

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF102318\  
 Data File : BF110099.D  
 Acq On : 24 Oct 2018 1:11  
 Operator : JU/SJ  
 Sample : J5164-09  
 Misc : MDL 5PPM  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

Manual Integrations  
 APPROVED

Sohil  
 10/24/2018 5:12:18 PM

Quant Time: Oct 24 07:48:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 23 15:06:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 153873   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.25  | 136  | 639970   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 10.00 | 164  | 315338   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.50 | 188  | 610832   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 14.14 | 240  | 511271   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.66 | 264  | 443072   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 1246808 | 131.95 | ng | -0.02 |
| 7) Phenol-d6             | 6.59  | 99  | 1557368 | 128.86 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 914869  | 84.79  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 421364  | 134.90 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 9.32  | 172 | 1707683 | 85.04  | ng | -0.02 |
| 79) Terphenyl-d14        | 13.09 | 244 | 1767547 | 71.90  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.83 | 88  | 21179  | 4.278 | ng | 94     |
| 3) Pyridine                    | 3.66 | 79  | 54896  | 4.979 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.55 | 42  | 25055  | 5.424 | ng | # 92   |
| 6) Aniline                     | 6.63 | 93  | 70897  | 4.503 | ng | # 53   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 58502  | 5.370 | ng | 96     |
| 9) Benzaldehyde                | 6.52 | 77  | 40012  | 3.907 | ng | 95     |
| 10) Phenol                     | 6.60 | 94  | 65793  | 5.093 | ng | # 60   |
| 11) bis(2-Chloroethyl)ether    | 6.69 | 93  | 54835  | 5.159 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 62821  | 5.240 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 65171  | 5.375 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 59734  | 5.307 | ng | 100    |
| 15) Benzyl Alcohol             | 7.10 | 79  | 54689m | 5.883 | ng |        |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 90891  | 5.348 | ng | 67     |
| 17) 2-Methylphenol             | 7.20 | 107 | 46146  | 5.315 | ng | # 82   |
| 18) Hexachloroethane           | 7.47 | 117 | 22659  | 5.104 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 39548  | 5.101 | ng | # 92   |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 60772  | 5.415 | ng | # 86   |
| 22) Acetophenone               | 7.36 | 105 | 84632  | 5.739 | ng | 96     |
| 24) Nitrobenzene               | 7.54 | 77  | 63330  | 5.685 | ng | 98     |
| 25) Isophorone                 | 7.77 | 82  | 111492 | 6.062 | ng | 94     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 24939  | 4.705 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 52764  | 6.004 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 69586  | 5.569 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.09 | 162 | 45821  | 5.161 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180 | 53150  | 5.344 | ng | 91     |
| 31) Naphthalene                | 8.27 | 128 | 179456 | 6.084 | ng | 98     |
| 32) Benzoic acid               | 7.94 | 122 | 19051  | 2.805 | ng | # 80   |
| 33) 4-Chloroaniline            | 8.32 | 127 | 56494  | 4.256 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.38 | 225 | 29058  | 5.262 | ng | 99     |
| 35) Caprolactam                | 8.65 | 113 | 14652  | 4.734 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 51360  | 5.349 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 125039 | 6.407 | ng | 97     |
| 38) 1-Methylnaphthalene        | 9.06 | 142 | 115551 | 6.127 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 51449  | 5.236 | ng | 97     |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.11  | 237  | 25136    | 5.003 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.23  | 196  | 30664    | 4.839 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 35851    | 5.352 | ng    | 92       |
| 46) 1,1'-Biphenyl              | 9.42  | 154  | 157634   | 5.528 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.45  | 162  | 115251   | 5.510 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.54  | 65   | 32471    | 5.123 | ng    | 98       |
| 49) Acenaphthylene             | 9.86  | 152  | 182398   | 6.037 | ng    | 98       |
| 50) Dimethylphthalate          | 9.71  | 163  | 132855   | 5.707 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.78  | 165  | 26457    | 5.277 | ng    | 93       |
| 52) Acenaphthene               | 10.04 | 154  | 115884   | 5.798 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 27115    | 4.547 | ng    | 90       |
| 54) 2,4-Dinitrophenol          | 10.06 | 184  | 5487     | 7.754 | ng    | 95       |
| 55) Dibenzofuran               | 10.21 | 168  | 164400   | 5.875 | ng    | 94       |
| 56) 4-Nitrophenol              | 10.10 | 139  | 22208    | 5.032 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 33550    | 5.268 | ng    | # 81     |
| 58) Fluorene                   | 10.55 | 166  | 127299   | 6.112 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 29397    | 5.384 | ng    | 93       |
| 60) Diethylphthalate           | 10.42 | 149  | 127186   | 5.597 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.55 | 204  | 61630    | 5.610 | ng    | 94       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 30033    | 5.064 | ng    | 88       |
| 63) Azobenzene                 | 10.70 | 77   | 129681   | 5.750 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.59 | 198  | 9225     | 3.306 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.66 | 169  | 111782   | 5.579 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 11.04 | 248  | 36778    | 5.551 | ng    | 92       |
| 68) Hexachlorobenzene          | 11.10 | 284  | 37676    | 5.359 | ng    | 97       |
| 69) Atrazine                   | 11.18 | 200  | 35304    | 5.576 | ng    | 99       |
| 70) Pentachlorophenol          | 11.30 | 266  | 12739    | 3.108 | ng    | 90       |
| 71) Phenanthrene               | 11.52 | 178  | 197740   | 6.187 | ng    | 98       |
| 72) Anthracene                 | 11.57 | 178  | 202962   | 6.335 | ng    | 98       |
| 73) Carbazole                  | 11.73 | 167  | 175998   | 5.627 | ng    | 97       |
| 74) Di-n-butylphthalate        | 12.05 | 149  | 201104   | 5.693 | ng    | 99       |
| 75) Fluoranthene               | 12.71 | 202  | 196772   | 6.066 | ng    | 100      |
| 77) Benzidine                  | 12.83 | 184  | 51548m   | 2.430 | ng    |          |
| 78) Pyrene                     | 12.95 | 202  | 203623   | 5.555 | ng    | 96       |
| 80) Butylbenzylphthalate       | 13.55 | 149  | 79324    | 4.986 | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.13 | 228  | 179129   | 5.908 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 39696    | 3.760 | ng    | 96       |
| 83) Chrysene                   | 14.17 | 228  | 171063   | 5.940 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 113777   | 5.290 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 14.72 | 149  | 175927   | 5.261 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.21 | 276  | 128939   | 5.397 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 15.21 | 252  | 148446   | 5.802 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 148262m  | 5.894 | ng    |          |
| 90) Benzo(a)pyrene             | 15.59 | 252  | 135122   | 5.739 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.23 | 278  | 106718   | 5.253 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 17.68 | 276  | 103111   | 5.151 | ng    | 96       |

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

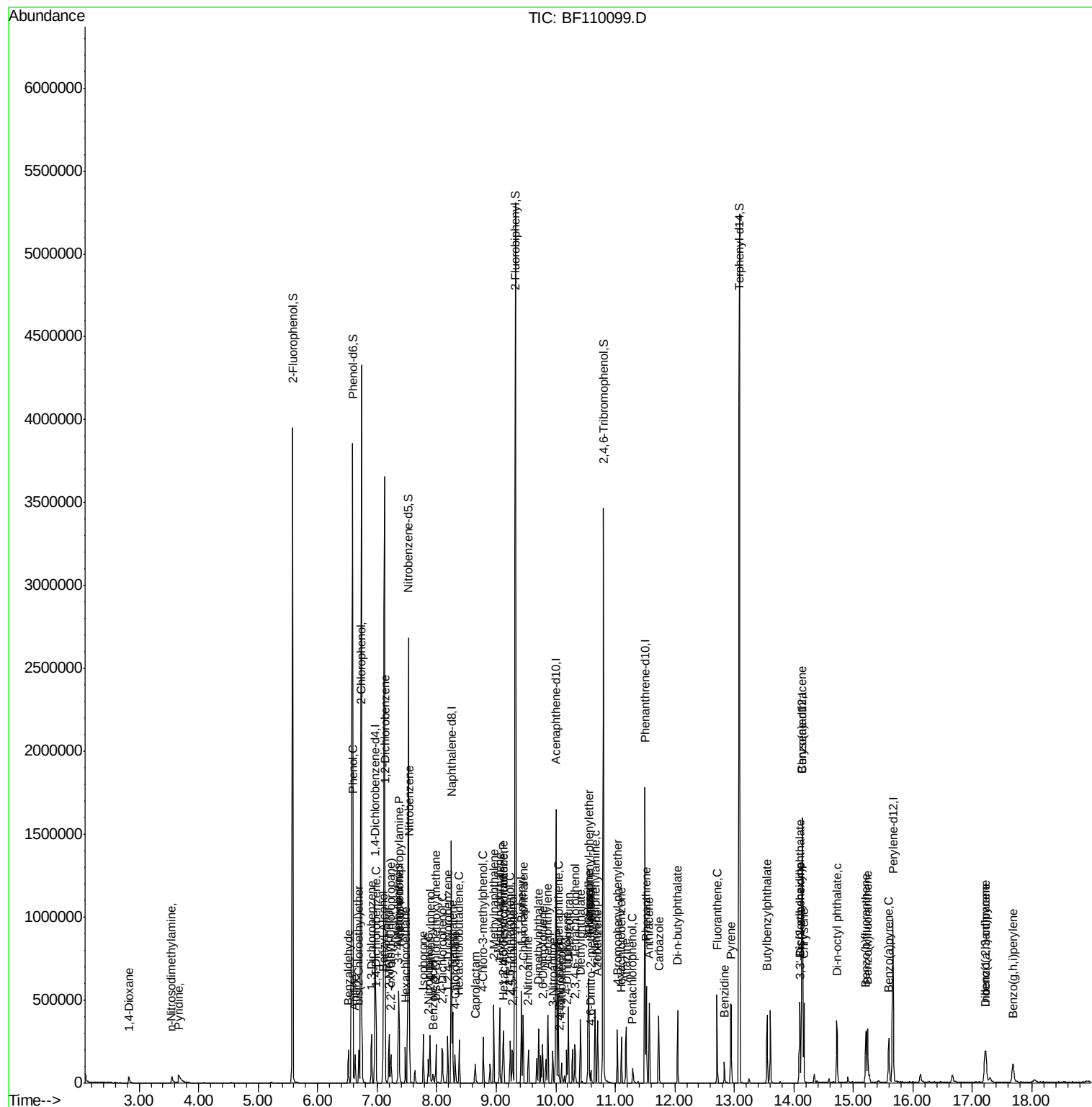
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF102318\  
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ALS Vial : 21 Sample Multiplier: 1

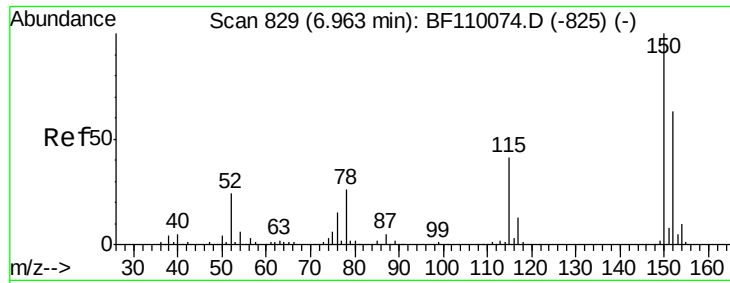
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

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#1

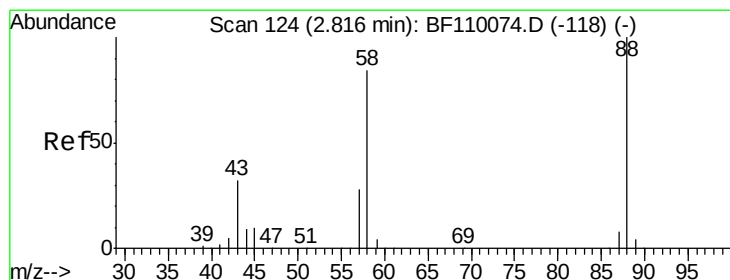
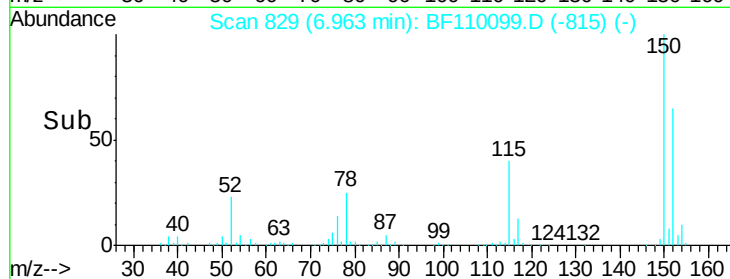
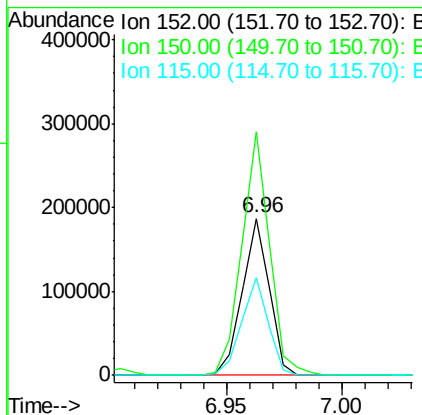
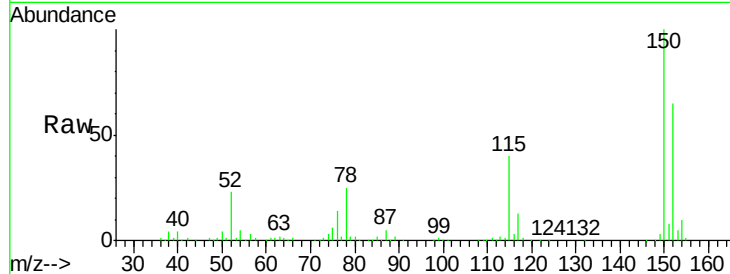
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 829  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 122.7 | 184.1 |
| 115     | 62.3  | 49.1  | 73.7  |

Manual Integrations  
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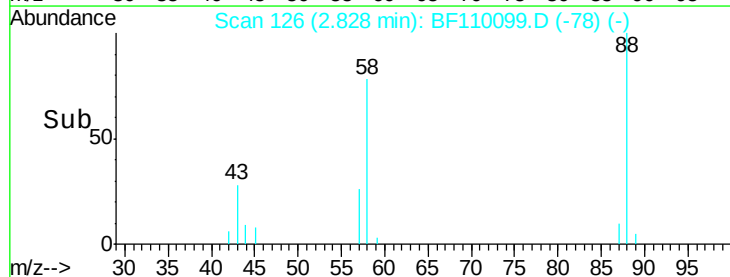
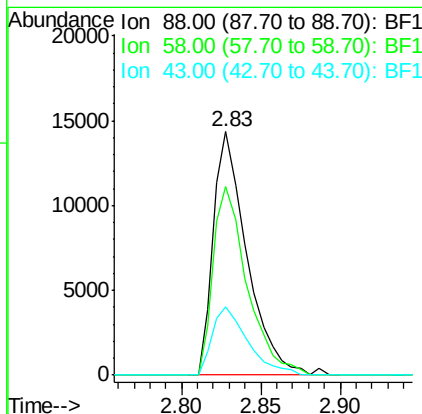
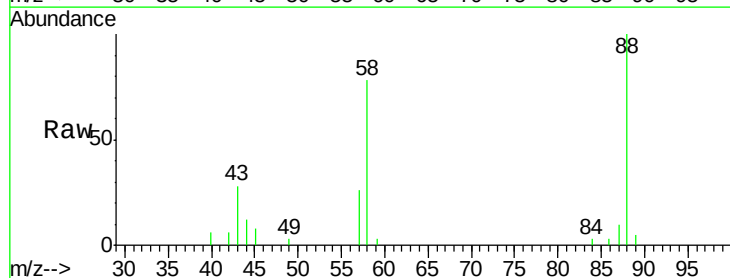
Sohil  
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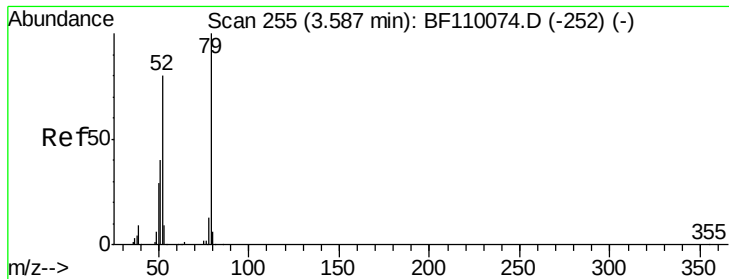


#2

1,4-Dioxane  
Concen: 4.278 ng  
RT: 2.83 min Scan# 126  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.0  | 57.1  | 85.7  |
| 43      | 29.7  | 24.1  | 36.1  |





#3

Pyridine

Concen: 4.979 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

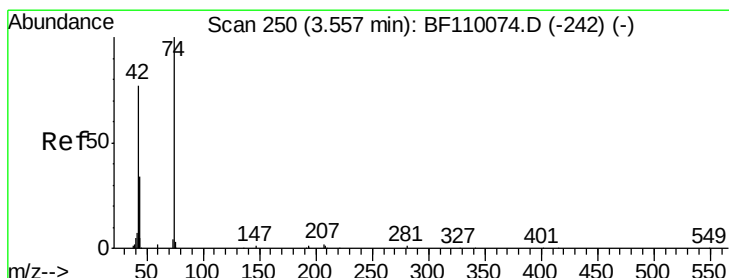
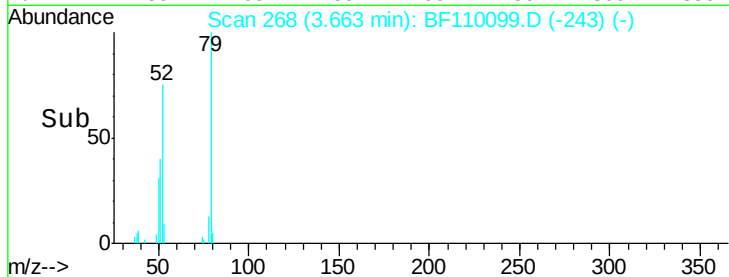
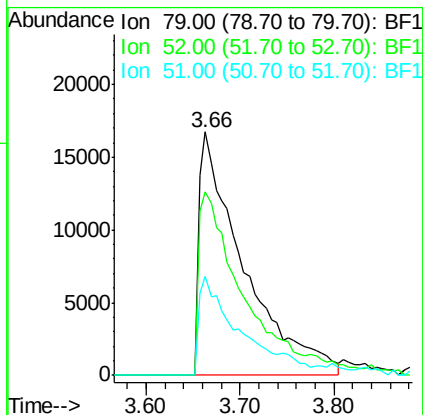
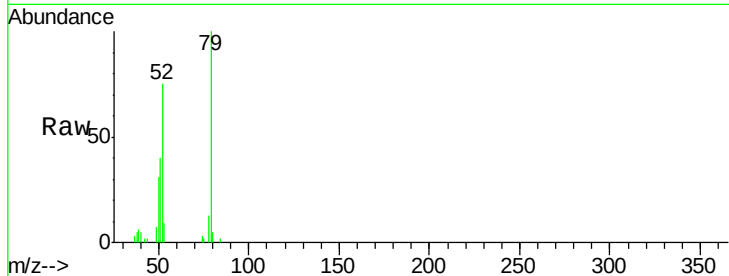
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 54896 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 75.4  | 53.1  | 79.7  |
| 51        | 40.4  | 27.4  | 41.2  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 5.424 ng

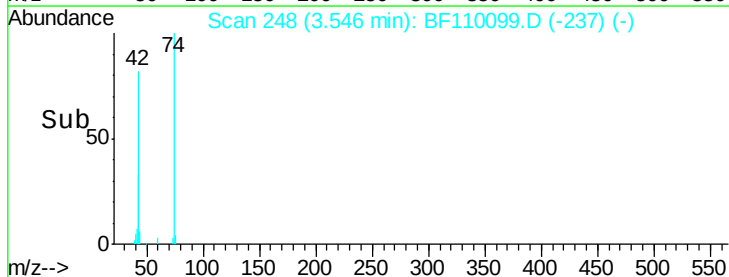
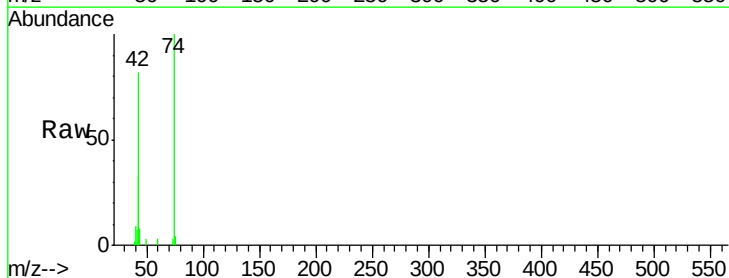
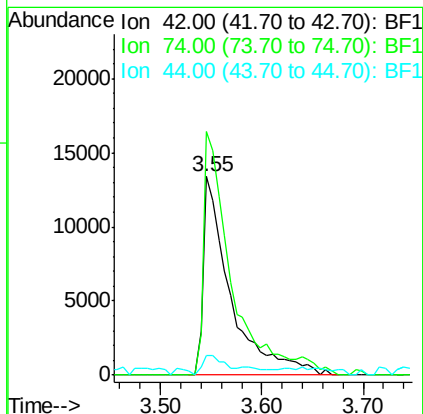
RT: 3.55 min Scan# 248

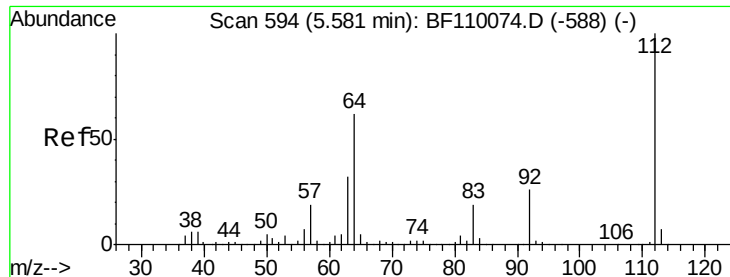
Delta R.T. -0.04 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 25055 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 122.7 | 105.5 | 158.3 |
| 44        | 10.1  | 4.9   | 7.3#  |





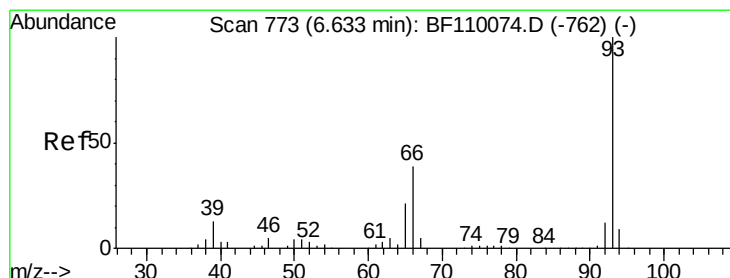
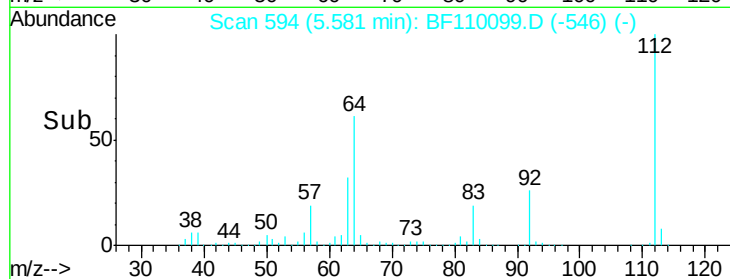
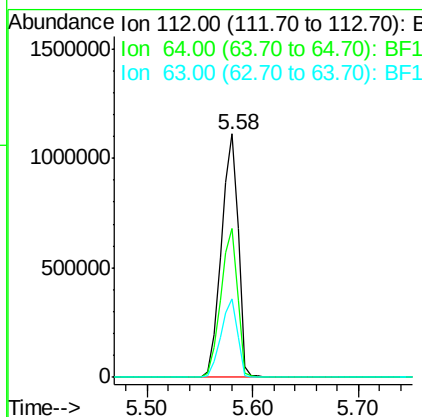
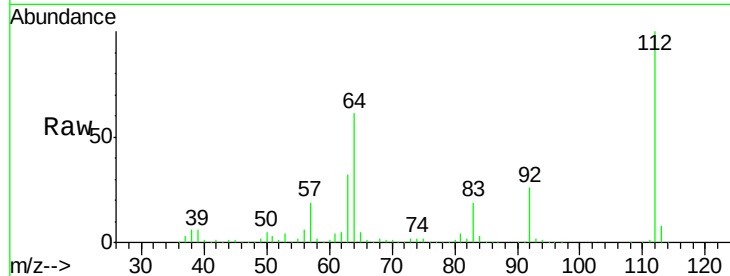
#5  
2-Fluorophenol  
Concen: 131.951 ng  
RT: 5.58 min Scan# 594  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
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Tgt Ion: 112 Resp: 1246808  
Ion Ratio Lower Upper  
112 100  
64 61.2 44.1 66.1  
63 32.1 23.7 35.5

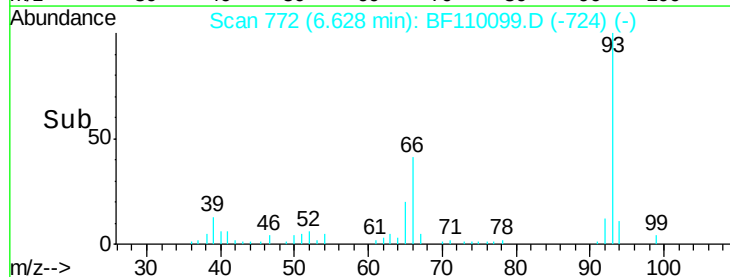
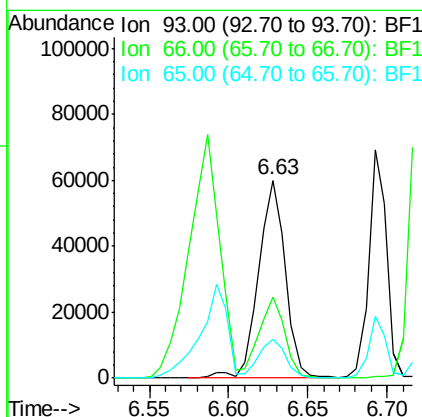
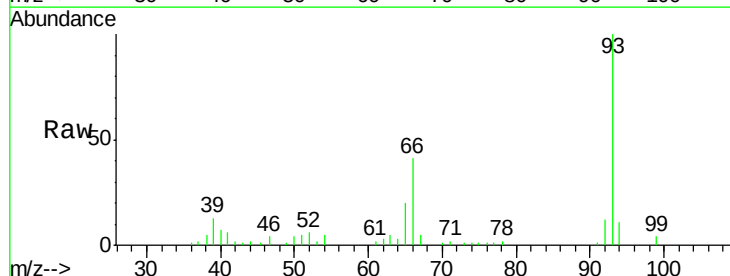
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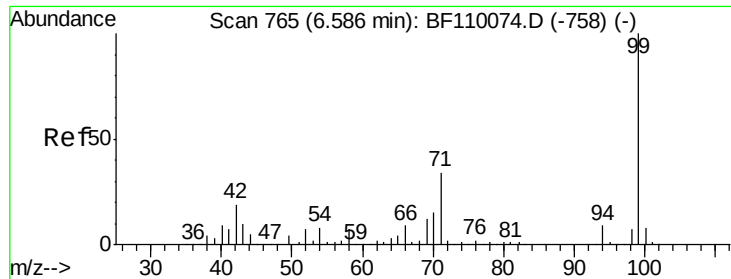
Sohil  
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#6  
Aniline  
Concen: 4.503 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Tgt Ion: 93 Resp: 70897  
Ion Ratio Lower Upper  
93 100  
66 41.0 67.4 101.0#  
65 19.8 41.0 61.4#





#7

Phenol-d6

Concen: 128.857 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 99 Resp: 1557368

Ion Ratio Lower Upper

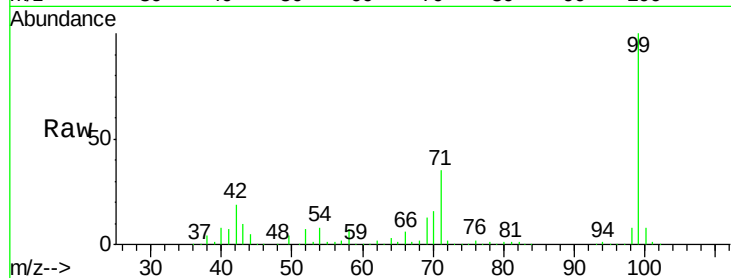
99 100

42 19.2 15.8 23.6

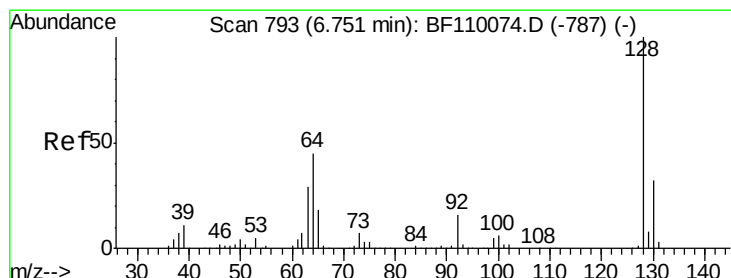
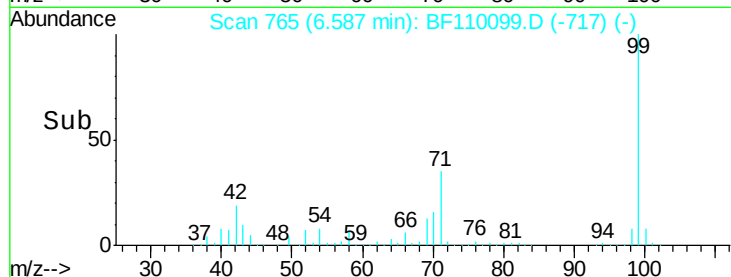
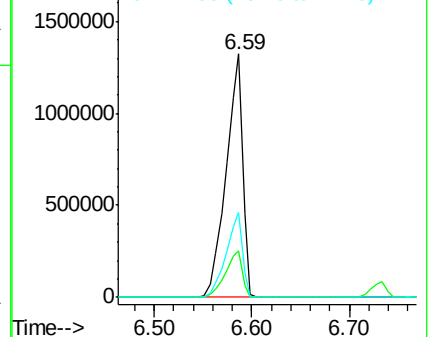
71 34.8 28.0 42.0

Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 5.370 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

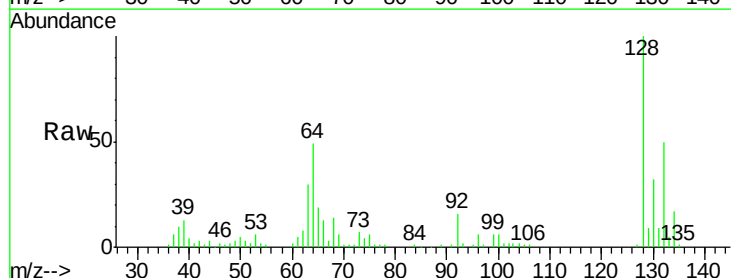
Tgt Ion: 128 Resp: 58502

Ion Ratio Lower Upper

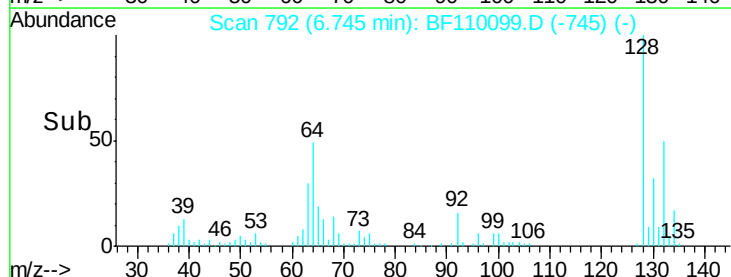
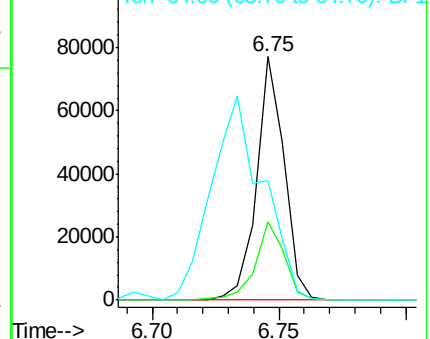
128 100

130 32.1 13.1 53.1

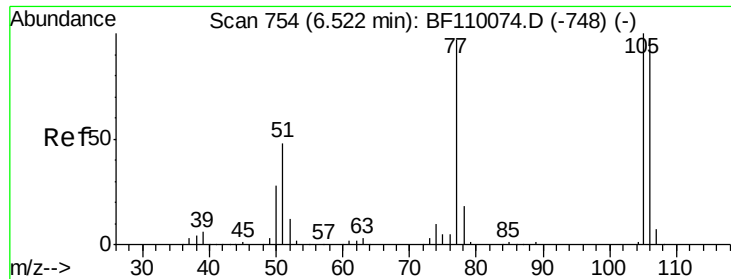
64 49.3 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 3.907 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

