

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF102318\  
 Data File : BF110097.D  
 Acq On : 24 Oct 2018 00:16  
 Operator : JU/SJ  
 Sample : J5164-09  
 Misc : MDL 1PPM  
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Sohil  
 10/24/2018 5:12:14 PM

Quant Time: Oct 24 06:48:06 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  | 166941   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.25  | 136  | 715159   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 10.00 | 164  | 345377   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.50 | 188  | 673867   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 14.14 | 240  | 569591   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.66 | 264  | 481151   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 1249284 | 121.86 | ng | -0.02 |
| 7) Phenol-d6             | 6.59  | 99  | 1569190 | 119.67 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 914080  | 75.81  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 423977  | 123.93 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 9.32  | 172 | 1688258 | 76.76  | ng | -0.02 |
| 79) Terphenyl-d14        | 13.09 | 244 | 1771441 | 64.68  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.83 | 88  | 5276   | 0.982 | ng | 94     |
| 3) Pyridine                    | 3.75 | 79  | 9071m  | 0.758 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.58 | 42  | 4214   | 0.841 | ng | # 77   |
| 6) Aniline                     | 6.63 | 93  | 11038  | 0.646 | ng | # 55   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 11985  | 1.014 | ng | 94     |
| 9) Benzaldehyde                | 6.52 | 77  | 8265   | 0.103 | ng | 88     |
| 10) Phenol                     | 6.59 | 94  | 14308  | 1.021 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.69 | 93  | 11218  | 0.973 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 12904  | 0.992 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 13022m | 0.990 | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 12381  | 1.014 | ng | 99     |
| 15) Benzyl Alcohol             | 7.12 | 79  | 21129  | 2.095 | ng | # 44   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 18692  | 1.014 | ng | 70     |
| 17) 2-Methylphenol             | 7.20 | 107 | 9676   | 1.027 | ng | # 82   |
| 18) Hexachloroethane           | 7.47 | 117 | 4707   | 0.977 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 7620   | 0.906 | ng | # 93   |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 11764  | 0.966 | ng | # 82   |
| 22) Acetophenone               | 7.36 | 105 | 16756  | 1.017 | ng | 94     |
| 24) Nitrobenzene               | 7.54 | 77  | 14330  | 1.151 | ng | 94     |
| 25) Isophorone                 | 7.77 | 82  | 22205m | 1.080 | ng |        |
| 26) 2-Nitrophenol              | 7.86 | 139 | 4363   | 0.737 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 10138  | 1.032 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 14365  | 1.029 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 8577   | 0.864 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180 | 9978   | 0.898 | ng | 96     |
| 31) Naphthalene                | 8.27 | 128 | 35826  | 1.087 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 10138  | 1.336 | ng | # 11   |
| 33) 4-Chloroaniline            | 8.32 | 127 | 9222   | 0.622 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.38 | 225 | 5665   | 0.918 | ng | 98     |
| 35) Caprolactam                | 8.64 | 113 | 2363   | 0.683 | ng | # 77   |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 9244   | 0.862 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 23673  | 1.086 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.06 | 142 | 23000  | 1.091 | ng | # 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 10180  | 0.946 | ng | 98     |

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Instrument :  
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Manual Integrations  
 APPROVED

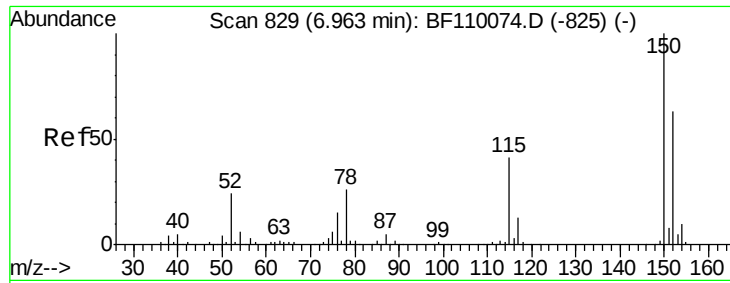
Sohil  
 10/24/2018 5:12:14 PM

Quant Time: Oct 24 06:48:06 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102318.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.11  | 237  | 4122     | 0.749 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.23  | 196  | 5706     | 0.822 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 6255     | 0.853 | ng #  | 82       |
| 46) 1,1'-Biphenyl              | 9.42  | 154  | 34169    | 1.094 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.45  | 162  | 22548    | 0.984 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.55  | 65   | 5622     | 0.810 | ng    | 94       |
| 49) Acenaphthylene             | 9.87  | 152  | 34618    | 1.046 | ng    | 96       |
| 50) Dimethylphthalate          | 9.71  | 163  | 24820    | 0.974 | ng    | 97       |
| 51) 2,6-Dinitrotoluene         | 9.78  | 165  | 4465     | 0.813 | ng    | 91       |
| 52) Acenaphthene               | 10.04 | 154  | 23057    | 1.053 | ng    | 96       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 4820     | 0.738 | ng #  | 99       |
| 54) 2,4-Dinitrophenol          | 10.06 | 184  | 117      | 5.225 | ng #  | 34       |
| 55) Dibenzofuran               | 10.21 | 168  | 33125    | 1.081 | ng    | 94       |
| 56) 4-Nitrophenol              | 10.10 | 139  | 2826     | 0.585 | ng    | 86       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 5945     | 0.852 | ng #  | 89       |
| 58) Fluorene                   | 10.56 | 166  | 25823    | 1.132 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 4826     | 0.807 | ng #  | 94       |
| 60) Diethylphthalate           | 10.42 | 149  | 24723    | 0.993 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.55 | 204  | 12403    | 1.031 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 5193     | 0.799 | ng    | 88       |
| 63) Azobenzene                 | 10.70 | 77   | 24683    | 0.999 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.59 | 198  | 1130     | 0.367 | ng    | 77       |
| 66) n-Nitrosodiphenylamine     | 10.66 | 169  | 21825    | 0.987 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 11.04 | 248  | 7320     | 1.001 | ng    | 88       |
| 68) Hexachlorobenzene          | 11.10 | 284  | 7439     | 0.959 | ng #  | 91       |
| 69) Atrazine                   | 11.18 | 200  | 6527     | 0.934 | ng    | 97       |
| 70) Pentachlorophenol          | 11.30 | 266  | 1270     | 0.281 | ng #  | 84       |
| 71) Phenanthrene               | 11.52 | 178  | 40515    | 1.149 | ng    | 99       |
| 72) Anthracene                 | 11.57 | 178  | 40243    | 1.139 | ng    | 99       |
| 73) Carbazole                  | 11.73 | 167  | 33168    | 0.961 | ng    | 96       |
| 74) Di-n-butylphthalate        | 12.05 | 149  | 37408    | 0.960 | ng #  | 96       |
| 75) Fluoranthene               | 12.72 | 202  | 38714    | 1.082 | ng    | 97       |
| 77) Benzidine                  | 12.83 | 184  | 5480     | 0.228 | ng    | 97       |
| 78) Pyrene                     | 12.95 | 202  | 38217    | 0.936 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.55 | 149  | 13472    | 0.760 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.13 | 228  | 35772    | 1.059 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 6795     | 0.578 | ng #  | 99       |
| 83) Chrysene                   | 14.17 | 228  | 34637    | 1.080 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 19770    | 0.825 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 14.72 | 149  | 29154    | 0.783 | ng #  | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.21 | 276  | 23748    | 0.892 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 15.21 | 252  | 27563    | 0.992 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 28503    | 1.043 | ng    | 95       |
| 90) Benzo(a)pyrene             | 15.59 | 252  | 25493    | 0.997 | ng #  | 94       |
| 91) Dibenzo(a,h)anthracene     | 17.23 | 278  | 19176    | 0.869 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.69 | 276  | 19091    | 0.878 | ng #  | 90       |

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





#1

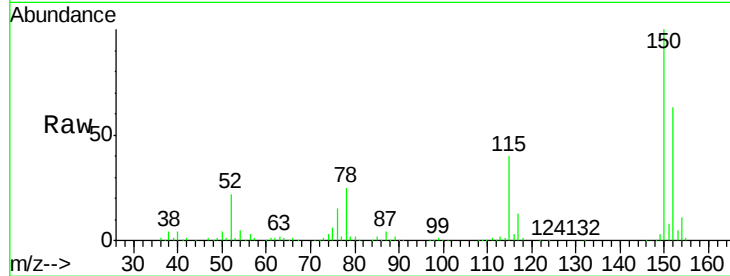
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Concen: 20.000 ng  
RT: 6.96 min Scan# 829  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.2 | 122.7 | 184.1 |
| 115     | 62.7  | 49.1  | 73.7  |

Manual Integrations  
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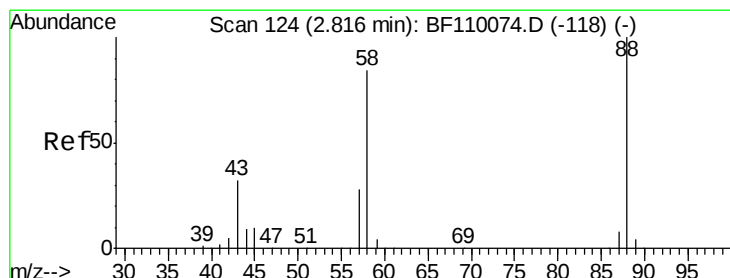
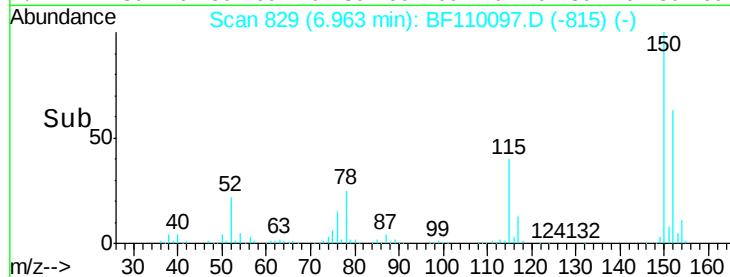
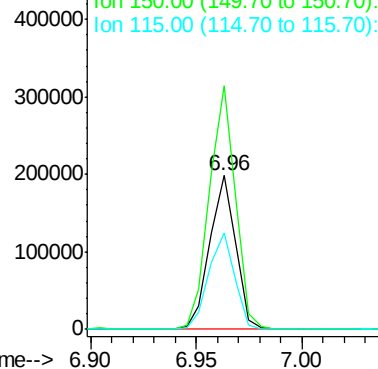


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

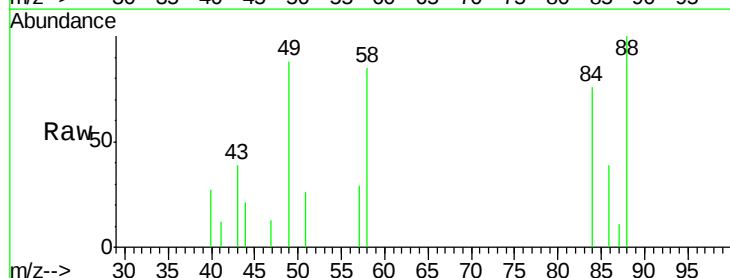
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 0.982 ng  
RT: 2.83 min Scan# 127  
Delta R.T. -0.01 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.9  | 57.1  | 85.7  |
| 43      | 30.9  | 24.1  | 36.1  |

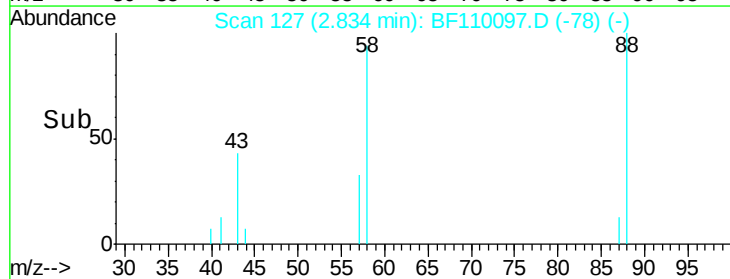
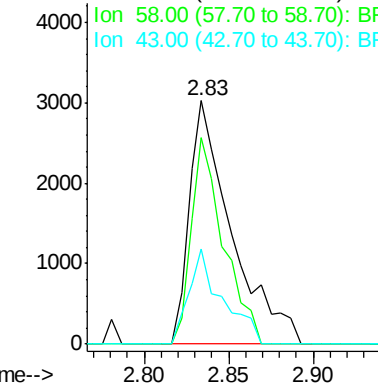


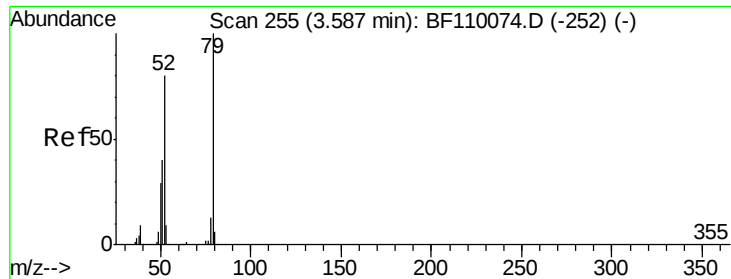
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





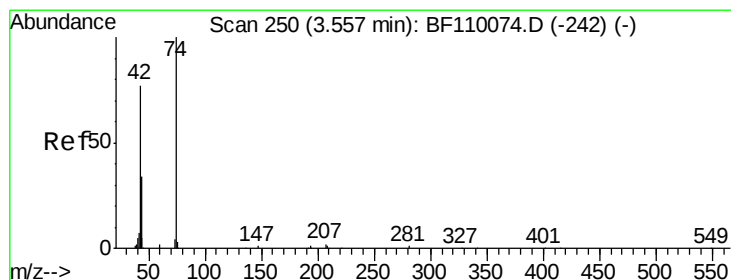
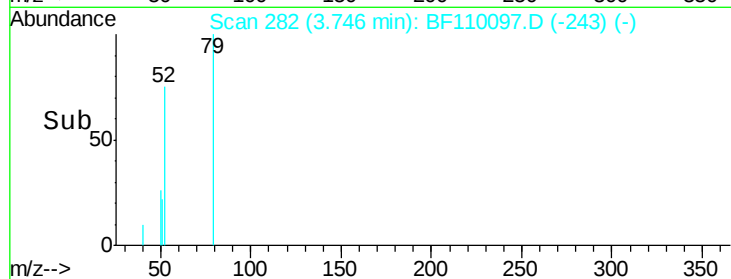
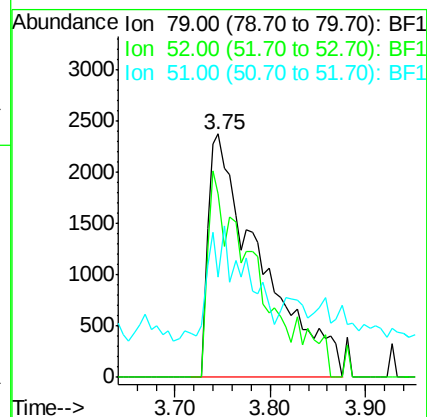
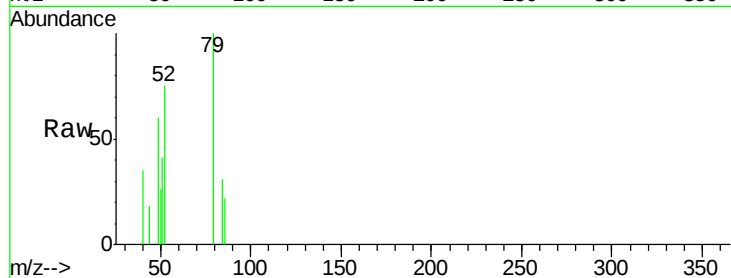
#3  
Pyridine  
Concen: 0.758 ng m  
RT: 3.75 min Scan# 282  
Delta R.T. 0.13 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 75.5  | 53.1  | 79.7  |
| 51      | 41.0  | 27.4  | 41.2  |

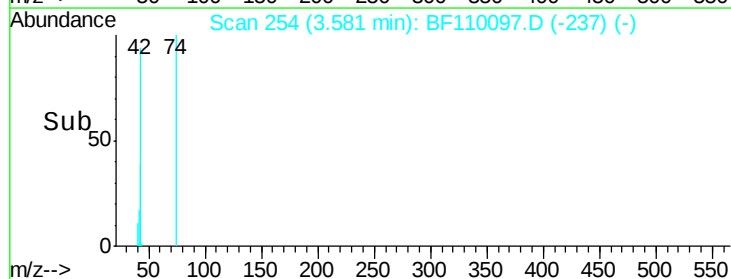
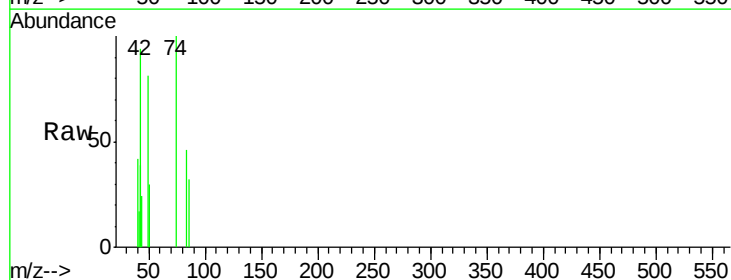
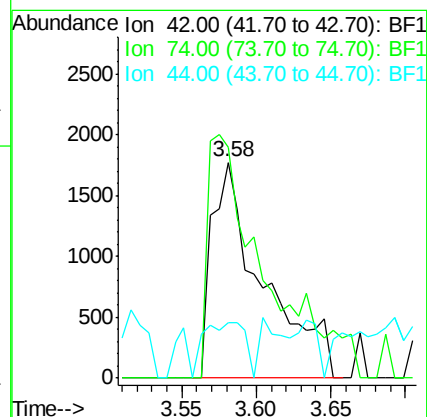
Manual Integrations  
APPROVED

Sohil  
10/24/2018 5:12:14 PM



#4  
n-Nitrosodimethylamine  
Concen: 0.841 ng  
RT: 3.58 min Scan# 254  
Delta R.T. -0.00 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 106.9 | 105.5 | 158.3 |
| 44      | 25.8  | 4.9   | 7.3#  |





#5

2-Fluorophenol

Concen: 121.863 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

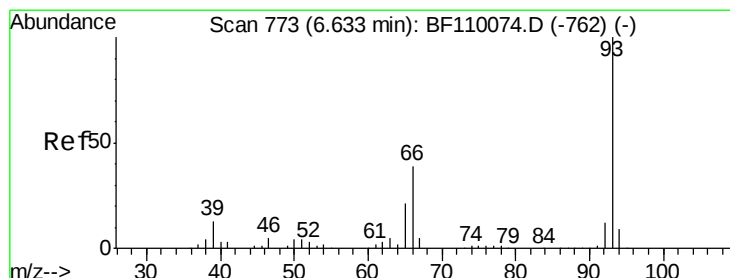
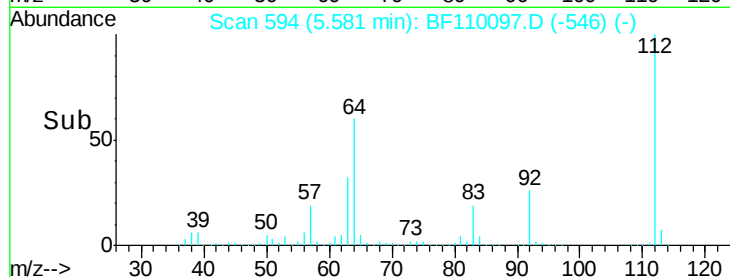
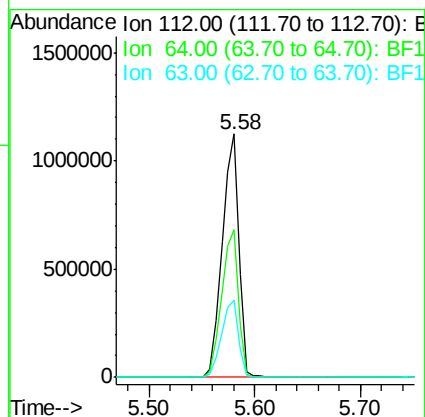
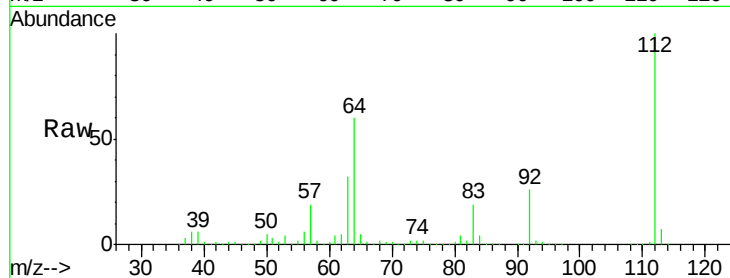
ClientSampleId :

MDL-WATER-03-QT4-2018

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1249284 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 60.4  | 44.1  | 66.1    |
| 63       | 31.6  | 23.7  | 35.5    |

Manual Integrations  
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10/24/2018 5:12:14 PM



#6

Aniline

Concen: 0.646 ng

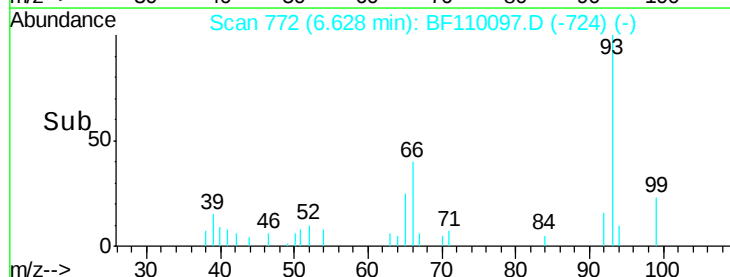
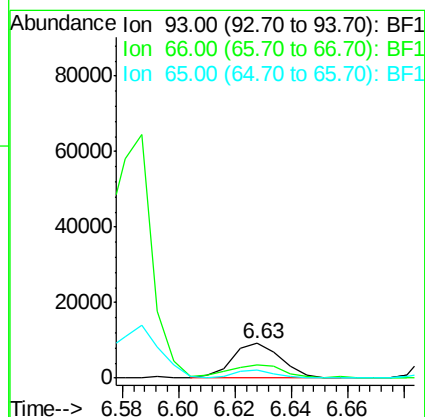
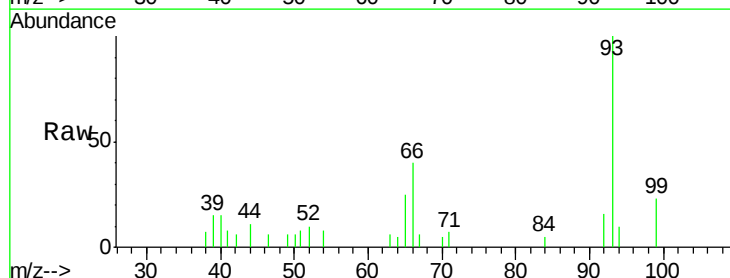
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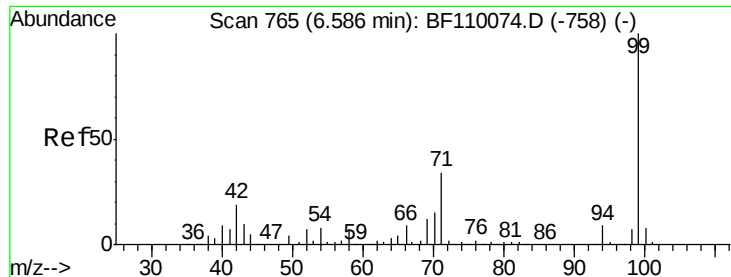
Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 11038  |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 39.5  | 67.4  | 101.0# |
| 65       | 25.1  | 41.0  | 61.4#  |





#7

Phenol-d6

Concen: 119.672 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 99 Resp: 1569190

Ion Ratio Lower Upper

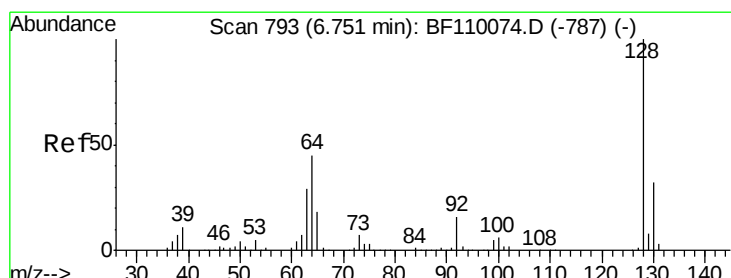
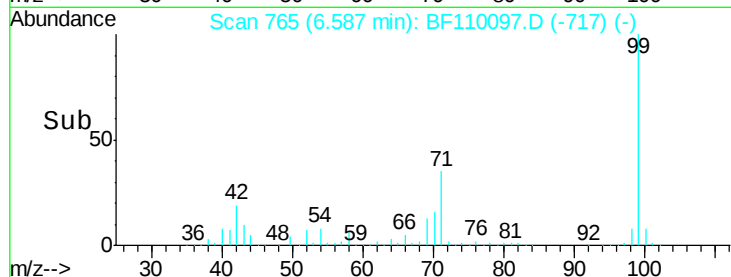
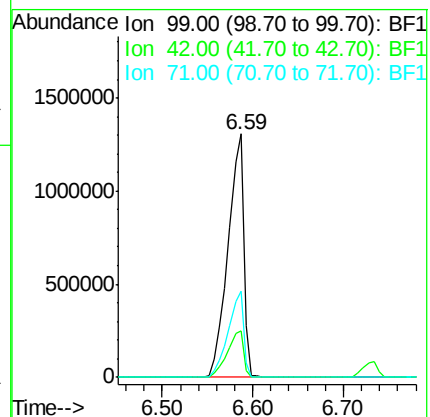
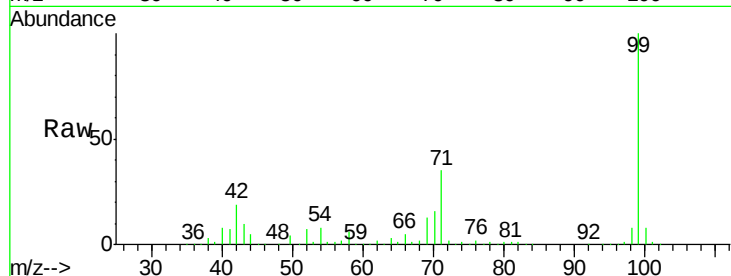
99 100

42 19.3 15.8 23.6

71 35.4 28.0 42.0

Manual Integrations  
APPROVED

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10/24/2018 5:12:14 PM



#8

2-Chlorophenol

Concen: 1.014 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

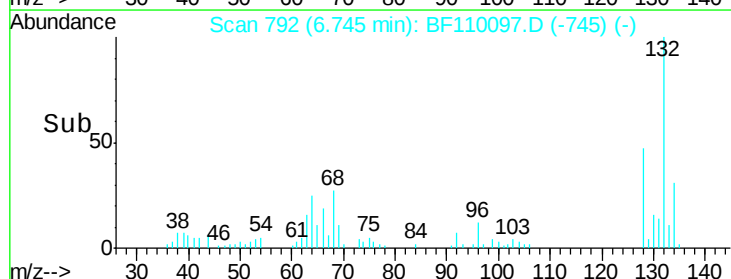
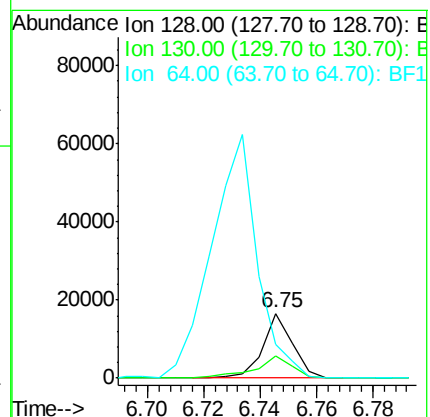
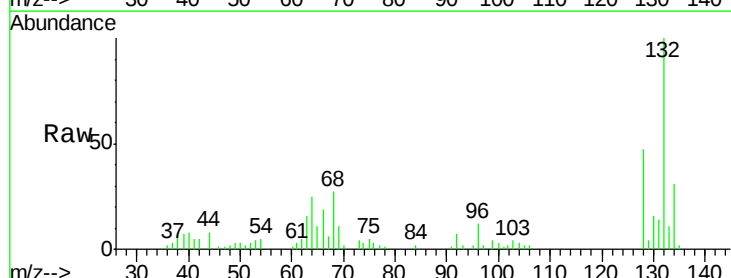
Tgt Ion: 128 Resp: 11985

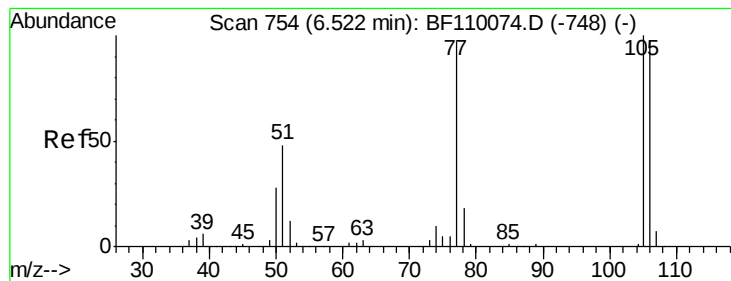
Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

64 52.9 26.0 66.0





#9

Benzaldehyde

Concen: 0.103 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

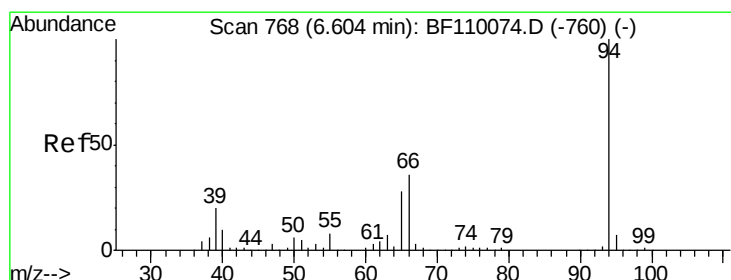
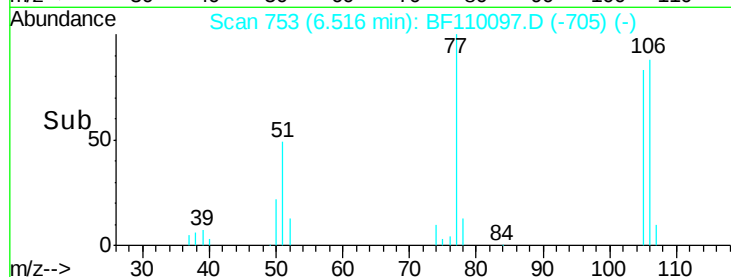
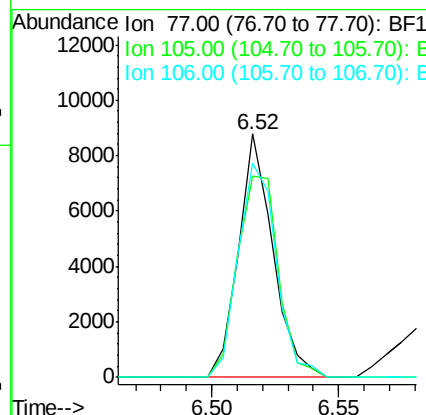
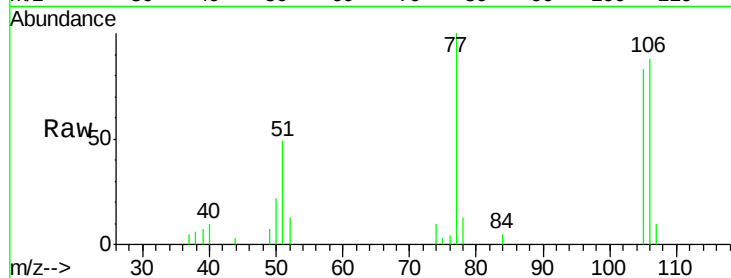
ClientSampleId :

