

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\  
 Data File : BF104191.D  
 Acq On : 3 Apr 2018 20:38  
 Operator : JU/SJ  
 Sample : J2182-22MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

Manual Integrations  
 APPROVED

Sohil  
 4/4/2018 4:09:48 PM

Quant Time: Apr 04 01:32:13 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 03 15:22:43 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 114308   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 485496   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.00 | 164  | 242619   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 462855   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 339187   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 275916   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 802964  | 112.02 | ng | 0.01 |
| 7) Phenol-d6             | 6.60  | 99  | 985774  | 111.78 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 613097  | 77.23  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 305010  | 112.90 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 1134670 | 73.75  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 1238593 | 84.31  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.84 | 88  | 92007  | 29.762 | ng | # 83   |
| 3) Pyridine                    | 3.65 | 79  | 207912 | 26.566 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.61 | 42  | 57860  | 24.873 | ng | 80     |
| 6) Aniline                     | 6.63 | 93  | 216679 | 20.525 | ng | # 80   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 309674 | 39.385 | ng | 95     |
| 9) Benzaldehyde                | 6.52 | 77  | 69375  | 12.113 | ng | 92     |
| 10) Phenol                     | 6.62 | 94  | 409554 | 41.916 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 238142 | 28.284 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 299726 | 33.912 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 341835 | 36.095 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 300338 | 35.283 | ng | 99     |
| 15) Benzyl Alcohol             | 7.10 | 79  | 216292 | 37.723 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 329388 | 35.909 | ng | 62     |
| 17) 2-Methylphenol             | 7.22 | 107 | 239583 | 37.438 | ng | # 86   |
| 18) Hexachloroethane           | 7.46 | 117 | 111559 | 35.183 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 197213 | 37.683 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 321353 | 39.347 | ng | # 61   |
| 22) Acetophenone               | 7.37 | 105 | 424862 | 36.169 | ng | # 98   |
| 24) Nitrobenzene               | 7.55 | 77  | 283379 | 33.926 | ng | 98     |
| 25) Isophorone                 | 7.77 | 82  | 560468 | 38.309 | ng | 99     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 170435 | 39.090 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 262386 | 41.727 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 364807 | 39.785 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 261500 | 39.814 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 265890 | 35.679 | ng | 98     |
| 31) Naphthalene                | 8.26 | 128 | 915441 | 38.597 | ng | 99     |
| 32) Benzoic acid               | 8.00 | 122 | 36856  | 8.001  | ng | # 75   |
| 33) 4-Chloroaniline            | 8.33 | 127 | 109430 | 10.944 | ng | 93     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 139306 | 34.352 | ng | 99     |
| 35) Caprolactam                | 8.69 | 113 | 80724m | 38.761 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 286307 | 41.212 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 574597 | 36.778 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 262939 | 35.341 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 134891 | 41.311 | ng | 98     |

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 BNA\_F  
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 ES-8-WATER-LATERAL-1-NW@3.5

Manual Integrations  
 APPROVED

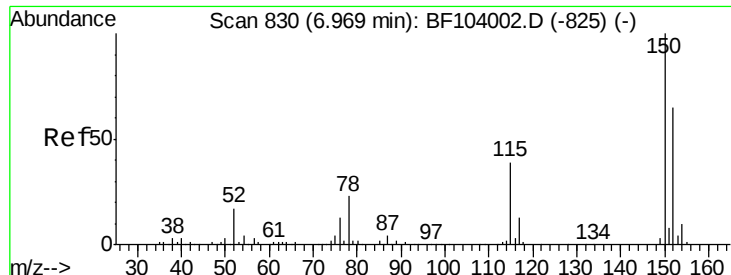
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 4/4/2018 4:09:48 PM

Quant Time: Apr 04 01:32:13 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 168792   | 35.828 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 196430   | 34.532 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 723326   | 34.736 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 570957   | 34.760 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 167163   | 35.690 | nq    | 94       |
| 48) Acenaphthylene             | 9.86  | 152  | 841560   | 33.819 | nq    | 100      |
| 49) Dimethylphthalate          | 9.72  | 163  | 820290   | 42.823 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 149720   | 36.330 | nq    | 86       |
| 51) Acenaphthene               | 10.03 | 154  | 480716   | 33.394 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.97  | 138  | 95398    | 20.137 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 57595    | 35.355 | nq #  | 33       |
| 54) Dibenzofuran               | 10.21 | 168  | 744870   | 35.434 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.15 | 139  | 176502   | 62.136 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 196706   | 37.406 | nq #  | 98       |
| 57) Fluorene                   | 10.56 | 166  | 613077   | 35.355 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 165108   | 38.742 | nq #  | 87       |
| 59) Diethylphthalate           | 10.42 | 149  | 651488   | 35.502 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 286382   | 35.958 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 152728   | 34.454 | nq    | 92       |
| 62) Azobenzene                 | 10.70 | 77   | 581426   | 35.040 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198  | 74545    | 26.606 | nq #  | 76       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 555214   | 35.420 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 171589   | 34.651 | nq #  | 89       |
| 67) Hexachlorobenzene          | 11.10 | 284  | 192014   | 33.709 | nq #  | 89       |
| 68) Atrazine                   | 11.19 | 200  | 181982   | 37.895 | nq    | 97       |
| 69) Pentachlorophenol          | 11.30 | 266  | 171464   | 54.702 | nq    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 858040   | 34.240 | nq    | 99       |
| 71) Anthracene                 | 11.57 | 178  | 989019   | 37.784 | nq    | 98       |
| 72) Carbazole                  | 11.73 | 167  | 912212   | 36.514 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 1030441  | 34.627 | nq    | 99       |
| 74) Fluoranthene               | 12.72 | 202  | 936739   | 35.167 | nq    | 99       |
| 76) Benzidine                  | 12.84 | 184  | 322949   | 33.411 | nq    | 97       |
| 77) Pyrene                     | 12.95 | 202  | 918566   | 37.673 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.54 | 149  | 430555   | 37.481 | nq    | 98       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 725502   | 34.184 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 180480   | 25.691 | nq    | 95       |
| 82) Chrysene                   | 14.18 | 228  | 775485   | 37.305 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 572133   | 38.547 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 952258   | 37.297 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 599457   | 27.829 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 556336   | 33.131 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 681367   | 43.075 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 571854   | 36.749 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 17.30 | 278  | 497198   | 34.558 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.77 | 276  | 493116   | 34.219 | nq    | 95       |

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





#1

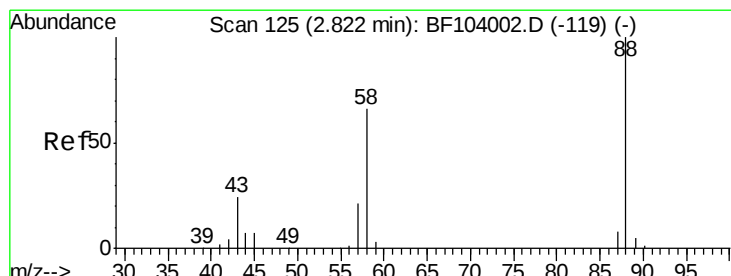
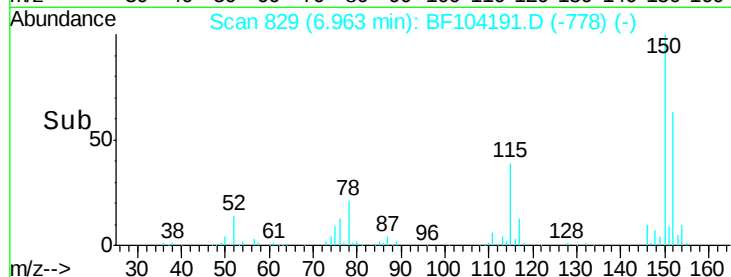
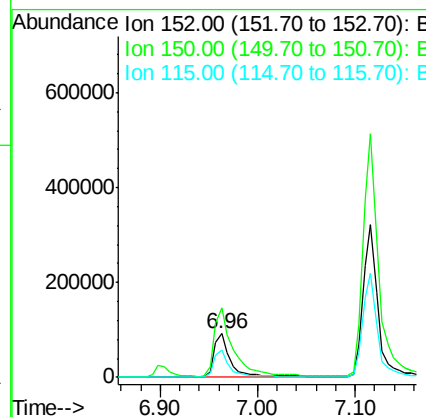
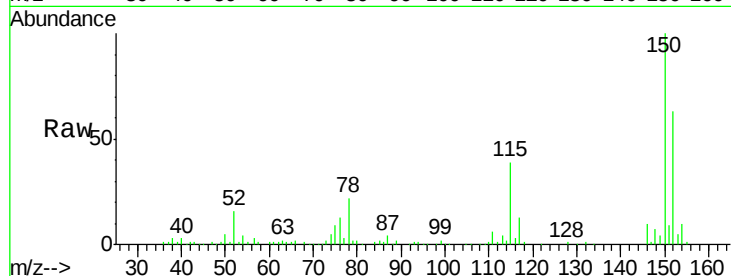
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 829  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.8 | 124.6 | 186.8 |
| 115     | 61.5  | 50.1  | 75.1  |

