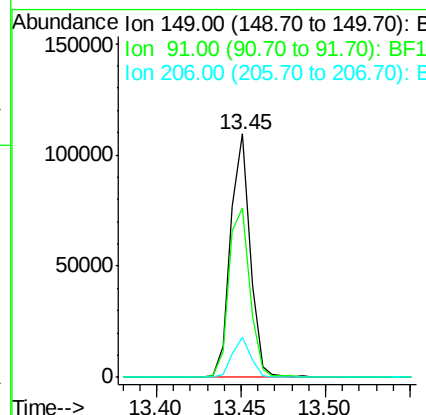
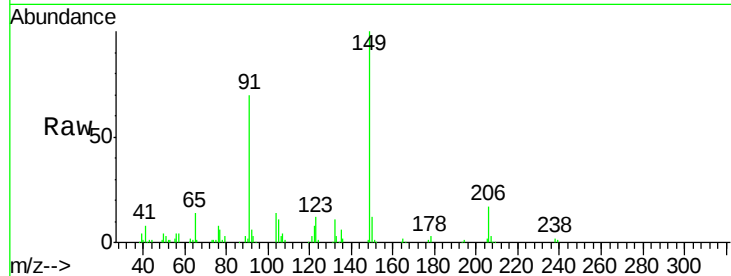
#79  
Butylbenzylphthalate  
Concen: 4.778 ng  
RT: 13.45 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 88410 |       |       |
| 91      | 69.8  | 56.8  | 85.2  |       |
| 206     | 16.6  | 14.1  | 21.1  |       |

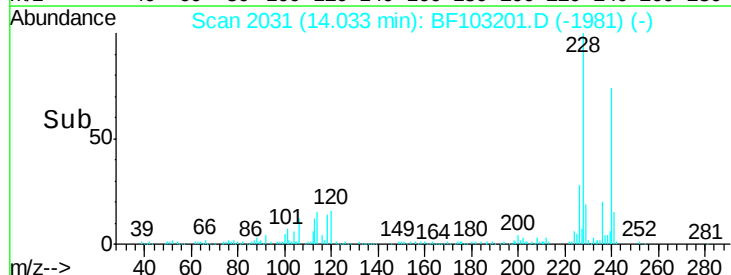
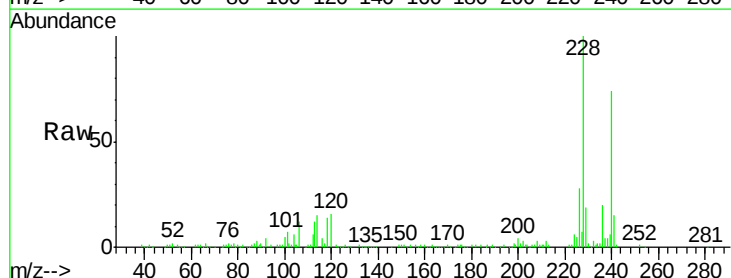
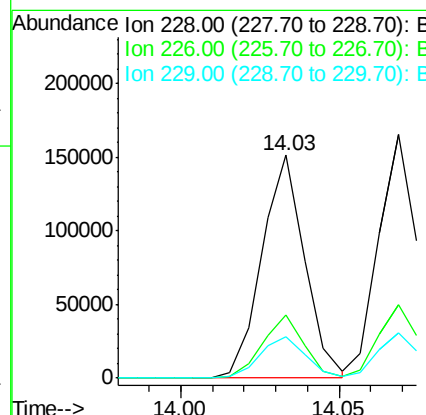
Manual Integrations  
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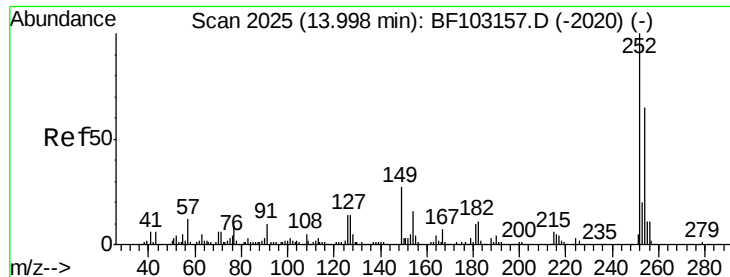
Sohil  
2/26/2018 9:54:44 AM