MDL-WATER-03-QT4-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 8265  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 82.7  | 78.6  | 118.6 |
| 106      | 88.1  | 74.8  | 114.8 |

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#10

Phenol

Concen: 1.021 ng

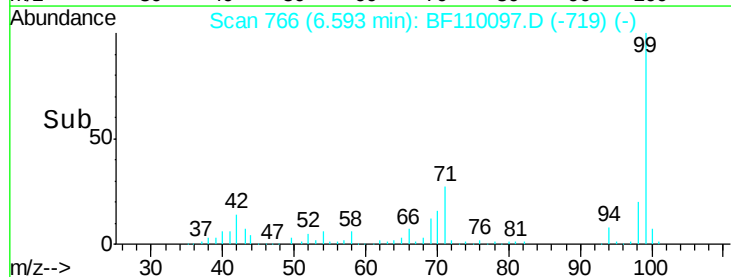
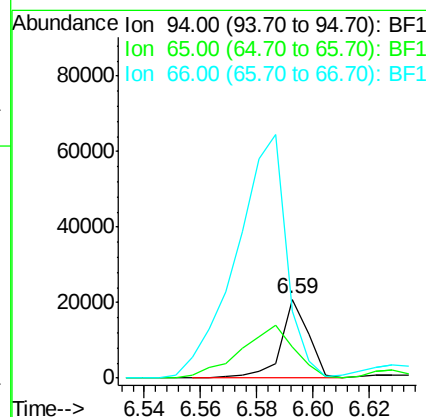
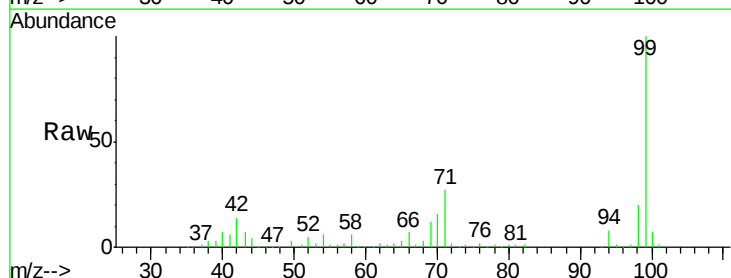
RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 14308 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 39.8  | 25.3  | 65.3  |
| 66       | 85.3  | 54.5  | 94.5  |





#11

bis(2-Chloroethyl)ether

Concen: 0.973 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

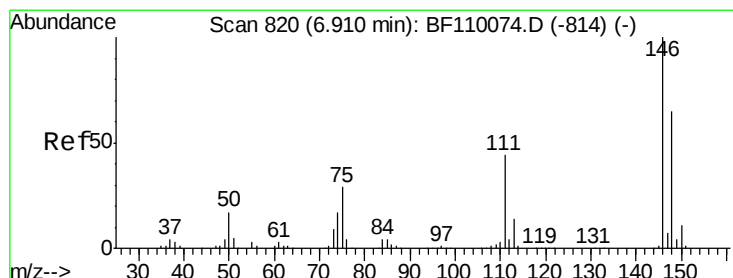
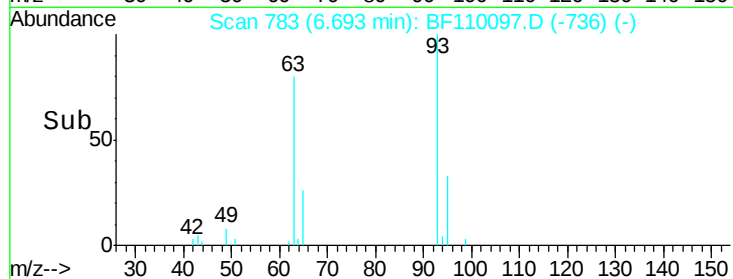
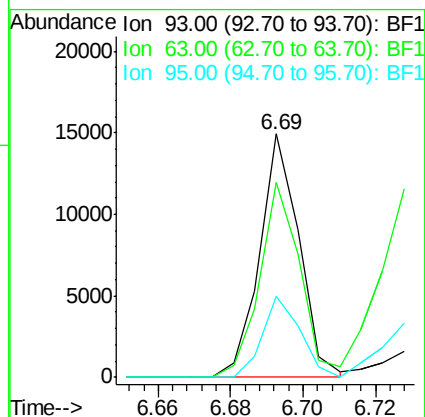
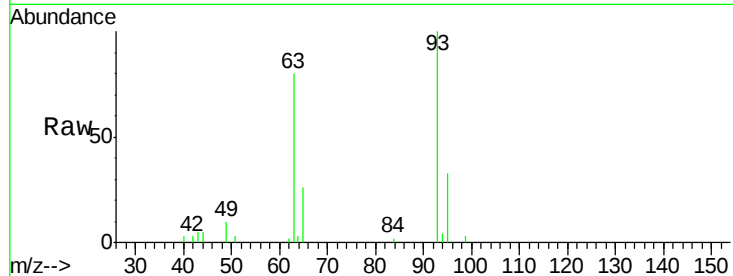
ClientSampleId :

MDL-WATER-03-QT4-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 11218 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 80.3  | 53.4  | 93.4  |
| 95       | 33.2  | 12.1  | 52.1  |

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#12

1,3-Dichlorobenzene

Concen: 0.992 ng

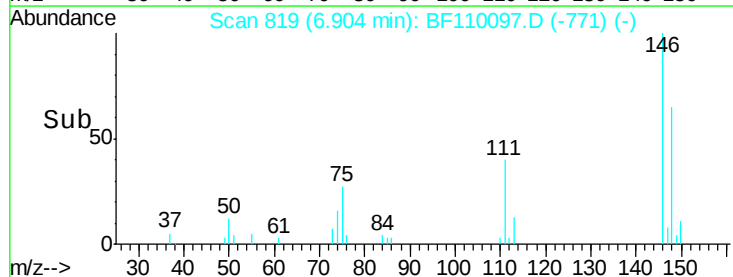
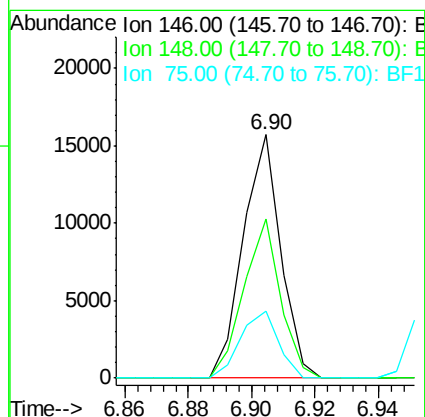
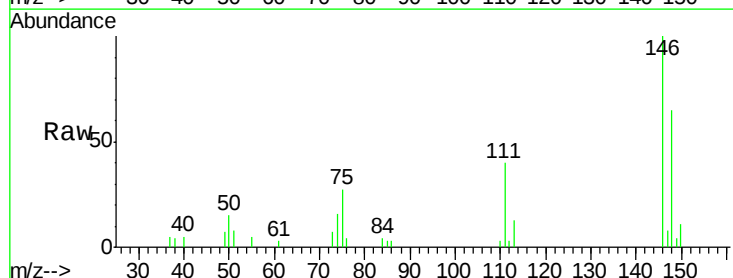
RT: 6.90 min Scan# 819

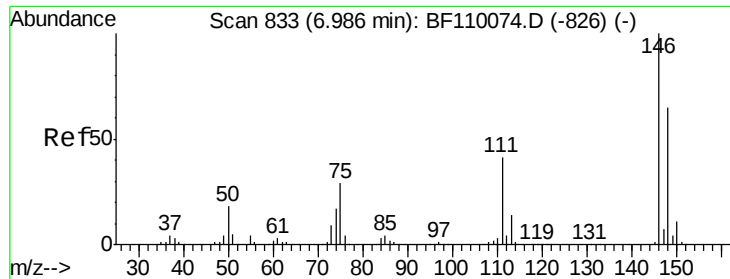
Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 12904 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 65.4  | 50.4  | 75.6  |
| 75       | 27.4  | 25.8  | 38.6  |





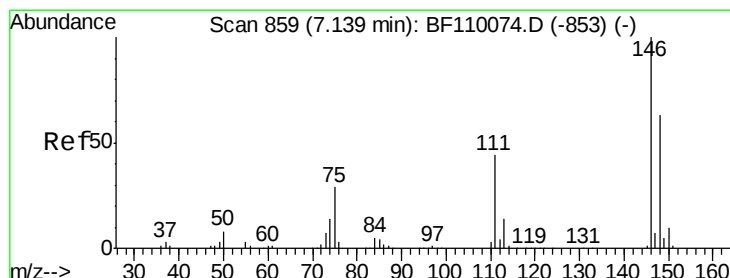
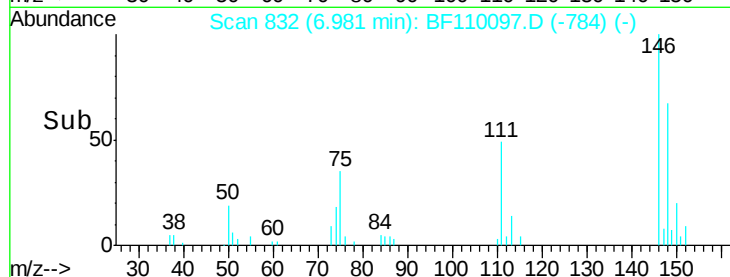
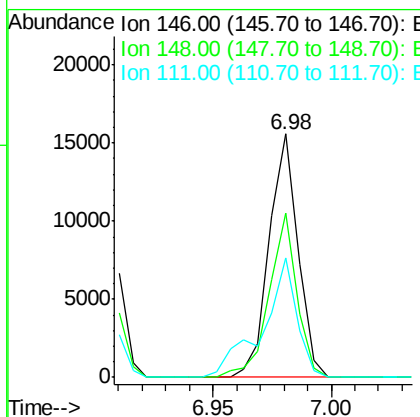
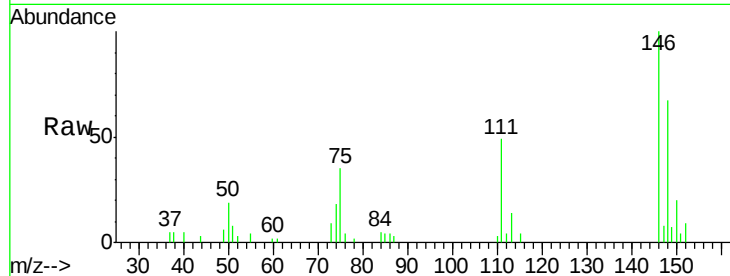
#13  
1,4-Dichlorobenzene  
Concen: 0.990 ng m  
RT: 6.98 min Scan# 832  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.3  | 50.3  | 75.5  |
| 111     | 49.2  | 32.7  | 49.1# |

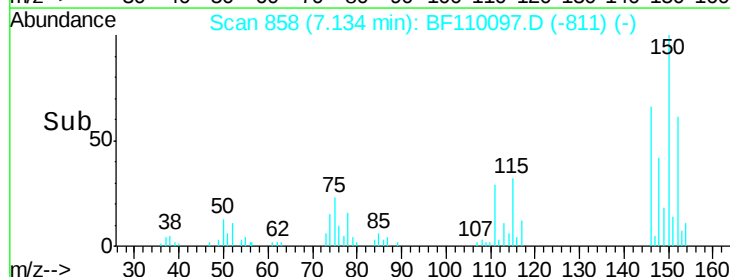
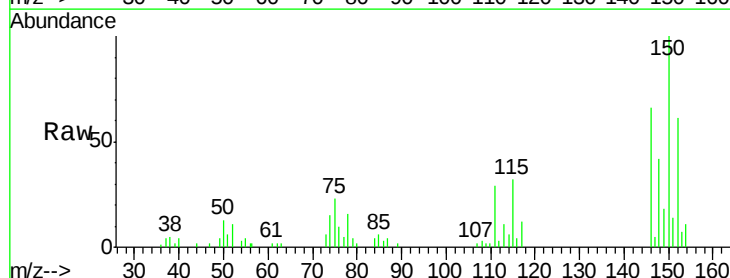
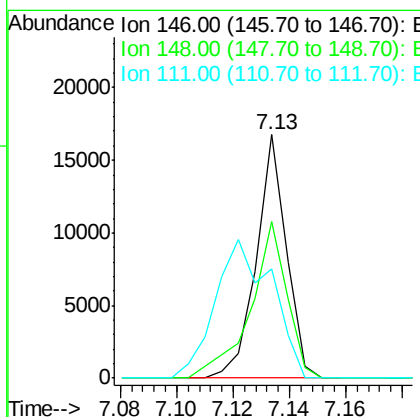
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#14  
1,2-Dichlorobenzene  
Concen: 1.014 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.1  | 76.7  |
| 111     | 44.9  | 35.8  | 53.6  |





#15

Benzyl Alcohol

Concen: 2.095 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

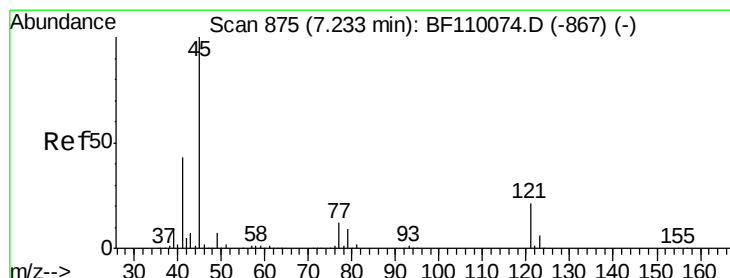
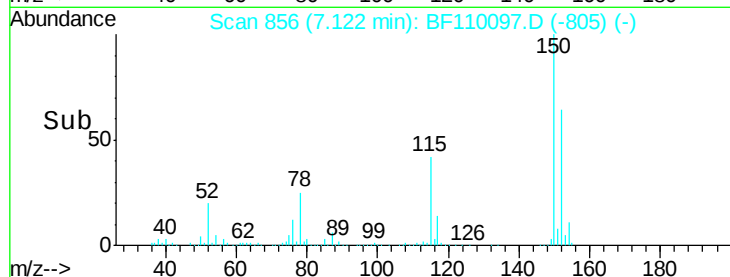
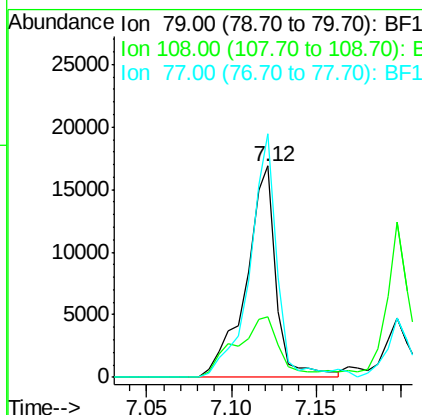
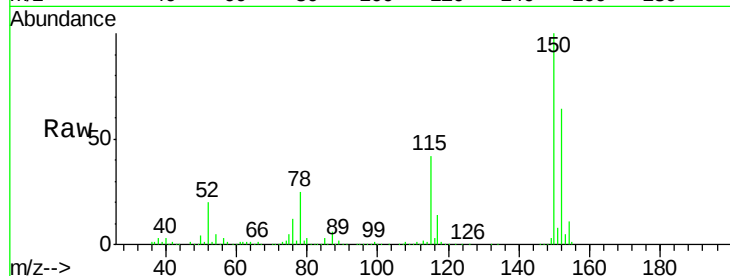
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 21129 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 28.4  | 56.3  | 84.5# |
| 77        | 115.1 | 52.9  | 79.3# |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 1.014 ng

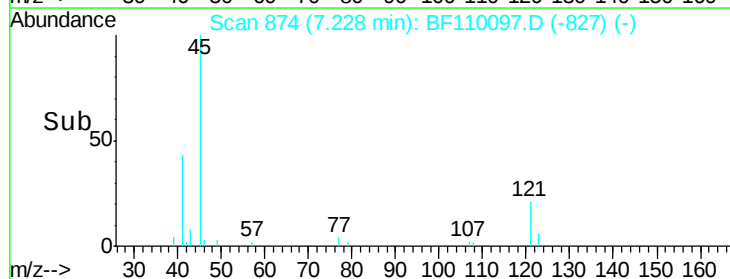
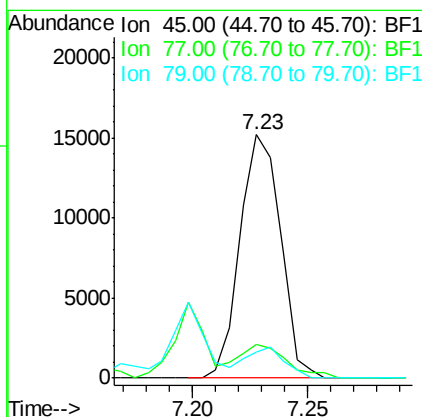
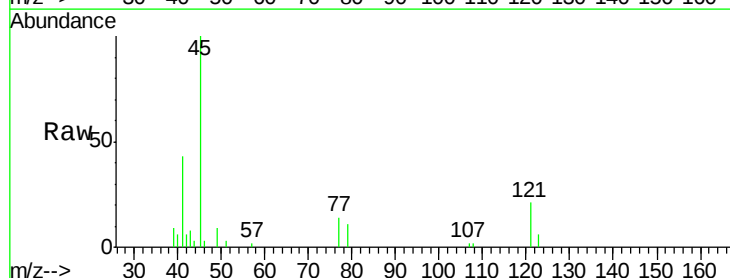
RT: 7.23 min Scan# 874

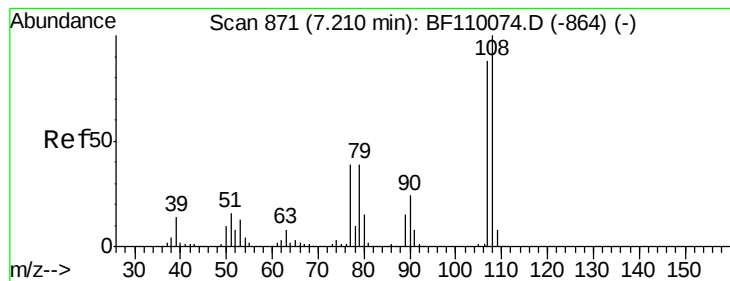
Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 18692 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 13.7  | 10.0  | 50.0  |
| 79        | 10.6  | 6.1   | 46.1  |





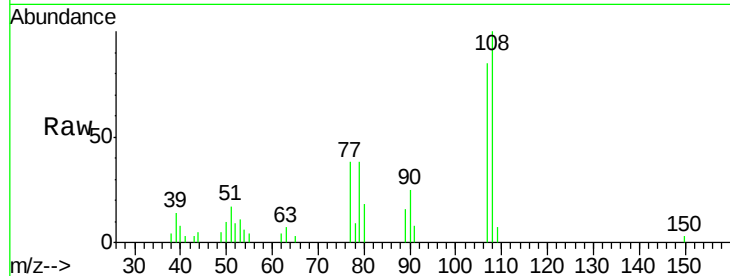
#17  
2-Methylphenol  
Concen: 1.027 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

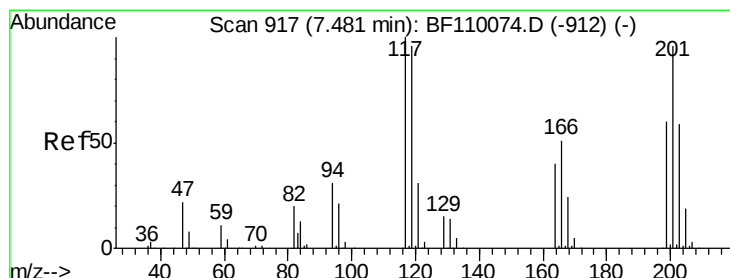
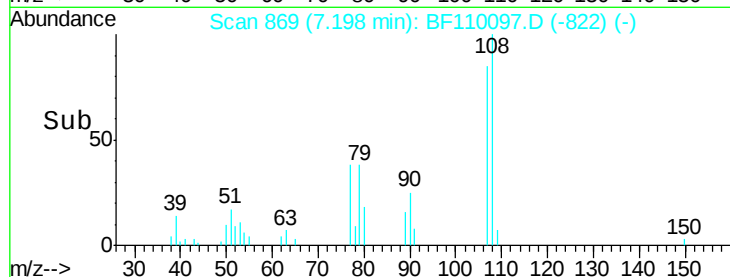
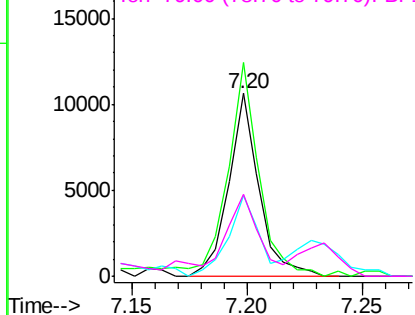
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   | 9676 |       |       |
| 108     | 117.1 | 92.6 | 138.8 |       |
| 77      | 44.5  | 59.4 | 89.2# |       |
| 79      | 44.8  | 54.0 | 81.0# |       |

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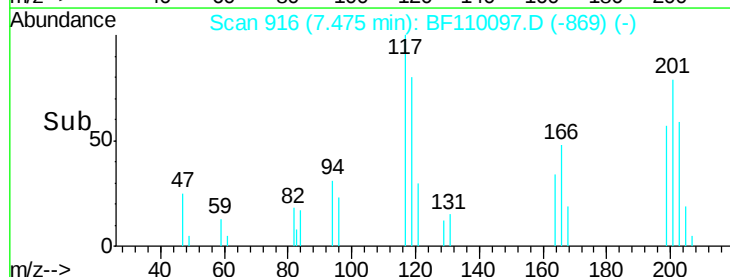
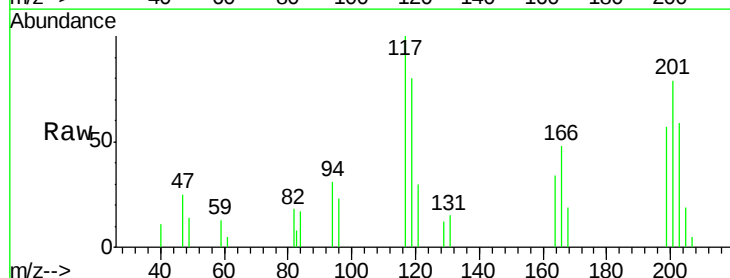
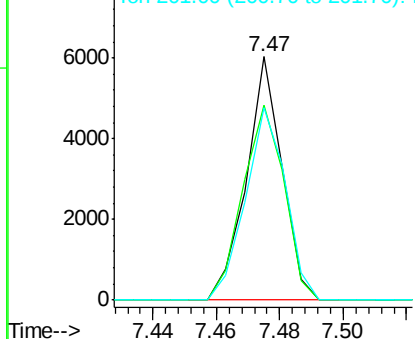
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

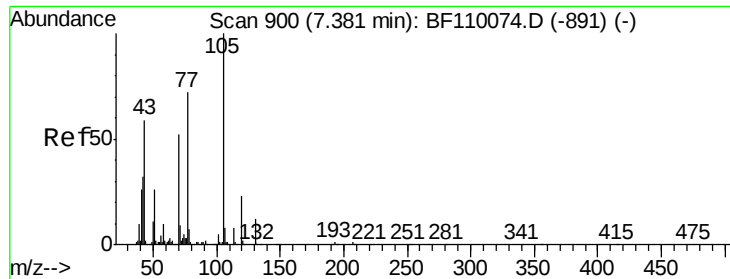


#18  
Hexachloroethane  
Concen: 0.977 ng  
RT: 7.47 min Scan# 916  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   | 4707 |        |       |
| 119     | 80.3  | 75.0 | 112.6  |       |
| 201     | 79.2  | 79.2 | 118.8# |       |

Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





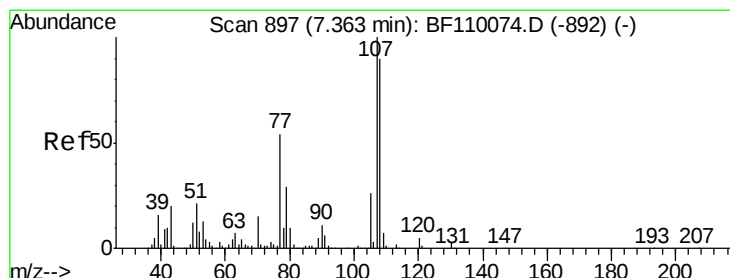
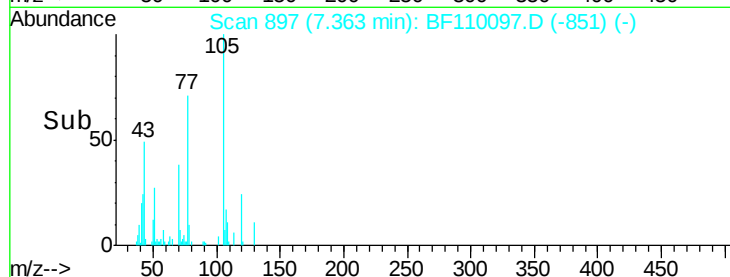
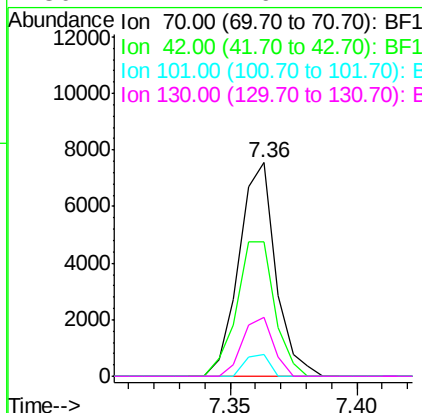
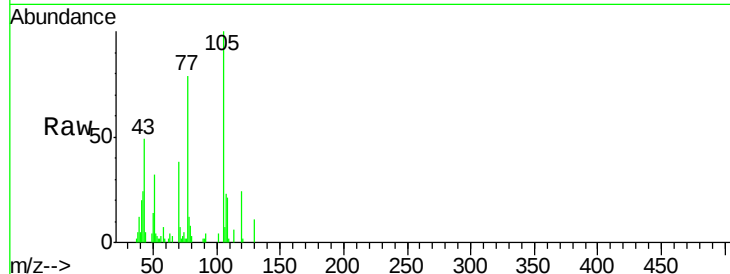
#19  
n-Nitroso-di-n-propylamine  
Concen: 0.906 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.8  | 47.4  | 71.2  |
| 101     | 10.3  | 7.3   | 10.9  |
| 130     | 27.7  | 16.2  | 24.2# |

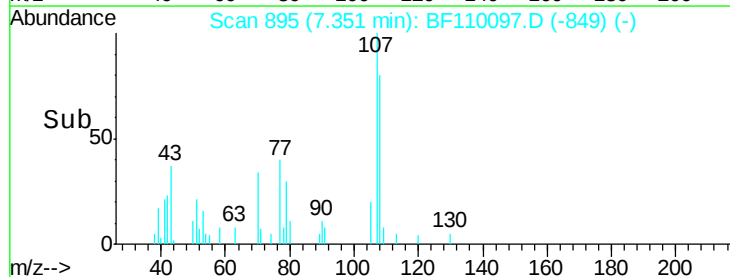
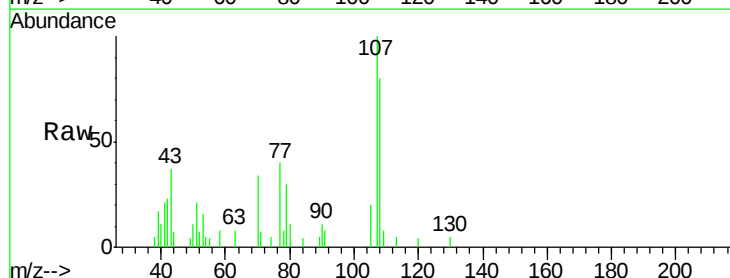
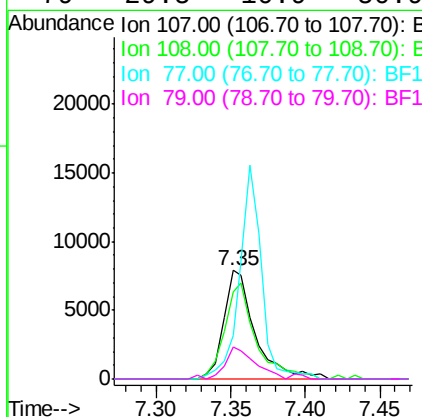
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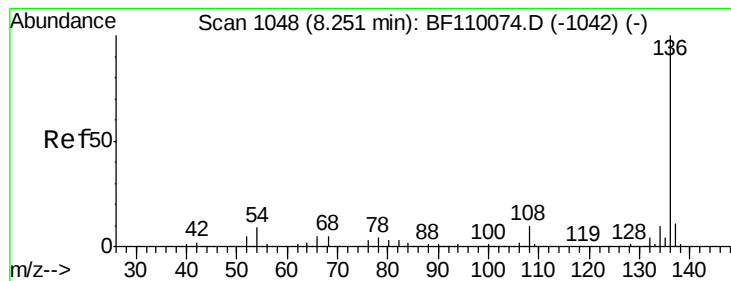
Sohil  
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#20  
3+4-Methylphenols  
Concen: 0.966 ng  
RT: 7.35 min Scan# 895  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 79.5  | 71.4  | 111.4 |
| 77      | 40.0  | 47.3  | 87.3# |
| 79      | 29.5  | 10.9  | 50.9  |





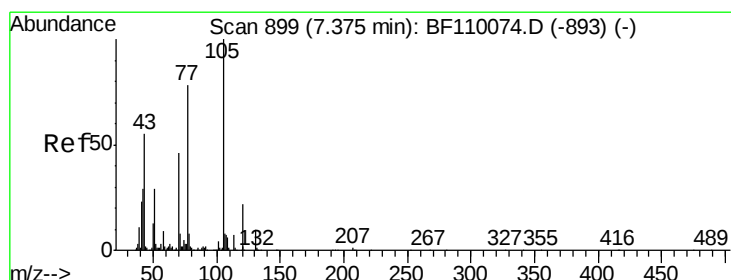
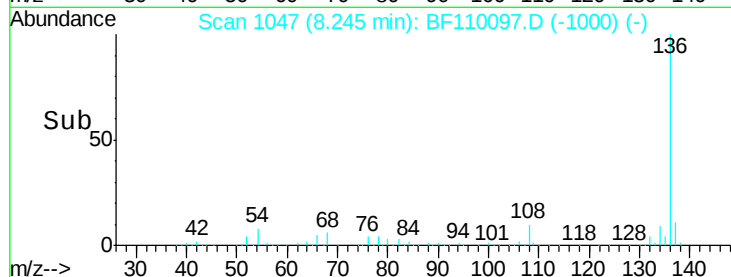
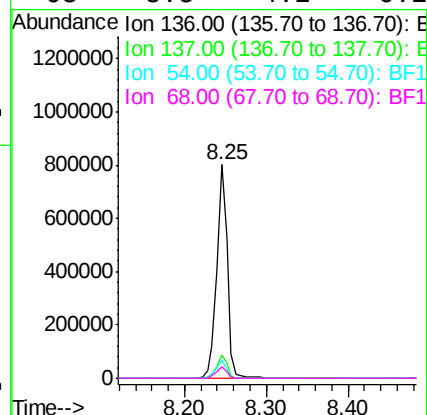
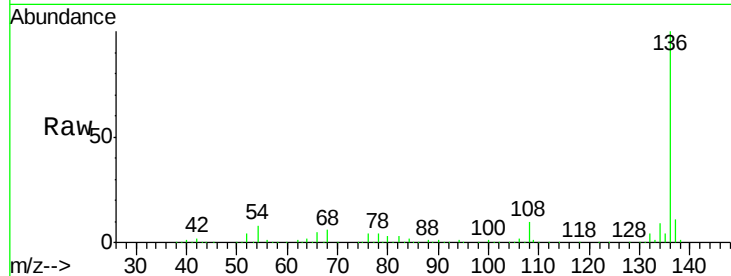
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 715159 |       |       |
| 137     | 10.7  | 8.8    | 13.2  |       |
| 54      | 8.2   | 5.4    | 8.2#  |       |
| 68      | 5.5   | 4.2    | 6.2   |       |