Manual Integrations  
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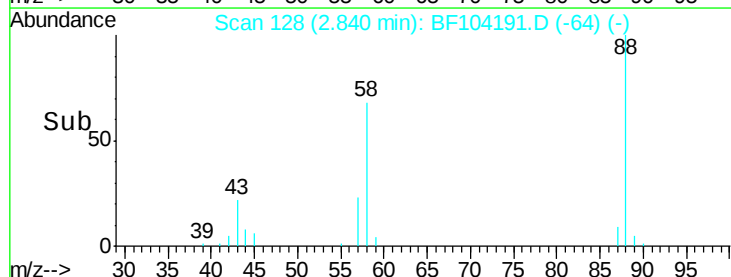
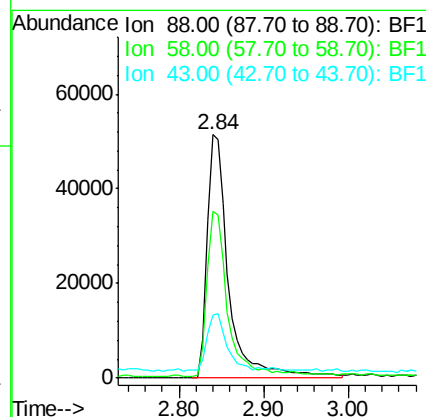
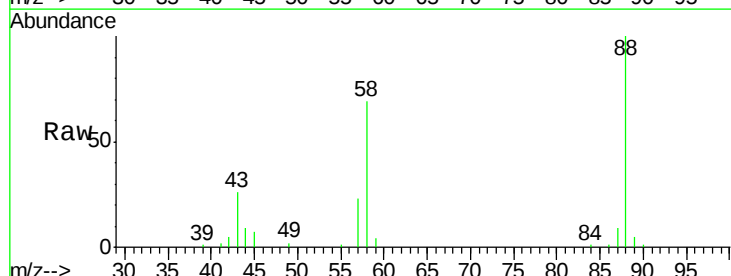
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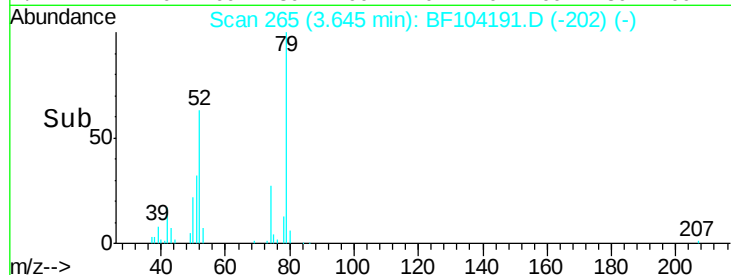
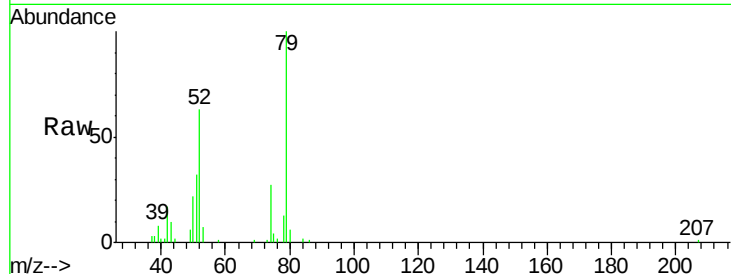
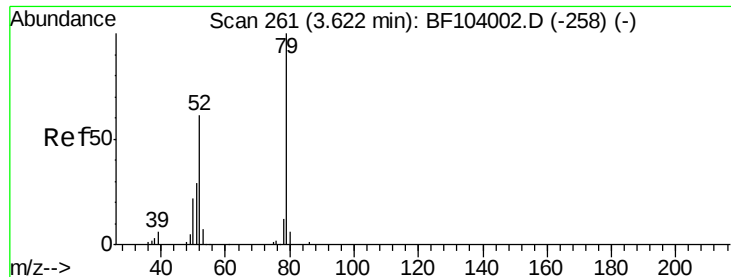


#2

1,4-Dioxane  
Concen: 29.762 ng  
RT: 2.84 min Scan# 128  
Delta R.T. 0.08 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.2  | 62.6  | 93.8  |
| 43      | 21.6  | 24.6  | 37.0  |





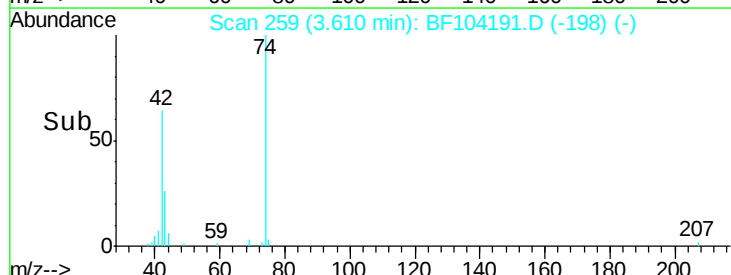
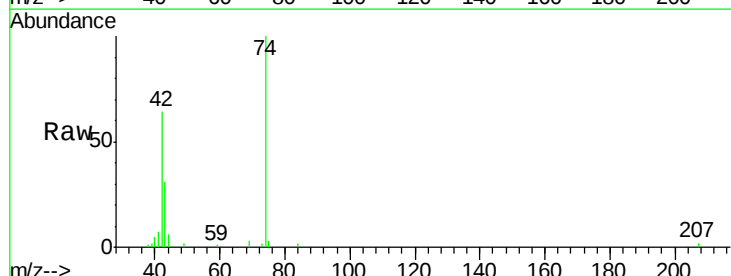
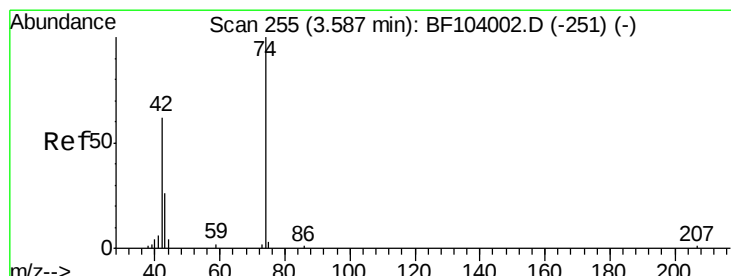
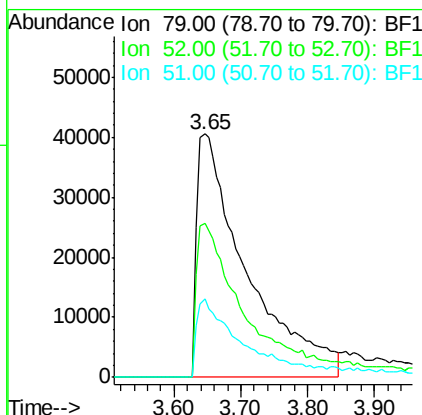
#3  
 Pvridine  
 Concen: 26.566 ng  
 RT: 3.65 min Scan# 265  
 Delta R.T. 0.07 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 207912 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 63.1  | 59.8  | 89.6   |
| 51        | 32.2  | 29.8  | 44.8   |

Instrument :  
 BNA\_F  
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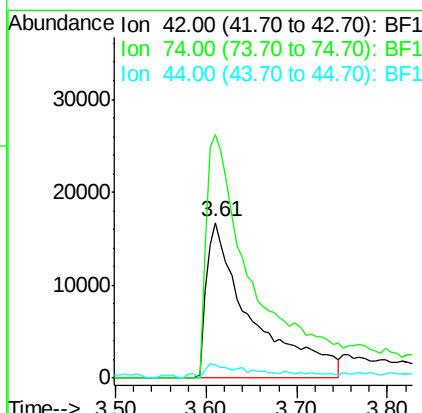
Manual Integrations  
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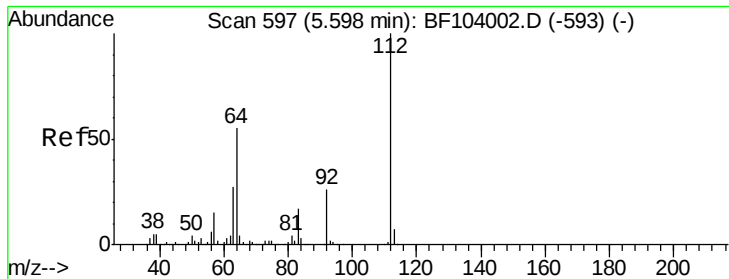
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#4  
 n-Nitrosodimethylamine  
 Concen: 24.873 ng  
 RT: 3.61 min Scan# 259  
 Delta R.T. 0.06 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 57860 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 156.2 | 104.9 | 157.3 |
| 44        | 8.6   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 112.024 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

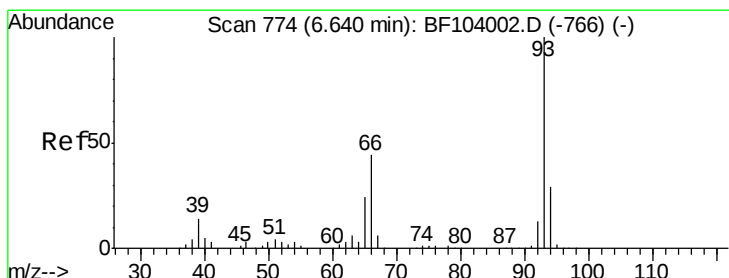
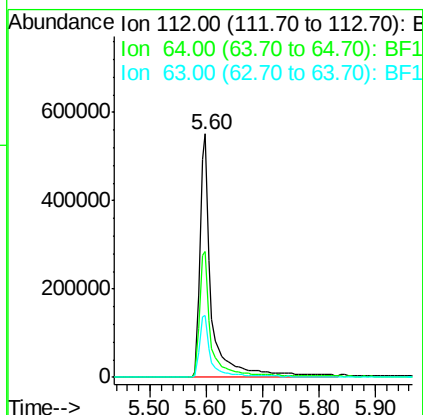
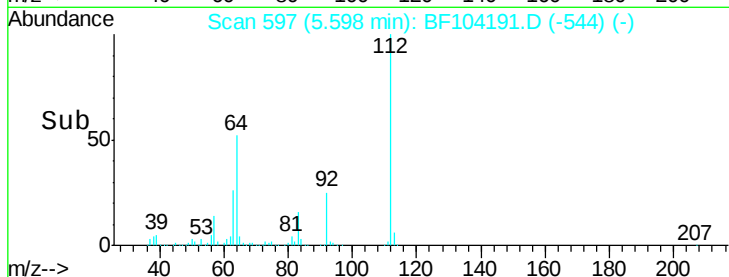
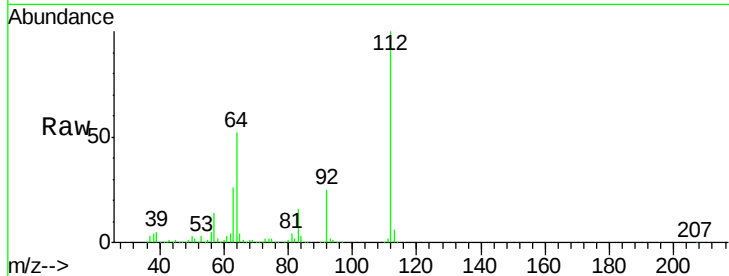
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 802964 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 51.7  | 47.9  | 71.9   |
| 63        | 25.7  | 23.7  | 35.5   |

