

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105168.D  
 Acq On : 9 May 2018 2:05  
 Operator : JU/SJ  
 Sample : J2133-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

Manual Integrations  
 APPROVED

Sohil  
 5/9/2018 6:51:14 PM

Quant Time: May 09 11:54:37 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 08 16:33:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 196720   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 775605   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.83  | 164  | 381416   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.31 | 188  | 745212   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.00 | 240  | 648485   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.53 | 264  | 577909   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 1487842 | 124.60 | ng | 0.00 |
| 7) Phenol-d6             | 6.42  | 99  | 1758087 | 123.65 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1062496 | 92.84  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 561771  | 133.50 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 1919157 | 78.10  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.91 | 244 | 2139602 | 76.64  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88  | 33250  | 5.267  | ng | 94     |
| 3) Pyridine                    | 3.29 | 79  | 81315  | 4.803  | ng | # 81   |
| 4) n-Nitrosodimethylamine      | 3.18 | 42  | 35804  | 4.172  | ng | # 93   |
| 6) Aniline                     | 6.46 | 93  | 106253 | 5.117  | ng | 97     |
| 8) 2-Chlorophenol              | 6.57 | 128 | 68072  | 5.374  | ng | 97     |
| 9) Benzaldehyde                | 6.35 | 77  | 31518  | 2.892  | ng | 93     |
| 10) Phenol                     | 6.43 | 94  | 80404  | 5.081  | ng | # 64   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 68908  | 5.284  | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 88062  | 5.768  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 87470  | 5.729  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 79382  | 5.637  | ng | 98     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 73758  | 6.778  | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 126448 | 5.218  | ng | 96     |
| 17) 2-Methylphenol             | 7.03 | 107 | 59535  | 5.443  | ng | 96     |
| 18) Hexachloroethane           | 7.30 | 117 | 27904  | 5.680  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 51519  | 5.473  | ng | # 87   |
| 20) 3+4-Methylphenols          | 7.19 | 107 | 78031  | 6.071  | ng | 96     |
| 22) Acetophenone               | 7.20 | 105 | 109799 | 6.073  | ng | # 97   |
| 24) Nitrobenzene               | 7.37 | 77  | 79325  | 6.113  | ng | 99     |
| 25) Isophorone                 | 7.60 | 82  | 124924 | 4.881  | ng | 96     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 26149  | 13.921 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 49784  | 4.377  | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 81709  | 5.173  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.92 | 162 | 55484  | 5.214  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.01 | 180 | 70940  | 5.781  | ng | 97     |
| 31) Naphthalene                | 8.09 | 128 | 217955 | 5.836  | ng | 98     |
| 32) Benzoic acid               | 7.77 | 122 | 28161  | 13.182 | ng | 92     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 83677  | 5.388  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 42054  | 5.916  | ng | 98     |
| 35) Caprolactam                | 8.47 | 113 | 15082  | 4.667  | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 8.61 | 107 | 54765  | 4.943  | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 147853 | 5.680  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 73664  | 6.069  | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 8.93 | 237 | 31330  | 4.774  | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105168.D  
 Acq On : 9 May 2018 2:05  
 Operator : JU/SJ  
 Sample : J2133-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

Manual Integrations  
 APPROVED

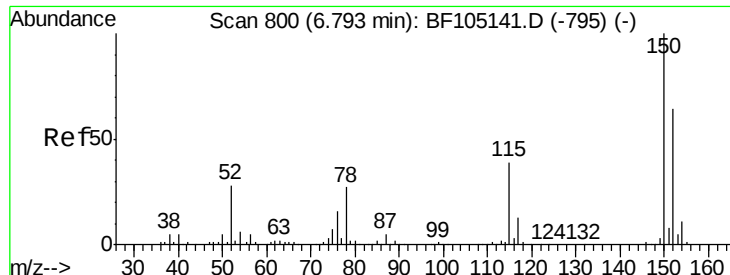
Sohil  
 5/9/2018 6:51:14 PM

Quant Time: May 09 11:54:37 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 08 16:33:54 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.06  | 196  | 36955    | 4.990  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.09  | 196  | 43364    | 5.604  | nq    | 87       |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 199673   | 6.425  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.27  | 162  | 139406   | 6.002  | nq    | 96       |
| 47) 2-Nitroaniline             | 9.36  | 65   | 33587    | 10.213 | nq    | 86       |
| 48) Acenaphthylene             | 9.69  | 152  | 216336   | 6.031  | nq    | 99       |
| 49) Dimethylphthalate          | 9.55  | 163  | 156490   | 6.061  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.60  | 165  | 30604    | 5.462  | nq    | 97       |
| 51) Acenaphthene               | 9.86  | 154  | 138783   | 6.003  | nq    | 99       |
| 52) 3-Nitroaniline             | 9.77  | 138  | 32648    | 5.532  | nq    | 94       |
| 53) 2,4-Dinitrophenol          | 9.87  | 184  | 5913     | 13.262 | nq #  | 22       |
| 54) Dibenzofuran               | 10.03 | 168  | 199439   | 5.897  | nq    | 97       |
| 55) 4-Nitrophenol              | 9.92  | 139  | 21590    | 8.147  | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.00 | 165  | 37635    | 8.281  | nq    | 93       |
| 57) Fluorene                   | 10.37 | 166  | 156086   | 6.294  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 33809    | 4.895  | nq #  | 87       |
| 59) Diethylphthalate           | 10.25 | 149  | 150604   | 5.935  | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 74409    | 6.445  | nq #  | 87       |
| 61) 4-Nitroaniline             | 10.38 | 138  | 30345    | 5.167  | nq    | 98       |
| 62) Azobenzene                 | 10.53 | 77   | 146922   | 5.550  | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.41 | 198  | 12484    | 13.325 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 135789   | 5.845  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 43624    | 5.489  | nq #  | 86       |
| 67) Hexachlorobenzene          | 10.92 | 284  | 53450    | 5.837  | nq #  | 84       |
| 68) Atrazine                   | 11.00 | 200  | 26173    | 3.595  | nq    | 99       |
| 69) Pentachlorophenol          | 11.11 | 266  | 24298    | 7.539  | nq    | 94       |
| 70) Phenanthrene               | 11.33 | 178  | 233015   | 5.931  | nq    | 98       |
| 71) Anthracene                 | 11.39 | 178  | 228168   | 5.716  | nq    | 98       |
| 72) Carbazole                  | 11.54 | 167  | 208437   | 5.794  | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 215776   | 5.608  | nq    | 99       |
| 74) Fluoranthene               | 12.52 | 202  | 234800   | 5.735  | nq    | 96       |
| 76) Benzidine                  | 12.64 | 184  | 43130    | 1.781  | nq #  | 90       |
| 77) Pyrene                     | 12.75 | 202  | 247008   | 5.237  | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 70022    | 10.417 | nq    | 96       |
| 80) Benzo(a)anthracene         | 13.99 | 228  | 214330   | 5.450  | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 58948    | 3.987  | nq    | 99       |
| 82) Chrysene                   | 14.02 | 228  | 220567   | 5.446  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 106321   | 5.452  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.67 | 149  | 133376   | 9.952  | nq #  | 94       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 144362   | 4.498  | nq #  | 93       |
| 87) Benzo(b)fluoranthene       | 15.10 | 252  | 191138m  | 5.406  | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.13 | 252  | 180109   | 5.254  | nq #  | 96       |
| 89) Benzo(a)pyrene             | 15.47 | 252  | 159529   | 4.961  | nq #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.99 | 278  | 123692   | 4.953  | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.40 | 276  | 120271   | 4.922  | nq    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

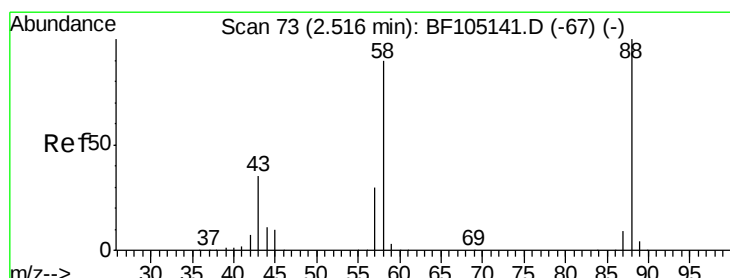
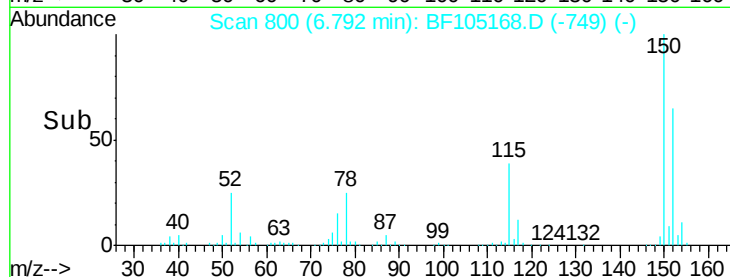
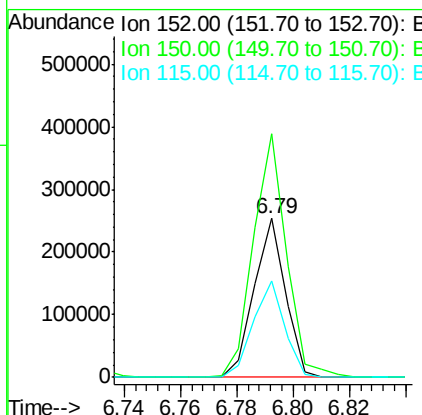
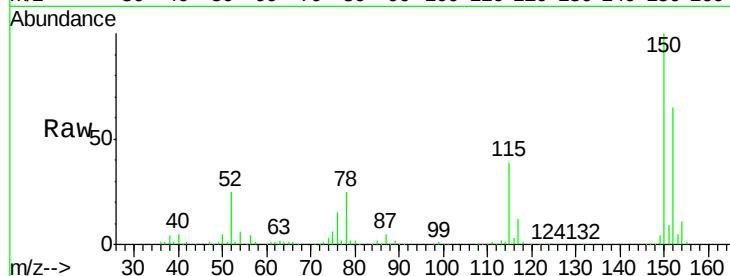
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 196720 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 153.3 | 124.6 | 186.8  |
| 115       | 60.4  | 50.1  | 75.1   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#2

1,4-Dioxane

Concen: 5.267 ng

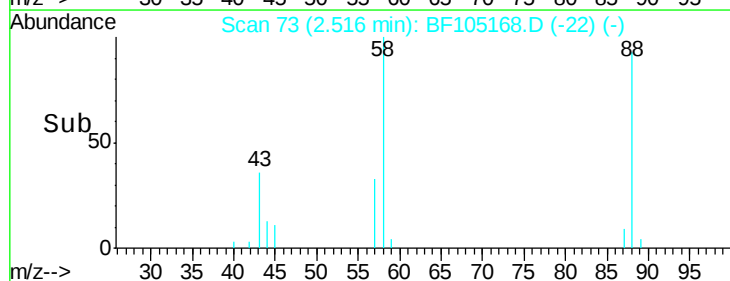
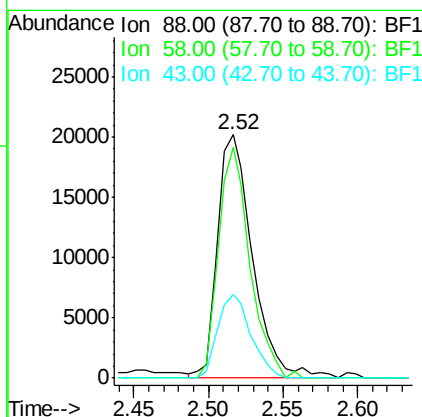
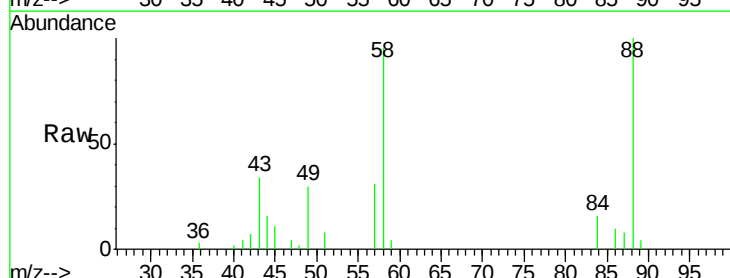
RT: 2.52 min Scan# 73

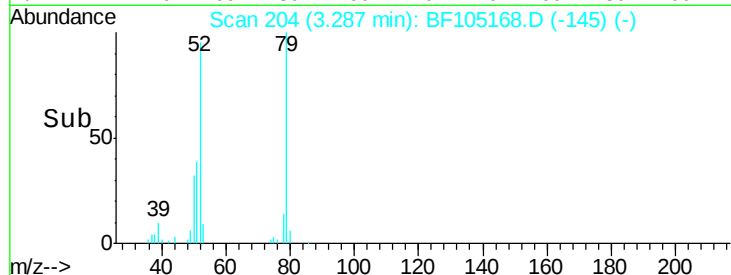
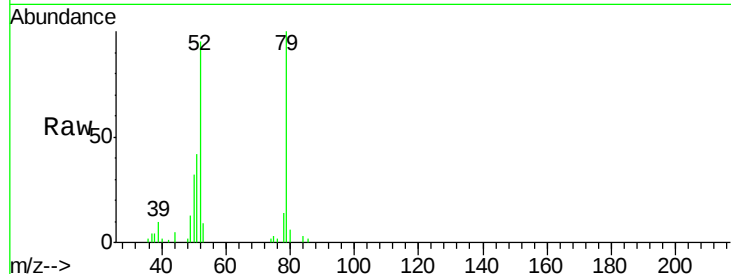
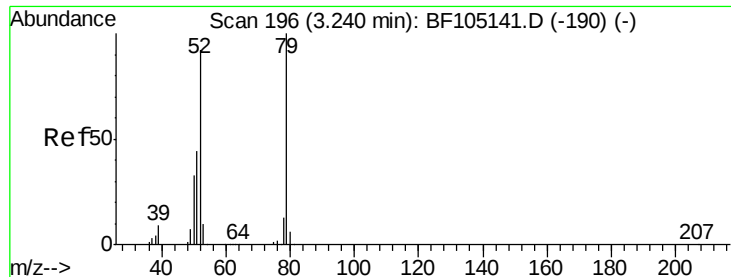
Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 33250 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 84.8  | 62.6  | 93.8  |
| 43        | 32.4  | 24.6  | 37.0  |





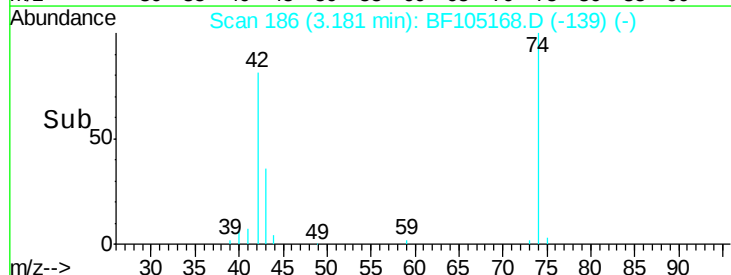
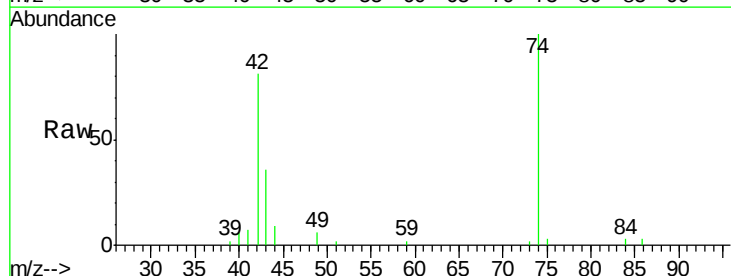
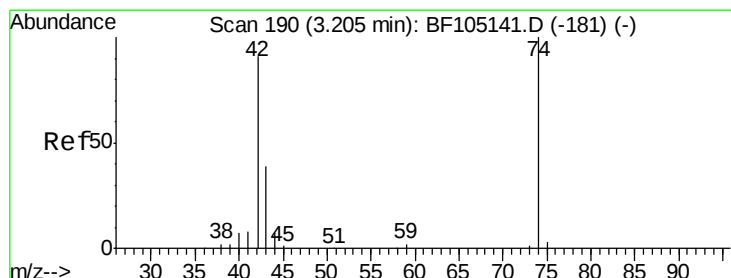
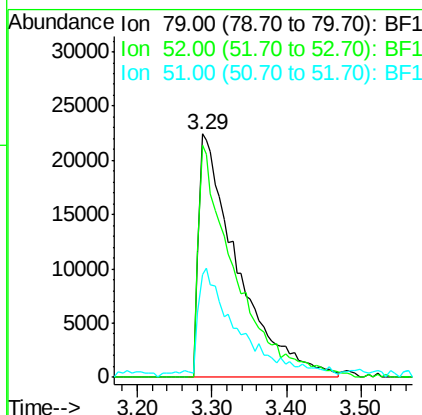
#3  
 Pvridine  
 Concen: 4.803 ng  
 RT: 3.29 min Scan# 204  
 Delta R.T. 0.05 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 95.3  | 59.8  | 89.6# |
| 51      | 42.0  | 29.8  | 44.8  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

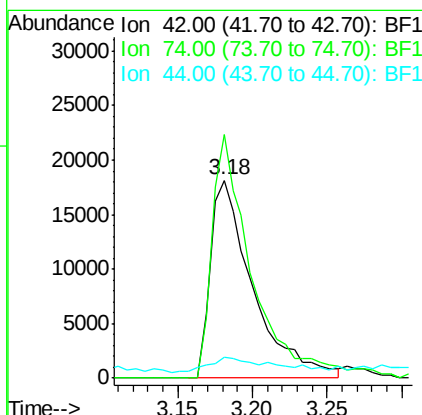
Manual Integrations  
 APPROVED

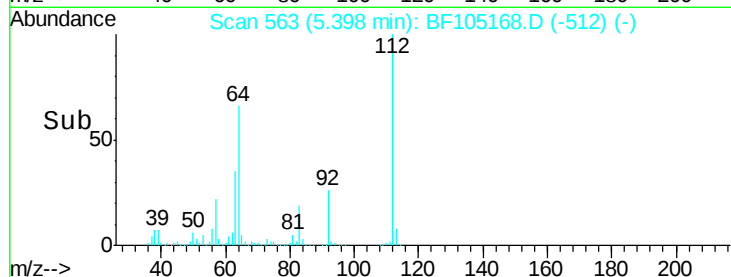
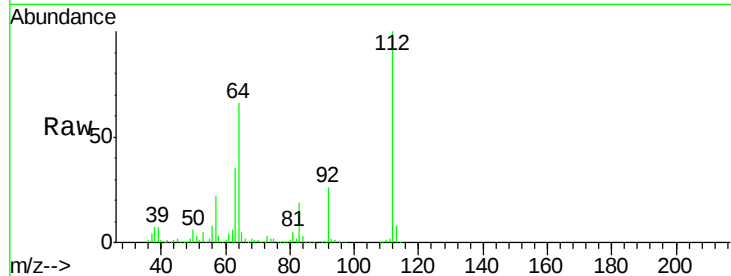
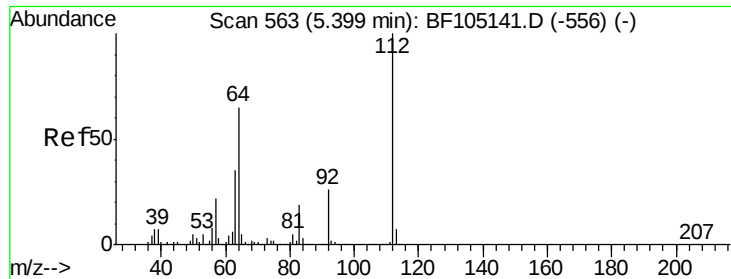
Sohil  
 5/9/2018 6:51:14 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 4.172 ng  
 RT: 3.18 min Scan# 186  
 Delta R.T. -0.02 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 122.9 | 104.9 | 157.3 |
| 44      | 10.5  | 6.9   | 10.3# |





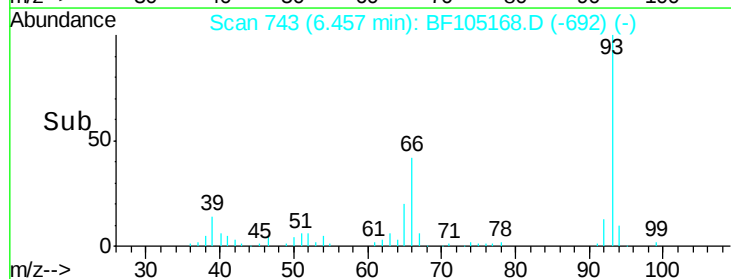
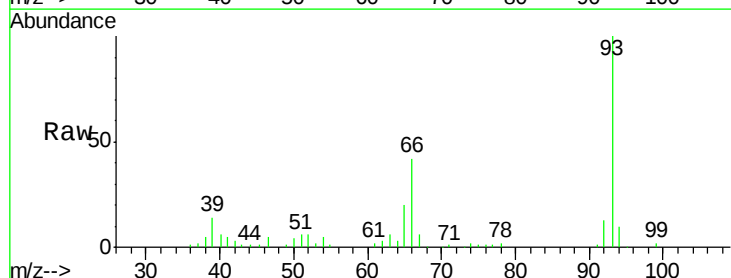
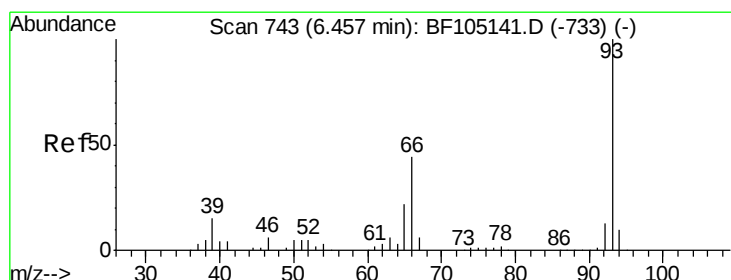
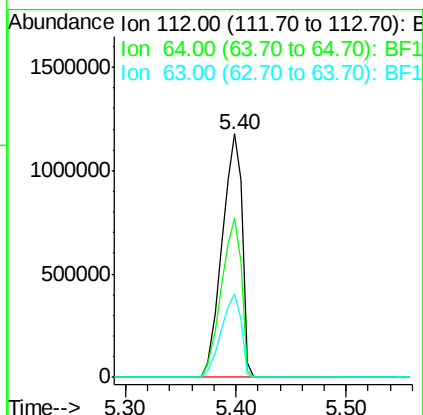
#5  
2-Fluorophenol  
Concen: 124.600 ng  
RT: 5.40 min Scan# 563  
Delta R.T. -0.00 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Tot Ion: 112 Resp: 1487842  
Ion Ratio Lower Upper  
112 100  
64 65.6 47.9 71.9  
63 34.5 23.7 35.5

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

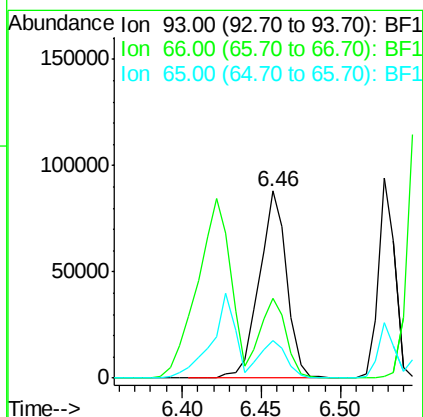
Manual Integrations  
APPROVED

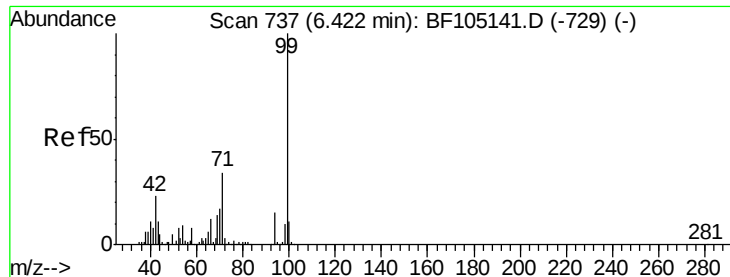
Sohil  
5/9/2018 6:51:14 PM



#6  
Aniline  
Concen: 5.117 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.00 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Tgt Ion: 93 Resp: 106253  
Ion Ratio Lower Upper  
93 100  
66 42.4 32.2 48.2  
65 19.9 16.4 24.6





#7

Phenol-d6

Concen: 123.651 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion: 99 Resp: 1758087

Ion Ratio Lower Upper

99 100

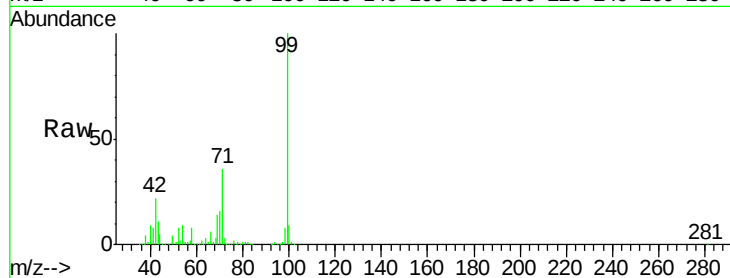
42 22.0 14.5 21.7#

71 36.1 25.4 38.0

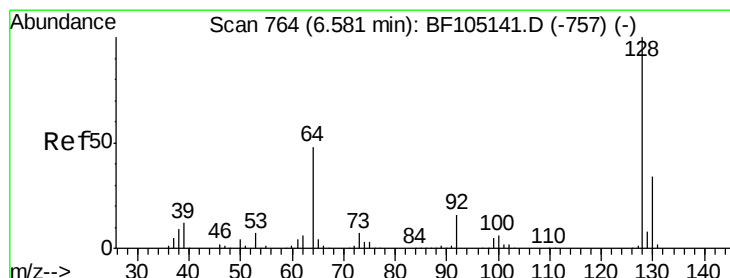
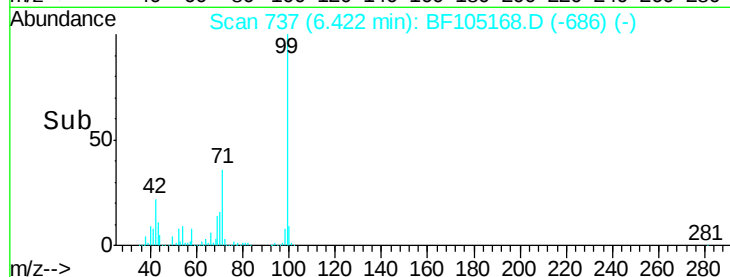
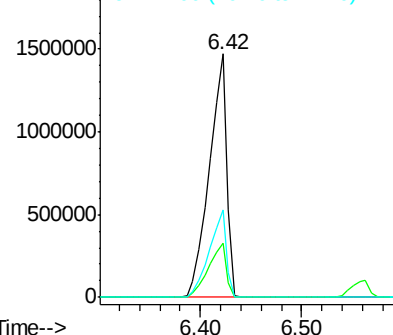
Manual Integrations  
APPROVED

Sohil

5/9/2018 6:51:14 PM



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



#8

2-Chlorophenol

Concen: 5.374 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

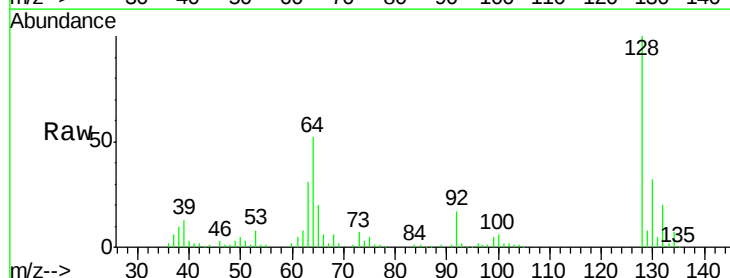
Tgt Ion: 128 Resp: 68072

Ion Ratio Lower Upper

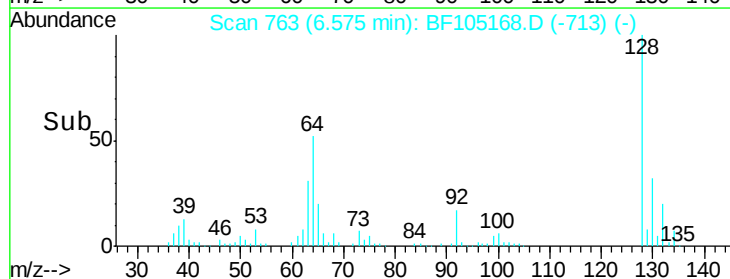
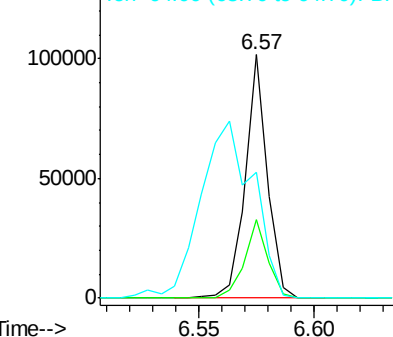
128 100

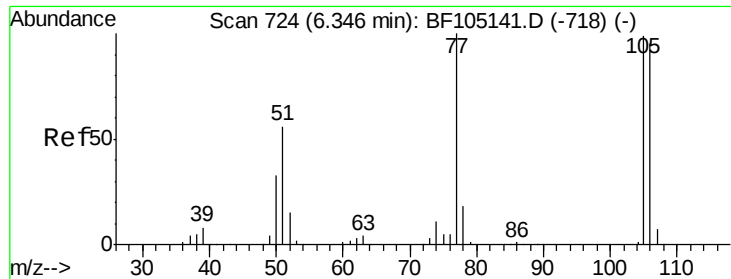
130 32.3 13.0 53.0

64 51.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 2.892 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

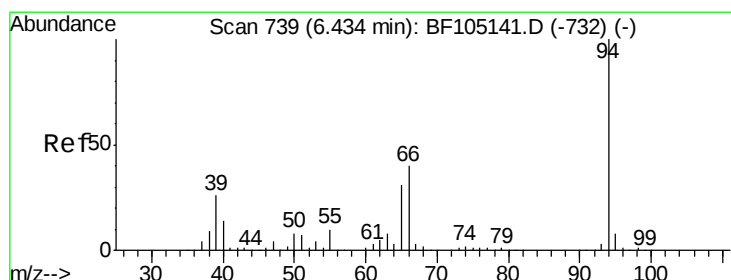
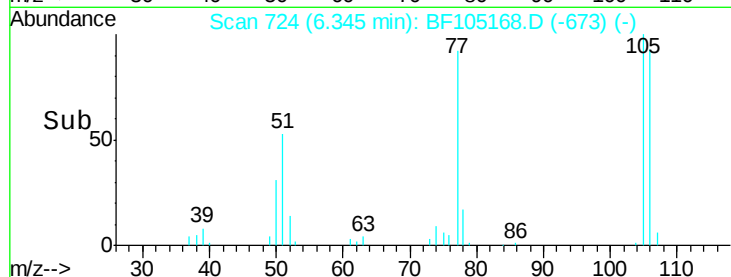
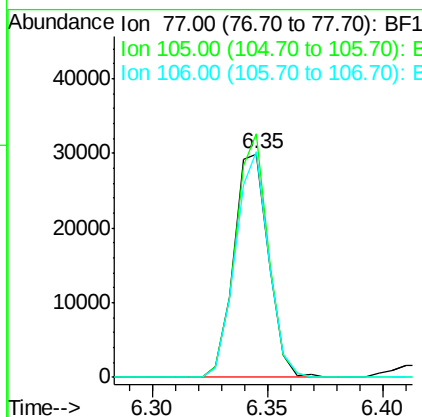
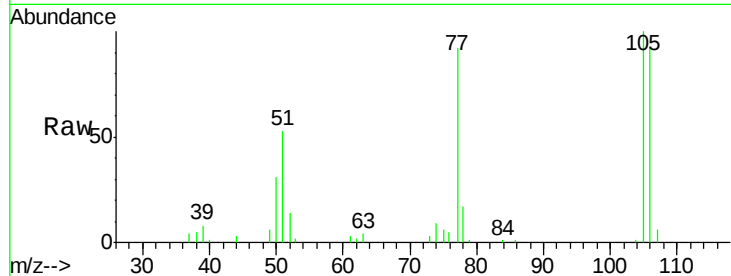
ClientSampleId :