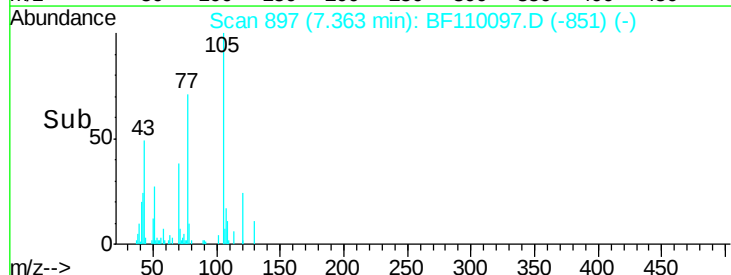
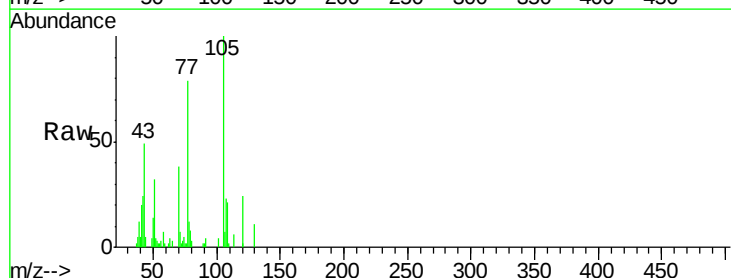
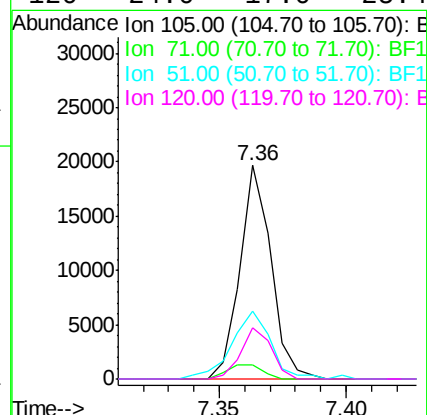
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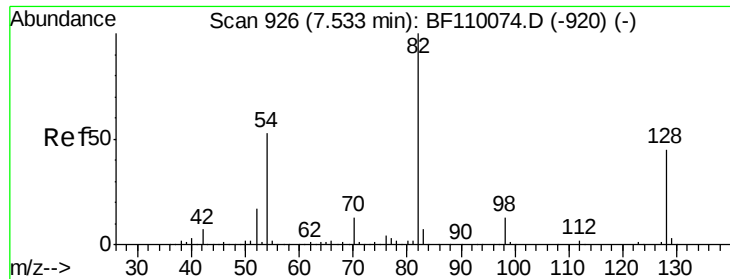
Sohil  
10/24/2018 5:12:14 PM



#22  
Acetophenone  
Concen: 1.017 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 16756 |       |       |
| 71      | 6.6   | 5.2   | 7.8   |       |
| 51      | 31.7  | 21.8  | 32.8  |       |
| 120     | 24.0  | 17.0  | 25.4  |       |





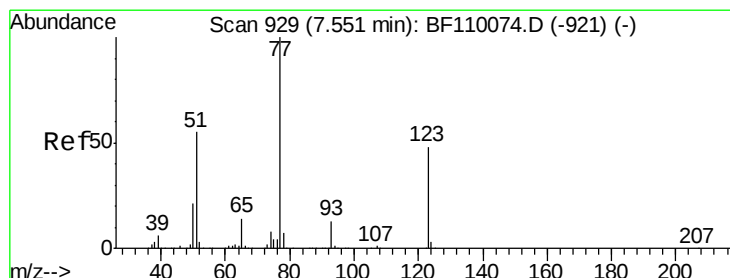
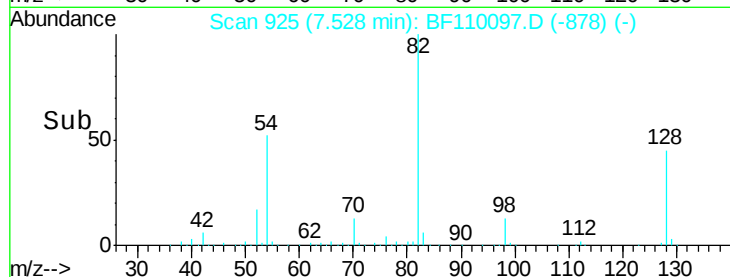
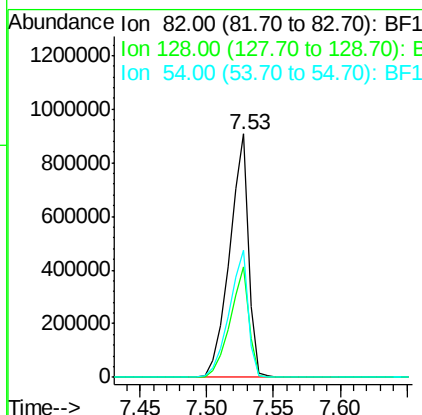
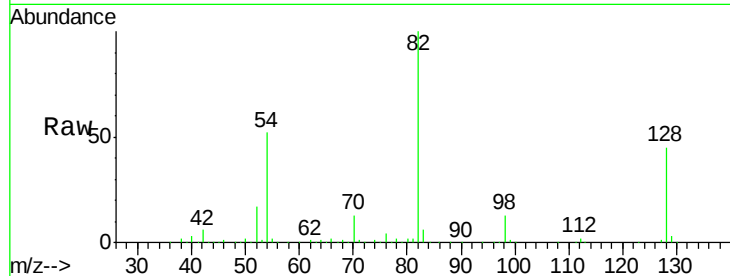
#23  
 Nitrobenzene-d5  
 Concen: 75.811 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.5  | 34.2  | 51.2  |
| 54      | 52.1  | 38.6  | 58.0  |

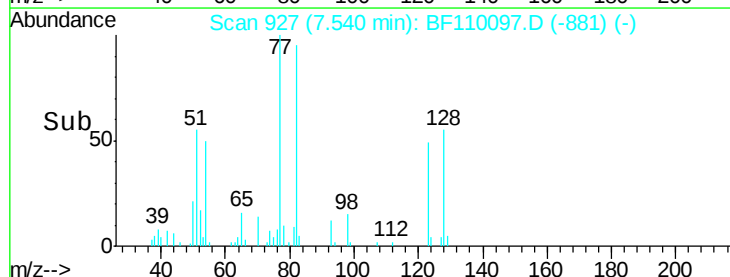
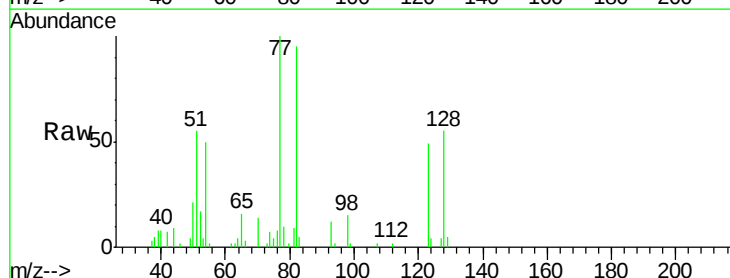
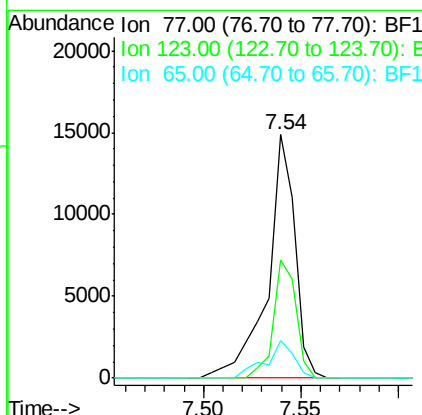
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#24  
 Nitrobenzene  
 Concen: 1.151 ng  
 RT: 7.54 min Scan# 927  
 Delta R.T. -0.03 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.8  | 35.7  | 53.5  |
| 65      | 15.6  | 10.7  | 16.1  |





#25

Isophorone

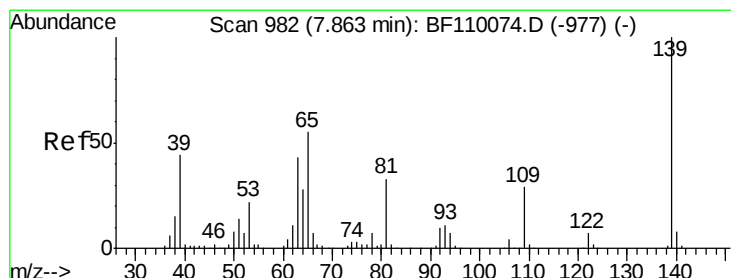
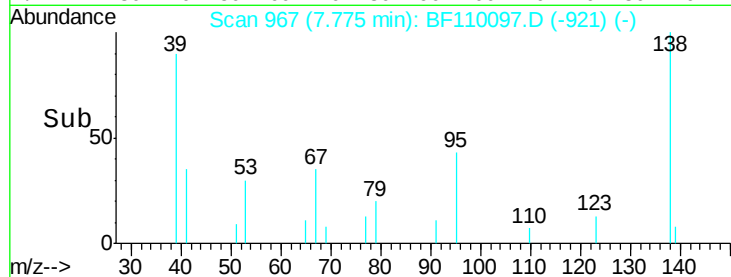
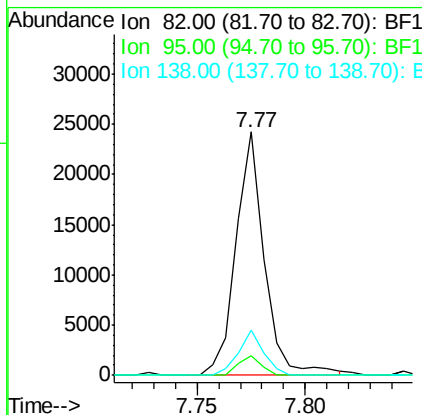
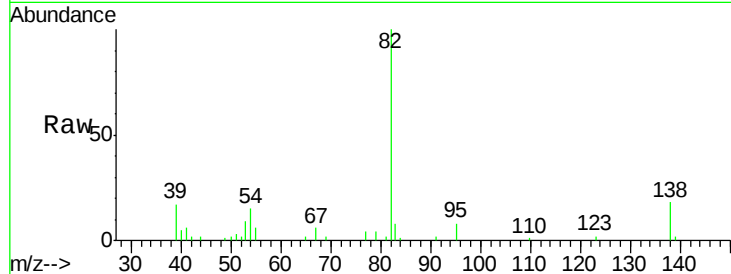
Concen: 1.080 ng m  
RT: 7.77 min Scan# 967  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.0   | 5.7   | 8.5   |
| 138     | 18.3  | 13.2  | 19.8  |

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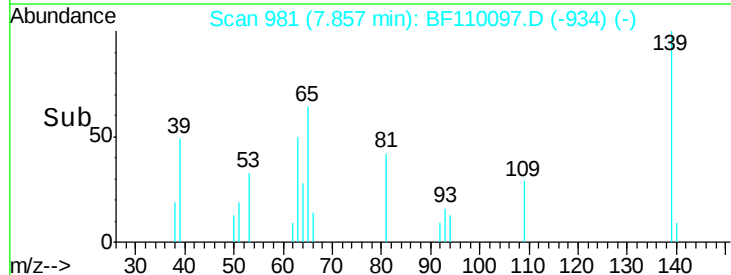
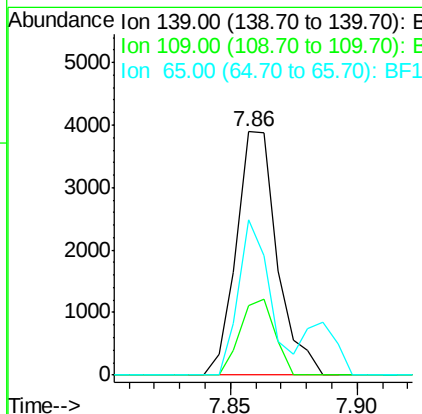
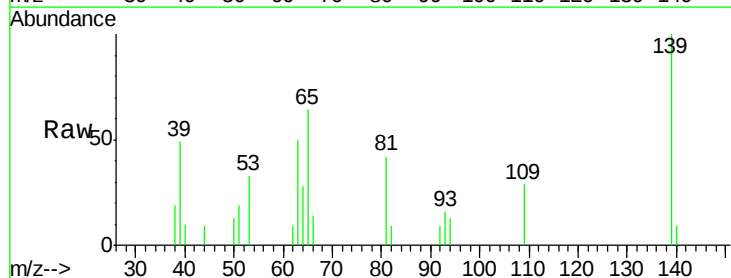


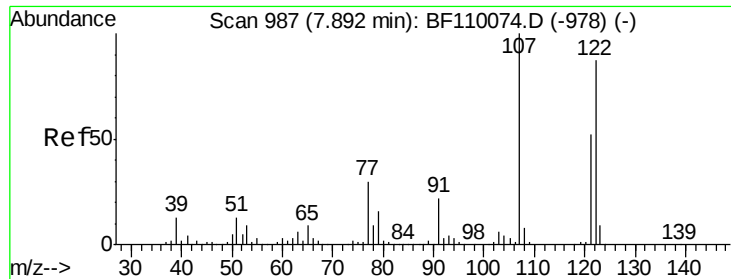
#26

2-Nitrophenol

Concen: 0.737 ng  
RT: 7.86 min Scan# 981  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 28.7  | 25.0  | 37.6  |
| 65      | 63.8  | 44.0  | 66.0  |





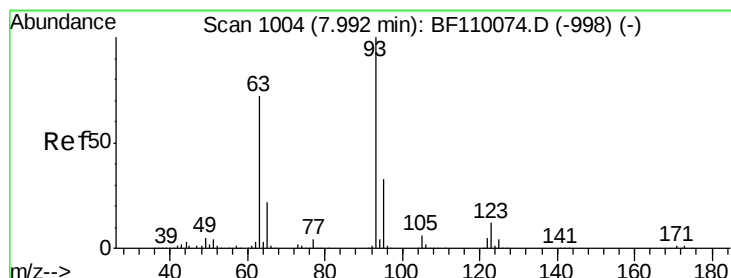
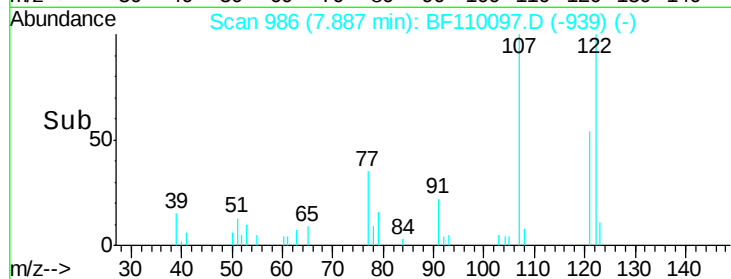
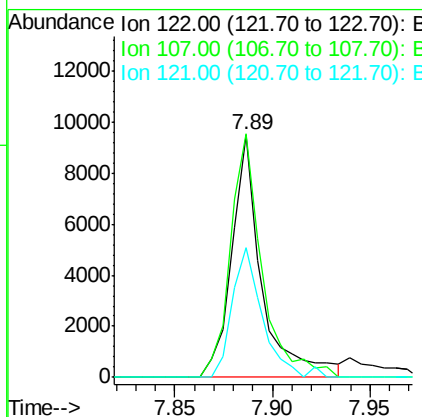
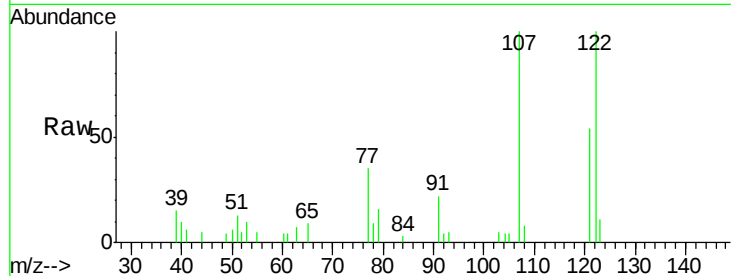
#27  
2,4-Dimethylphenol  
Concen: 1.032 ng  
RT: 7.89 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

Tgt Ion: 122 Resp: 10138  
Ion Ratio Lower Upper  
122 100  
107 100.5 92.5 138.7  
121 53.8 45.8 68.8

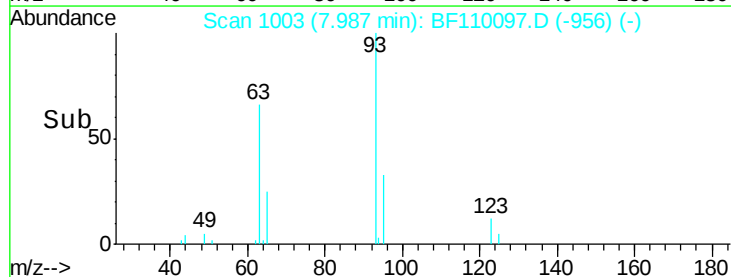
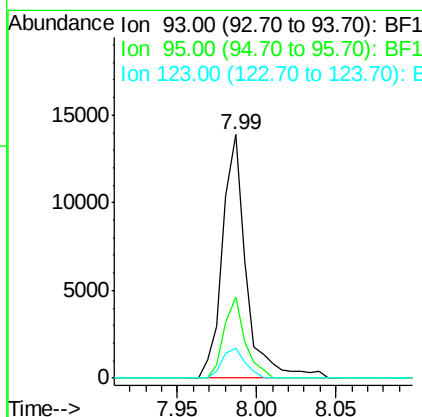
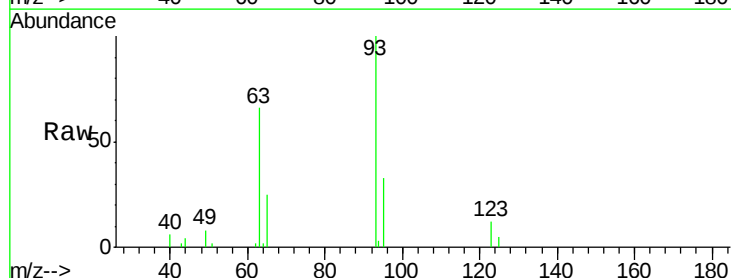
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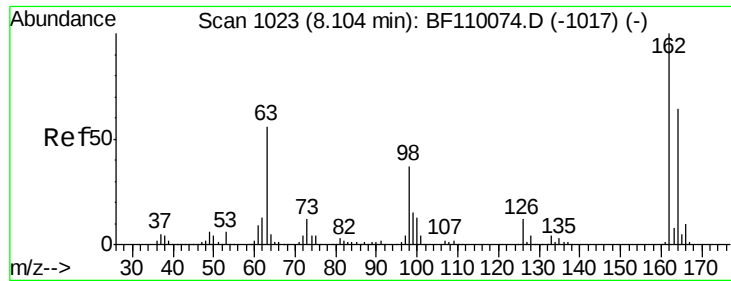
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#28  
bis(2-Chloroethoxy)methane  
Concen: 1.029 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

Tgt Ion: 93 Resp: 14365  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.4 39.6  
123 12.4 9.0 13.6





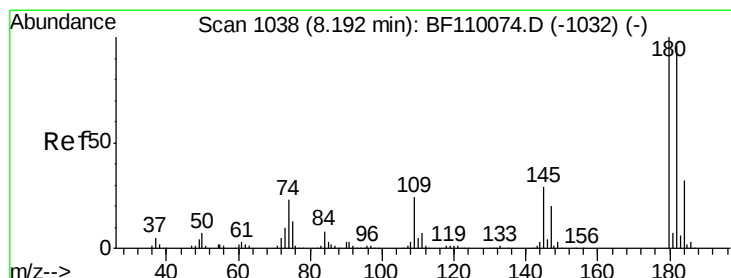
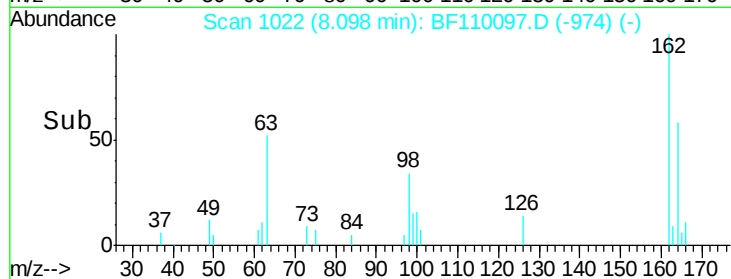
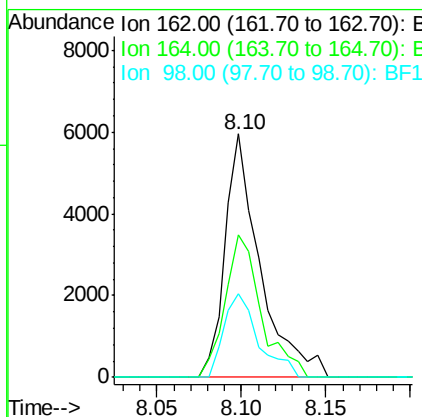
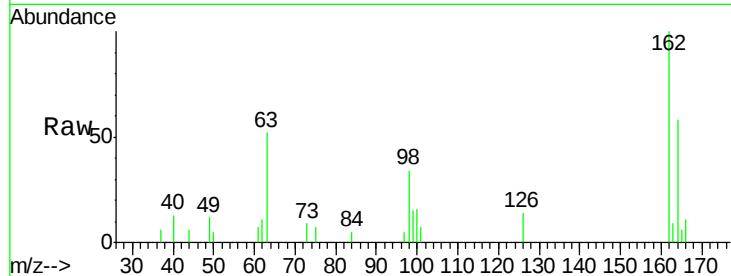
#29  
2,4-Dichlorophenol  
Concen: 0.864 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   | 8577 |       |       |
| 164     | 58.5  |      | 44.6  | 84.6  |
| 98      | 34.2  |      | 17.4  | 57.4  |

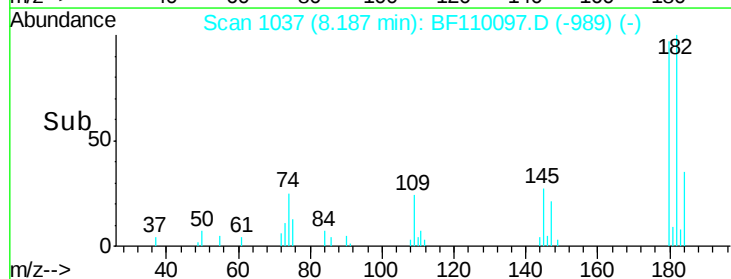
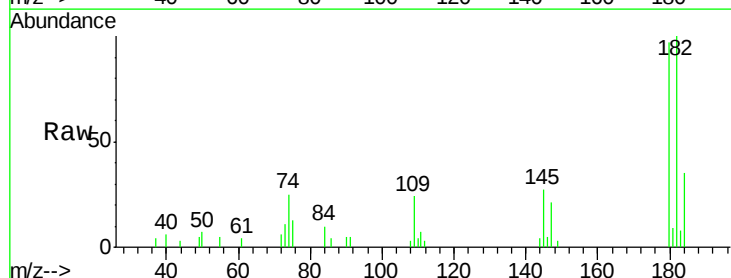
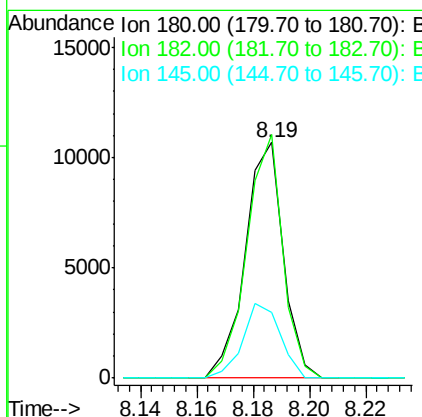
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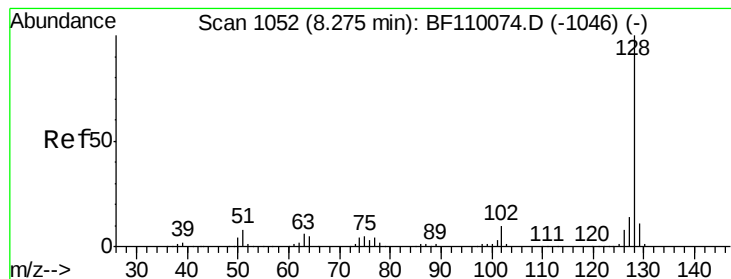
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#30  
1,2,4-Trichlorobenzene  
Concen: 0.898 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   | 9978 |       |       |
| 182     | 103.4 |      | 80.3  | 120.5 |
| 145     | 27.8  |      | 25.4  | 38.0  |





#31

Naphthalene

Concen: 1.087 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

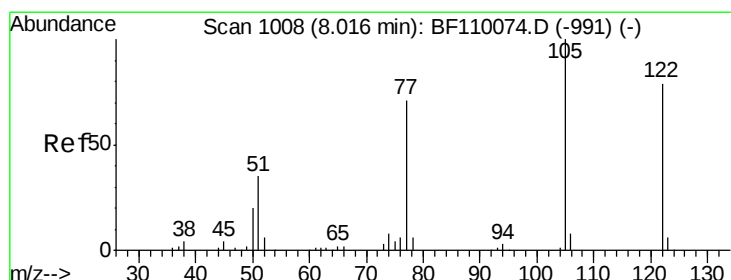
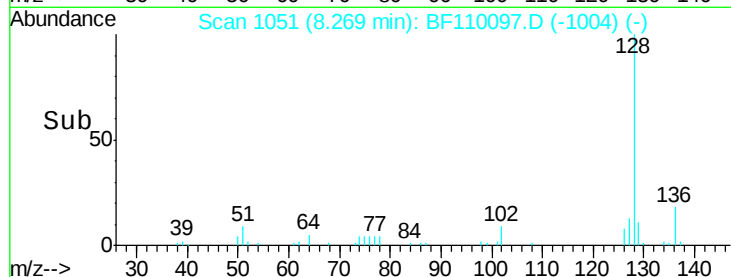
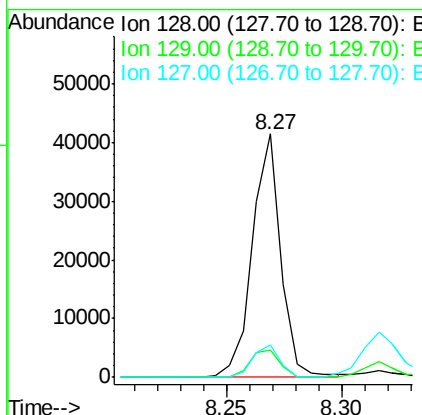
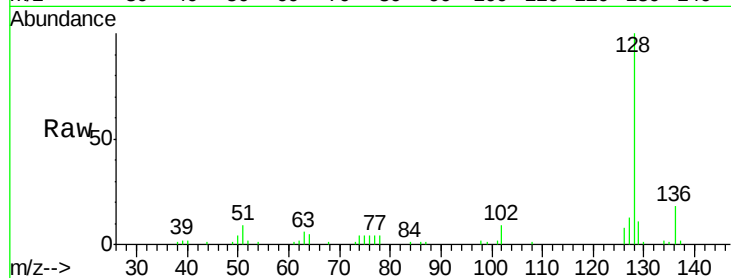
ClientSampleId :

MDL-WATER-03-QT4-2018

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.8   | 13.2  |
| 127     | 13.1  | 10.8  | 16.2  |

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#32

Benzoic acid

Concen: 1.336 ng

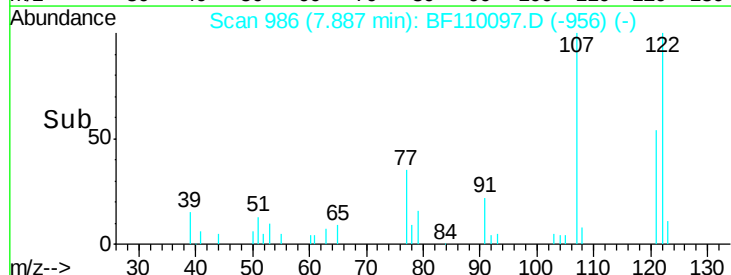
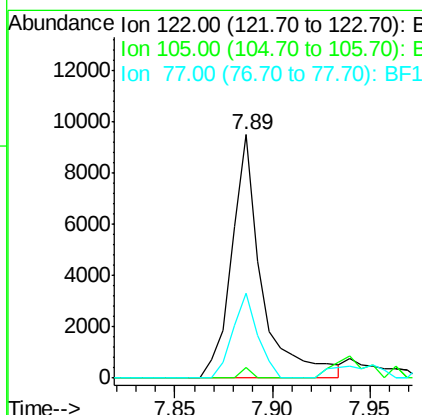
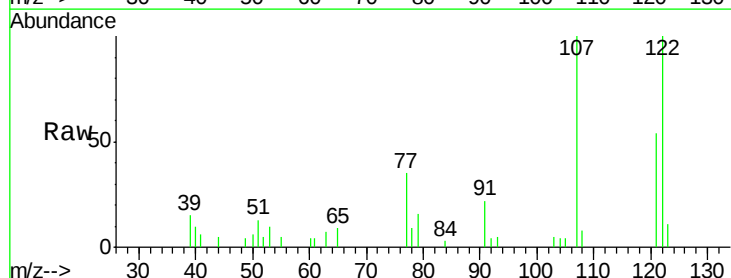
RT: 7.89 min Scan# 986

Delta R.T. -0.12 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 4.2   | 109.0 | 149.0# |
| 77      | 35.1  | 79.0  | 119.0# |