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#6

Aniline

Concen: 20.525 ng

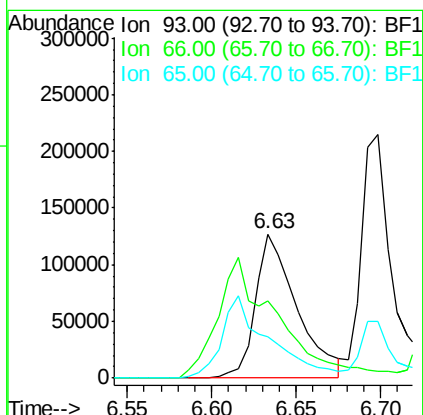
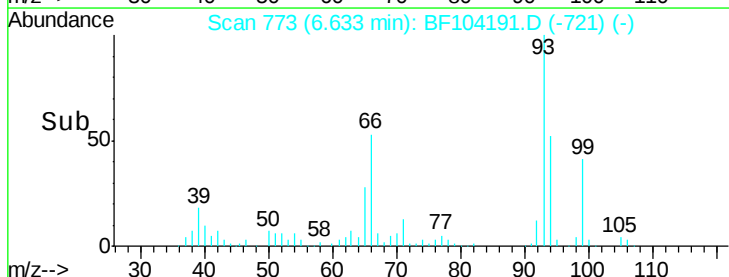
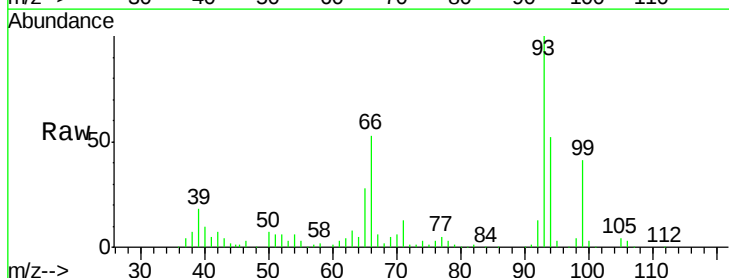
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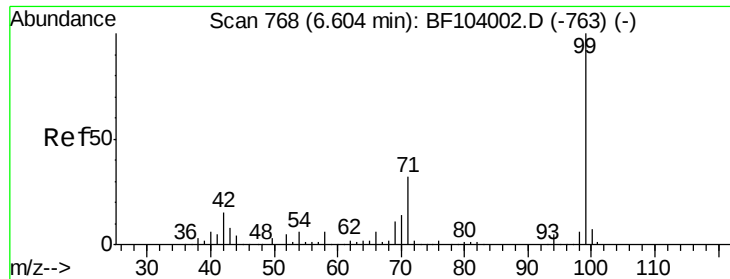
Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 216679 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 53.4  | 32.2  | 48.2#  |
| 65        | 28.4  | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 111.784 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

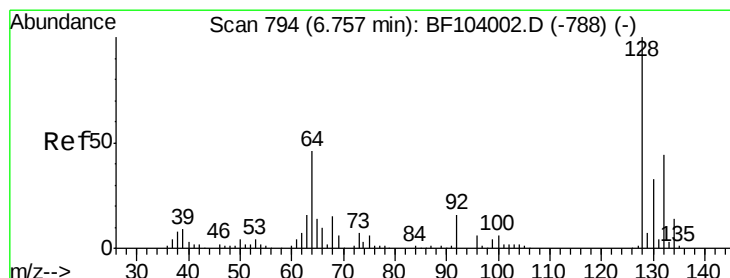
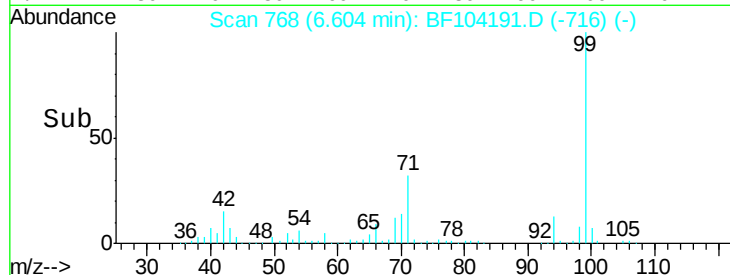
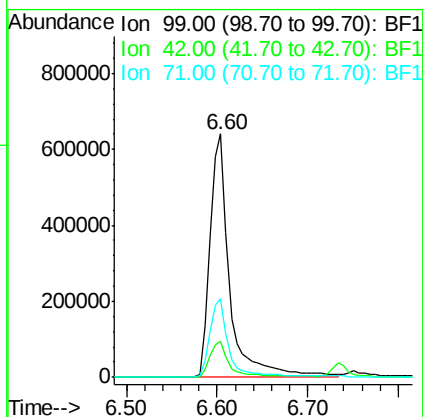
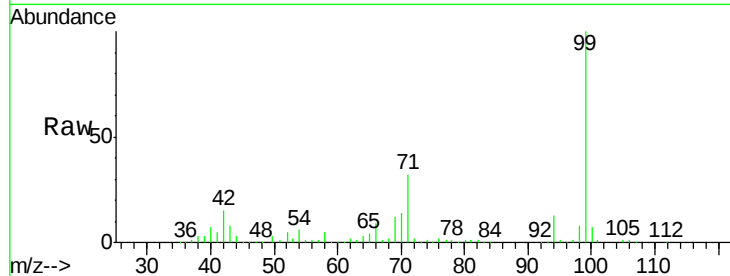
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 985774 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.0  | 14.5  | 21.7   |
| 71        | 32.4  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.385 ng

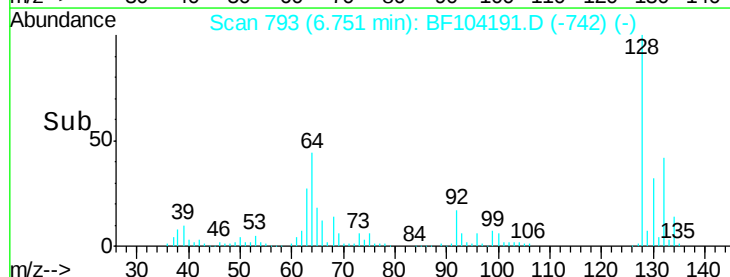
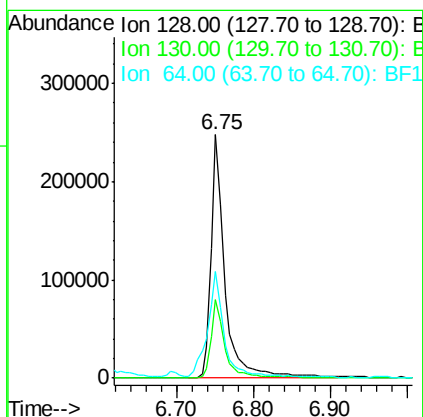
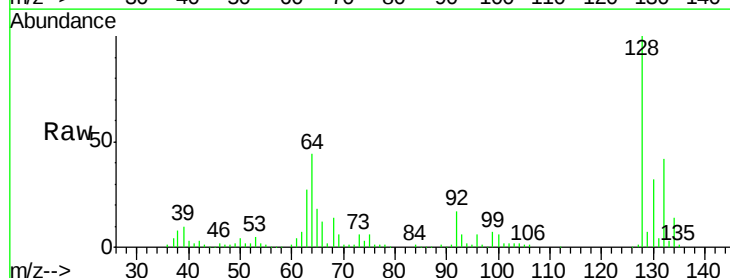
RT: 6.75 min Scan# 793

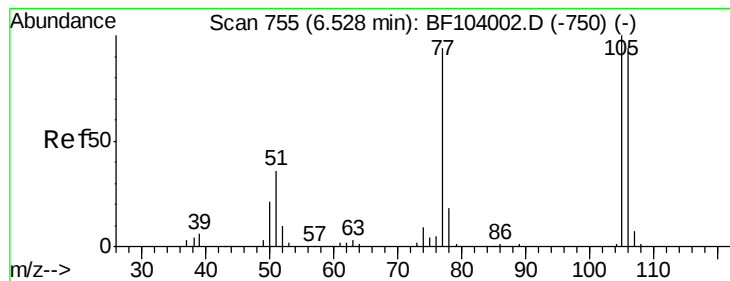
Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 309674 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.3  | 13.0  | 53.0   |
| 64        | 44.0  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 12.113 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

Tot Ion: 77 Resp: 69375

Ion Ratio Lower Upper

77 100

105 108.4 81.1 121.1

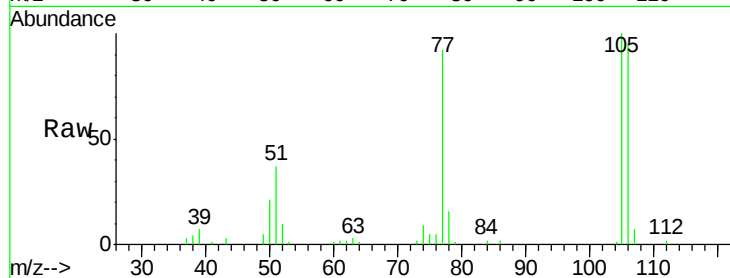
106 102.7 74.5 114.5

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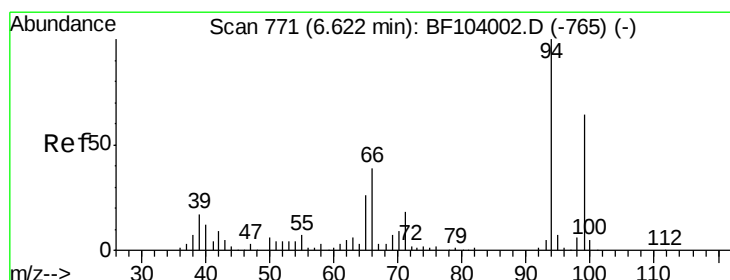
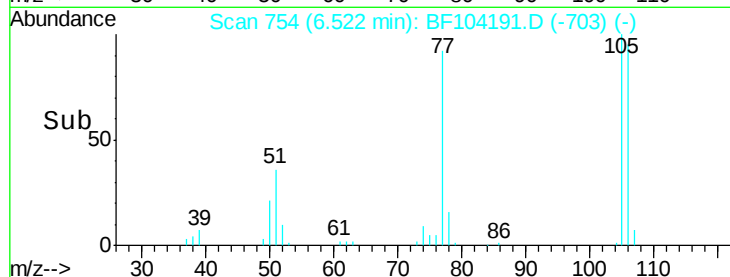
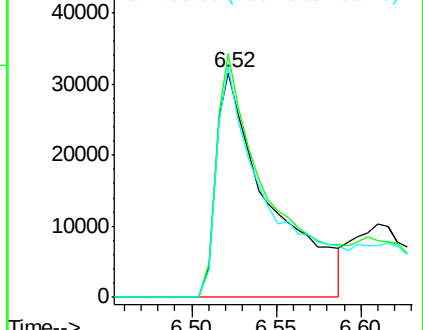
4/4/2018 4:09:48 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.916 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