#80  
Benzo(a)anthracene  
Concen: 4.863 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 141748 |       |       |
| 226     | 28.4  | 22.6   | 33.8  |       |
| 229     | 18.5  | 15.8   | 23.6  |       |





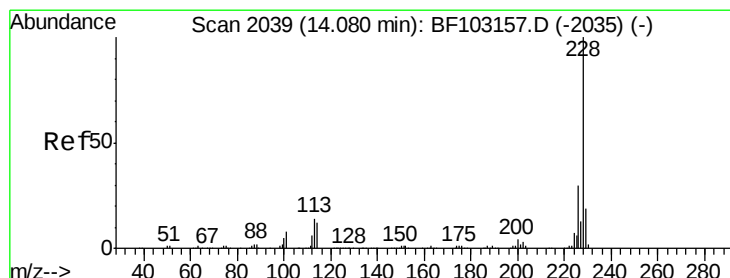
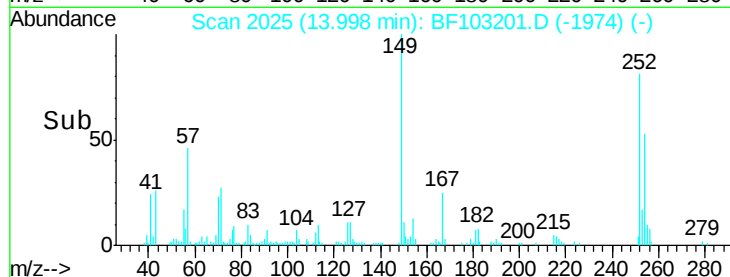
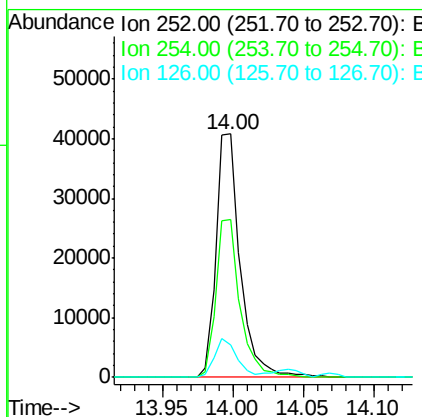
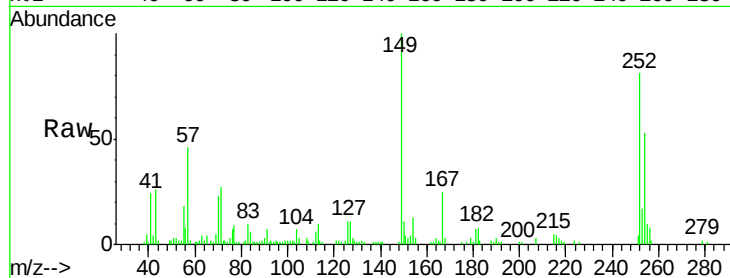
#81  
3,3'-Dichlorobenzidine  
Concen: 4.689 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 48769 |       |       |
| 254     | 64.9  | 50.4  | 75.6  |       |
| 126     | 13.5  | 11.3  | 16.9  |       |