MDL-WATER-03-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 31518 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 109.1 | 81.1  | 121.1 |
| 106      | 101.0 | 74.5  | 114.5 |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#10

Phenol

Concen: 5.081 ng

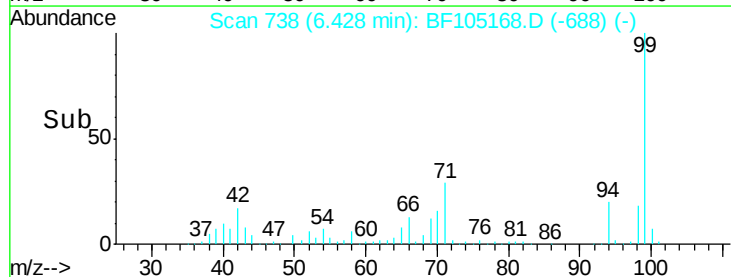
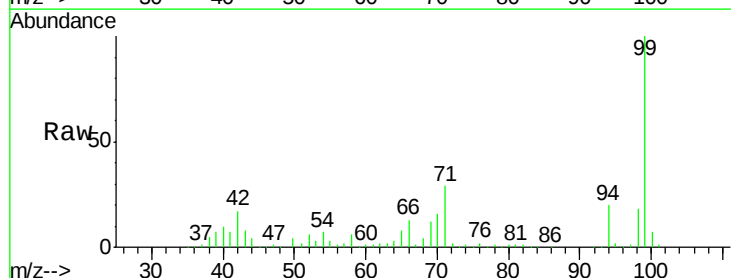
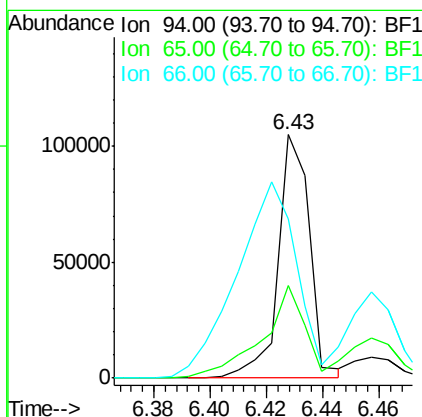
RT: 6.43 min Scan# 738

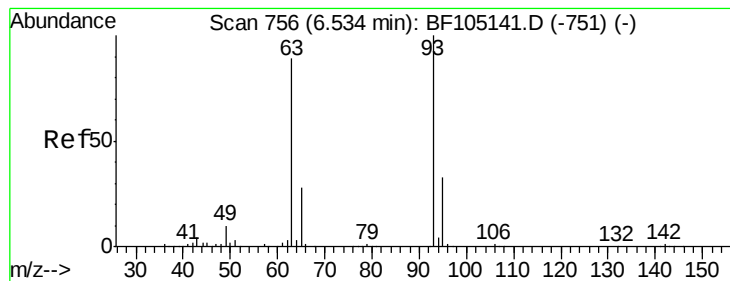
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 80404 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 38.1  | 7.9   | 47.9  |
| 66       | 65.2  | 16.2  | 56.2  |





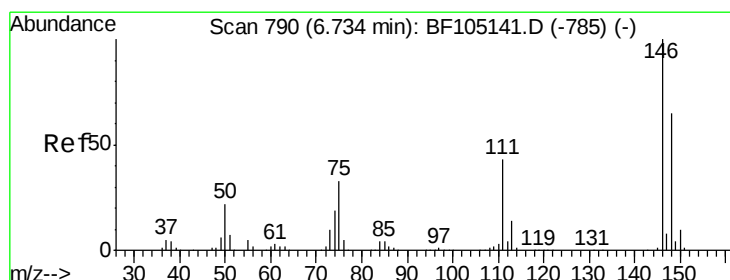
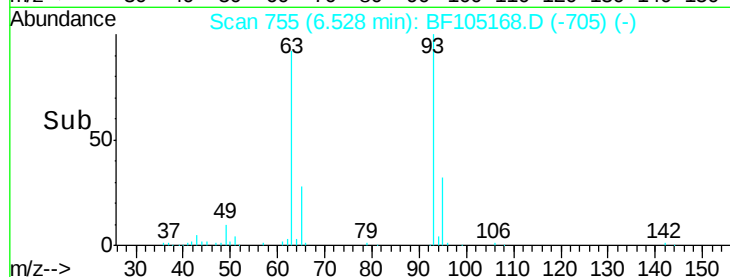
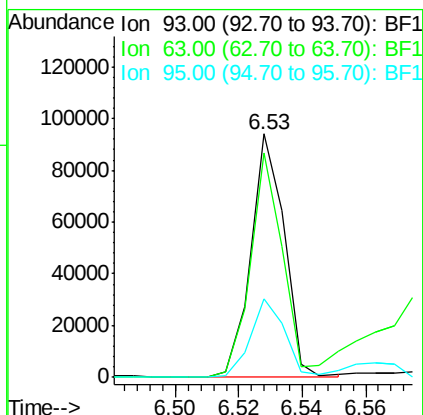
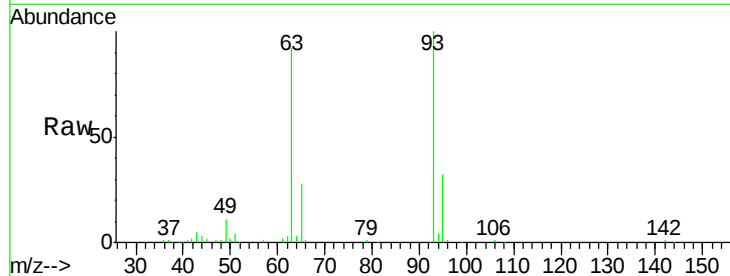
#11  
bis(2-Chloroethyl)ether  
Concen: 5.284 ng  
RT: 6.53 min Scan# 755  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 68908 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 92.1  | 58.6  | 98.6  |
| 95       | 32.3  | 11.8  | 51.8  |

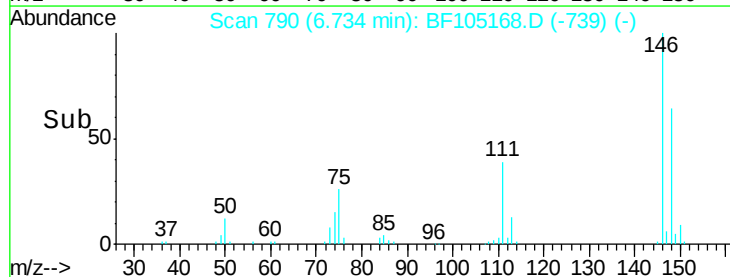
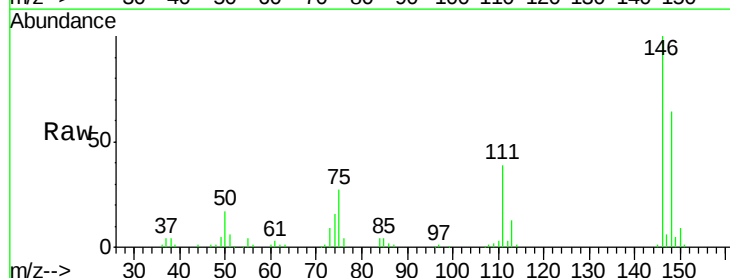
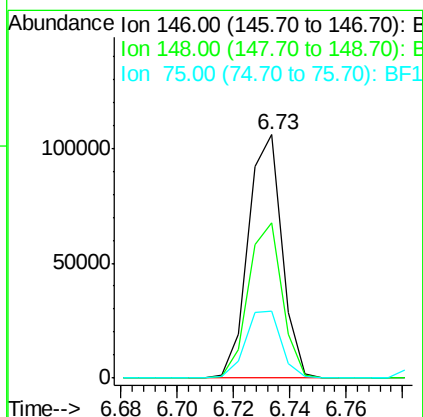
Manual Integrations  
APPROVED

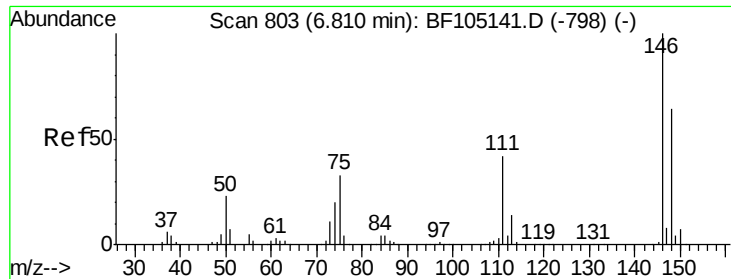
Sohil  
5/9/2018 6:51:14 PM



#12  
1,3-Dichlorobenzene  
Concen: 5.768 ng  
RT: 6.73 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 88062 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 63.8  | 51.8  | 77.8  |
| 75       | 27.4  | 24.2  | 36.4  |





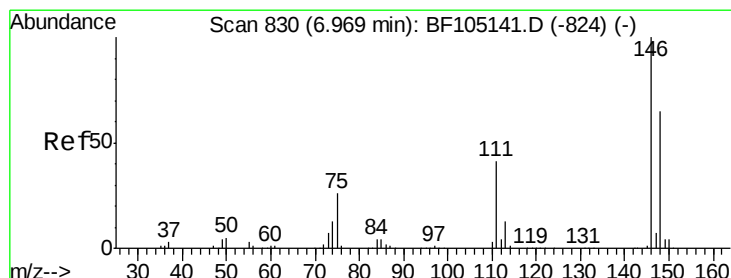
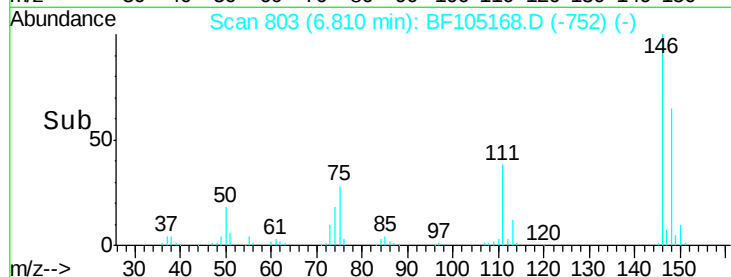
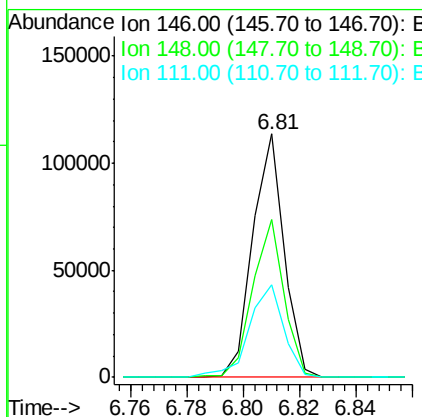
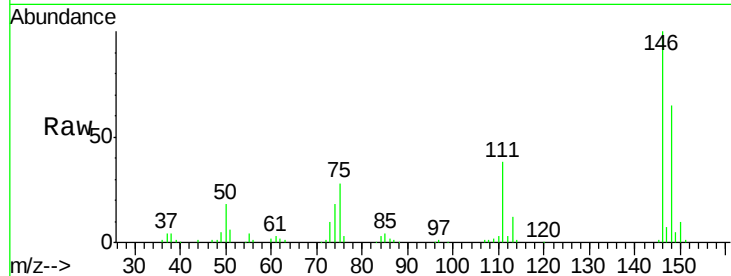
#13  
 1,4-Dichlorobenzene  
 Concen: 5.729 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 50.8  | 76.2  |
| 111     | 38.1  | 34.2  | 51.2  |

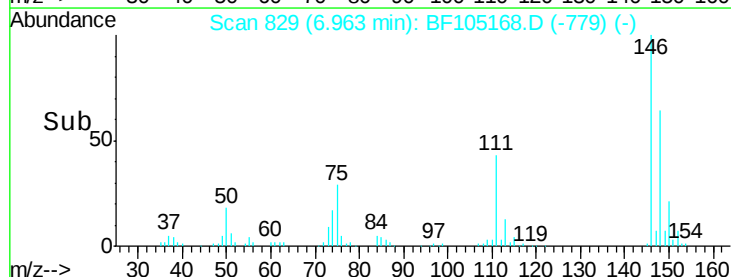
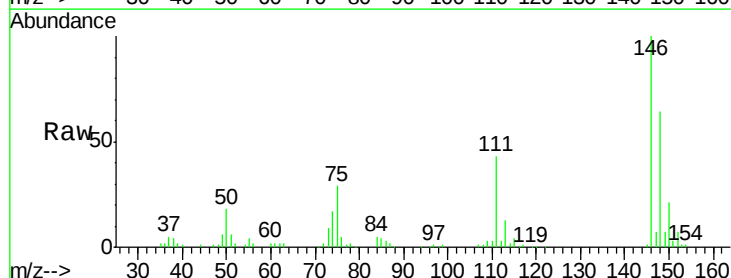
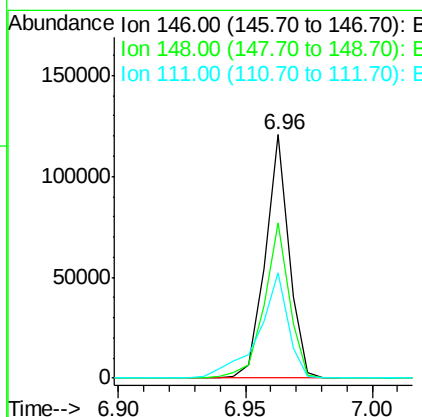
Manual Integrations  
 APPROVED

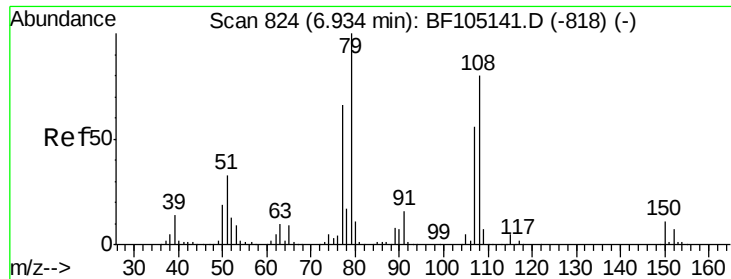
Sohil  
 5/9/2018 6:51:14 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 5.637 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.6  | 75.8  |
| 111     | 43.1  | 36.0  | 54.0  |





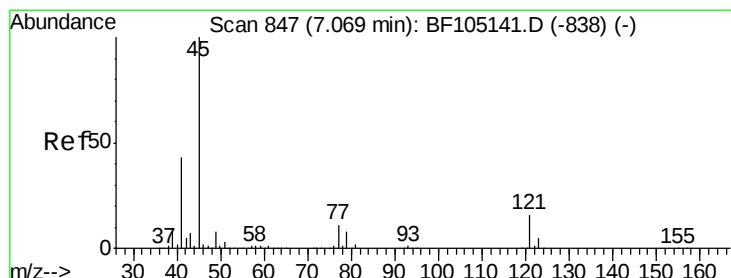
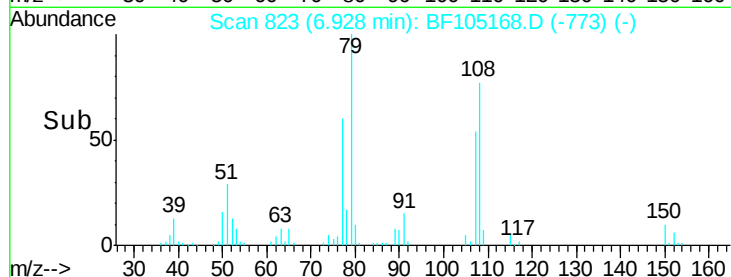
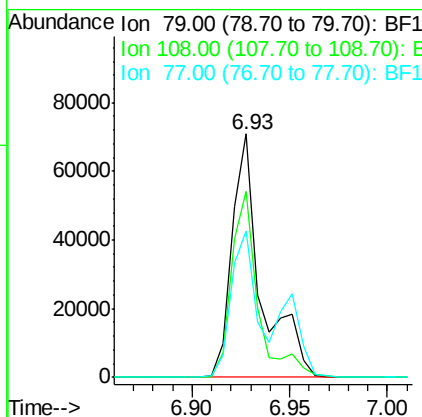
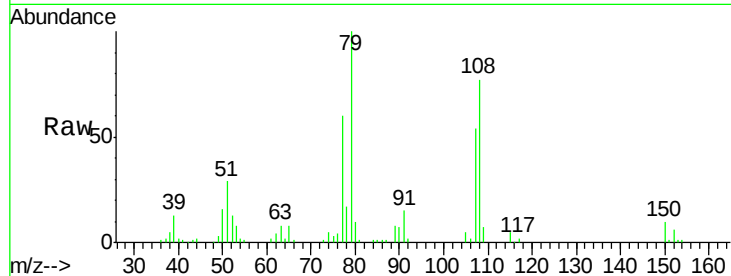
#15  
Benzyl Alcohol  
Concen: 6.778 ng  
RT: 6.93 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 76.5  | 65.1  | 97.7  |
| 77      | 60.0  | 50.6  | 75.8  |

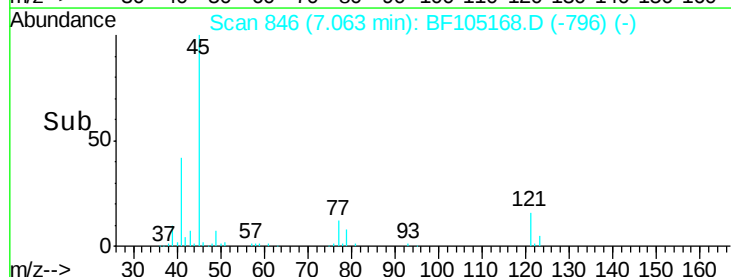
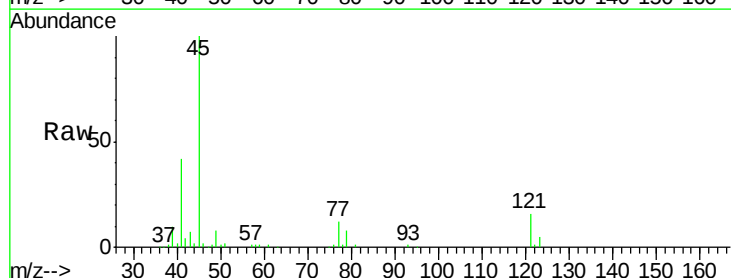
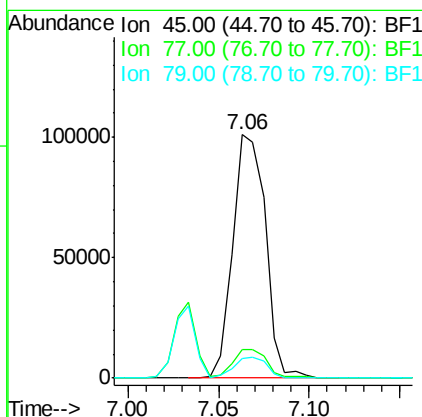
Manual Integrations  
APPROVED

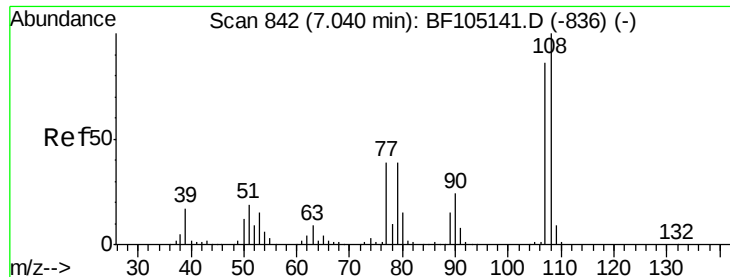
Sohil  
5/9/2018 6:51:14 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 5.218 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.6  | 0.0   | 32.9  |
| 79      | 7.9   | 0.0   | 29.6  |





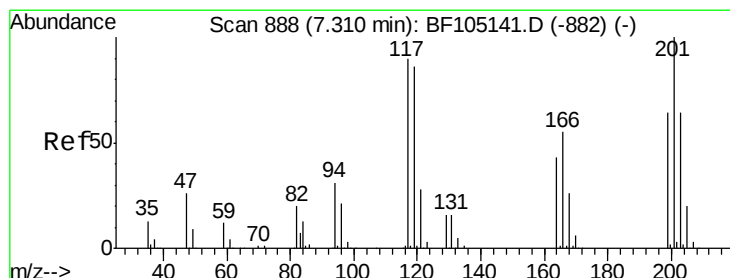
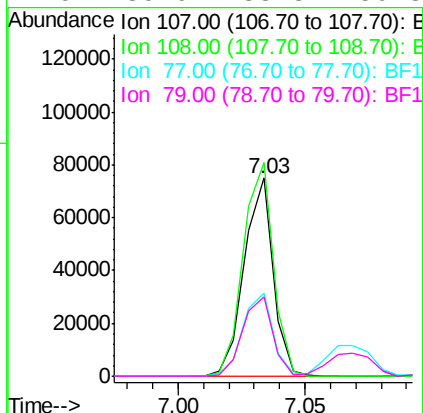
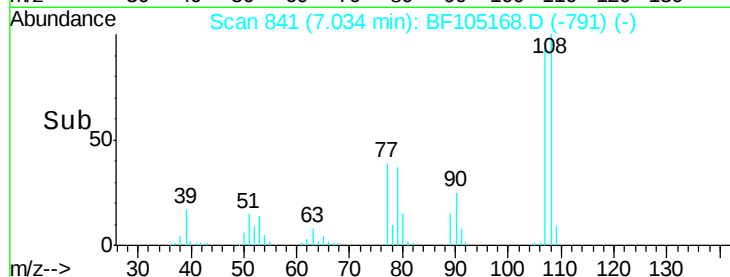
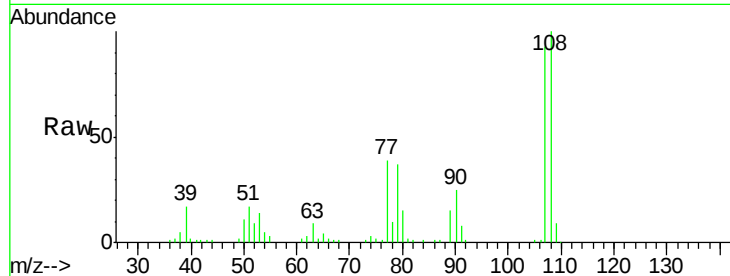
#17  
2-Methylphenol  
Concen: 5.443 ng  
RT: 7.03 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 107.9 | 91.7 | 137.5 |       |
| 77      | 42.4  | 33.8 | 50.8  |       |
| 79      | 39.9  | 33.8 | 50.8  |       |

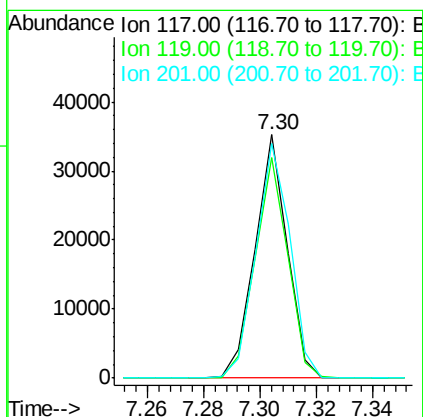
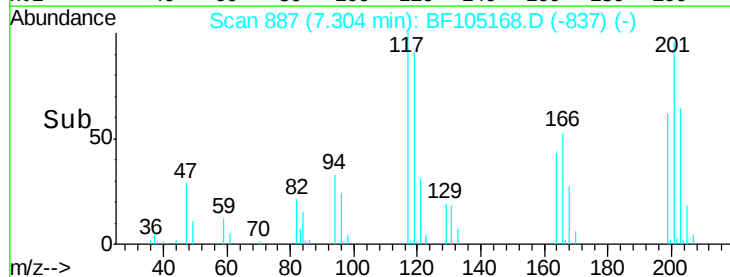
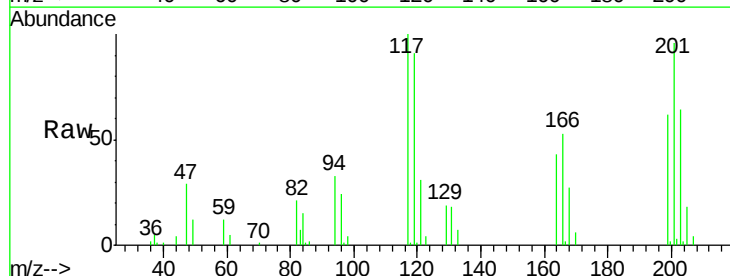
Manual Integrations  
APPROVED

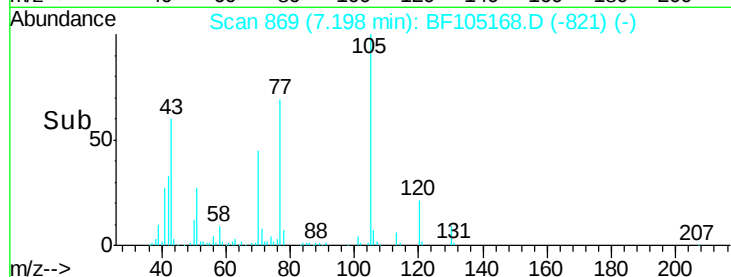
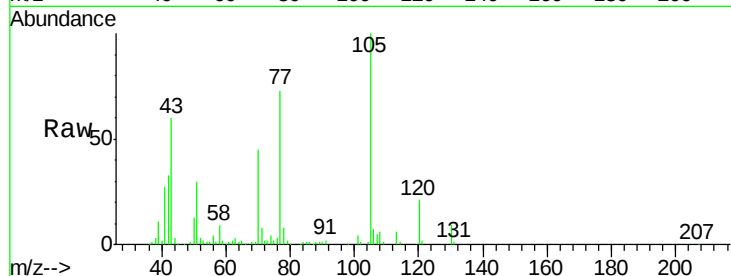
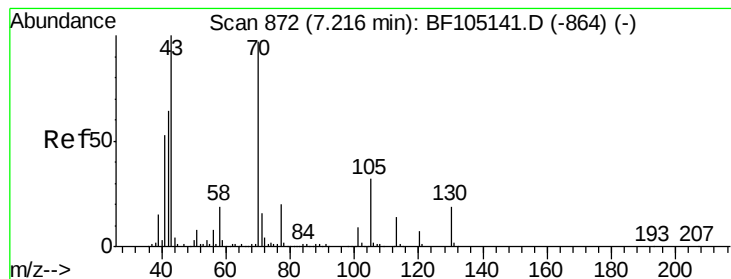
Sohil  
5/9/2018 6:51:14 PM



#18  
Hexachloroethane  
Concen: 5.680 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 90.5  | 75.8 | 113.8 |       |
| 201     | 96.5  | 75.7 | 113.5 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 5.473 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

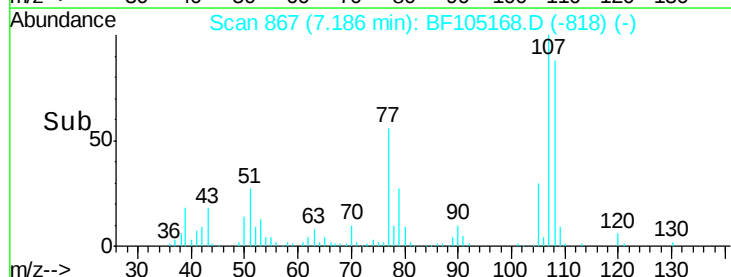
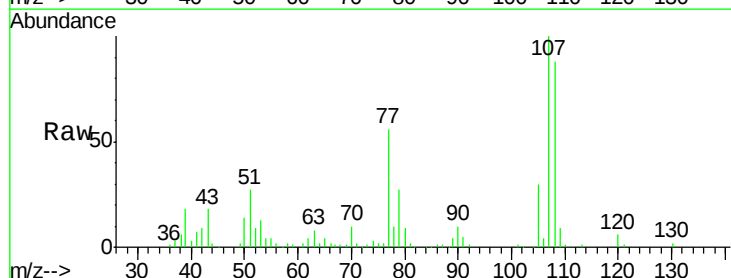
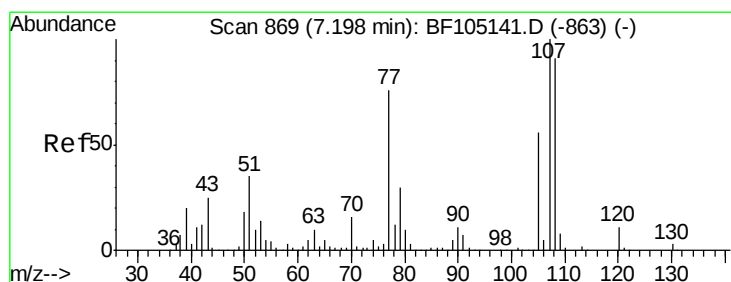
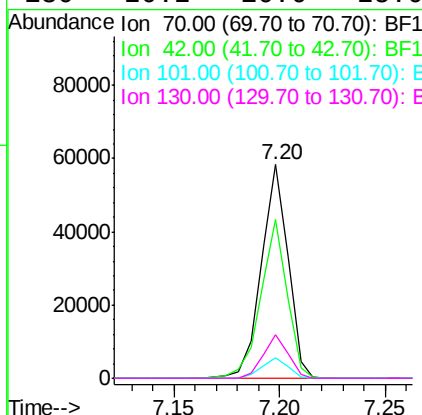
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 70    | Resp: | 51519 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 74.3  | 47.5  | 71.3# |
| 101       | 9.4   | 7.4   | 11.2  |
| 130       | 20.2  | 16.6  | 25.0  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#20

3+4-Methylphenols

Concen: 6.071 ng

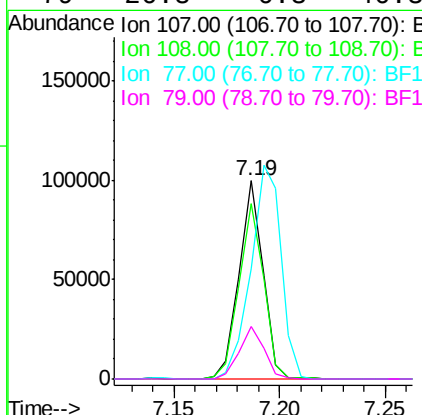
RT: 7.19 min Scan# 867

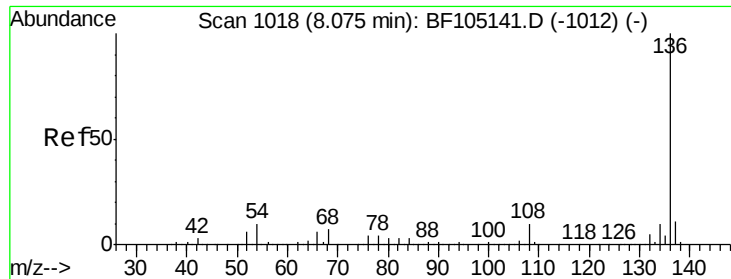
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 78031 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 88.2  | 68.2  | 108.2 |
| 77        | 55.7  | 26.7  | 66.7  |
| 79        | 26.8  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

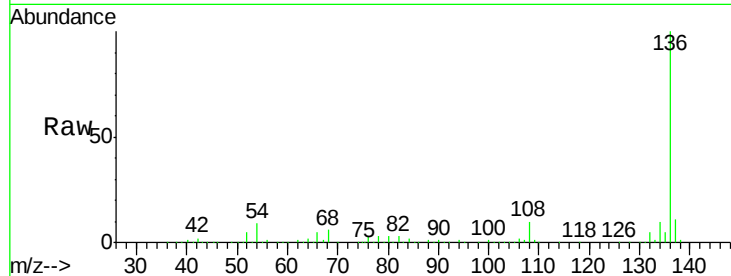
ClientSampleId :

MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.0  | 8.9        | 13.3  |
| 54      | 9.0   | 6.6        | 9.8   |
| 68      | 5.9   | 5.0        | 7.4   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM