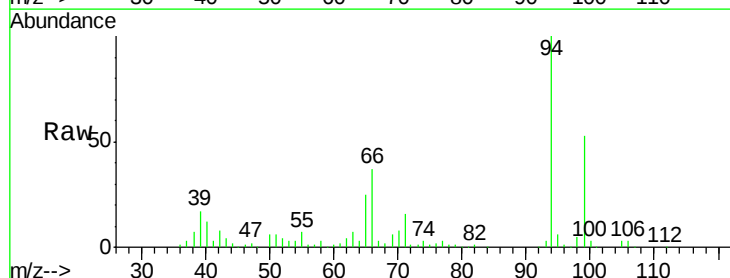
Tgt Ion: 94 Resp: 409554

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

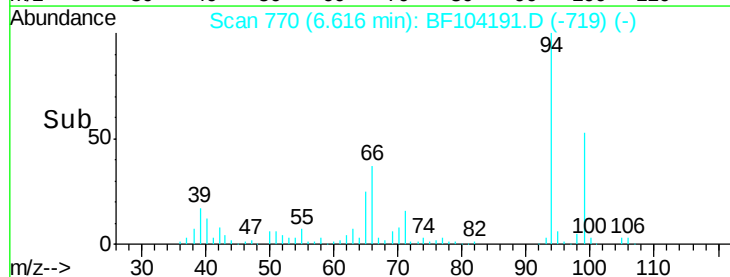
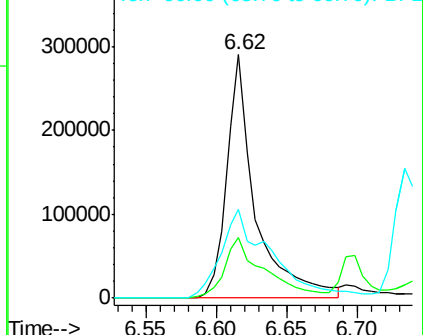
66 36.5 16.2 56.2

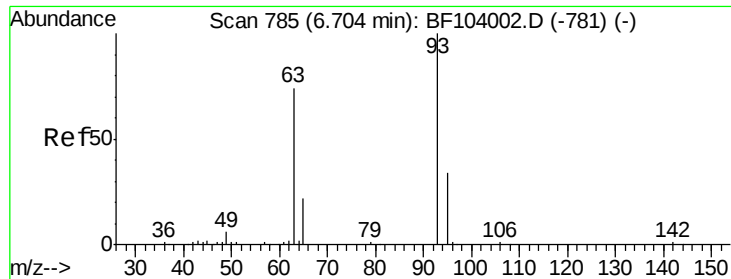


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





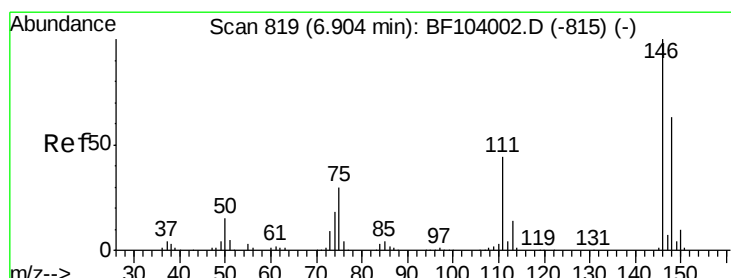
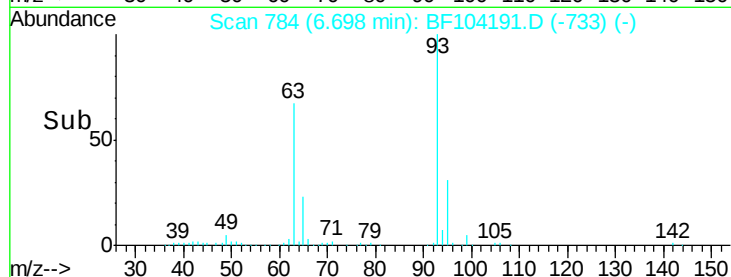
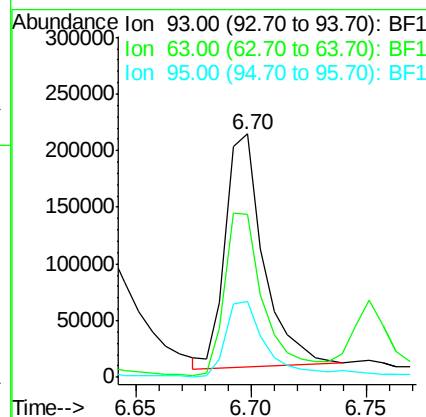
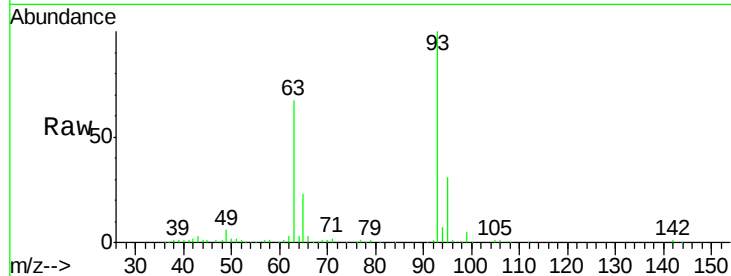
#11  
bis(2-Chloroethyl)ether  
Concen: 28.284 ng  
RT: 6.70 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 238142 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 67.2  | 58.6  | 98.6   |
| 95       | 31.1  | 11.8  | 51.8   |

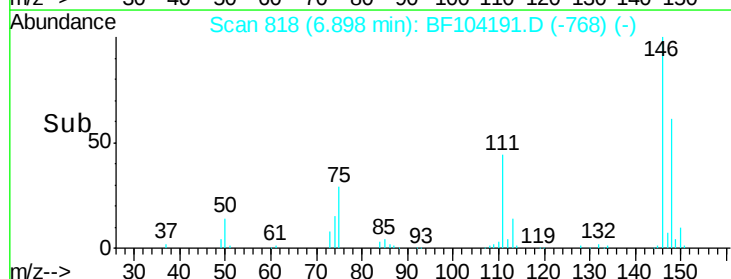
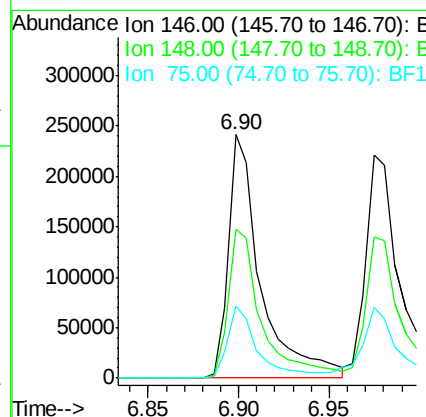
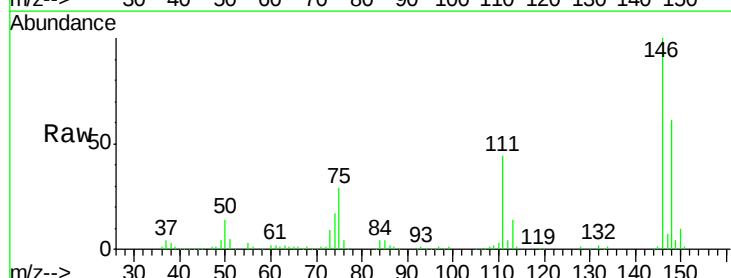
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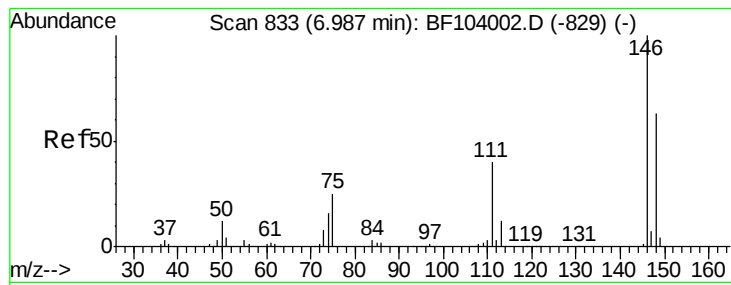
Sohil  
4/4/2018 4:09:48 PM



#12  
1,3-Dichlorobenzene  
Concen: 33.912 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 299726 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 61.3  | 51.8  | 77.8   |
| 75       | 29.4  | 24.2  | 36.4   |





#13

1,4-Dichlorobenzene

Concen: 36.095 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

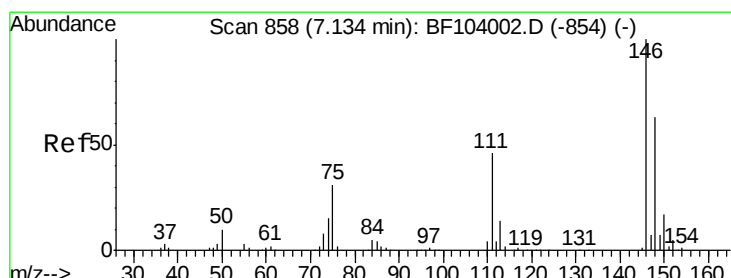
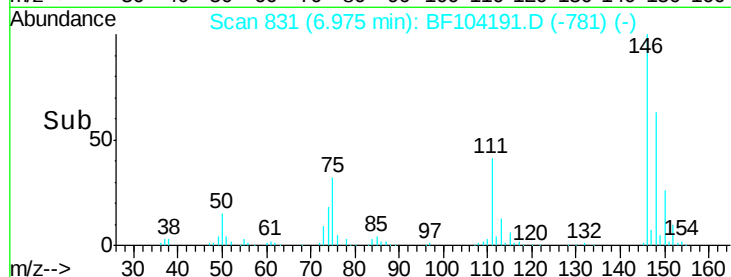
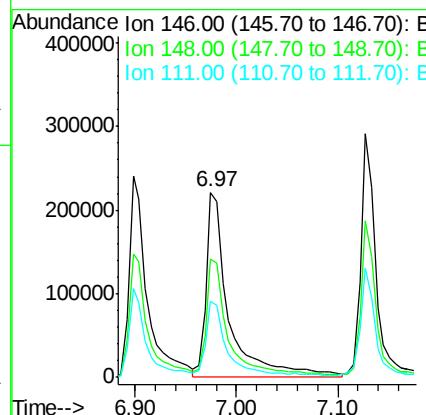
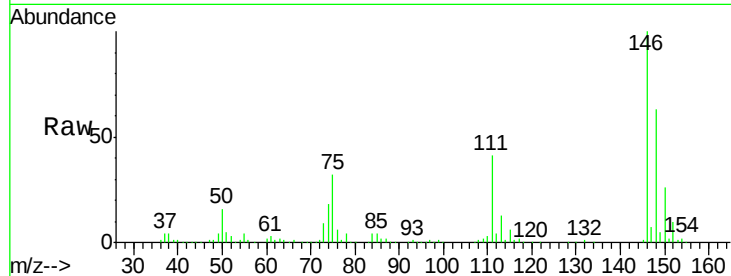
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 341835 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 50.8  | 76.2   |
| 111       | 41.2  | 34.2  | 51.2   |