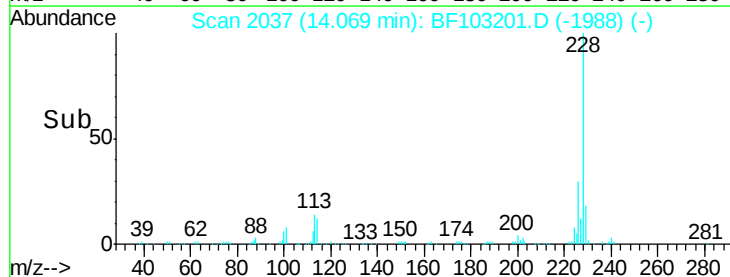
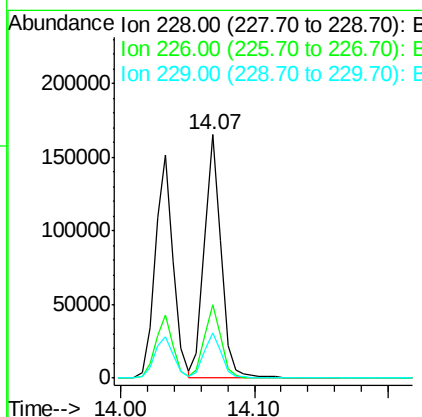
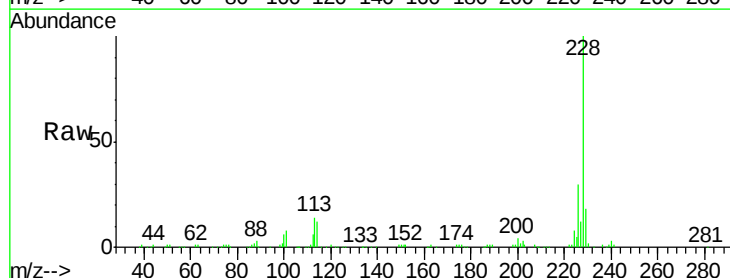
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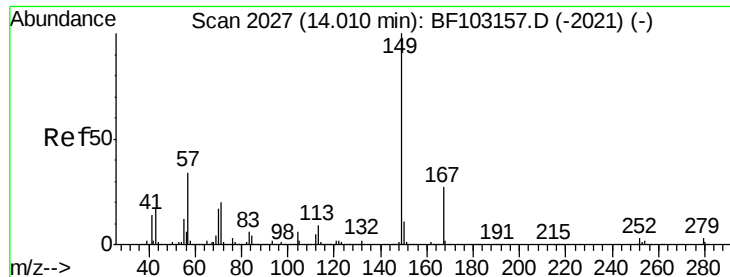
Sohil  
2/26/2018 9:54:44 AM



#82  
Chrysene  
Concen: 5.137 ng  
RT: 14.07 min Scan# 2037  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 145388 |       |       |
| 226     | 30.2  | 25.0   | 37.6  |       |
| 229     | 18.5  | 16.2   | 24.4  |       |





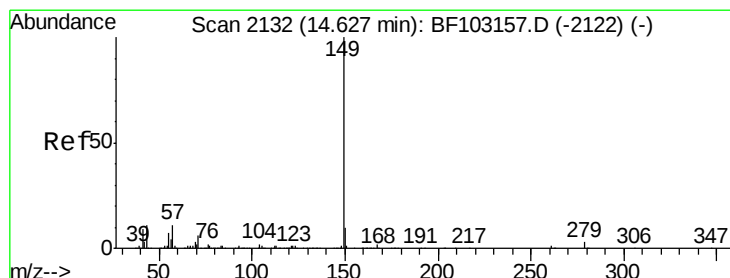
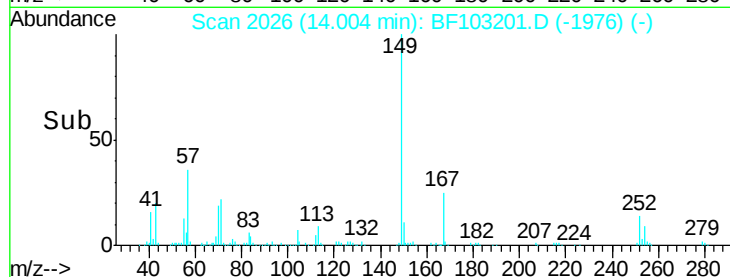
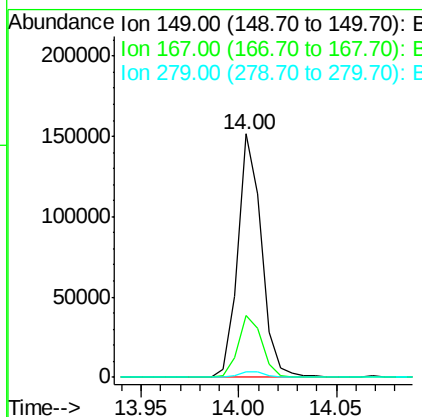
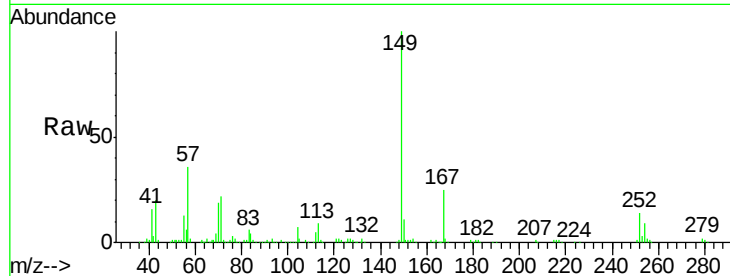
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 5.087 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.5  | 21.3  | 31.9  |
| 279     | 2.2   | 3.0   | 4.4   |