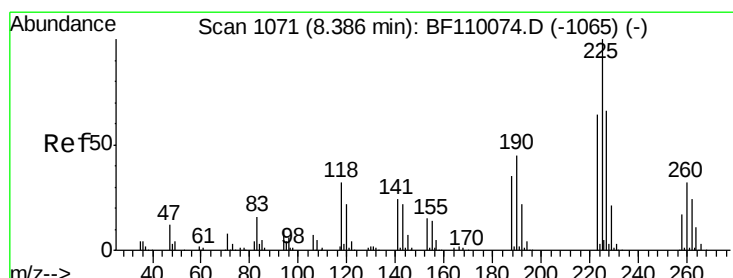
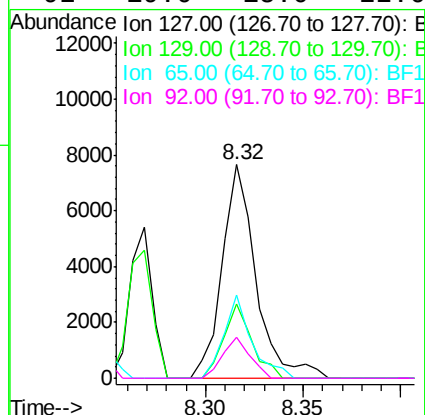
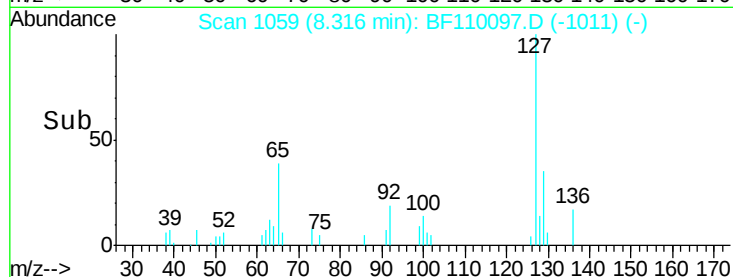
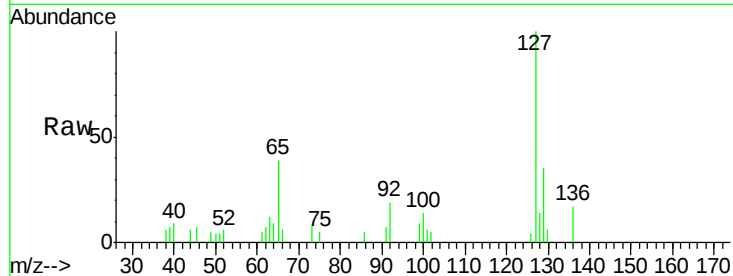
#33  
 4-Chloroaniline  
 Concen: 0.622 ng  
 RT: 8.32 min Scan# 1059  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.6  | 26.0  | 39.0  |
| 65      | 38.8  | 25.1  | 37.7  |
| 92      | 19.0  | 15.0  | 22.6  |

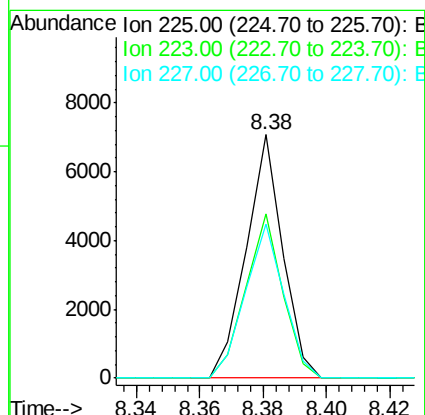
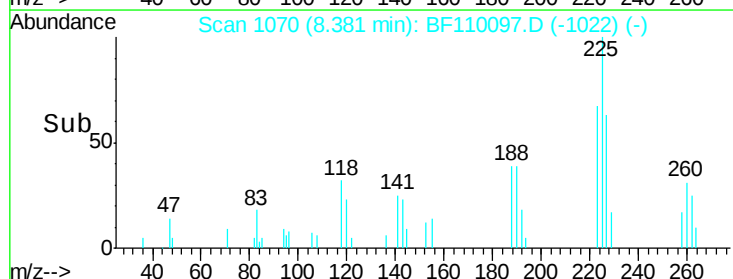
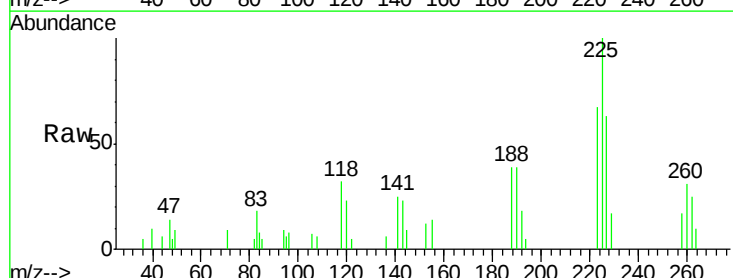
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#34  
 Hexachlorobutadiene  
 Concen: 0.918 ng  
 RT: 8.38 min Scan# 1070  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 67.4  | 51.4  | 77.2  |
| 227     | 63.5  | 51.0  | 76.6  |





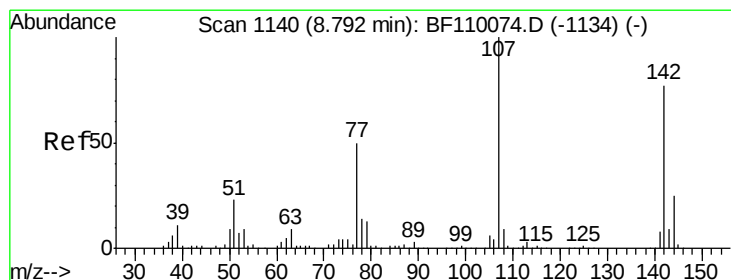
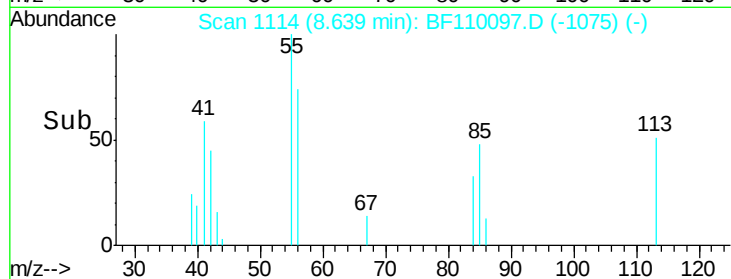
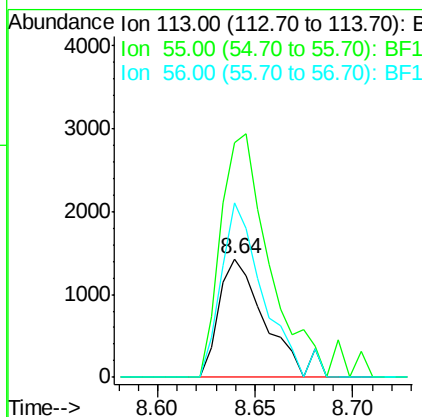
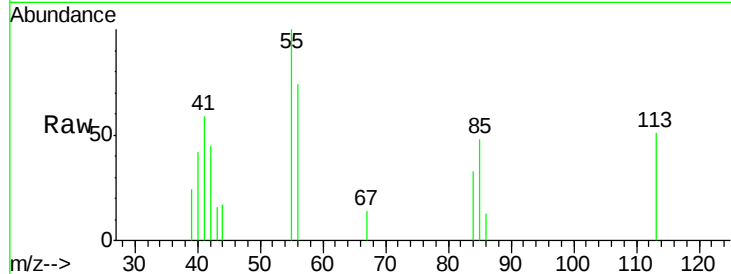
#35  
 Caprolactam  
 Concen: 0.683 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. -0.07 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

Tgt Ion:113 Resp: 2363  
 Ion Ratio Lower Upper  
 113 100  
 55 197.7 142.8 182.8#  
 56 146.9 105.0 145.0#

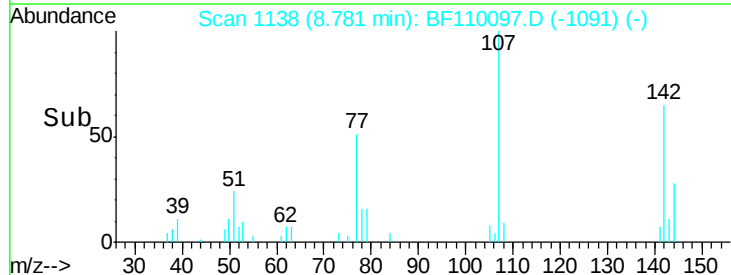
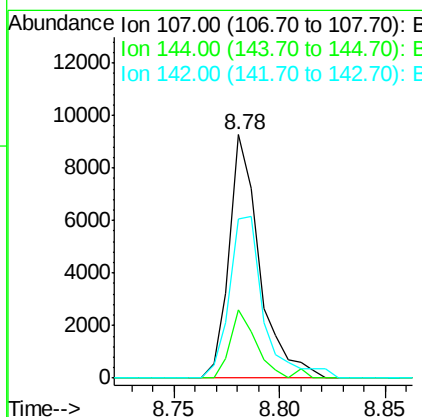
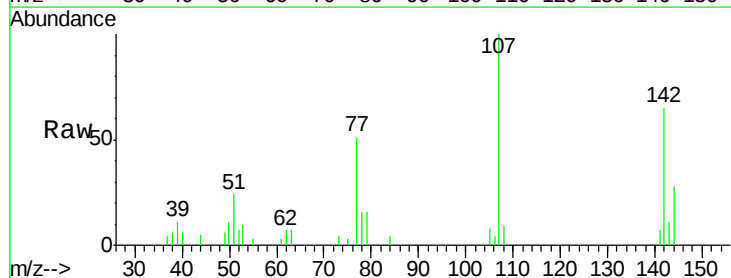
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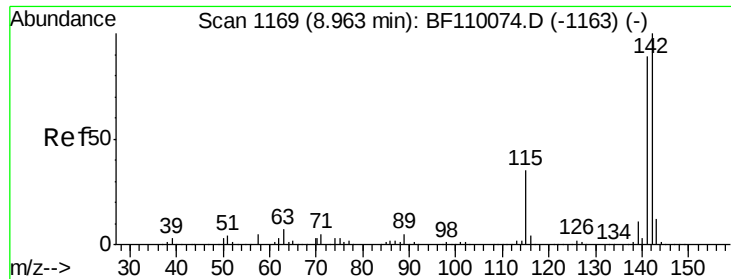
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#36  
 4-Chloro-3-methylphenol  
 Concen: 0.862 ng  
 RT: 8.78 min Scan# 1138  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

Tgt Ion:107 Resp: 9244  
 Ion Ratio Lower Upper  
 107 100  
 144 27.9 20.0 30.0  
 142 65.4 59.7 89.5





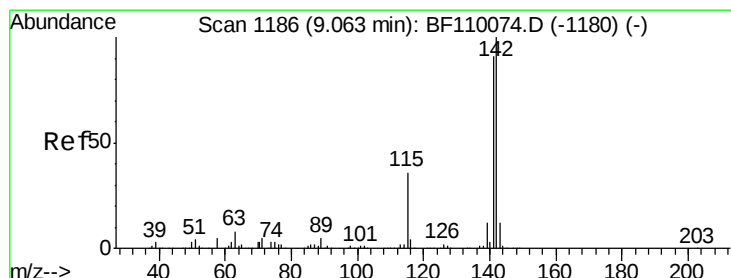
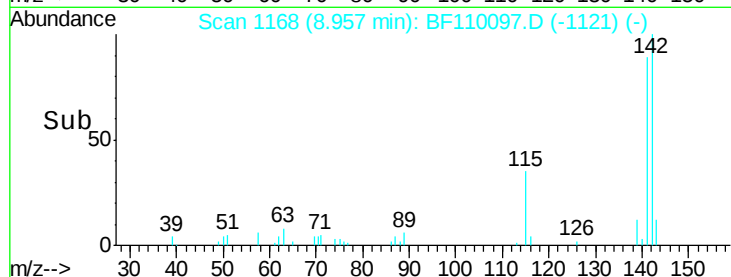
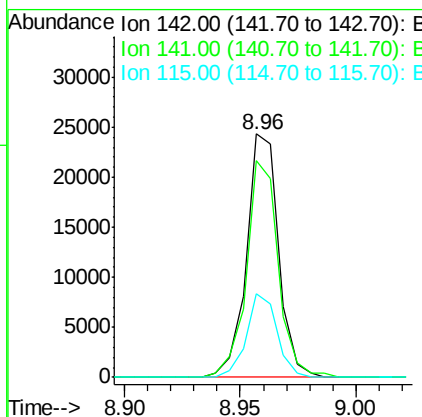
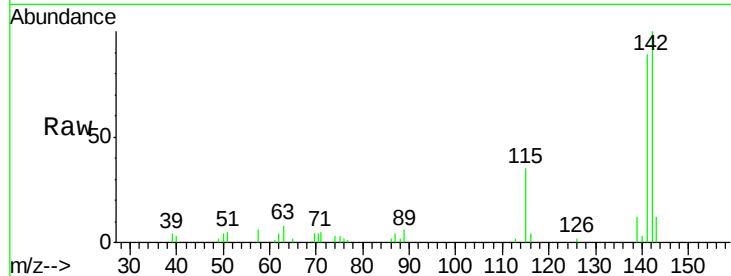
#37  
2-Methylnaphthalene  
Concen: 1.086 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

Tgt Ion:142 Resp: 23673  
Ion Ratio Lower Upper  
142 100  
141 88.9 71.4 107.2  
115 34.5 28.7 43.1

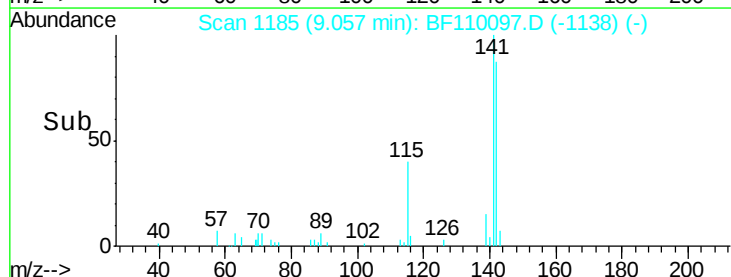
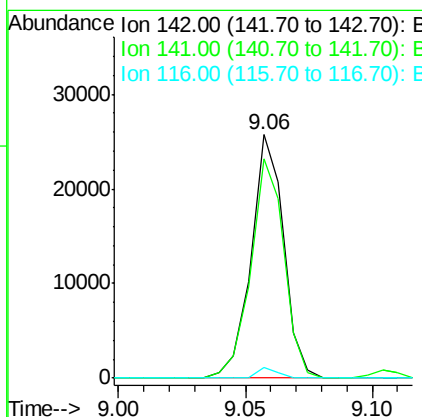
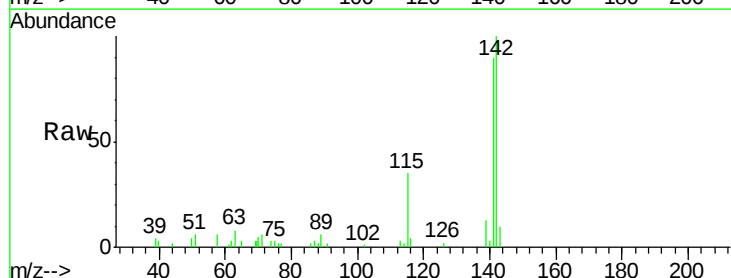
Manual Integrations  
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#38  
1-Methylnaphthalene  
Concen: 1.091 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

Tgt Ion:142 Resp: 23000  
Ion Ratio Lower Upper  
142 100  
141 90.3 74.2 111.4  
116 4.3 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: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

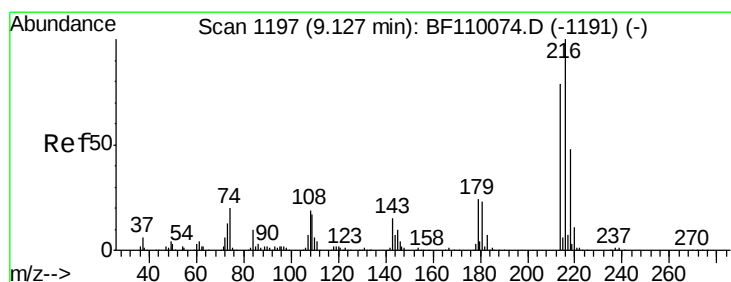
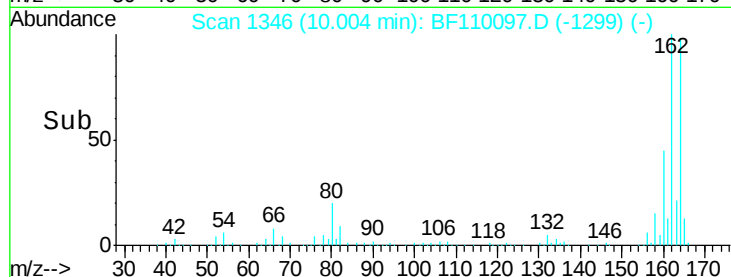
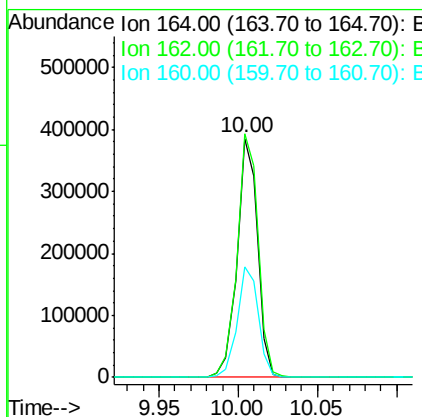
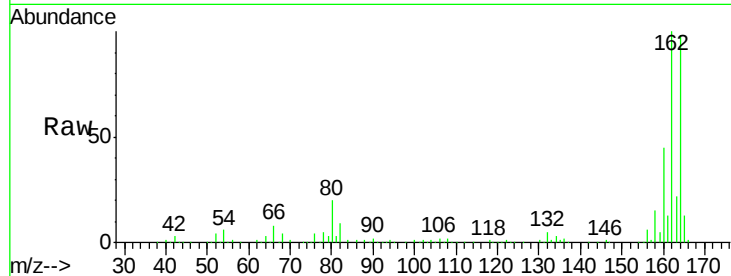
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 345377 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.8 | 83.0  | 124.6  |
| 160       | 46.3  | 37.0  | 55.6   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.946 ng

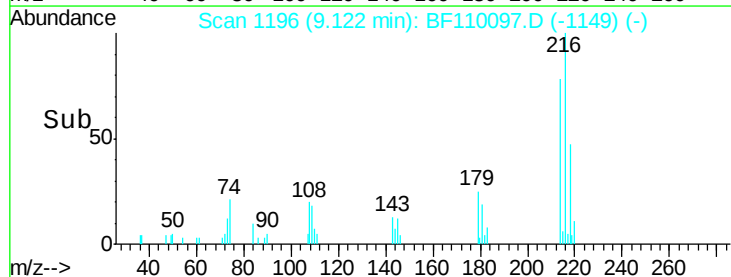
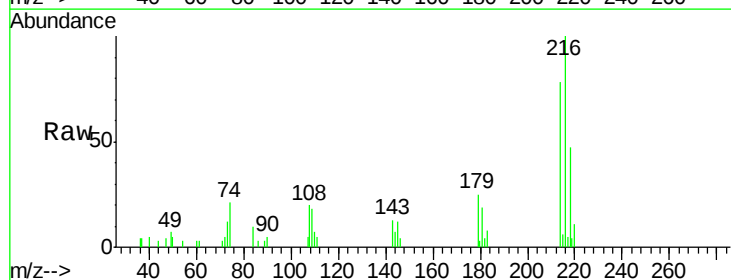
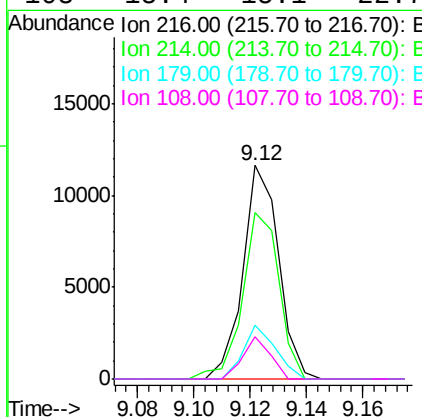
RT: 9.12 min Scan# 1196

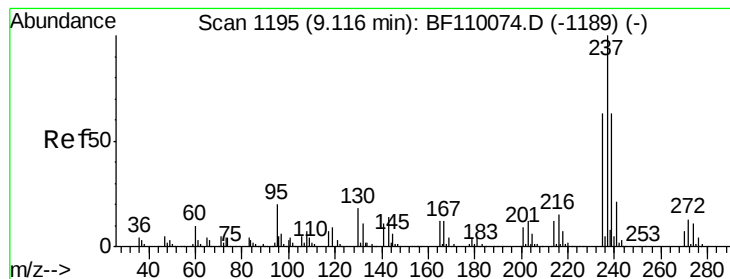
Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 10180 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 79.8  | 63.8  | 95.6  |
| 179       | 22.8  | 16.6  | 25.0  |
| 108       | 15.4  | 15.1  | 22.7  |





#41

Hexachlorocyclopentadiene

Concen: 0.749 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

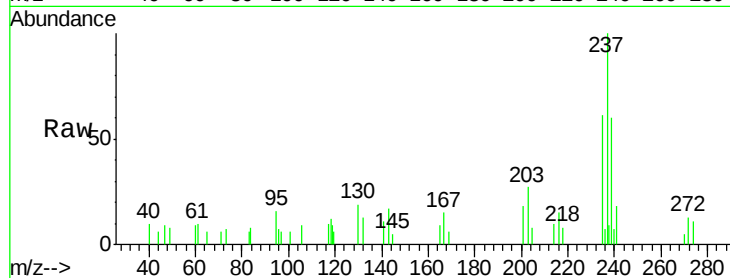
ClientSampleId :

MDL-WATER-03-QT4-2018

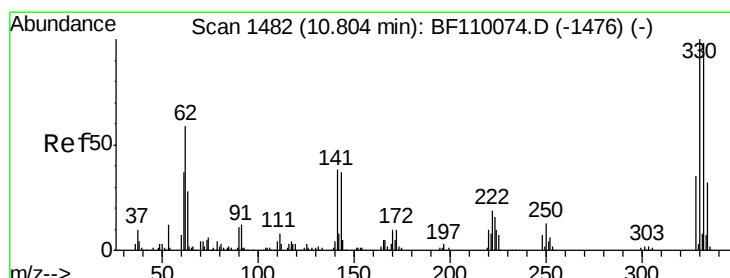
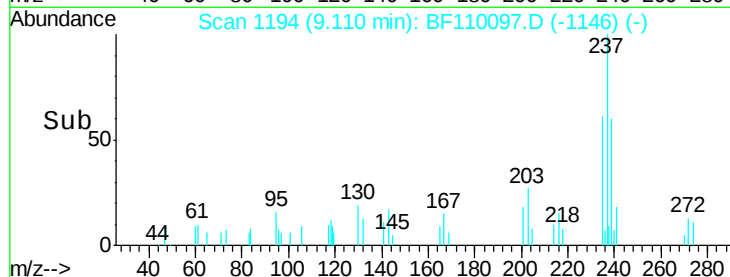
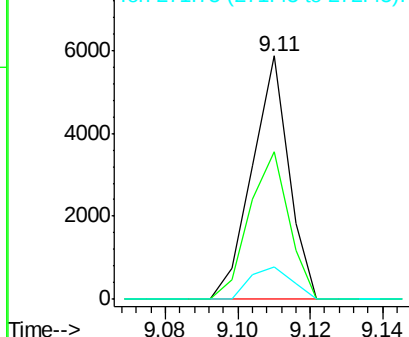
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 4122 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 60.7  | 43.1  | 83.1 |
| 272       | 13.5  | 0.0   | 32.6 |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.927 ng

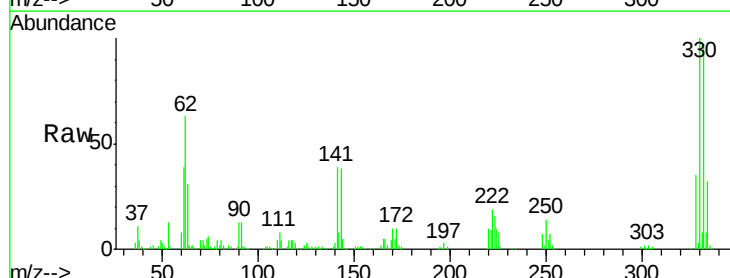
RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

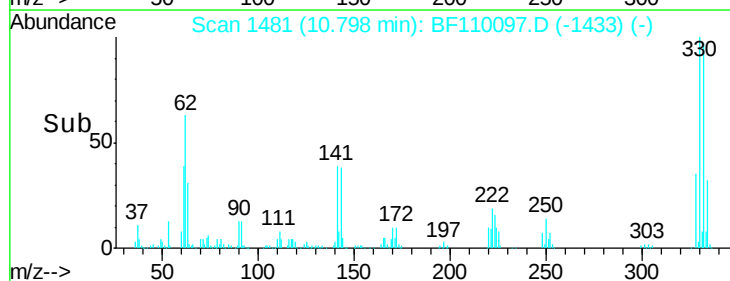
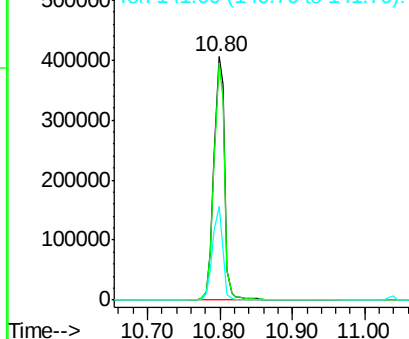
Lab File: BF110097.D

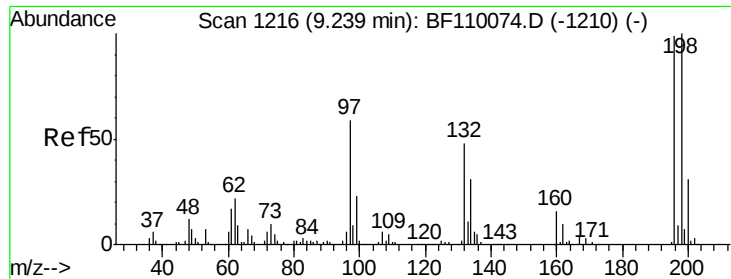
Acq: 24 Oct 2018 00:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 423977 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.1  | 77.1  | 115.7  |
| 141       | 36.7  | 27.0  | 40.4   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





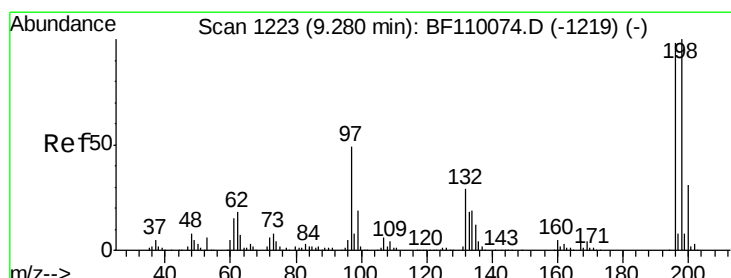
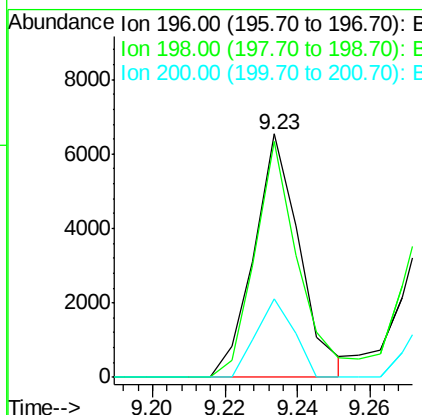
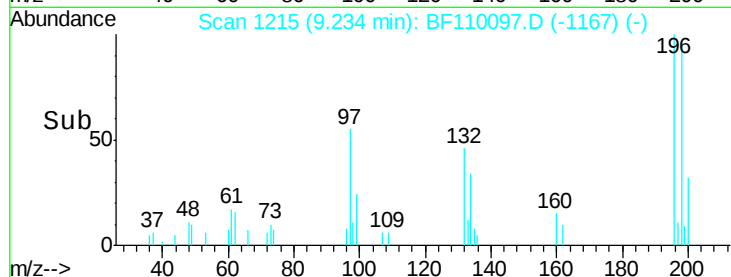
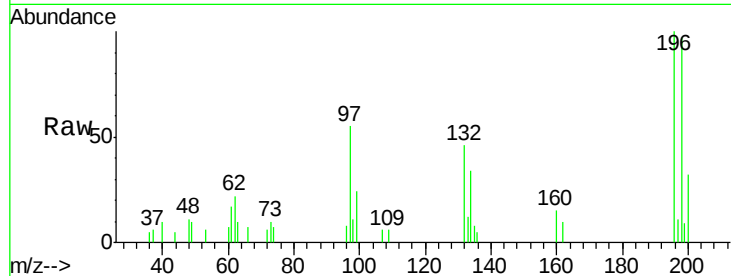
#43  
 2,4,6-Trichlorophenol  
 Concen: 0.822 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 5706  |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 96.8  | 76.2  | 114.4 |
| 200       | 32.2  | 24.4  | 36.6  |

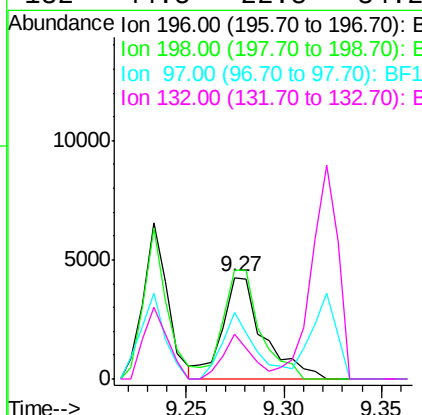
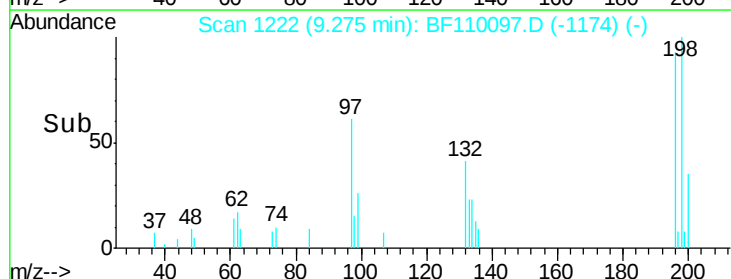
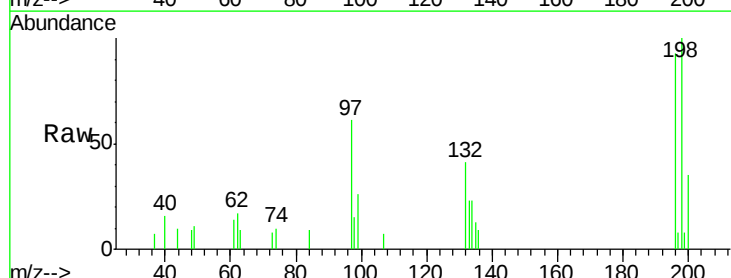
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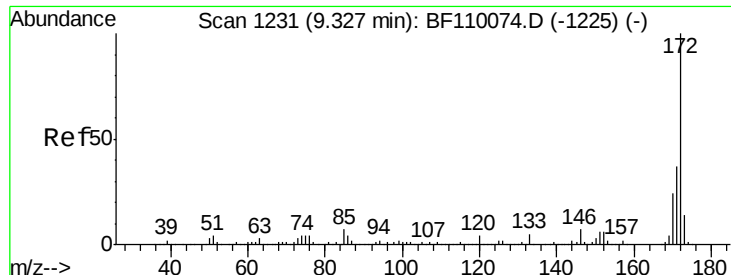
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#44  
 2,4,5-Trichlorophenol  
 Concen: 0.853 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 6255  |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 107.7 | 75.8  | 113.6 |
| 97        | 66.1  | 42.4  | 63.6# |
| 132       | 44.5  | 22.8  | 34.2# |