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#14

1,2-Dichlorobenzene

Concen: 35.283 ng

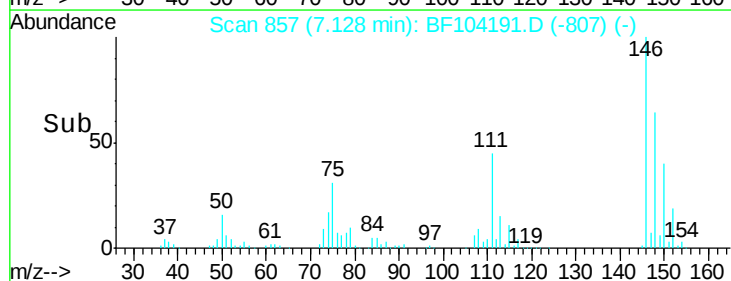
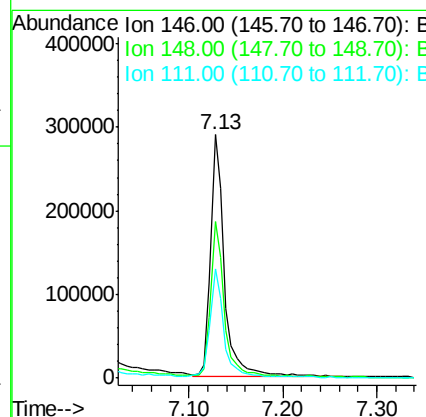
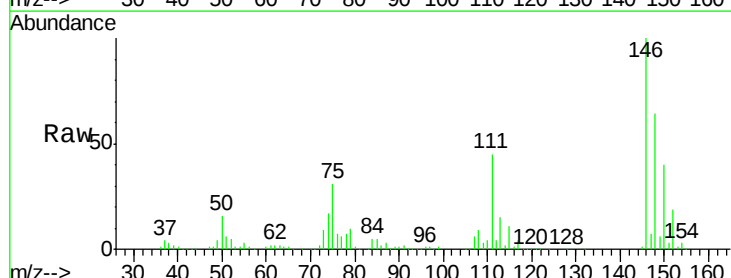
RT: 7.13 min Scan# 857

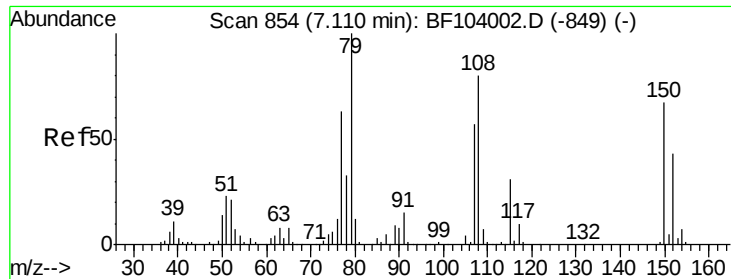
Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 300338 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 50.6  | 75.8   |
| 111       | 45.0  | 36.0  | 54.0   |





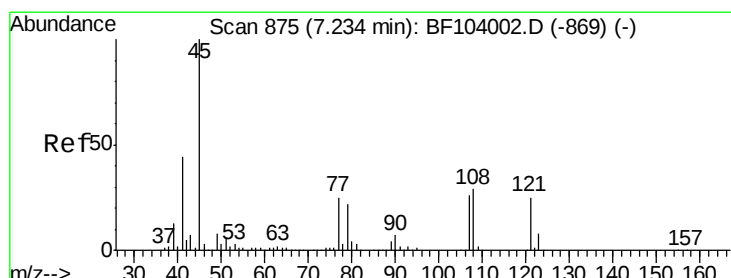
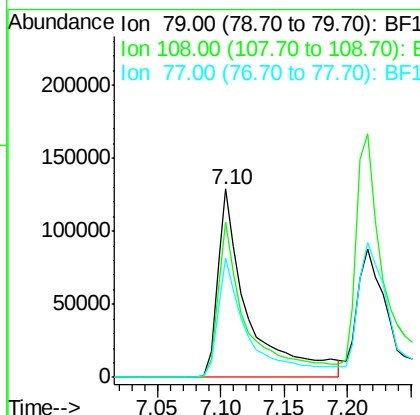
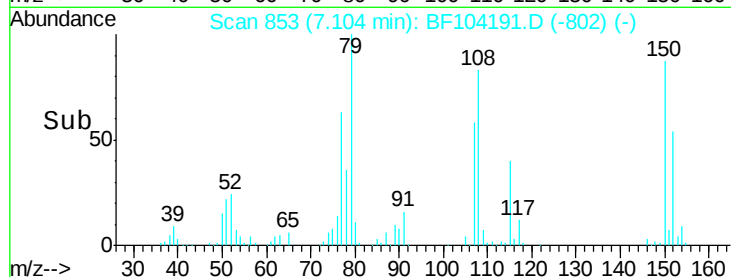
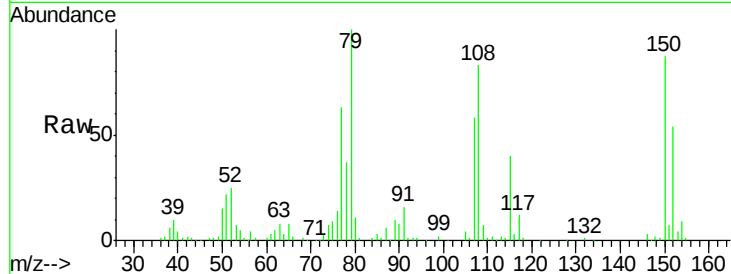
#15  
Benzyl Alcohol  
Concen: 37.723 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.6  | 65.1  | 97.7  |
| 77      | 63.4  | 50.6  | 75.8  |

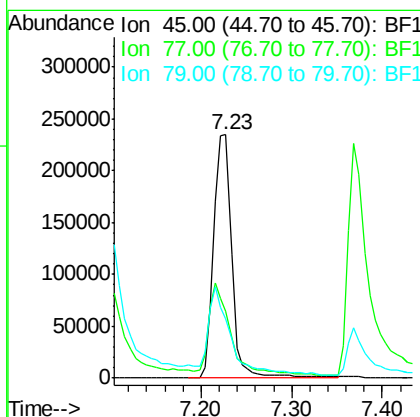
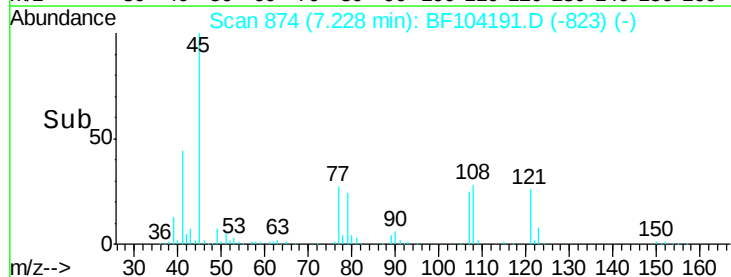
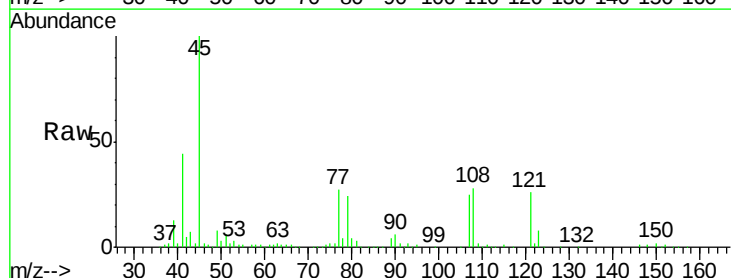
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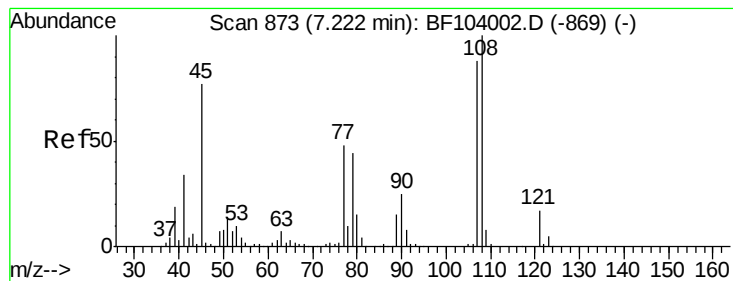
Sohil  
4/4/2018 4:09:48 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.909 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 27.3  | 0.0   | 32.9  |
| 79      | 24.4  | 0.0   | 29.6  |





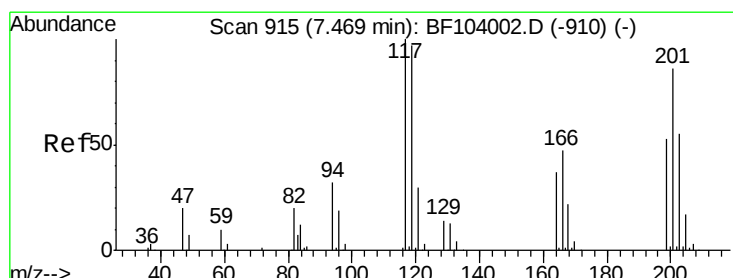
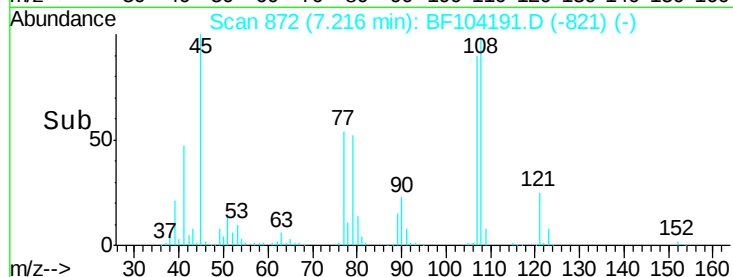
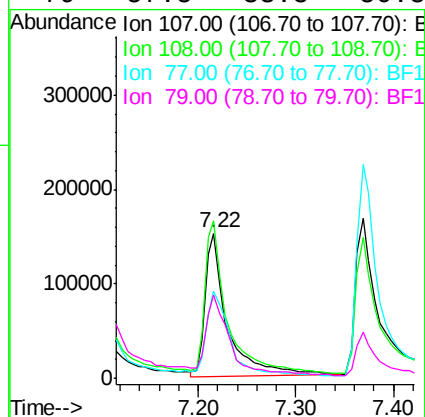
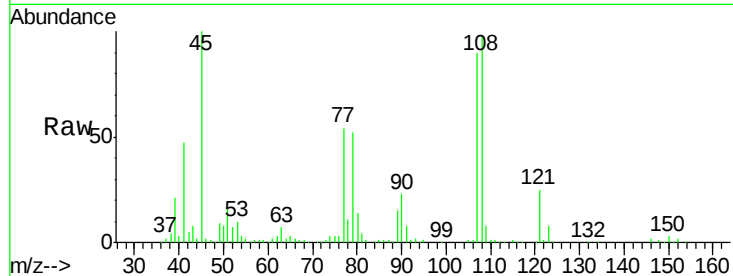
#17  
2-Methylphenol  
Concen: 37.438 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 239583 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 108.6 | 91.7  | 137.5  |
| 77        | 60.0  | 33.8  | 50.8#  |
| 79        | 57.5  | 33.8  | 50.8#  |