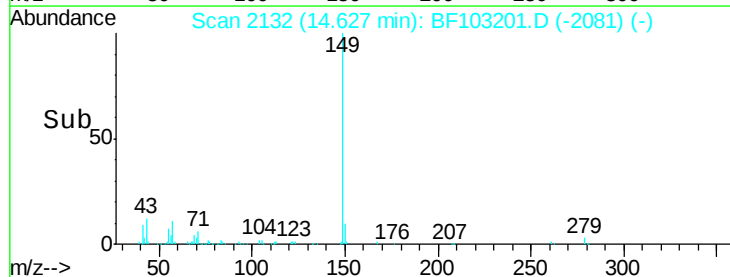
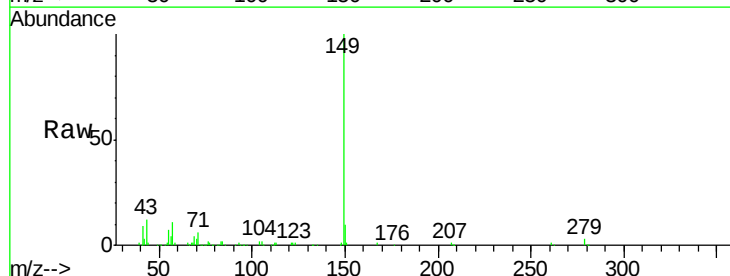
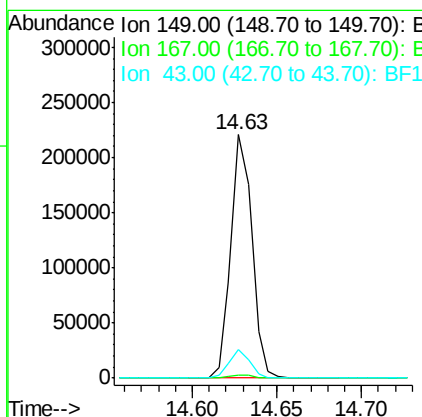
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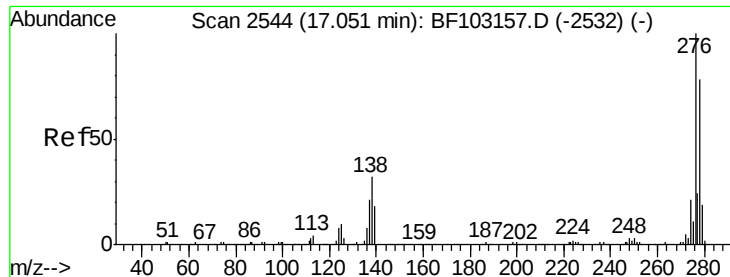
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 2/26/2018 9:54:44 AM



#84  
 Di-n-octyl phthalate  
 Concen: 4.784 ng  
 RT: 14.63 min Scan# 2132  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.4   | 1.2   | 1.8   |
| 43      | 11.5  | 8.4   | 12.6  |