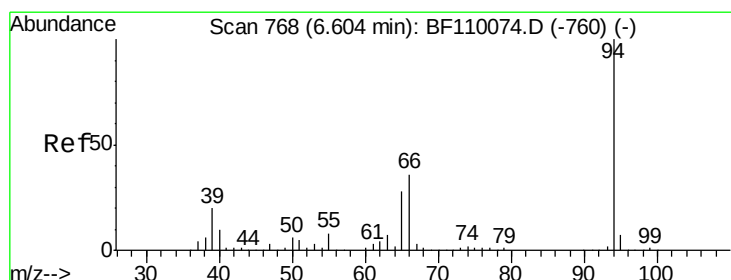
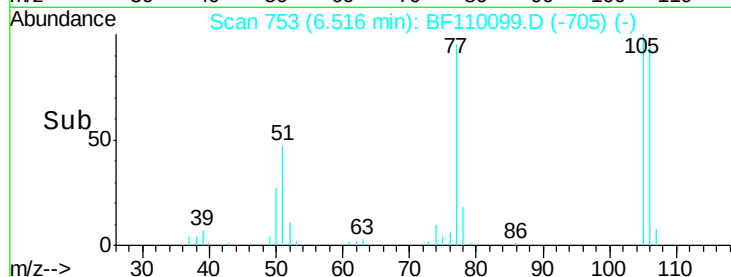
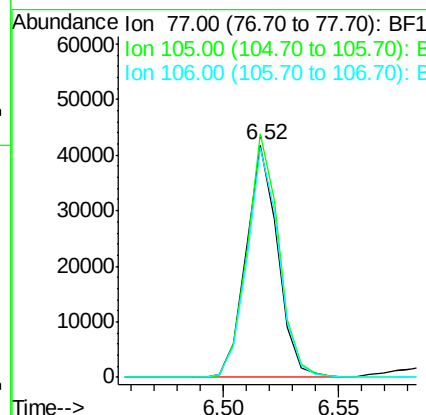
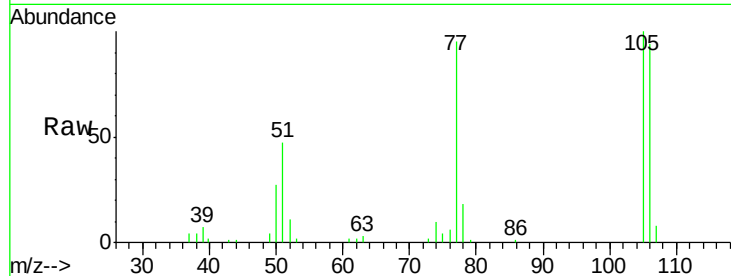
ClientSampleId :

MDL-WATER-03-QT4-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 40012 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 104.7 | 78.6  | 118.6 |
| 106      | 98.7  | 74.8  | 114.8 |

Manual Integrations  
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#10

Phenol

Concen: 5.093 ng

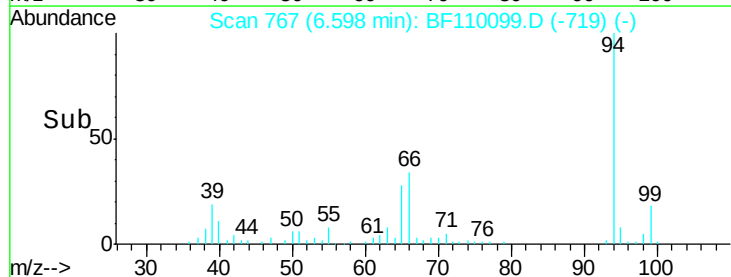
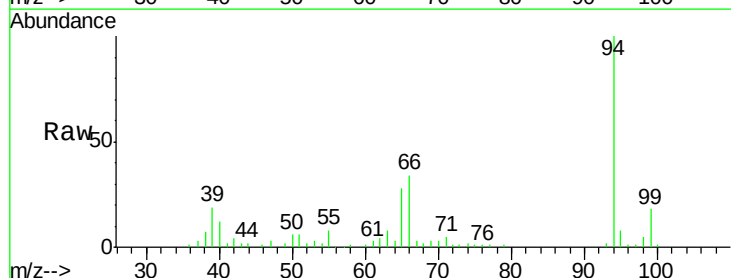
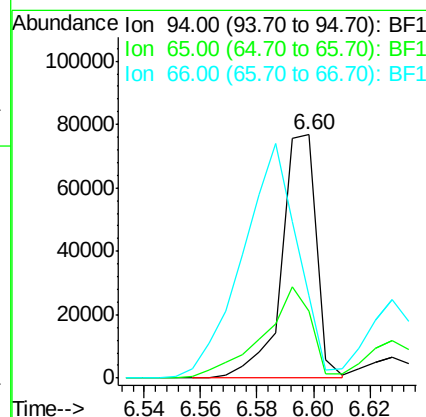
RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

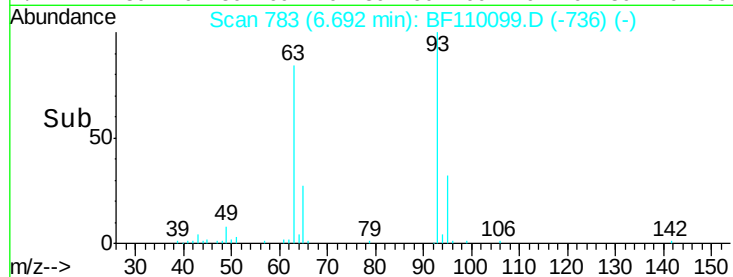
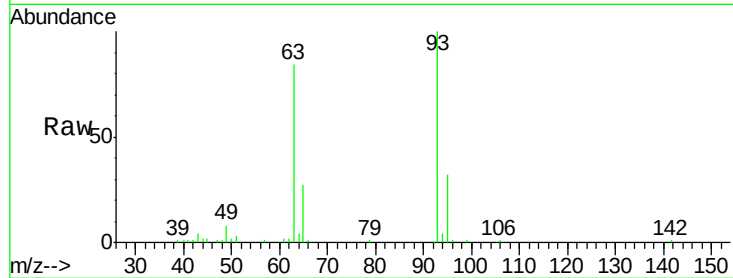
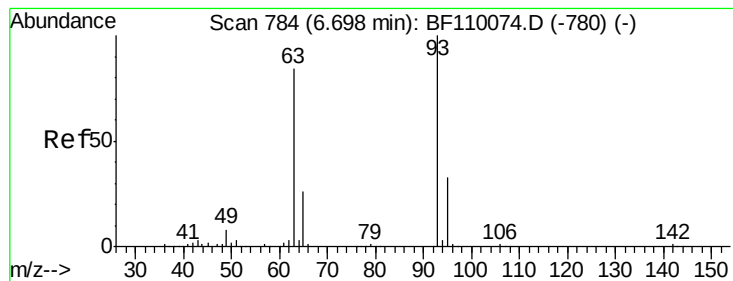
Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 65793 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 27.7  | 25.3  | 65.3  |
| 66       | 33.8  | 54.5  | 94.5# |







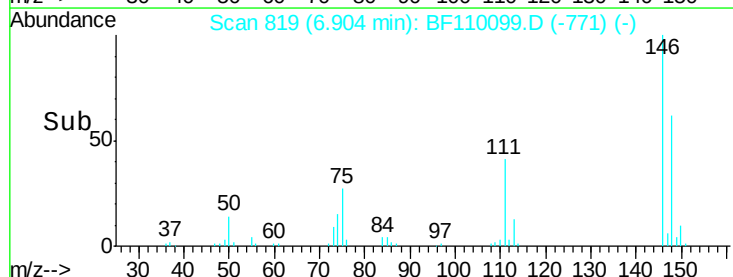
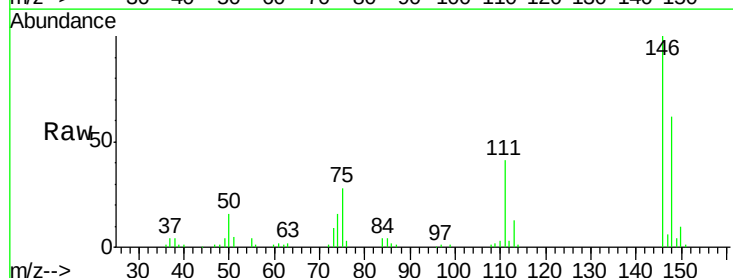
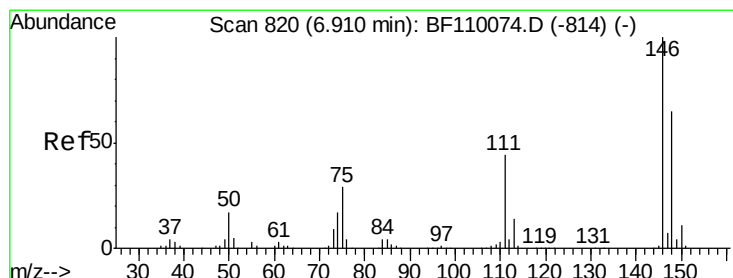
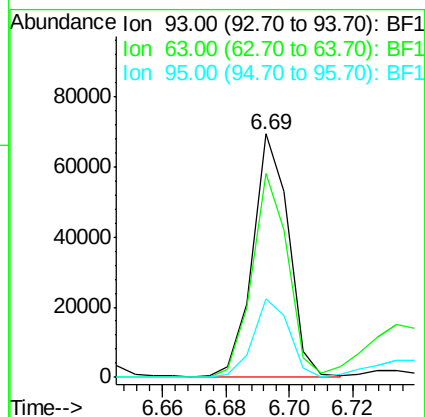
#11  
bis(2-Chloroethyl)ether  
Concen: 5.159 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.7  | 53.4  | 93.4  |
| 95      | 32.1  | 12.1  | 52.1  |

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

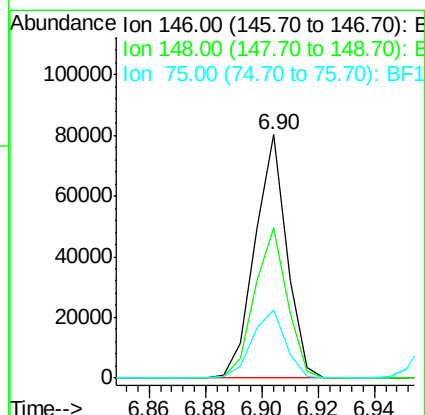
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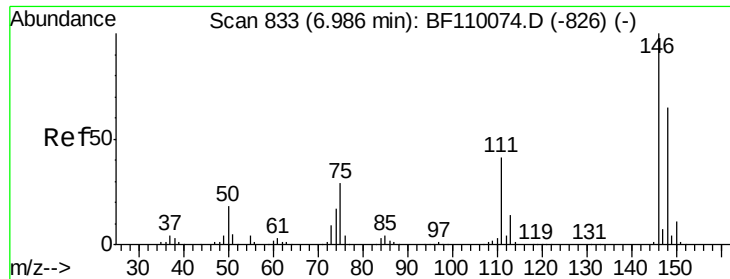
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 5.240 ng  
RT: 6.90 min Scan# 819  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.8  | 50.4  | 75.6  |
| 75      | 27.9  | 25.8  | 38.6  |





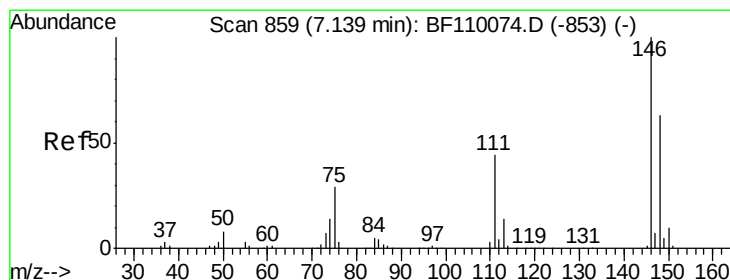
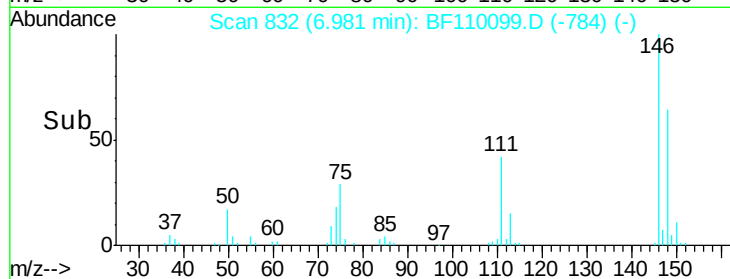
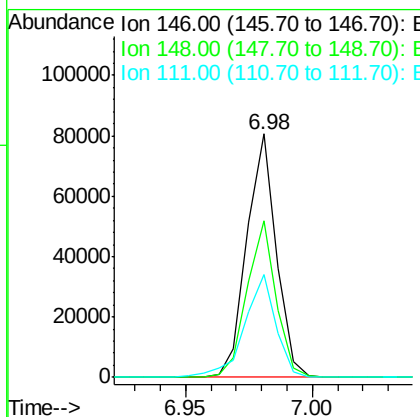
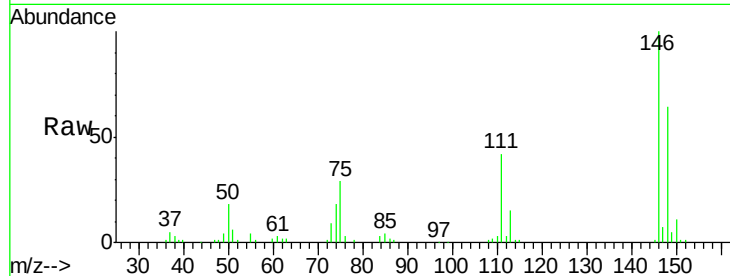
#13  
 1,4-Dichlorobenzene  
 Concen: 5.375 ng  
 RT: 6.98 min Scan# 832  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 50.3  | 75.5  |
| 111     | 42.4  | 32.7  | 49.1  |

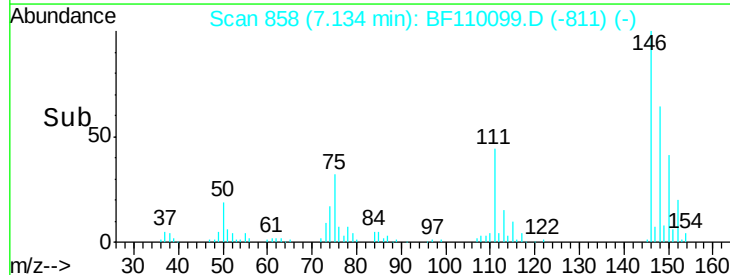
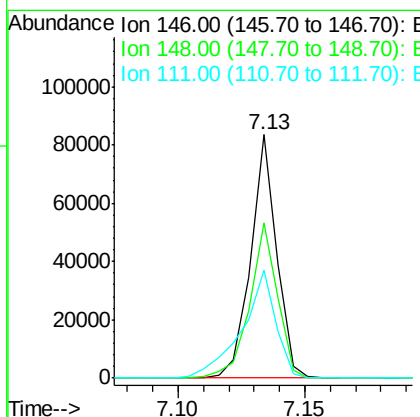
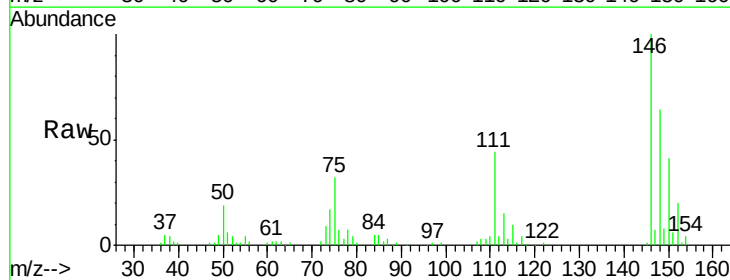
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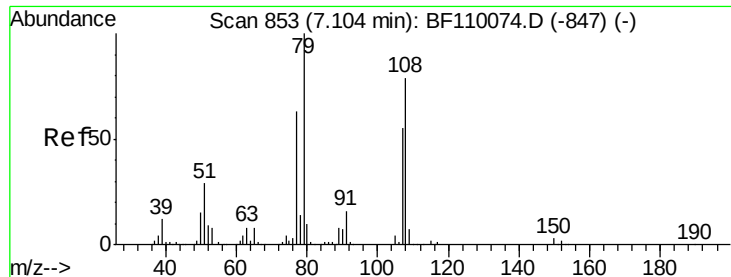
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#14  
 1,2-Dichlorobenzene  
 Concen: 5.307 ng  
 RT: 7.13 min Scan# 858  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.1  | 76.7  |
| 111     | 44.4  | 35.8  | 53.6  |





#15

Benzyl Alcohol

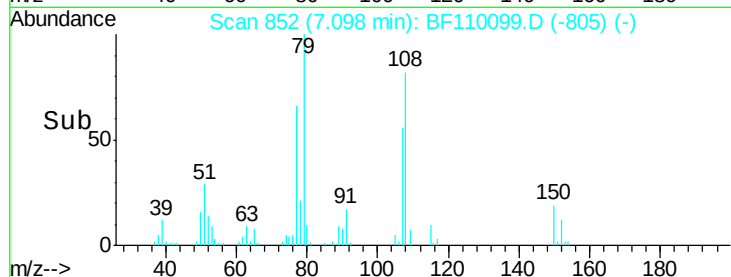
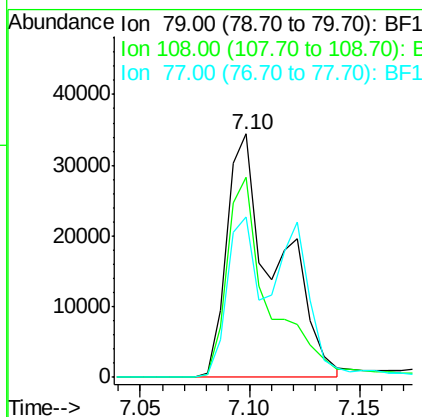
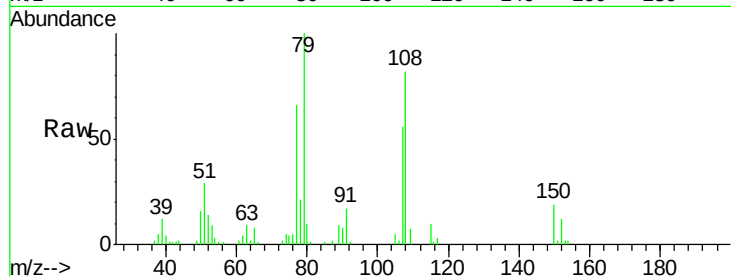
Concen: 5.883 ng m  
RT: 7.10 min Scan# 852  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 79      | 100   | 54689 |       |       |
| 108     | 82.0  | 56.3  | 84.5  |       |
| 77      | 65.8  | 52.9  | 79.3  |       |

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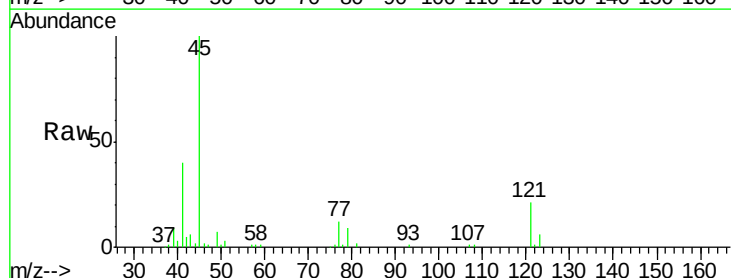
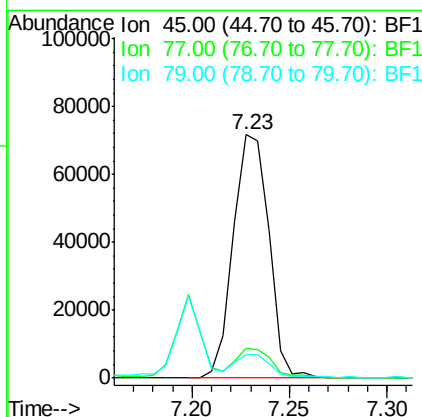
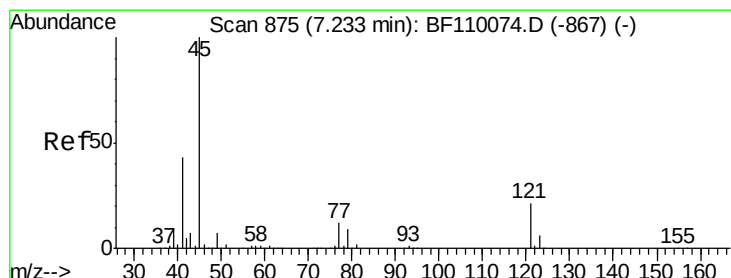


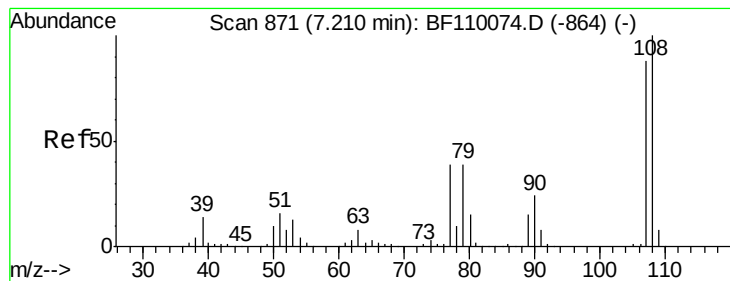
#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.348 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

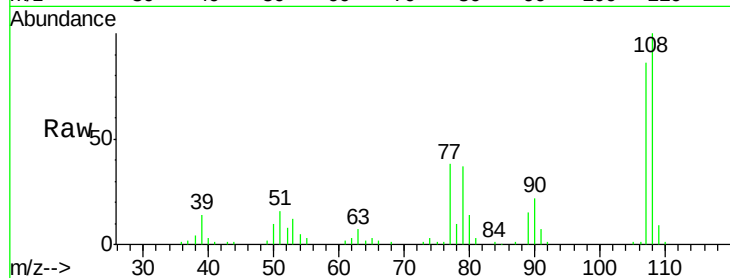
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 45      | 100   | 90891 |       |       |
| 77      | 12.1  | 10.0  | 50.0  |       |
| 79      | 9.5   | 6.1   | 46.1  |       |





#17  
2-Methylphenol  
Concen: 5.315 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

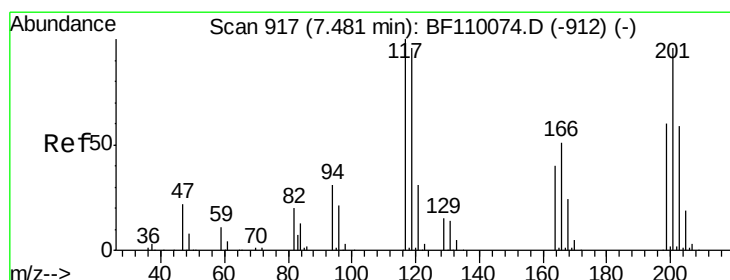
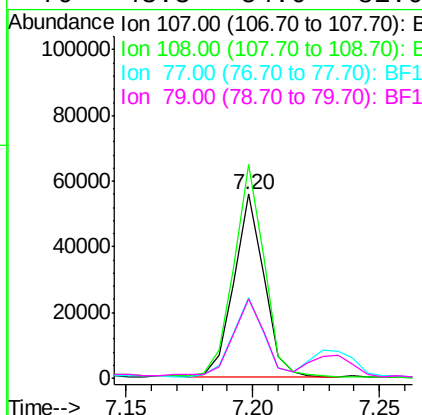
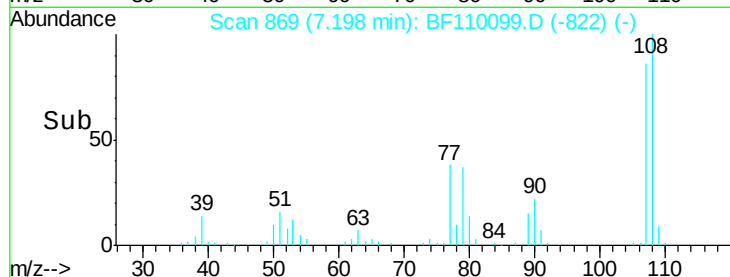
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 116.2 | 92.6       | 138.8      |
| 77      | 44.0  | 59.4       | 89.2#      |
| 79      | 43.3  | 54.0       | 81.0#      |

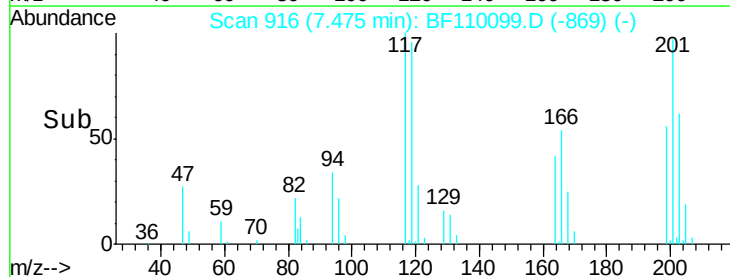
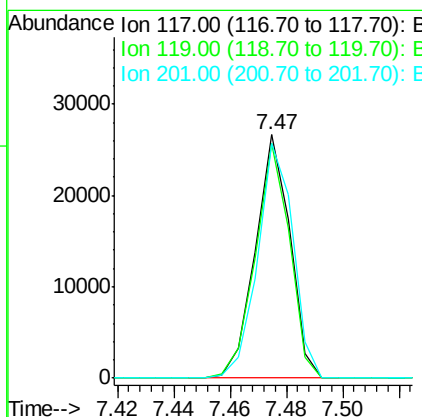
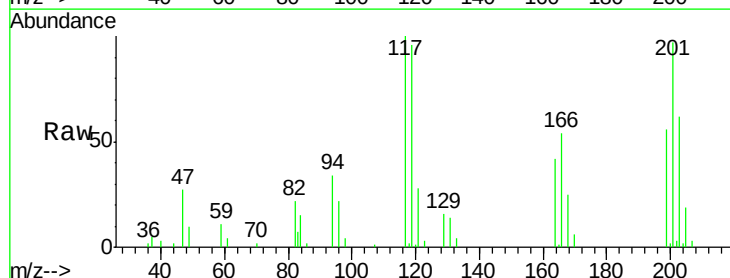
Manual Integrations  
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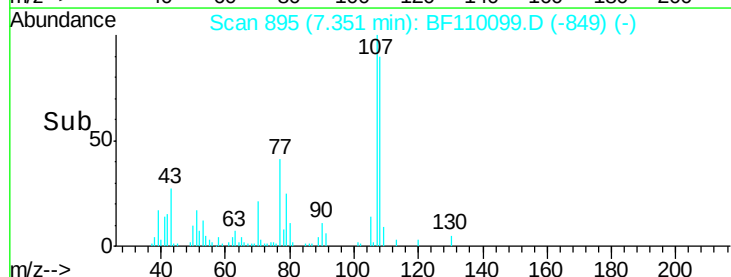
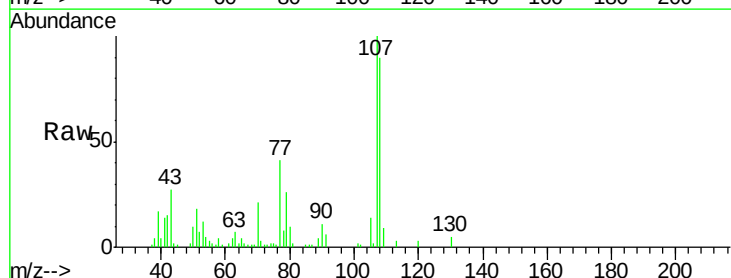
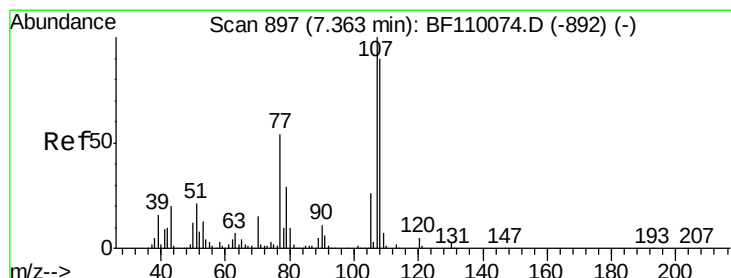
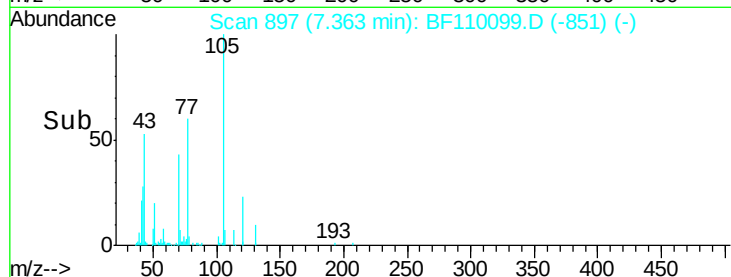
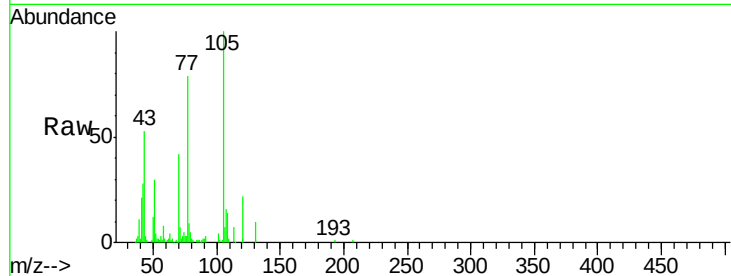
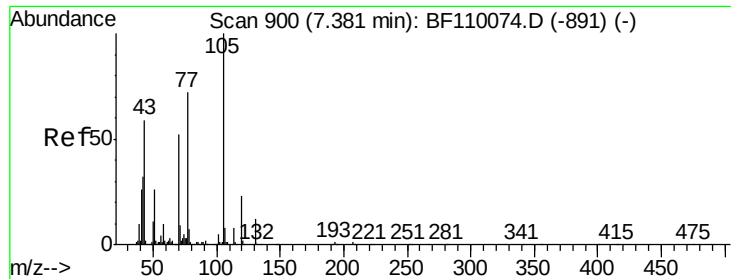
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#18  
Hexachloroethane  
Concen: 5.104 ng  
RT: 7.47 min Scan# 916  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 96.1  | 75.0       | 112.6      |
| 201     | 96.6  | 79.2       | 118.8      |





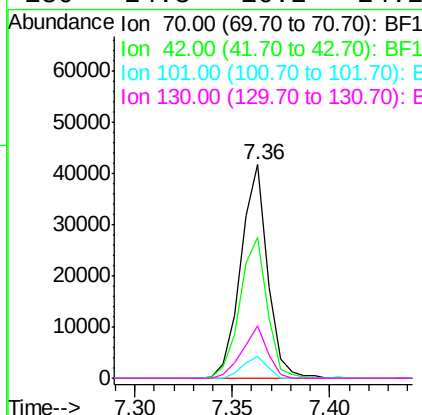
#19  
n-Nitroso-di-n-propylamine  
Concen: 5.101 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 65.9  | 47.4  | 71.2  |
| 101     | 9.9   | 7.3   | 10.9  |
| 130     | 24.3  | 16.2  | 24.2# |

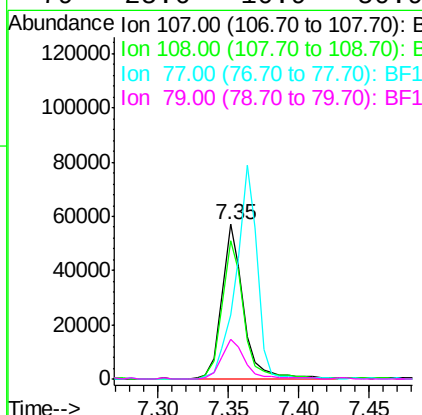
Manual Integrations  
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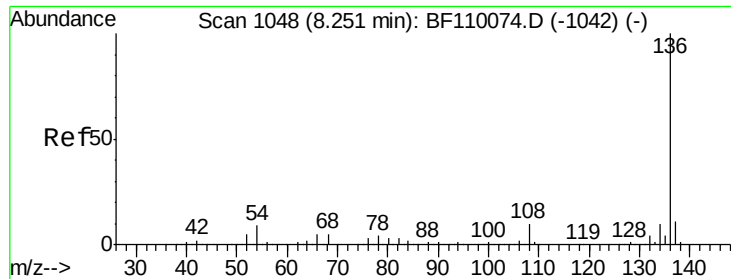
Sohil  
10/24/2018 5:12:18 PM



#20  
3+4-Methylphenols  
Concen: 5.415 ng  
RT: 7.35 min Scan# 895  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.7  | 71.4  | 111.4 |
| 77      | 41.4  | 47.3  | 87.3# |
| 79      | 25.6  | 10.9  | 50.9  |