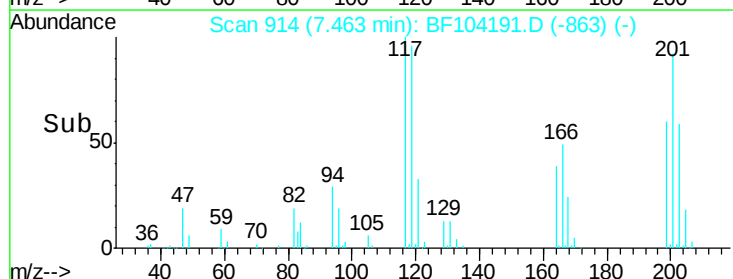
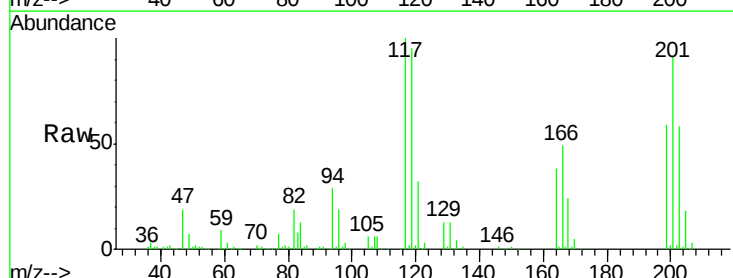
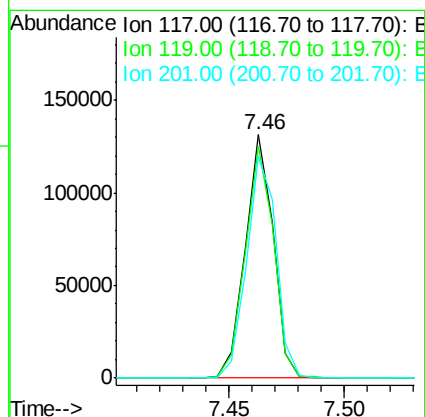
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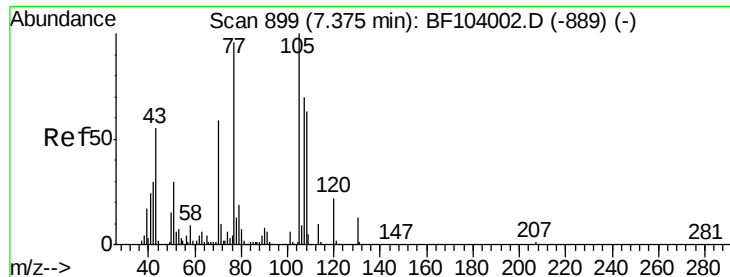
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4/4/2018 4:09:48 PM



#18  
Hexachloroethane  
Concen: 35.183 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 111559 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.1  | 75.8  | 113.8  |
| 201       | 91.1  | 75.7  | 113.5  |





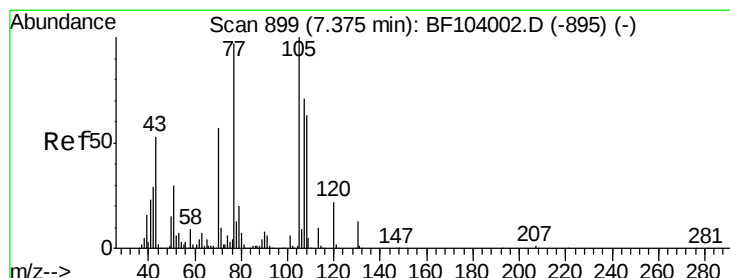
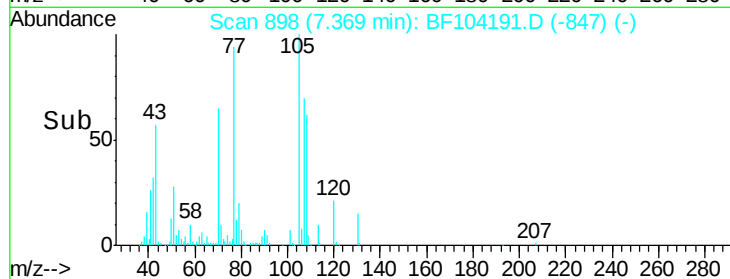
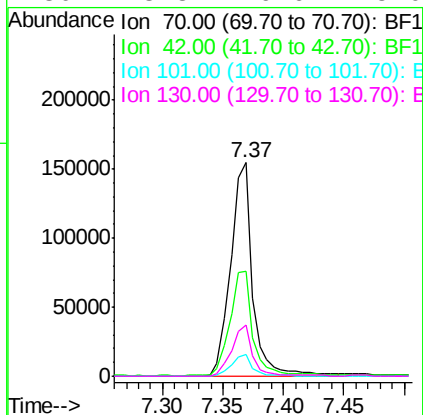
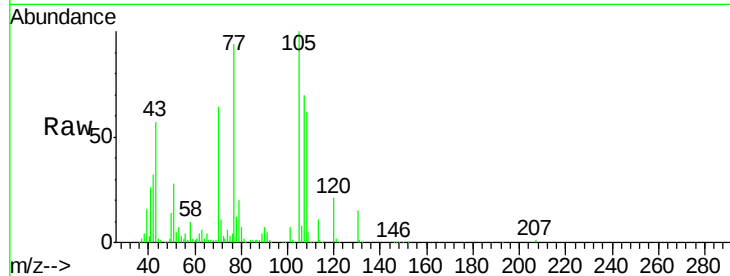
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.683 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.1  | 47.5  | 71.3  |
| 101     | 10.4  | 7.4   | 11.2  |
| 130     | 23.8  | 16.6  | 25.0  |

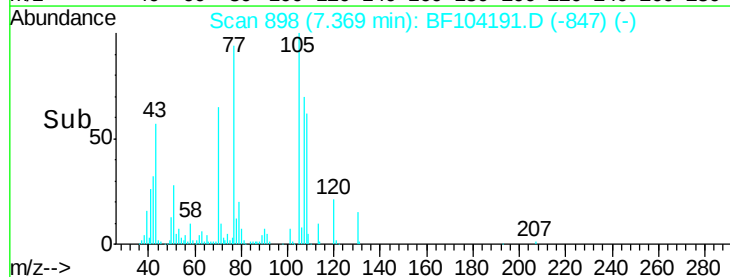
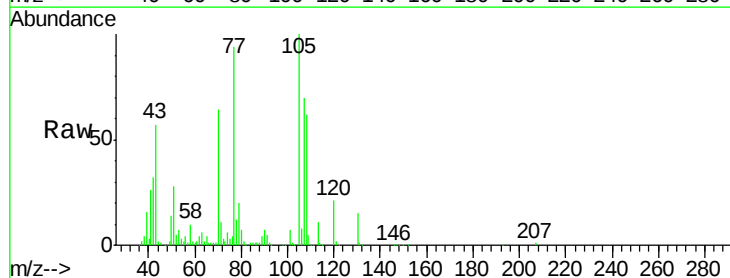
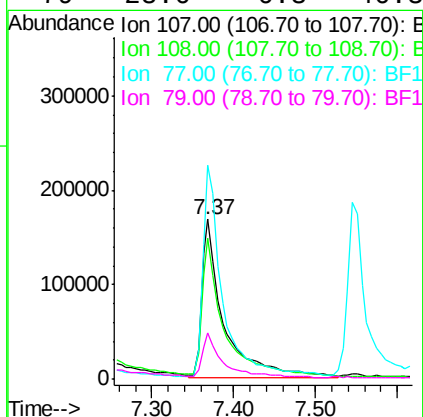
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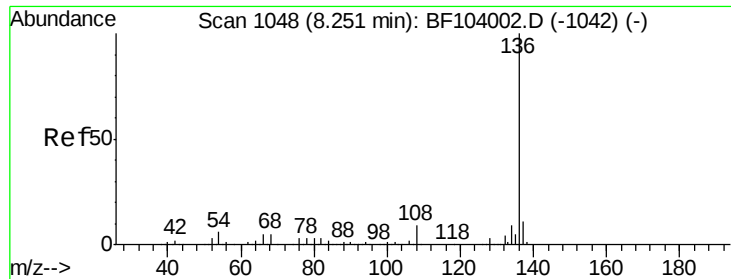
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#20  
3+4-Methylphenols  
Concen: 39.347 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.7  | 68.2  | 108.2 |
| 77      | 134.0 | 26.7  | 66.7# |
| 79      | 28.6  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

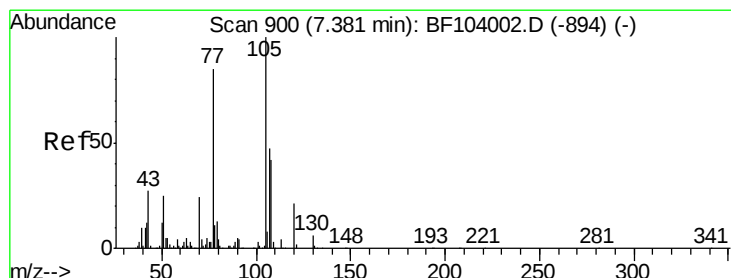
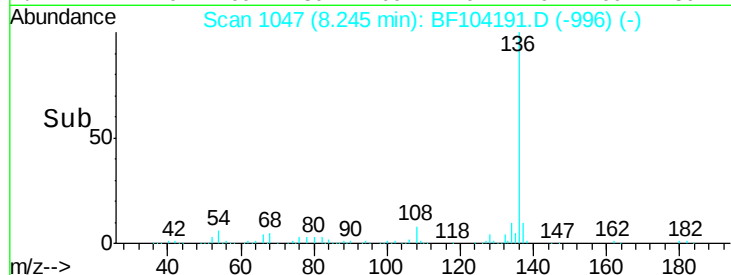
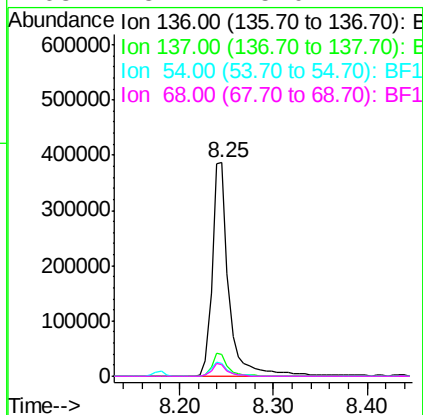
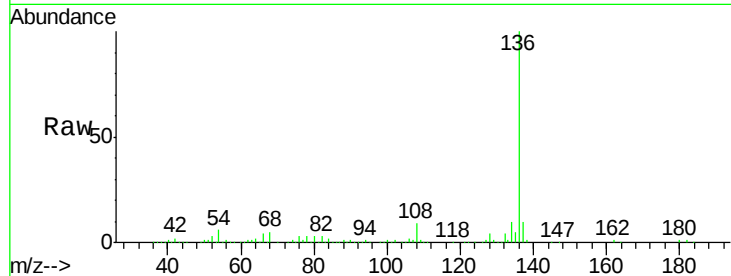
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 136     | 100  |       |      |       |       |
| 137     | 10.4 |       | 8.9  | 13.3  |       |
| 54      | 6.2  |       | 6.6  | 9.8   |       |
| 68      | 5.4  |       | 5.0  | 7.4   |       |