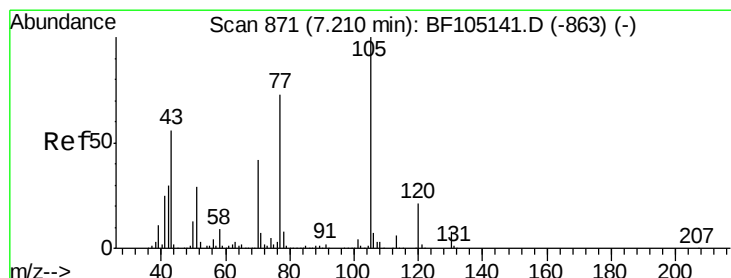
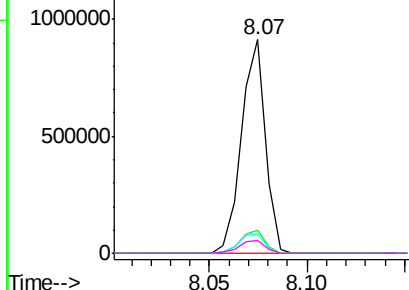
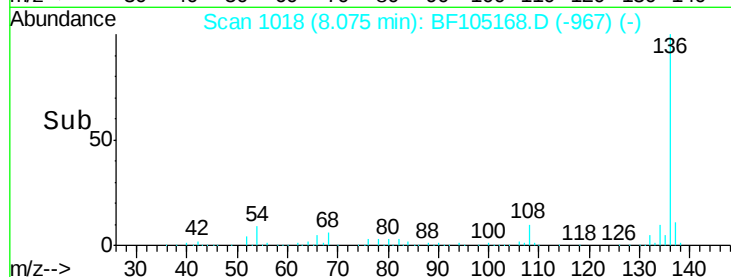


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 6.073 ng

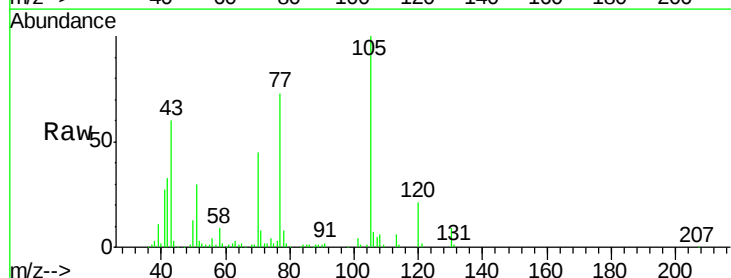
RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 7.6   | 4.4        | 6.6#  |
| 51      | 30.3  | 22.3       | 33.5  |
| 120     | 21.0  | 16.9       | 25.3  |

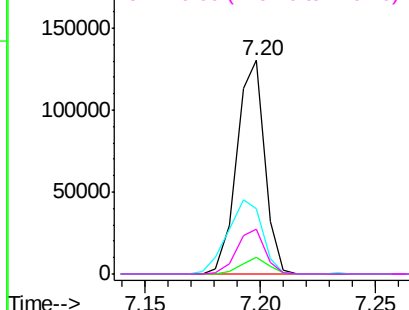
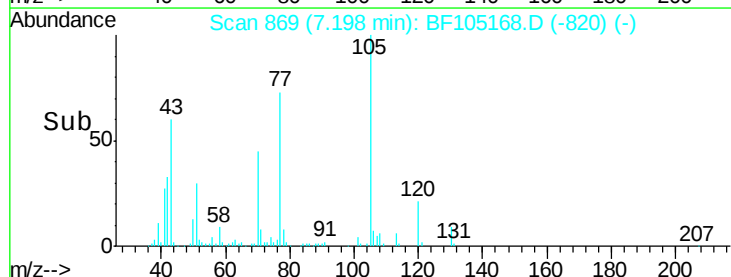


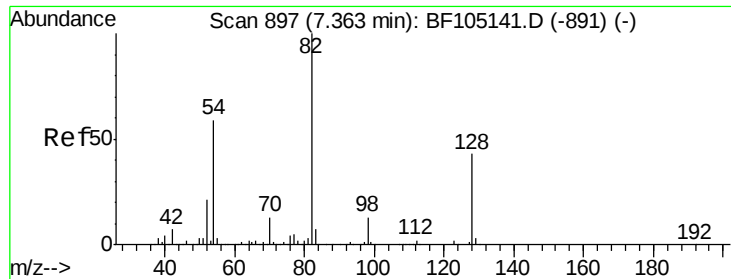
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





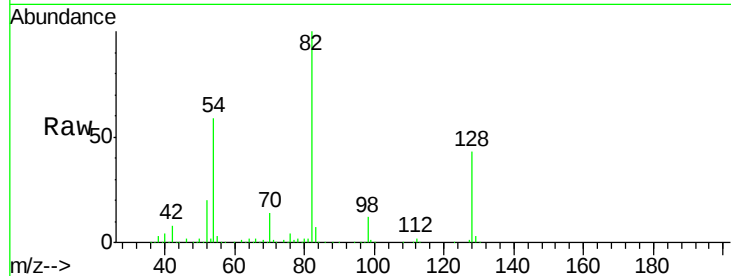
#23  
Nitrobenzene-d5  
Concen: 92.843 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

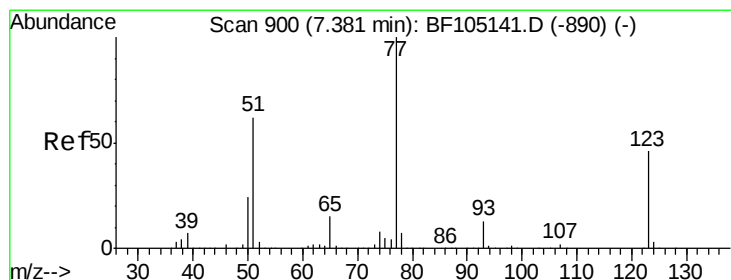
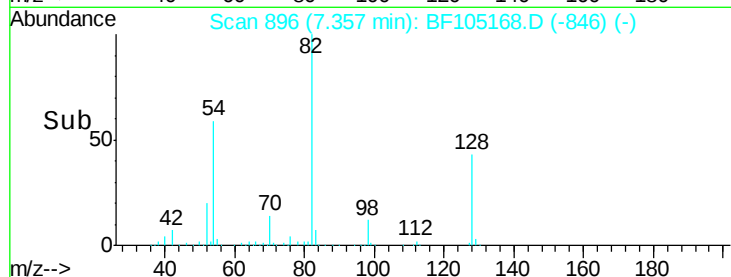
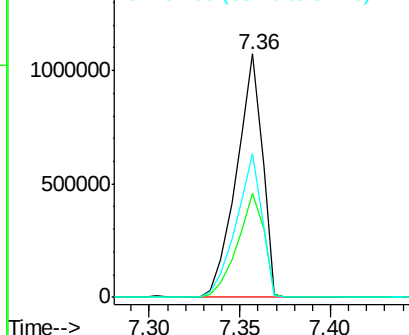
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.8  | 36.1  | 54.1  |
| 54      | 59.1  | 41.4  | 62.2  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



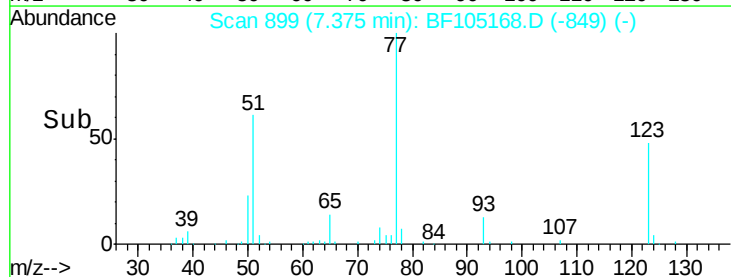
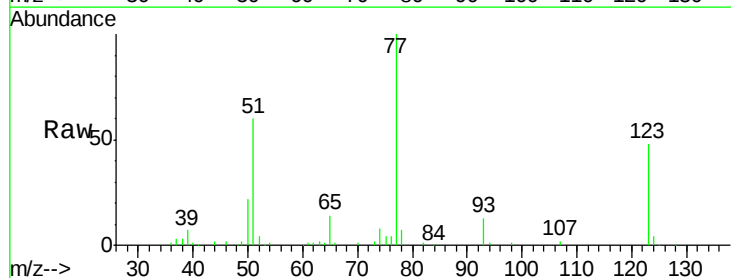
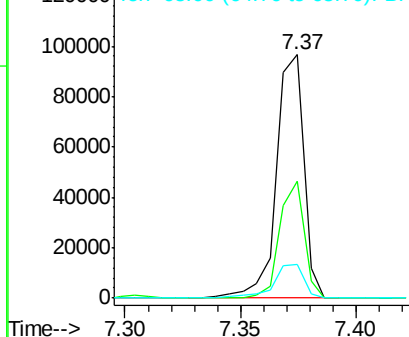
Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

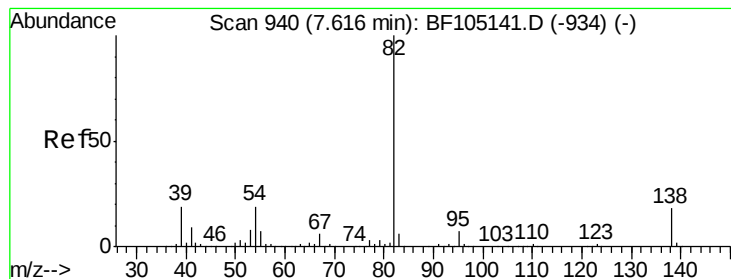


#24  
Nitrobenzene  
Concen: 6.113 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.1  | 37.9  | 56.9  |
| 65      | 13.8  | 11.0  | 16.4  |

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





#25

Isophorone

Concen: 4.881 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

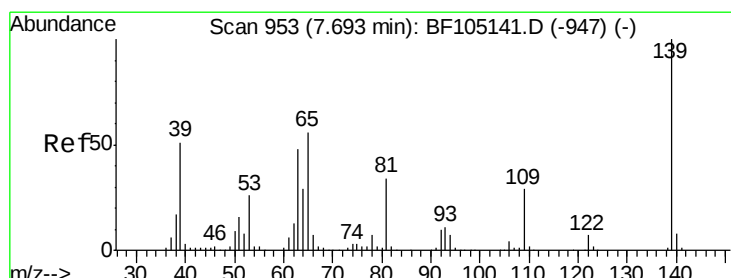
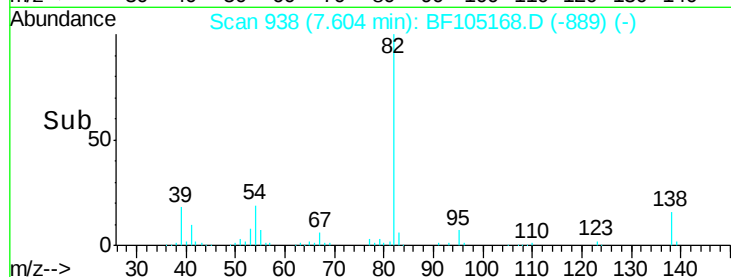
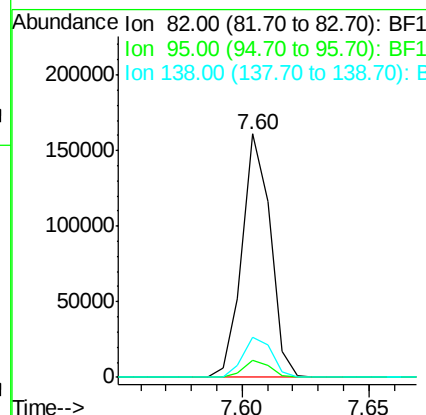
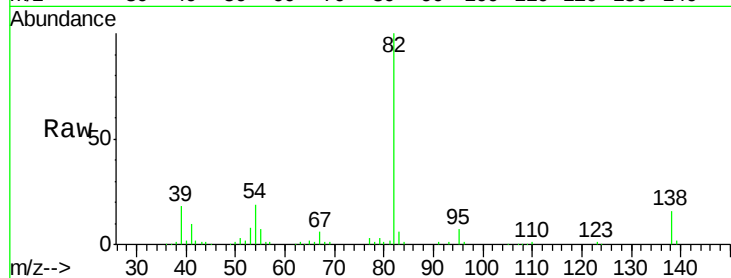
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 124924 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.8  | 5.2   | 7.8    |
| 138       | 16.4 | 14.9  | 22.3   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#26

2-Nitrophenol

Concen: 13.921 ng

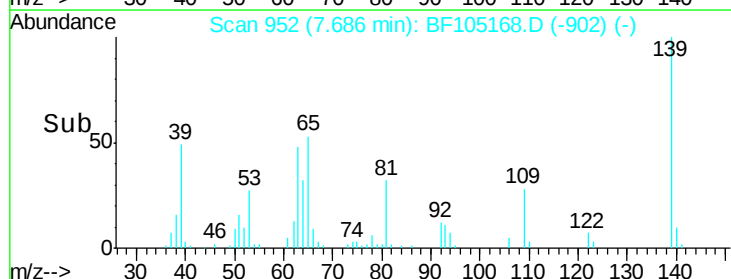
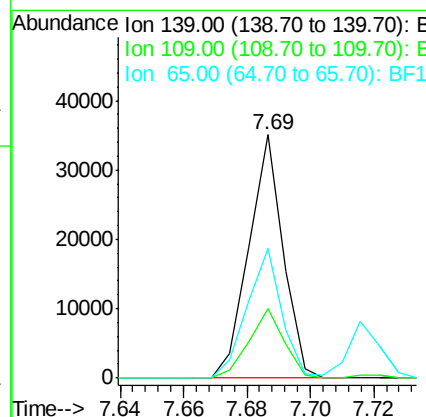
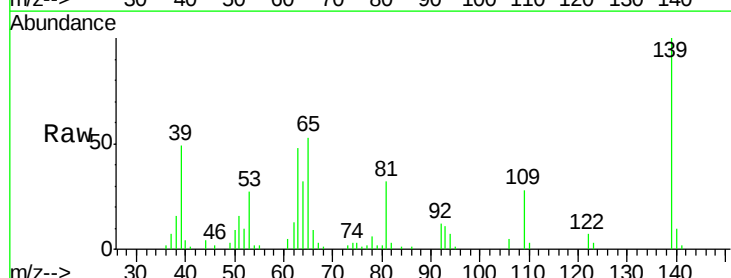
RT: 7.69 min Scan# 952

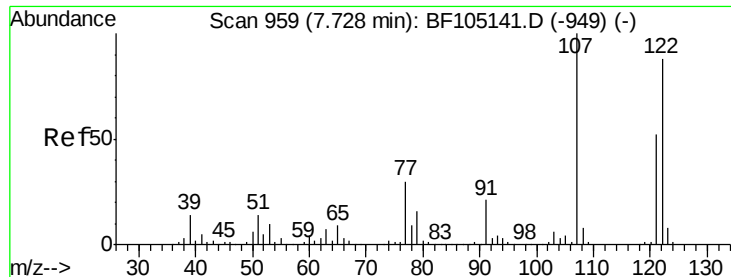
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 26149 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 28.3 | 22.7  | 34.1  |
| 65        | 53.1 | 40.5  | 60.7  |





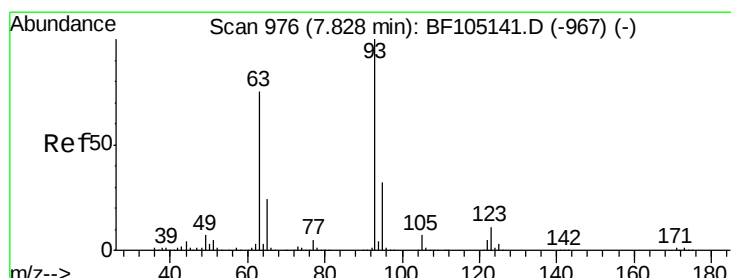
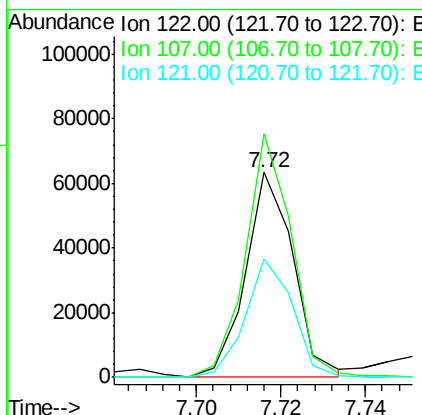
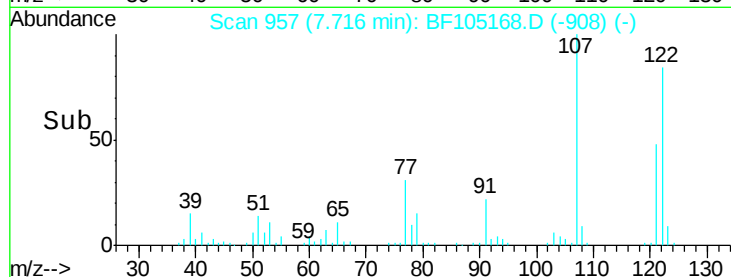
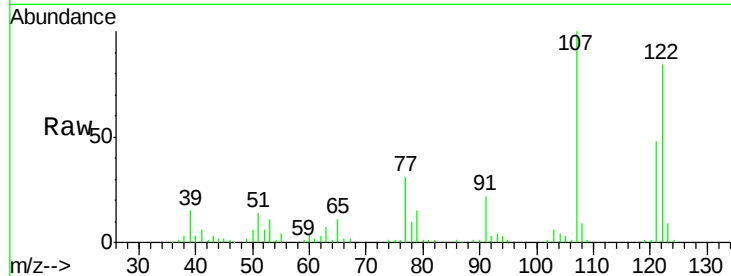
#27  
2,4-Dimethylphenol  
Concen: 4.377 ng  
RT: 7.72 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.8 | 91.2  | 136.8 |
| 121     | 57.4  | 47.2  | 70.8  |

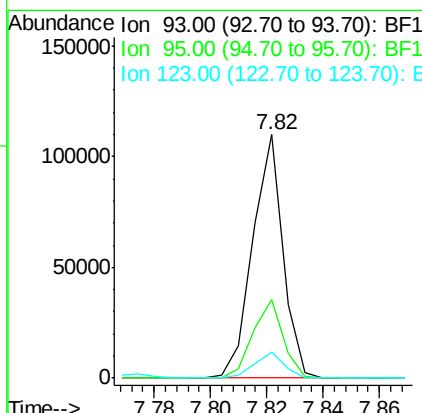
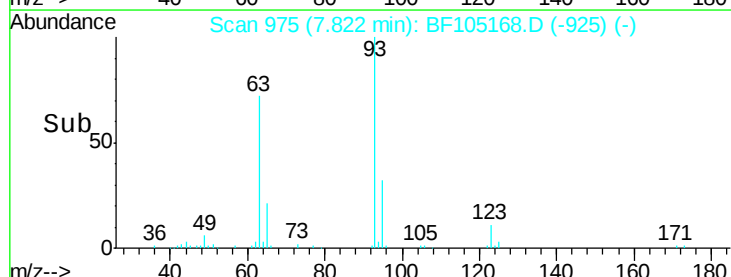
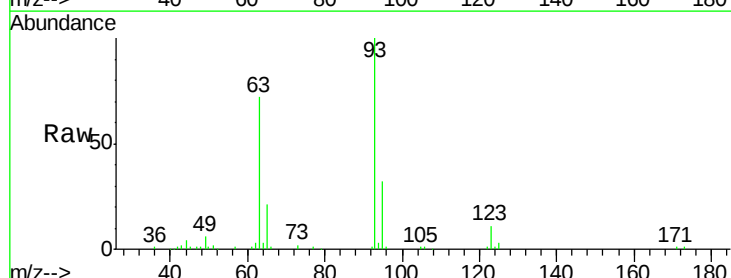
Manual Integrations  
APPROVED

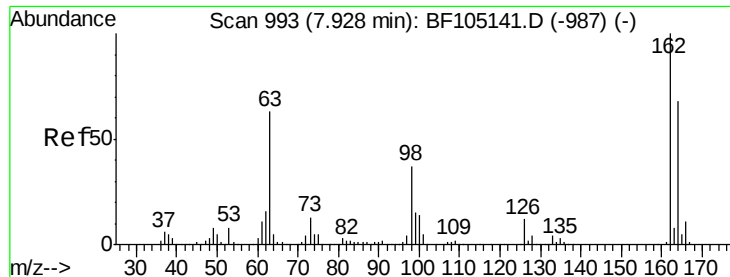
Sohil  
5/9/2018 6:51:14 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 5.173 ng  
RT: 7.82 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 26.3  | 39.5  |
| 123     | 10.7  | 9.8   | 14.6  |





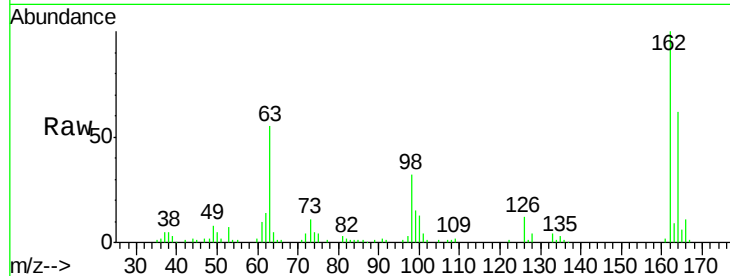
#29  
2,4-Dichlorophenol  
Concen: 5.214 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

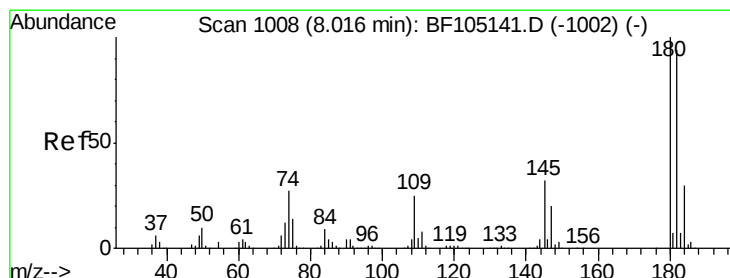
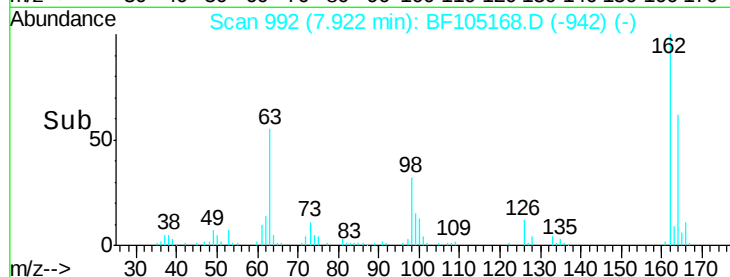
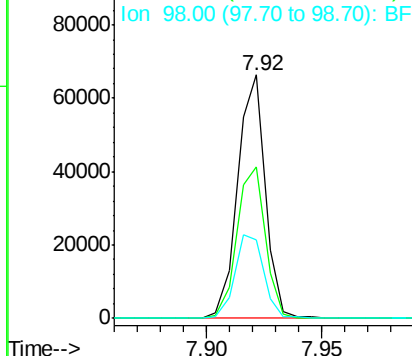
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 55484 |       |       |
| 164     | 62.0  |       | 42.7  | 82.7  |
| 98      | 32.3  |       | 18.1  | 58.1  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



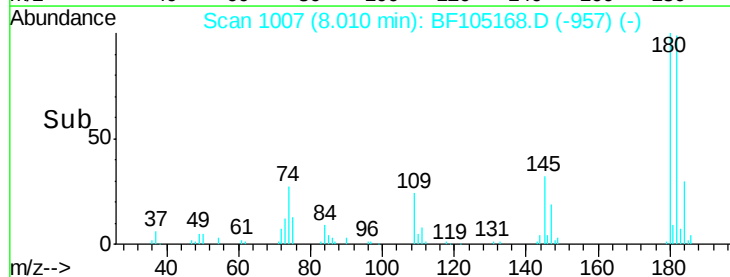
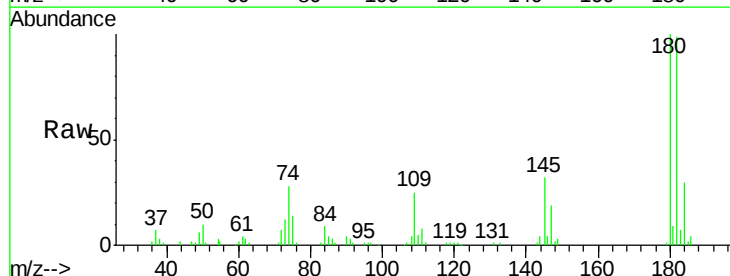
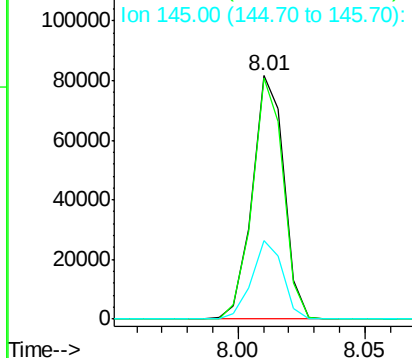
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

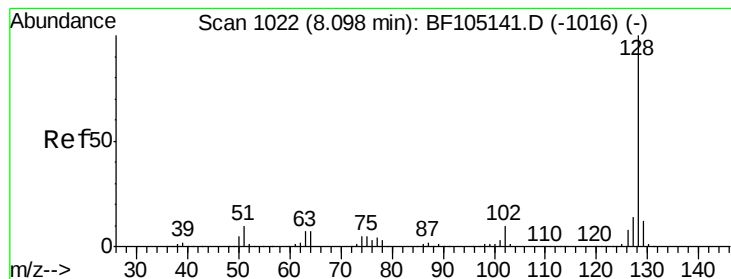


#30  
1,2,4-Trichlorobenzene  
Concen: 5.781 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 70940 |       |       |
| 182     | 98.9  |       | 76.8  | 115.2 |
| 145     | 32.2  |       | 26.5  | 39.7  |

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





#31

Naphthalene

Concen: 5.836 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

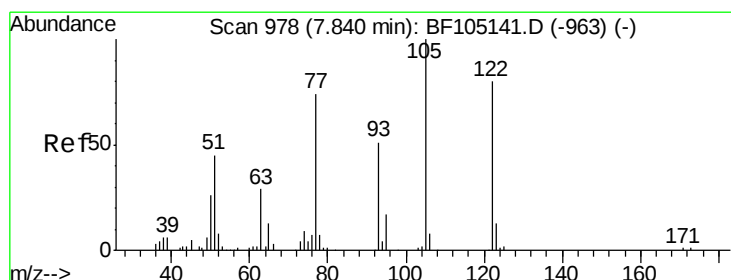
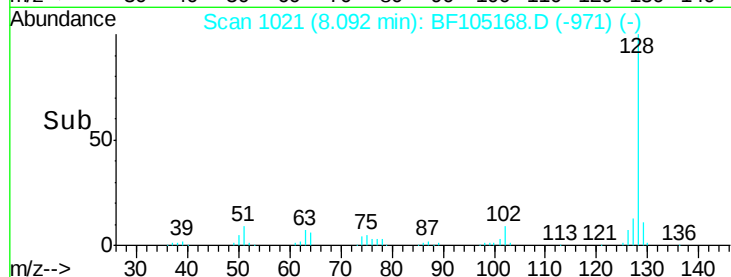
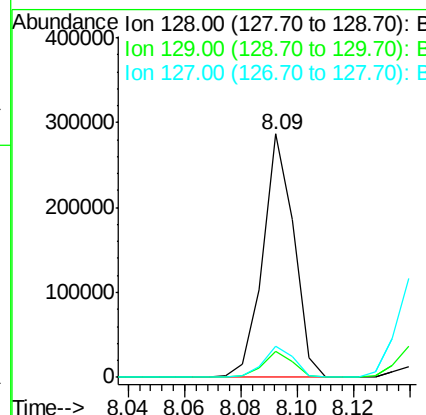
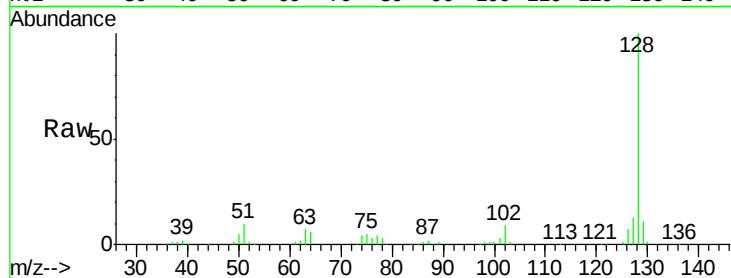
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 217955 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.7  | 8.8   | 13.2   |
| 127       | 12.8  | 10.9  | 16.3   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#32

Benzoic acid

Concen: 13.182 ng

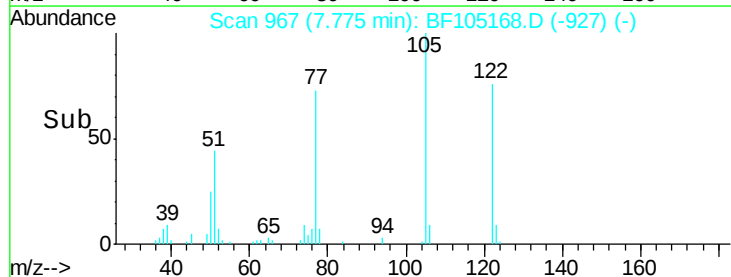
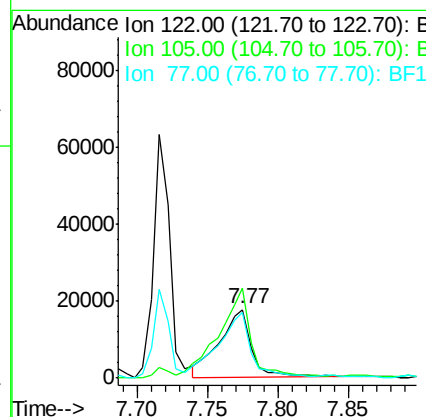
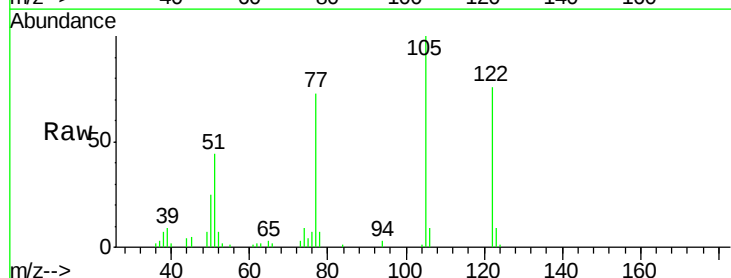
RT: 7.77 min Scan# 967

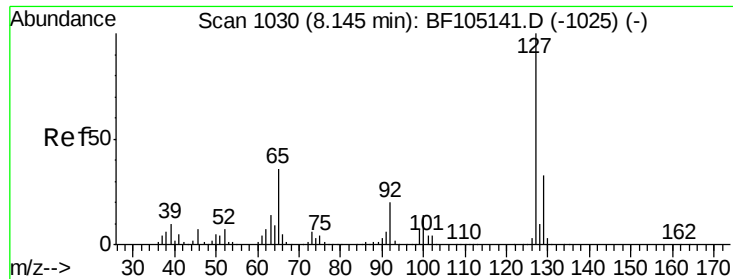
Delta R.T. -0.06 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 28161 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 131.1 | 101.1 | 141.1 |
| 77        | 95.9  | 70.7  | 110.7 |





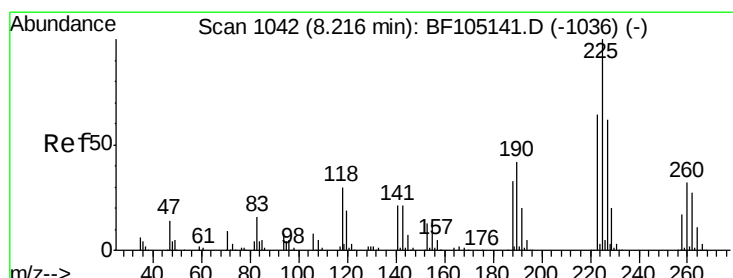
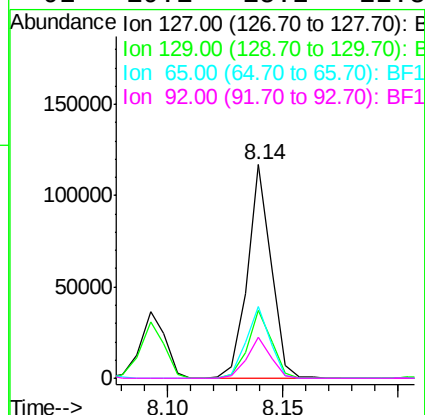
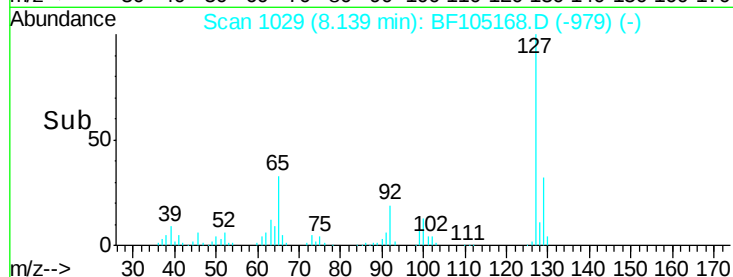
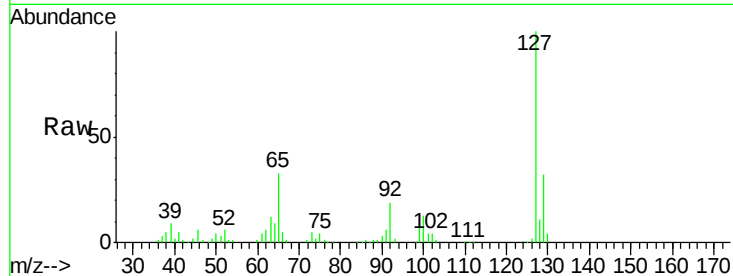
#33  
4-Chloroaniline  
Concen: 5.388 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.9 | 25.9  | 38.9 |       |       |
| 65      | 33.4 | 25.0  | 37.4 |       |       |
| 92      | 19.1 | 15.2  | 22.8 |       |       |