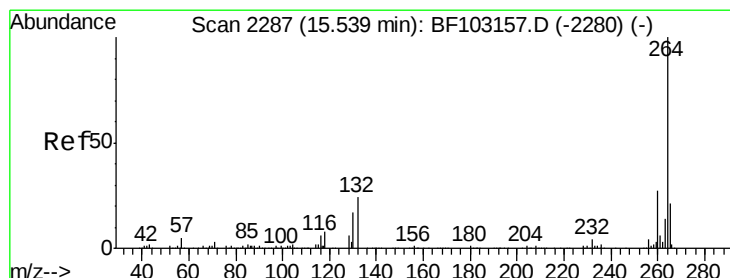
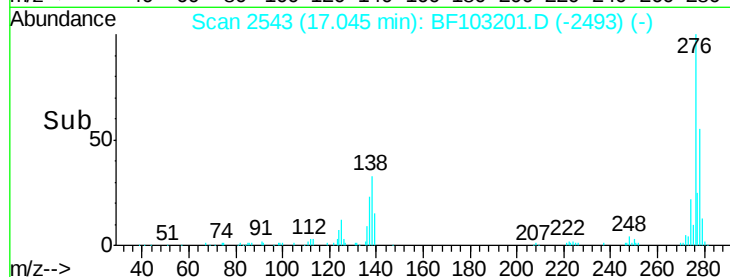
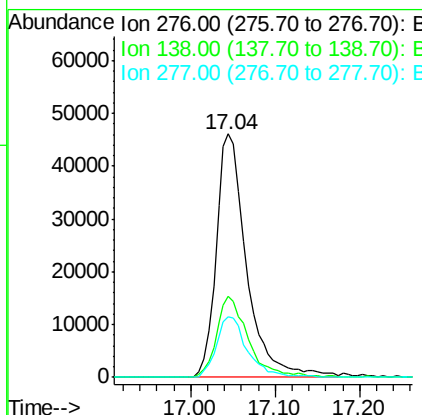
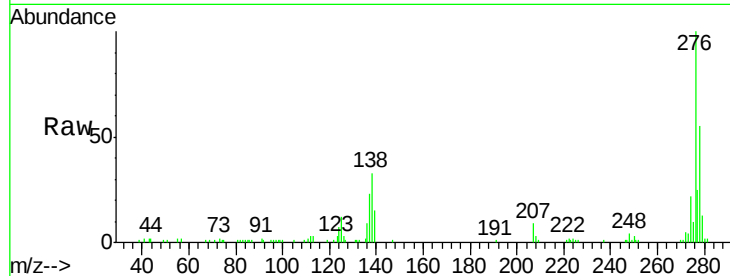
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 5.140 ng  
 RT: 17.04 min Scan# 2543  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 34.5  | 25.0  | 37.6  |
| 277     | 25.5  | 20.1  | 30.1  |

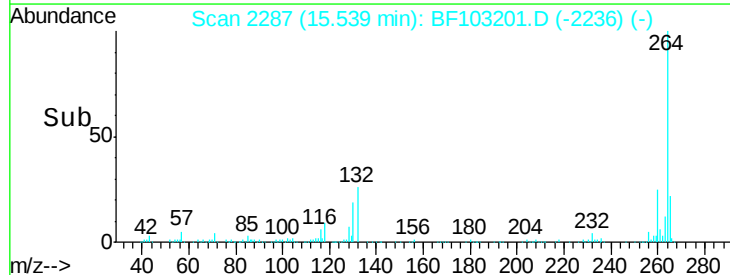
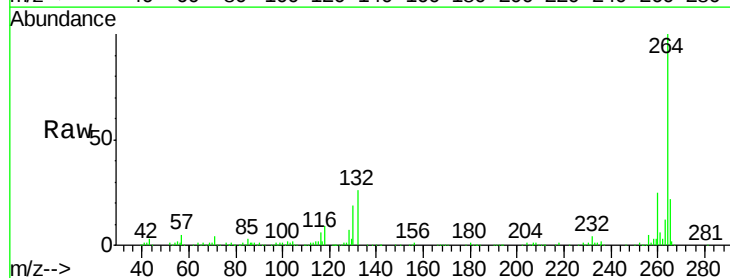
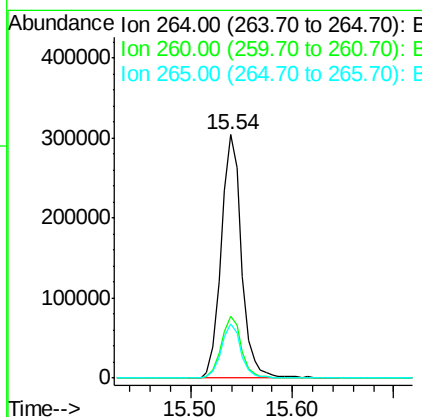
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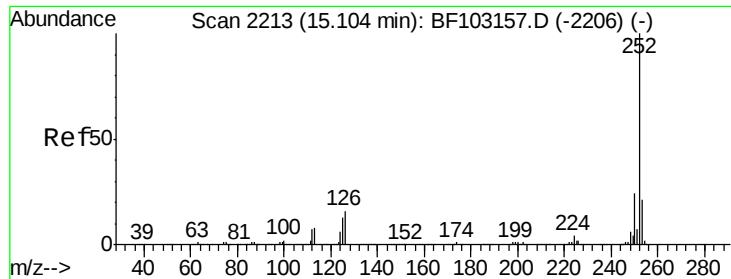
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 2/26/2018 9:54:44 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2287  
 Delta R.T. 0.00 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 19.2  | 28.8  |
| 265     | 22.4  | 17.5  | 26.3  |