Manual Integrations  
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#22

Acetophenone

Concen: 36.169 ng

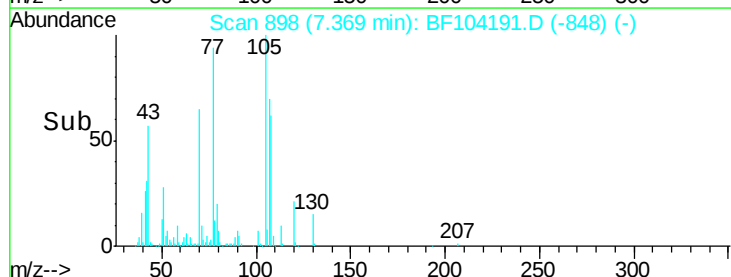
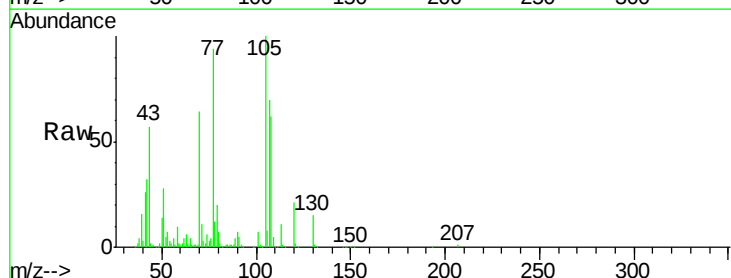
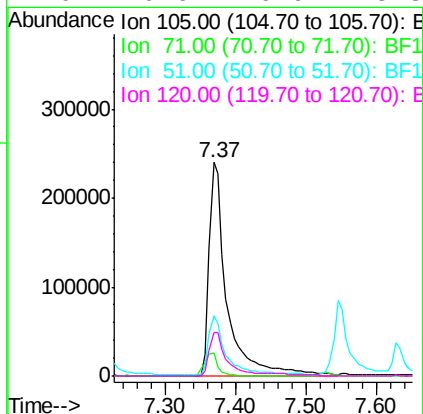
RT: 7.37 min Scan# 898

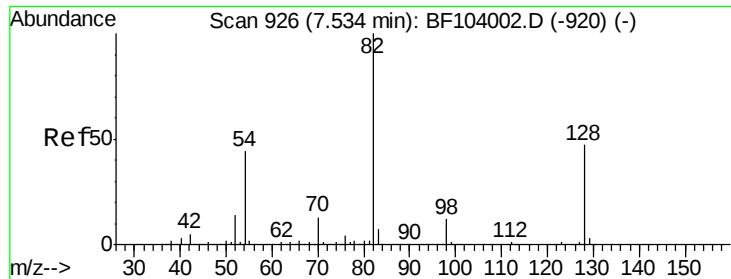
Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 105     | 100  |       |      |       |       |
| 71      | 10.6 |       | 4.4  | 6.6   |       |
| 51      | 28.1 |       | 22.3 | 33.5  |       |
| 120     | 20.6 |       | 16.9 | 25.3  |       |





#23

Nitrobenzene-d5

Concen: 77.229 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

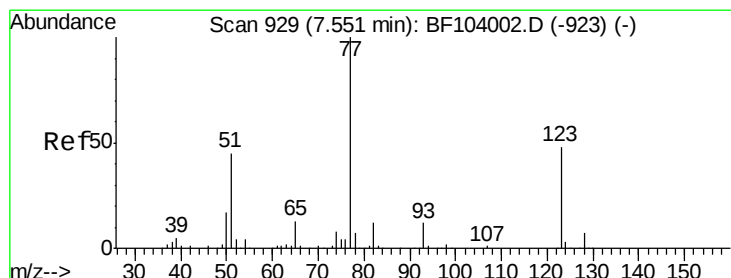
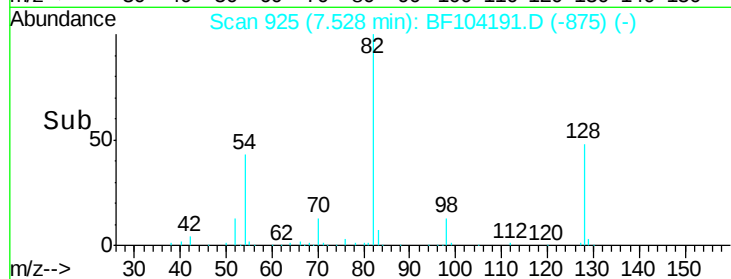
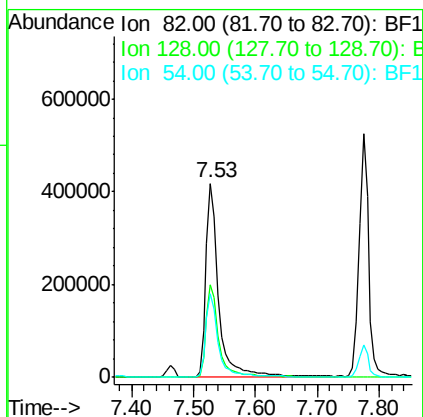
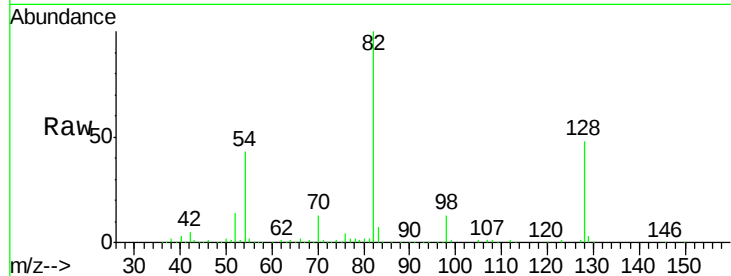
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 613097 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.0  | 36.1  | 54.1   |
| 54        | 43.3  | 41.4  | 62.2   |

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#24

Nitrobenzene

Concen: 33.926 ng

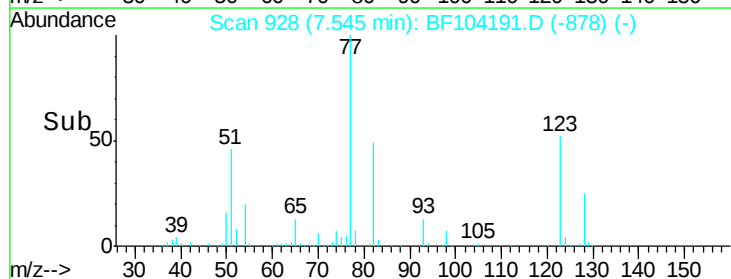
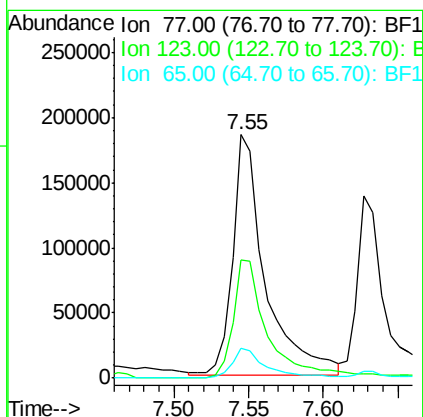
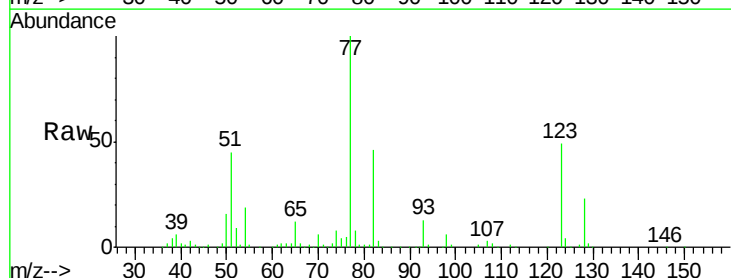
RT: 7.55 min Scan# 928

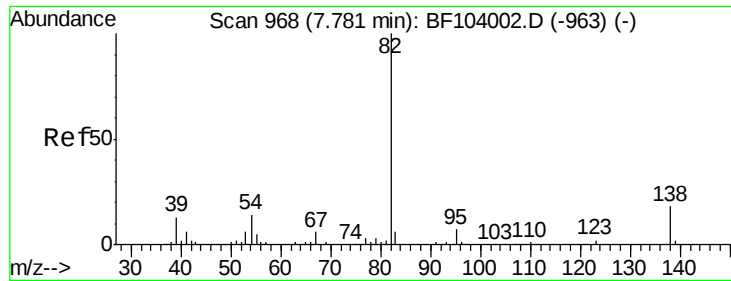
Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 283379 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 48.6  | 37.9  | 56.9   |
| 65        | 12.4  | 11.0  | 16.4   |