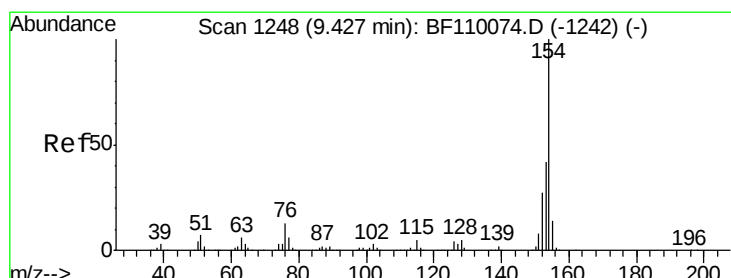
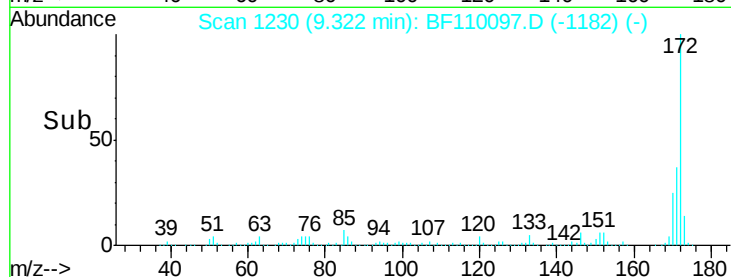
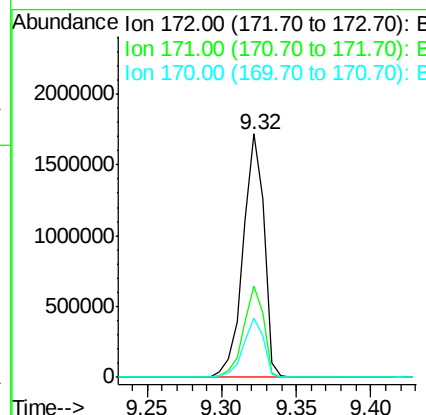
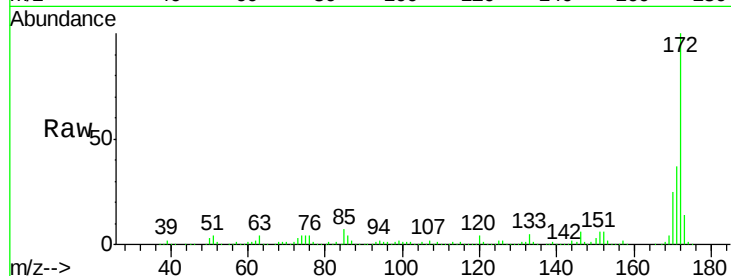
#45  
2-Fluorobiphenyl  
Concen: 76.757 ng  
RT: 9.32 min Scan# 1230  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

Tgt Ion:172 Resp: 1688258  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.6 43.0  
170 24.6 19.7 29.5

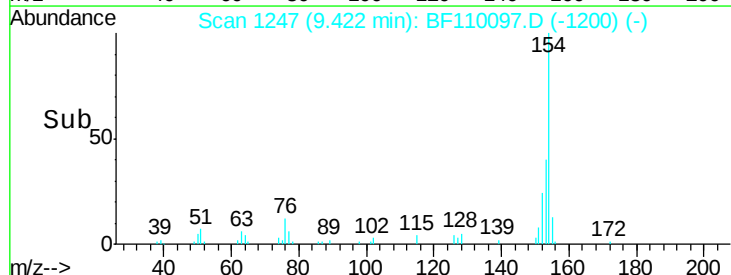
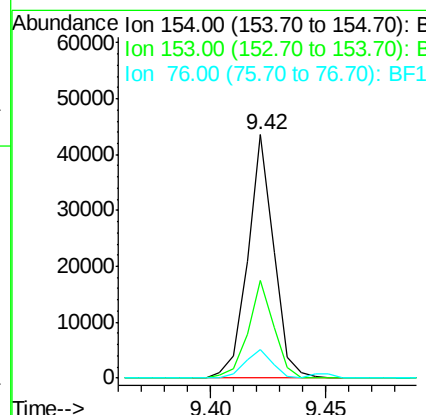
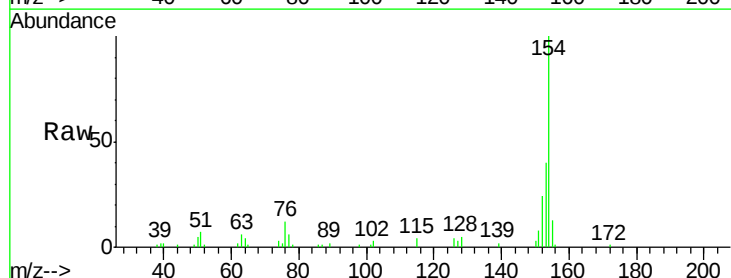
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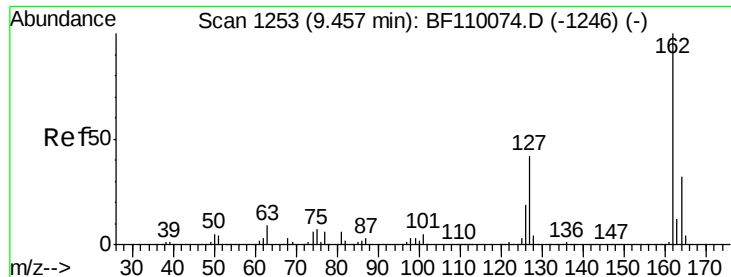
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#46  
1,1'-Biphenyl  
Concen: 1.094 ng  
RT: 9.42 min Scan# 1247  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

Tgt Ion:154 Resp: 34169  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.4 60.4  
76 12.0 0.0 31.9





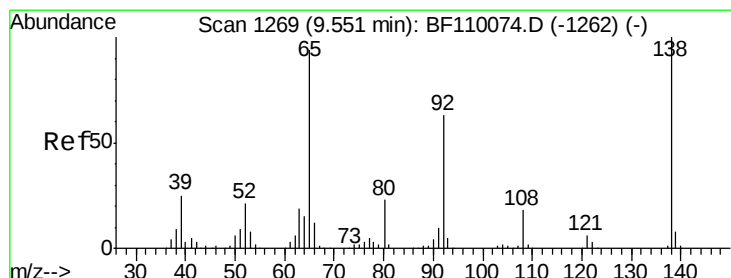
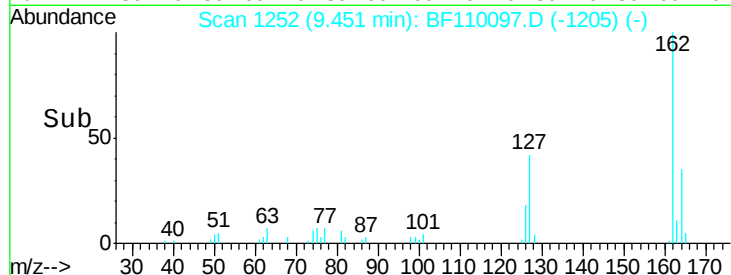
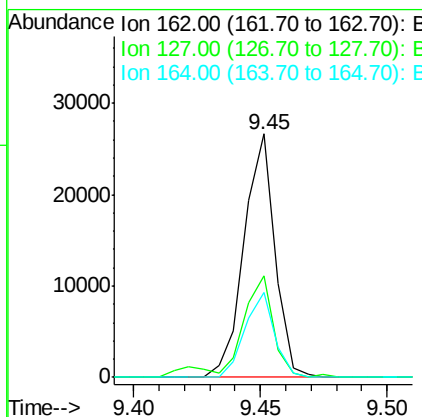
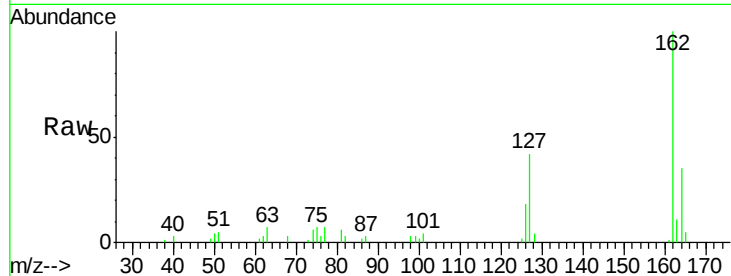
#47  
2-Chloronaphthalene  
Concen: 0.984 ng  
RT: 9.45 min Scan# 1252  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 22548 |       |       |
| 127     | 41.6  | 32.6  | 48.8  |       |
| 164     | 34.9  | 25.9  | 38.9  |       |

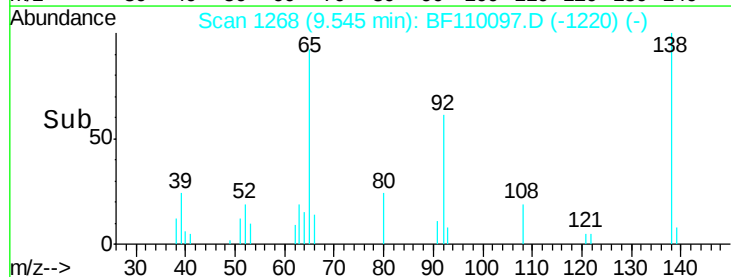
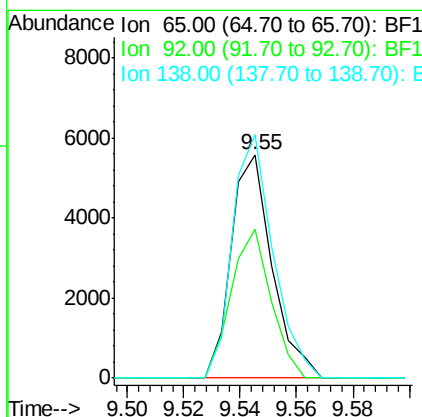
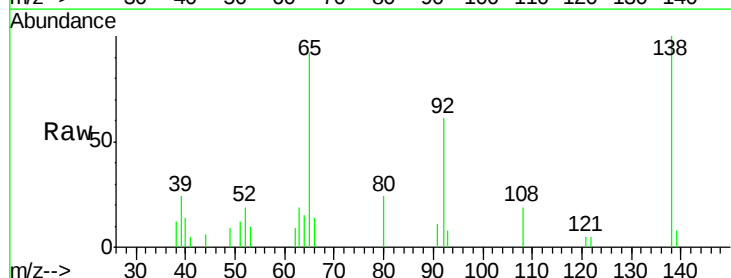
Manual Integrations  
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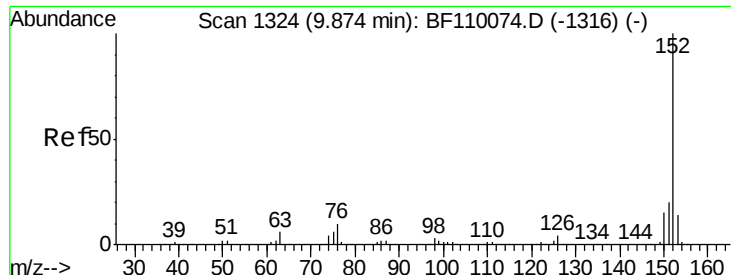
Sohil  
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#48  
2-Nitroaniline  
Concen: 0.810 ng  
RT: 9.55 min Scan# 1268  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   | 5622 |       |       |
| 92      | 66.7  | 54.6 | 81.8  |       |
| 138     | 108.9 | 80.3 | 120.5 |       |





#49

Acenaphthylene

Concen: 1.046 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

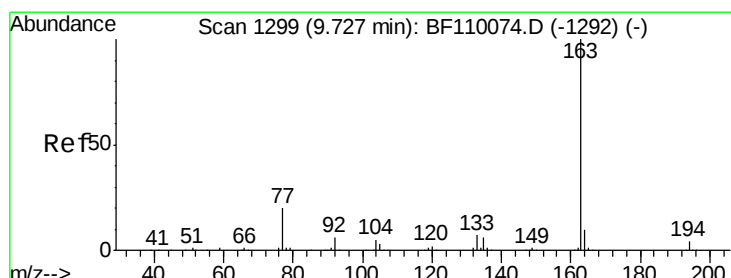
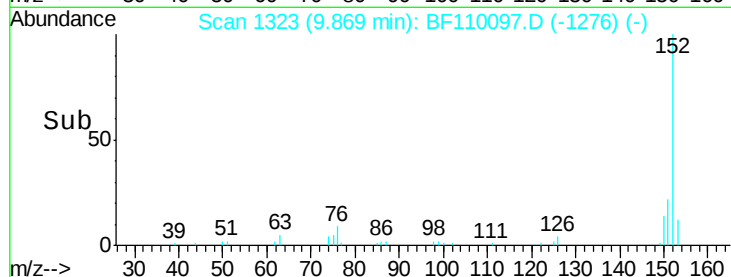
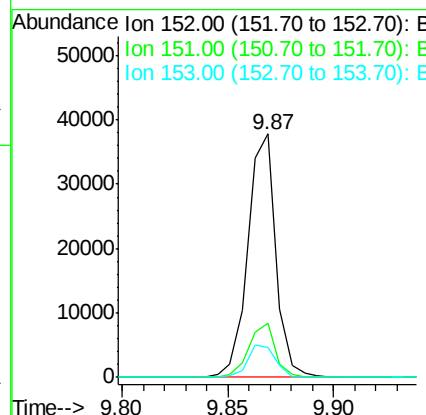
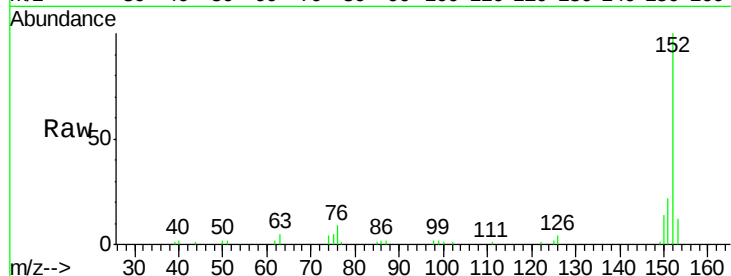
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 34618 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 22.5  | 15.8  | 23.8  |
| 153       | 12.3  | 10.4  | 15.6  |

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#50

Dimethylphthalate

Concen: 0.974 ng

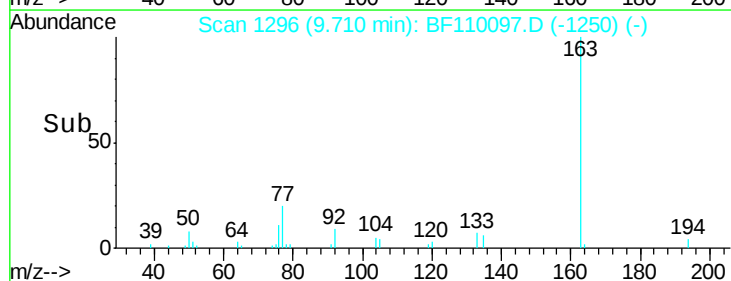
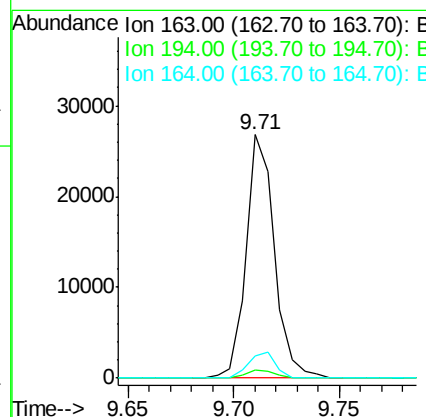
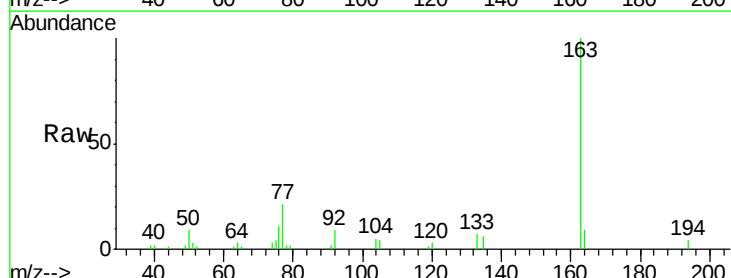
RT: 9.71 min Scan# 1296

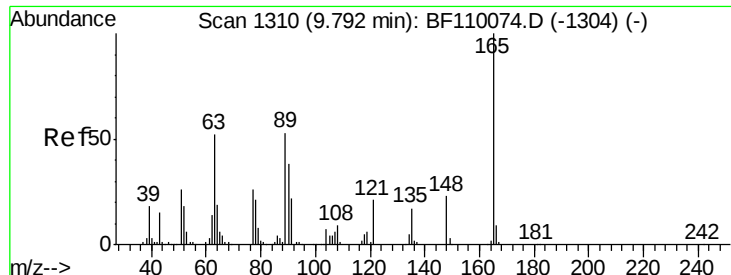
Delta R.T. -0.03 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 24820 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.6   | 3.2   | 4.8   |
| 164       | 8.9   | 8.1   | 12.1  |





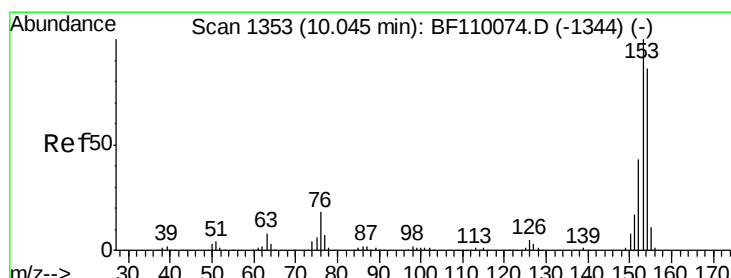
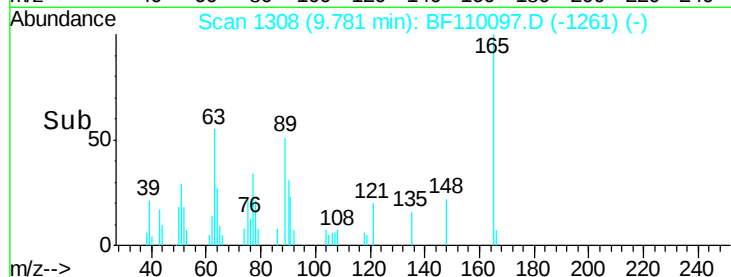
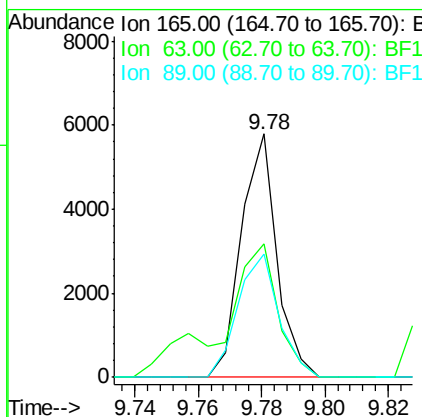
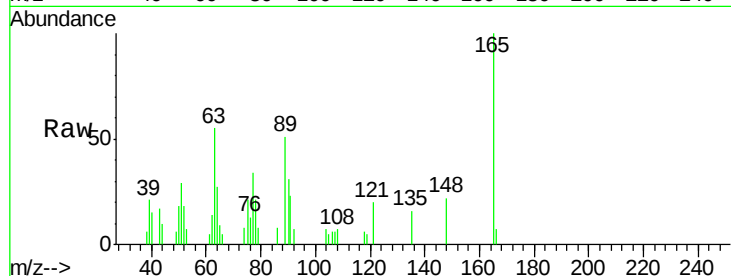
#51  
2,6-Dinitrotoluene  
Concen: 0.813 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   | 4465 |       |       |
| 63      | 55.0  | 48.9 | 73.3  |       |
| 89      | 50.5  | 46.6 | 69.8  |       |

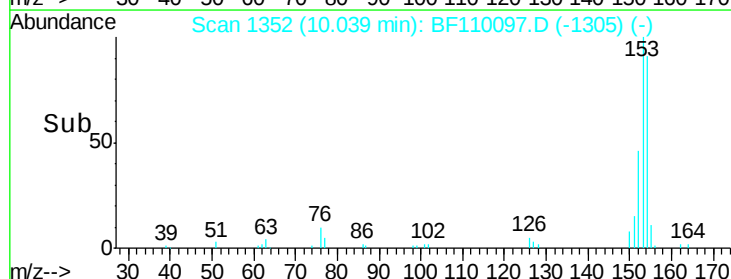
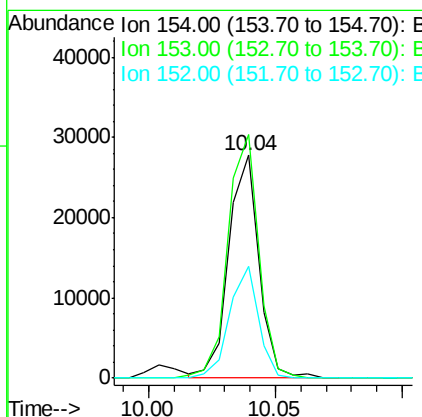
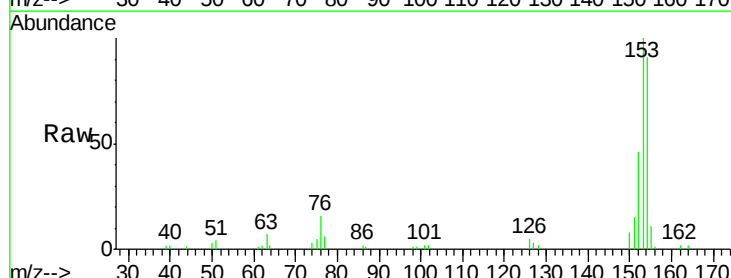
Manual Integrations  
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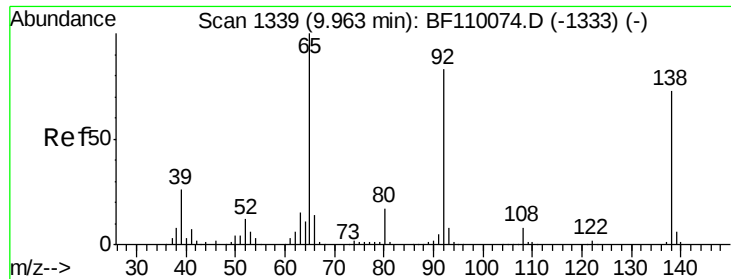
Sohil  
10/24/2018 5:12:14 PM



#52  
Acenaphthene  
Concen: 1.053 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 23057 |       |       |
| 153     | 109.4 | 90.1  | 135.1 |       |
| 152     | 50.0  | 43.4  | 65.2  |       |





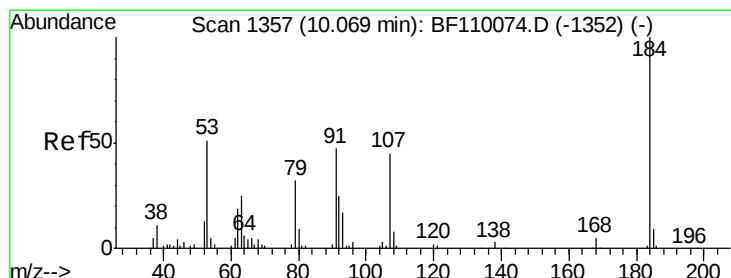
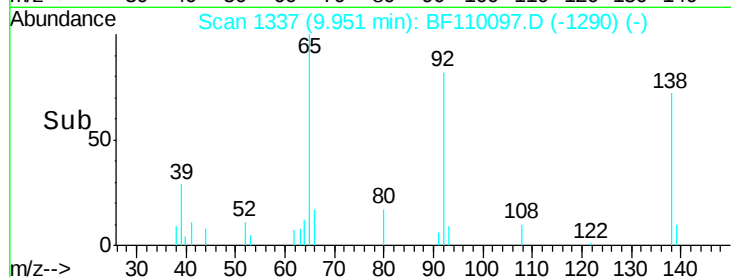
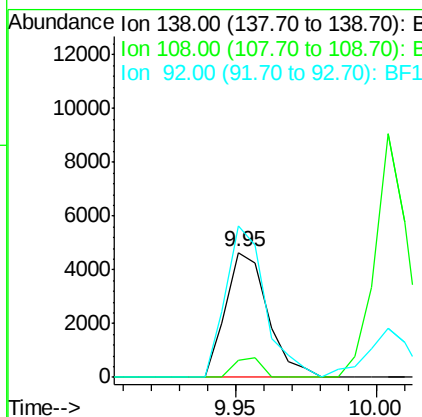
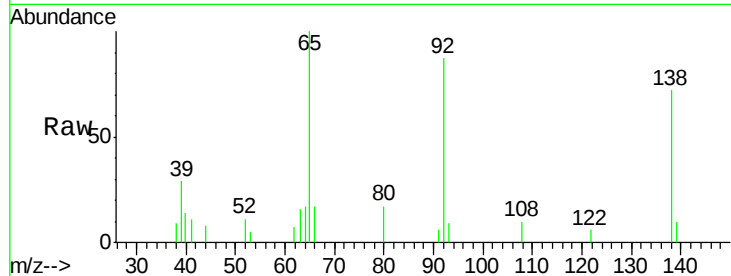
#53  
3-Nitroaniline  
Concen: 0.738 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

Tgt Ion:138 Resp: 4820  
Ion Ratio Lower Upper  
138 100  
108 14.0 8.7 13.1#  
92 120.8 97.0 145.4

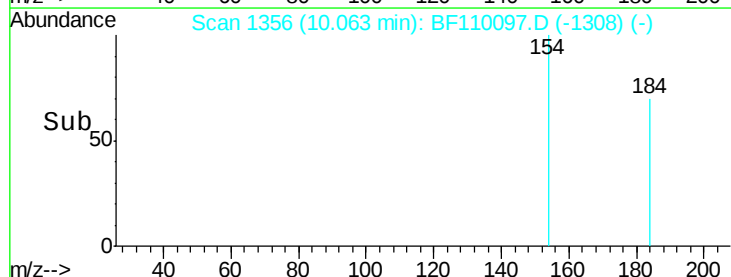
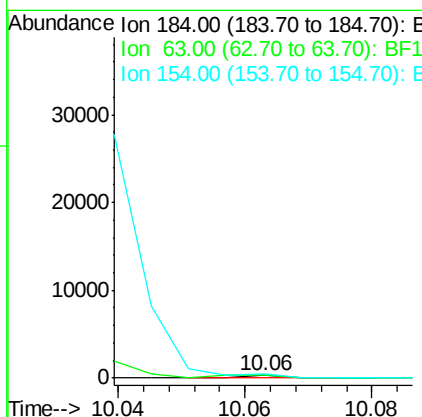
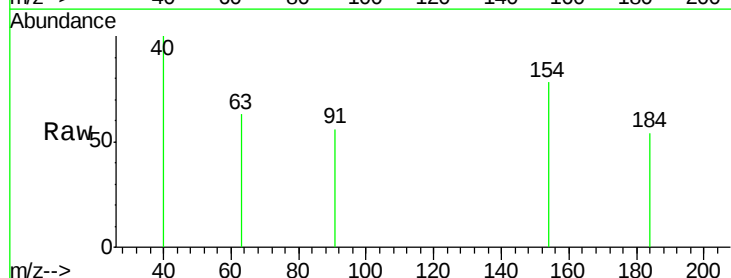
Manual Integrations  
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#54  
2,4-Dinitrophenol  
Concen: 5.225 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

Tgt Ion:184 Resp: 117  
Ion Ratio Lower Upper  
184 100  
63 116.9 55.8 83.6#  
154 143.7 63.2 94.8#





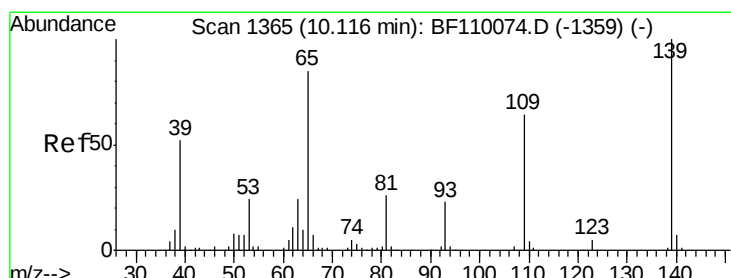
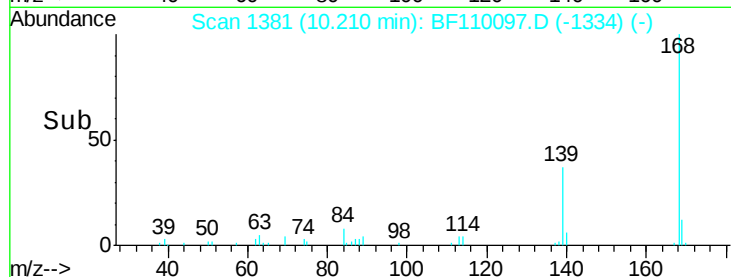
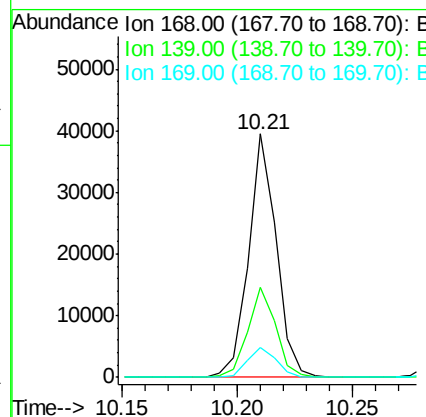
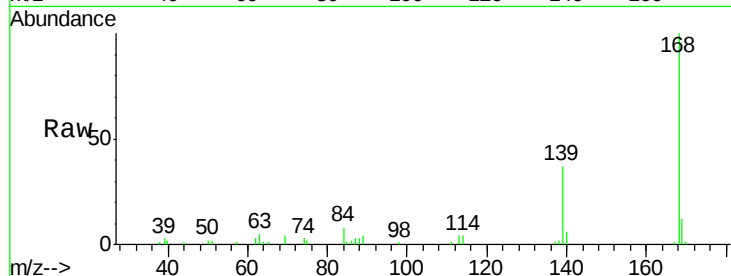
#55  
Dibenzenofuran  
Concen: 1.081 ng  
RT: 10.21 min Scan# 1381  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 168     | 100   | 33125 |       |       |
| 139     | 37.2  | 33.0  | 49.6  |       |
| 169     | 12.2  | 11.3  | 16.9  |       |