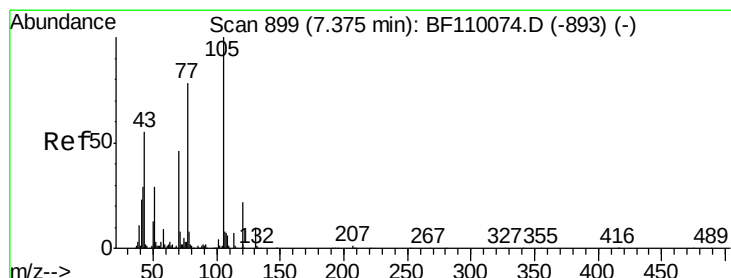
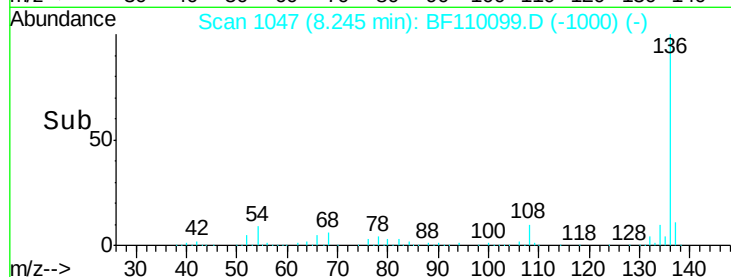
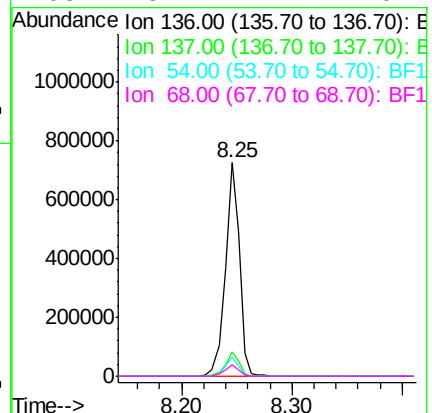
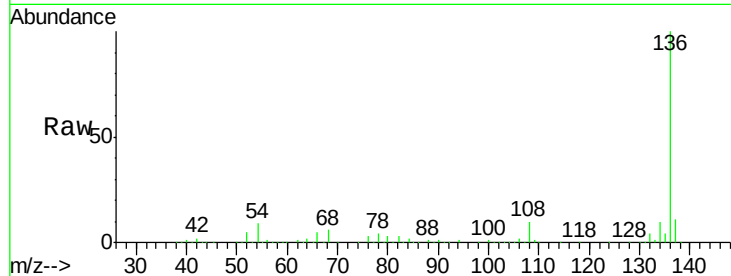
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 639970 |       |       |
| 137     | 11.3  | 8.8    | 13.2  |       |
| 54      | 8.7   | 5.4    | 8.2#  |       |
| 68      | 5.7   | 4.2    | 6.2   |       |

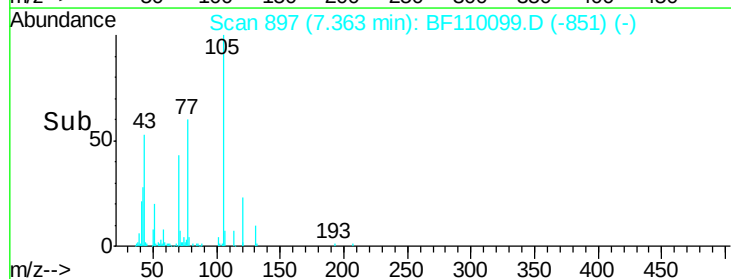
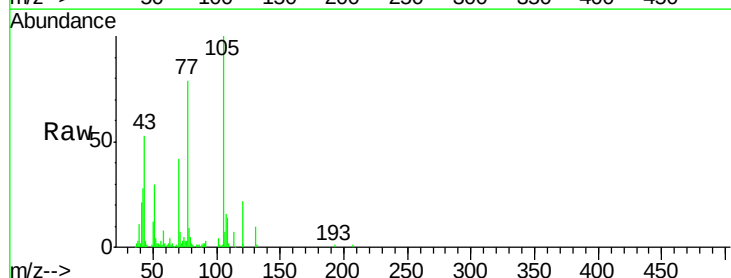
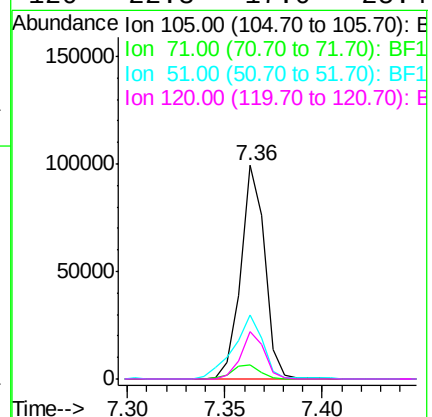
Manual Integrations  
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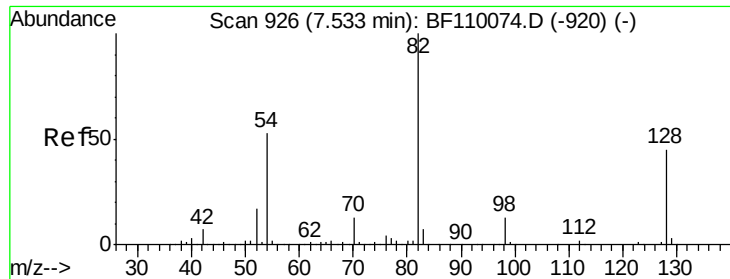
Sohil  
10/24/2018 5:12:18 PM



#22  
Acetophenone  
Concen: 5.739 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 84632 |       |       |
| 71      | 6.9   | 5.2   | 7.8   |       |
| 51      | 30.3  | 21.8  | 32.8  |       |
| 120     | 22.3  | 17.0  | 25.4  |       |





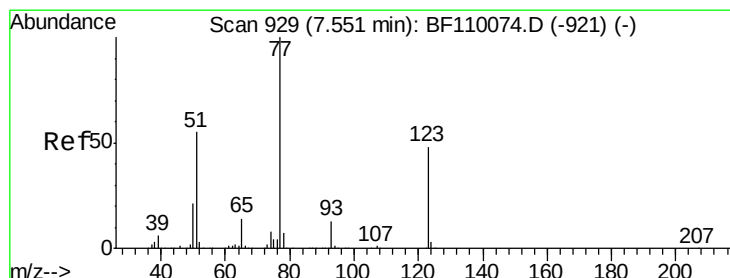
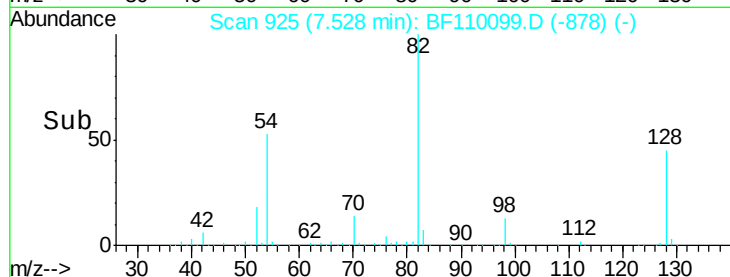
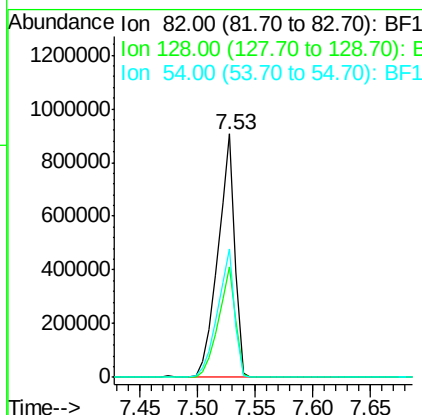
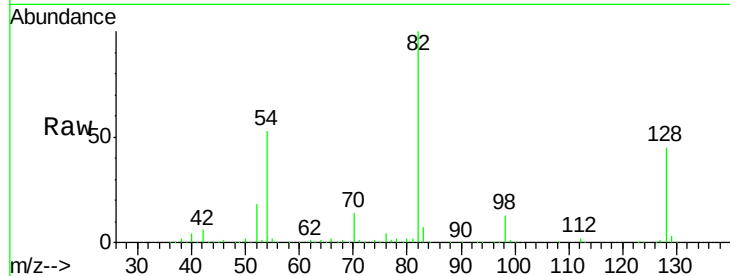
#23  
 Nitrobenzene-d5  
 Concen: 84.791 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 914869 |       |       |
| 128     | 45.3  | 34.2   | 51.2  |       |
| 54      | 52.8  | 38.6   | 58.0  |       |

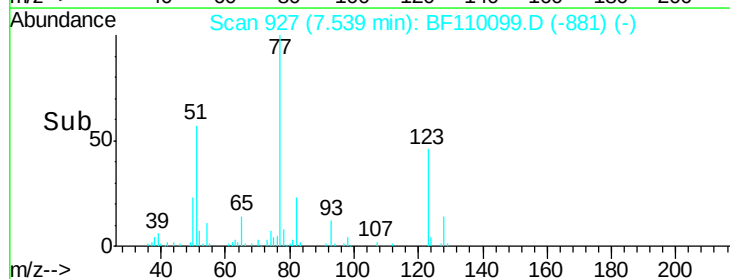
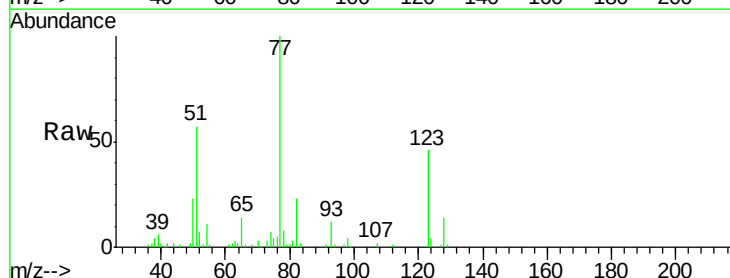
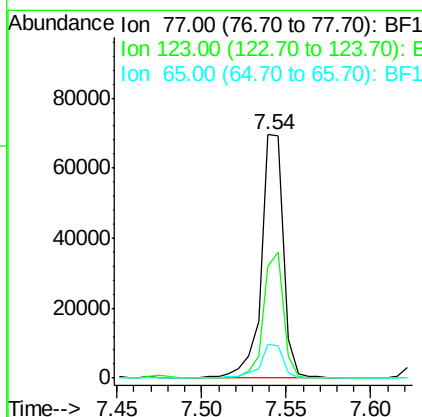
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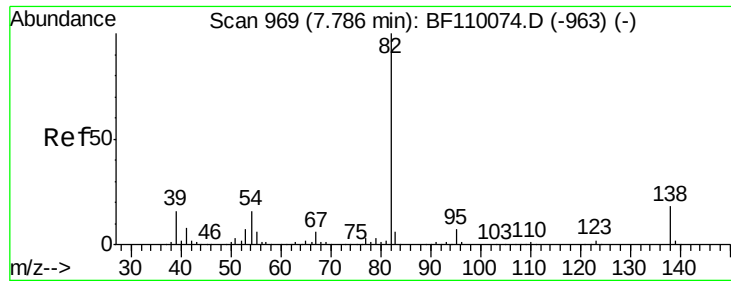


#24  
 Nitrobenzene  
 Concen: 5.685 ng  
 RT: 7.54 min Scan# 927  
 Delta R.T. -0.03 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 63330 |       |       |
| 123     | 46.1  | 35.7  | 53.5  |       |
| 65      | 14.0  | 10.7  | 16.1  |       |







#25

Isophorone

Concen: 6.062 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

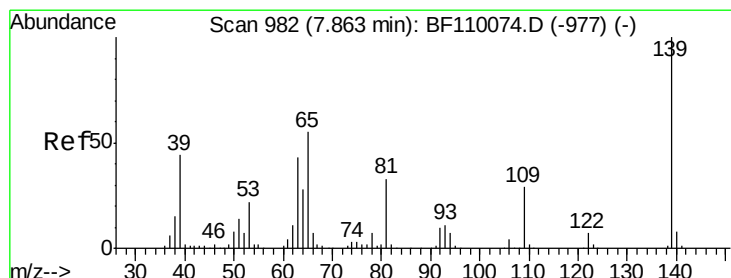
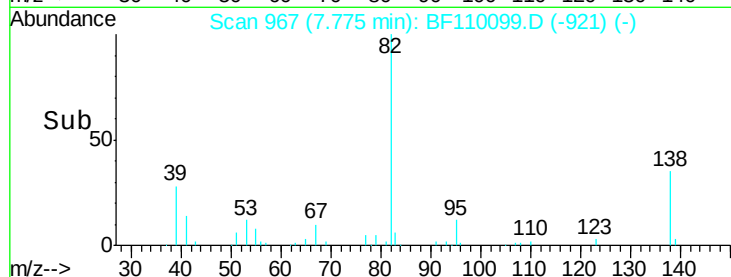
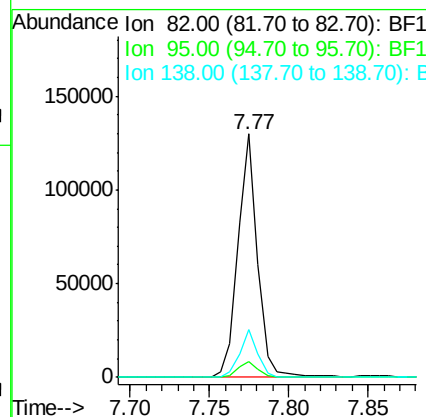
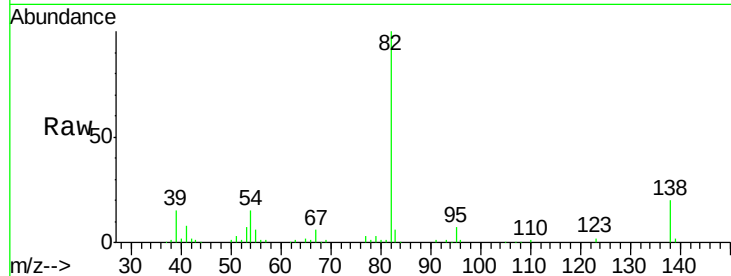
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 111492 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.7   | 8.5    |
| 138       | 19.8  | 13.2  | 19.8   |

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#26

2-Nitrophenol

Concen: 4.705 ng

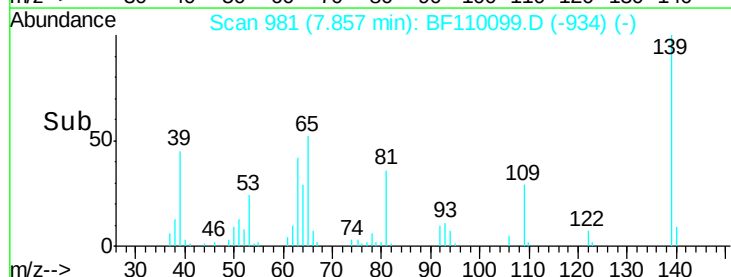
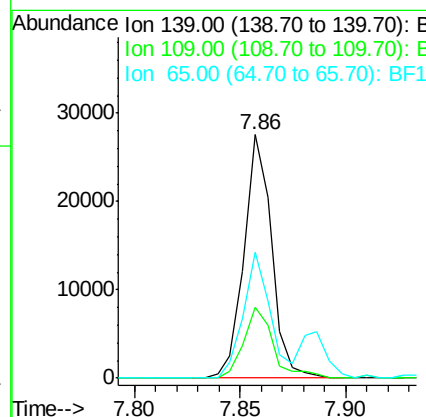
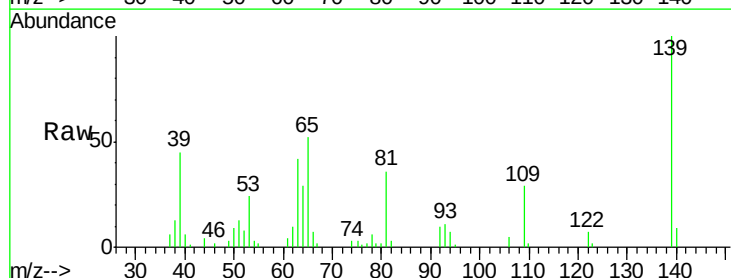
RT: 7.86 min Scan# 981

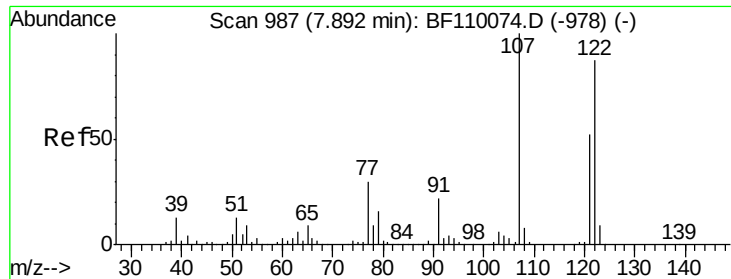
Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 24939 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 29.0  | 25.0  | 37.6  |
| 65        | 51.5  | 44.0  | 66.0  |





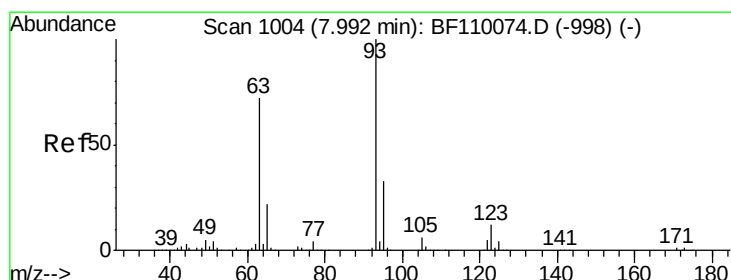
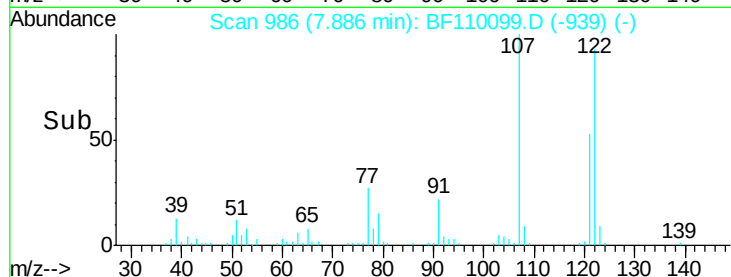
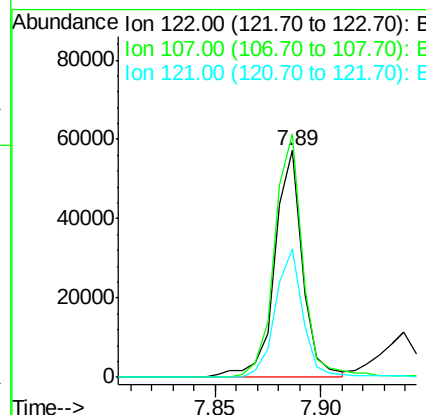
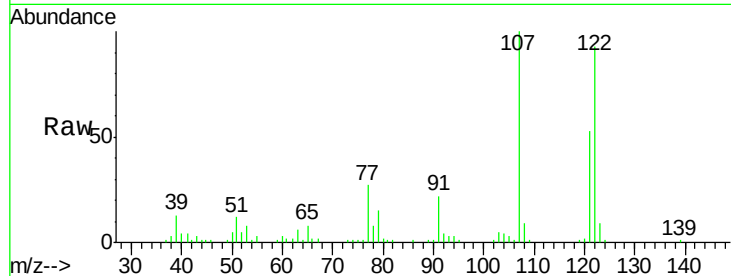
#27  
2,4-Dimethylphenol  
Concen: 6.004 ng  
RT: 7.89 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 52764 |       |       |
| 107     | 107.4 | 92.5  | 138.7 |       |
| 121     | 56.5  | 45.8  | 68.8  |       |

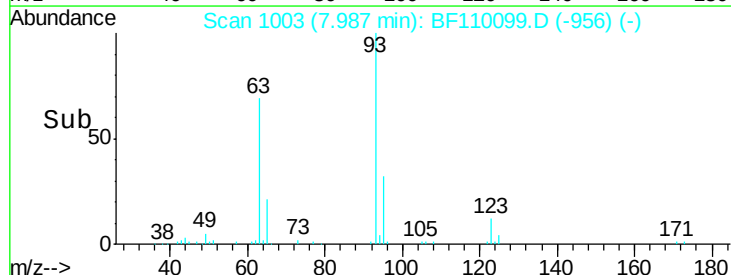
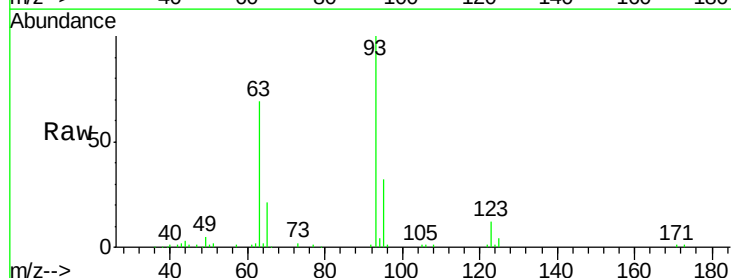
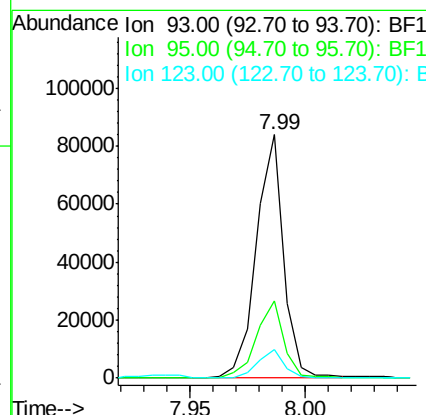
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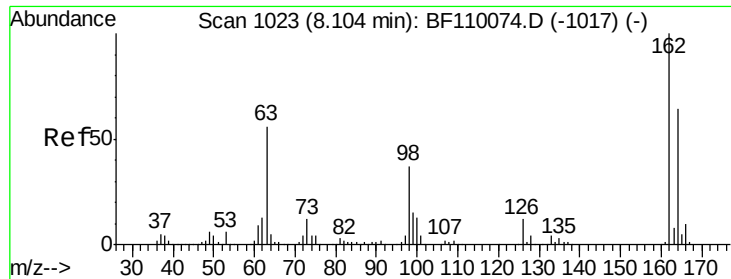
Sohil  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 5.569 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 69586 |       |       |
| 95      | 31.9  | 26.4  | 39.6  |       |
| 123     | 11.6  | 9.0   | 13.6  |       |





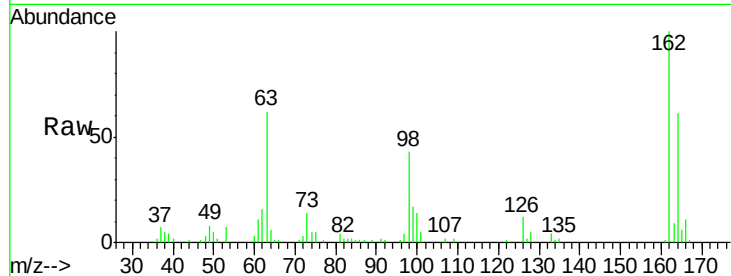
#29  
2,4-Dichlorophenol  
Concen: 5.161 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

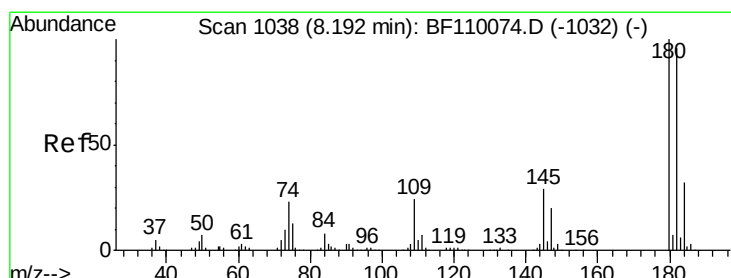
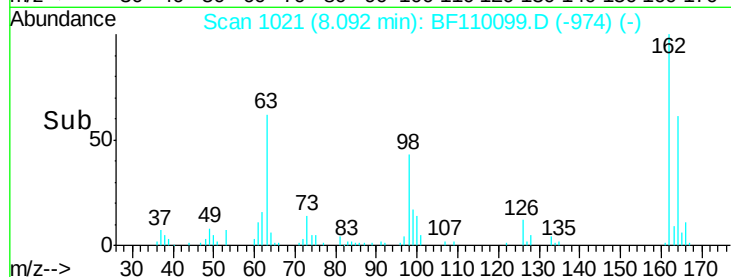
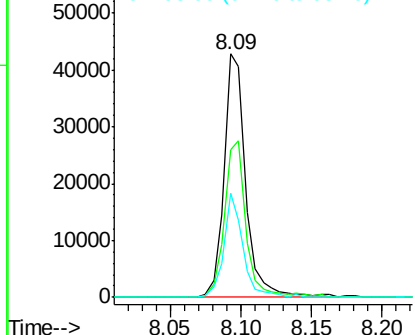
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 60.9  | 44.6       | 84.6       |
| 98      | 42.5  | 17.4       | 57.4       |

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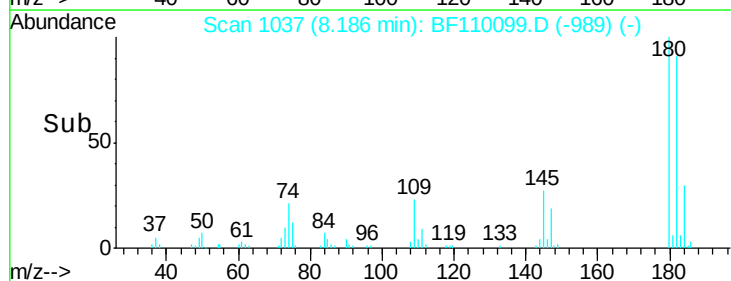
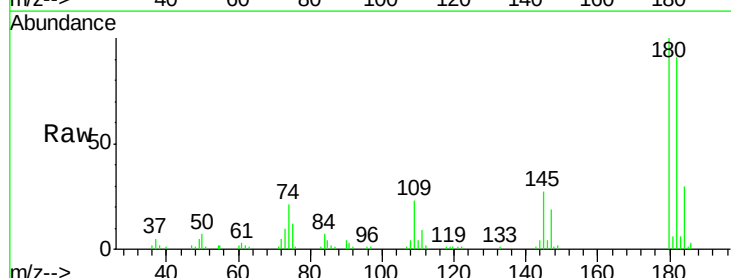
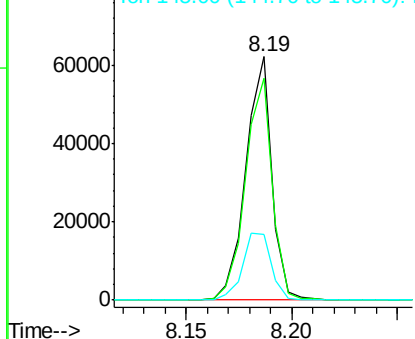
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

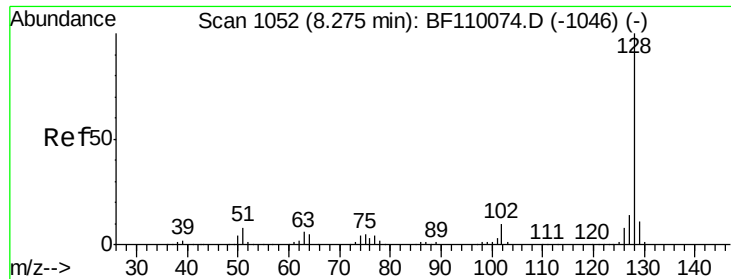


#30  
1,2,4-Trichlorobenzene  
Concen: 5.344 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 91.0  | 80.3       | 120.5      |
| 145     | 27.1  | 25.4       | 38.0       |

Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





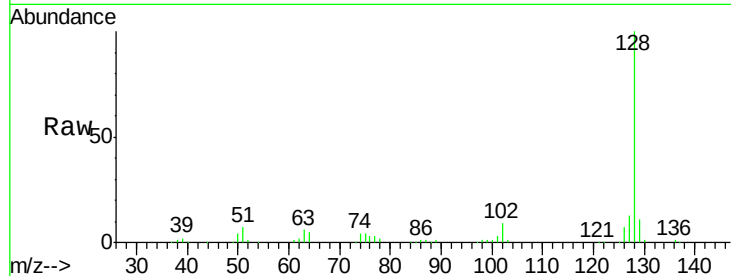
#31  
Naphthalene  
Concen: 6.084 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

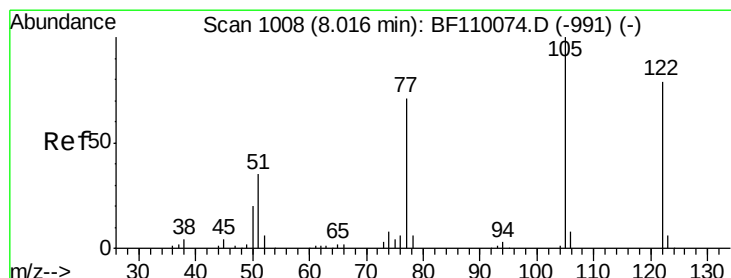
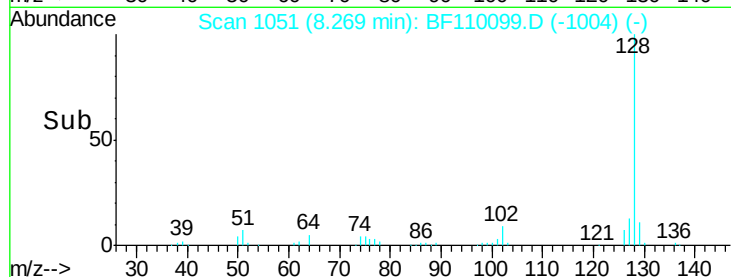
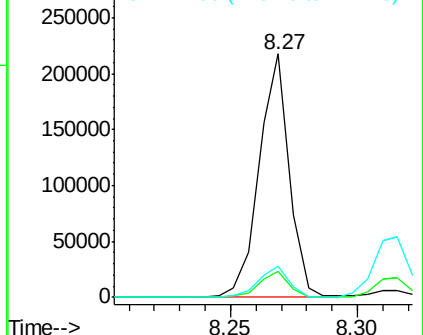
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 10.6  | 8.8        | 13.2       |
| 127     | 12.6  | 10.8       | 16.2       |

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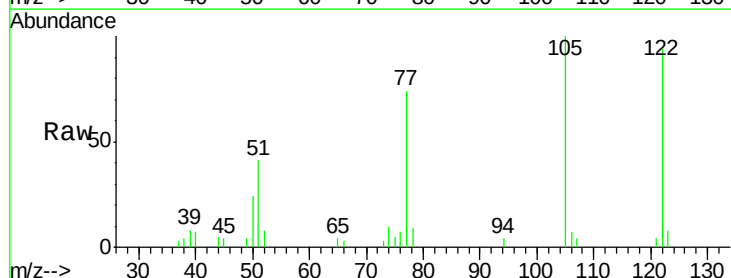


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

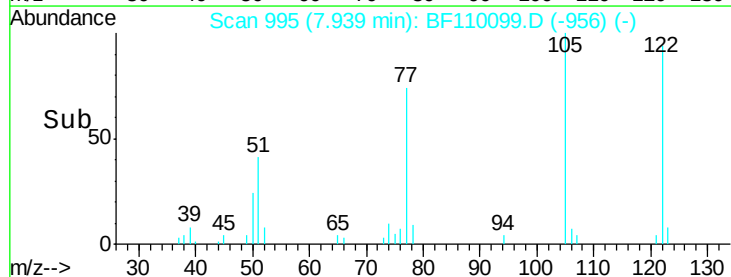
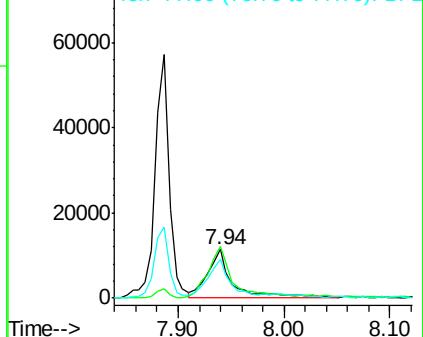


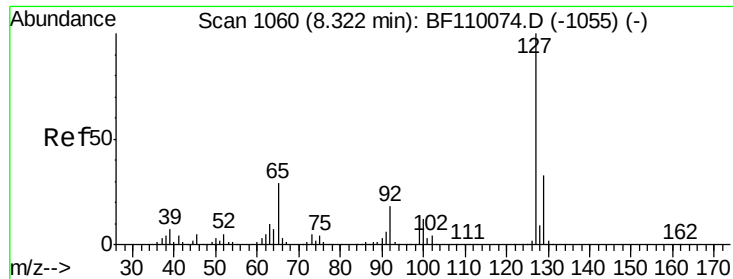
#32  
Benzoic acid  
Concen: 2.805 ng  
RT: 7.94 min Scan# 995  
Delta R.T. -0.07 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 106.0 | 109.0      | 149.0#     |
| 77      | 78.7  | 79.0       | 119.0#     |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