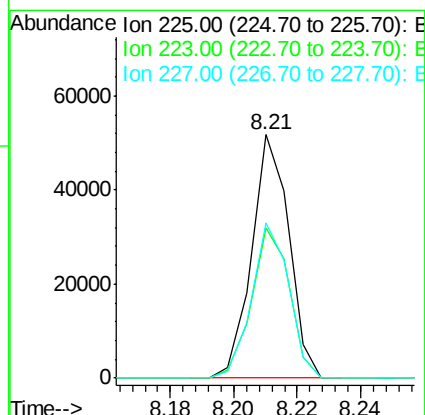
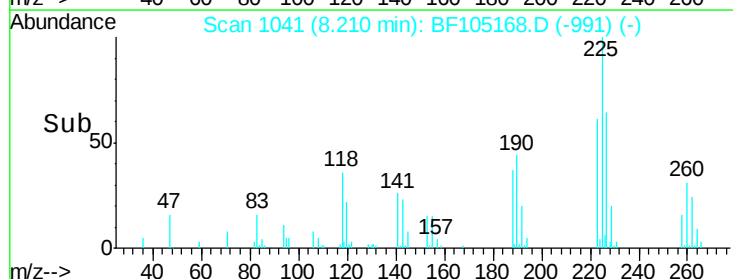
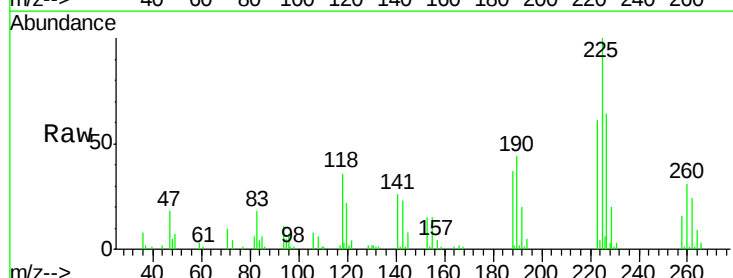
Manual Integrations  
APPROVED

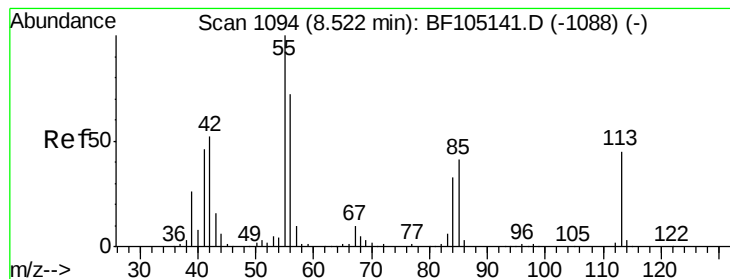
Sohil  
5/9/2018 6:51:14 PM



#34  
Hexachlorobutadiene  
Concen: 5.916 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.4 | 50.6  | 76.0 |       |       |
| 227     | 63.7 | 51.9  | 77.9 |       |       |





#35

Caprolactam

Concen: 4.667 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.05 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

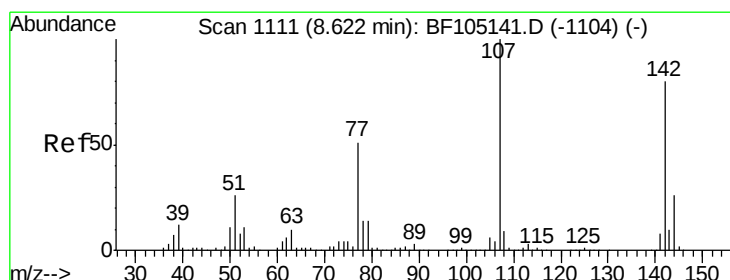
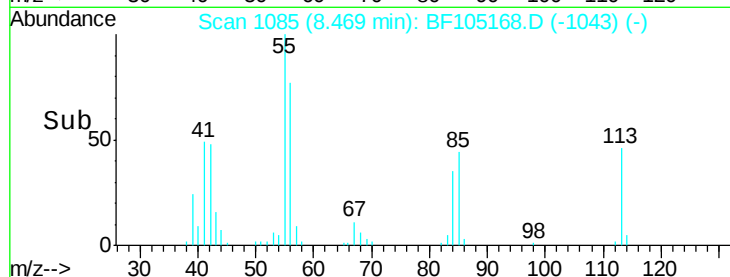
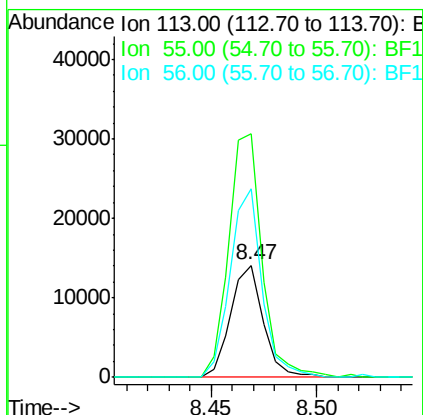
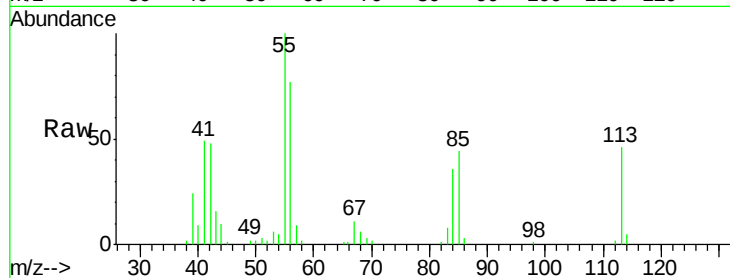
ClientSampleId :

MDL-WATER-03-QT2-2018

| Tot Ion | Ion   | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|-------|--------|-------|
| 113     | 100   |       |       |        |       |
| 55      | 216.8 |       | 163.3 | 203.3# |       |
| 56      | 167.8 |       | 115.7 | 155.7# |       |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#36

4-Chloro-3-methylphenol

Concen: 4.943 ng

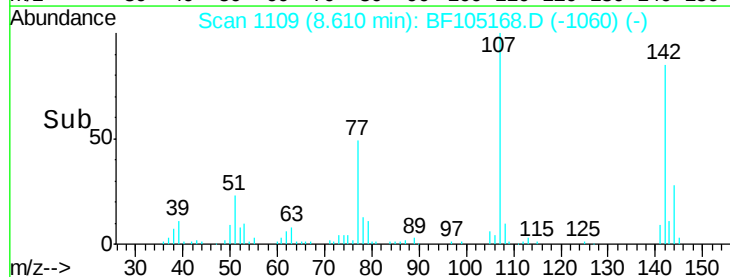
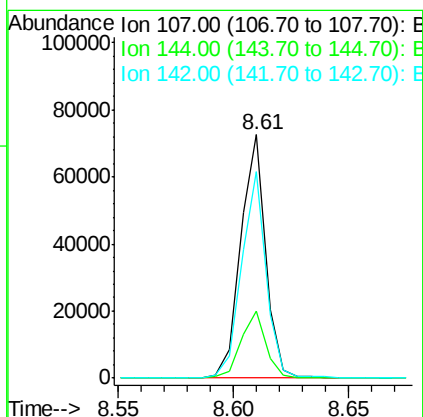
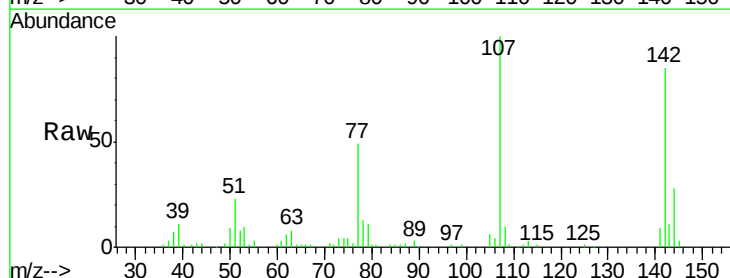
RT: 8.61 min Scan# 1109

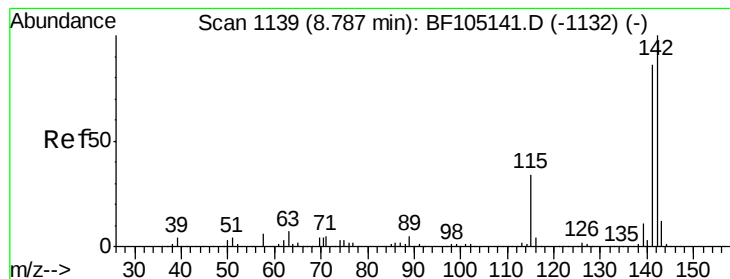
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 27.8 |       | 20.5 | 30.7  |       |
| 142     | 85.0 |       | 62.0 | 93.0  |       |





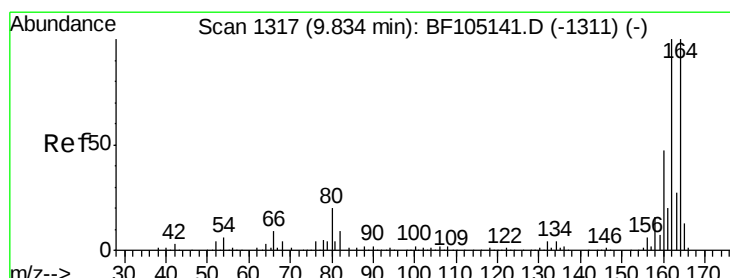
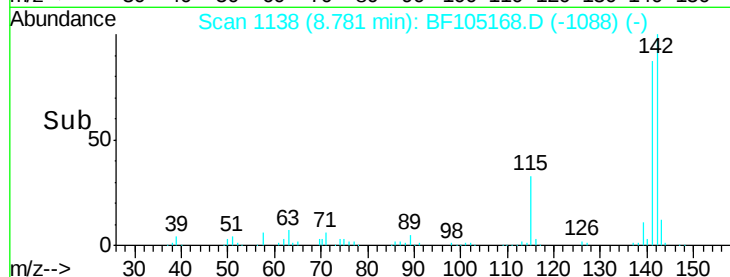
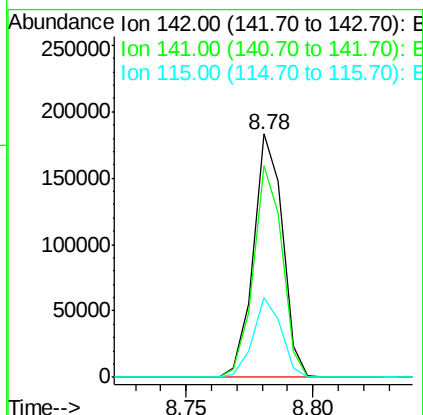
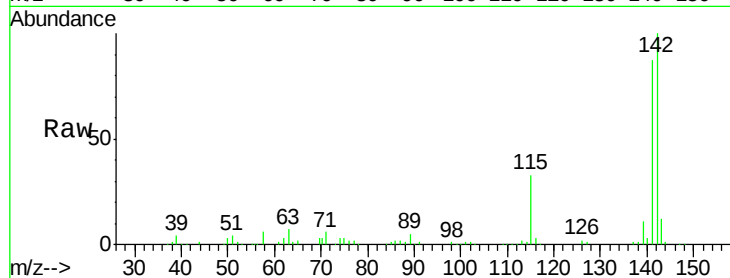
#37  
2-Methylnaphthalene  
Concen: 5.680 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.7  | 70.8  | 106.2 |
| 115     | 32.6  | 26.1  | 39.1  |

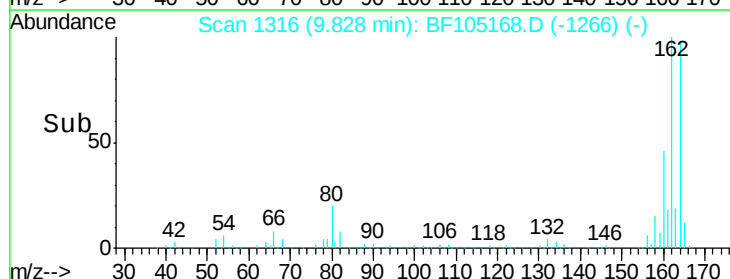
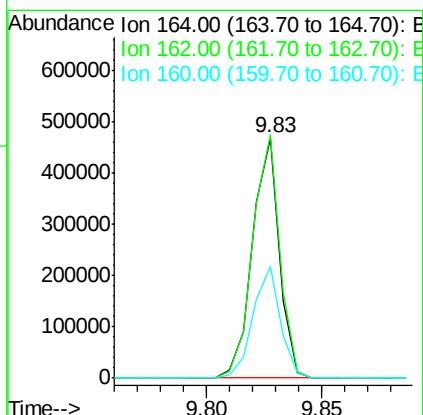
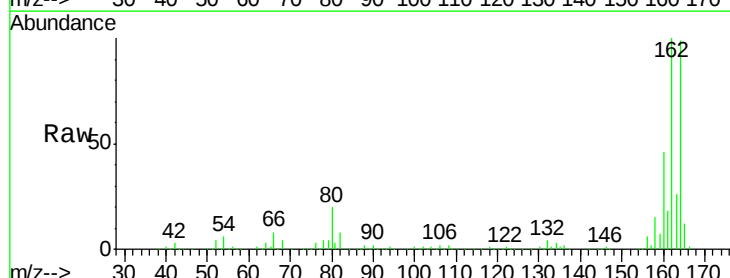
Manual Integrations  
APPROVED

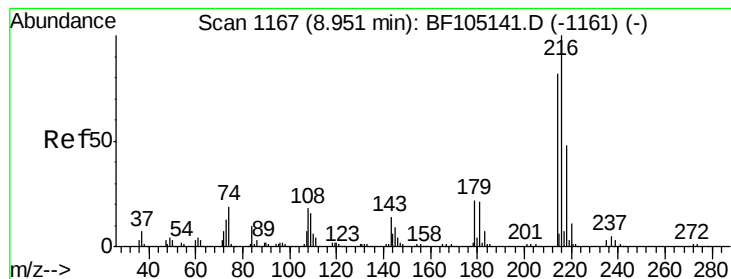
Sohil  
5/9/2018 6:51:14 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 86.1  | 129.1 |
| 160     | 46.3  | 38.3  | 57.5  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.069 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

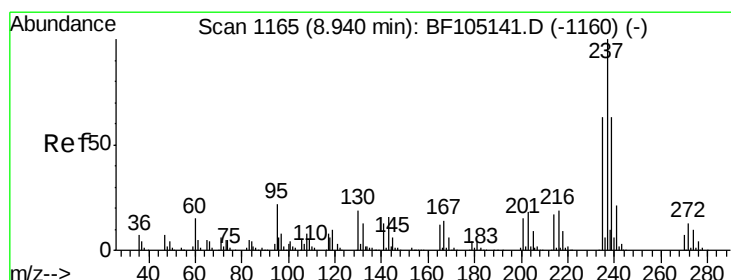
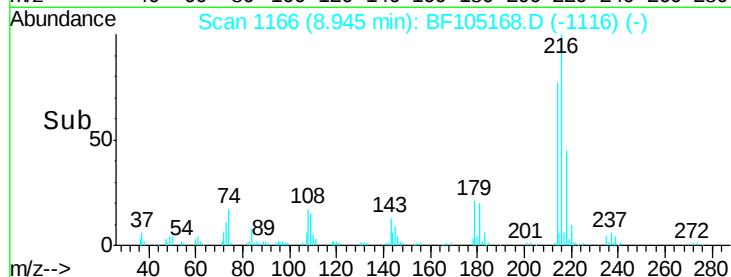
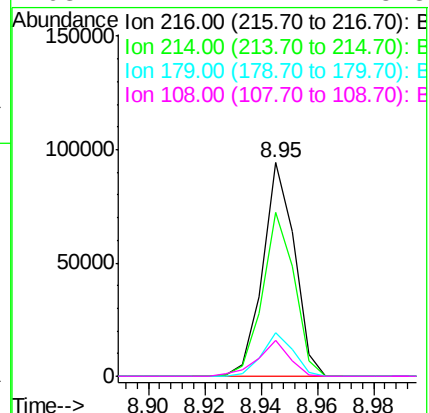
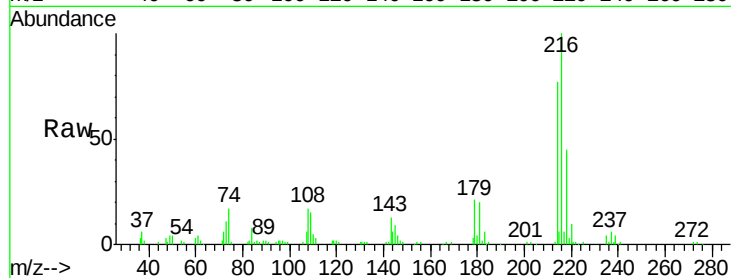
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 216   | Resp: | 73664 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.5  | 63.0  | 94.4  |
| 179       | 19.9  | 18.1  | 27.1  |
| 108       | 17.1  | 17.2  | 25.8# |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#40

Hexachlorocyclopentadiene

Concen: 4.774 ng

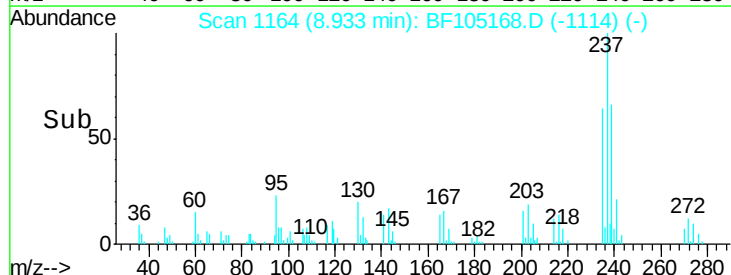
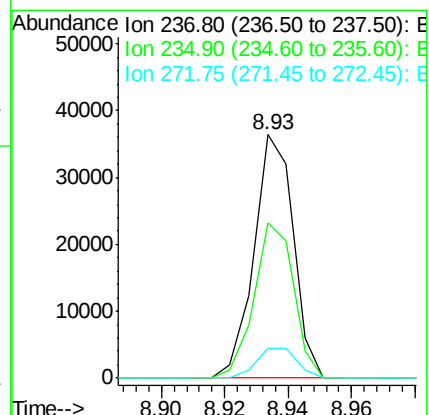
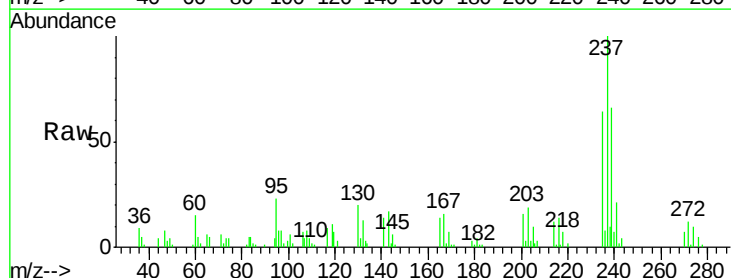
RT: 8.93 min Scan# 1164

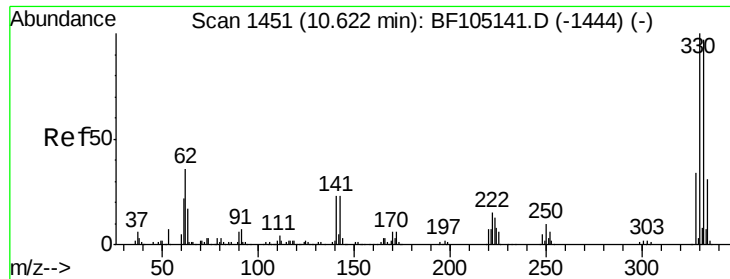
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 31330 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.9  | 44.8  | 84.8  |
| 272       | 12.1  | 0.0   | 33.3  |





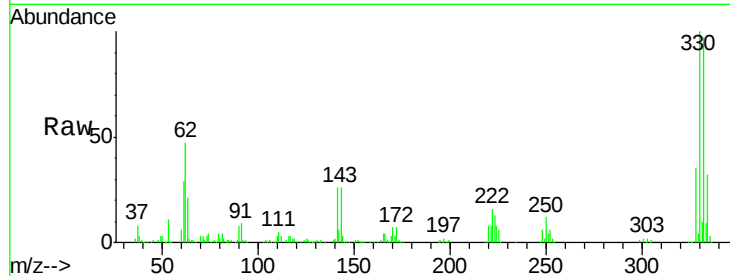
#41  
 2,4,6-Tribromophenol  
 Concen: 133.499 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

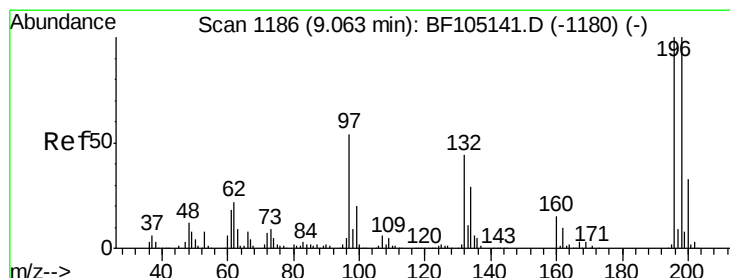
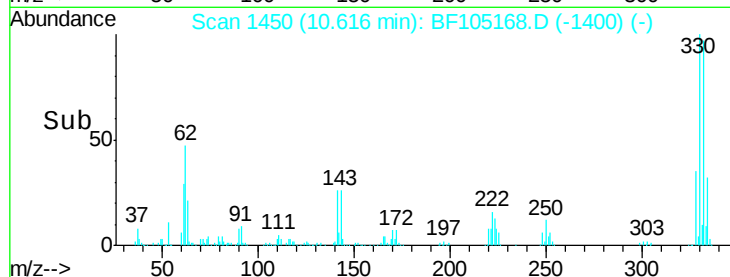
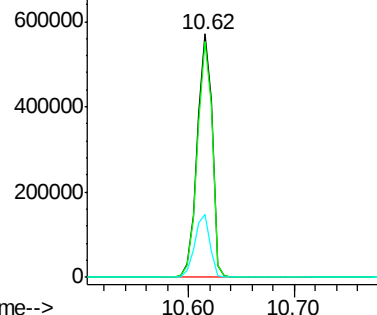
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 561771 |       |       |
| 332     | 96.1  | 77.0   | 115.6 |       |
| 141     | 26.8  | 29.9   | 44.9  |       |

Manual Integrations  
 APPROVED

Sohil  
 5/9/2018 6:51:14 PM



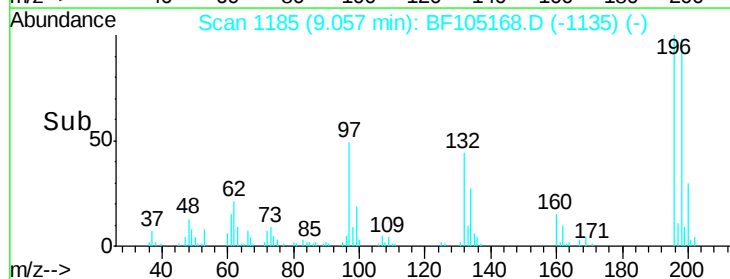
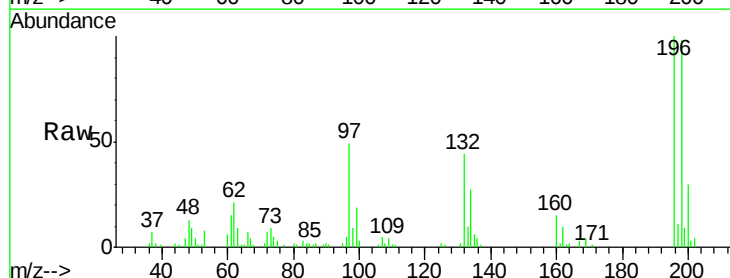
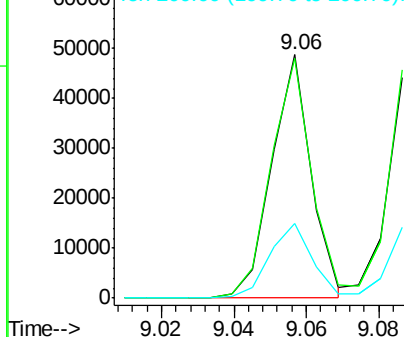
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

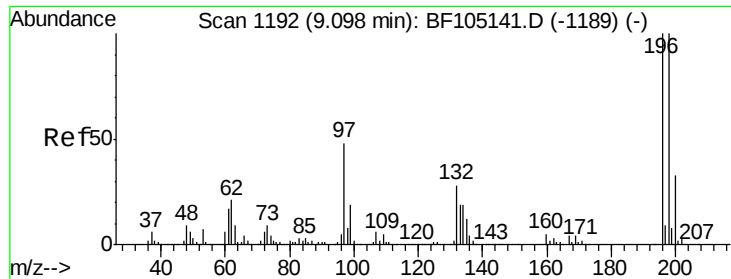


#42  
 2,4,6-Trichlorophenol  
 Concen: 4.990 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 36955 |       |       |
| 198     | 98.2  | 75.7  | 113.5 |       |
| 200     | 30.4  | 24.5  | 36.7  |       |

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





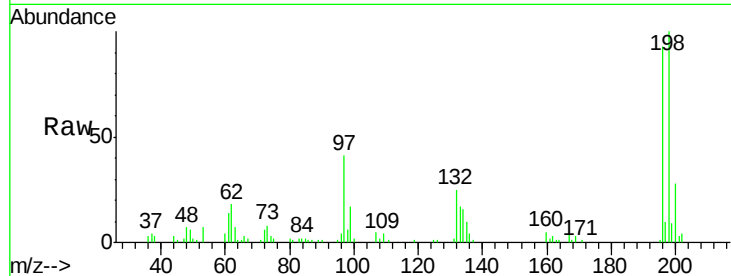
#43  
2,4,5-Trichlorophenol  
Concen: 5.604 ng  
RT: 9.09 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 43364 |       |       |
| 198     | 107.1 | 74.6  | 112.0 |       |
| 97      | 44.1  | 42.9  | 64.3  |       |
| 132     | 27.2  | 26.3  | 39.5  |       |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



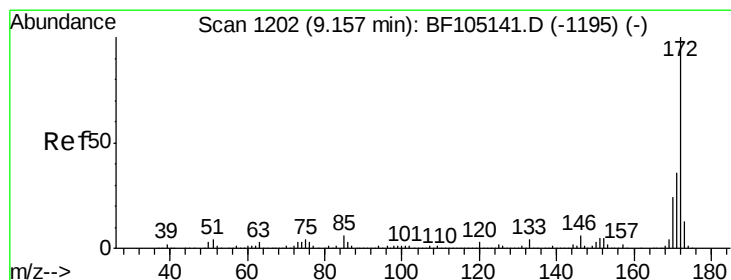
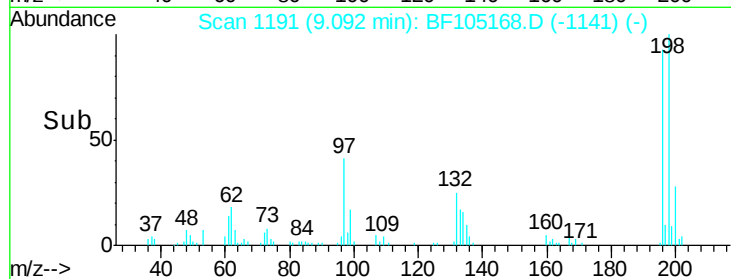
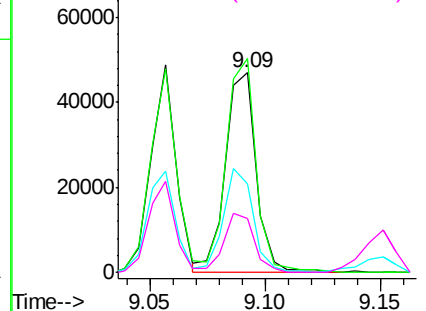
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

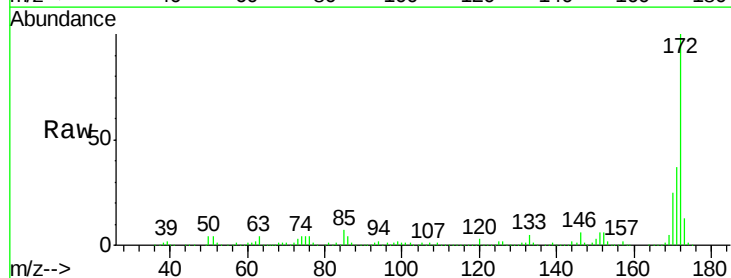
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 78.097 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1919157 |       |       |
| 171     | 37.3  | 29.7    | 44.5  |       |
| 170     | 24.6  | 19.6    | 29.4  |       |

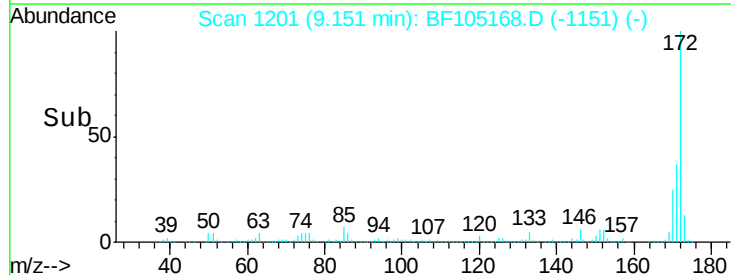
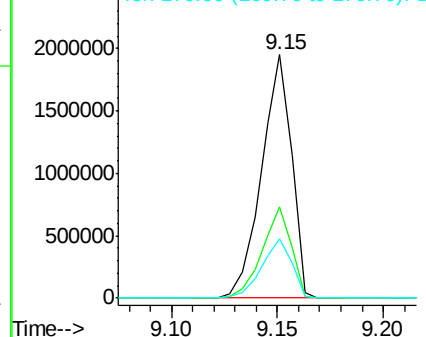


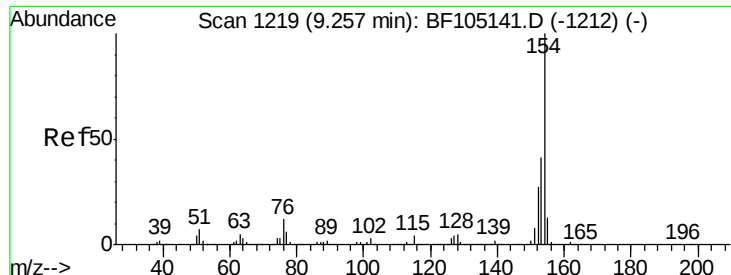
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