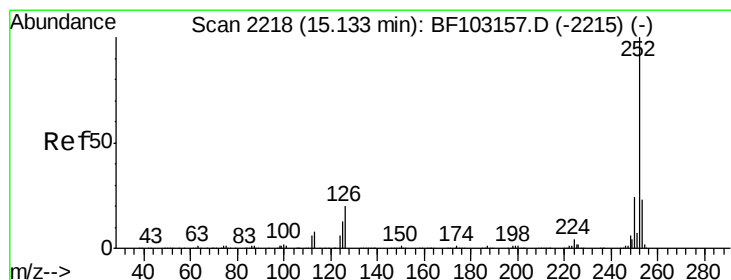
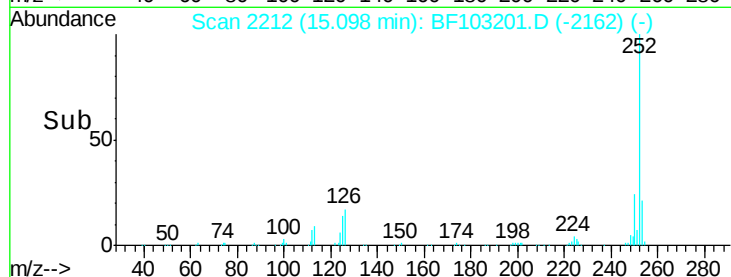
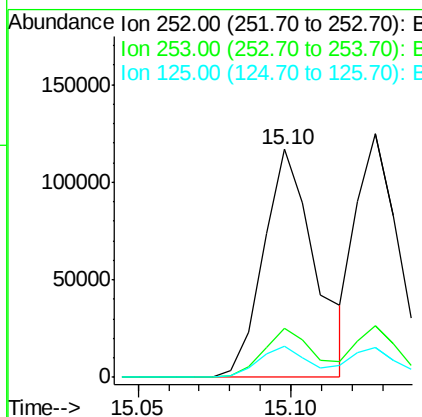
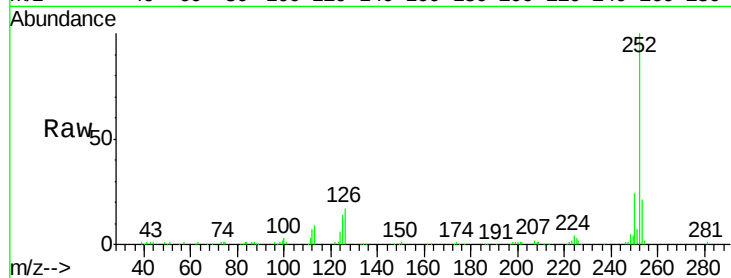
#87  
Benzo(b)fluoranthene  
Concen: 4.888 ng m  
RT: 15.10 min Scan# 2212  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.0  | 25.6  |
| 125     | 13.6  | 9.0   | 13.6  |