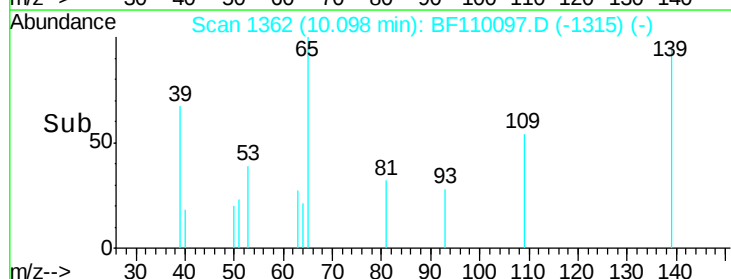
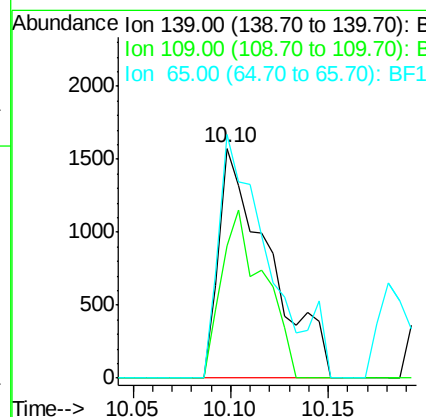
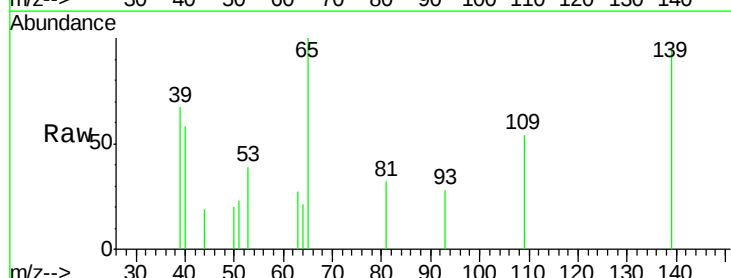
Manual Integrations  
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#56  
4-Nitrophenol  
Concen: 0.585 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   | 2826 |       |       |
| 109     | 57.6  | 55.8 | 95.8  |       |
| 65      | 106.0 | 77.9 | 117.9 |       |





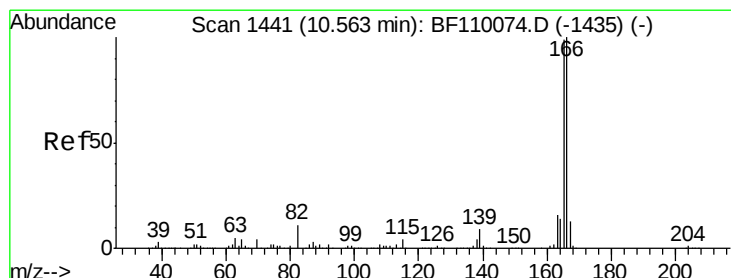
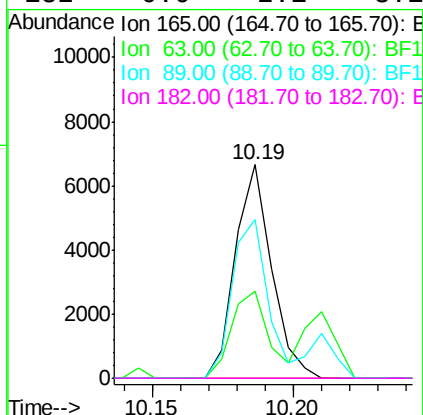
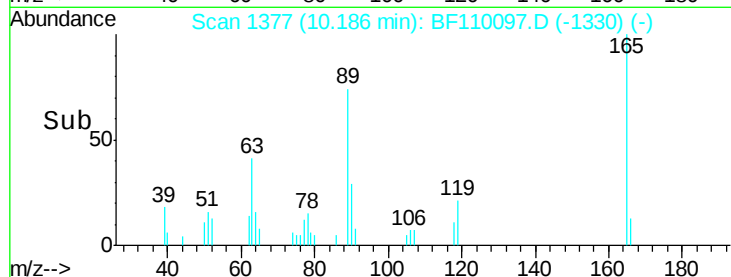
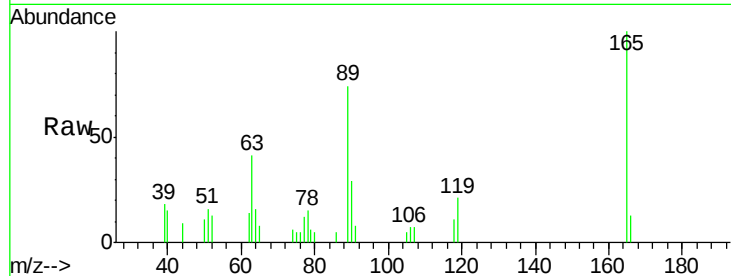
#57  
2,4-Dinitrotoluene  
Concen: 0.852 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 40.5  | 44.8       | 67.2#      |
| 89      | 74.4  | 62.2       | 93.4       |
| 182     | 0.0   | 2.1        | 3.1#       |

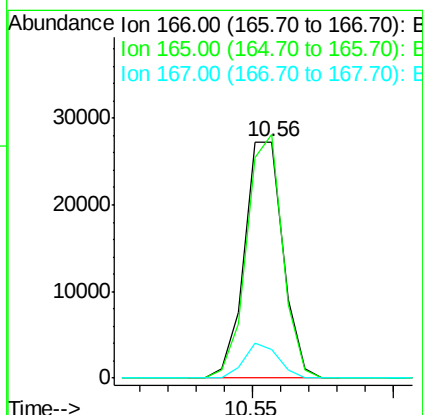
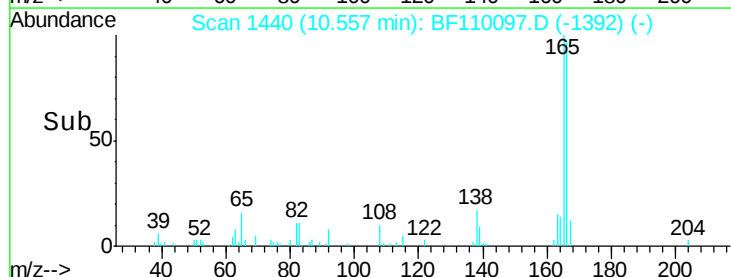
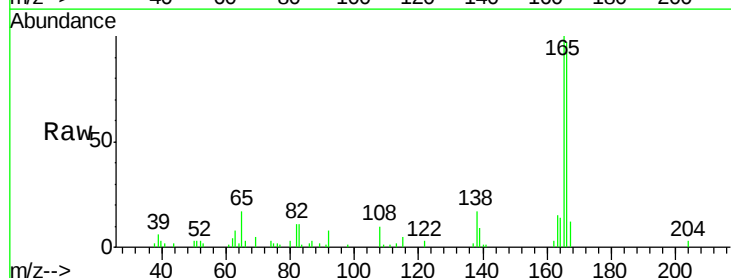
Manual Integrations  
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#58  
Fluorene  
Concen: 1.132 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 103.0 | 78.6       | 117.8      |
| 167     | 11.9  | 10.8       | 16.2       |





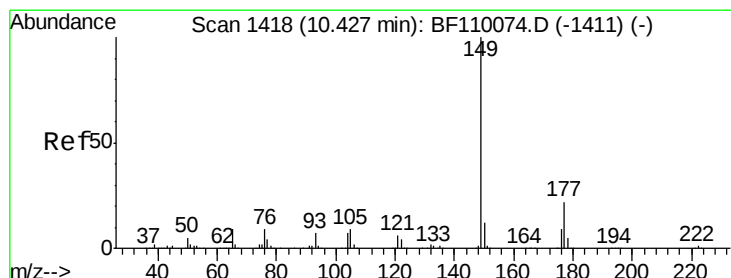
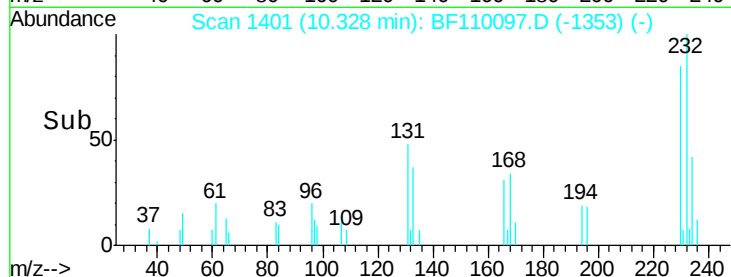
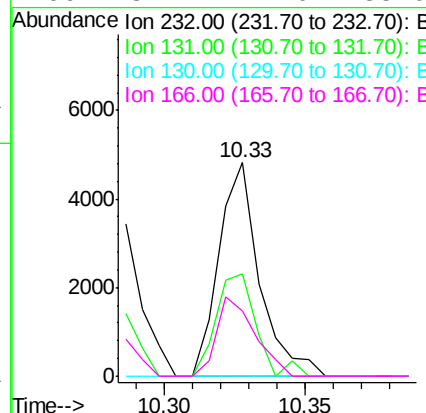
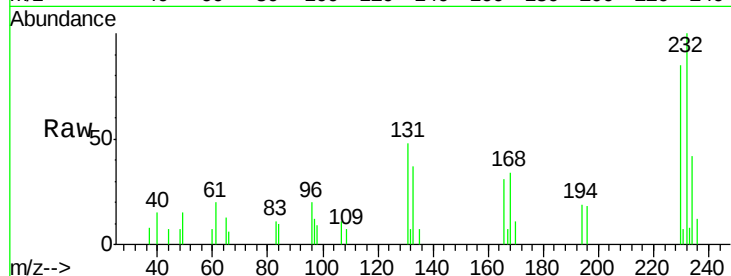
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 0.807 ng  
RT: 10.33 min Scan# 1401  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.5  | 37.0  | 55.4  |
| 130     | 0.0   | 1.8   | 2.6   |
| 166     | 34.7  | 22.0  | 33.0  |

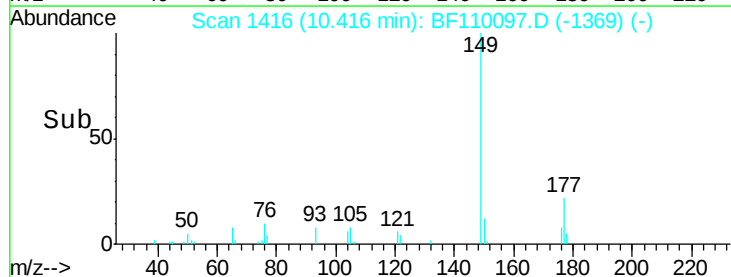
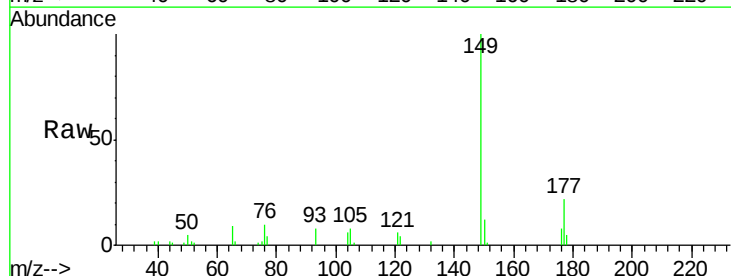
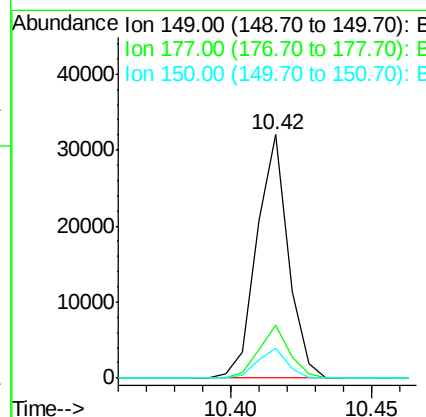
Manual Integrations  
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#60  
Diethylphthalate  
Concen: 0.993 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.4  | 26.2  |
| 150     | 12.2  | 9.8   | 14.8  |





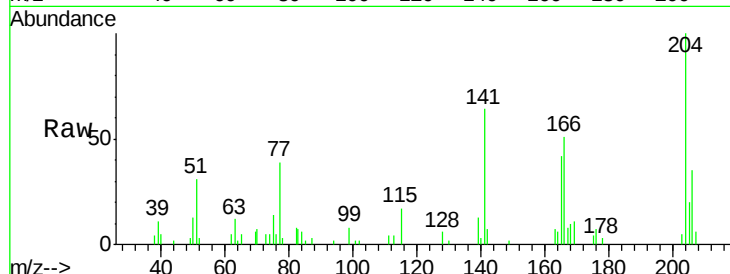
#61  
4-Chlorophenyl-phenylether  
Concen: 1.031 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

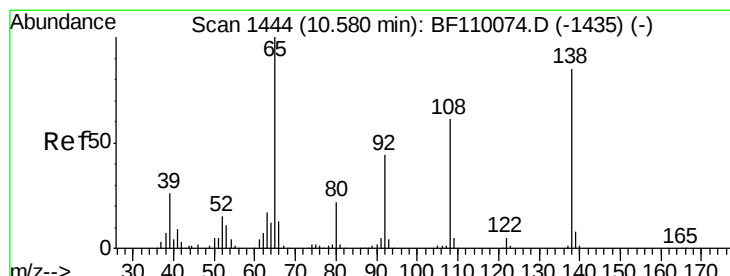
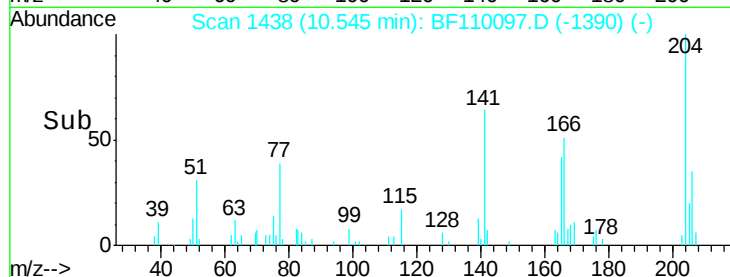
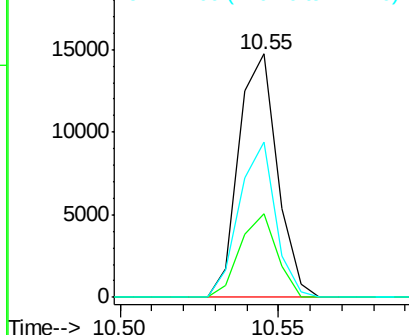
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.6  | 26.5  | 39.7  |
| 141     | 64.0  | 51.8  | 77.8  |

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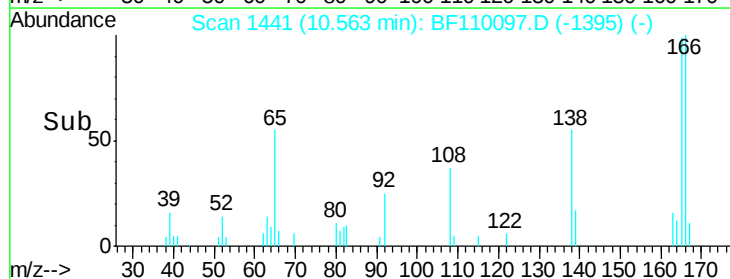
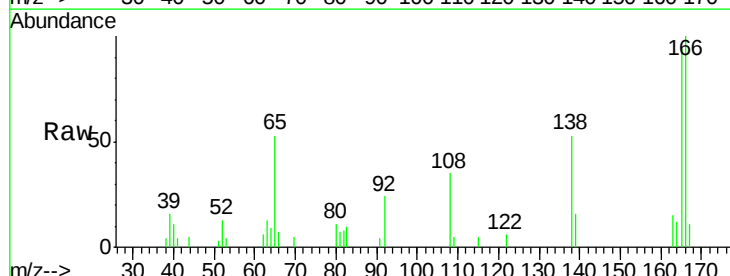
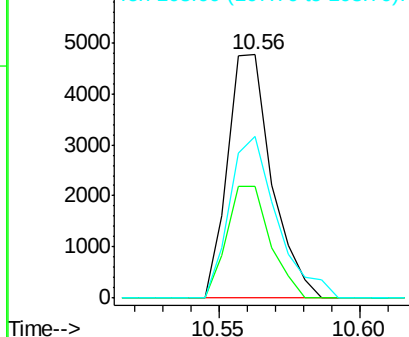
Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 0.799 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.8  | 31.7  | 71.7  |
| 108     | 66.4  | 59.3  | 99.3  |

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





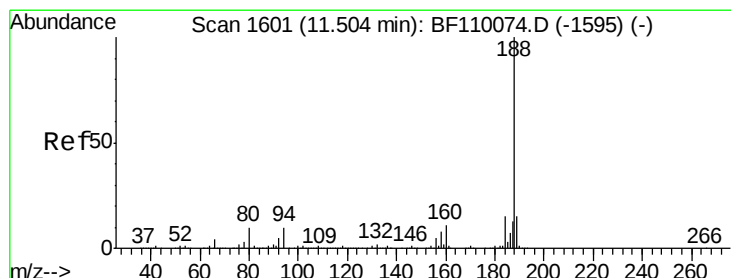
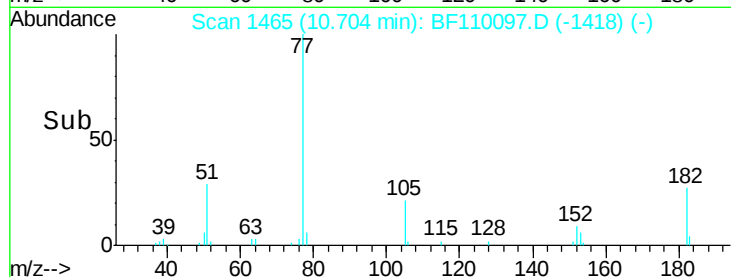
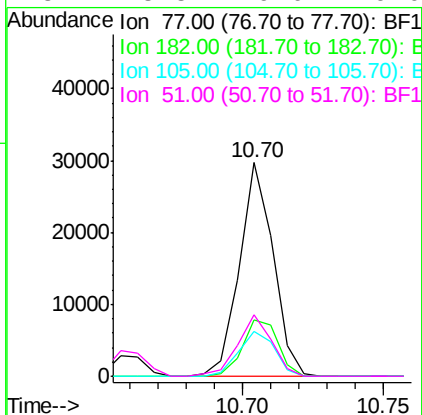
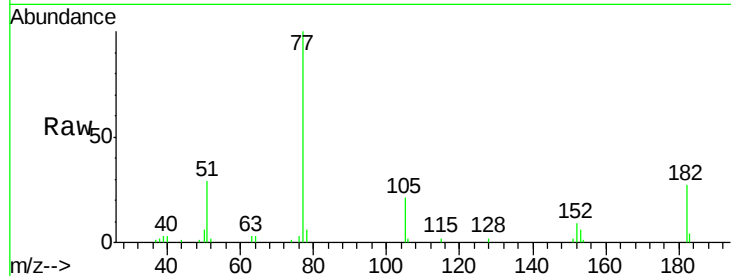
#63  
Azobenzene  
Concen: 0.999 ng  
RT: 10.70 min Scan# 1465  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.7  | 4.3   | 44.3  |
| 105     | 21.0  | 1.3   | 41.3  |
| 51      | 28.5  | 9.0   | 49.0  |

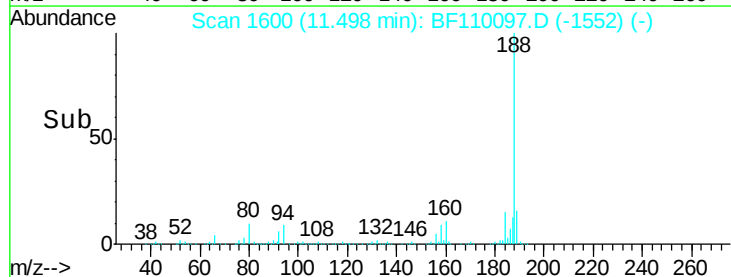
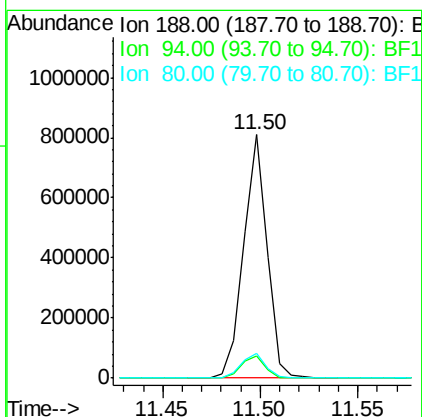
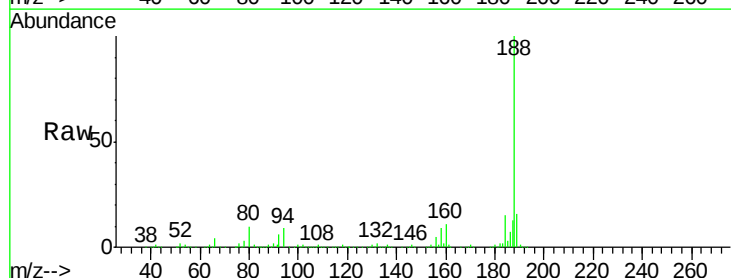
Manual Integrations  
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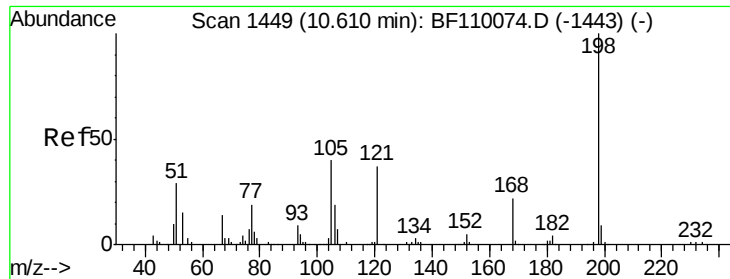
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.3   | 7.2   | 10.8  |
| 80      | 10.3  | 7.9   | 11.9  |





#65

4,6-Dinitro-2-methylphenol

Concen: 0.367 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.03 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

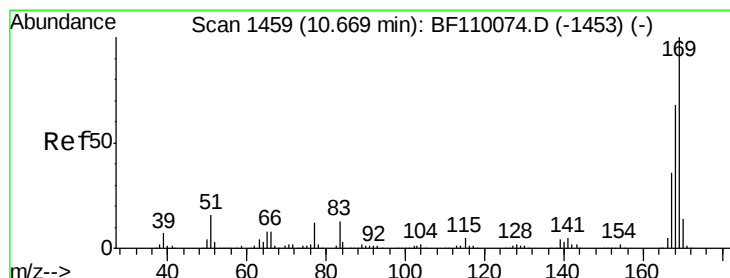
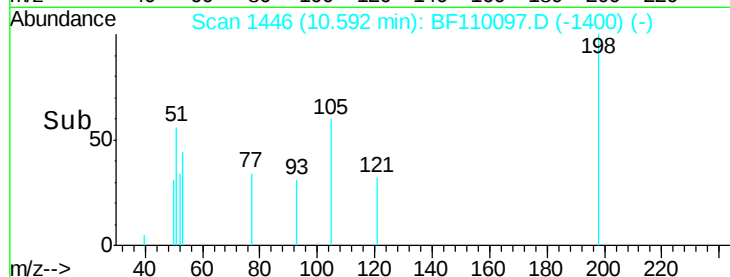
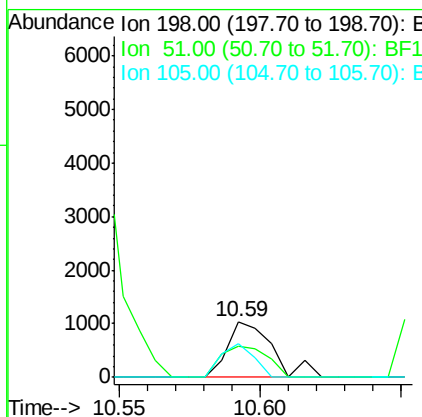
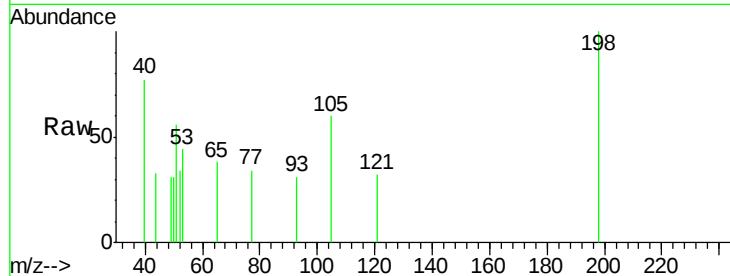
ClientSampleId :

MDL-WATER-03-QT4-2018

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 198   | Resp: | 1130 |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 51        | 55.9  | 22.8  | 62.8 |
| 105       | 60.4  | 23.6  | 63.6 |

Manual Integrations  
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#66

n-Nitrosodiphenylamine

Concen: 0.987 ng

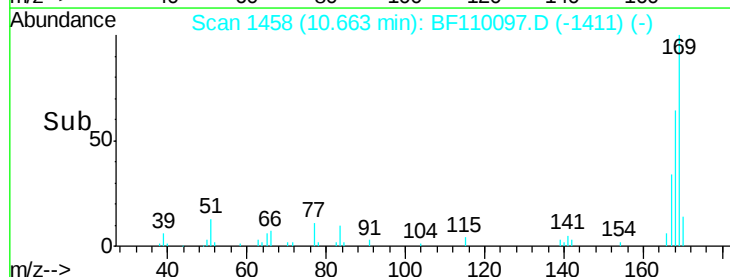
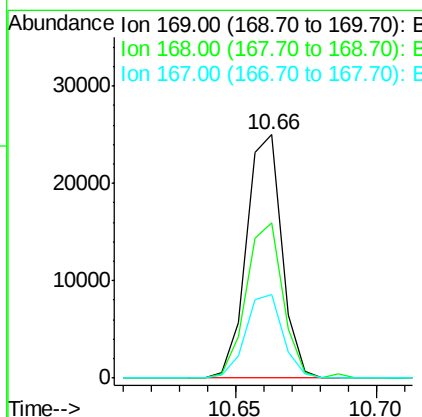
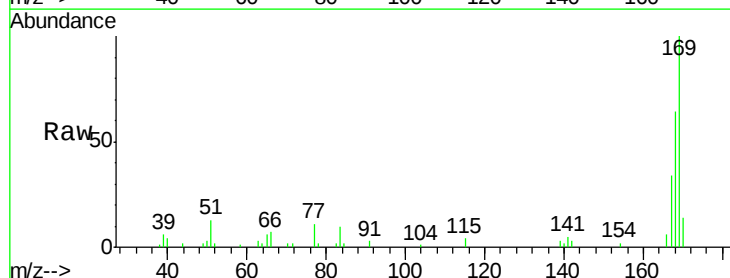
RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 169   | Resp: | 21825 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 63.7  | 51.2  | 76.8  |
| 167       | 34.2  | 27.8  | 41.6  |





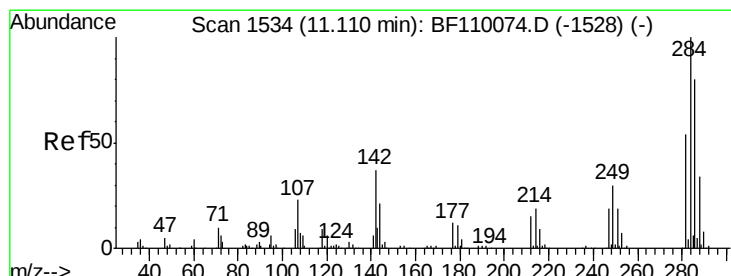
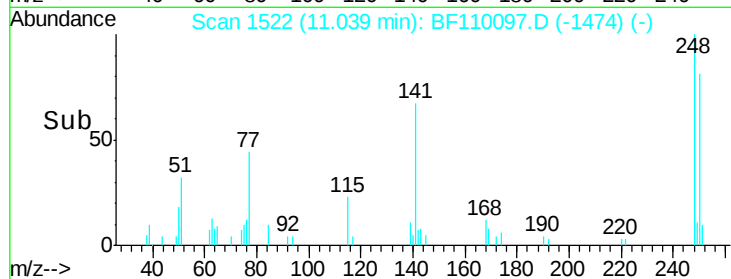
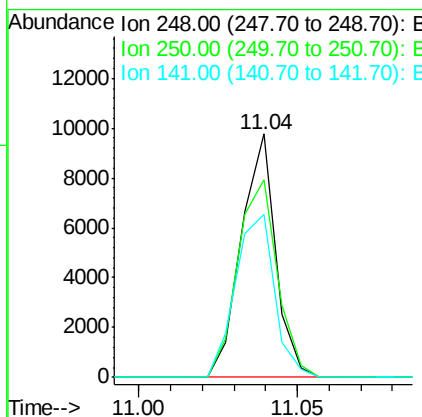
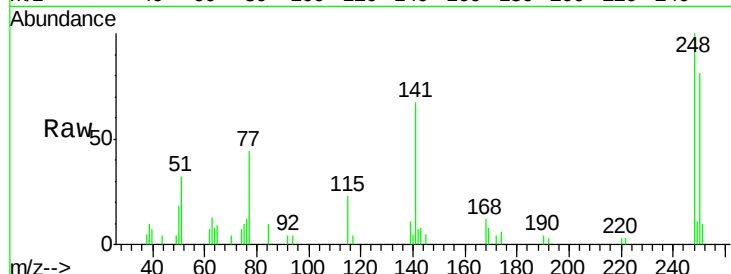
#67  
 4-Bromophenyl-phenylether  
 Concen: 1.001 ng  
 RT: 11.04 min Scan# 1522  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 81.2  | 79.4  | 119.2 |
| 141     | 67.1  | 55.9  | 83.9  |

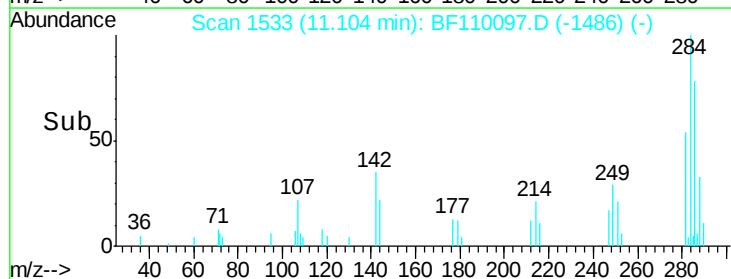
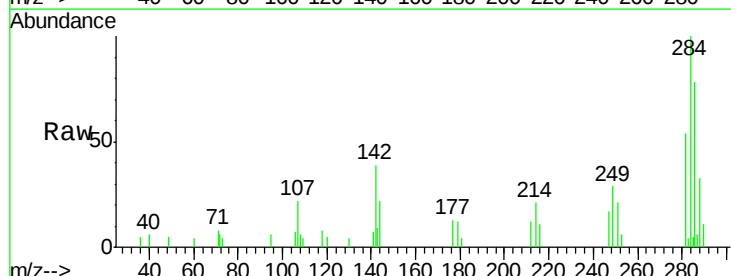
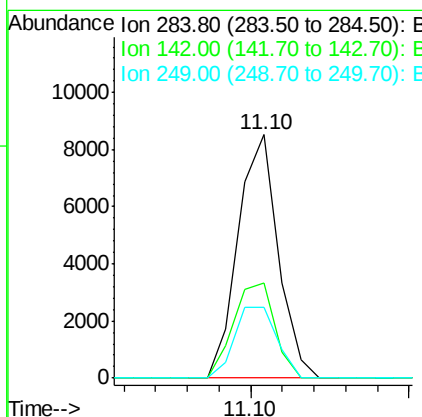
Manual Integrations  
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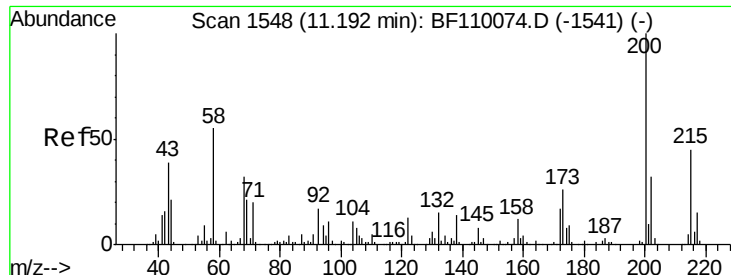
Sohil  
 10/24/2018 5:12:14 PM