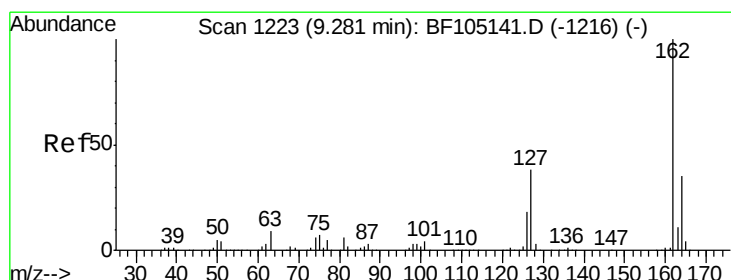
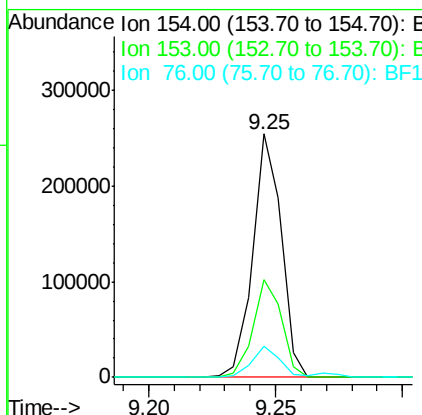
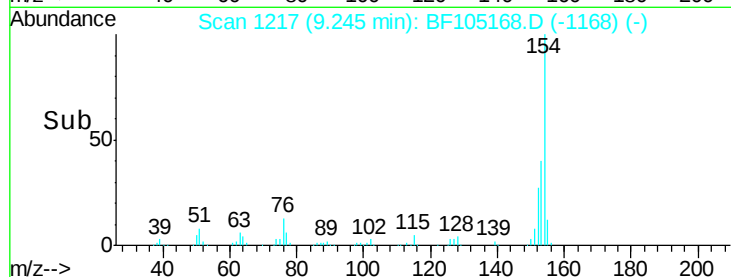
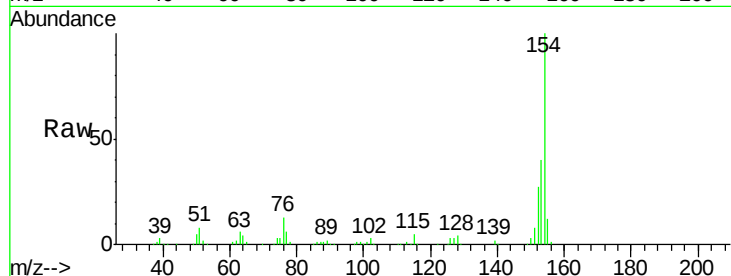
#45  
 1,1'-Biphenyl  
 Concen: 6.425 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 199673 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.0  | 21.3  | 61.3   |
| 76        | 12.8  | 0.0   | 34.0   |

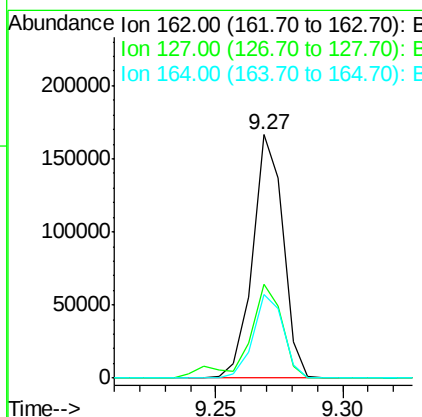
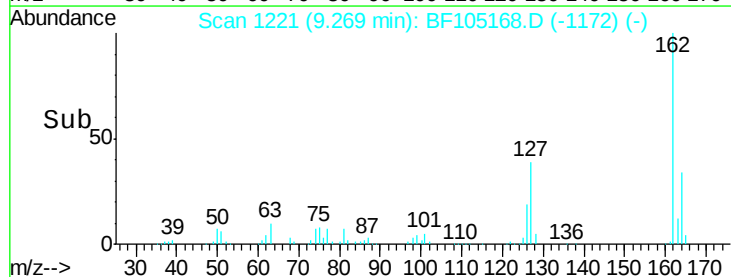
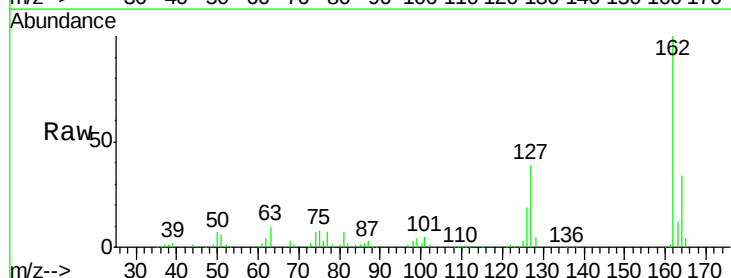
Manual Integrations  
 APPROVED

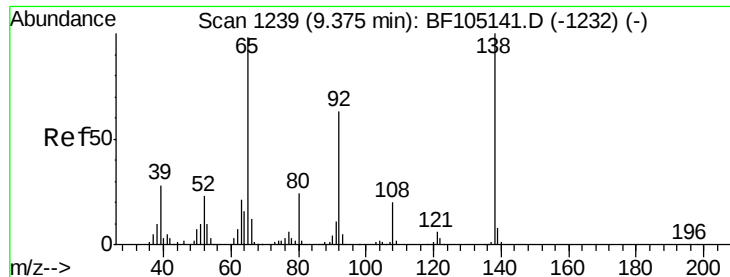
Sohil  
 5/9/2018 6:51:14 PM



#46  
 2-Chloronaphthalene  
 Concen: 6.002 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 139406 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.8  | 33.9  | 50.9   |
| 164       | 34.3  | 26.5  | 39.7   |





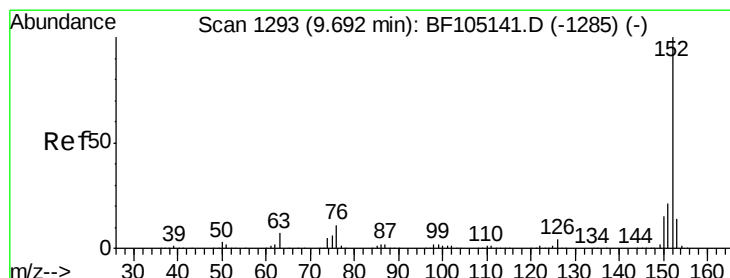
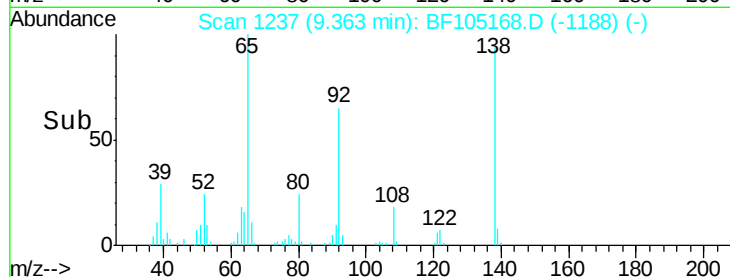
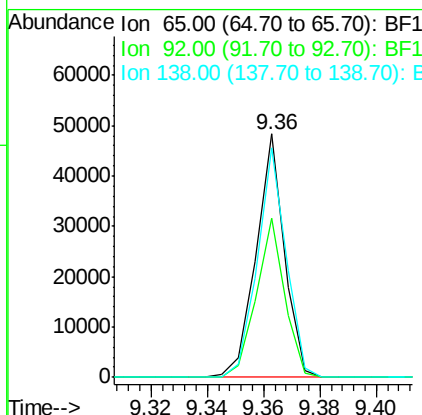
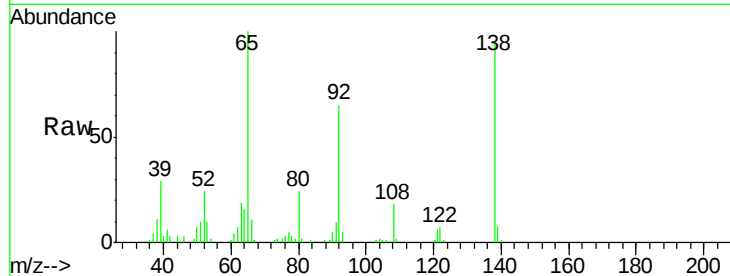
#47  
2-Nitroaniline  
Concen: 10.213 ng  
RT: 9.36 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 33587 |       |       |
| 92      | 65.2  | 55.8  | 83.6  |       |
| 138     | 94.1  | 91.2  | 136.8 |       |

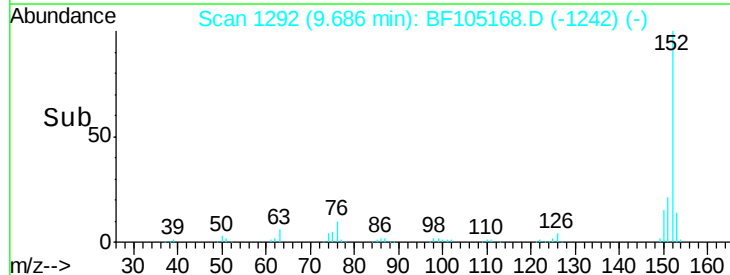
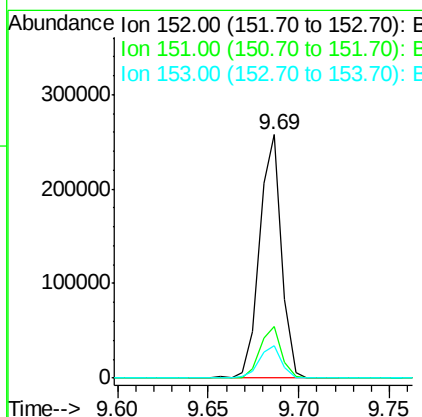
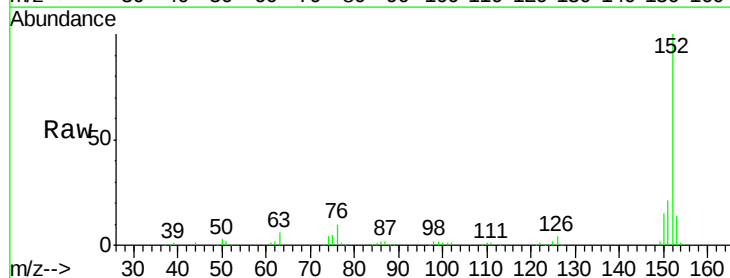
Manual Integrations  
APPROVED

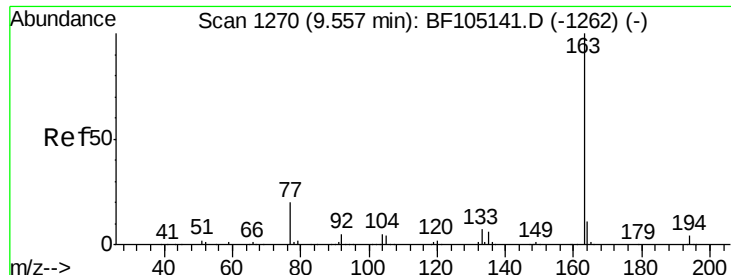
Sohil  
5/9/2018 6:51:14 PM



#48  
Acenaphthylene  
Concen: 6.031 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 216336 |       |       |
| 151     | 21.0  | 16.3   | 24.5  |       |
| 153     | 13.6  | 10.7   | 16.1  |       |





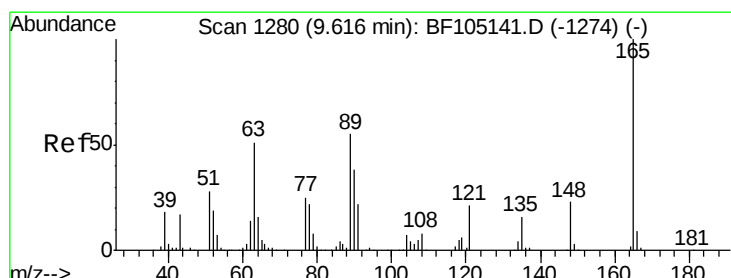
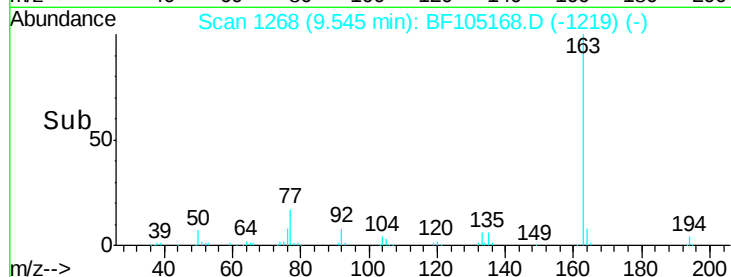
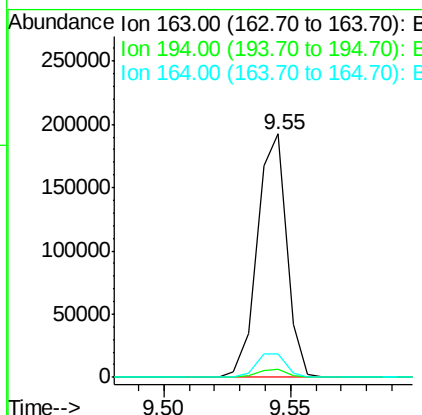
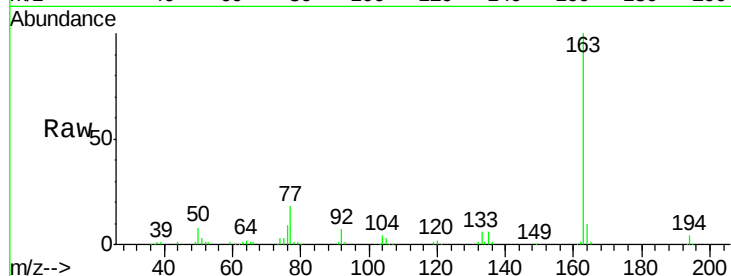
#49  
Dimethylphthalate  
Concen: 6.061 ng  
RT: 9.55 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 156490 |       |       |
| 194     | 3.6   | 2.7    | 4.1   |       |
| 164     | 9.8   | 8.2    | 12.2  |       |

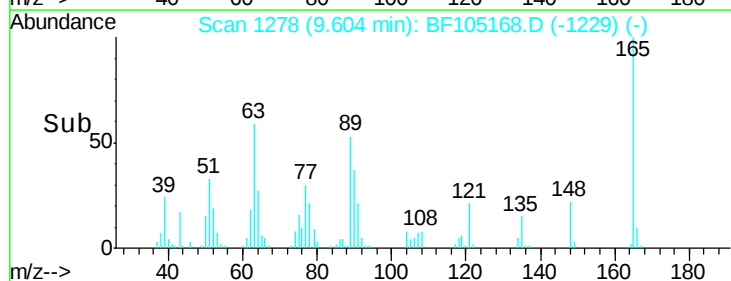
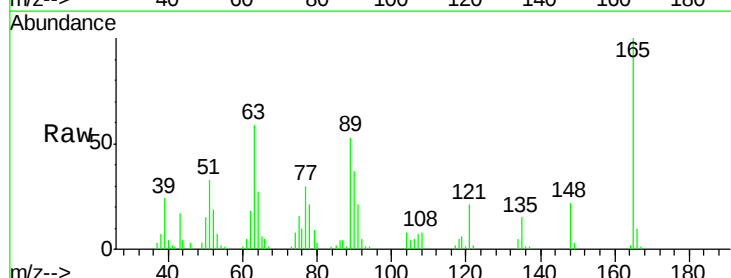
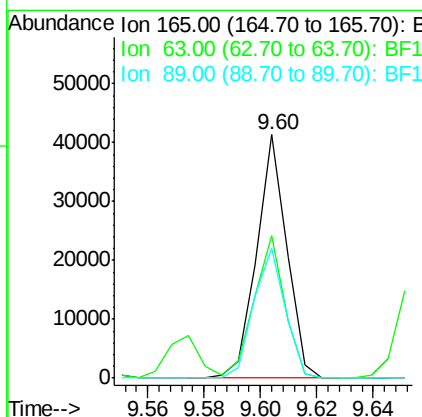
Manual Integrations  
APPROVED

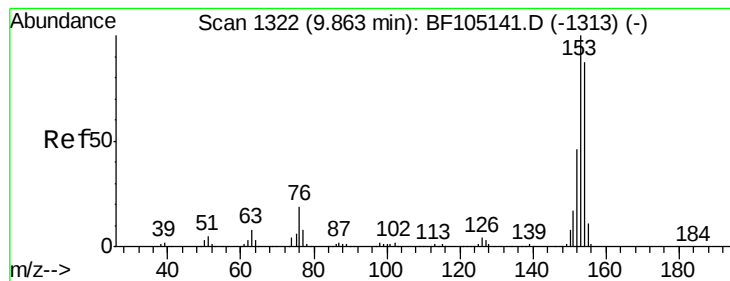
Sohil  
5/9/2018 6:51:14 PM



#50  
2,6-Dinitrotoluene  
Concen: 5.462 ng  
RT: 9.60 min Scan# 1278  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 30604 |       |       |
| 63      | 58.7  | 44.7  | 67.1  |       |
| 89      | 53.3  | 44.0  | 66.0  |       |





#51

Acenaphthene

Concen: 6.003 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

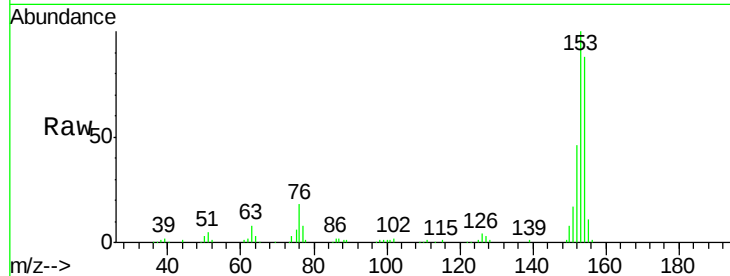
ClientSampleId :

MDL-WATER-03-QT2-2018

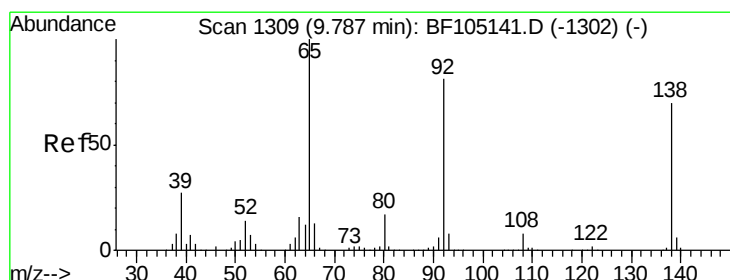
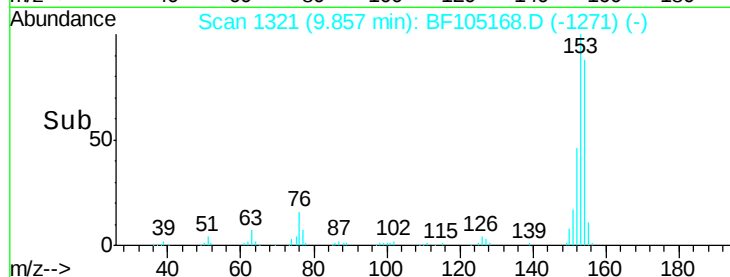
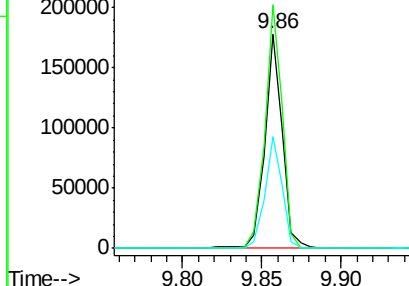
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 138783 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 91.2  | 136.8  |
| 152       | 52.1  | 43.8  | 65.8   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 5.532 ng

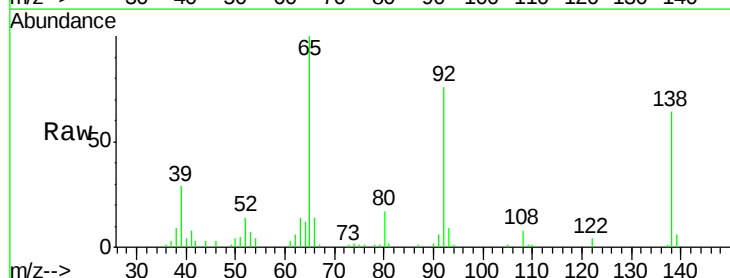
RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

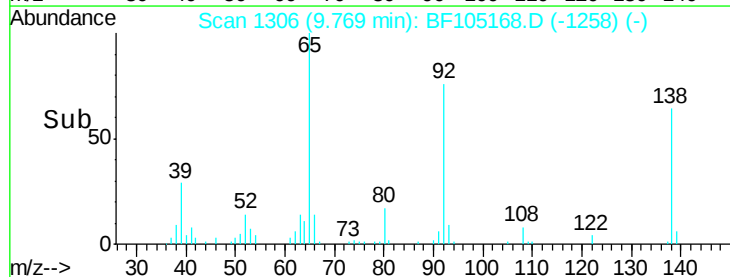
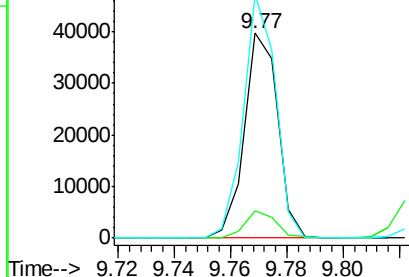
Lab File: BF105168.D

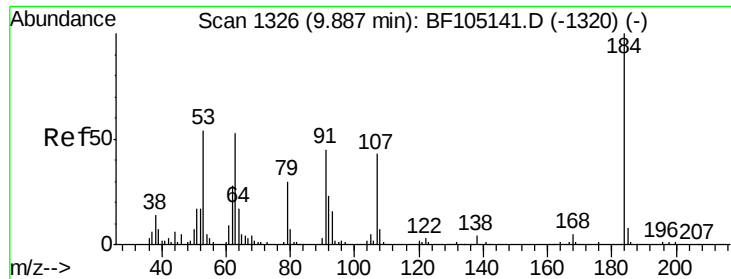
Acq: 9 May 2018 2:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 32648 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 13.1  | 9.4   | 14.0  |
| 92        | 118.7 | 89.4  | 134.2 |



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





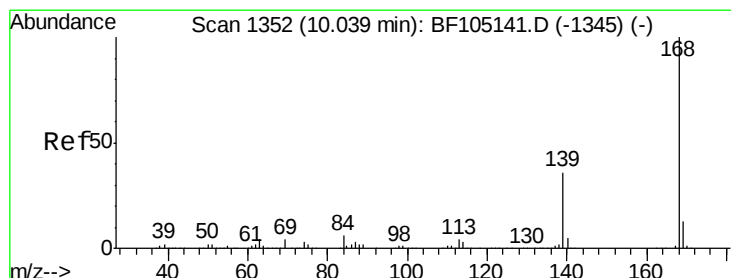
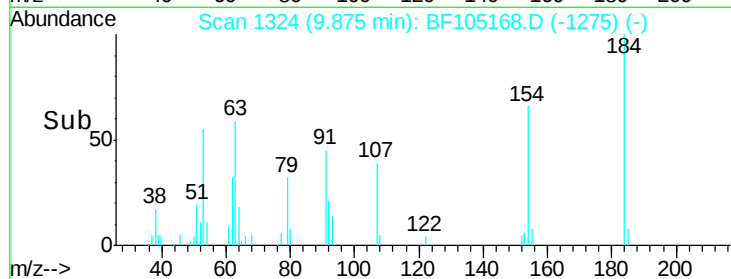
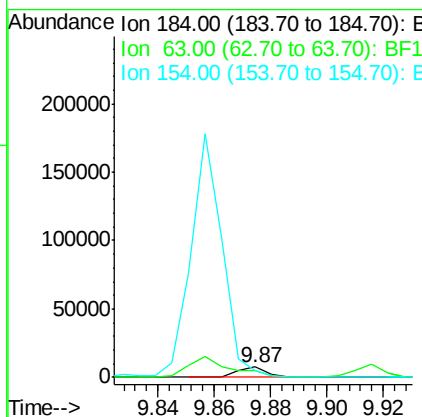
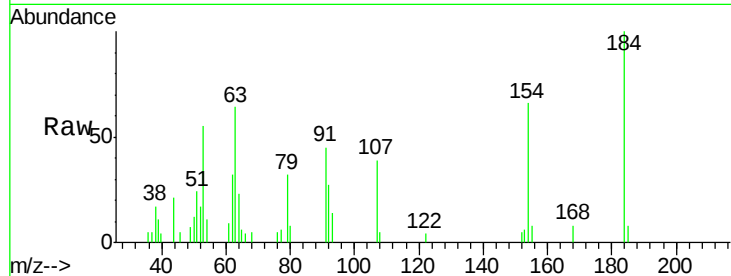
#53  
 2,4-Dinitrophenol  
 Concen: 13.262 ng  
 RT: 9.87 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 63.9  | 54.2  | 81.2   |
| 154     | 65.9  | 184.0 | 276.0# |

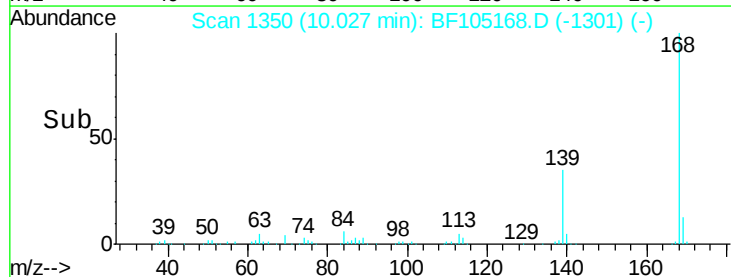
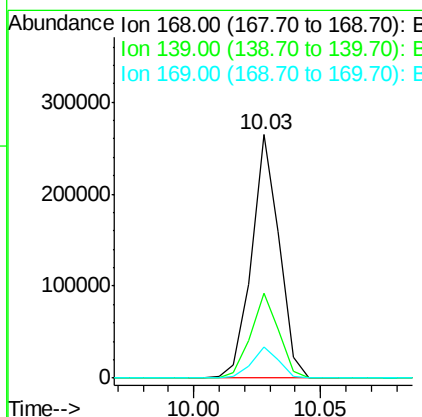
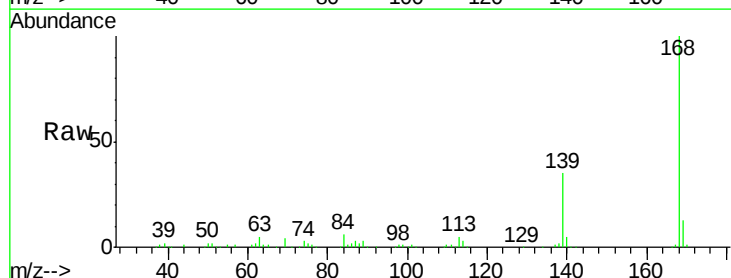
Manual Integrations  
 APPROVED

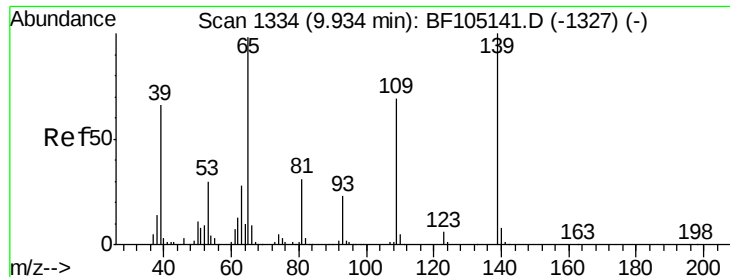
Sohil  
 5/9/2018 6:51:14 PM



#54  
 Dibenzofuran  
 Concen: 5.897 ng  
 RT: 10.03 min Scan# 1350  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.1  | 30.1  | 45.1  |
| 169     | 13.0  | 10.9  | 16.3  |





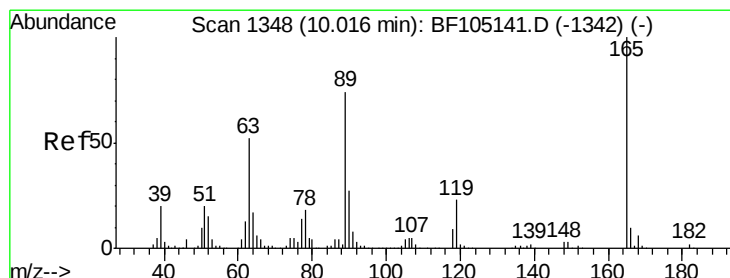
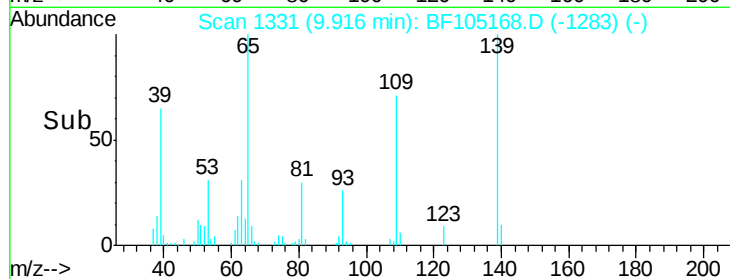
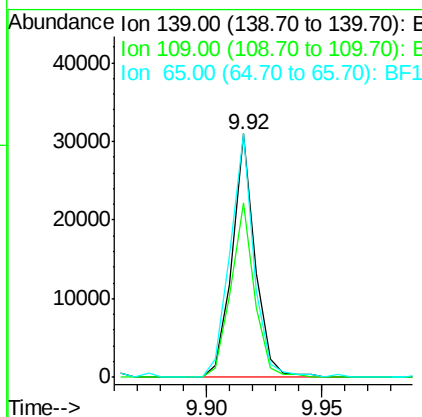
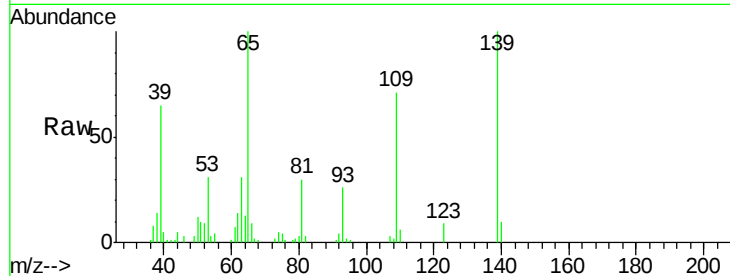
#55  
4-Nitrophenol  
Concen: 8.147 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.02 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 21590 |       |       |
| 109     | 71.6  | 48.4  | 88.4  |       |
| 65      | 100.2 | 72.6  | 112.6 |       |

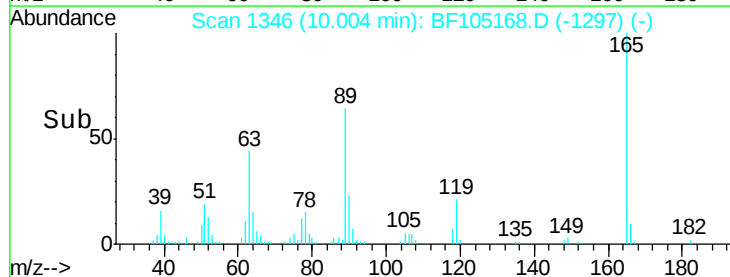
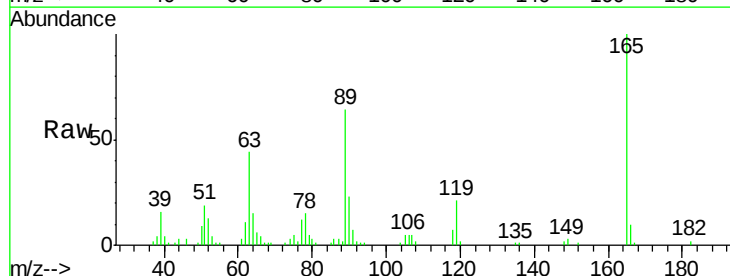
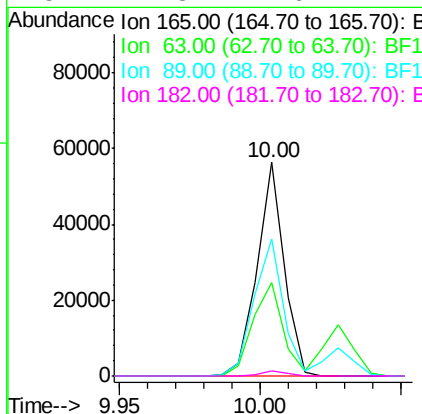
Manual Integrations  
APPROVED