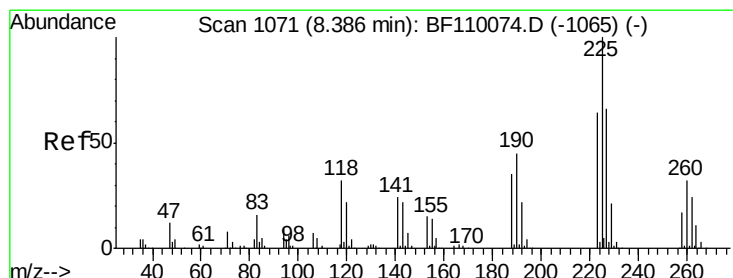
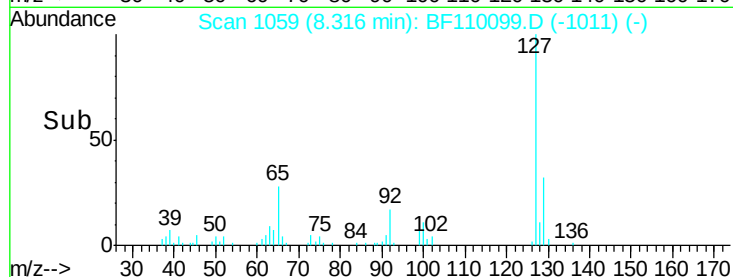
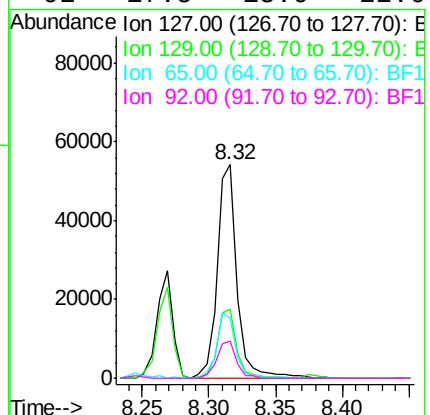
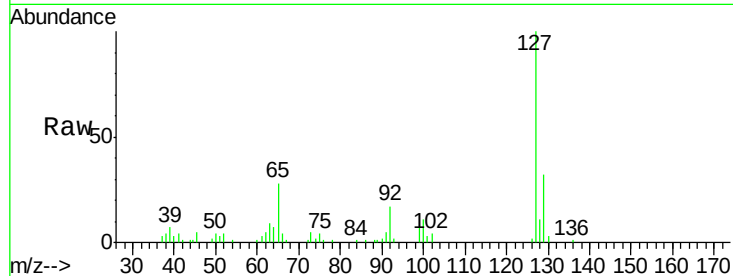
#33  
4-Chloroaniline  
Concen: 4.256 ng  
RT: 8.32 min Scan# 1059  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 56494 |       |       |
| 129     | 32.4  | 26.0  | 39.0  |       |
| 65      | 27.9  | 25.1  | 37.7  |       |
| 92      | 17.5  | 15.0  | 22.6  |       |

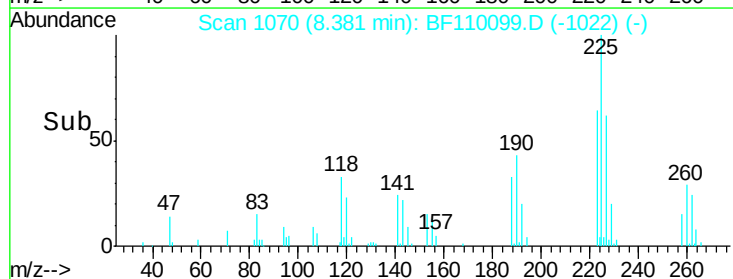
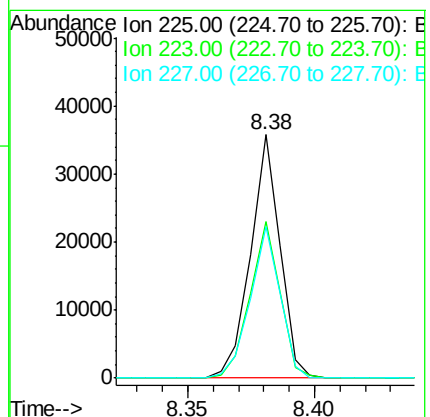
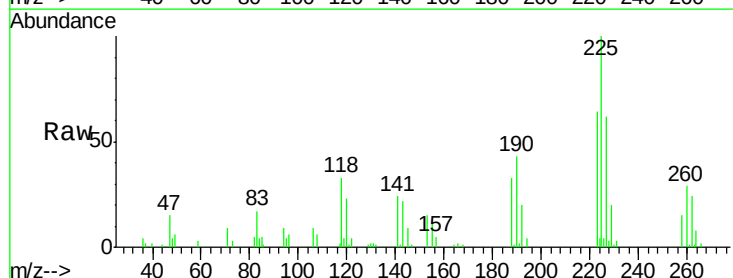
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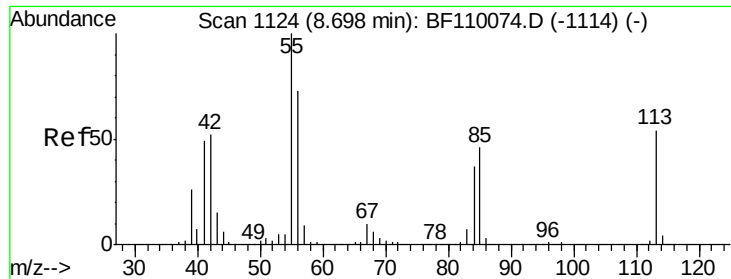
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#34  
Hexachlorobutadiene  
Concen: 5.262 ng  
RT: 8.38 min Scan# 1070  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 29058 |       |       |
| 223     | 64.3  | 51.4  | 77.2  |       |
| 227     | 62.0  | 51.0  | 76.6  |       |





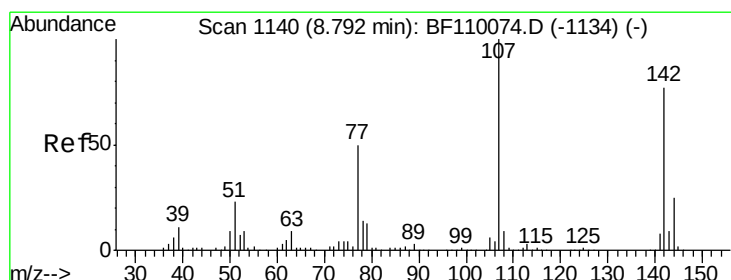
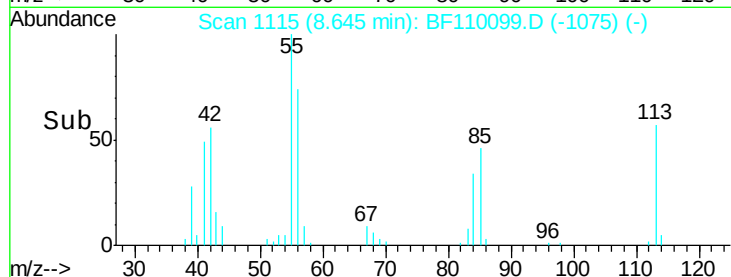
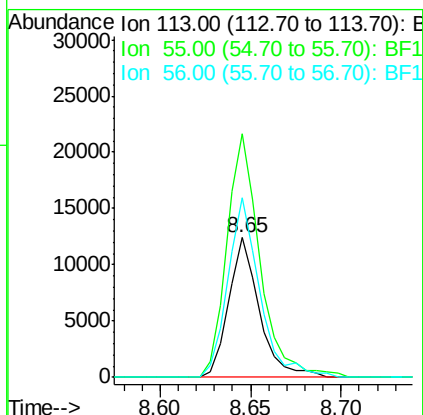
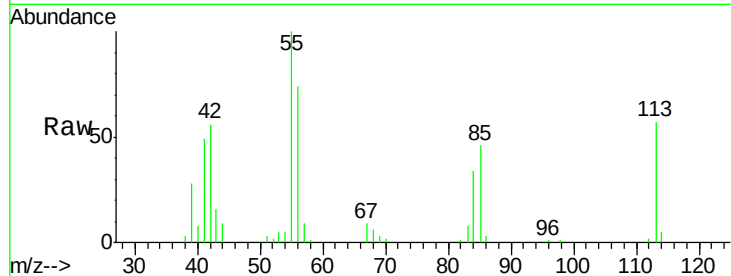
#35  
 Caprolactam  
 Concen: 4.734 ng  
 RT: 8.65 min Scan# 1115  
 Delta R.T. -0.06 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 14652 |       |       |
| 55      | 174.1 | 142.8 | 182.8 |       |
| 56      | 128.3 | 105.0 | 145.0 |       |

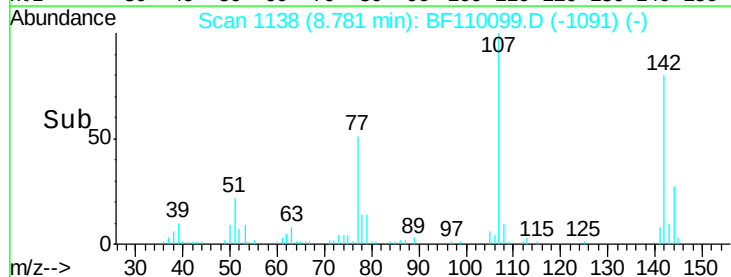
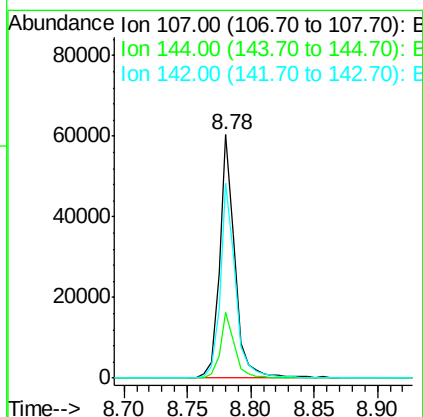
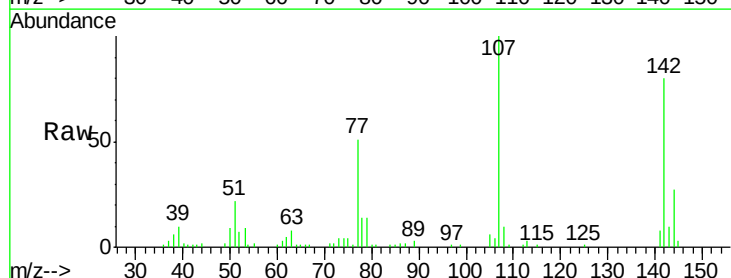
Manual Integrations  
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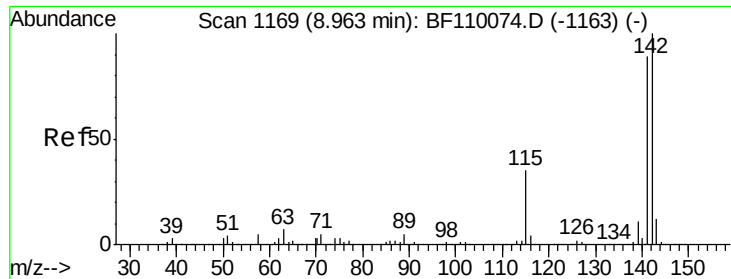
Sohil  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 5.349 ng  
 RT: 8.78 min Scan# 1138  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 51360 |       |       |
| 144     | 26.7  | 20.0  | 30.0  |       |
| 142     | 80.0  | 59.7  | 89.5  |       |





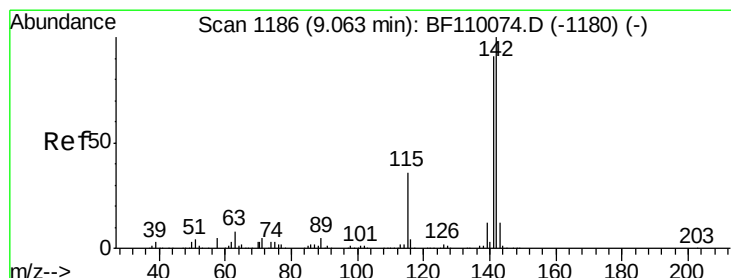
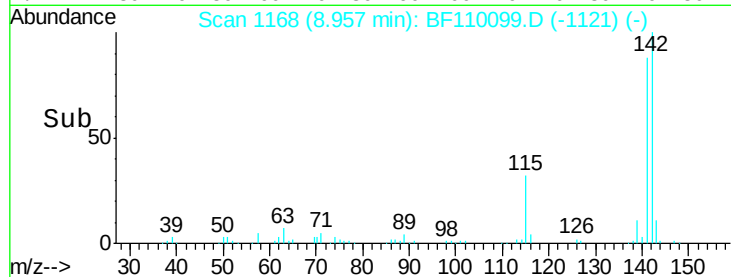
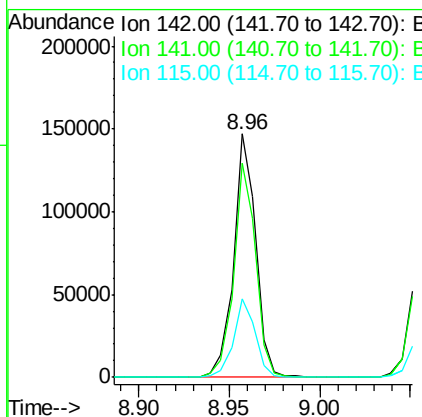
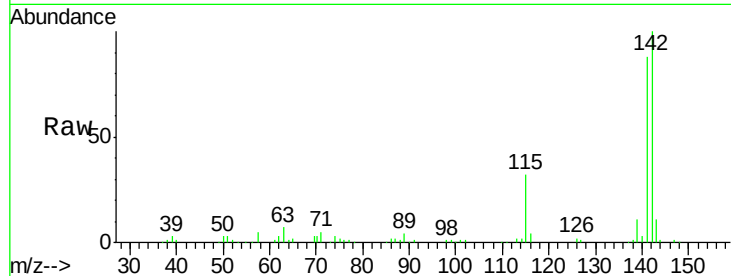
#37  
 2-Methylnaphthalene  
 Concen: 6.407 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 125039 |       |       |
| 141     | 88.1  | 71.4   | 107.2 |       |
| 115     | 32.1  | 28.7   | 43.1  |       |

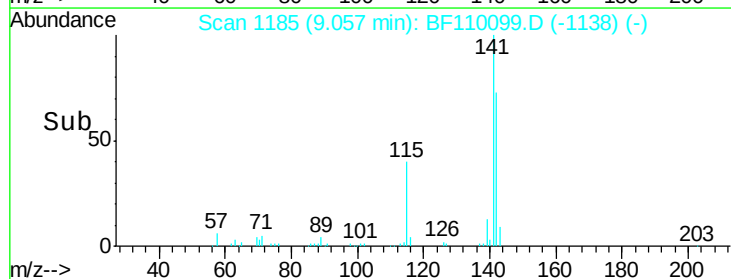
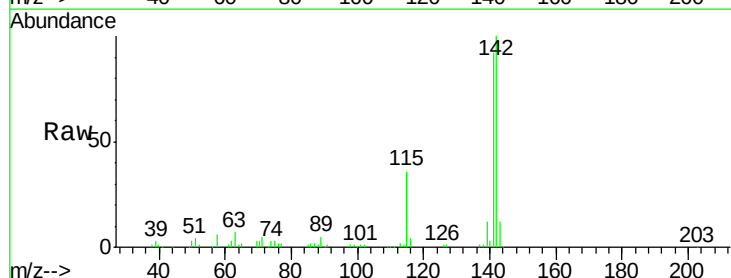
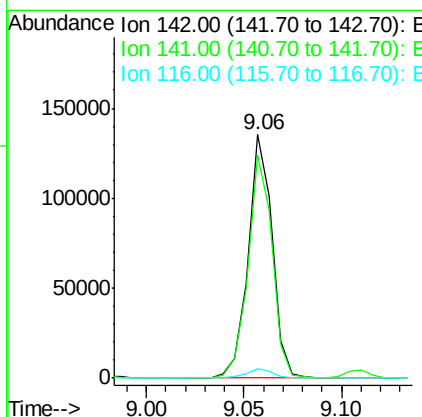
Manual Integrations  
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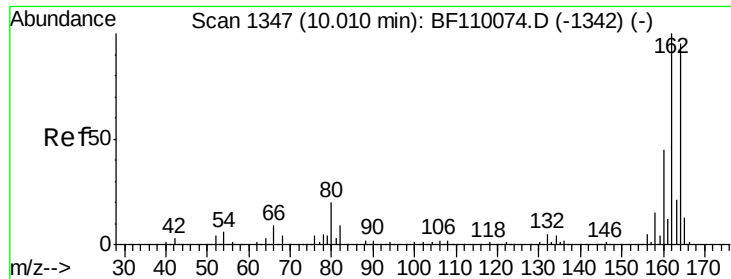
Sohil  
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#38  
 1-Methylnaphthalene  
 Concen: 6.127 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 115551 |       |       |
| 141     | 91.8  | 74.2   | 111.4 |       |
| 116     | 3.8   | 2.6    | 4.0   |       |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110099.D

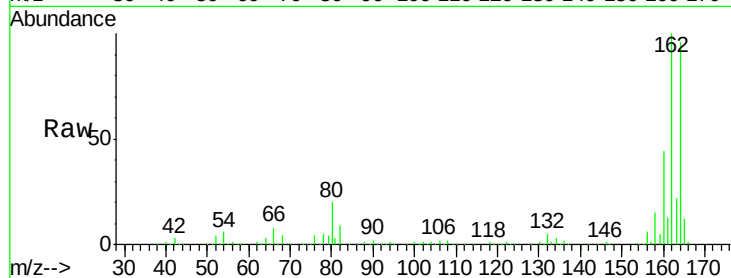
Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2018



Tgt Ion:164 Resp: 315338

Ion Ratio Lower Upper

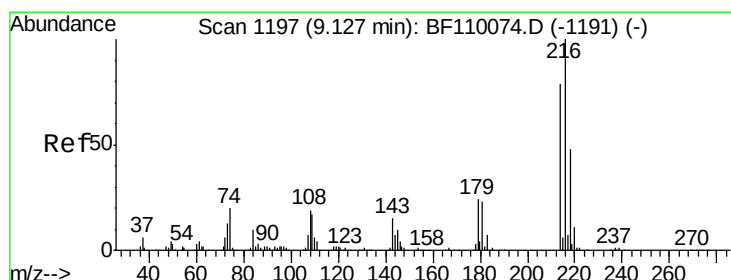
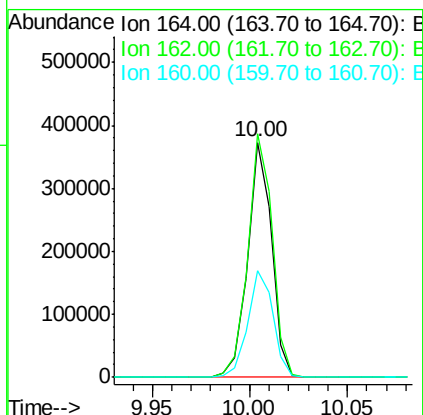
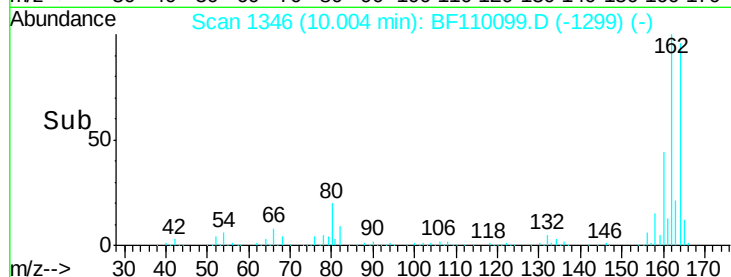
164 100

162 103.7 83.0 124.6

160 45.5 37.0 55.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.236 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Tgt Ion:216 Resp: 51449

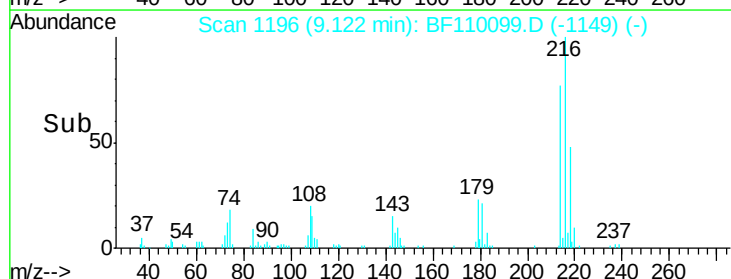
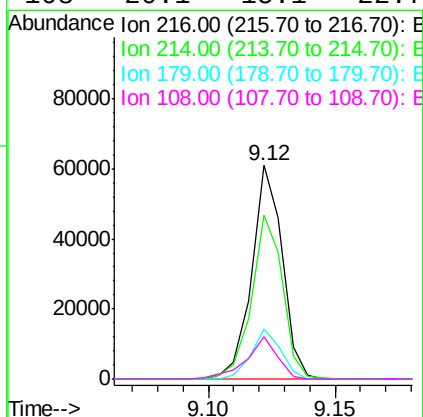
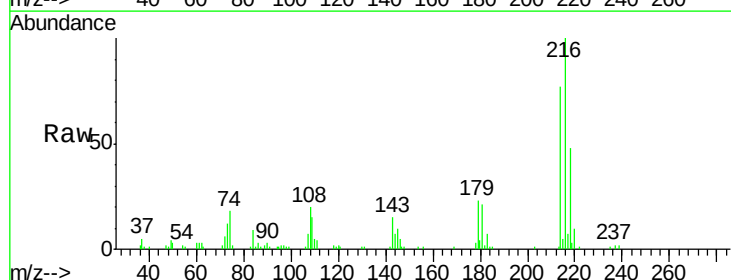
Ion Ratio Lower Upper

216 100

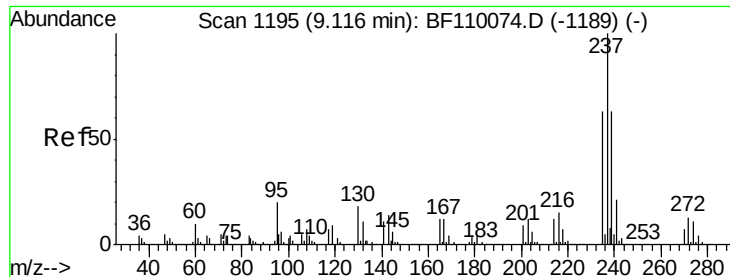
214 77.7 63.8 95.6

179 22.8 16.6 25.0

108 20.1 15.1 22.7







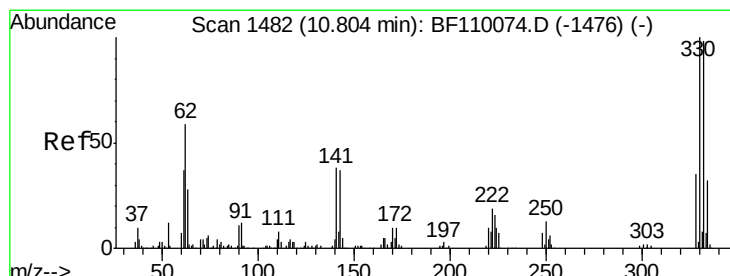
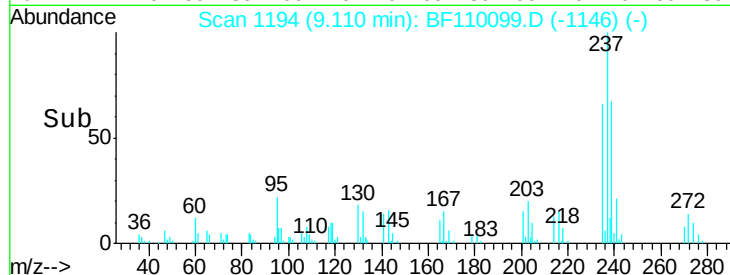
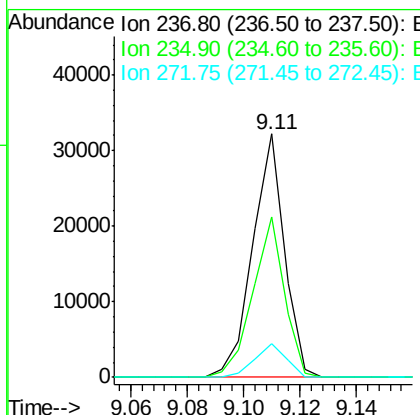
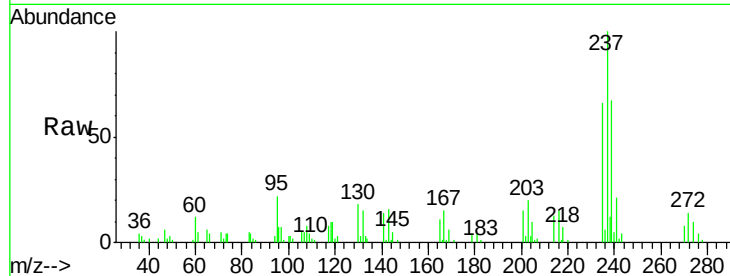
#41  
Hexachlorocyclopentadiene  
Concen: 5.003 ng  
RT: 9.11 min Scan# 1194  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 65.7  | 43.1       | 83.1       |
| 272     | 13.9  | 0.0        | 32.6       |

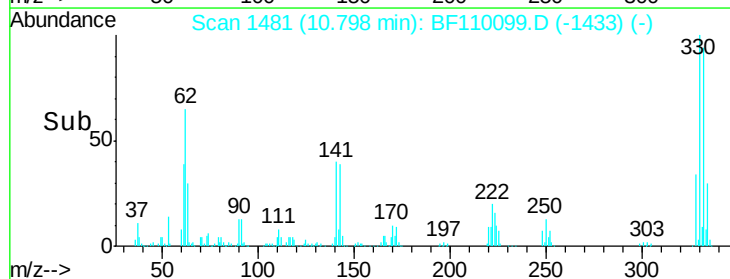
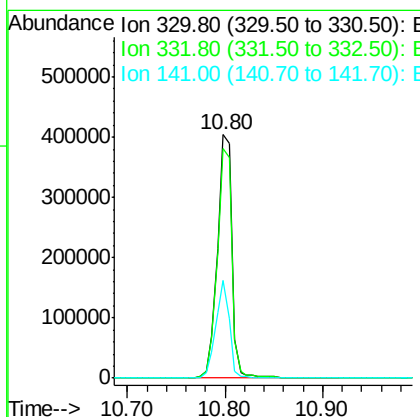
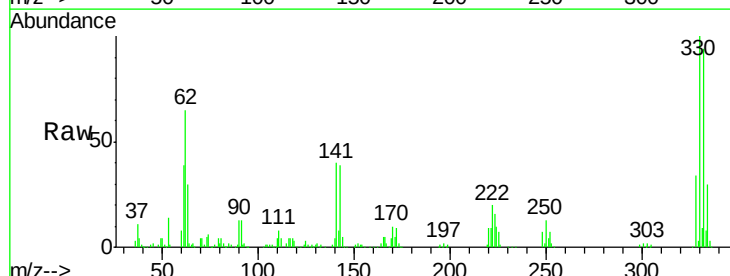
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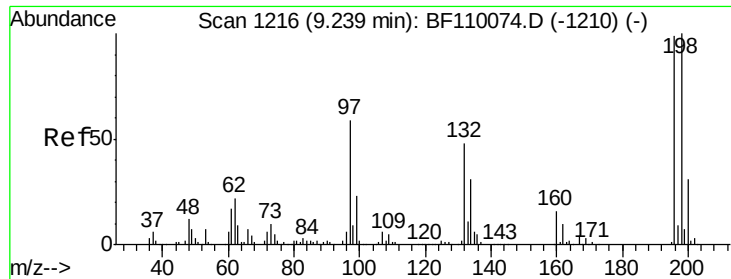
Sohil  
10/24/2018 5:12:18 PM



#42  
2,4,6-Tribromophenol  
Concen: 134.896 ng  
RT: 10.80 min Scan# 1481  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 95.2  | 77.1       | 115.7      |
| 141     | 37.2  | 27.0       | 40.4       |





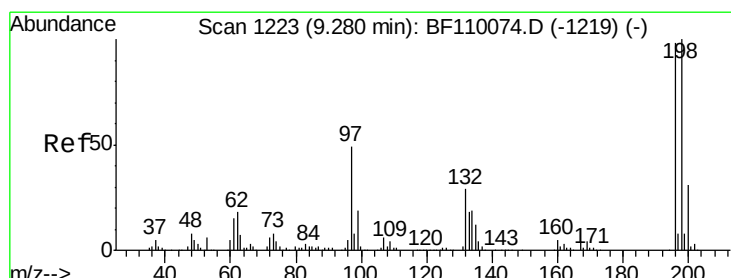
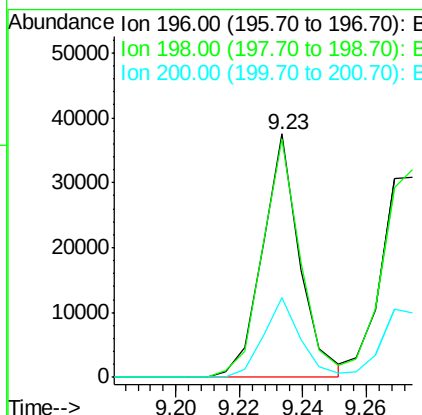
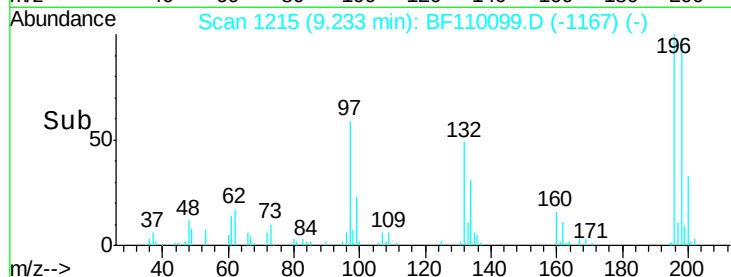
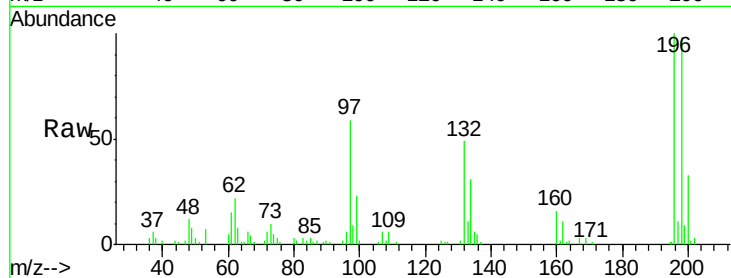
#43  
 2,4,6-Trichlorophenol  
 Concen: 4.839 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 30664 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 98.1  | 76.2  | 114.4 |
| 200       | 33.0  | 24.4  | 36.6  |

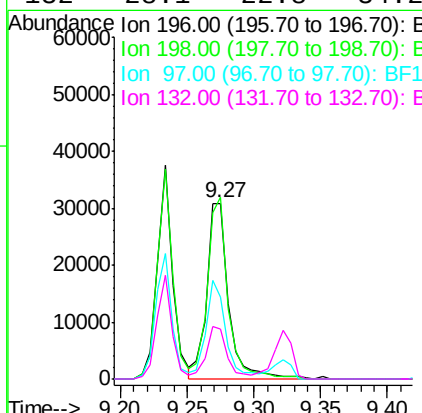
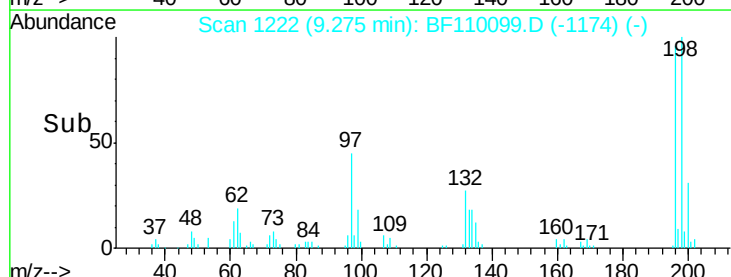
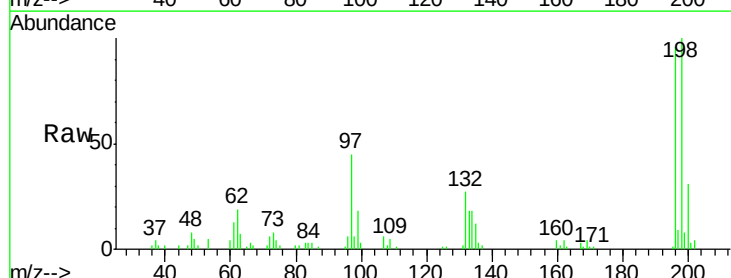
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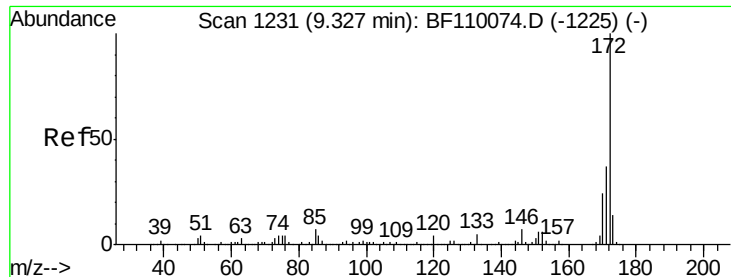
Sohil  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 5.352 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 35851 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 103.6 | 75.8  | 113.6 |
| 97        | 46.4  | 42.4  | 63.6  |
| 132       | 28.1  | 22.8  | 34.2  |