#68  
 Hexachlorobenzene  
 Concen: 0.959 ng  
 RT: 11.10 min Scan# 1533  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.0  | 23.9  | 35.9# |
| 249     | 29.0  | 24.2  | 36.2  |





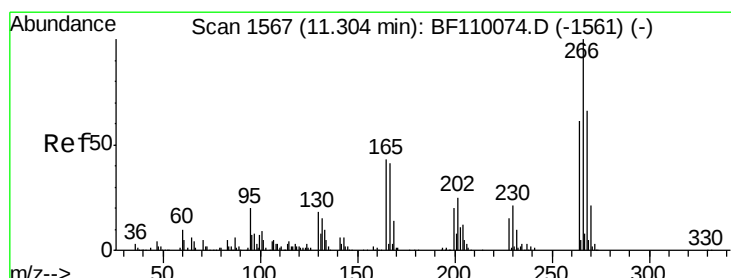
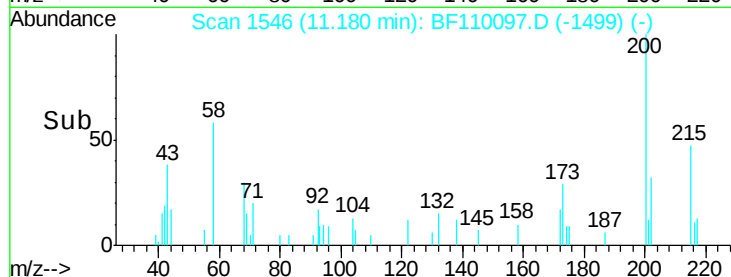
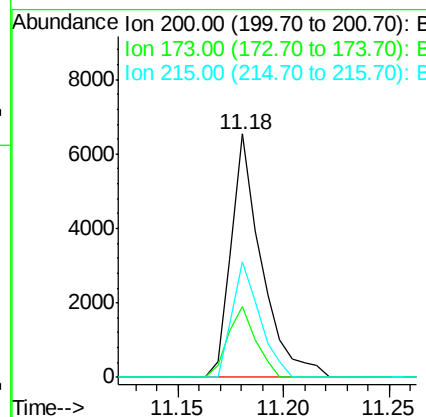
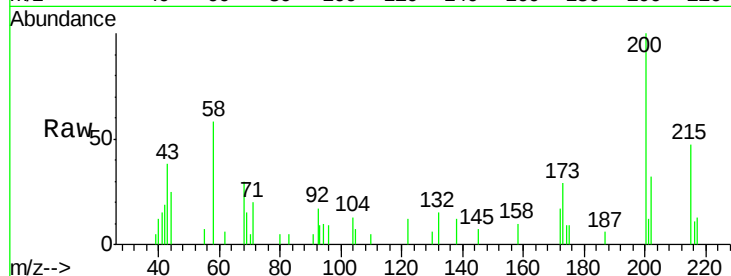
#69  
Atrazine  
Concen: 0.934 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   | 6527 |       |       |
| 173     | 29.1  | 6.6  | 46.6  |       |
| 215     | 47.3  | 26.3 | 66.3  |       |

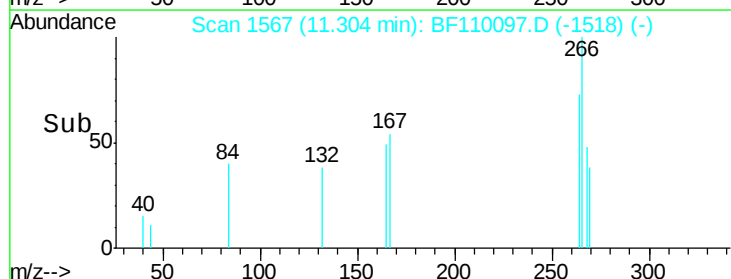
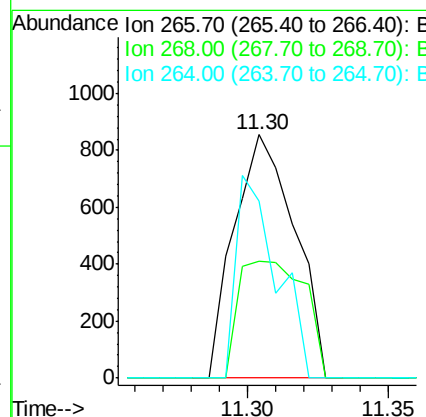
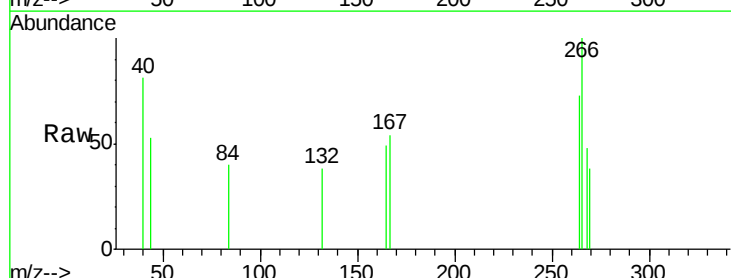
Manual Integrations  
APPROVED

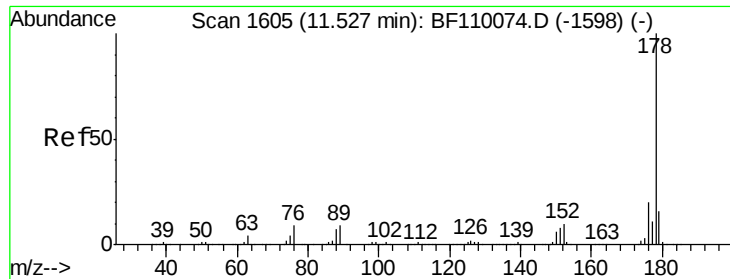
Sohil  
10/24/2018 5:12:14 PM



#70  
Pentachlorophenol  
Concen: 0.281 ng  
RT: 11.30 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   | 1270 |       |       |
| 268     | 48.0  | 50.6 | 75.8# |       |
| 264     | 72.8  | 50.6 | 75.8  |       |





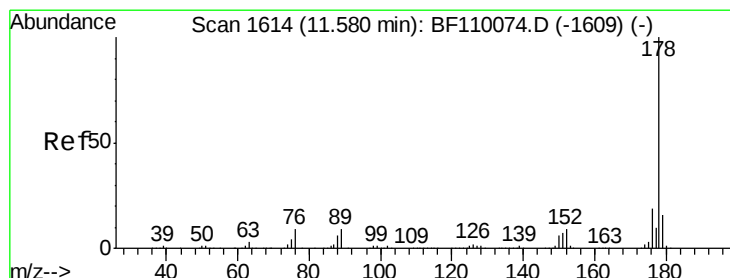
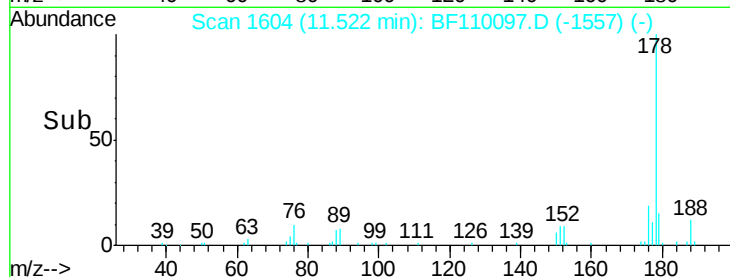
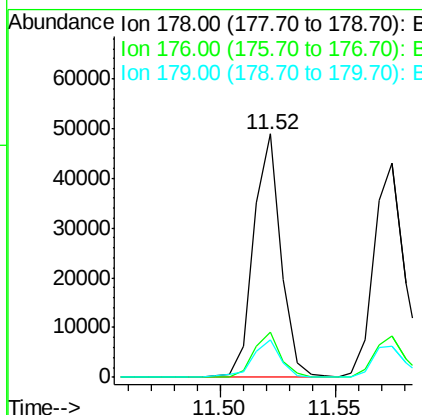
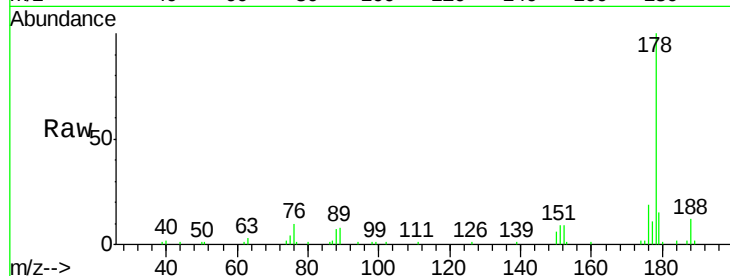
#71  
Phenanthrene  
Concen: 1.149 ng  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.5  | 23.3  |
| 179     | 15.3  | 12.5  | 18.7  |

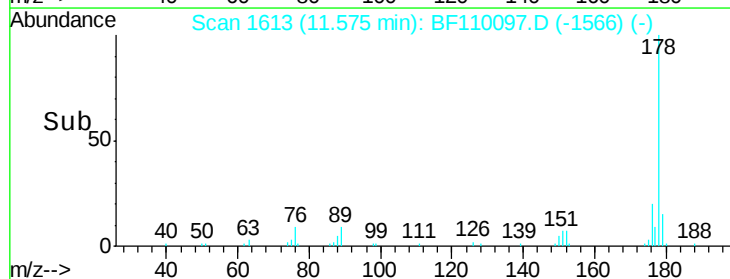
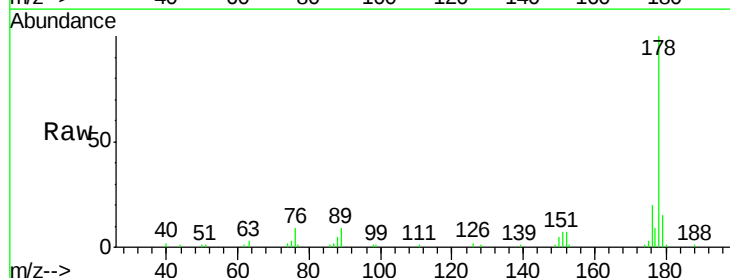
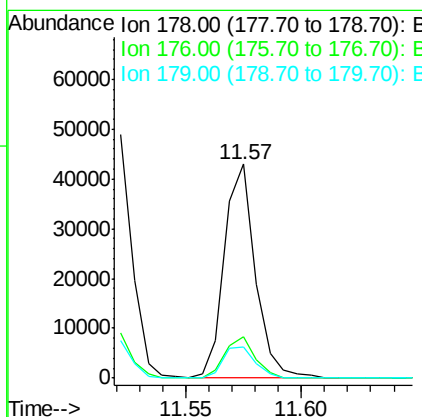
Manual Integrations  
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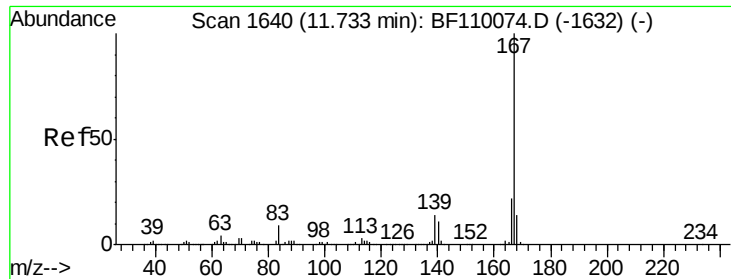
Sohil  
10/24/2018 5:12:14 PM



#72  
Anthracene  
Concen: 1.139 ng  
RT: 11.57 min Scan# 1613  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.4  | 23.2  |
| 179     | 14.7  | 12.6  | 18.8  |





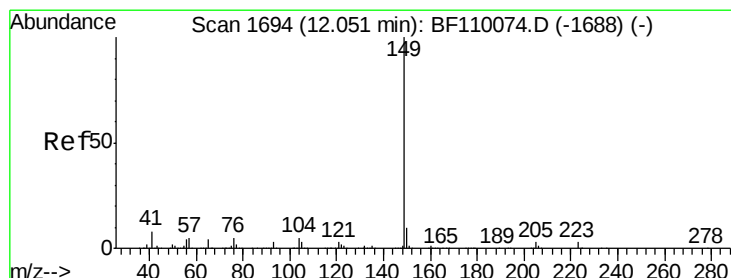
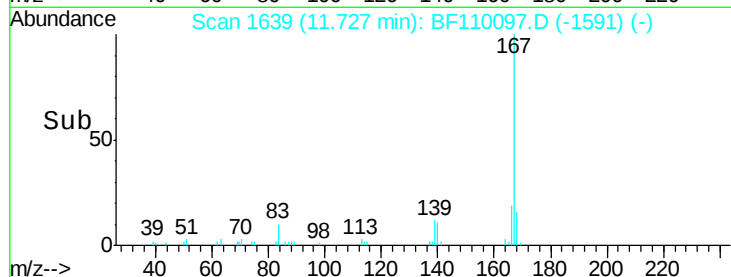
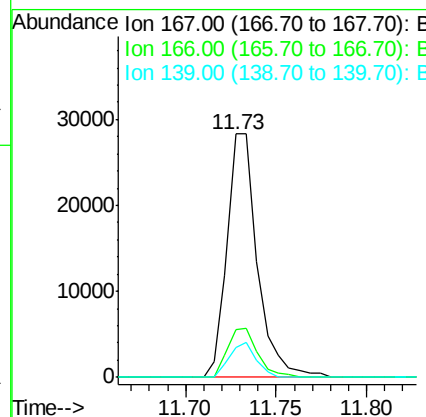
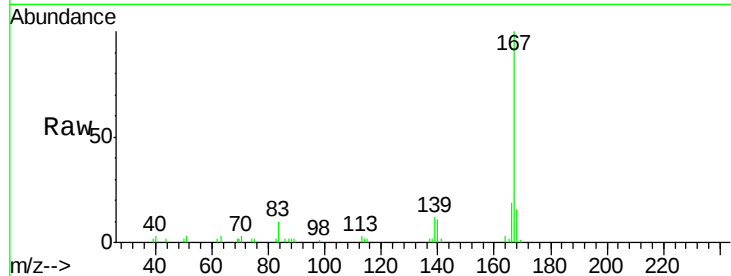
#73  
 Carbazole  
 Concen: 0.961 ng  
 RT: 11.73 min Scan# 1639  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 19.4  | 17.4  | 26.0  |
| 139     | 12.1  | 10.9  | 16.3  |

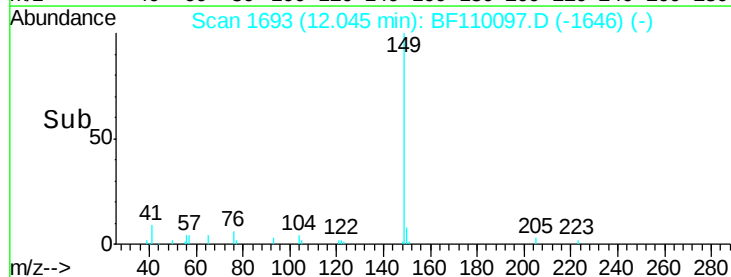
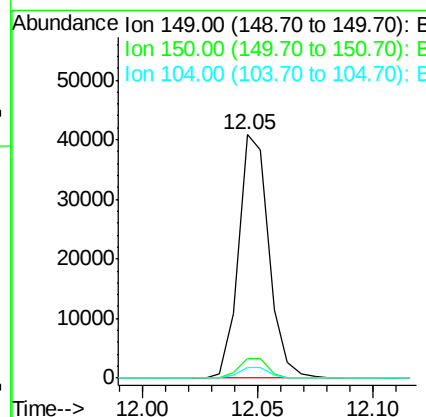
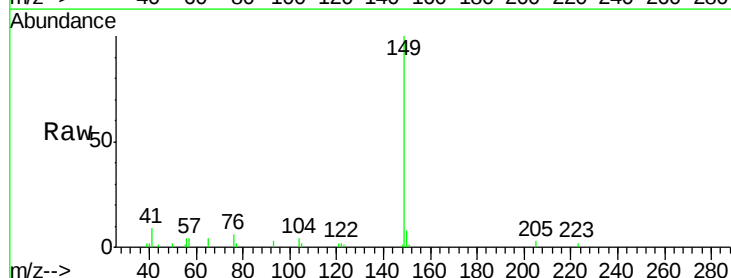
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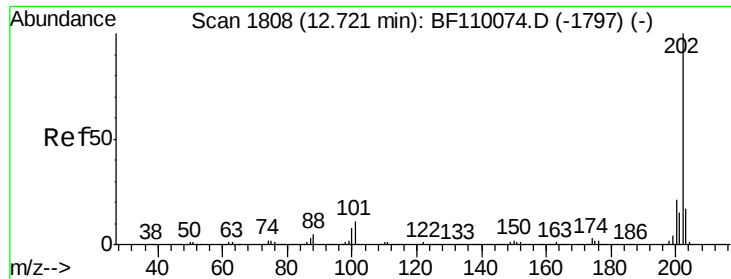
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#74  
 Di-n-butylphthalate  
 Concen: 0.960 ng  
 RT: 12.05 min Scan# 1693  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.1   | 7.7   | 11.5  |
| 104     | 4.2   | 4.2   | 6.4#  |





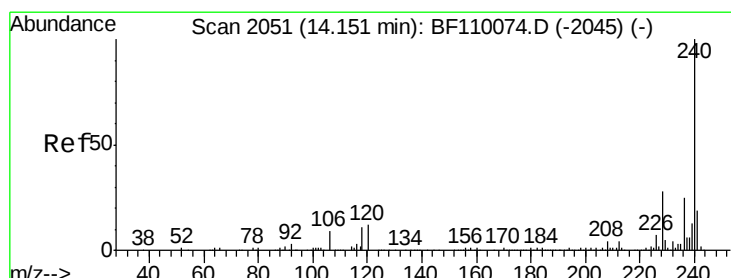
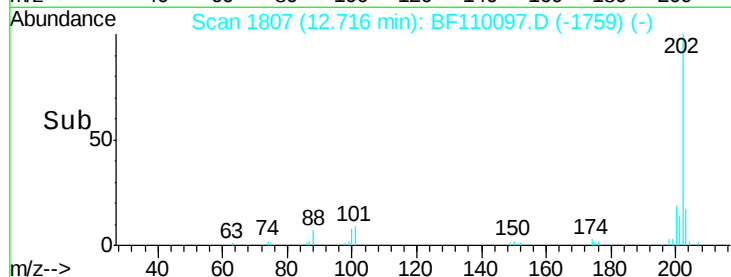
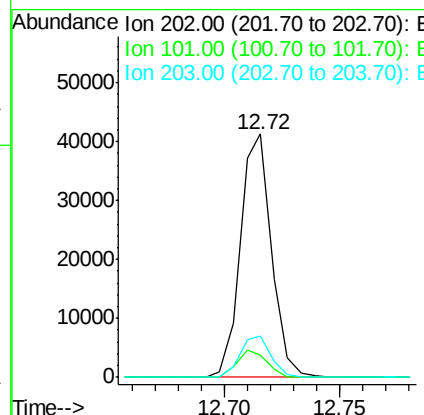
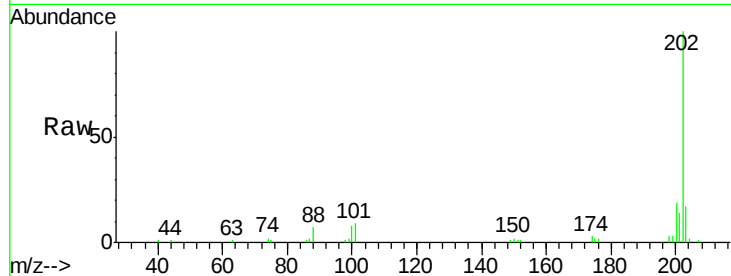
#75  
 Fluoranthene  
 Concen: 1.082 ng  
 RT: 12.72 min Scan# 1807  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 9.3   | 0.0        | 31.4       |
| 203     | 16.8  | 0.0        | 37.7       |

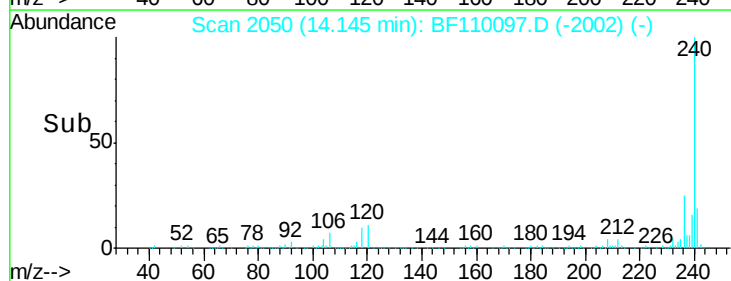
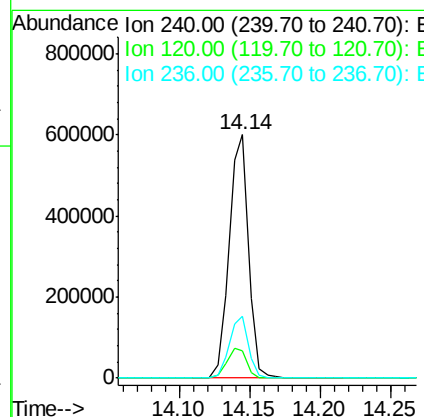
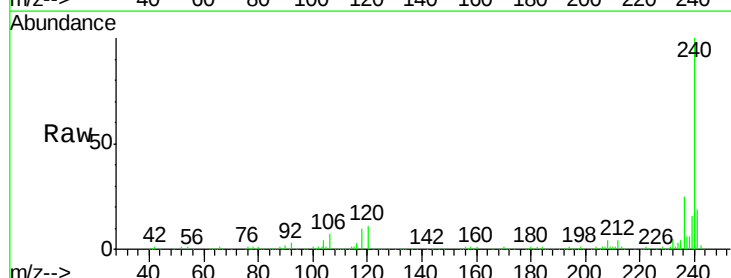
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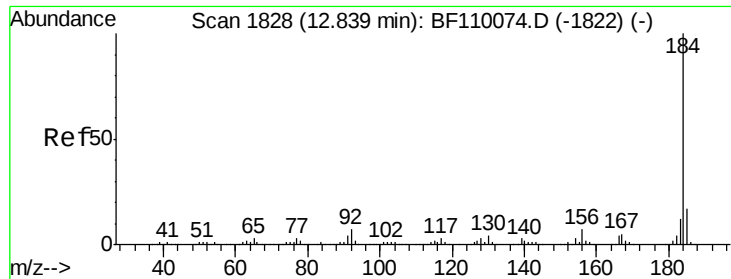
Sohil  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.14 min Scan# 2050  
 Delta R.T. -0.02 min  
 Lab File: BF110097.D  
 Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 11.0  | 8.3        | 12.5       |
| 236     | 25.4  | 21.2       | 31.8       |





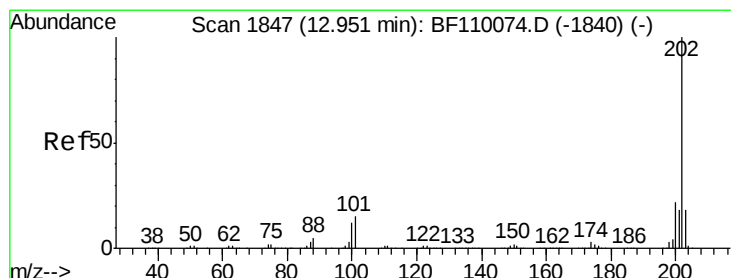
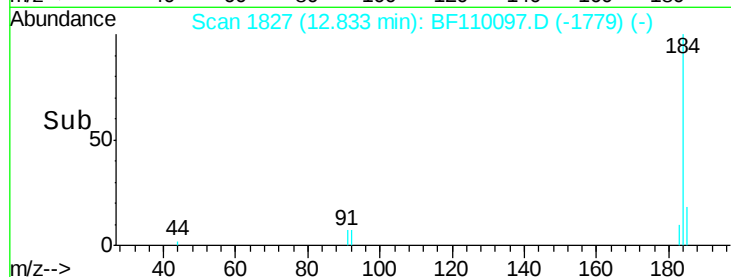
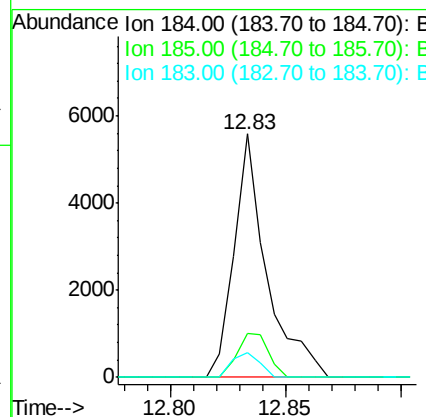
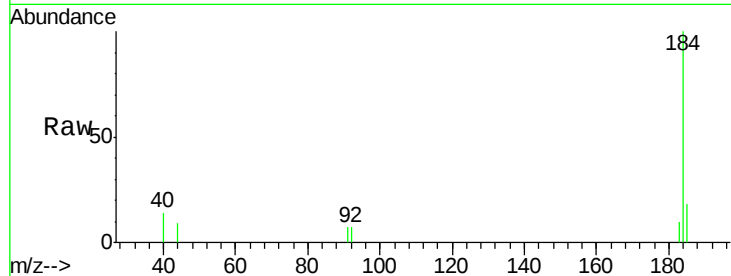
#77  
Benzidine  
Concen: 0.228 ng  
RT: 12.83 min Scan# 1827  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   | 5480 |       |       |
| 185     | 18.0  |      | 13.4  | 20.2  |
| 183     | 10.4  |      | 9.4   | 14.2  |

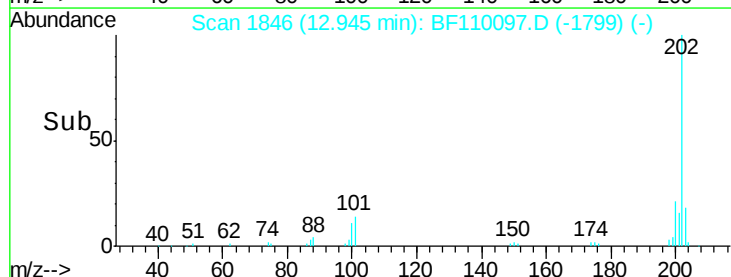
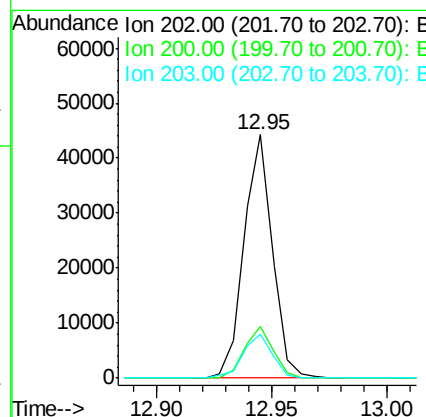
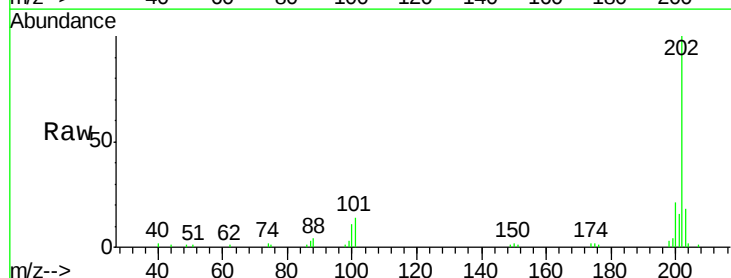
Manual Integrations  
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#78  
Pyrene  
Concen: 0.936 ng  
RT: 12.95 min Scan# 1846  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 38217 |       |       |
| 200     | 21.4  |       | 17.8  | 26.6  |
| 203     | 17.9  |       | 14.2  | 21.4  |





#79

Terphenyl-d14

Concen: 64.679 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110097.D

Acq: 24 Oct 2018 00:16

Instrument :

BNA\_F

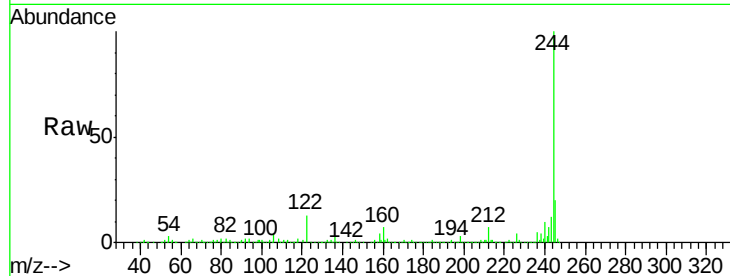
ClientSampleId :

MDL-WATER-03-QT4-2018

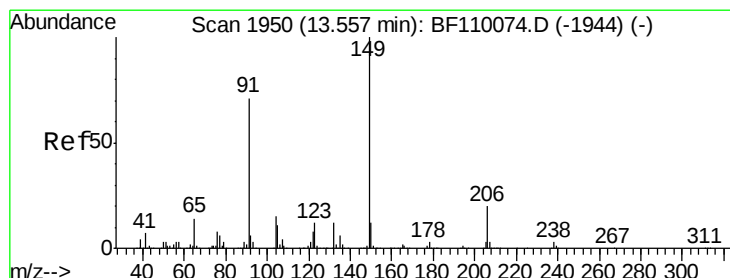
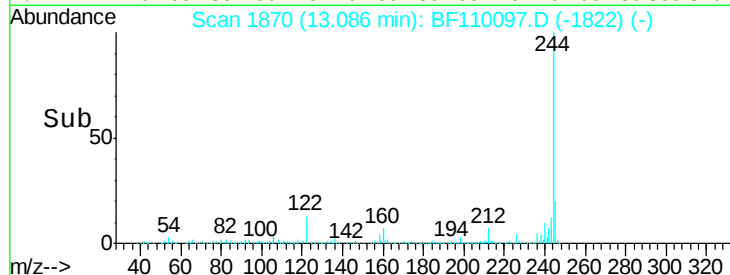
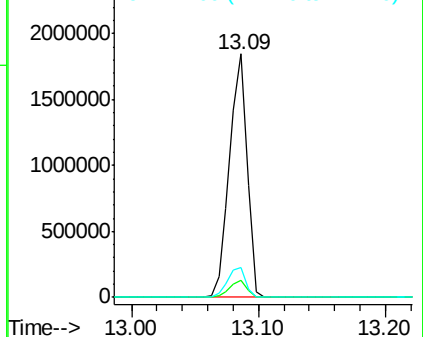
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1771441 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.1   | 5.8   | 8.8     |
| 122       | 12.5  | 8.7   | 13.1    |

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



#80

Butylbenzylphthalate

Concen: 0.760 ng

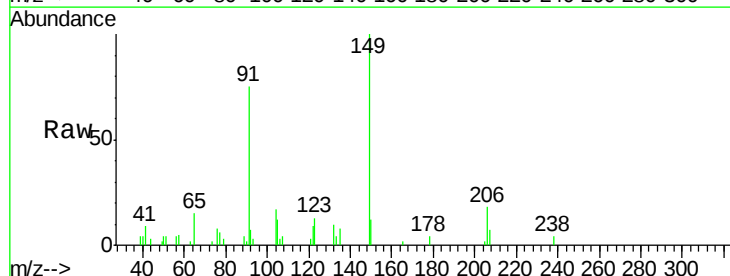
RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