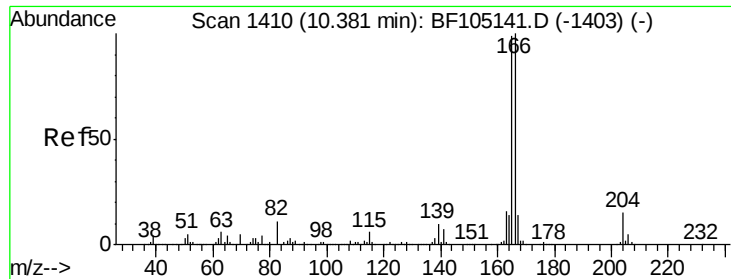
Sohil  
5/9/2018 6:51:14 PM



#56  
2,4-Dinitrotoluene  
Concen: 8.281 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 37635 |       |       |
| 63      | 43.7  | 36.4  | 54.6  |       |
| 89      | 64.2  | 57.8  | 86.6  |       |
| 182     | 2.3   | 1.6   | 2.4   |       |





#57

Fluorene

Concen: 6.294 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

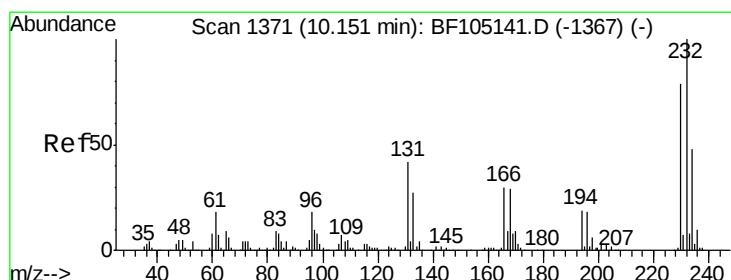
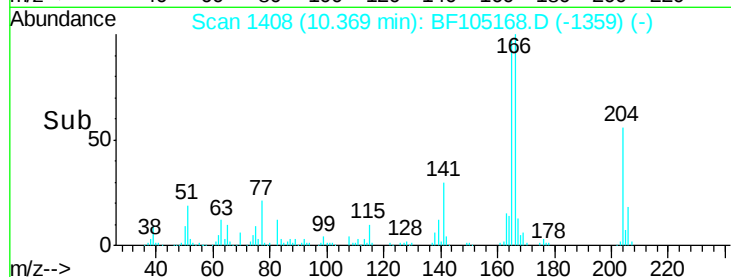
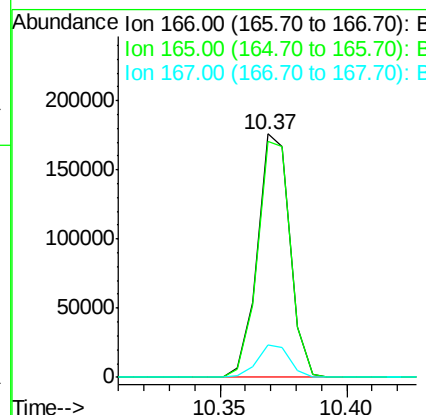
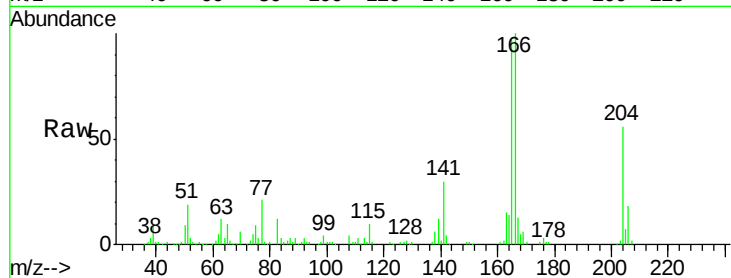
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 156086 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.0  | 79.8  | 119.8  |
| 167       | 13.2  | 10.6  | 16.0   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.895 ng

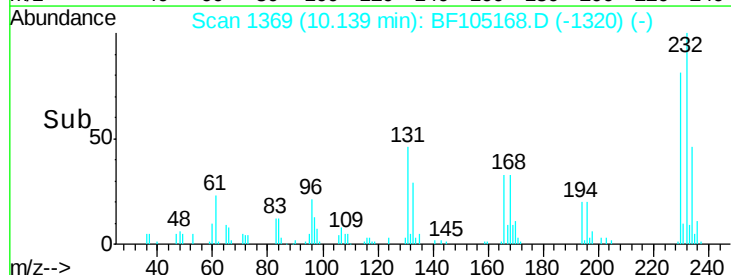
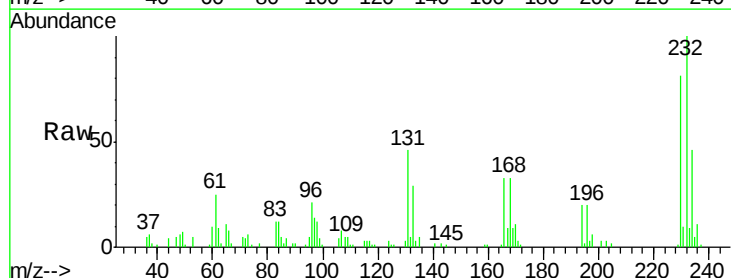
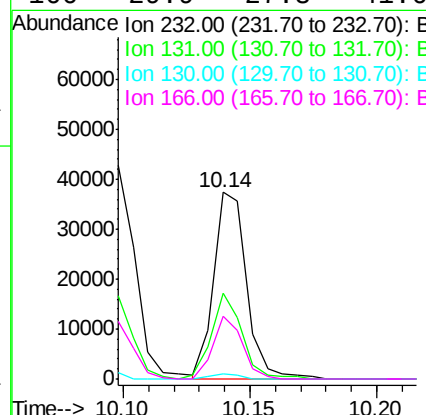
RT: 10.14 min Scan# 1369

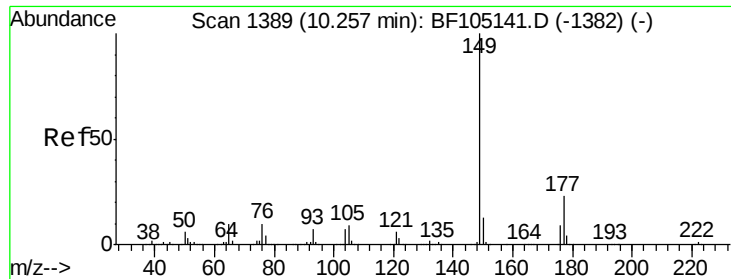
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 33809 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 43.3  | 43.8  | 65.8# |
| 130       | 2.4   | 2.1   | 3.1   |
| 166       | 29.9  | 27.8  | 41.6  |





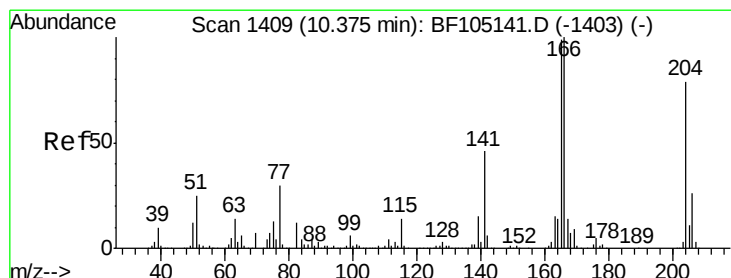
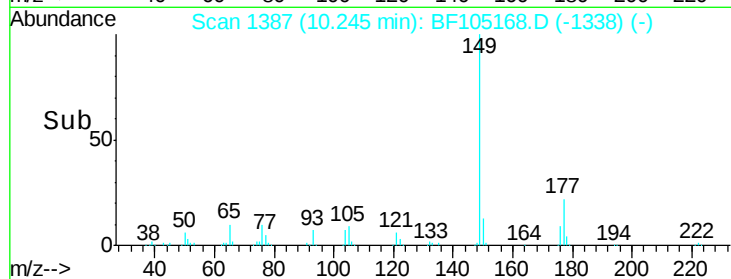
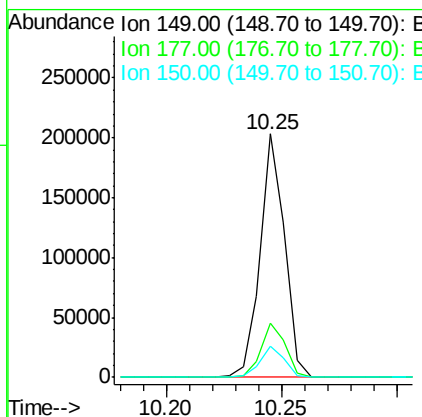
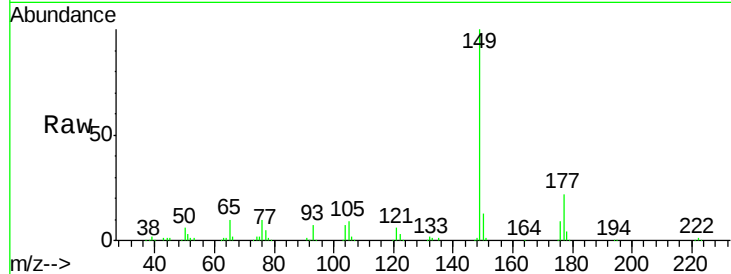
#59  
Diethylphthalate  
Concen: 5.935 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 150604 |       |       |
| 177     | 22.5  | 16.1   | 24.1  |       |
| 150     | 12.7  | 10.1   | 15.1  |       |

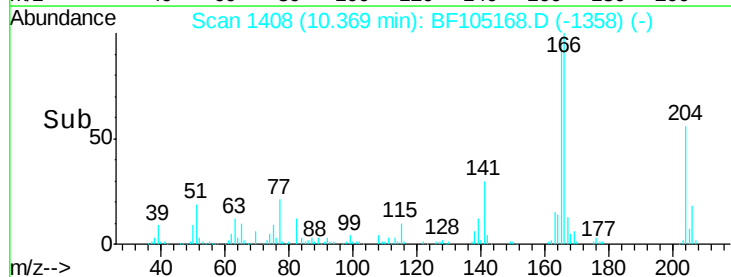
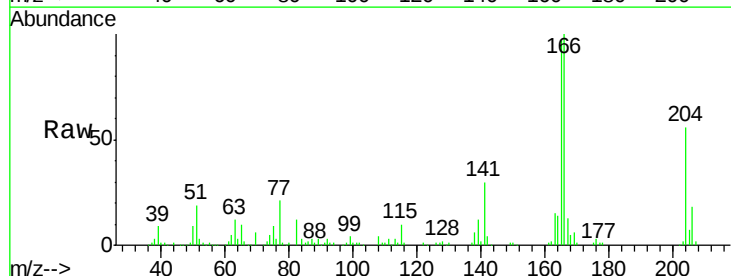
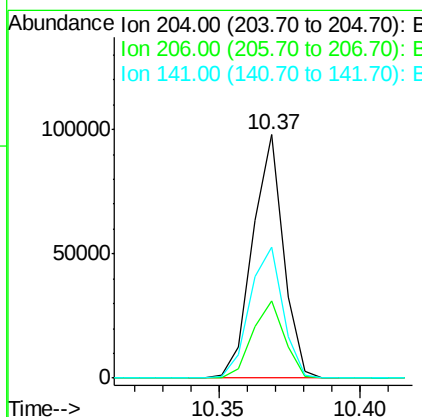
Manual Integrations  
APPROVED

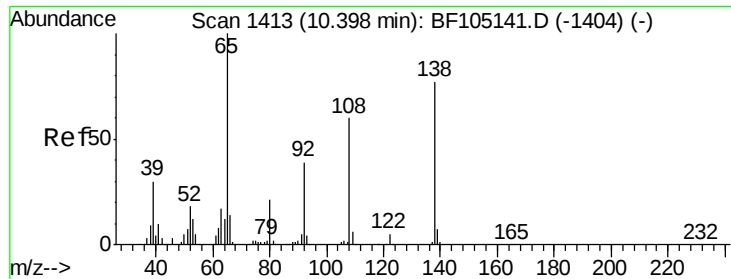
Sohil  
5/9/2018 6:51:14 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 6.445 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 74409 |       |       |
| 206     | 31.9  | 26.5  | 39.7  |       |
| 141     | 53.6  | 54.6  | 81.8# |       |





#61

4-Nitroaniline

Concen: 5.167 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

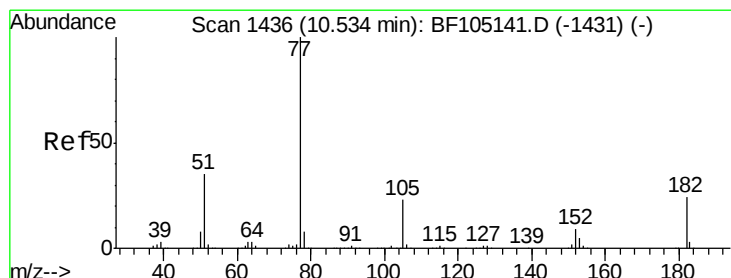
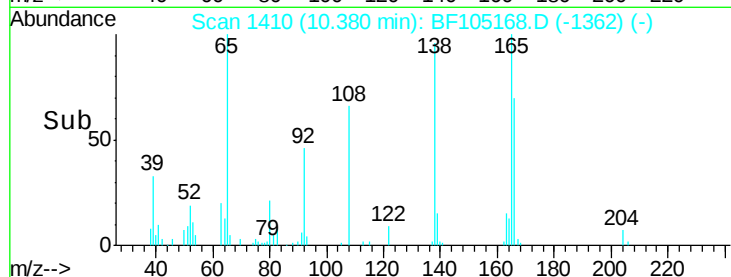
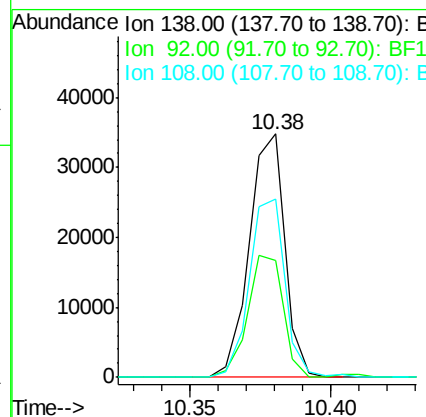
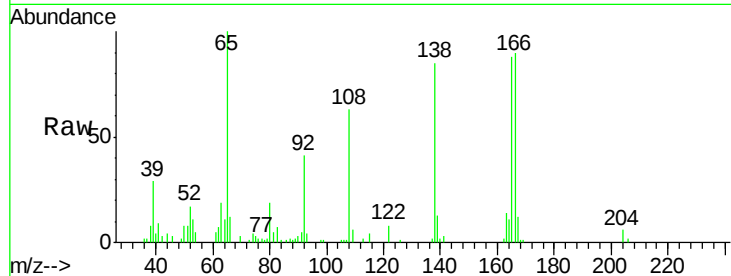
ClientSampleId :

MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.8  | 30.2  | 70.2  |
| 108     | 73.5  | 52.5  | 92.5  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#62

Azobenzene

Concen: 5.550 ng

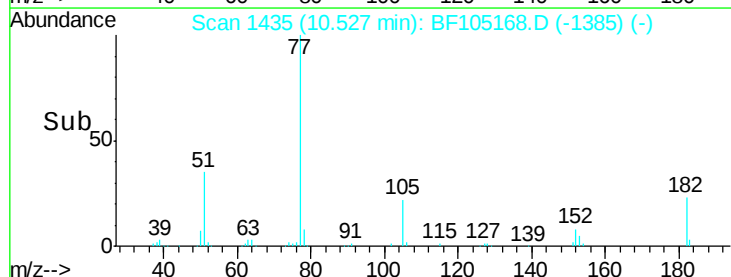
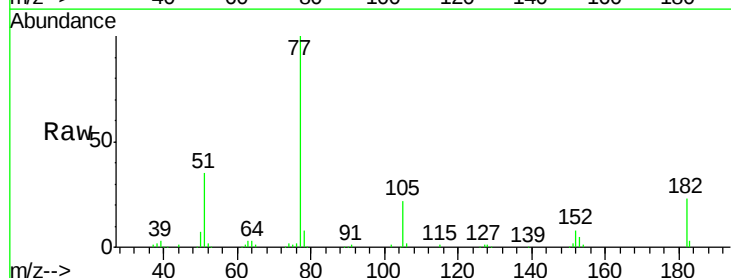
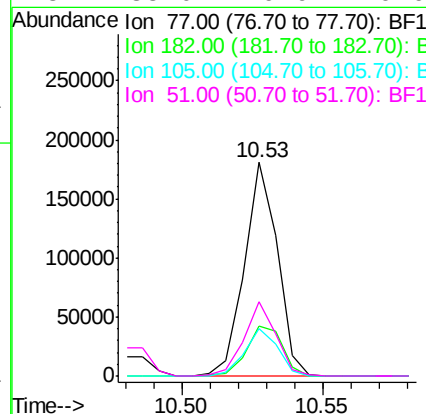
RT: 10.53 min Scan# 1435

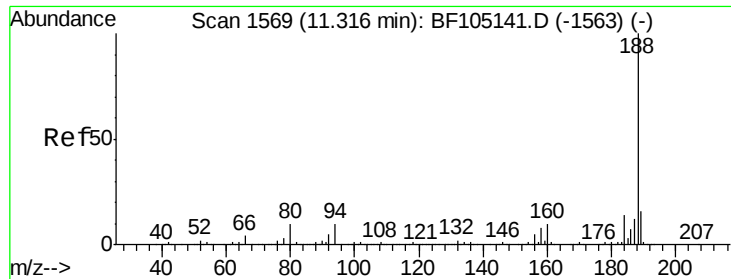
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.1  | 1.7   | 41.7  |
| 105     | 22.4  | 3.0   | 43.0  |
| 51      | 35.0  | 9.9   | 49.9  |





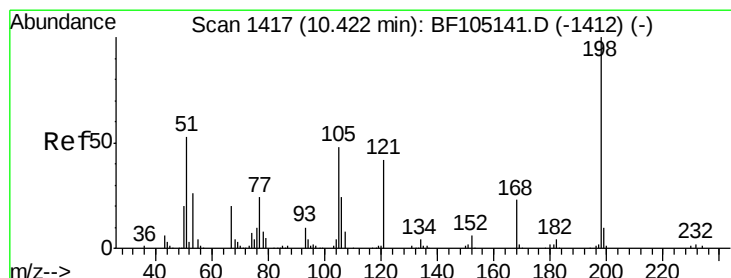
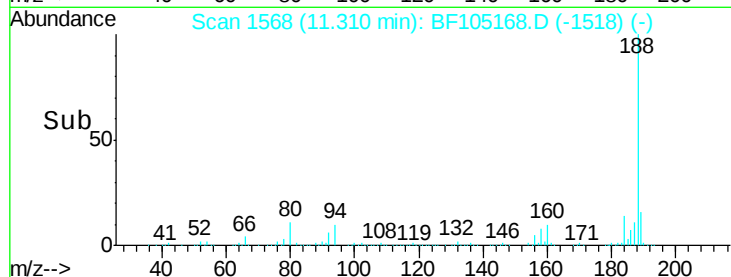
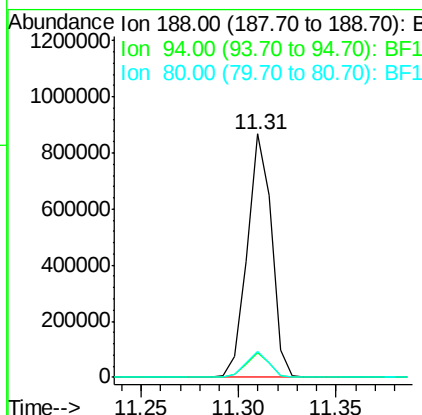
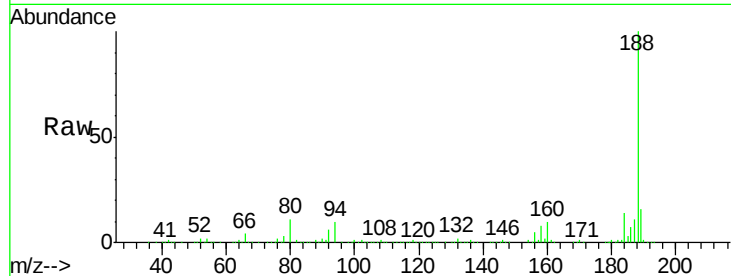
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.31 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 745212 |       |       |
| 94      | 10.2  |        | 8.5   | 12.7  |
| 80      | 10.6  |        | 9.2   | 13.8  |

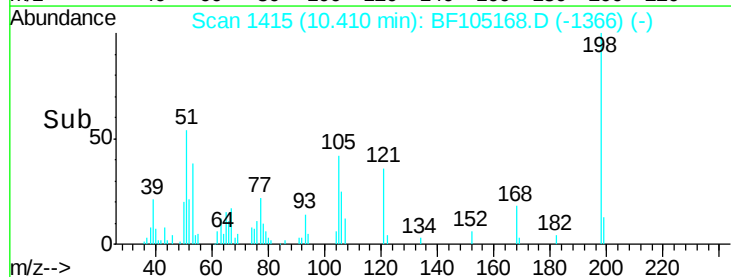
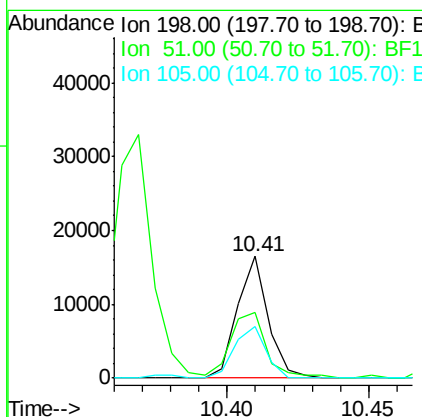
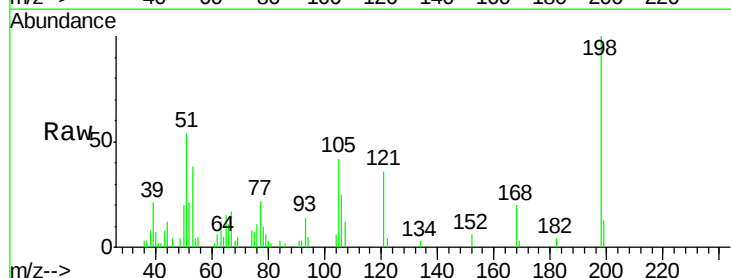
Manual Integrations  
APPROVED

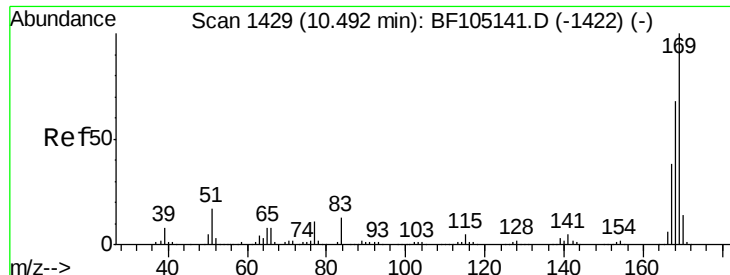
Sohil  
5/9/2018 6:51:14 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 13.325 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 12484 |       |       |
| 51      | 54.2  |       | 37.7  | 77.7  |
| 105     | 42.0  |       | 36.3  | 76.3  |





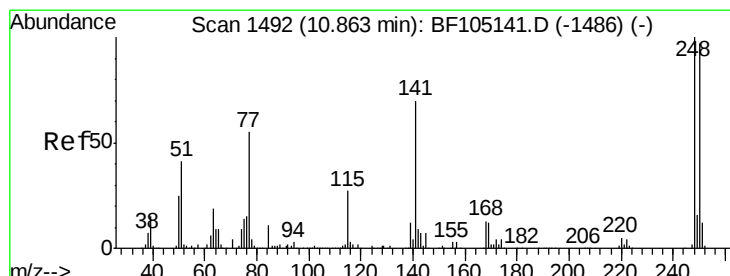
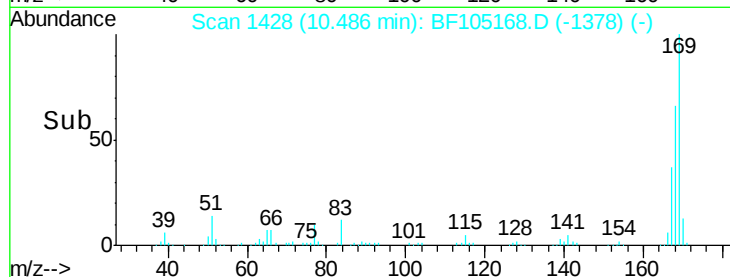
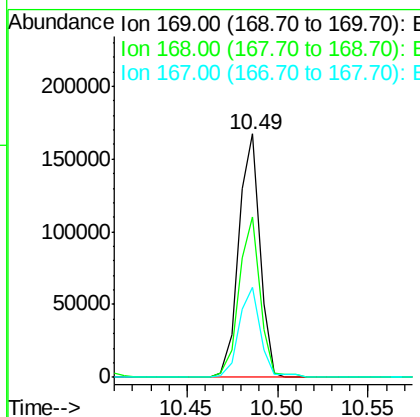
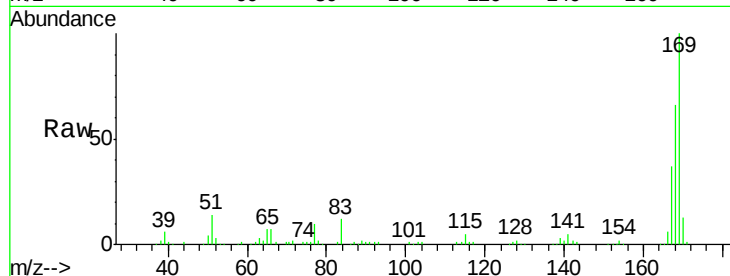
#65  
n-Nitrosodiphenylamine  
Concen: 5.845 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 135789 |       |       |
| 168     | 65.9  | 54.4   | 81.6  |       |
| 167     | 37.2  | 29.8   | 44.6  |       |

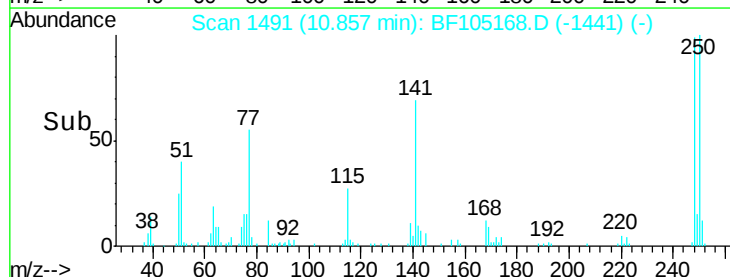
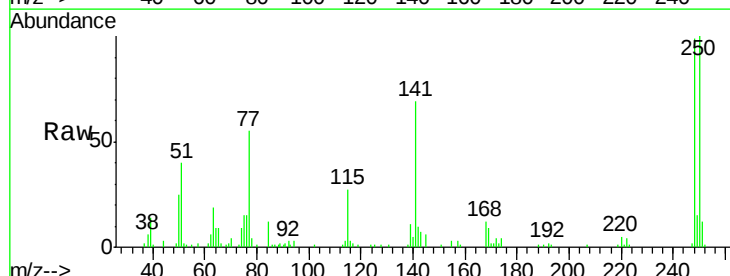
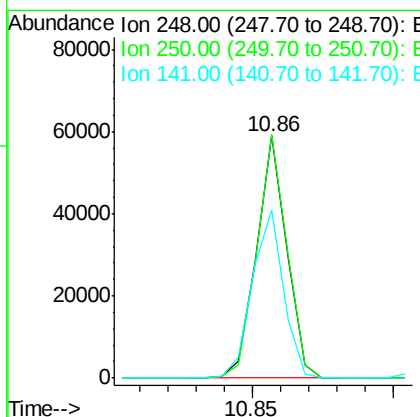
Manual Integrations  
APPROVED

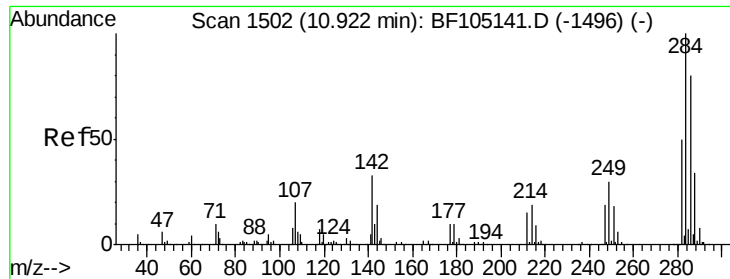
Sohil  
5/9/2018 6:51:14 PM



#66  
4-Bromophenyl-phenylether  
Concen: 5.489 ng  
RT: 10.86 min Scan# 1491  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 43624 |       |       |
| 250     | 100.6 | 76.9  | 115.3 |       |
| 141     | 69.3  | 74.4  | 111.6 |       |





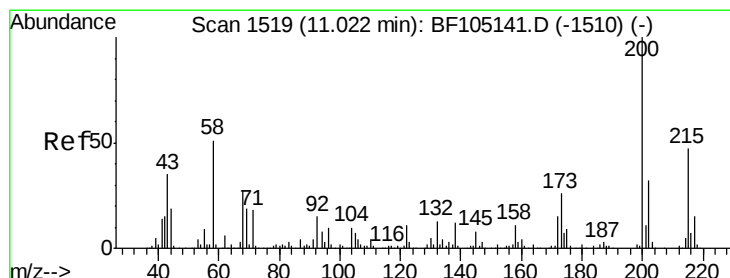
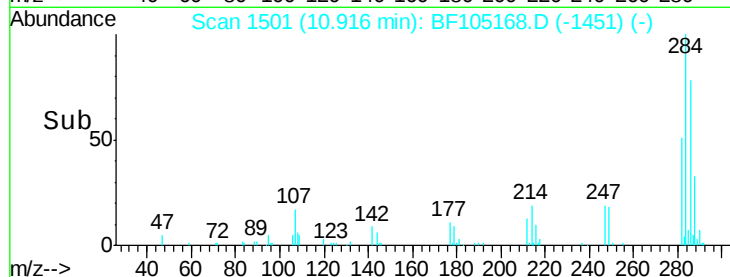
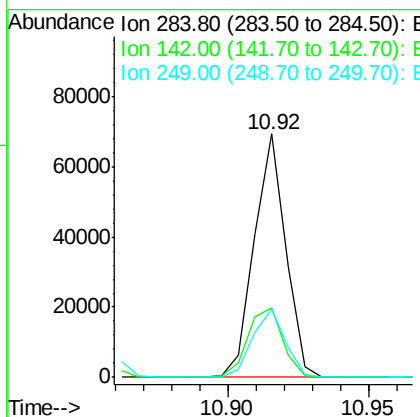
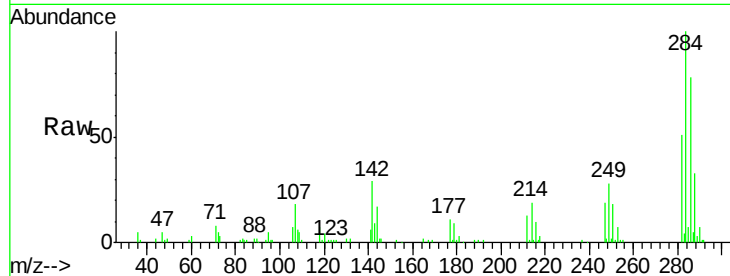
#67  
Hexachlorobenzene  
Concen: 5.837 ng  
RT: 10.92 min Scan# 1501  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 53450 |       |       |
| 142     | 28.8  |       | 34.6  | 52.0# |
| 249     | 27.8  |       | 24.8  | 37.2  |

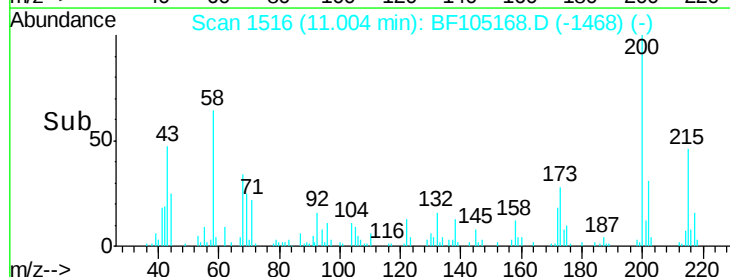
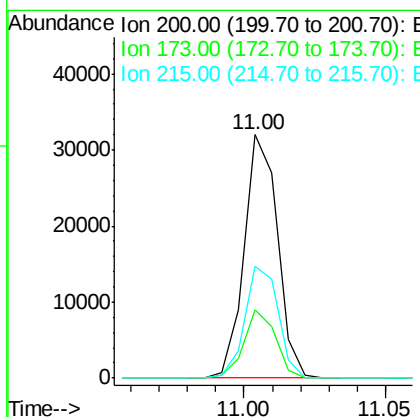
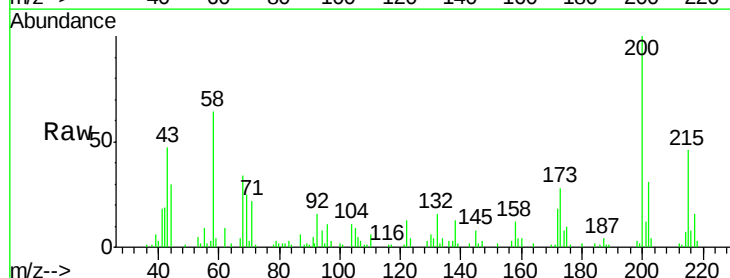
Manual Integrations  
APPROVED