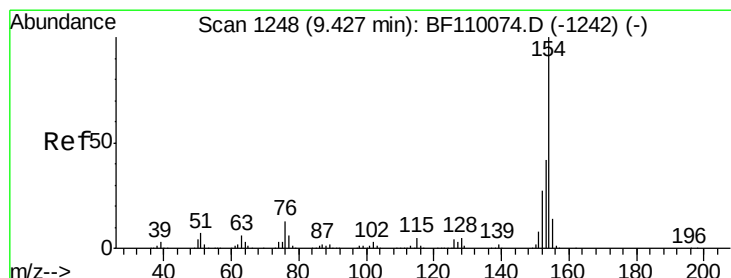
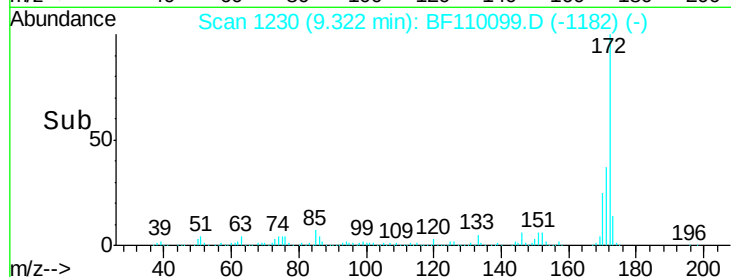
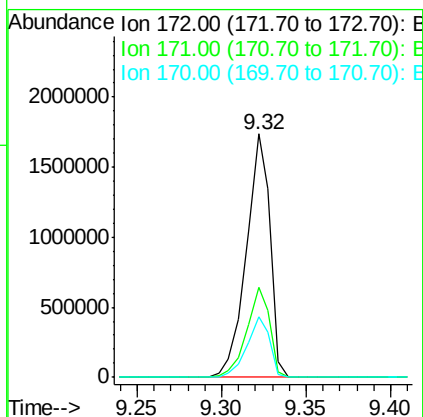
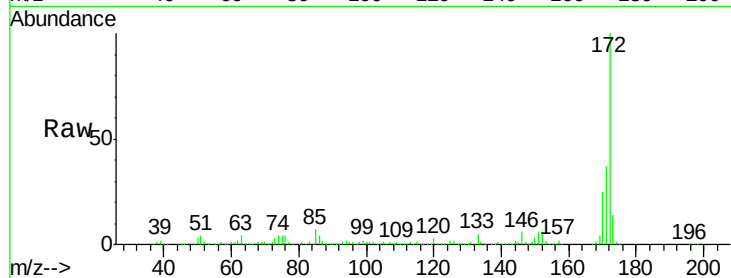
#45  
2-Fluorobiphenyl  
Concen: 85.036 ng  
RT: 9.32 min Scan# 1230  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

Tgt Ion:172 Resp: 1707683  
Ion Ratio Lower Upper  
172 100  
171 37.0 28.6 43.0  
170 24.7 19.7 29.5

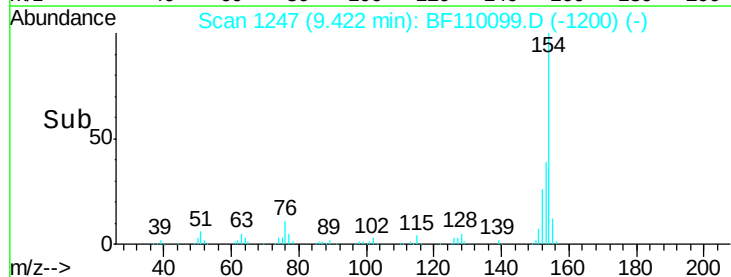
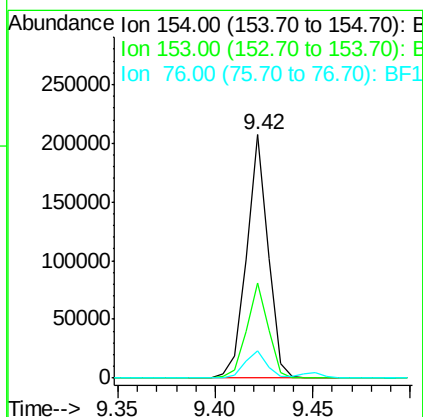
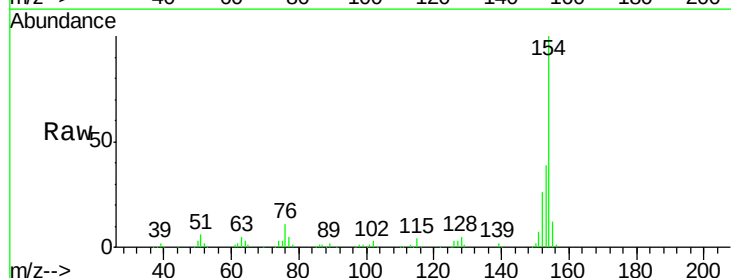
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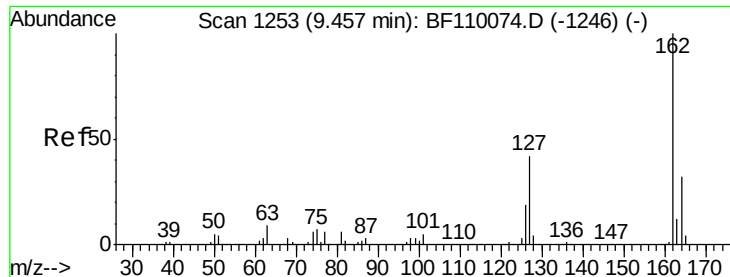
Sohil  
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#46  
1,1'-Biphenyl  
Concen: 5.528 ng  
RT: 9.42 min Scan# 1247  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Tgt Ion:154 Resp: 157634  
Ion Ratio Lower Upper  
154 100  
153 38.9 20.4 60.4  
76 11.3 0.0 31.9





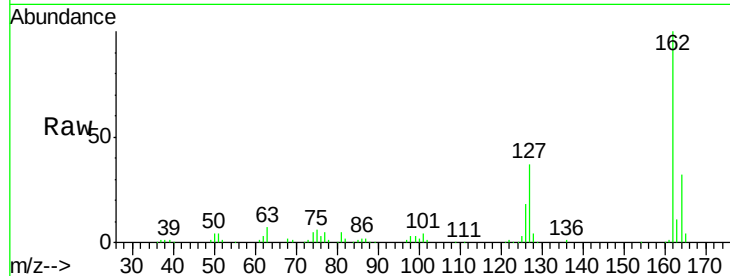
#47  
 2-Chloronaphthalene  
 Concen: 5.510 ng  
 RT: 9.45 min Scan# 1252  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

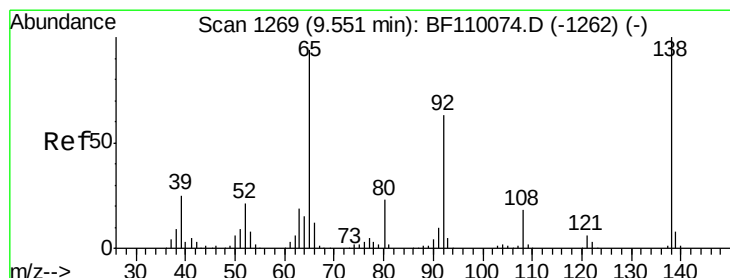
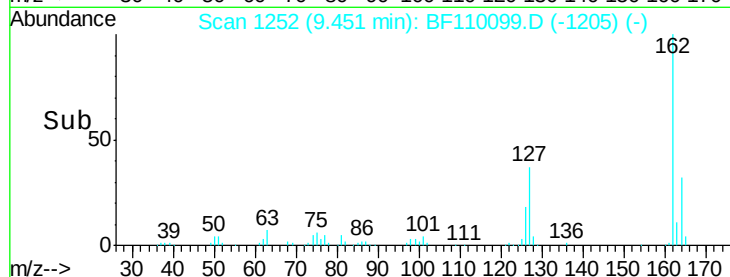
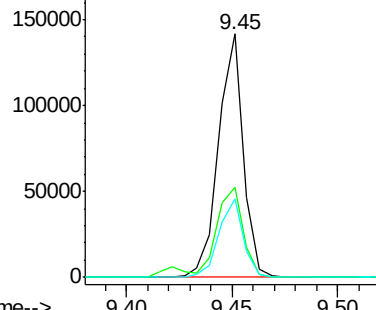
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 36.9  | 32.6       | 48.8       |
| 164     | 32.4  | 25.9       | 38.9       |

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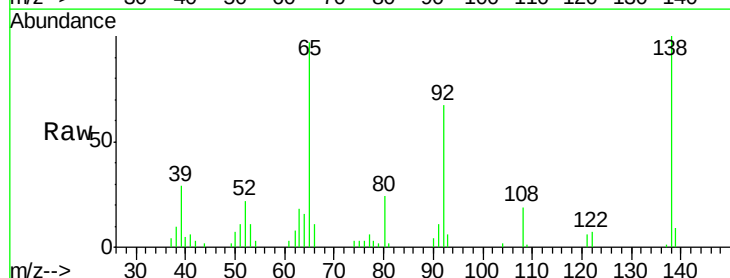


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

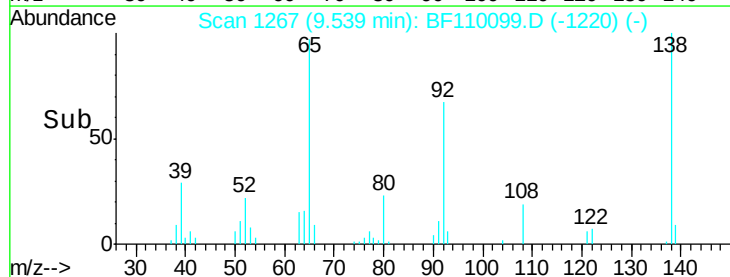
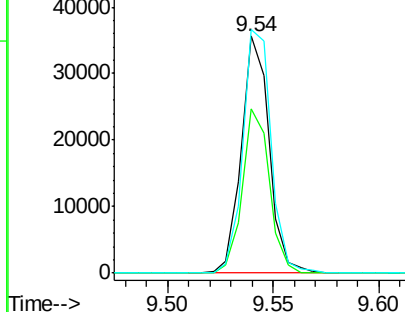


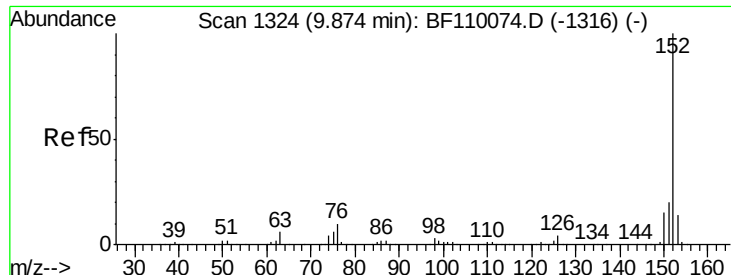
#48  
 2-Nitroaniline  
 Concen: 5.123 ng  
 RT: 9.54 min Scan# 1267  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 65      | 100   |            |            |
| 92      | 69.1  | 54.6       | 81.8       |
| 138     | 102.7 | 80.3       | 120.5      |



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





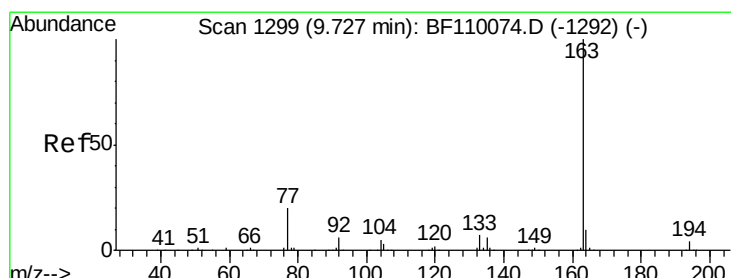
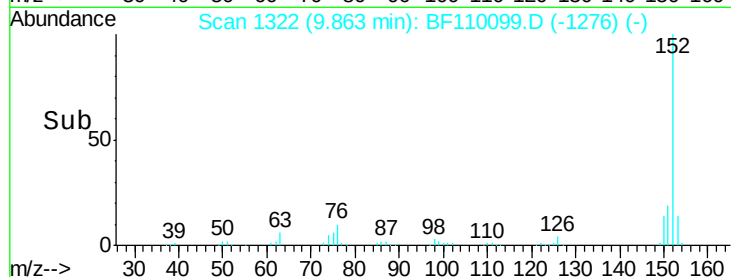
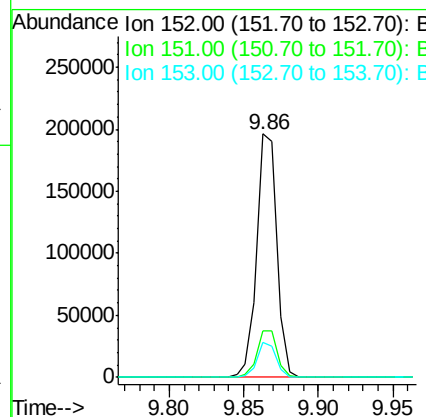
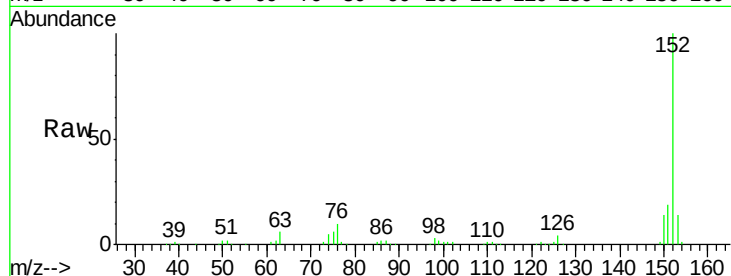
#49  
Acenaphthylene  
Concen: 6.037 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 152     | 100   |            |            |
| 151     | 19.0  | 15.8       | 23.8       |
| 153     | 14.1  | 10.4       | 15.6       |

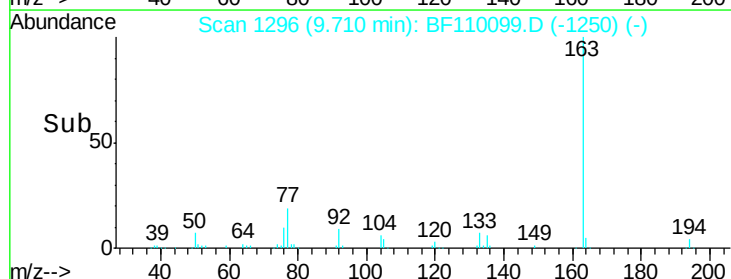
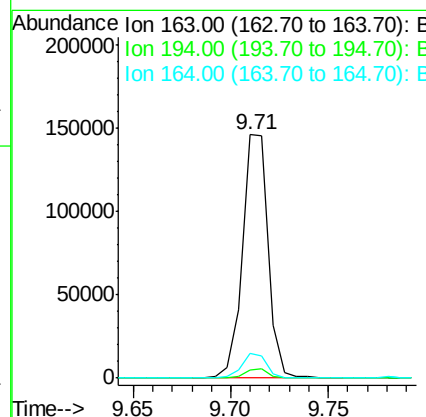
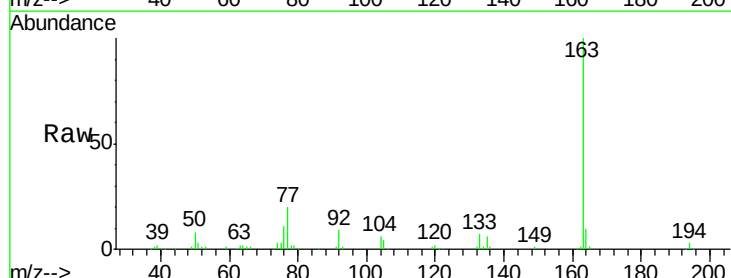
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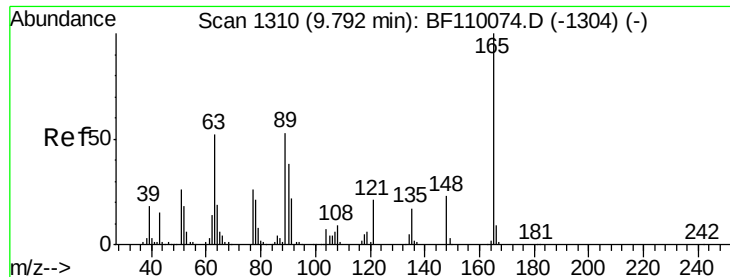
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10/24/2018 5:12:18 PM



#50  
Dimethylphthalate  
Concen: 5.707 ng  
RT: 9.71 min Scan# 1296  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.5   | 3.2        | 4.8        |
| 164     | 10.1  | 8.1        | 12.1       |





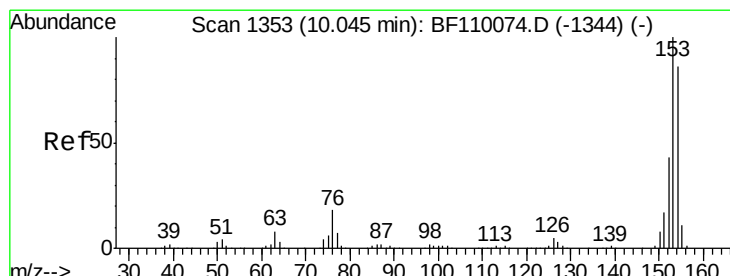
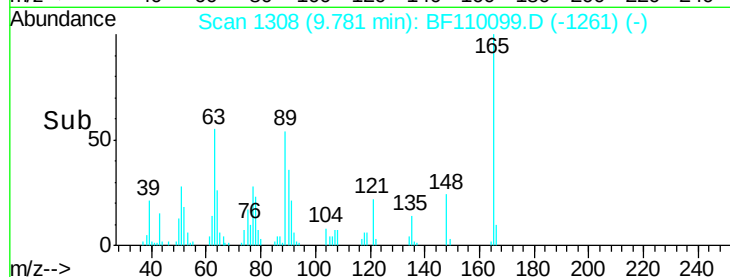
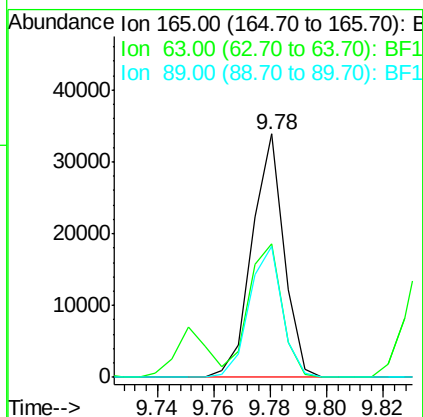
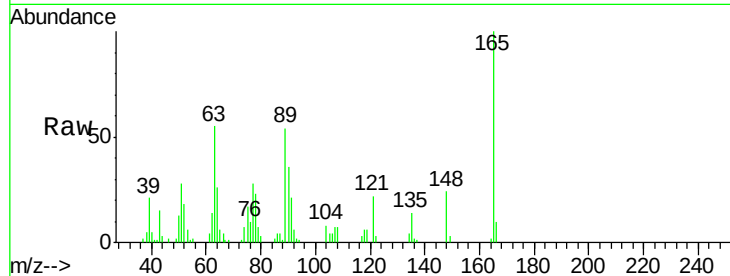
#51  
 2,6-Dinitrotoluene  
 Concen: 5.277 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 26457 |       |       |
| 63      | 54.8  | 48.9  | 73.3  |       |
| 89      | 53.8  | 46.6  | 69.8  |       |

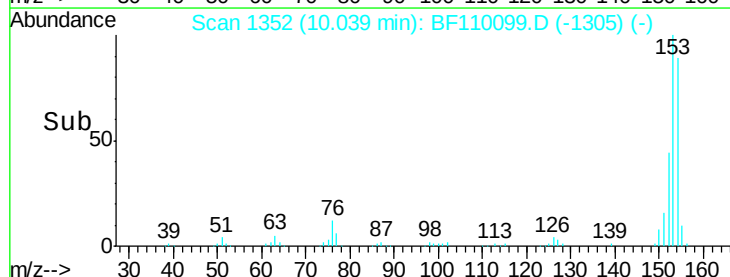
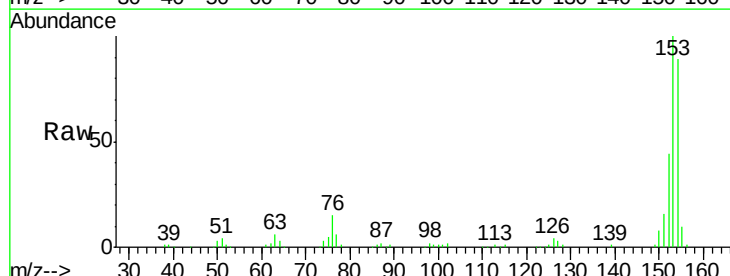
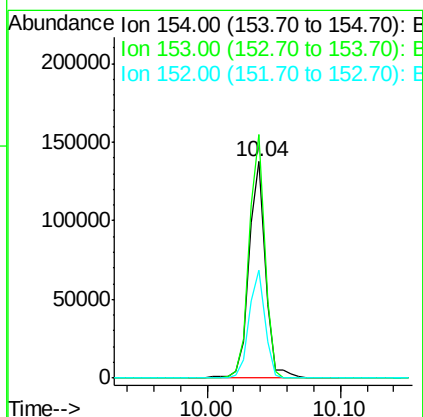
Manual Integrations  
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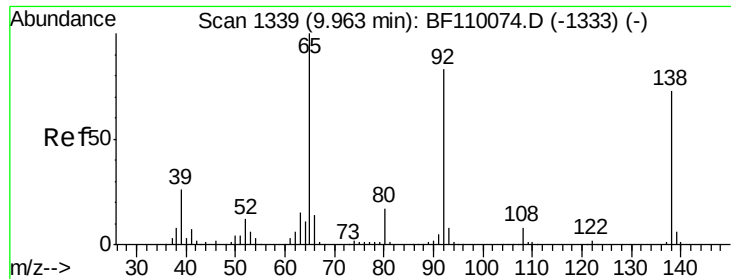
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 10/24/2018 5:12:18 PM



#52  
 Acenaphthene  
 Concen: 5.798 ng  
 RT: 10.04 min Scan# 1352  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 115884 |       |       |
| 153     | 112.5 | 90.1   | 135.1 |       |
| 152     | 49.9  | 43.4   | 65.2  |       |





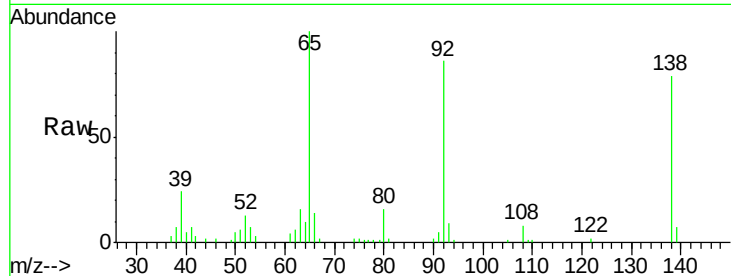
#53  
3-Nitroaniline  
Concen: 4.547 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

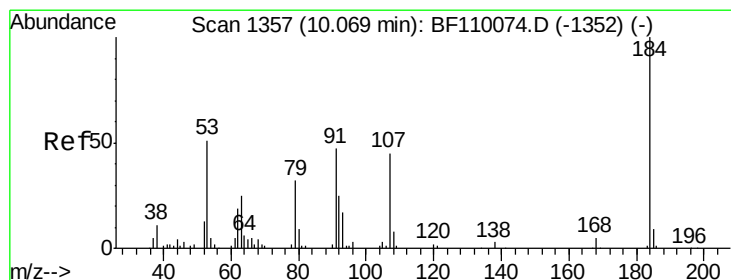
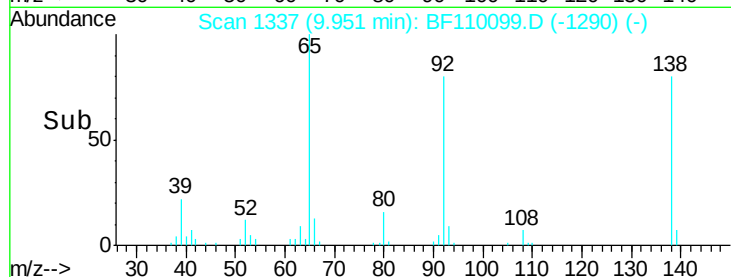
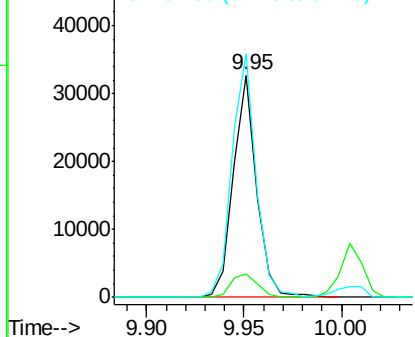
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 27115 |       |       |
| 108     | 10.6  | 8.7   | 13.1  |       |
| 92      | 109.6 | 97.0  | 145.4 |       |

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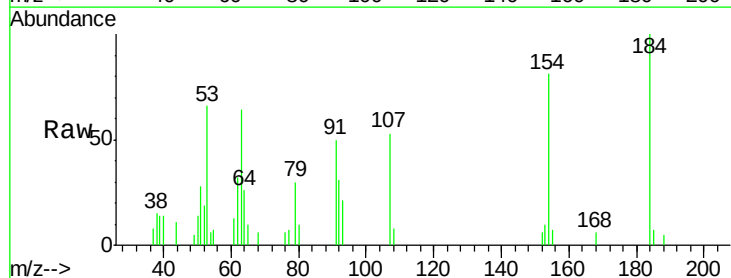


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

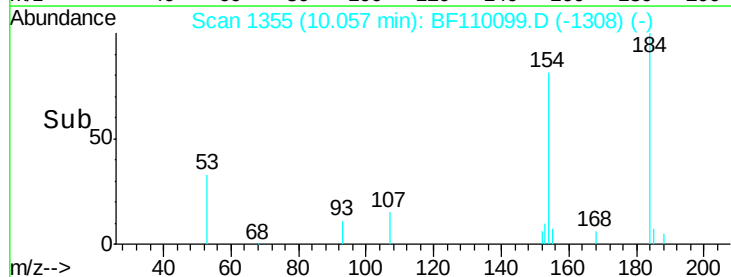
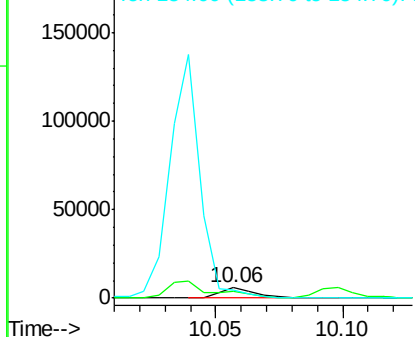


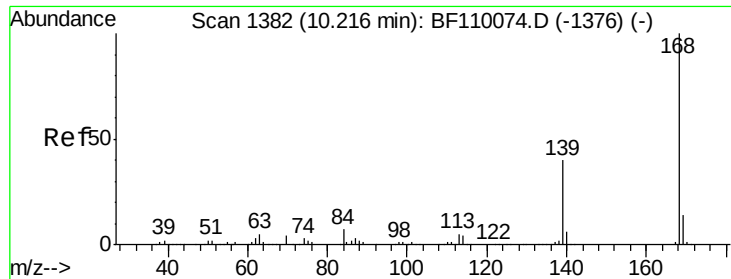
#54  
2,4-Dinitrophenol  
Concen: 7.754 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 5487 |       |       |
| 63      | 64.0  | 55.8 | 83.6  |       |
| 154     | 81.2  | 63.2 | 94.8  |       |



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





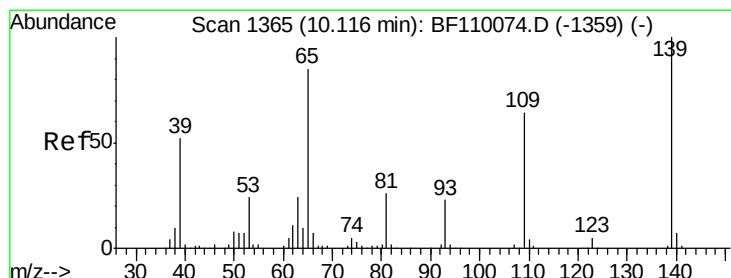
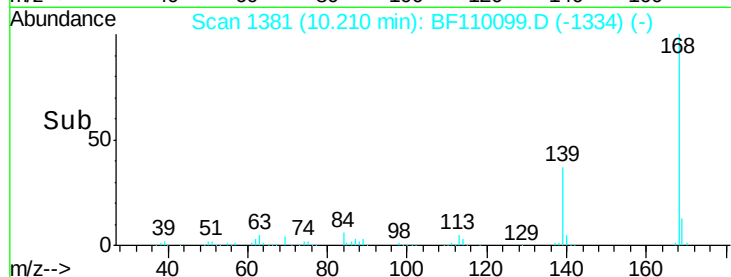
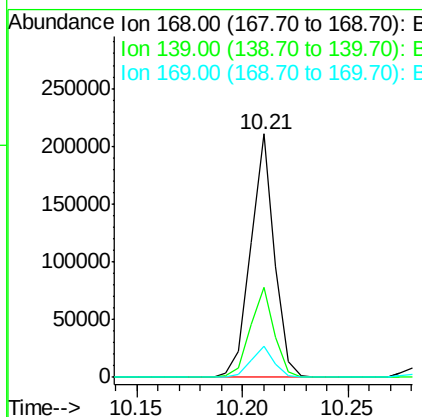
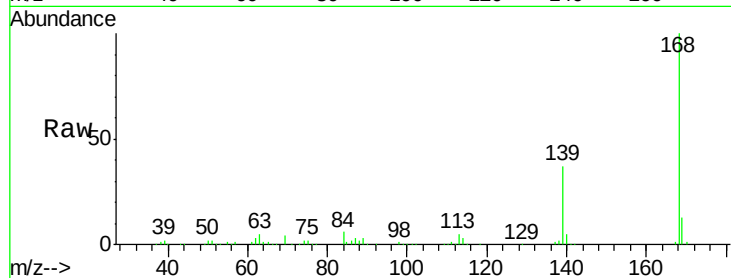
#55  
Dibenzenofuran  
Concen: 5.875 ng  
RT: 10.21 min Scan# 1381  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 164400 |       |       |
| 139     | 36.8  | 33.0   | 49.6  |       |
| 169     | 12.8  | 11.3   | 16.9  |       |

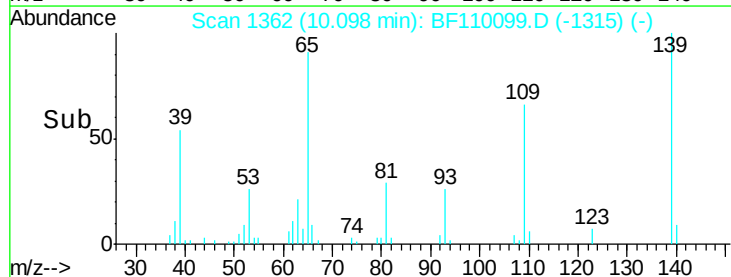
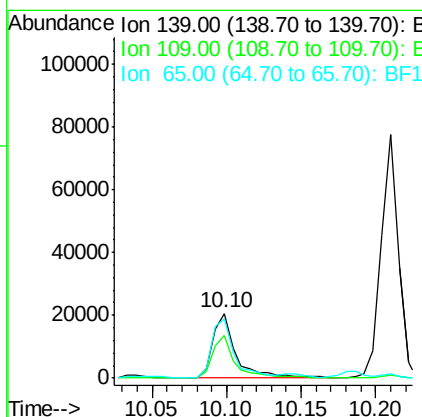
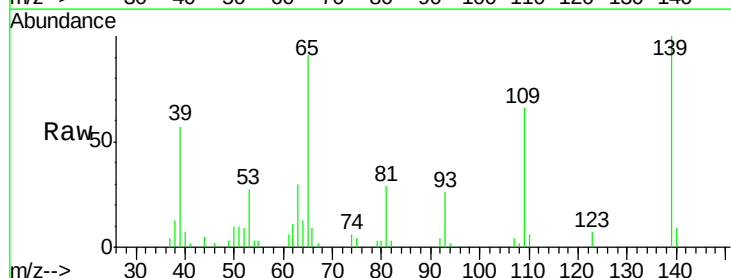
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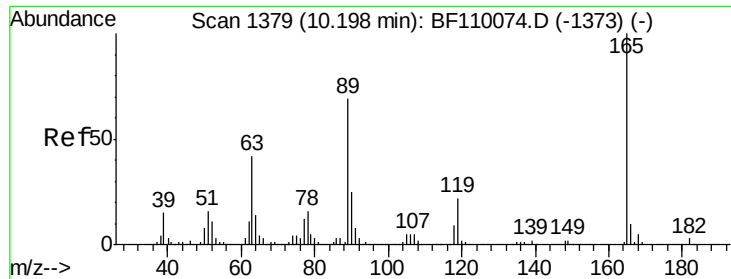