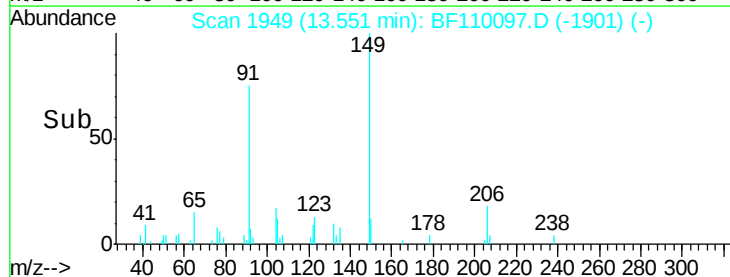
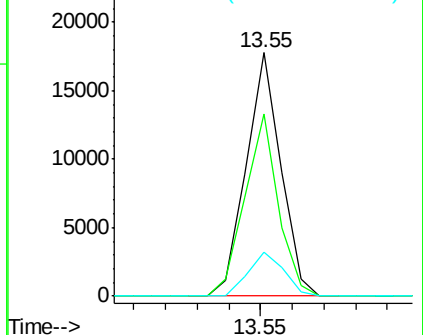
Lab File: BF110097.D

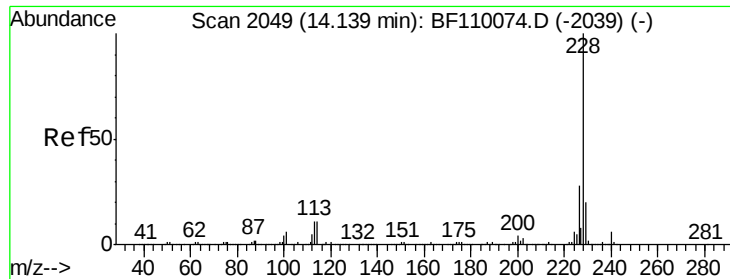
Acq: 24 Oct 2018 00:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 13472 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 74.9  | 57.2  | 85.8  |
| 206       | 18.1  | 15.7  | 23.5  |



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





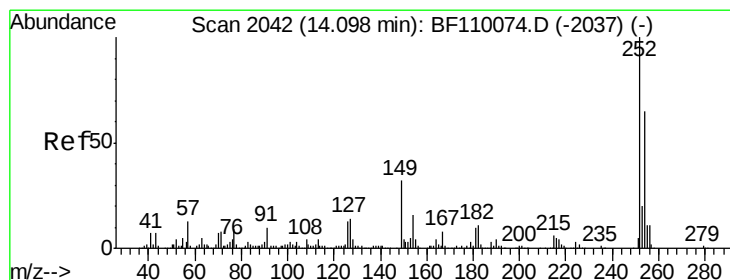
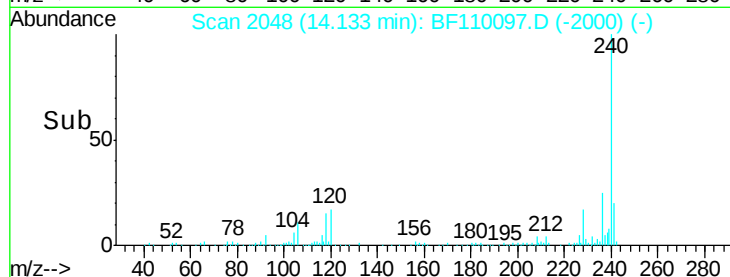
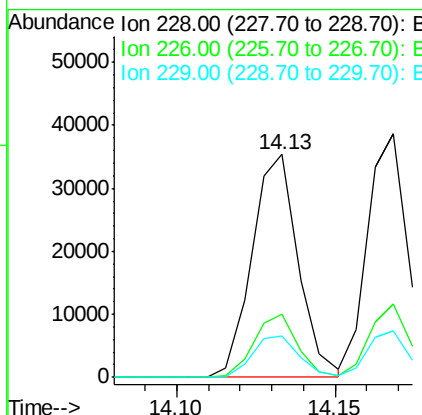
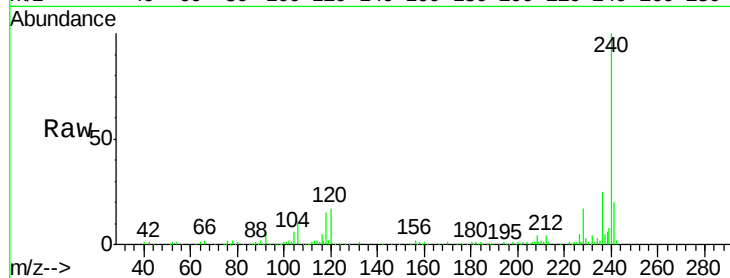
#81  
Benzo(a)anthracene  
Concen: 1.059 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 22.1  | 33.1  |
| 229     | 18.6  | 15.6  | 23.4  |

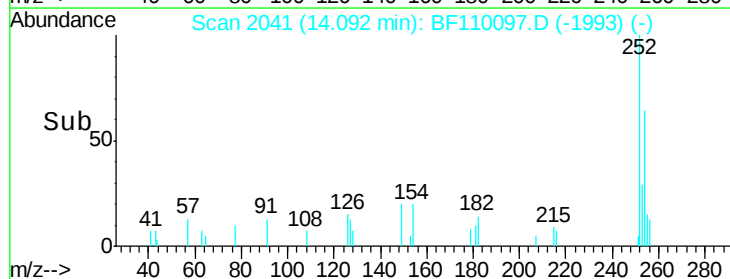
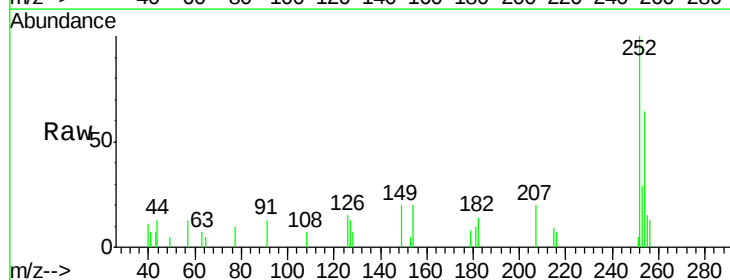
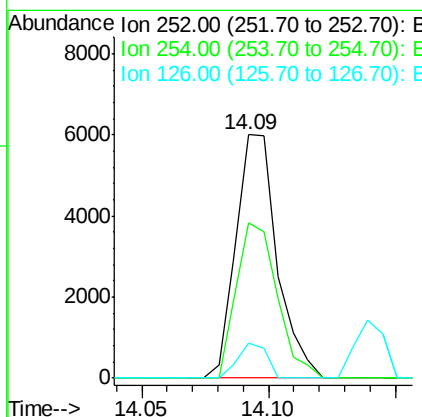
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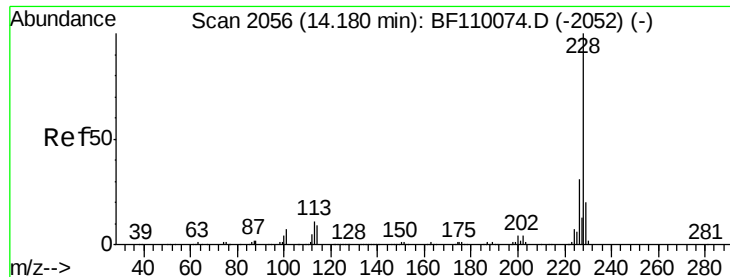
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#82  
3,3'-Dichlorobenzidine  
Concen: 0.578 ng  
RT: 14.09 min Scan# 2041  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.0  | 51.3  | 76.9  |
| 126     | 14.6  | 9.4   | 14.2  |





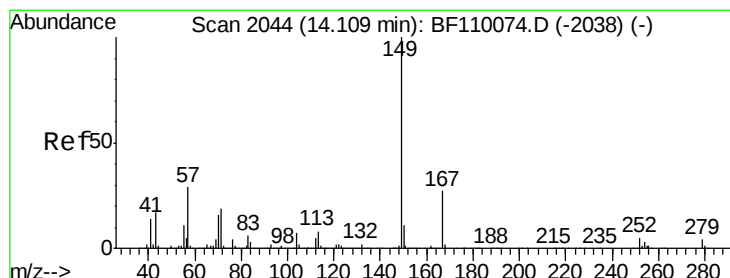
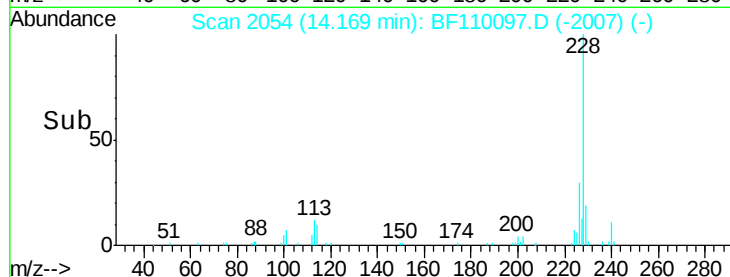
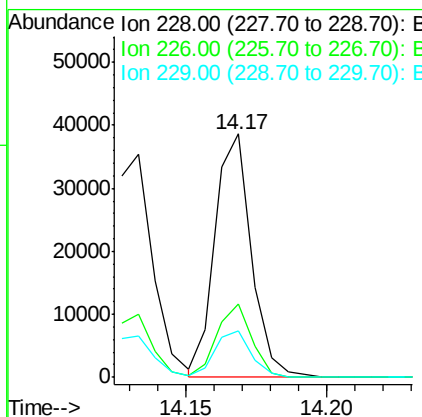
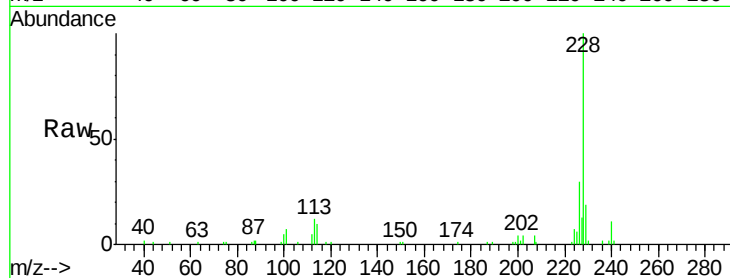
#83  
Chrysene  
Concen: 1.080 ng  
RT: 14.17 min Scan# 2054  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

Tgt Ion: 228 Resp: 34637  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.7 37.1  
229 18.9 15.9 23.9

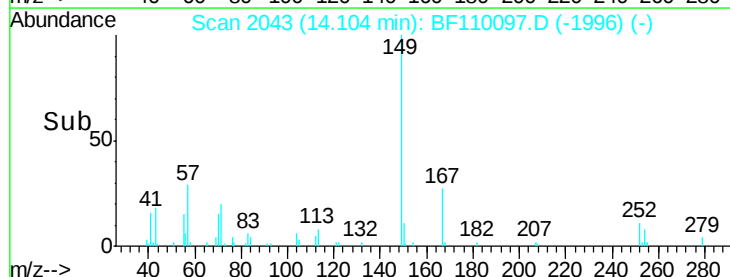
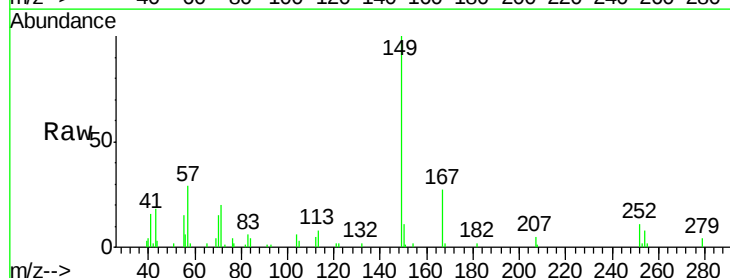
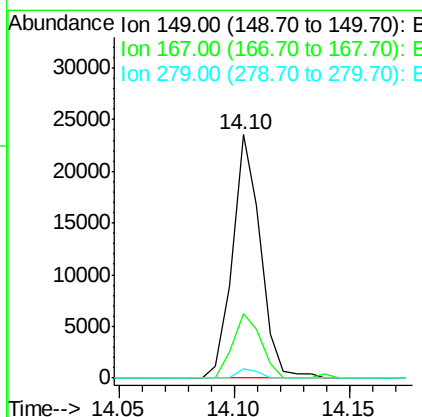
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 0.825 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

Tgt Ion: 149 Resp: 19770  
Ion Ratio Lower Upper  
149 100  
167 26.7 19.8 29.8  
279 4.0 2.7 4.1





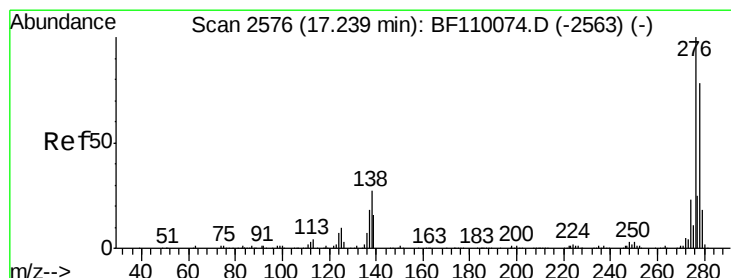
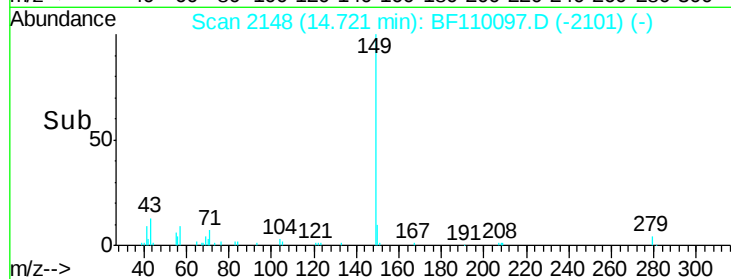
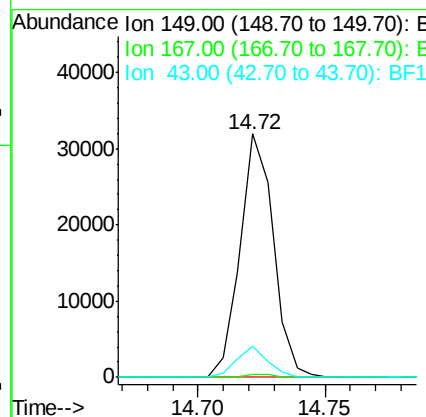
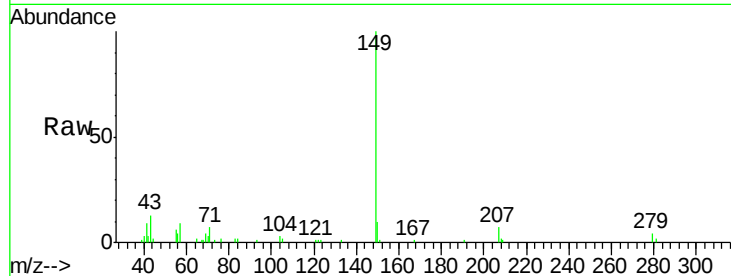
#85  
Di-n-octyl phthalate  
Concen: 0.783 ng  
RT: 14.72 min Scan# 2148  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 0.9   | 1.1   | 1.7#  |
| 43      | 12.0  | 7.8   | 11.8# |

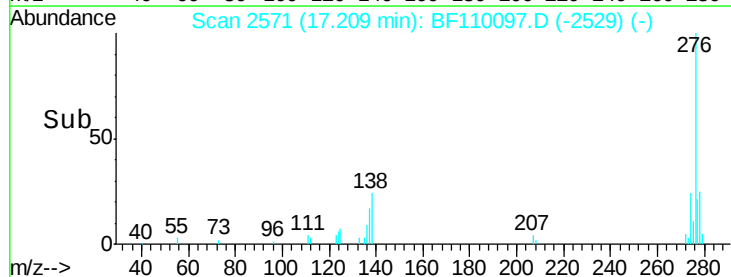
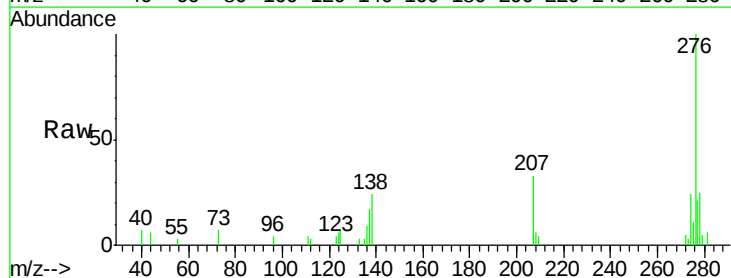
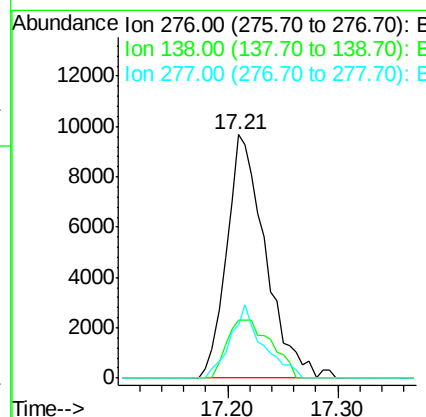
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 0.892 ng  
RT: 17.21 min Scan# 2571  
Delta R.T. -0.05 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.3  | 18.5  | 27.7  |
| 277     | 25.0  | 20.0  | 30.0  |





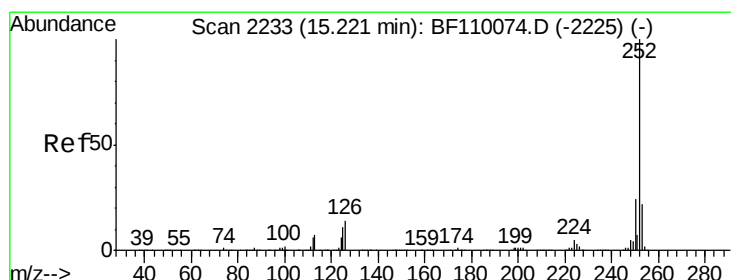
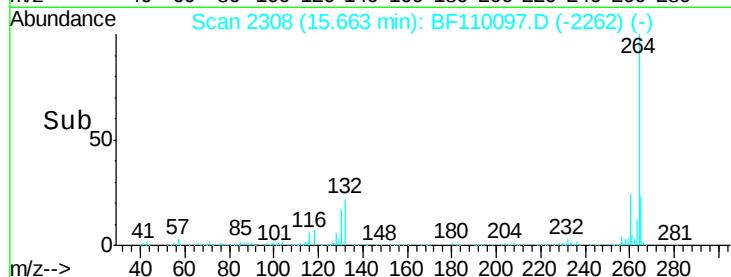
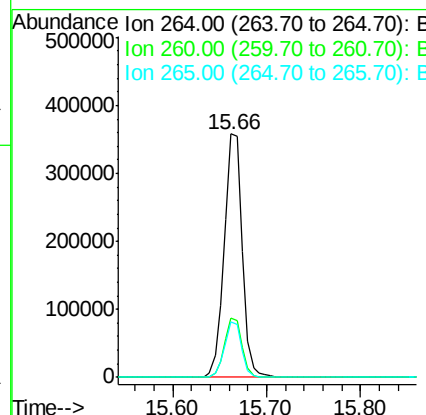
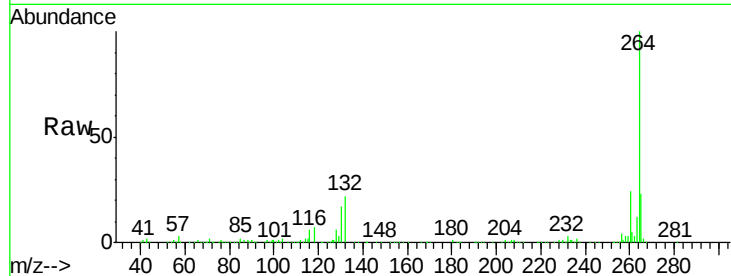
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.66 min Scan# 2308  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 18.7  | 28.1  |
| 265     | 22.8  | 16.7  | 25.1  |

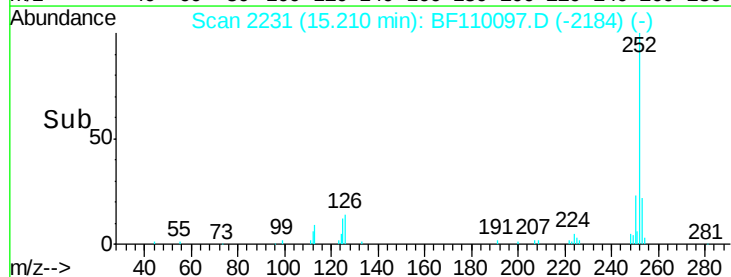
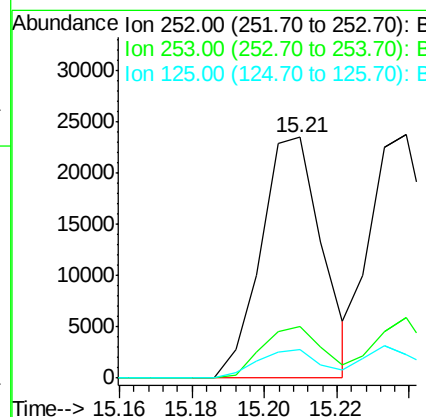
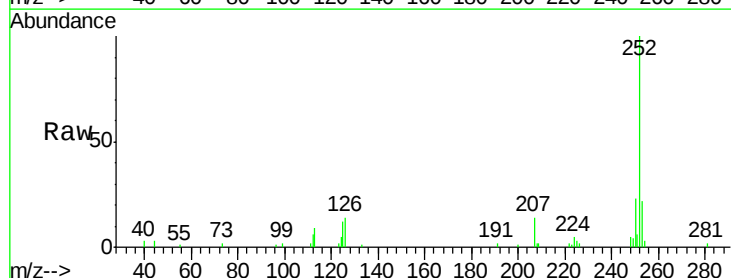
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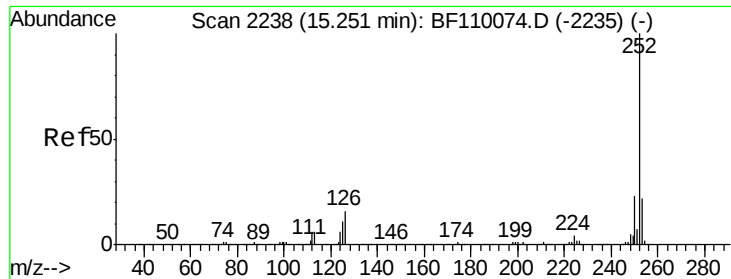
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#88  
Benzo(b)fluoranthene  
Concen: 0.992 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.02 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.2  | 25.8  |
| 125     | 12.1  | 8.2   | 12.4  |





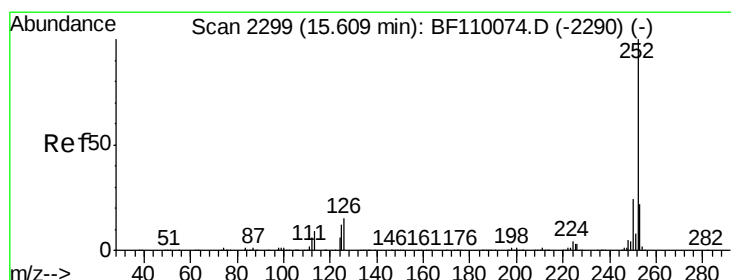
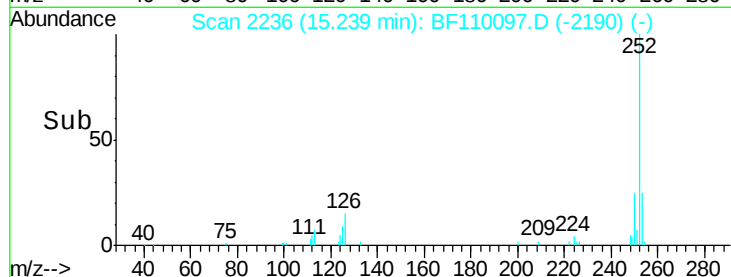
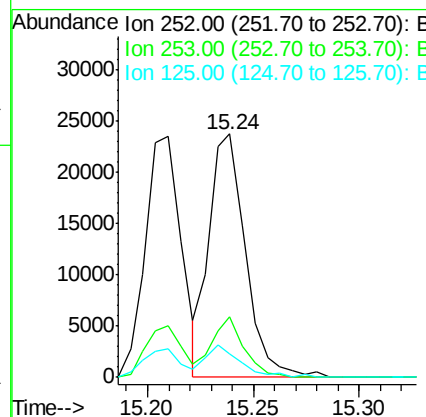
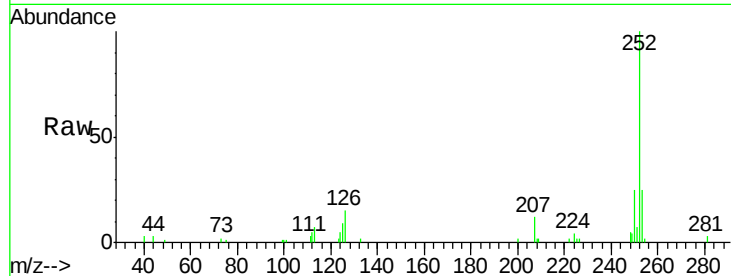
#89  
Benzo(k)fluoranthene  
Concen: 1.043 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.03 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.9  | 17.2  | 25.8  |
| 125     | 9.5   | 7.4   | 11.0  |

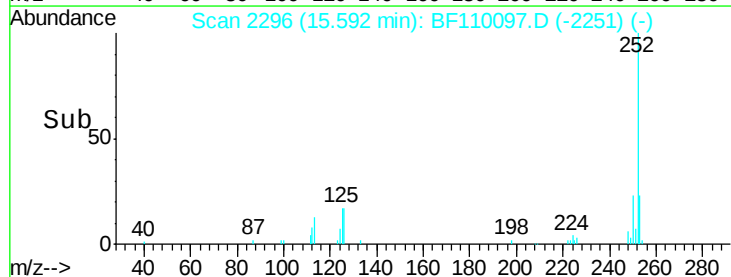
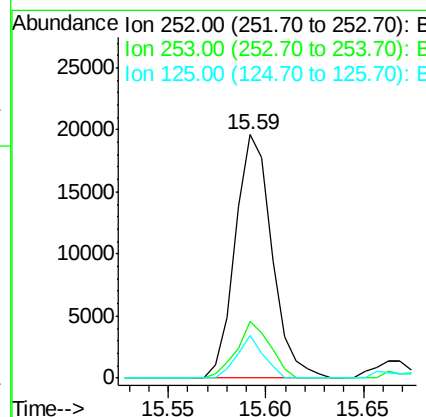
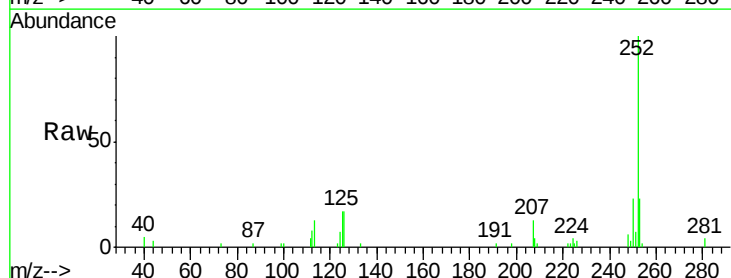
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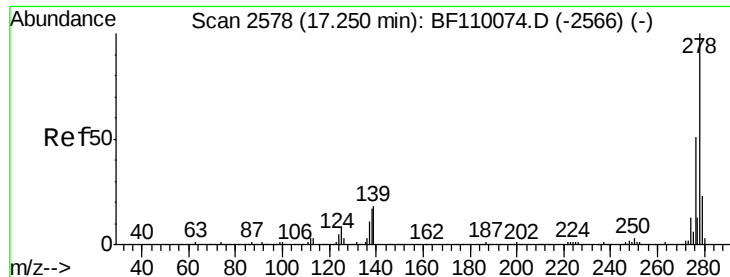
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#90  
Benzo(a)pyrene  
Concen: 0.997 ng  
RT: 15.59 min Scan# 2296  
Delta R.T. -0.04 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 18.2  | 27.4  |
| 125     | 17.3  | 9.0   | 13.6# |





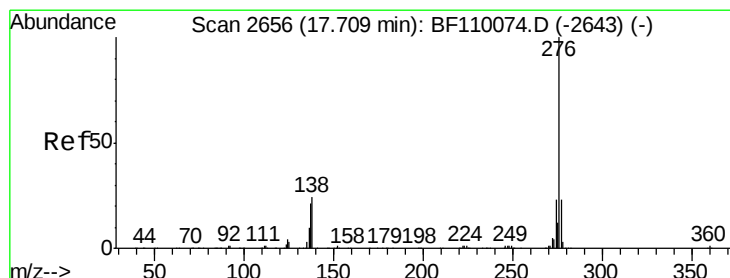
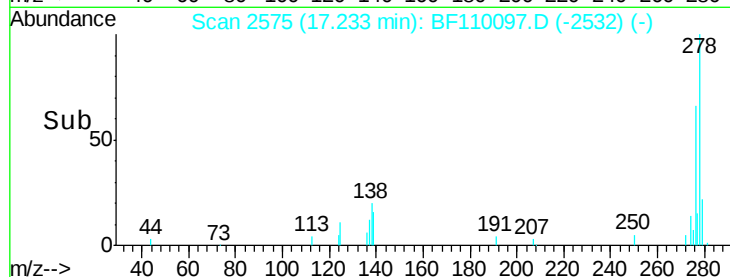
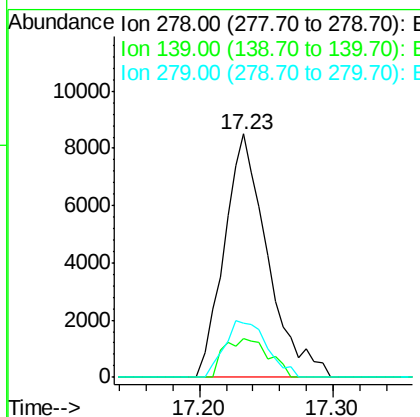
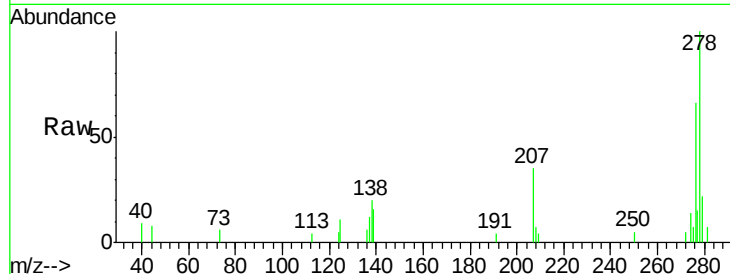
#91  
Dibenzo(a,h)anthracene  
Concen: 0.869 ng  
RT: 17.23 min Scan# 2575  
Delta R.T. -0.05 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.1  | 12.7  | 19.1  |
| 279     | 22.2  | 19.0  | 28.4  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 0.878 ng  
RT: 17.69 min Scan# 2653  
Delta R.T. -0.05 min  
Lab File: BF110097.D  
Acq: 24 Oct 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.7  | 18.8  | 28.2  |
| 138     | 28.2  | 16.0  | 24.0  |