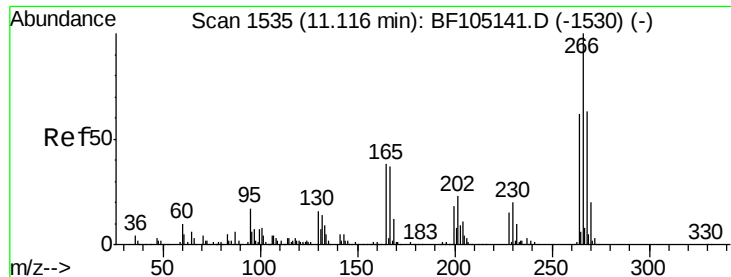
Sohil  
5/9/2018 6:51:14 PM



#68  
Atrazine  
Concen: 3.595 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. -0.02 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 26173 |       |       |
| 173     | 27.9  |       | 8.6   | 48.6  |
| 215     | 46.1  |       | 25.1  | 65.1  |





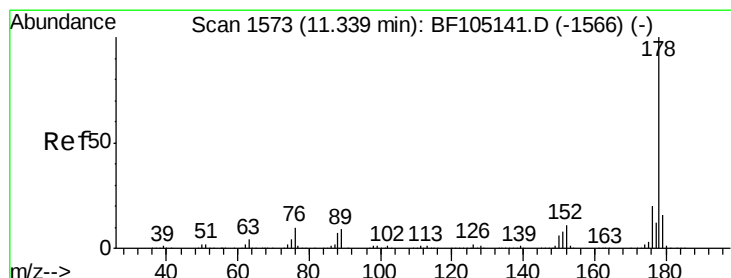
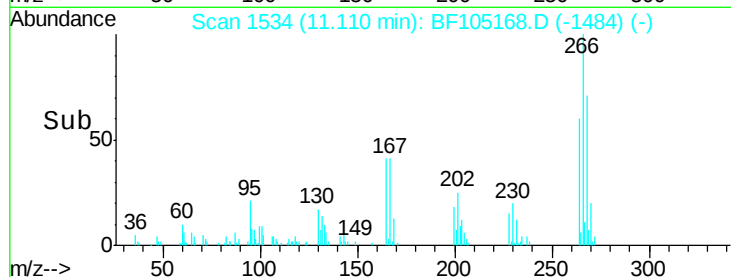
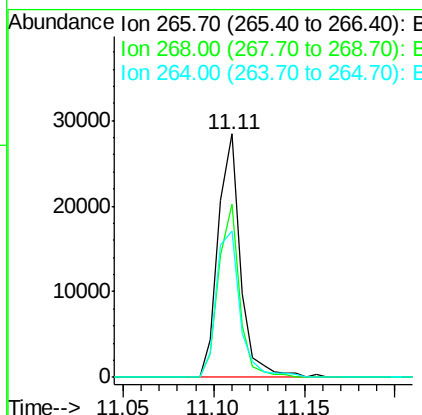
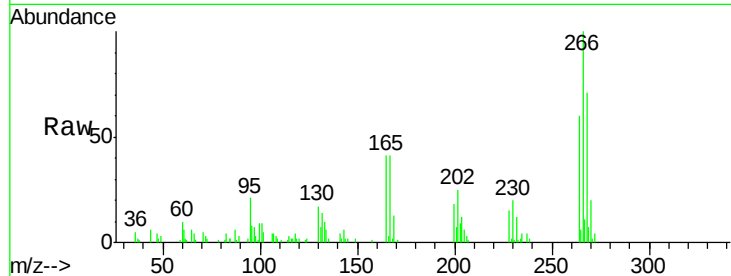
#69  
 Pentachlorophenol  
 Concen: 7.539 ng  
 RT: 11.11 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 24298 |       |       |
| 268     | 71.1  |       | 51.1  | 76.7  |
| 264     | 59.9  |       | 49.5  | 74.3  |

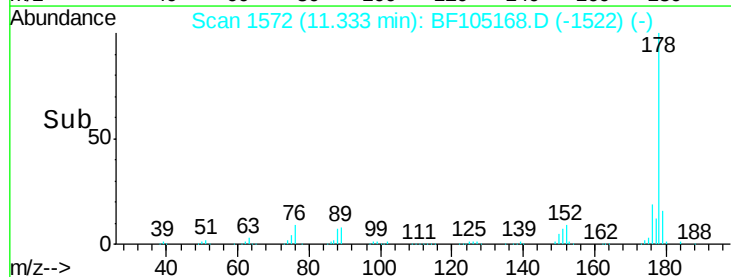
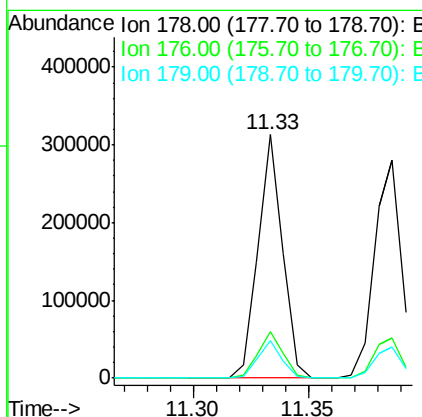
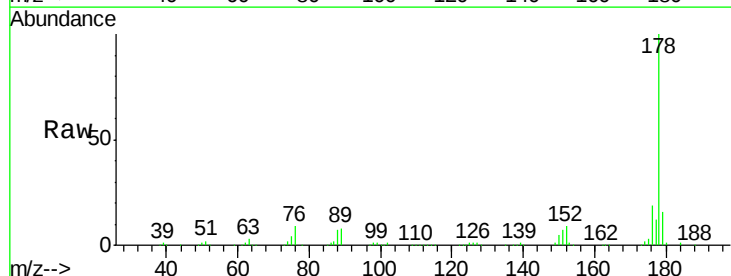
Manual Integrations  
 APPROVED

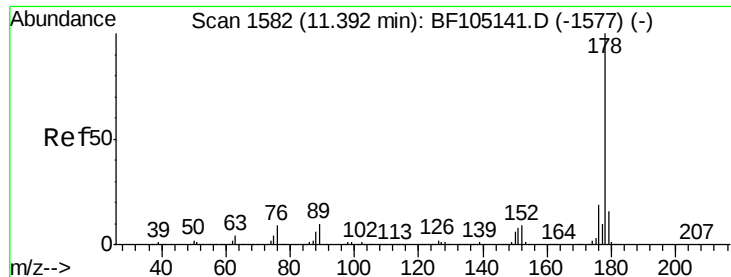
Sohil  
 5/9/2018 6:51:14 PM



#70  
 Phenanthrene  
 Concen: 5.931 ng  
 RT: 11.33 min Scan# 1572  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 233015 |       |       |
| 176     | 19.1  |        | 15.8  | 23.8  |
| 179     | 15.6  |        | 13.0  | 19.6  |





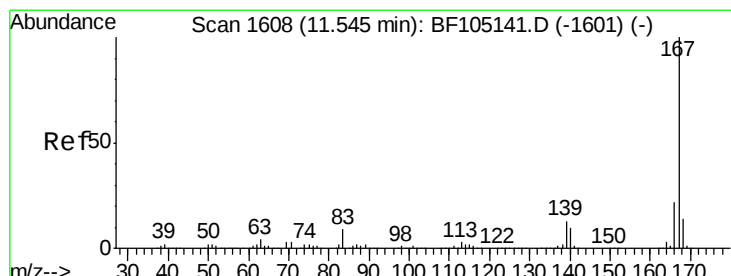
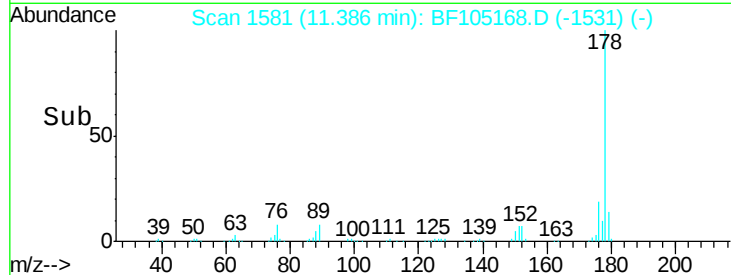
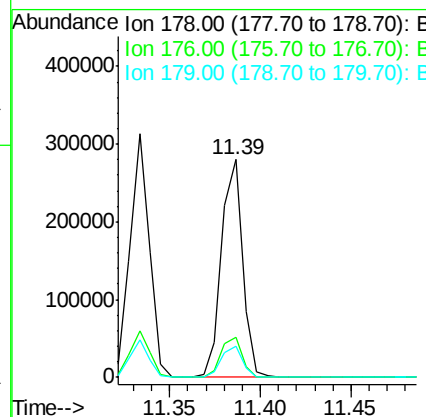
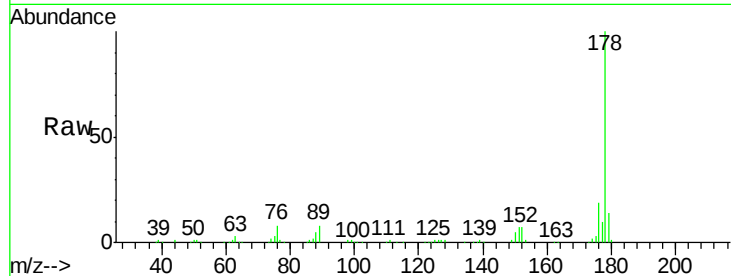
#71  
 Anthracene  
 Concen: 5.716 ng  
 RT: 11.39 min Scan# 1581  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.4  | 23.2  |
| 179     | 14.4  | 12.6  | 19.0  |

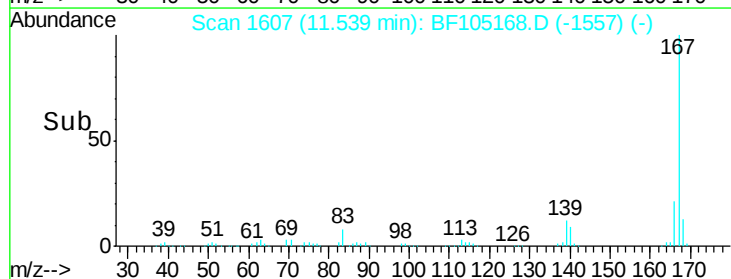
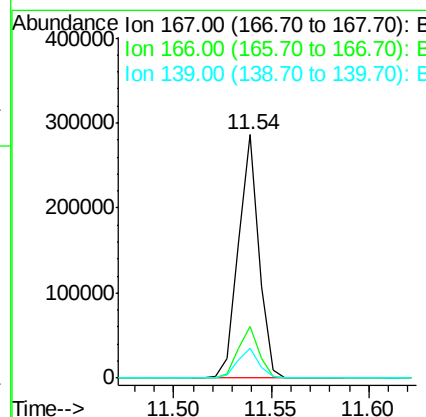
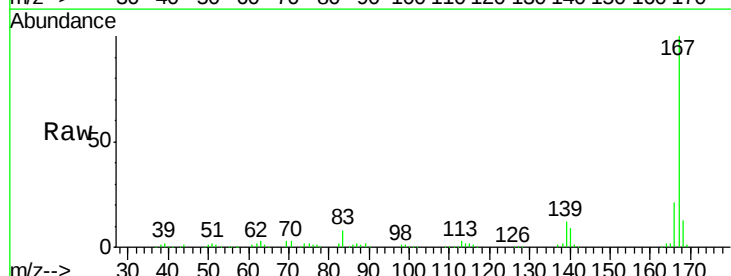
Manual Integrations  
 APPROVED

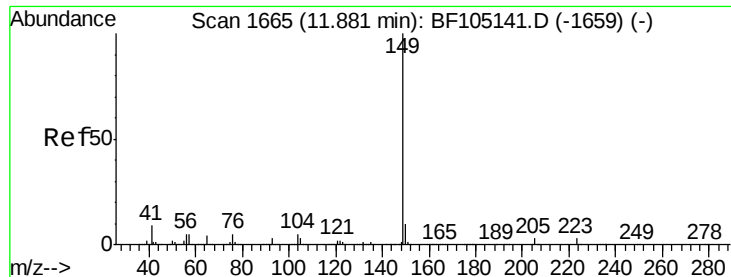
Sohil  
 5/9/2018 6:51:14 PM



#72  
 Carbazole  
 Concen: 5.794 ng  
 RT: 11.54 min Scan# 1607  
 Delta R.T. -0.01 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 17.6  | 26.4  |
| 139     | 12.4  | 10.9  | 16.3  |





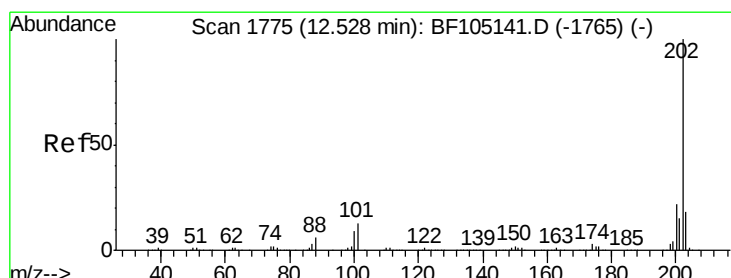
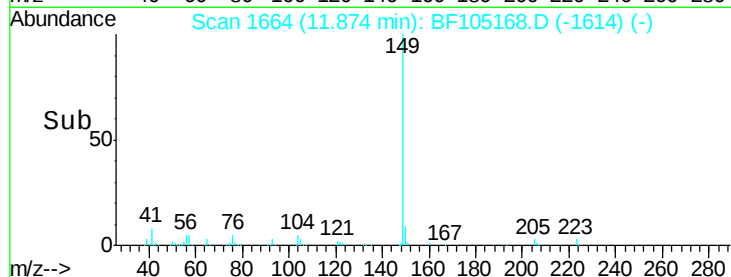
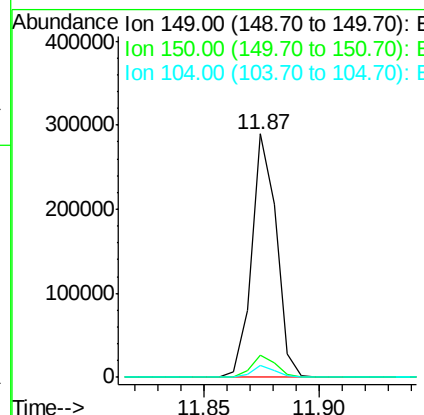
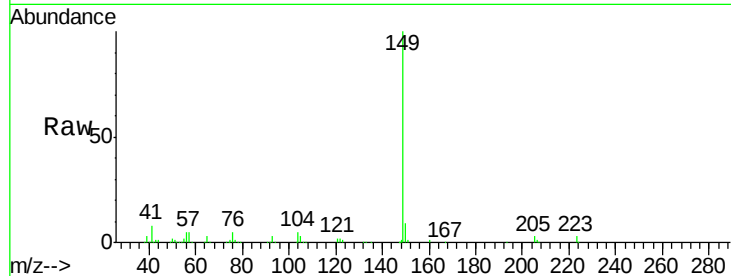
#73  
Di-n-butylphthalate  
Concen: 5.608 ng  
RT: 11.87 min Scan# 1664  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 9.0   | 7.8        | 11.6  |
| 104     | 4.9   | 3.8        | 5.8   |

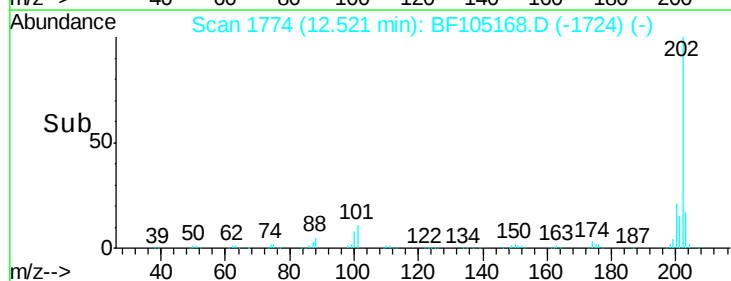
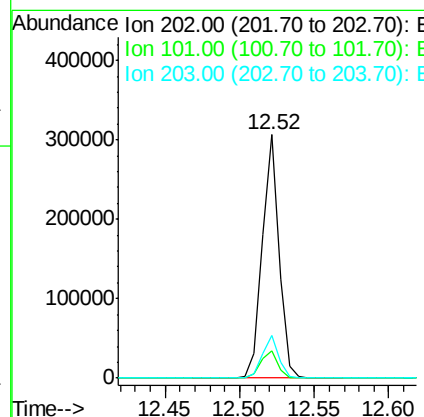
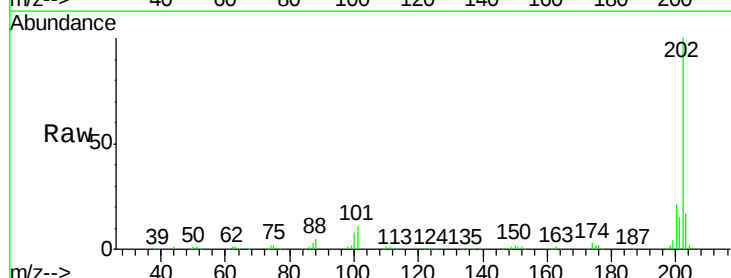
Manual Integrations  
APPROVED

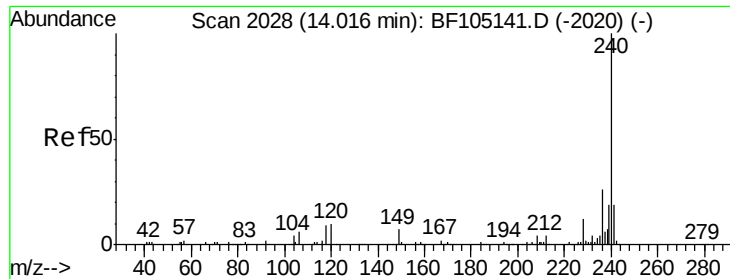
Sohil  
5/9/2018 6:51:14 PM



#74  
Fluoranthene  
Concen: 5.735 ng  
RT: 12.52 min Scan# 1774  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.3  | 0.0        | 34.1  |
| 203     | 17.4  | 0.0        | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

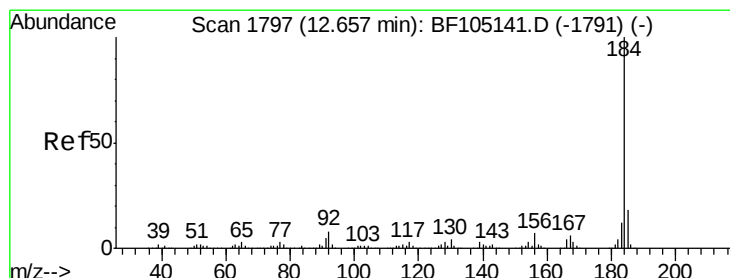
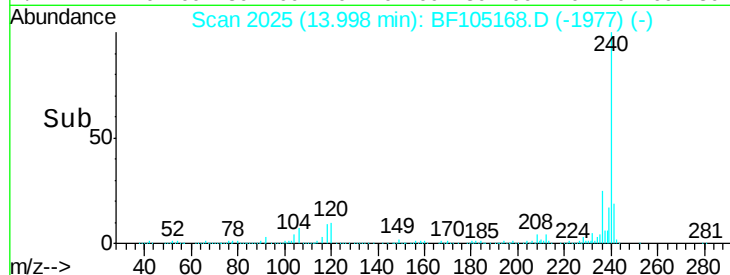
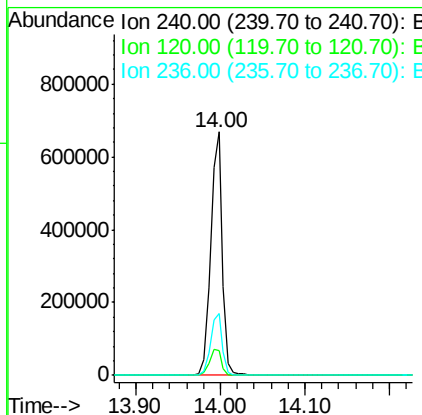
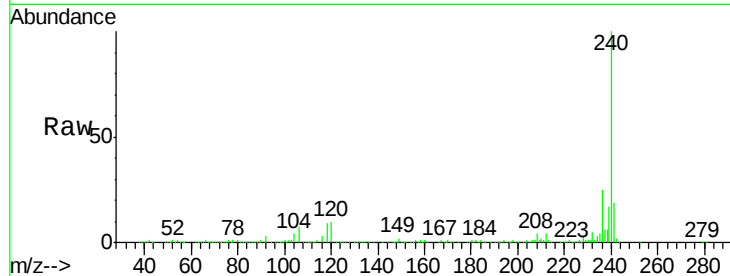
ClientSampleId :

MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.1  | 9.5   | 14.3  |
| 236     | 25.3  | 20.7  | 31.1  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#76

Benzidine

Concen: 1.781 ng

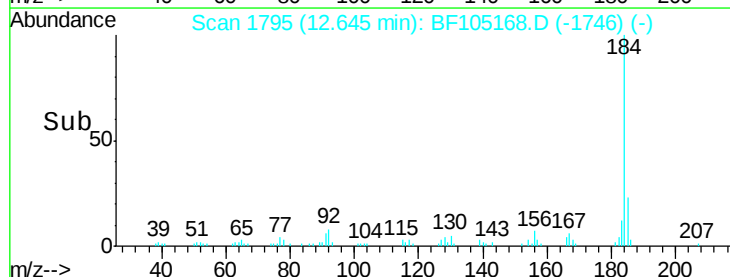
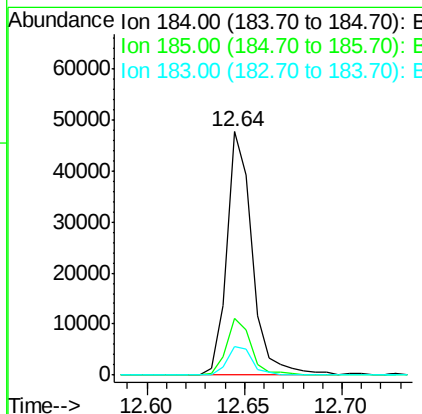
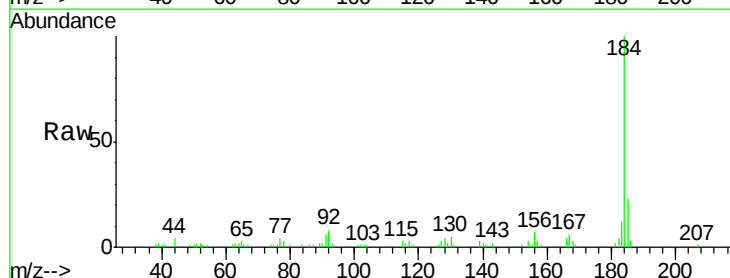
RT: 12.64 min Scan# 1795

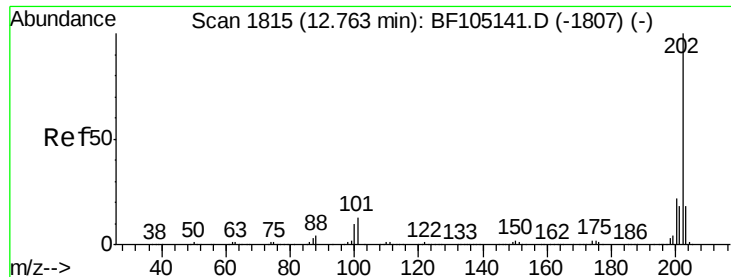
Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 23.4  | 12.6  | 18.8# |
| 183     | 11.6  | 9.3   | 13.9  |





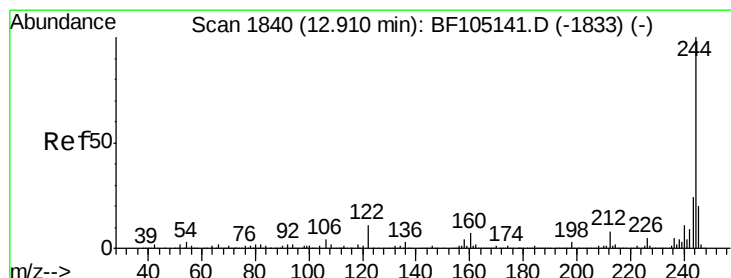
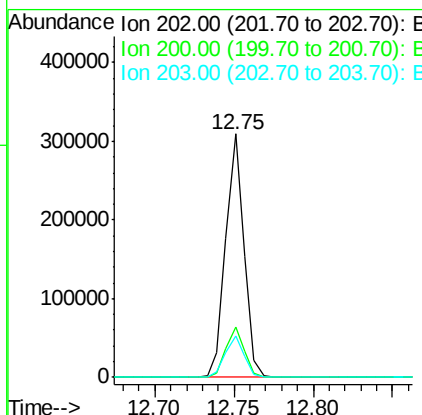
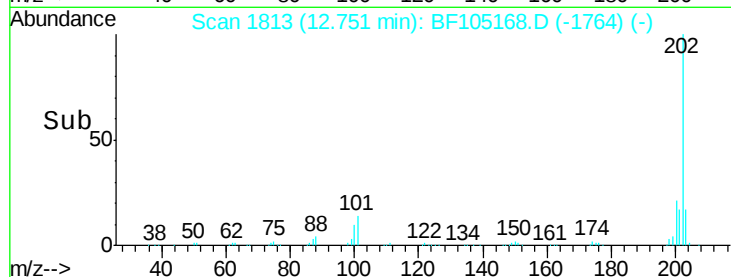
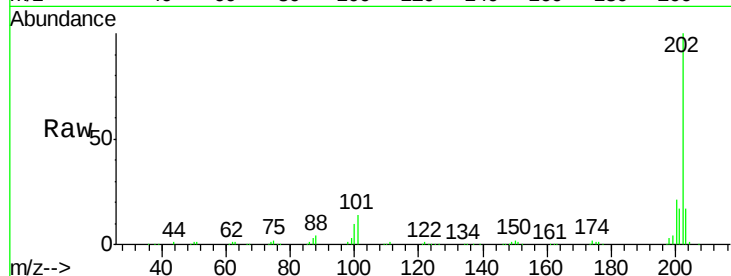
#77  
Pvrene  
Concen: 5.237 ng  
RT: 12.75 min Scan# 1813  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 20.6  | 17.4       | 26.2  |
| 203     | 16.8  | 14.3       | 21.5  |

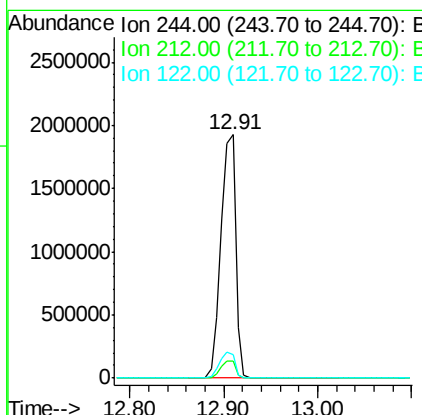
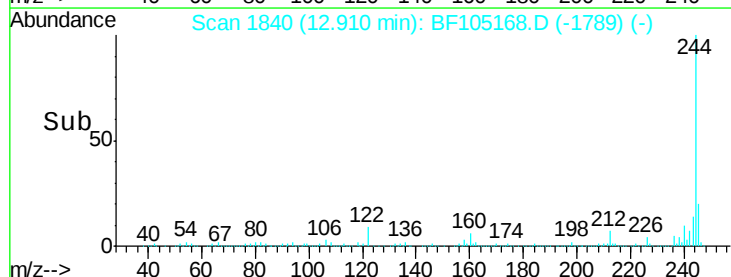
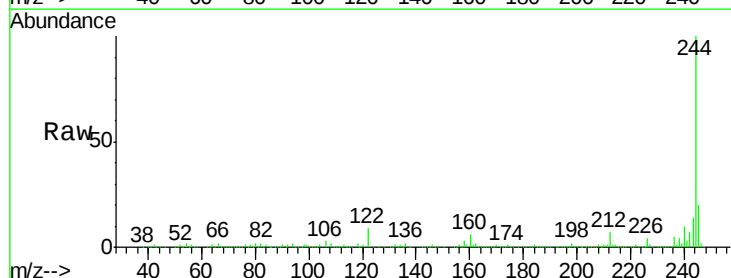
Manual Integrations  
APPROVED

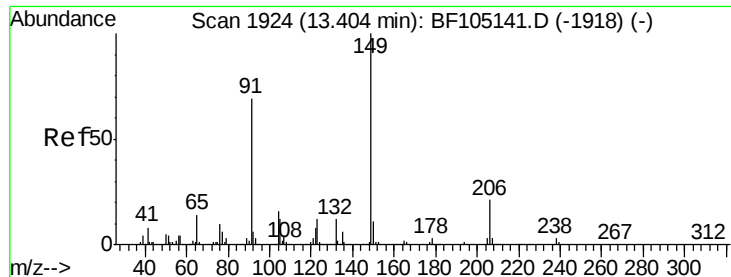
Sohil  
5/9/2018 6:51:14 PM



#78  
Terphenyl-d14  
Concen: 76.640 ng  
RT: 12.91 min Scan# 1840  
Delta R.T. -0.00 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.0   | 5.4        | 8.0   |
| 122     | 9.4   | 11.0       | 16.4# |





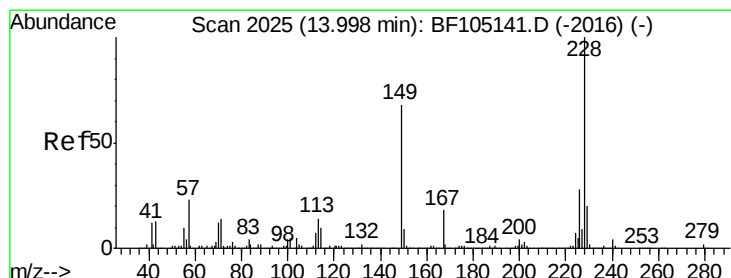
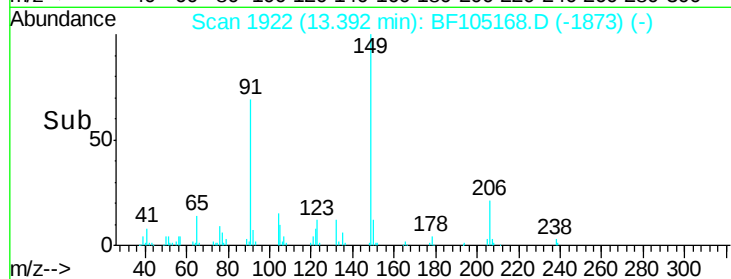
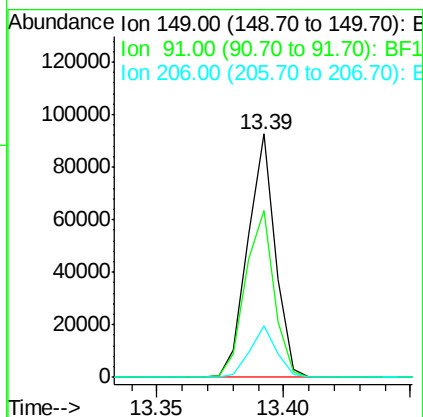
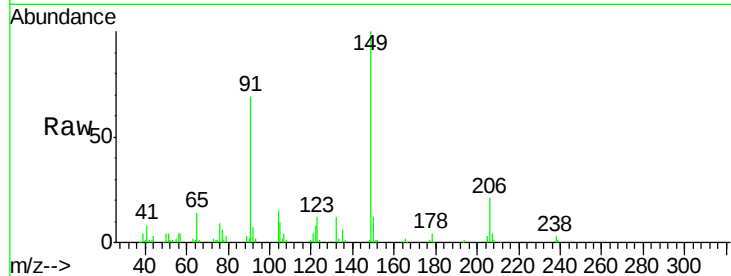
#79  
Butylbenzylphthalate  
Concen: 10.417 ng  
RT: 13.39 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.8  | 56.8  | 85.2  |
| 206     | 21.0  | 14.1  | 21.1  |