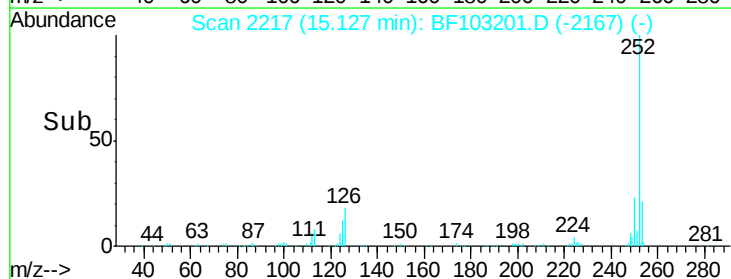
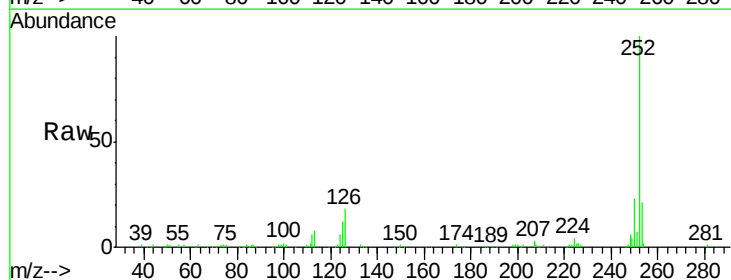
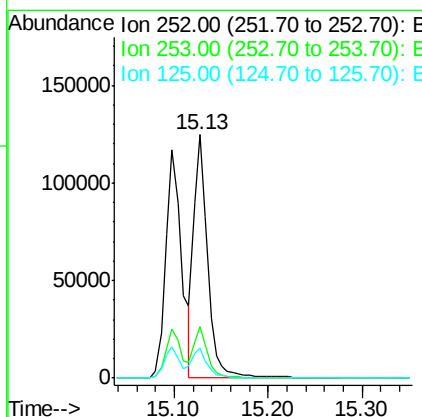
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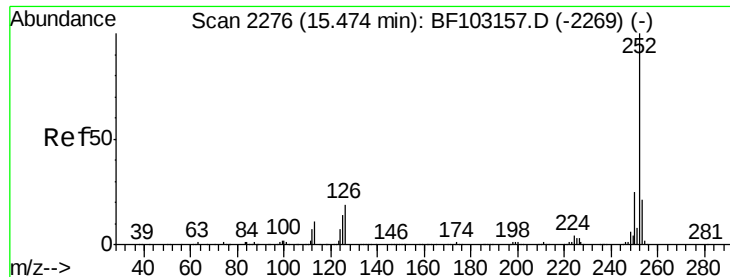
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#88  
Benzo(k)fluoranthene  
Concen: 4.911 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. -0.01 min  
Lab File: BF103201.D  
Acq: 23 Feb 2018 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.9  | 26.9  |
| 125     | 12.3  | 10.2  | 15.2  |





#89

Benzo(a)pyrene

Concen: 4.759 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

Instrument :

BNA\_F

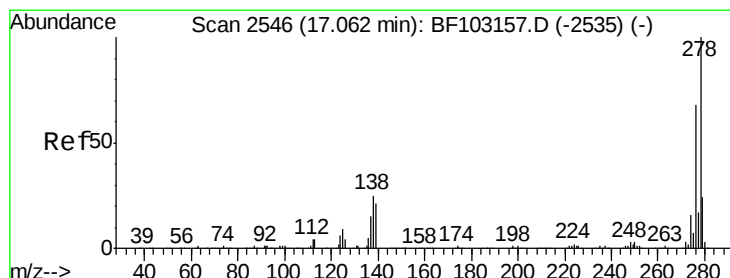
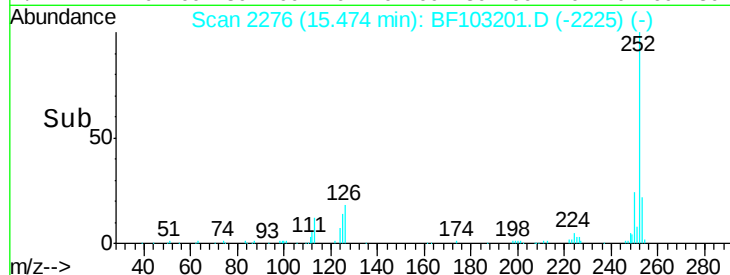
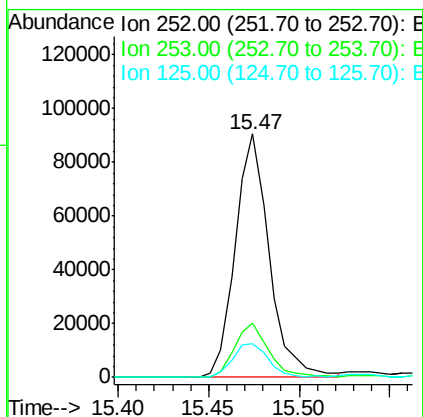
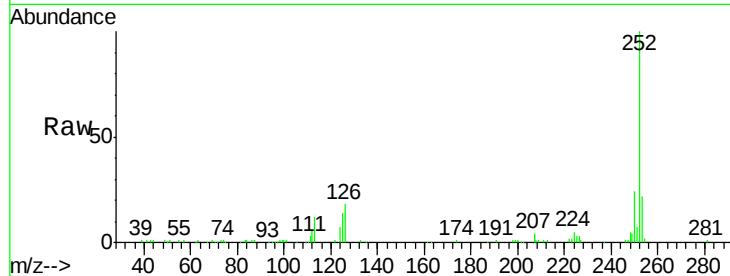
ClientSampleId :