#56  
4-Nitrophenol  
Concen: 5.032 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 22208 |       |       |
| 109     | 66.0  | 55.8  | 95.8  |       |
| 65      | 91.5  | 77.9  | 117.9 |       |







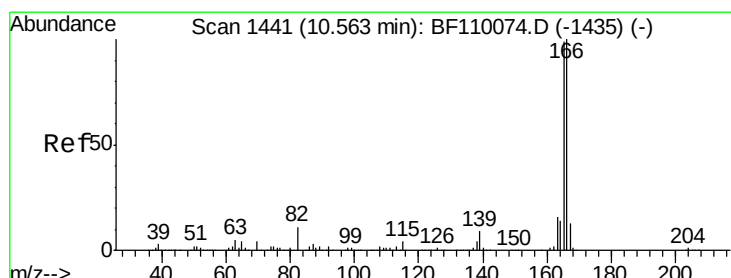
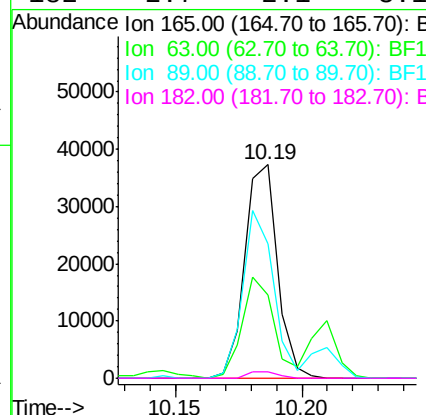
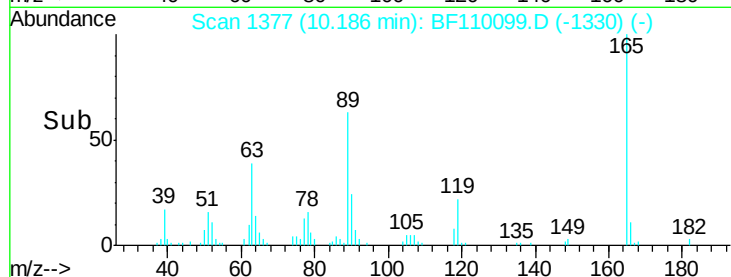
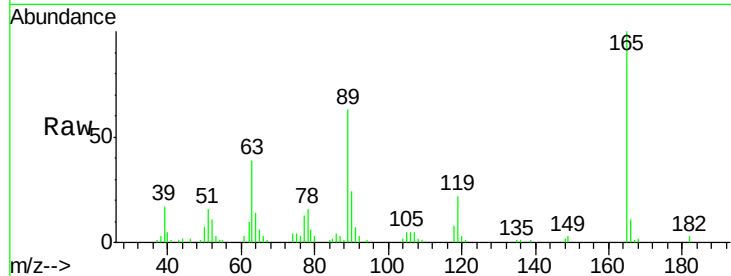
#57  
2,4-Dinitrotoluene  
Concen: 5.268 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 38.9  | 44.8       | 67.2#      |
| 89      | 63.1  | 62.2       | 93.4       |
| 182     | 2.7   | 2.1        | 3.1        |

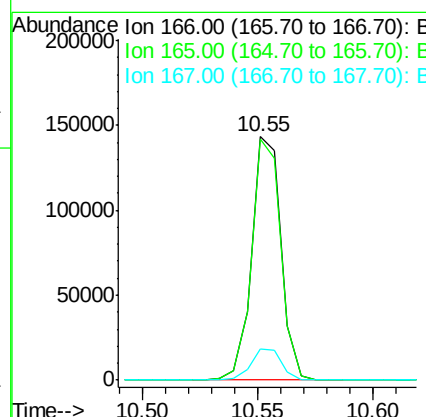
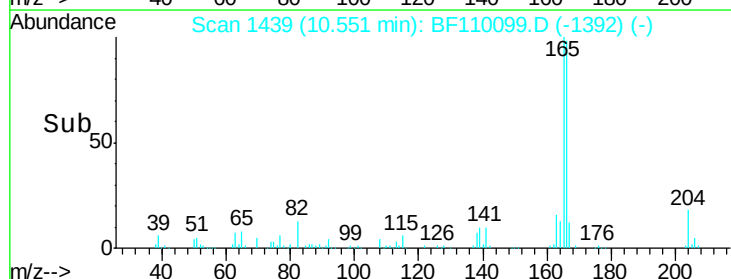
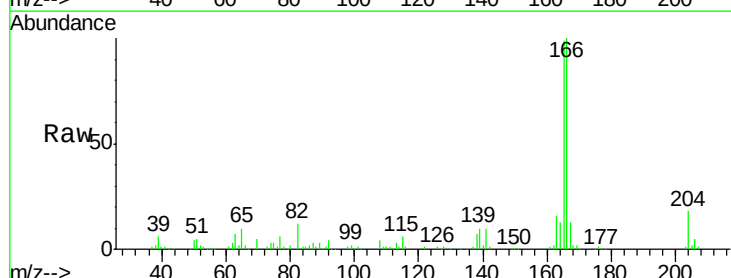
Manual Integrations  
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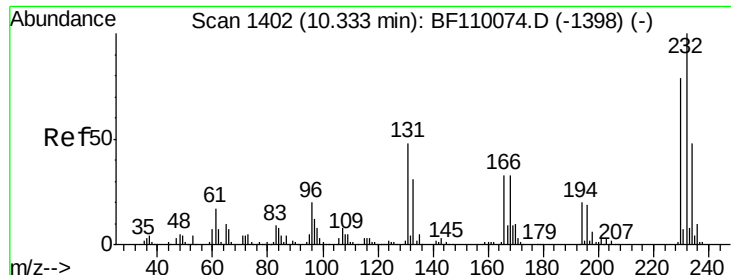
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#58  
Fluorene  
Concen: 6.112 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 98.9  | 78.6       | 117.8      |
| 167     | 13.0  | 10.8       | 16.2       |





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.384 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

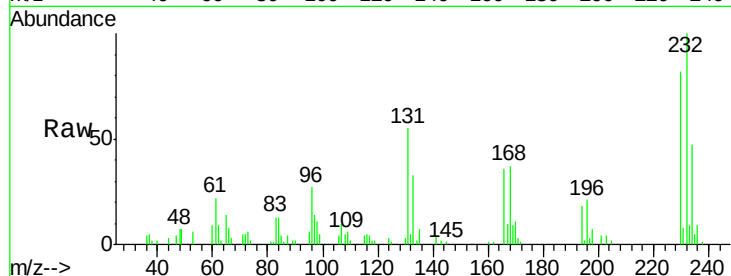
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 29397 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 49.6  | 37.0  | 55.4  |
| 130       | 2.2   | 1.8   | 2.6   |
| 166       | 32.4  | 22.0  | 33.0  |

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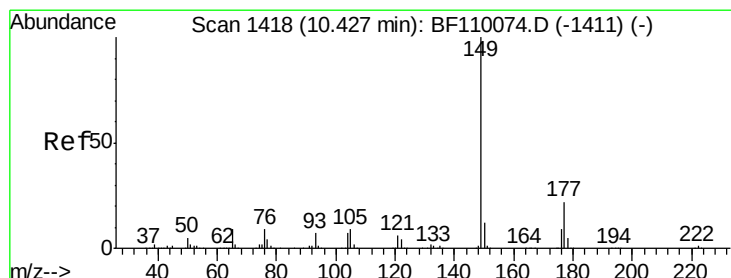
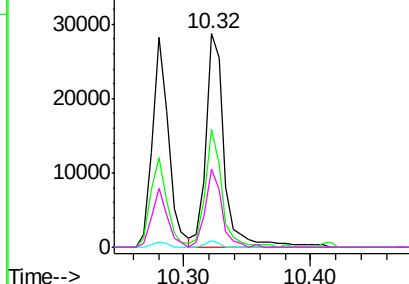
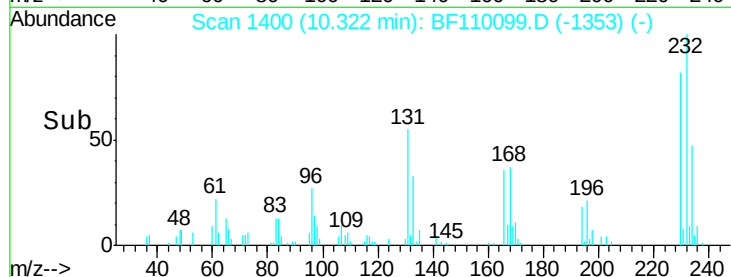


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 5.597 ng

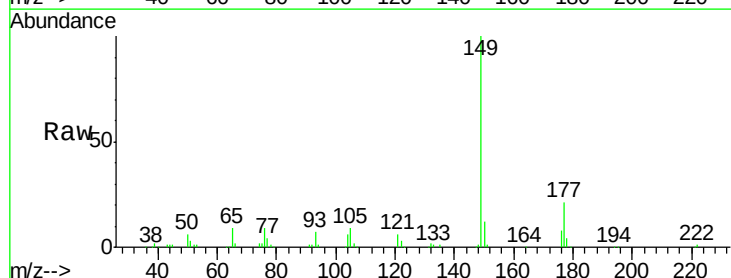
RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

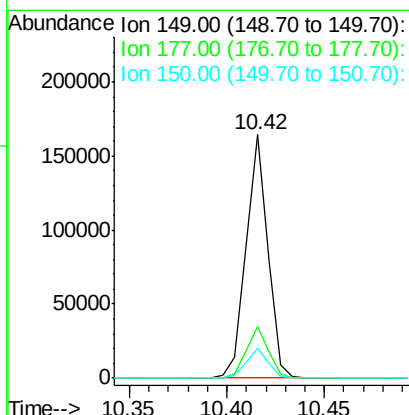
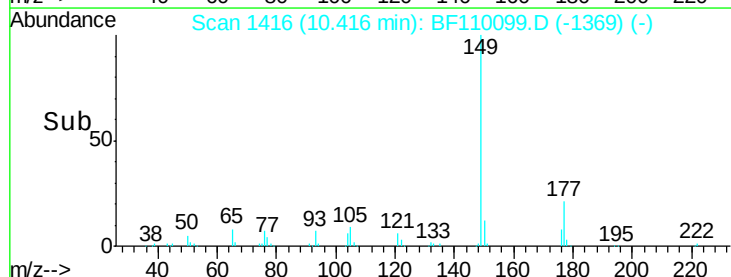
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 127186 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.1  | 17.4  | 26.2   |
| 150       | 12.3  | 9.8   | 14.8   |

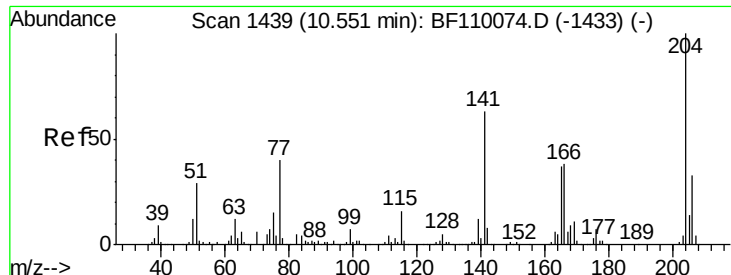


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





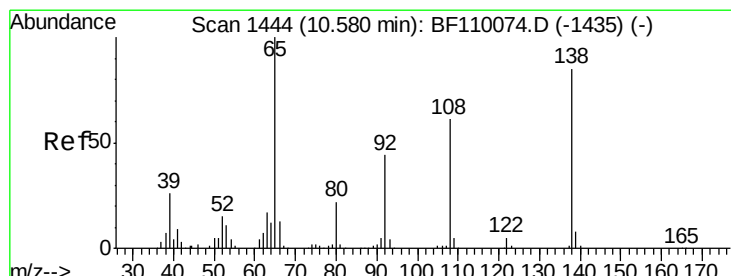
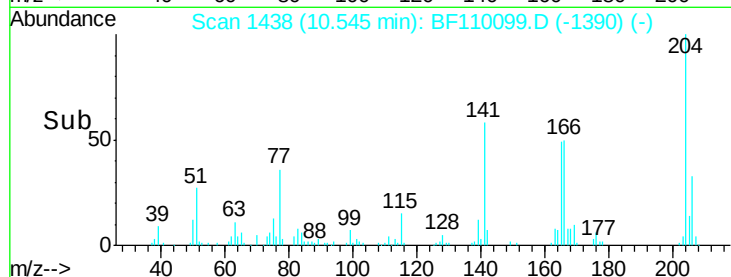
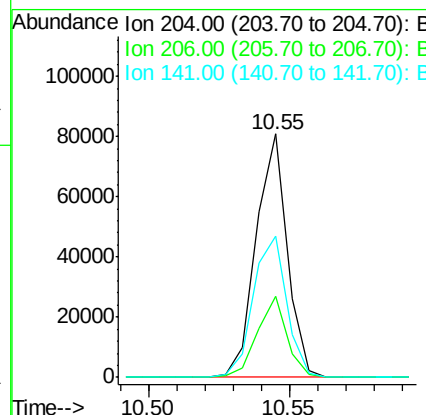
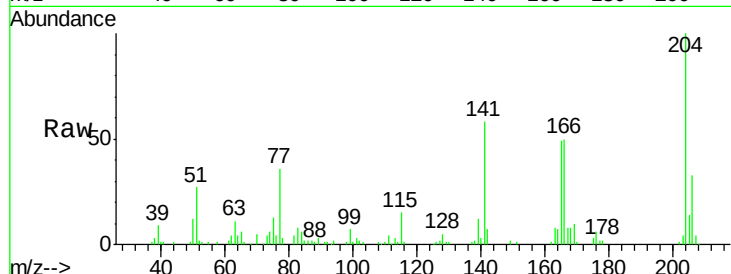
#61  
4-Chlorophenyl-phenylether  
Concen: 5.610 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 33.1  | 26.5       | 39.7       |
| 141     | 58.1  | 51.8       | 77.8       |

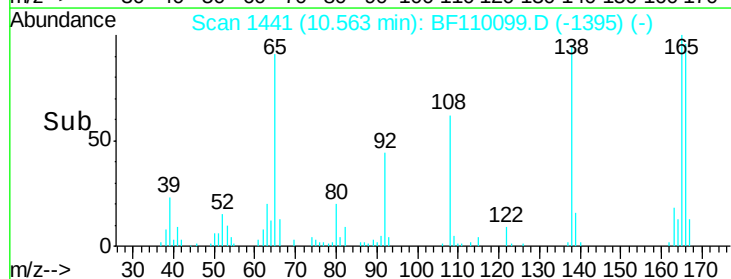
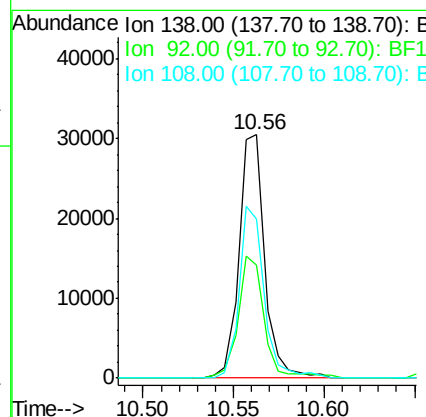
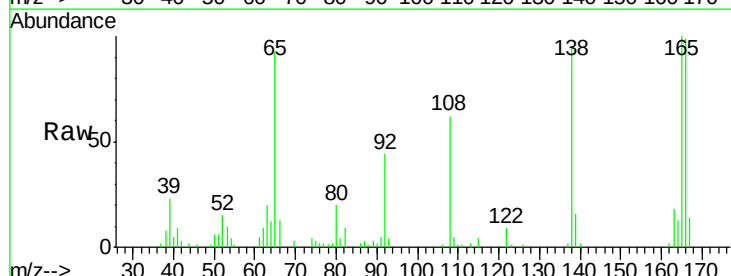
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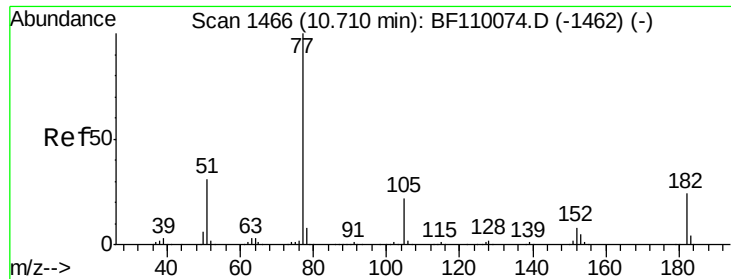
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#62  
4-Nitroaniline  
Concen: 5.064 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 138     | 100   |            |            |
| 92      | 46.6  | 31.7       | 71.7       |
| 108     | 65.4  | 59.3       | 99.3       |





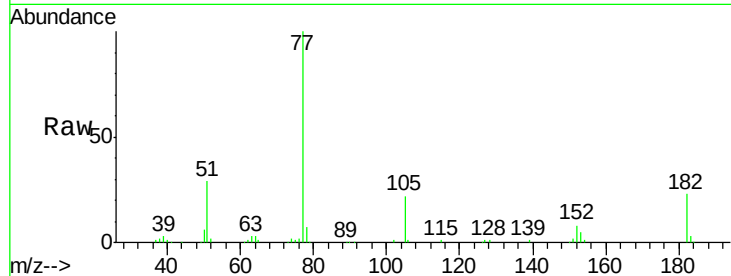
#63  
Azobenzene  
Concen: 5.750 ng  
RT: 10.70 min Scan# 1465  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

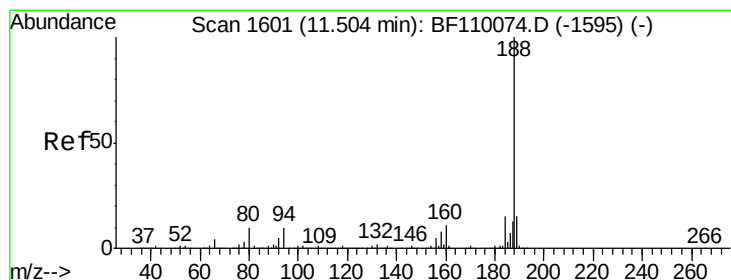
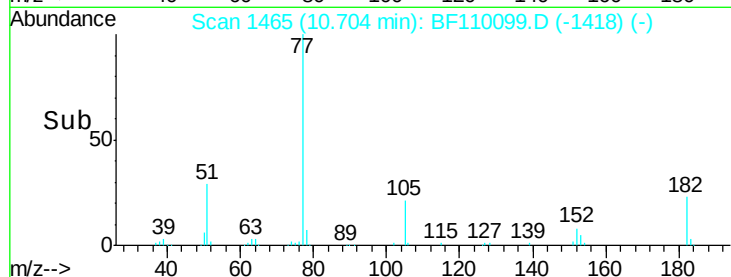
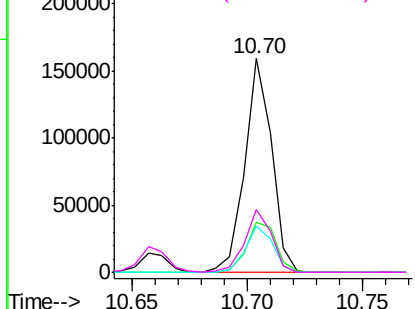
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 129681 |       |       |
| 182     | 23.5  | 4.3    | 44.3  |       |
| 105     | 21.8  | 1.3    | 41.3  |       |
| 51      | 29.4  | 9.0    | 49.0  |       |

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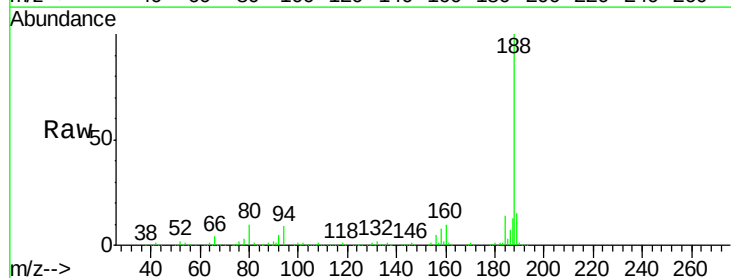


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

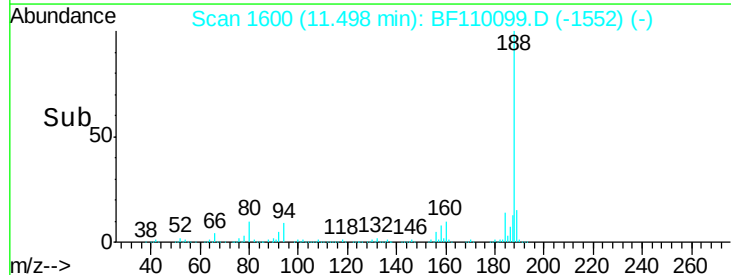
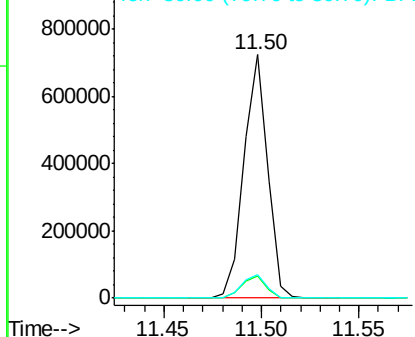


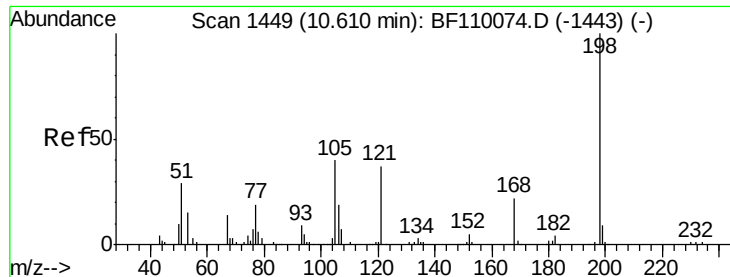
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 610832 |       |       |
| 94      | 9.0   | 7.2    | 10.8  |       |
| 80      | 9.6   | 7.9    | 11.9  |       |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





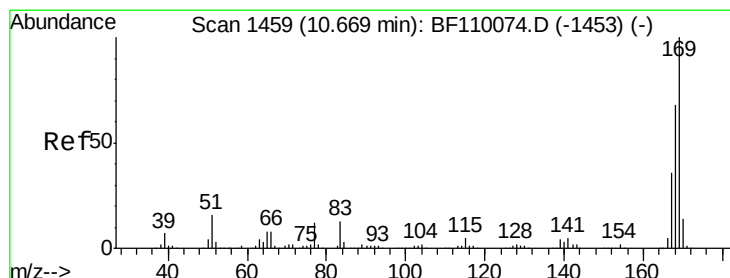
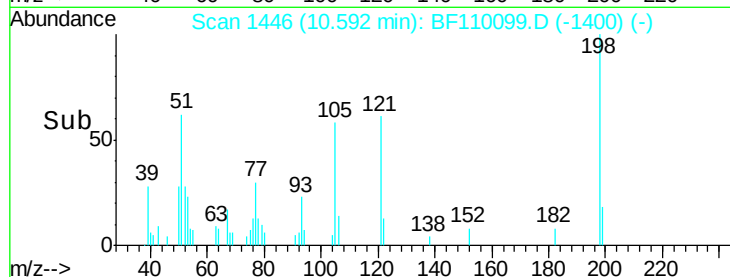
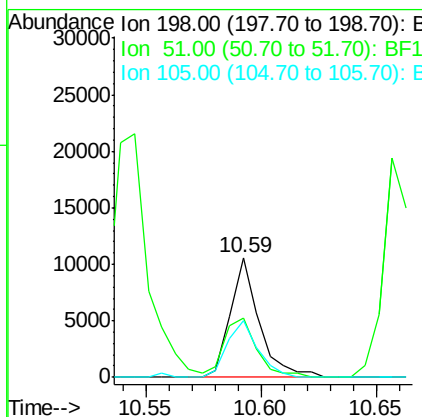
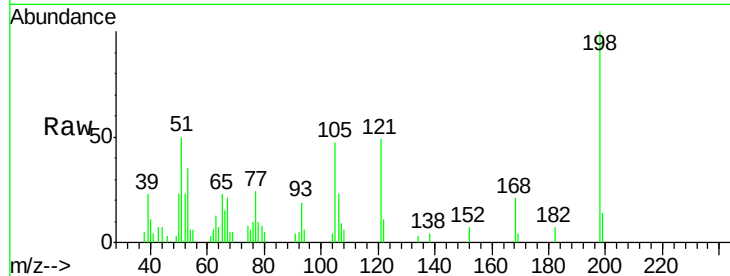
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.306 ng  
 RT: 10.59 min Scan# 1446  
 Delta R.T. -0.03 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 9225 |       |       |
| 51      | 49.7  | 22.8 | 62.8  |       |
| 105     | 46.7  | 23.6 | 63.6  |       |

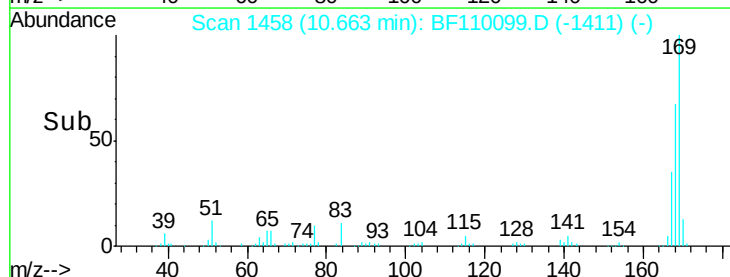
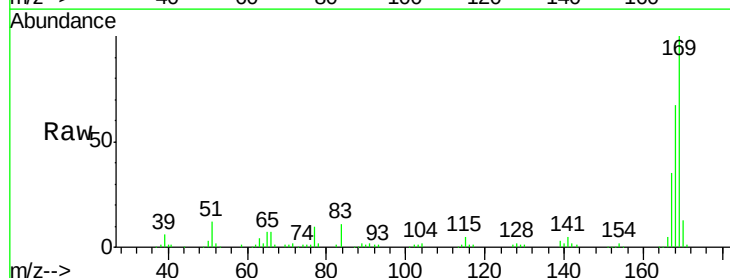
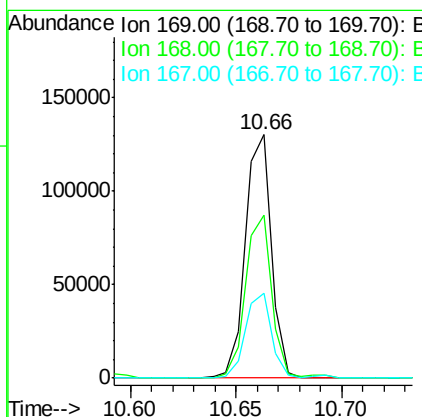
Manual Integrations  
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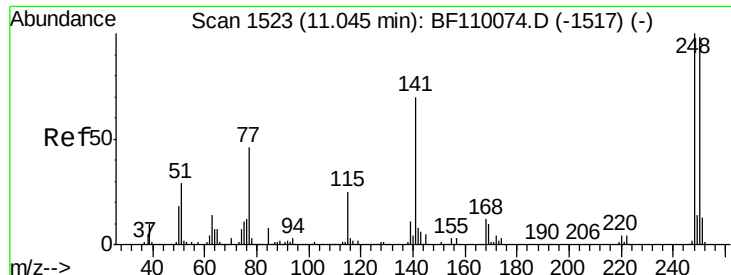
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#66  
 n-Nitrosodiphenylamine  
 Concen: 5.579 ng  
 RT: 10.66 min Scan# 1458  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 111782 |       |       |
| 168     | 66.9  | 51.2   | 76.8  |       |
| 167     | 34.9  | 27.8   | 41.6  |       |





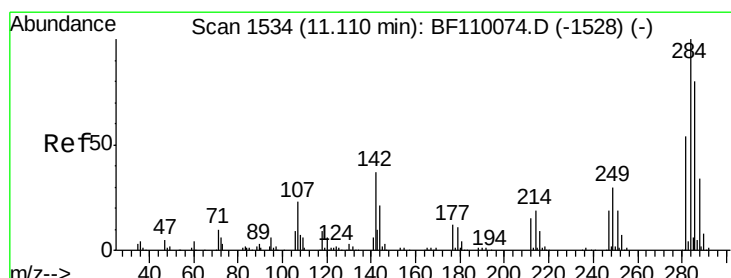
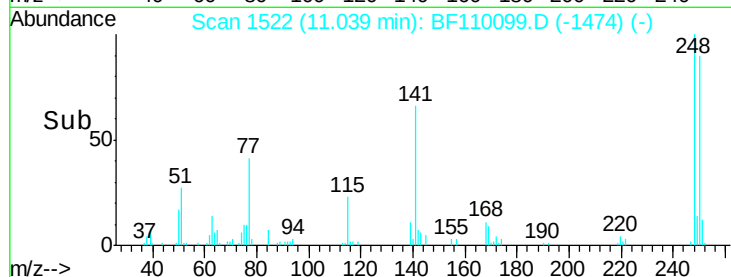
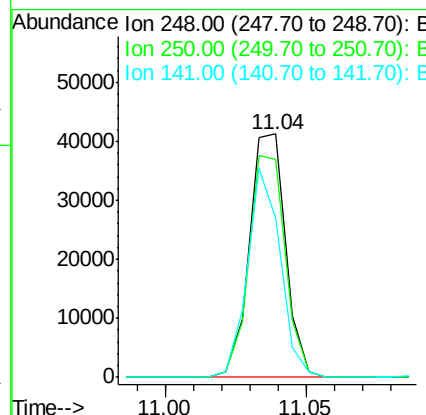
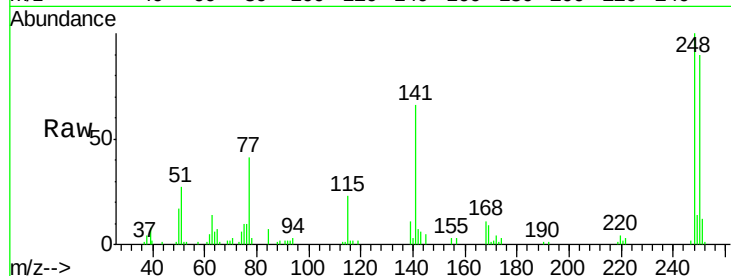
#67  
 4-Bromophenyl-phenylether  
 Concen: 5.551 ng  
 RT: 11.04 min Scan# 1522  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 36778 |       |       |
| 250     | 89.6  | 79.4  | 119.2 |       |
| 141     | 65.6  | 55.9  | 83.9  |       |

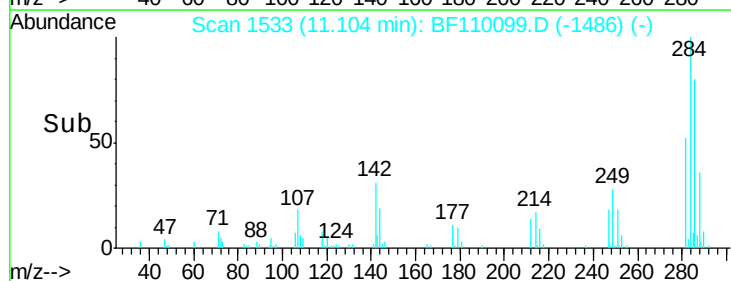
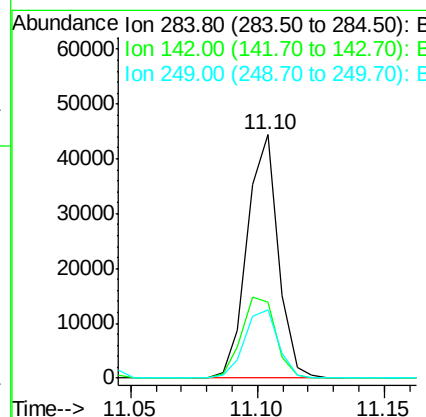
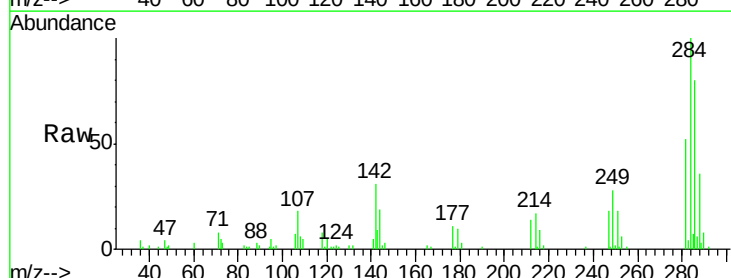
Manual Integrations  
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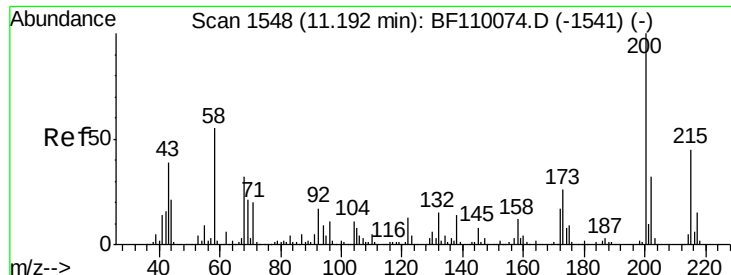
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#68  
 Hexachlorobenzene  
 Concen: 5.359 ng  
 RT: 11.10 min Scan# 1533  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 37676 |       |       |
| 142     | 31.1  | 23.9  | 35.9  |       |
| 249     | 28.2  | 24.2  | 36.2  |       |