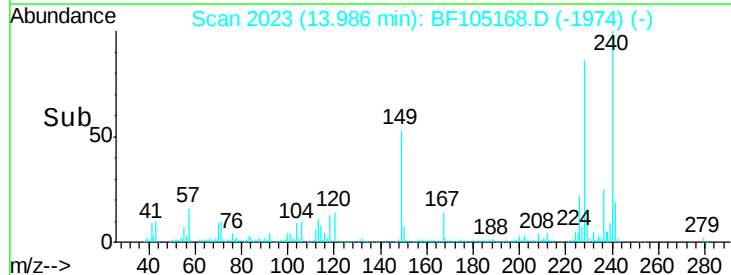
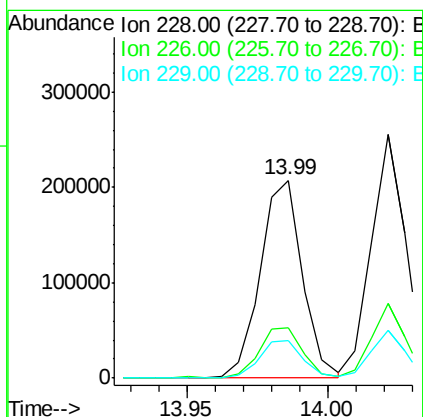
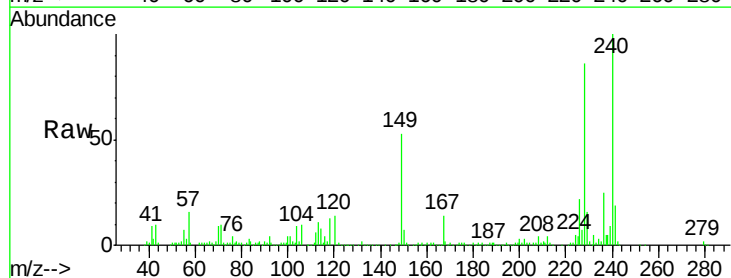
Manual Integrations  
APPROVED

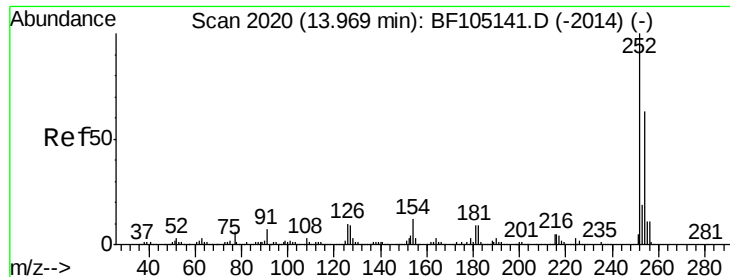
Sohil  
5/9/2018 6:51:14 PM



#80  
Benzo(a)anthracene  
Concen: 5.450 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.01 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 25.7  | 22.6  | 33.8  |
| 229     | 18.7  | 15.8  | 23.6  |





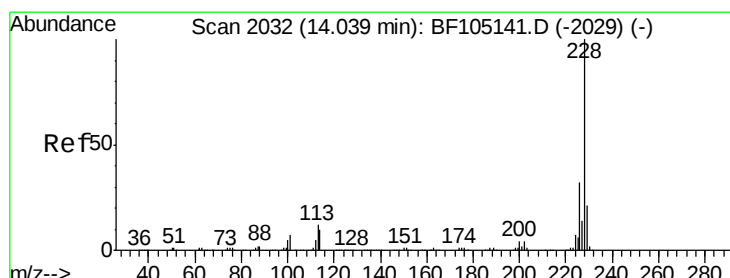
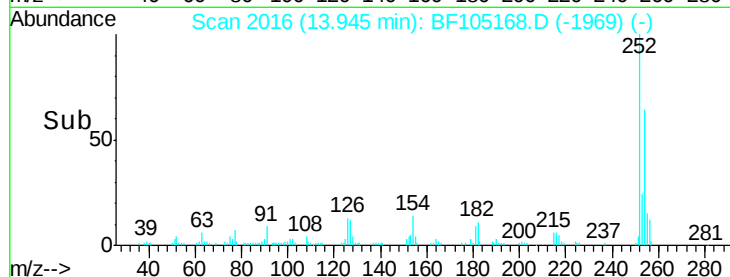
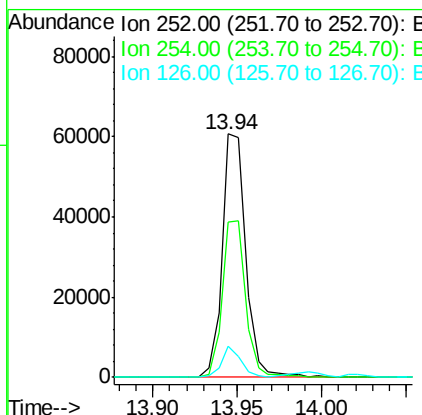
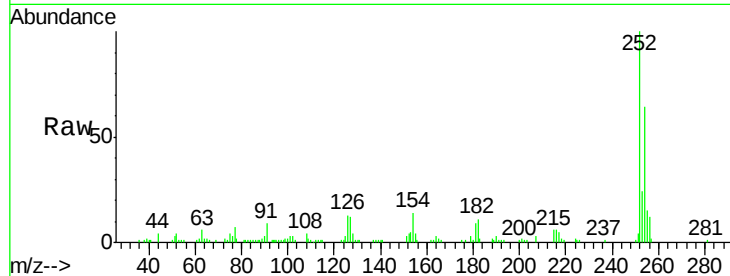
#81  
 3,3'-Dichlorobenzidine  
 Concen: 3.987 ng  
 RT: 13.94 min Scan# 2016  
 Delta R.T. -0.02 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 58948 |       |       |
| 254     | 63.6  |       | 50.4  | 75.6  |
| 126     | 12.9  |       | 11.3  | 16.9  |

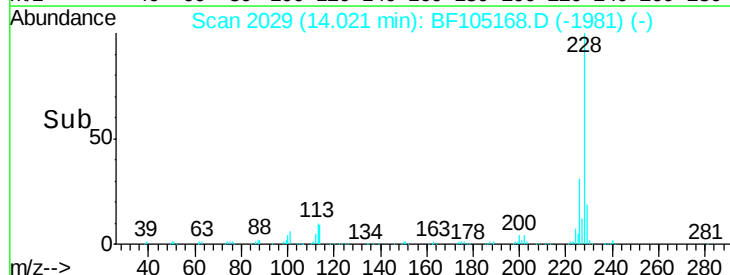
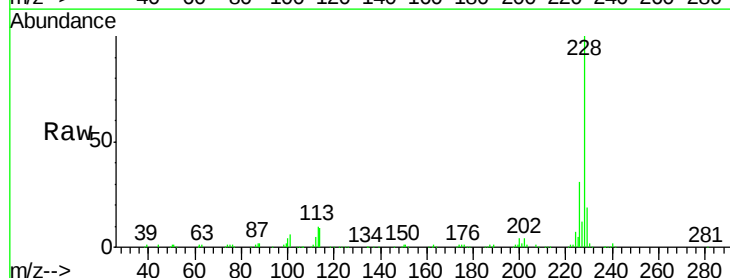
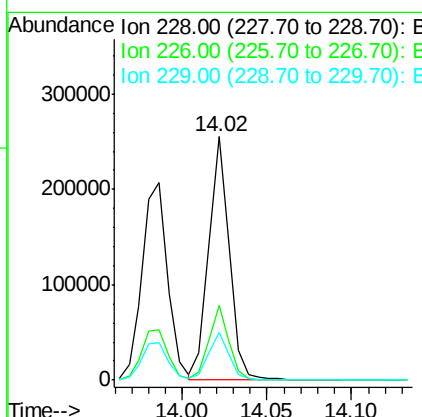
Manual Integrations  
 APPROVED

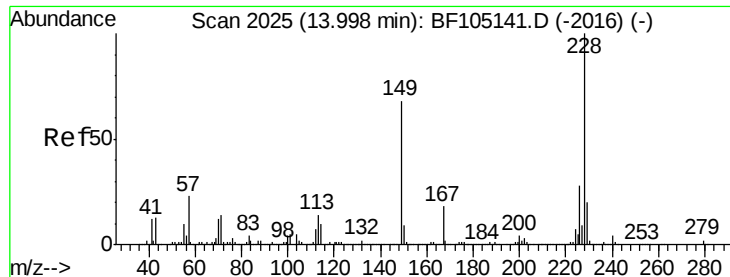
Sohil  
 5/9/2018 6:51:14 PM



#82  
 Chrysene  
 Concen: 5.446 ng  
 RT: 14.02 min Scan# 2029  
 Delta R.T. -0.02 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 220567 |       |       |
| 226     | 30.8  |        | 25.0  | 37.6  |
| 229     | 19.4  |        | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.452 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

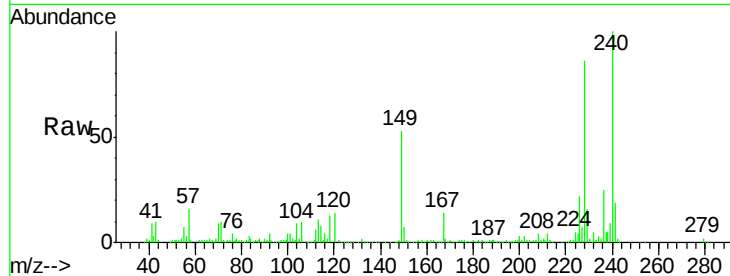
ClientSampleId :

MDL-WATER-03-QT2-2018

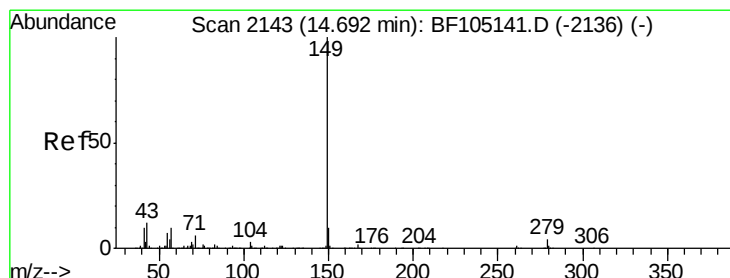
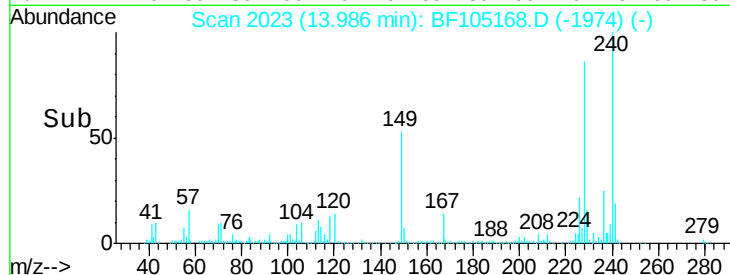
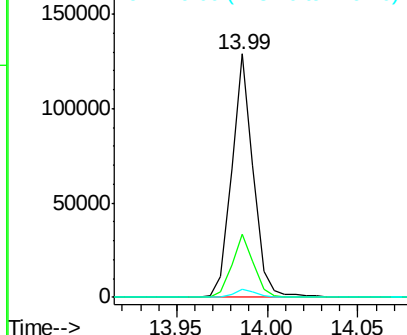
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 106321 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.9  | 21.3  | 31.9   |
| 279       | 3.5   | 3.0   | 4.4    |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 9.952 ng

RT: 14.67 min Scan# 2139

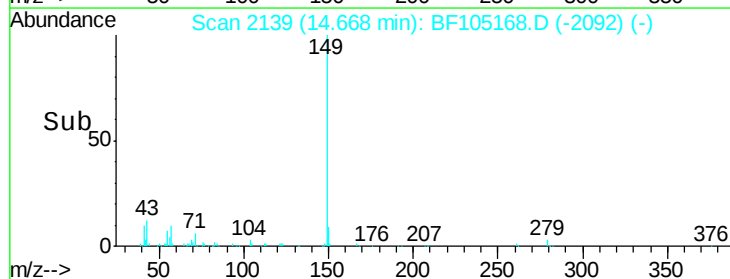
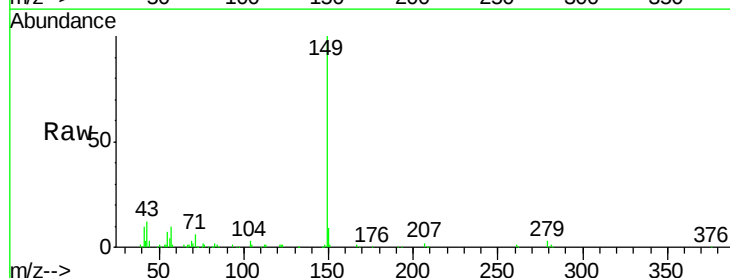
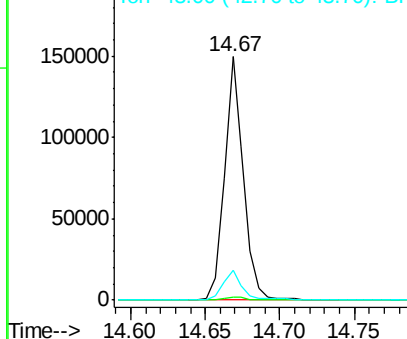
Delta R.T. -0.02 min

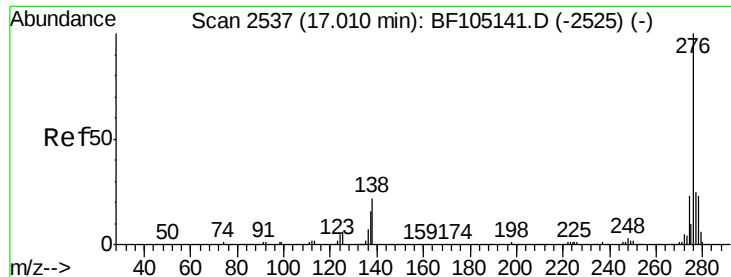
Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 133376 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.3   | 1.2   | 1.8    |
| 43        | 13.2  | 8.4   | 12.6#  |

Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.498 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

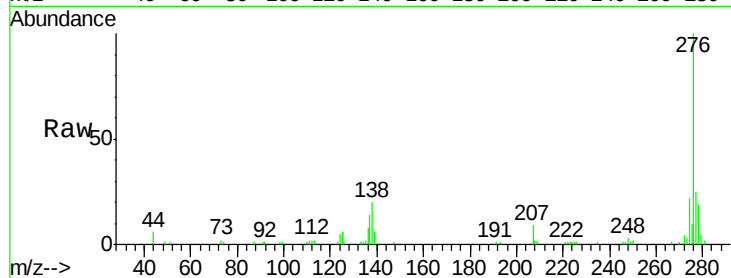
ClientSampleId :

MDL-WATER-03-QT2-2018

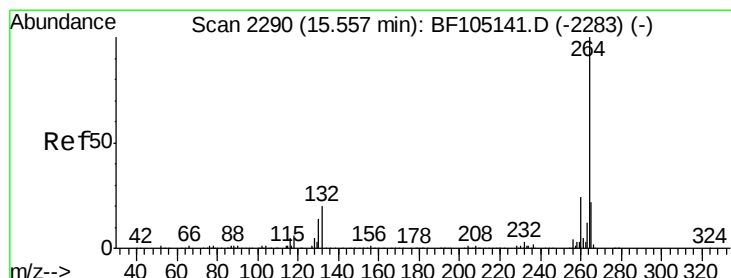
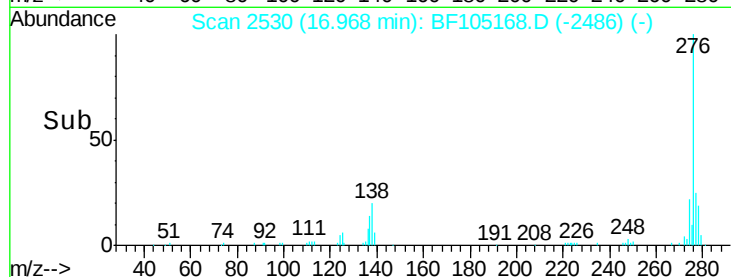
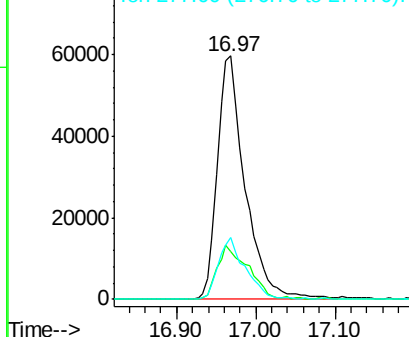
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 144362 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 24.6  | 25.0  | 37.6#  |
| 277       | 24.5  | 20.1  | 30.1   |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

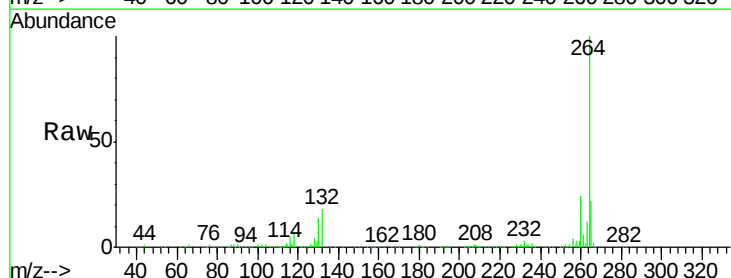
RT: 15.53 min Scan# 2286

Delta R.T. -0.02 min

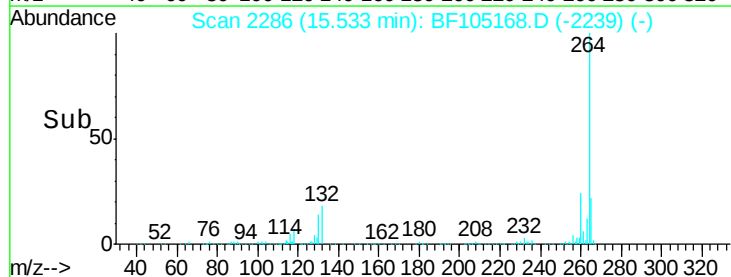
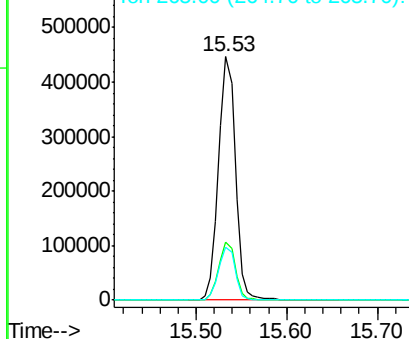
Lab File: BF105168.D

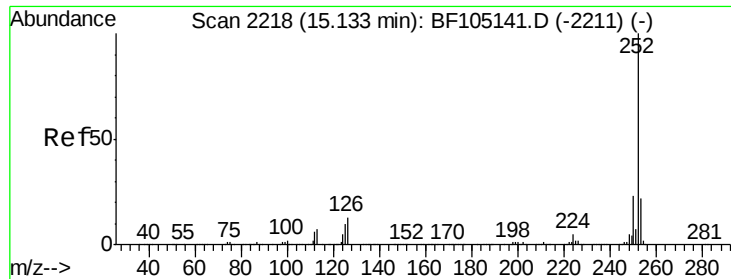
Acq: 9 May 2018 2:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 577909 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.8  | 19.2  | 28.8   |
| 265       | 21.6  | 17.5  | 26.3   |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.406 ng/mL

RT: 15.10 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

Instrument :

BNA\_F

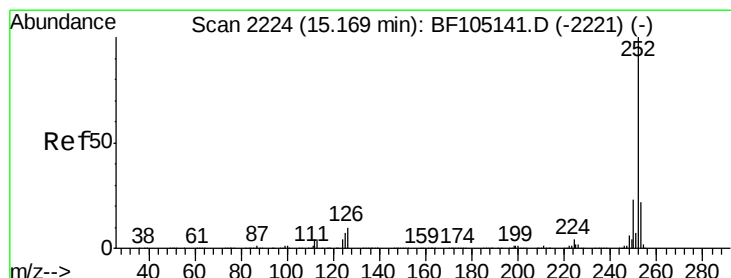
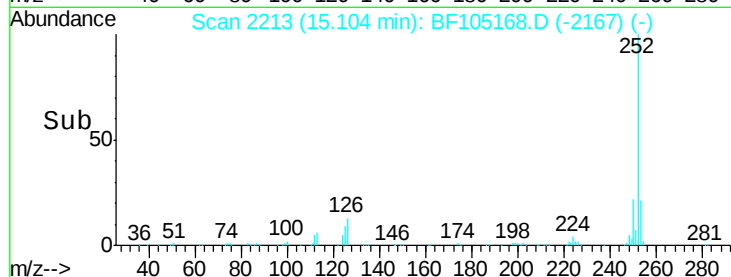
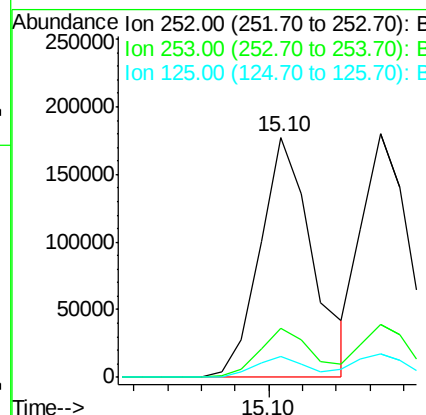
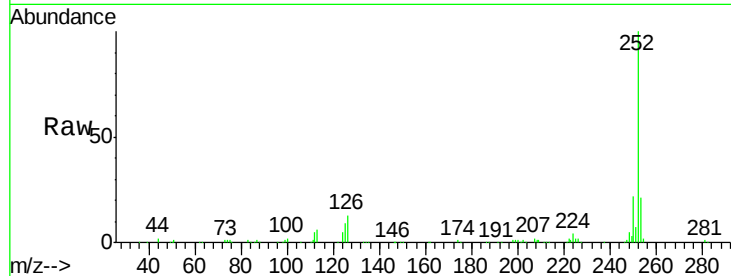
ClientSampleId :

MDL-WATER-03-QT2-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 191138 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.7  | 17.0  | 25.6   |
| 125       | 8.8   | 9.0   | 13.6#  |

Manual Integrations  
APPROVED

Sohil  
5/9/2018 6:51:14 PM



#88

Benzo(k)fluoranthene

Concen: 5.254 ng/mL

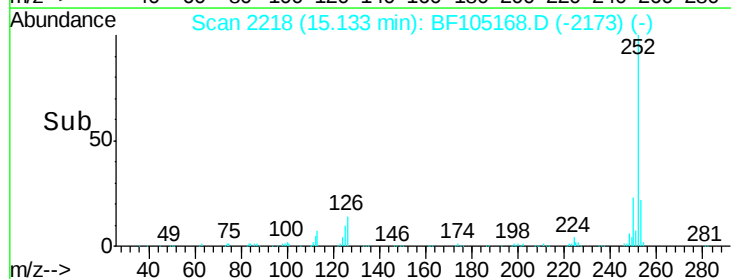
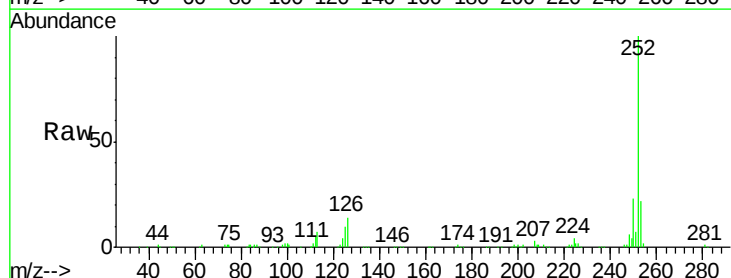
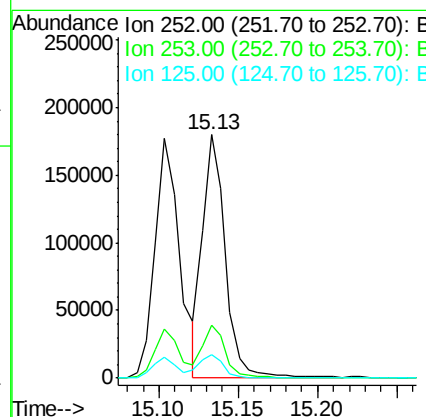
RT: 15.13 min Scan# 2218

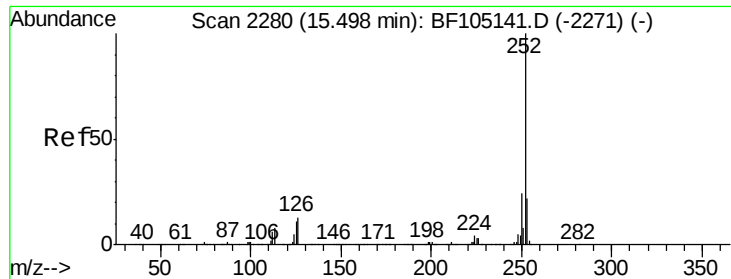
Delta R.T. -0.04 min

Lab File: BF105168.D

Acq: 9 May 2018 2:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 180109 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.9  | 26.9   |
| 125       | 9.8   | 10.2  | 15.2#  |





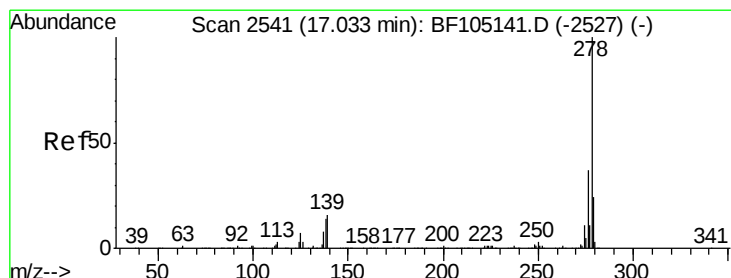
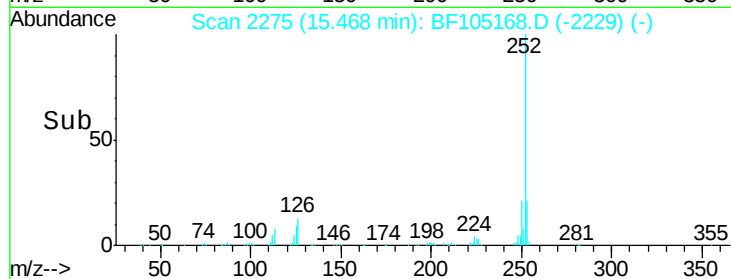
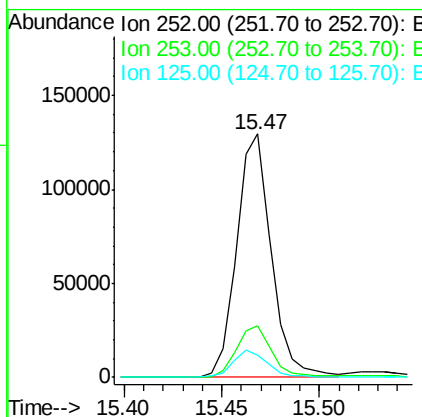
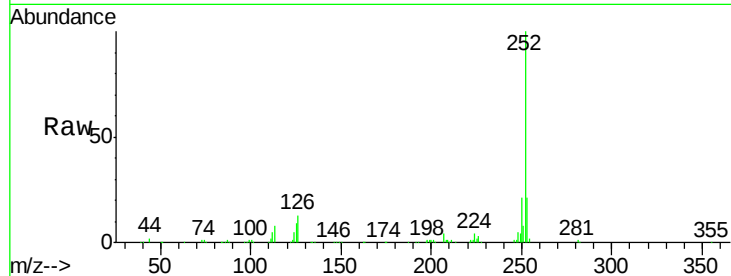
#89  
Benzo(a)pyrene  
Concen: 4.961 ng  
RT: 15.47 min Scan# 2275  
Delta R.T. -0.03 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.3  | 17.1       | 25.7  |
| 125     | 9.2   | 9.8        | 14.6  |

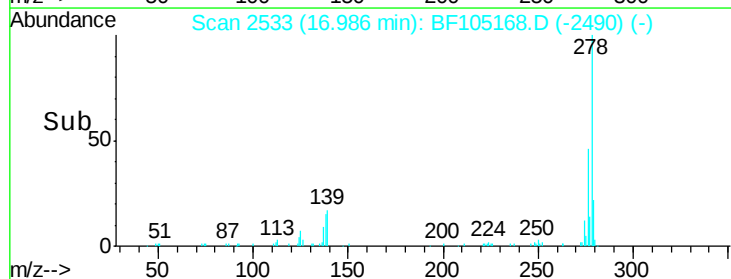
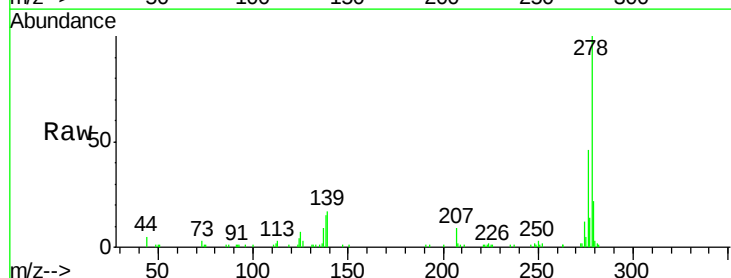
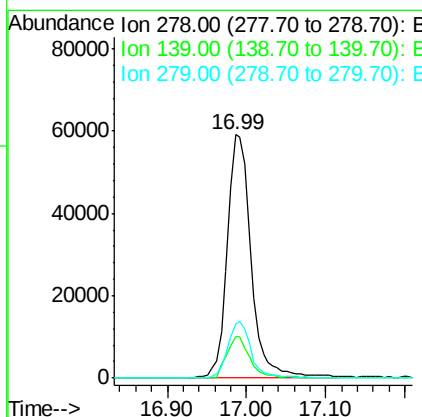
Manual Integrations  
APPROVED

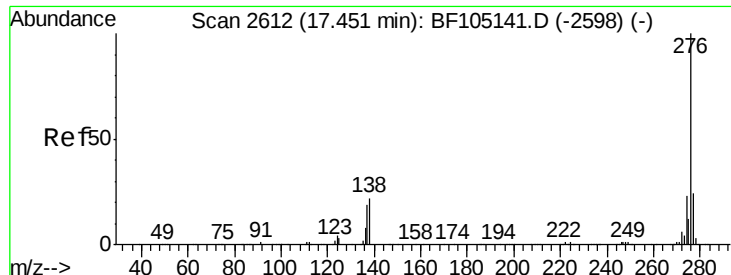
Sohil  
5/9/2018 6:51:14 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 4.953 ng  
RT: 16.99 min Scan# 2533  
Delta R.T. -0.05 min  
Lab File: BF105168.D  
Acq: 9 May 2018 2:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 278     | 100   |            |       |
| 139     | 17.1  | 15.9       | 23.9  |
| 279     | 22.2  | 19.0       | 28.4  |





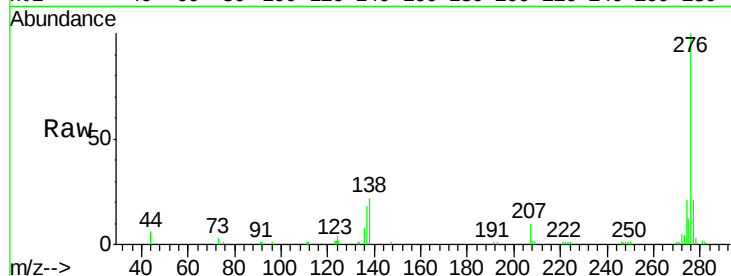
#91  
 Benzo(a,h,i)perylene  
 Concen: 4.922 ng  
 RT: 17.40 min Scan# 2603  
 Delta R.T. -0.05 min  
 Lab File: BF105168.D  
 Acq: 9 May 2018 2:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.5  | 17.9  | 26.9  |
| 138     | 22.5  | 21.8  | 32.8  |

Manual Integrations  
 APPROVED

Sohil  
 5/9/2018 6:51:14 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