MDL-WATER-03-QT1-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 118475 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.1  | 25.7   |
| 125       | 14.0  | 9.8   | 14.6   |

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#90

Dibenzo(a,h)anthracene

Concen: 4.985 ng

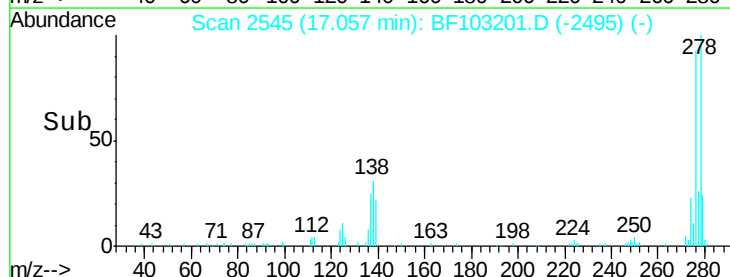
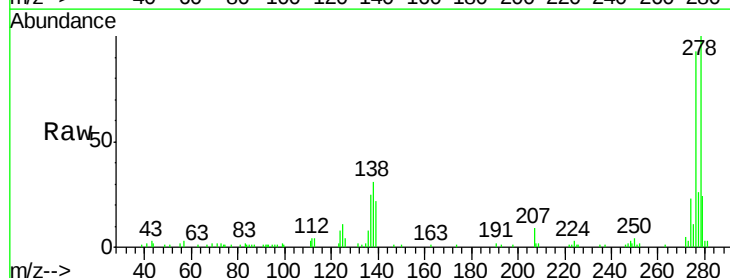
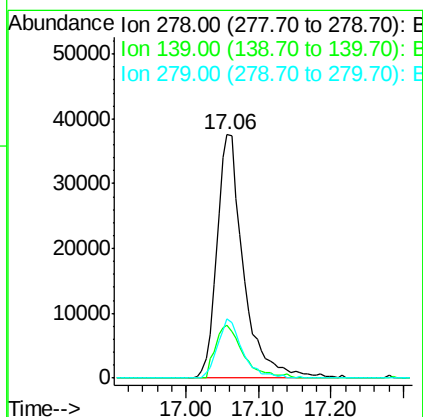
RT: 17.06 min Scan# 2546

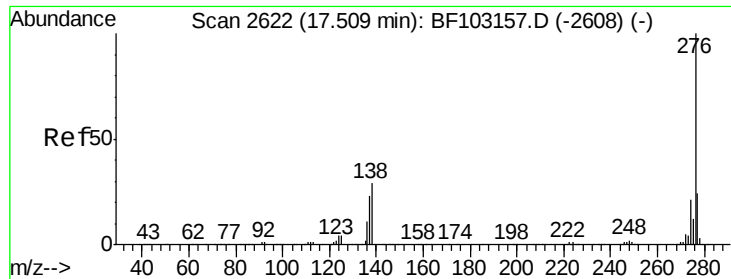
Delta R.T. -0.01 min

Lab File: BF103201.D

Acq: 23 Feb 2018 15:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 95889 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 21.7  | 15.9  | 23.9  |
| 279       | 24.2  | 19.0  | 28.4  |





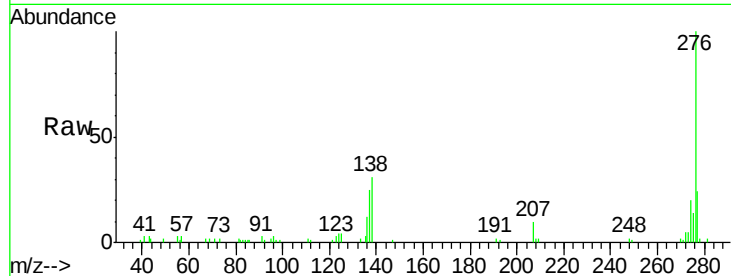
#91  
 Benzo(g,h,i)perylene  
 Concen: 5.081 ng  
 RT: 17.50 min Scan# 2621  
 Delta R.T. -0.01 min  
 Lab File: BF103201.D  
 Acq: 23 Feb 2018 15:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT1-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 17.9  | 26.9  |
| 138     | 31.1  | 21.8  | 32.8  |

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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