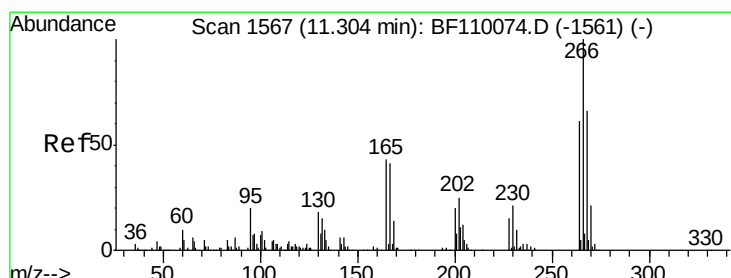
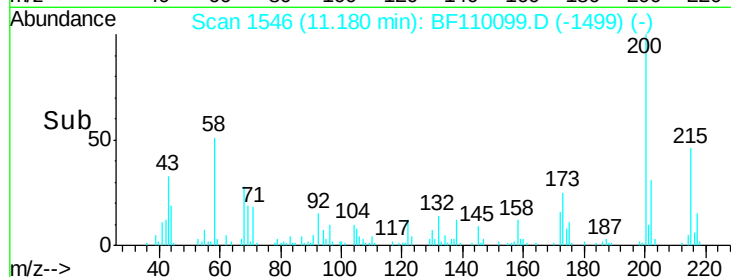
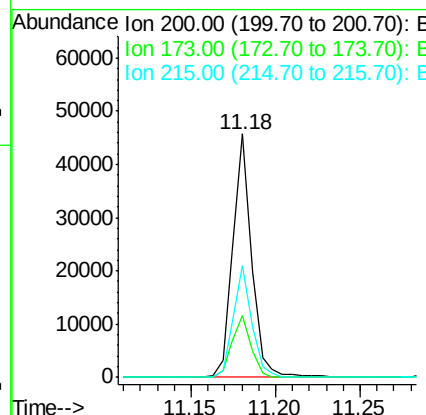
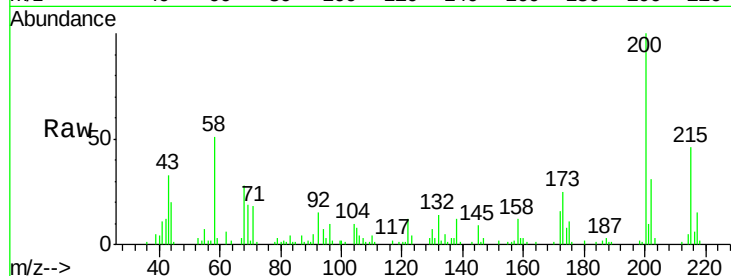
#69  
Atrazine  
Concen: 5.576 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 25.4  | 6.6        | 46.6       |
| 215     | 45.7  | 26.3       | 66.3       |

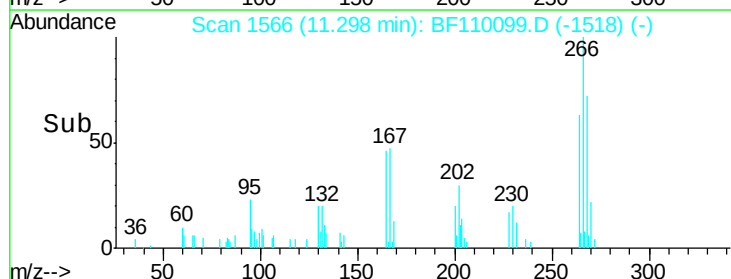
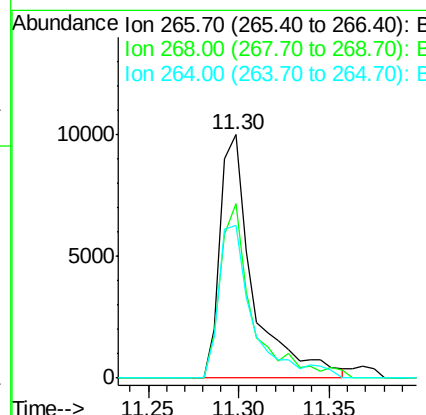
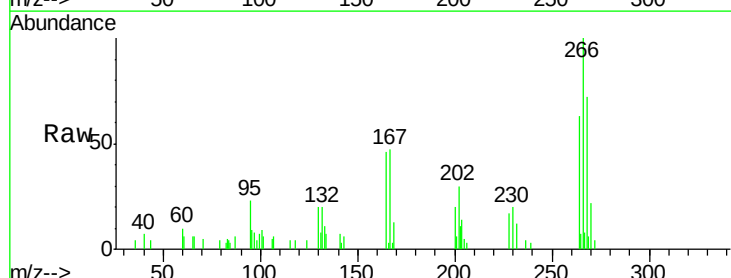
Manual Integrations  
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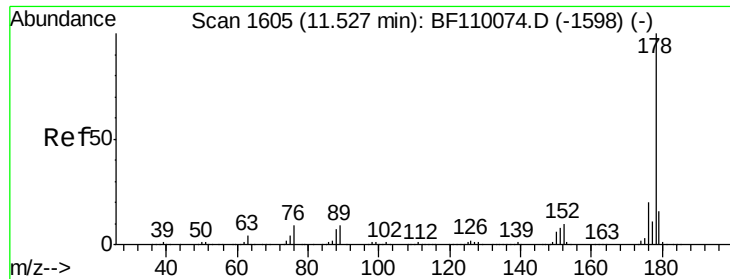
Sohil  
10/24/2018 5:12:18 PM



#70  
Pentachlorophenol  
Concen: 3.108 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 71.7  | 50.6       | 75.8       |
| 264     | 69.5  | 50.6       | 75.8       |





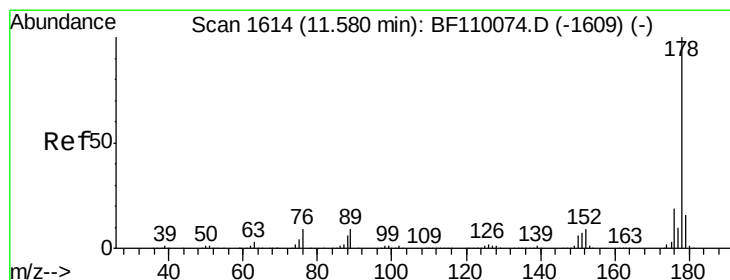
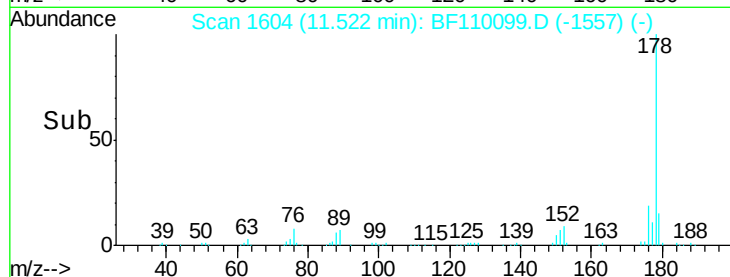
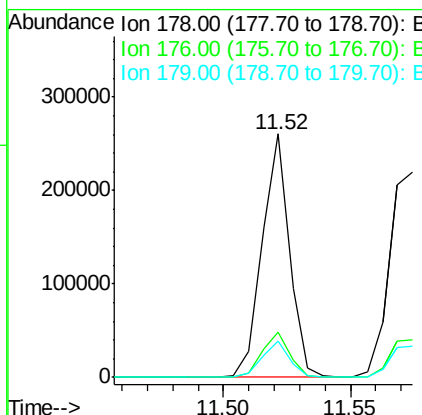
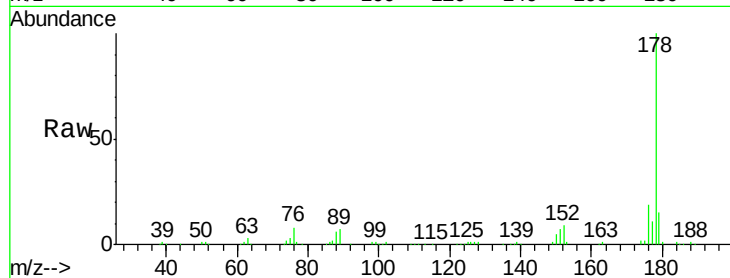
#71  
 Phenanthrene  
 Concen: 6.187 ng  
 RT: 11.52 min Scan# 1604  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.5  | 23.3  |
| 179     | 14.7  | 12.5  | 18.7  |

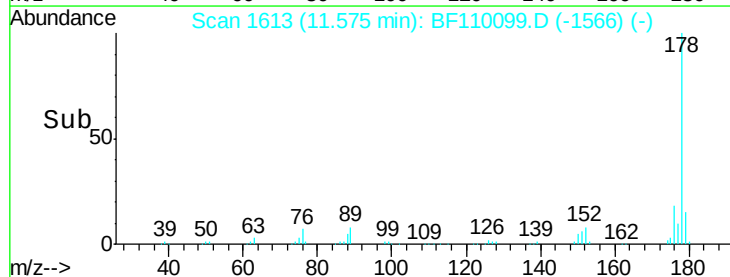
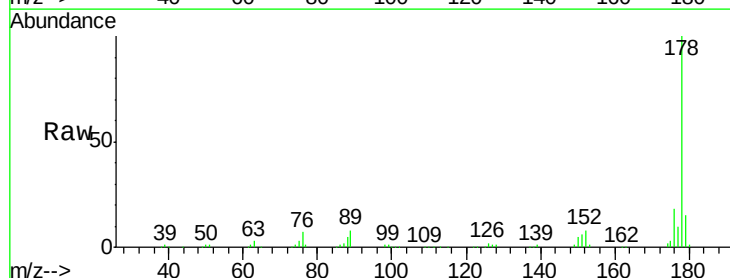
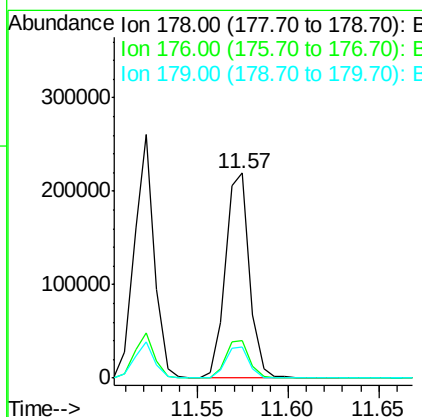
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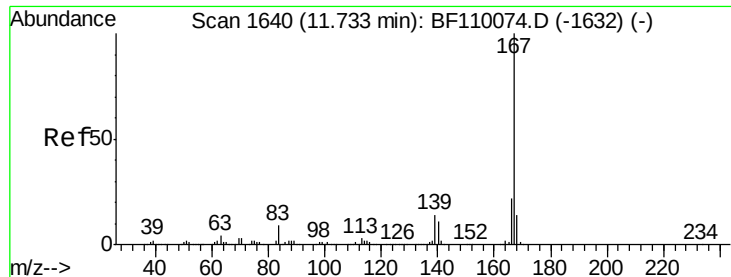


#72  
 Anthracene  
 Concen: 6.335 ng  
 RT: 11.57 min Scan# 1613  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.4  | 23.2  |
| 179     | 15.0  | 12.6  | 18.8  |







#73

Carbazole

Concen: 5.627 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

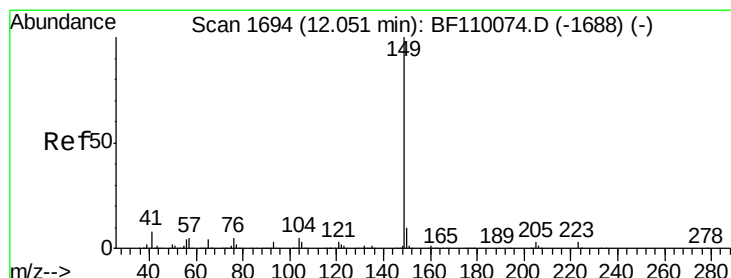
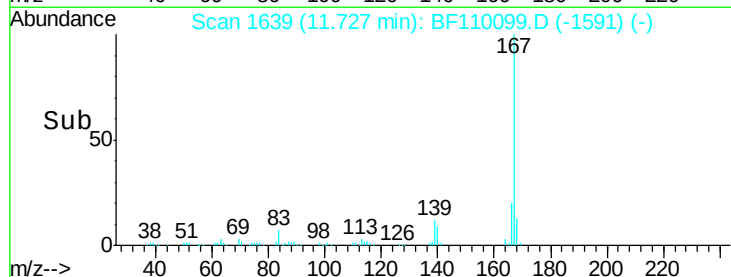
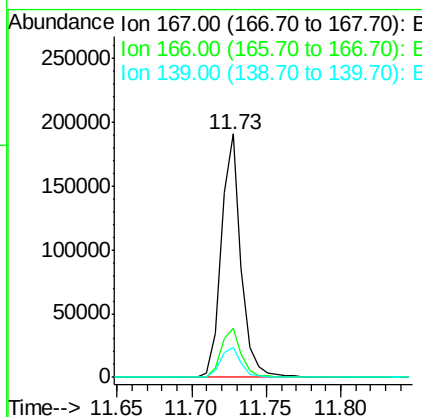
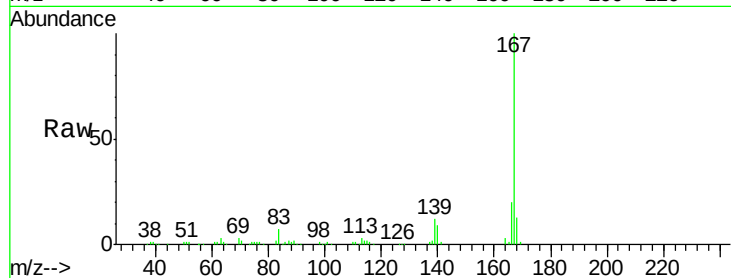
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 167  | Resp: | 175998 |
| Ion Ratio |      | Lower | Upper  |
| 167       | 100  |       |        |
| 166       | 20.4 | 17.4  | 26.0   |
| 139       | 12.2 | 10.9  | 16.3   |

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#74

Di-n-butylphthalate

Concen: 5.693 ng

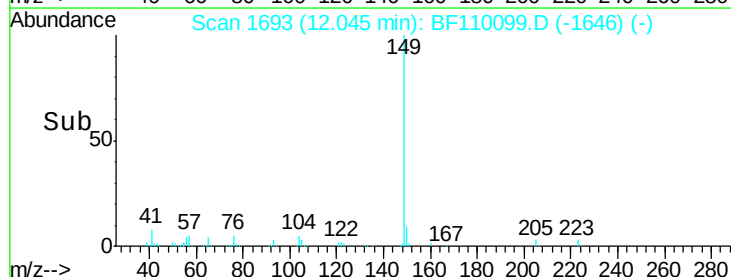
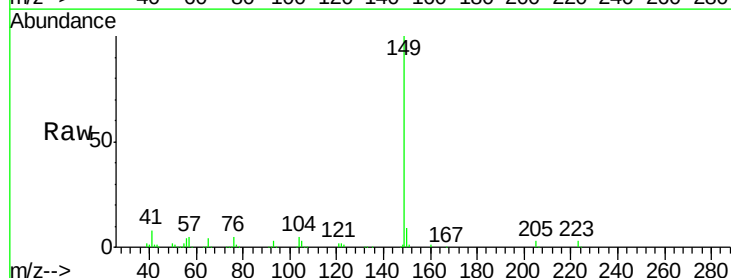
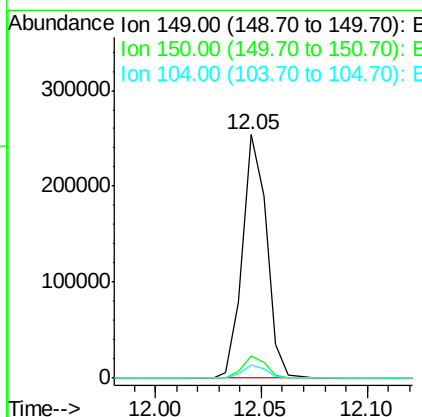
RT: 12.05 min Scan# 1693

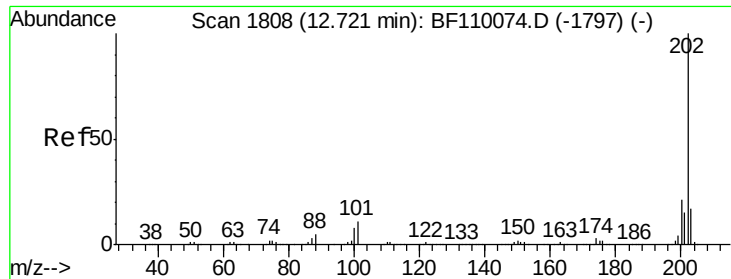
Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

|           |     |       |        |
|-----------|-----|-------|--------|
| Tgt Ion:  | 149 | Resp: | 201104 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 150       | 9.1 | 7.7   | 11.5   |
| 104       | 5.2 | 4.2   | 6.4    |





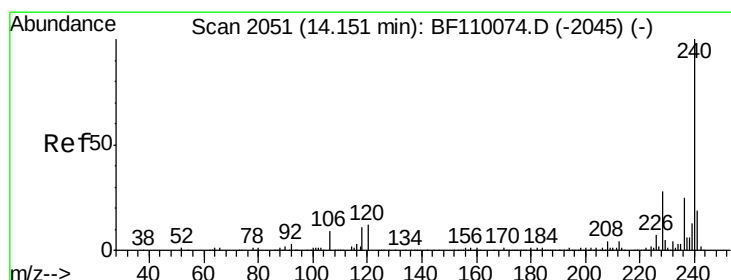
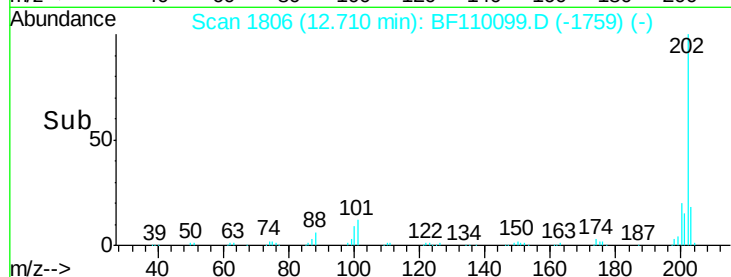
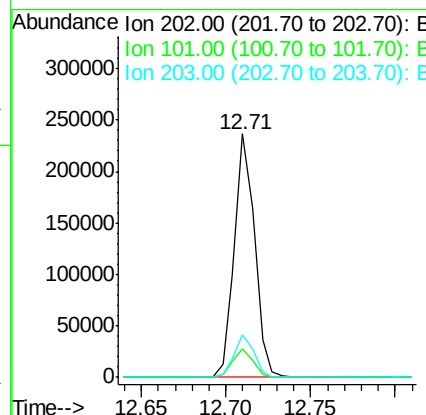
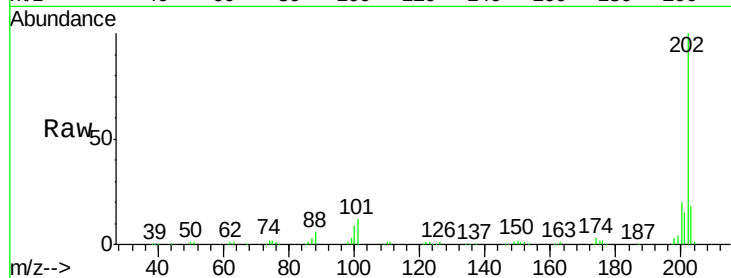
#75  
**Fluoranthene**  
 Concen: 6.066 ng  
 RT: 12.71 min Scan# 1806  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 11.6  | 0.0        | 31.4       |
| 203     | 17.8  | 0.0        | 37.7       |

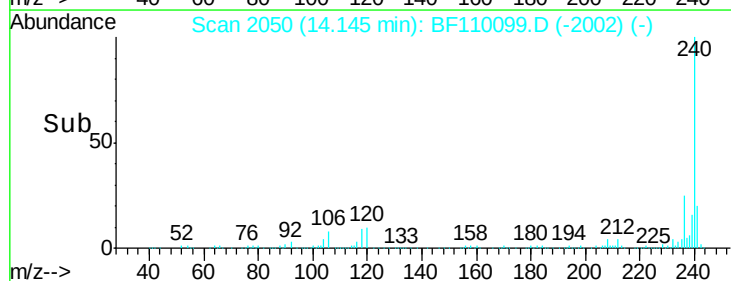
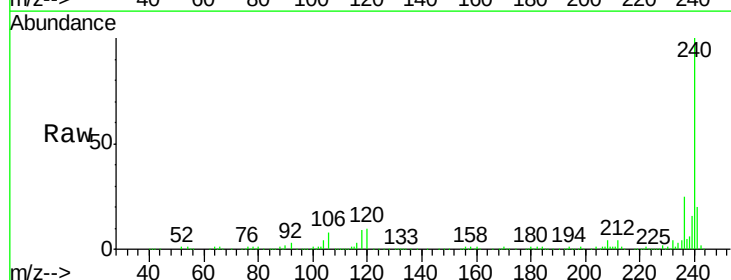
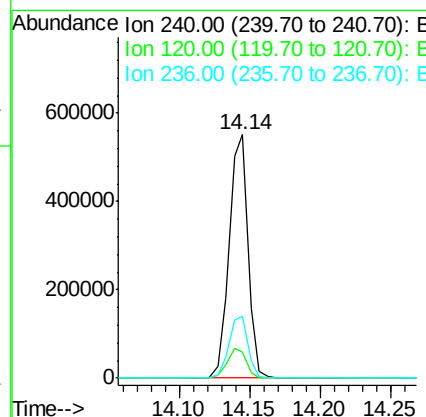
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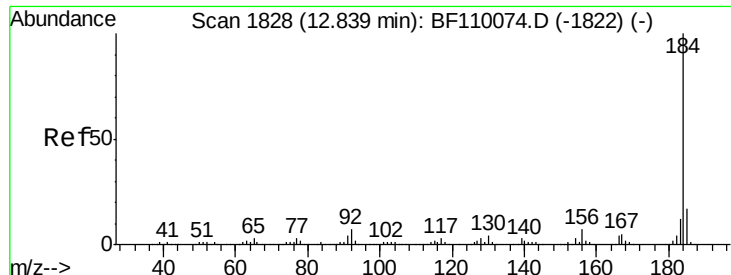
Sohil  
 10/24/2018 5:12:18 PM



#76  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 14.14 min Scan# 2050  
 Delta R.T. -0.02 min  
 Lab File: BF110099.D  
 Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 10.4  | 8.3        | 12.5       |
| 236     | 25.4  | 21.2       | 31.8       |





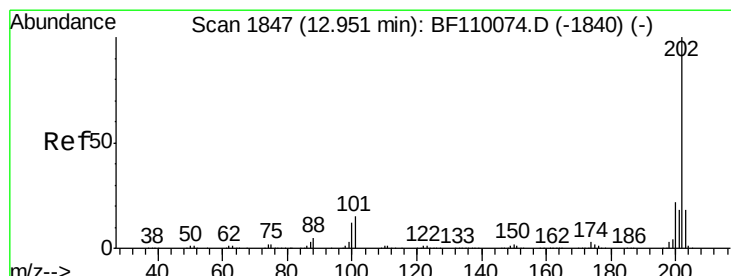
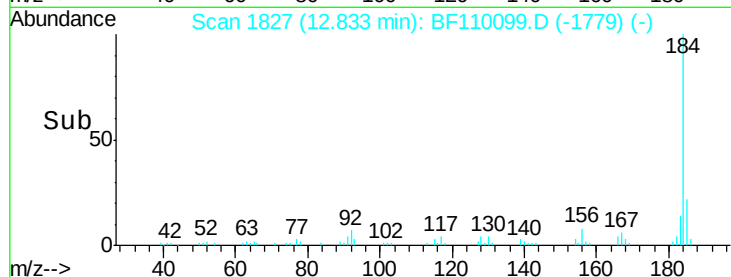
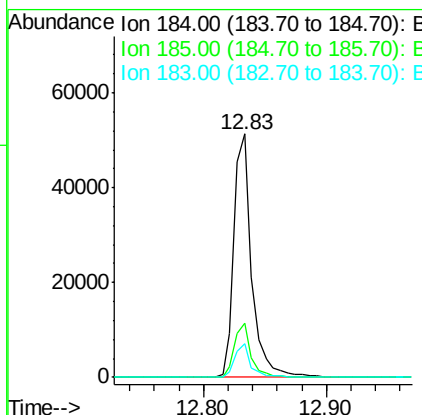
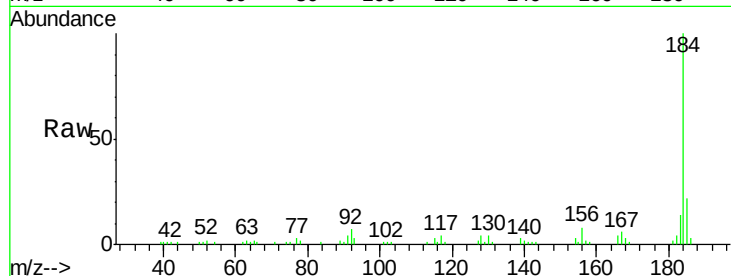
#77  
Benzidine  
Concen: 2.430 ng m  
RT: 12.83 min Scan# 1827  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 51548 |       |       |
| 185     | 22.3  | 13.4  | 20.2  |       |
| 183     | 13.7  | 9.4   | 14.2  |       |

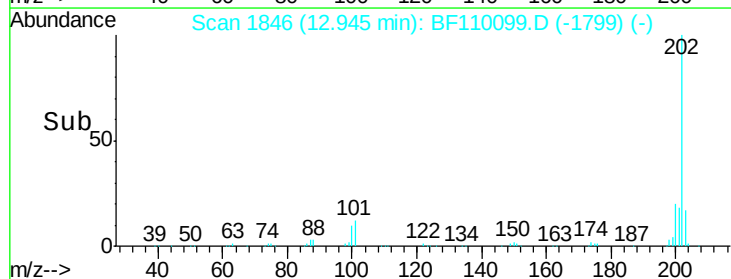
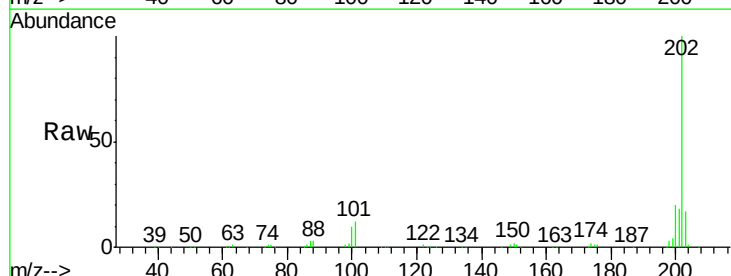
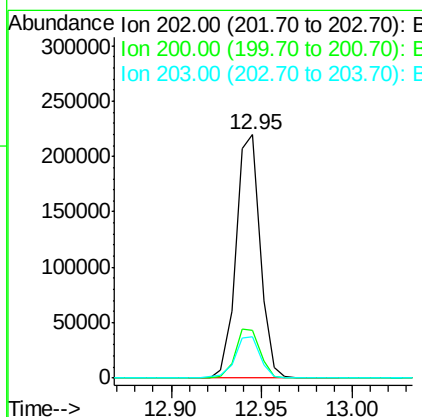
Manual Integrations  
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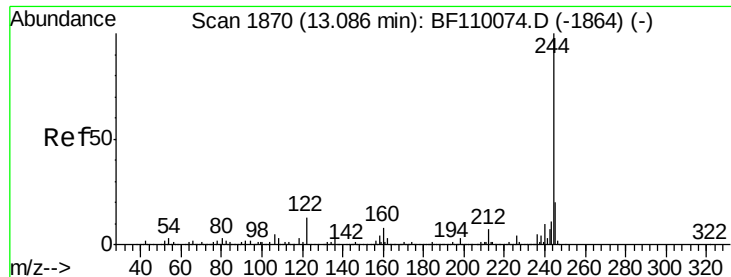
Sohil  
10/24/2018 5:12:18 PM



#78  
Pyrene  
Concen: 5.555 ng  
RT: 12.95 min Scan# 1846  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 203623 |       |       |
| 200     | 19.8  | 17.8   | 26.6  |       |
| 203     | 16.9  | 14.2   | 21.4  |       |





#79

Terphenyl-d14

Concen: 71.899 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:244 Resp: 1767547

Ion Ratio Lower Upper

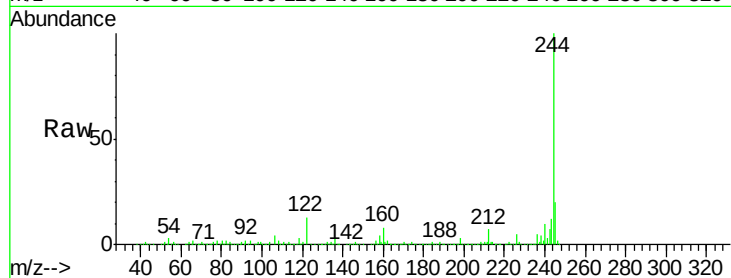
244 100

212 7.2 5.8 8.8

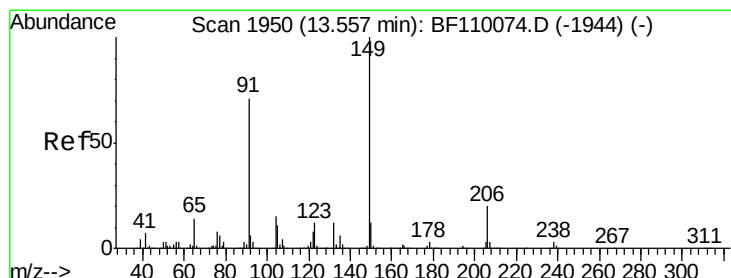
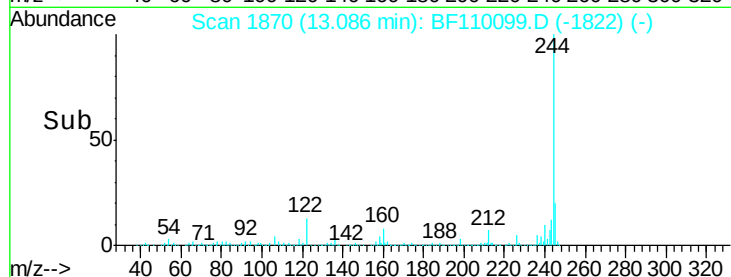
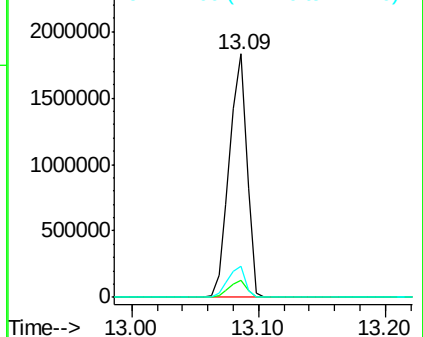
122 12.8 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E  
2500000  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.986 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

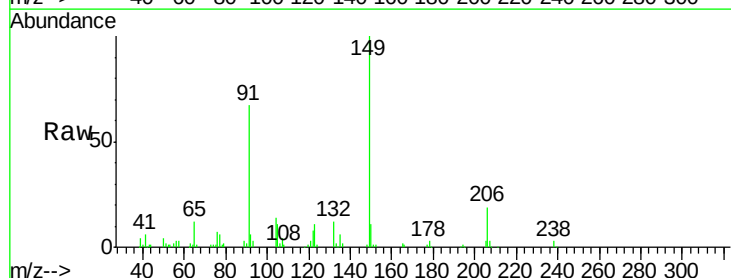
Tgt Ion:149 Resp: 79324

Ion Ratio Lower Upper

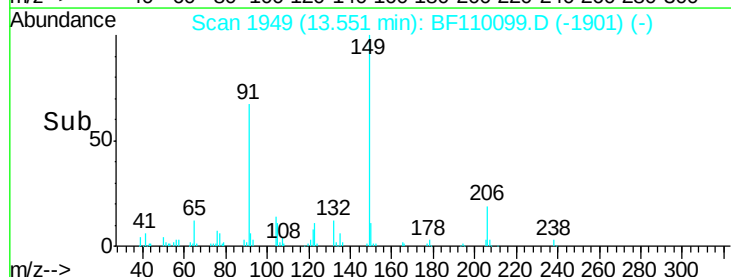
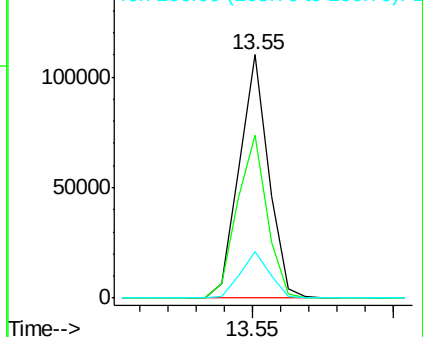
149 100

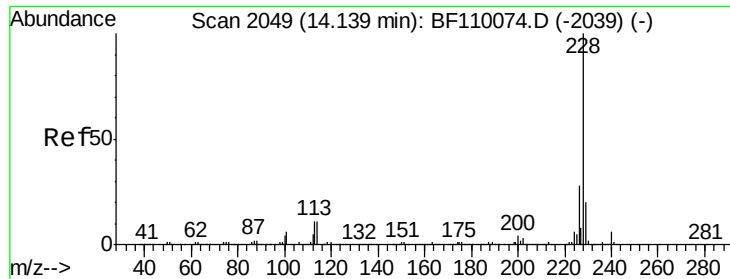
91 66.9 57.2 85.8

206 18.9 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E  
150000  
Ion 91.00 (90.70 to 91.70): BF1  
Ion 206.00 (205.70 to 206.70): E





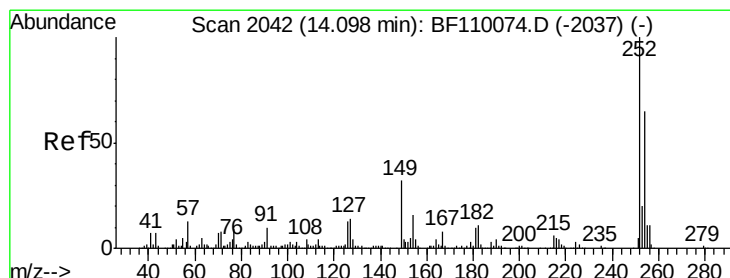
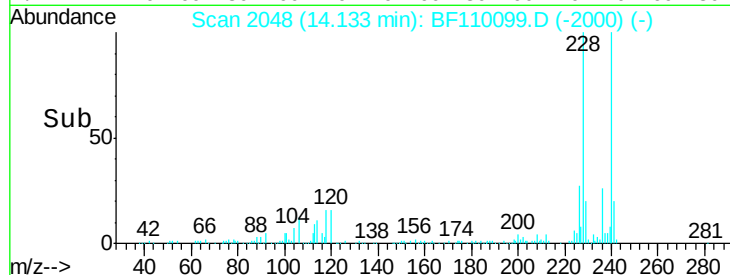
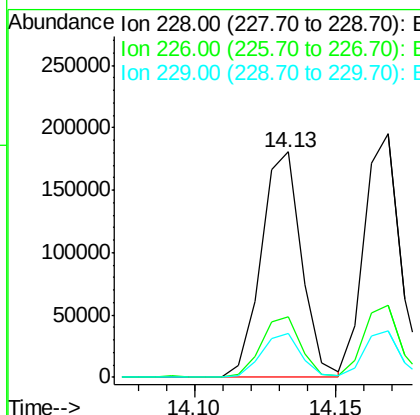
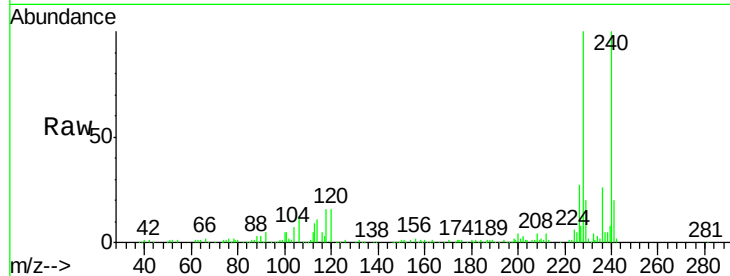
#81  
Benzo(a)anthracene  
Concen: 5.908 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 179129 |       |       |
| 226     | 26.8  | 22.1   | 33.1  |       |
| 229     | 19.6  | 15.6   | 23.4  |       |

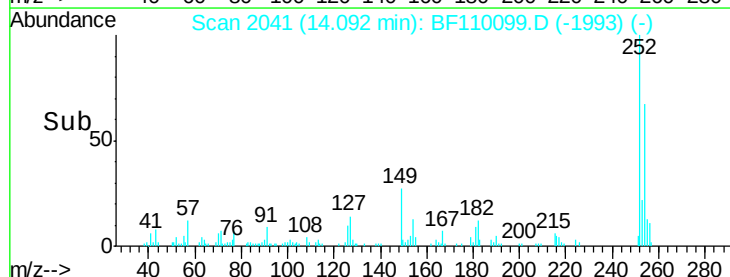
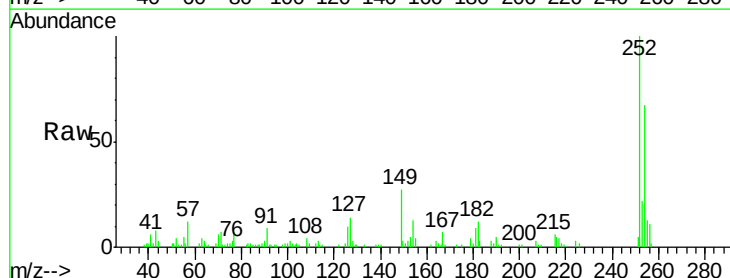
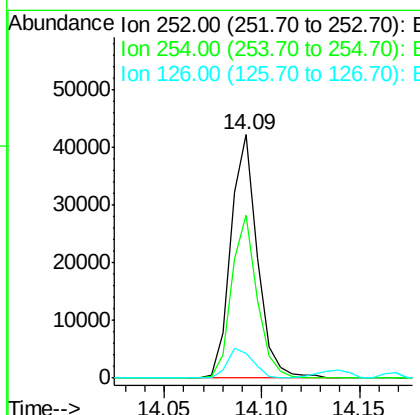
Manual Integrations  
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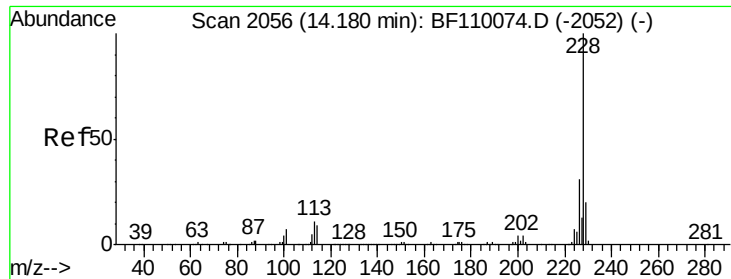
Sohil  
10/24/2018 5:12:18 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 3.760 ng  
RT: 14.09 min Scan# 2041  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 39696 |       |       |
| 254     | 67.2  | 51.3  | 76.9  |       |
| 126     | 10.3  | 9.4   | 14.2  |       |





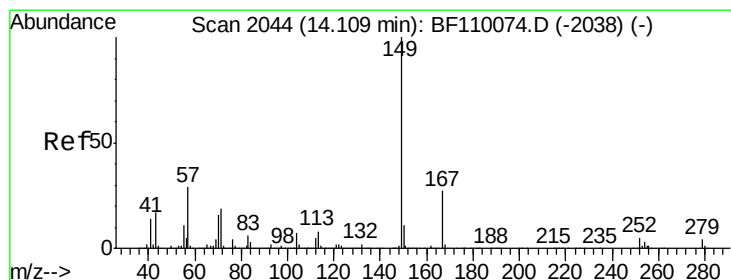
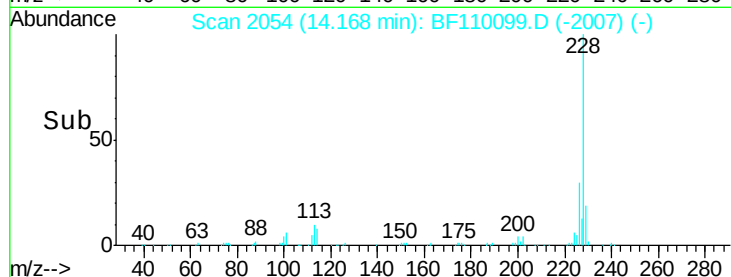
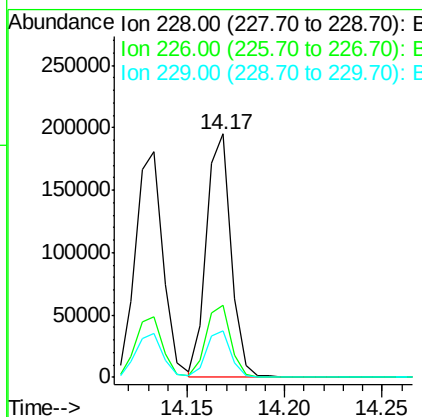
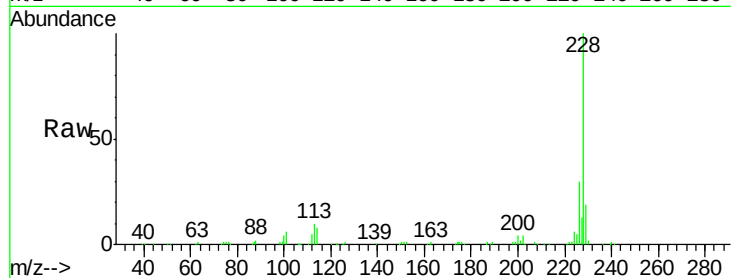
#83  
Chrysene  
Concen: 5.940 ng  
RT: 14.17 min Scan# 2054  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

Tgt Ion: 228 Resp: 171063  
Ion Ratio Lower Upper  
228 100  
226 29.7 24.7 37.1  
229 19.1 15.9 23.9

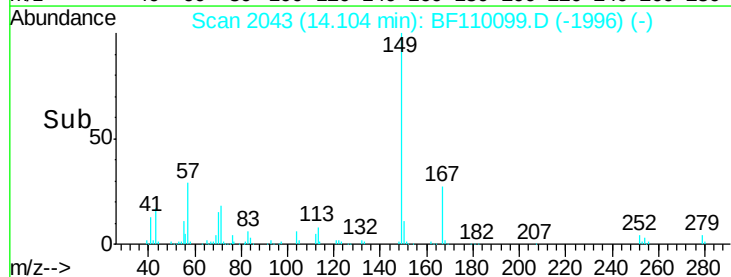
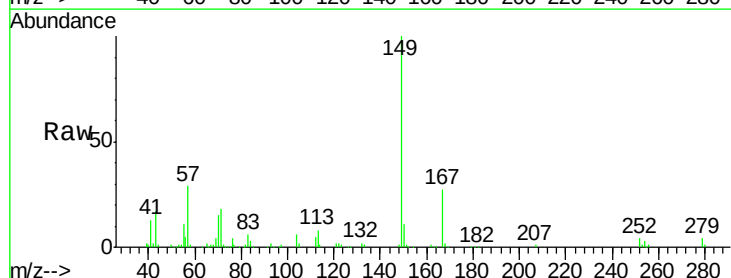
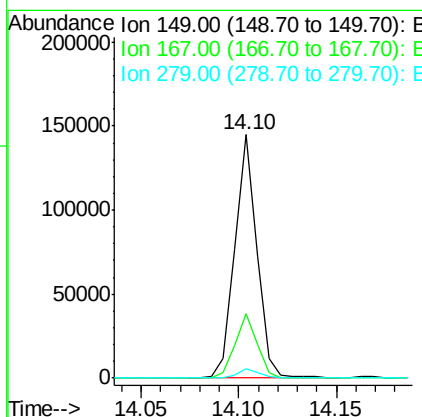
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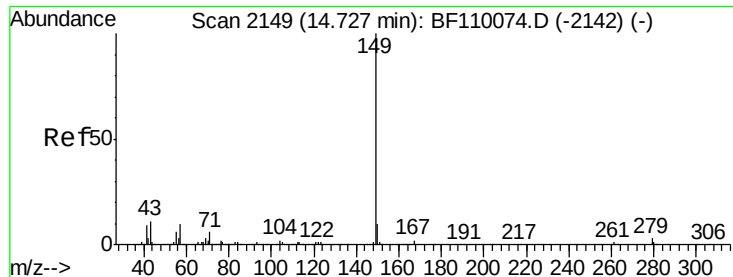
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.290 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Tgt Ion: 149 Resp: 113777  
Ion Ratio Lower Upper  
149 100  
167 26.7 19.8 29.8  
279 3.6 2.7 4.1





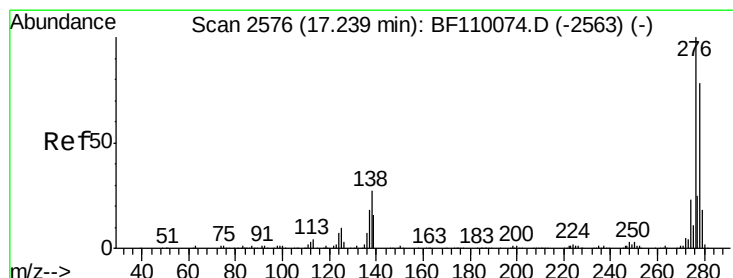
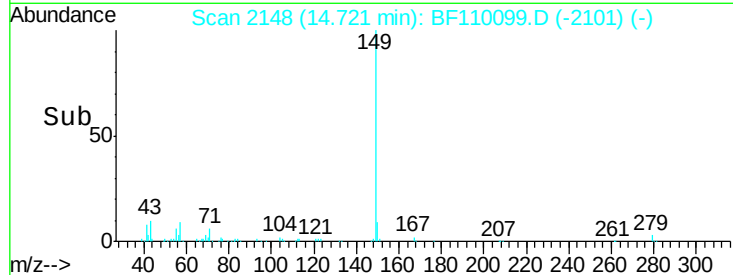
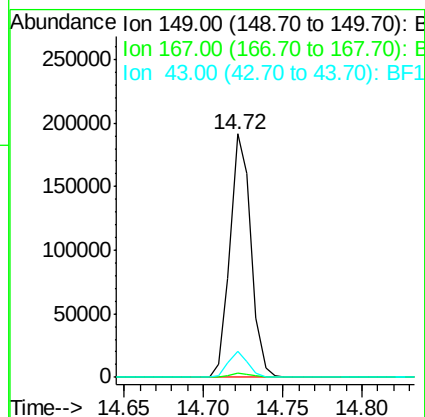
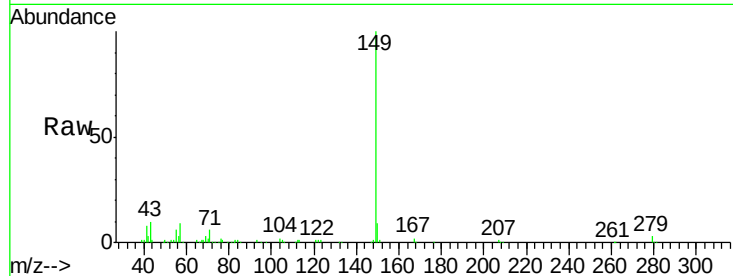
#85  
Di-n-octyl phthalate  
Concen: 5.261 ng  
RT: 14.72 min Scan# 2148  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.6   | 1.1        | 1.7        |
| 43      | 10.4  | 7.8        | 11.8       |

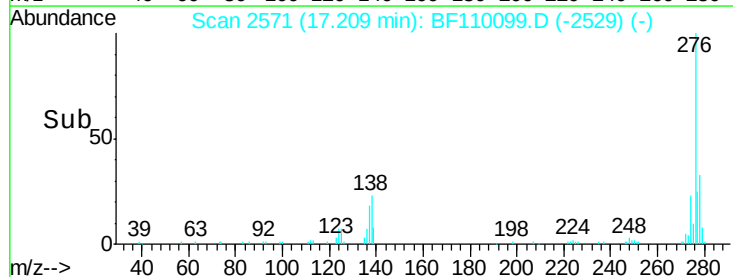
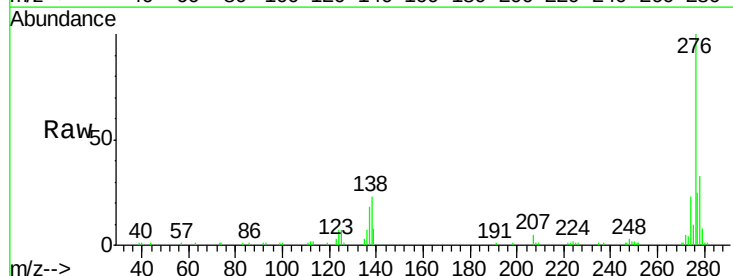
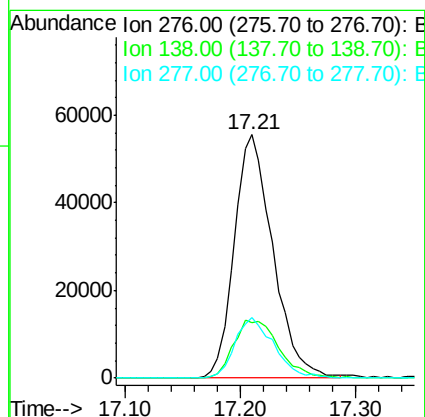
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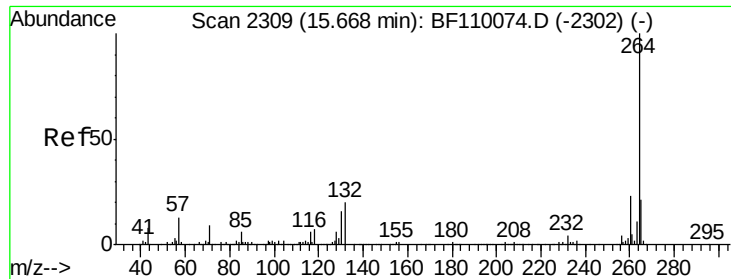
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 5.397 ng  
RT: 17.21 min Scan# 2571  
Delta R.T. -0.05 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 28.1  | 18.5       | 27.7#      |
| 277     | 25.2  | 20.0       | 30.0       |





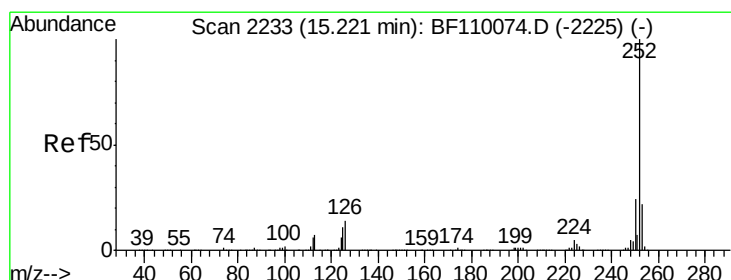
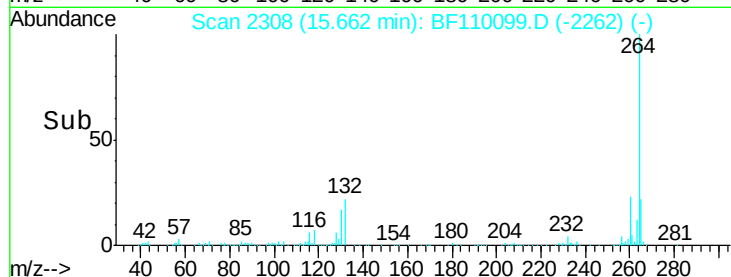
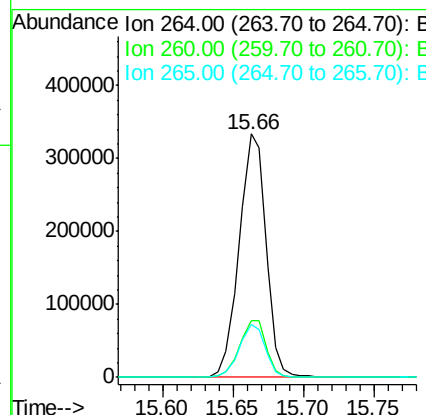
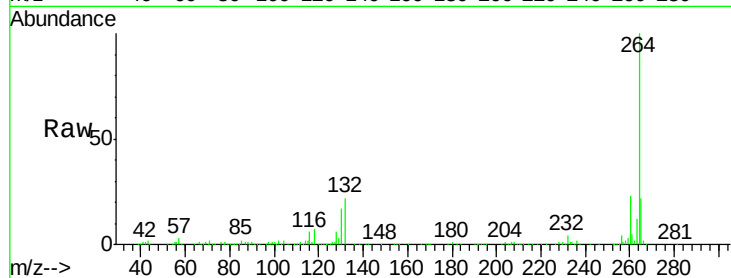
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.66 min Scan# 2308  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 18.7  | 28.1  |
| 265     | 21.9  | 16.7  | 25.1  |

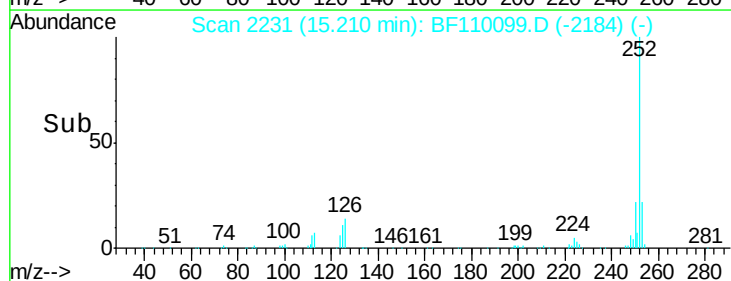
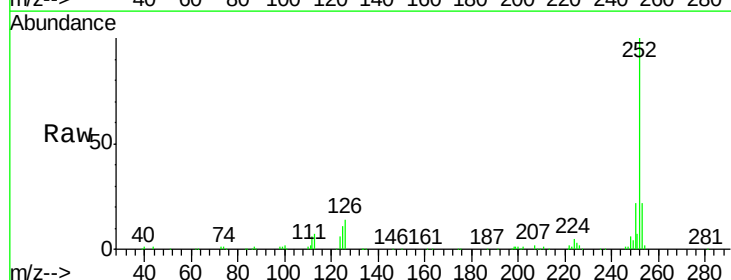
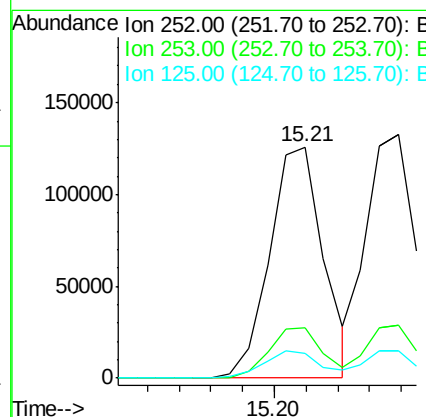
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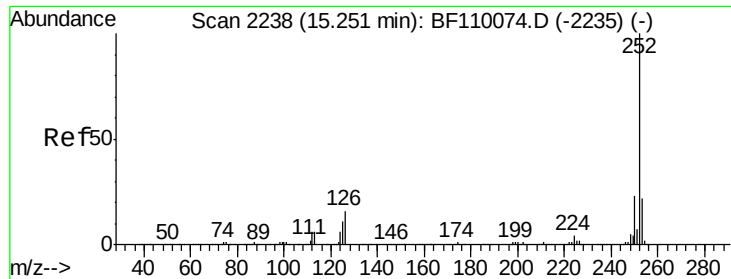


#88  
Benzo(b)fluoranthene  
Concen: 5.802 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.02 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.2  | 25.8  |
| 125     | 10.5  | 8.2   | 12.4  |







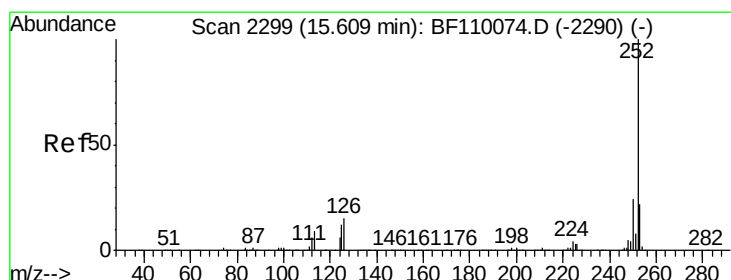
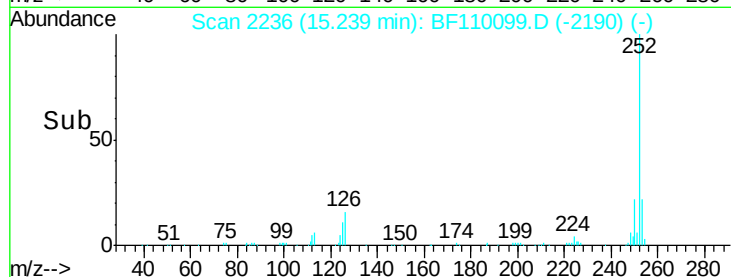
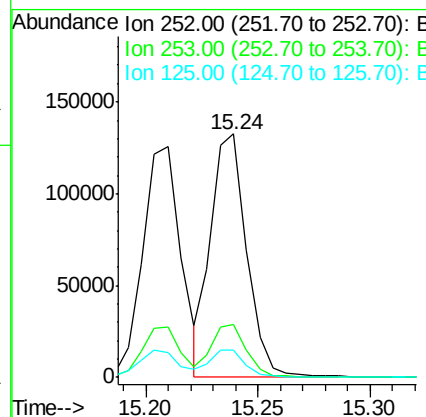
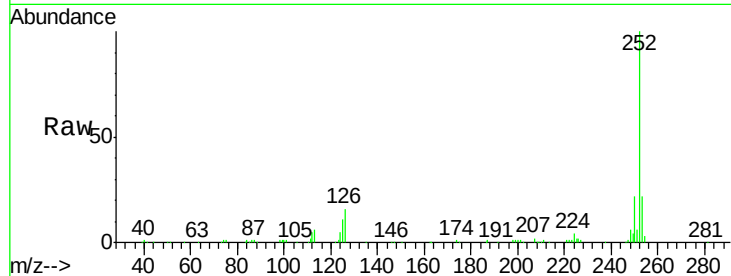
#89  
Benzo(k)fluoranthene  
Concen: 5.894 ng m  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.03 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 252 | 100  |       |       |       |
| 253 | 21.7 | 17.2  | 25.8  |       |
| 125 | 11.2 | 7.4   | 11.0  |       |

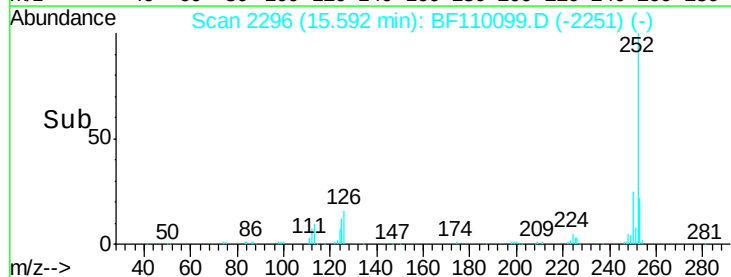
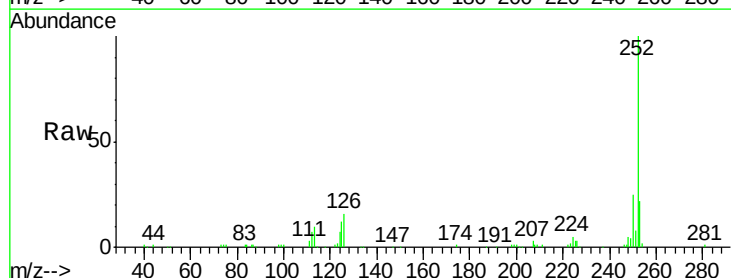
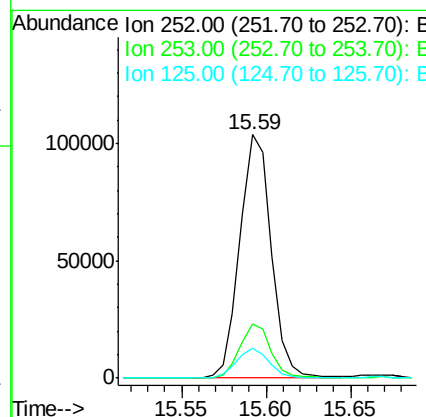
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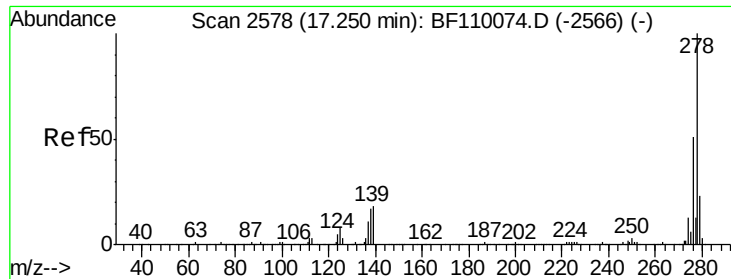
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#90  
Benzo(a)pyrene  
Concen: 5.739 ng  
RT: 15.59 min Scan# 2296  
Delta R.T. -0.04 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 252 | 100  |       |       |       |
| 253 | 22.2 | 18.2  | 27.4  |       |
| 125 | 12.5 | 9.0   | 13.6  |       |





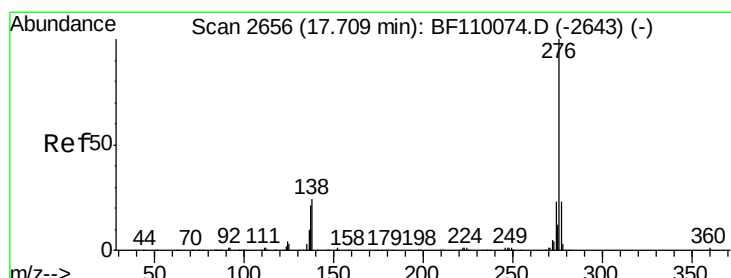
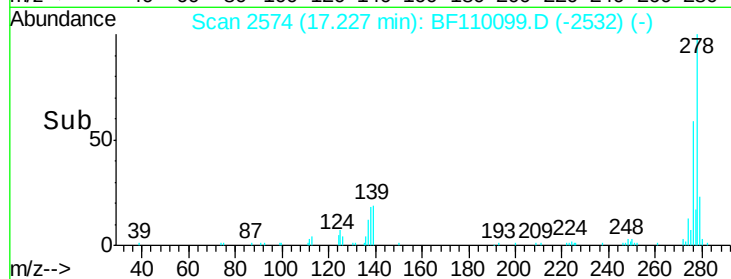
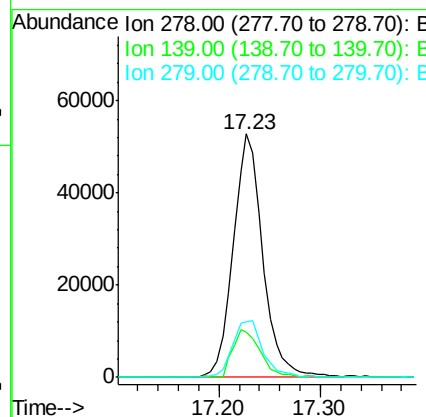
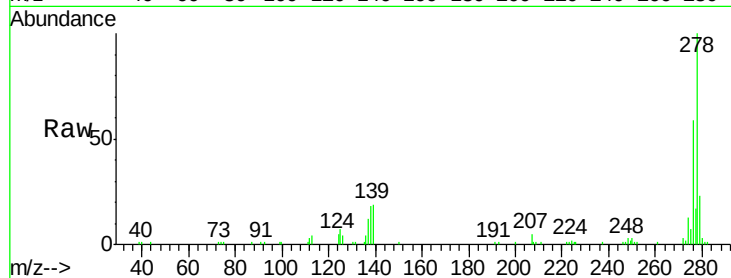
#91  
Dibenzo(a,h)anthracene  
Concen: 5.253 ng  
RT: 17.23 min Scan# 2574  
Delta R.T. -0.05 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.8  | 12.7  | 19.1  |
| 279     | 22.8  | 19.0  | 28.4  |

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#92  
Benzo(g,h,i)perylene  
Concen: 5.151 ng  
RT: 17.68 min Scan# 2651  
Delta R.T. -0.06 min  
Lab File: BF110099.D  
Acq: 24 Oct 2018 1:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.1  | 18.8  | 28.2  |
| 138     | 22.8  | 16.0  | 24.0  |