#25

Isophorone

Concen: 38.309 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

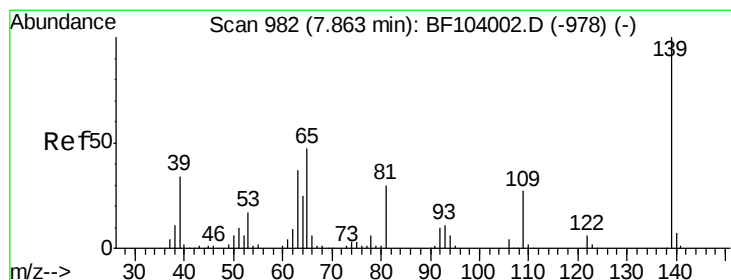
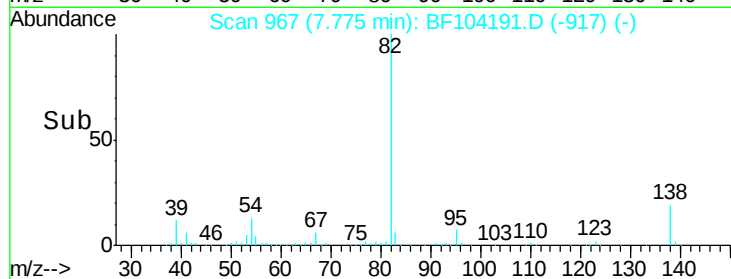
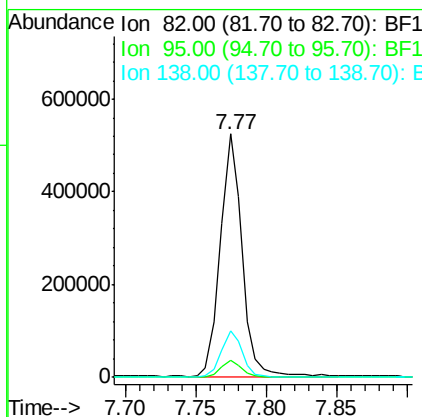
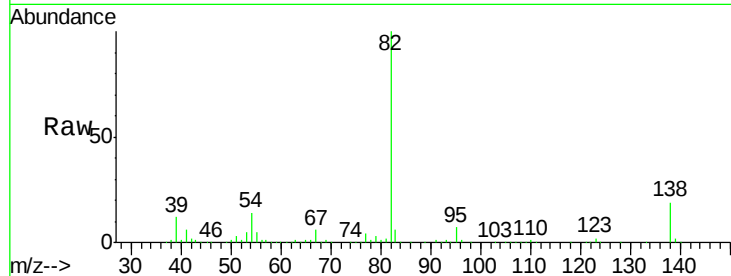
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 560468 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 5.2   | 7.8    |
| 138       | 19.1  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 39.090 ng

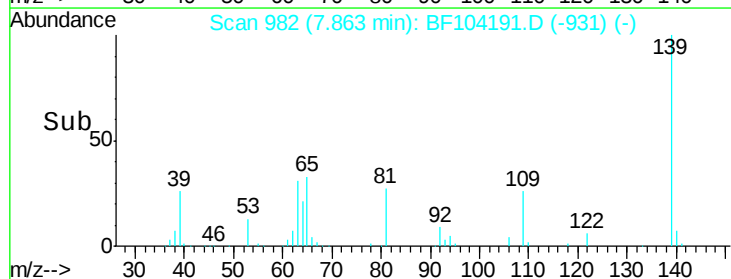
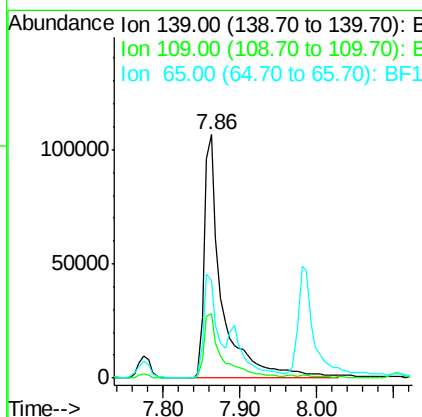
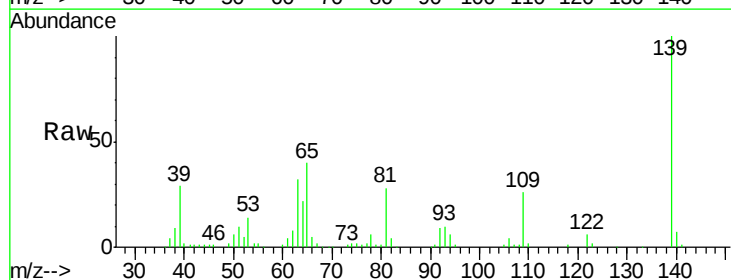
RT: 7.86 min Scan# 982

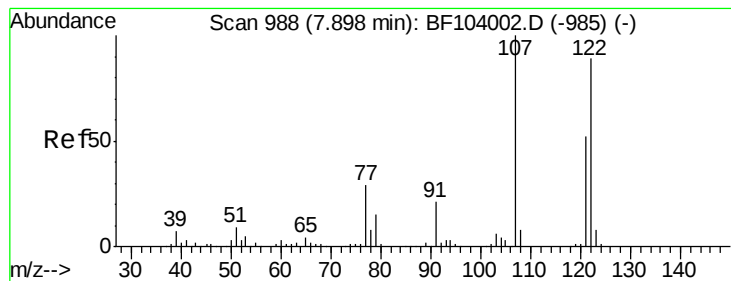
Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 170435 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.3  | 22.7  | 34.1   |
| 65        | 39.9  | 40.5  | 60.7#  |





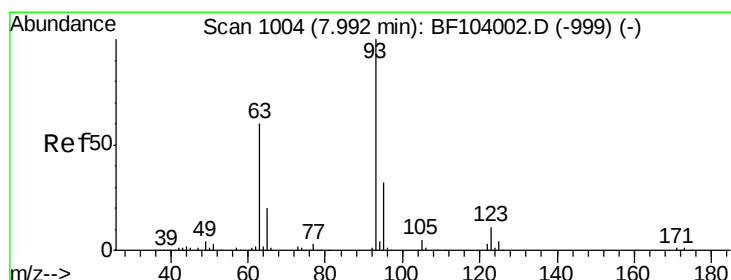
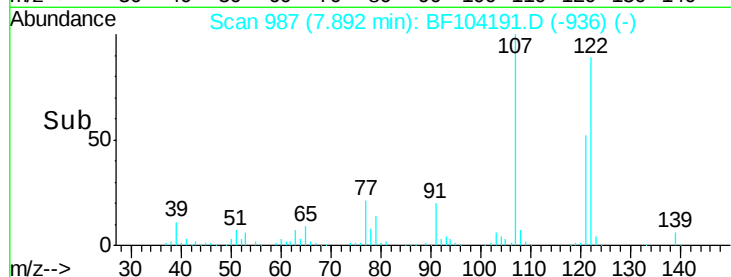
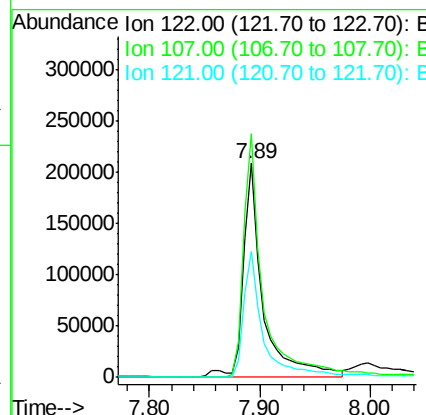
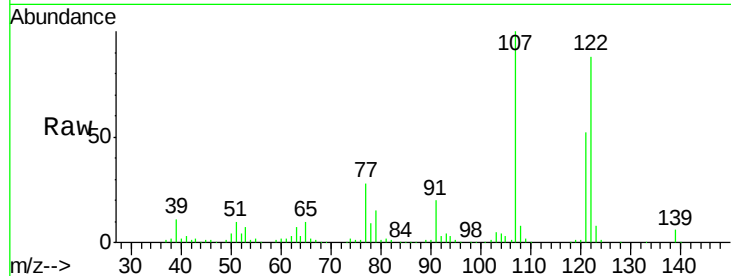
#27  
2,4-Dimethylphenol  
Concen: 41.727 ng  
RT: 7.89 min Scan# 987  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 262386 |       |       |
| 107     | 113.9 | 91.2  |        | 136.8 |       |
| 121     | 58.8  | 47.2  |        | 70.8  |       |

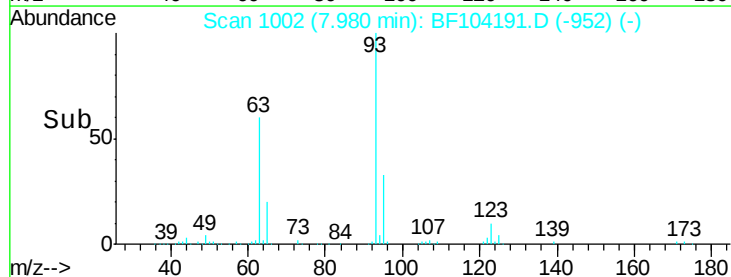
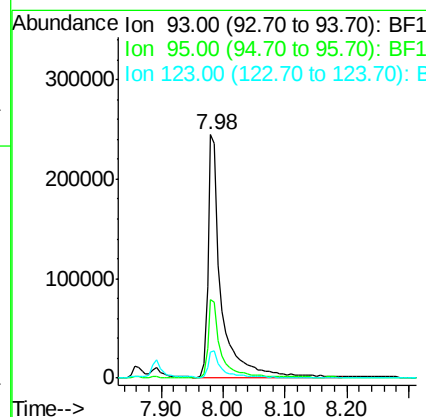
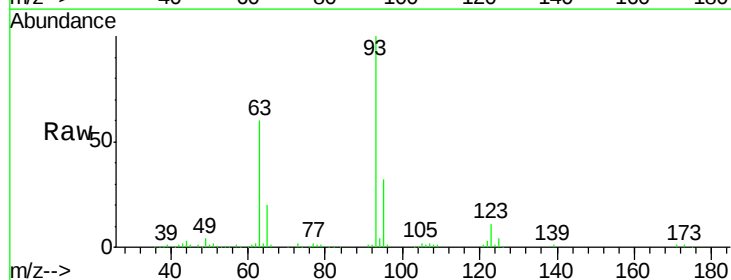
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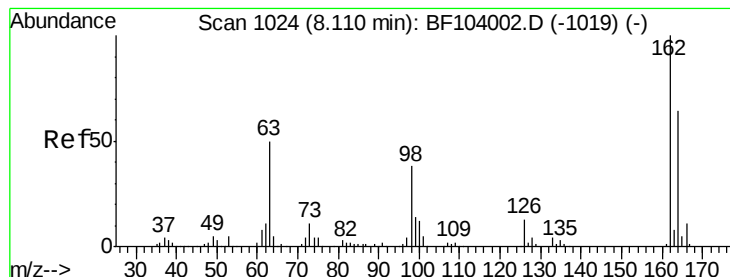
Sohil  
4/4/2018 4:09:48 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.785 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 364807 |       |       |
| 95      | 32.5 | 26.3  |        | 39.5  |       |
| 123     | 10.8 | 9.8   |        | 14.6  |       |





#29

2,4-Dichlorophenol

Concen: 39.814 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

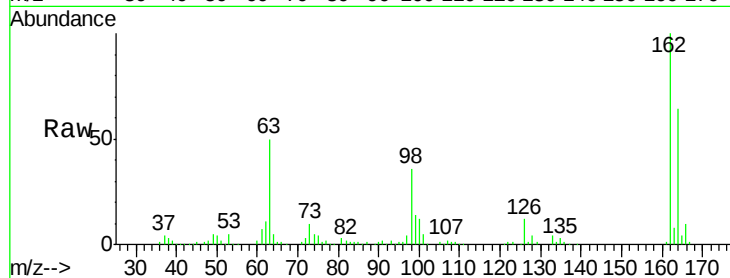
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

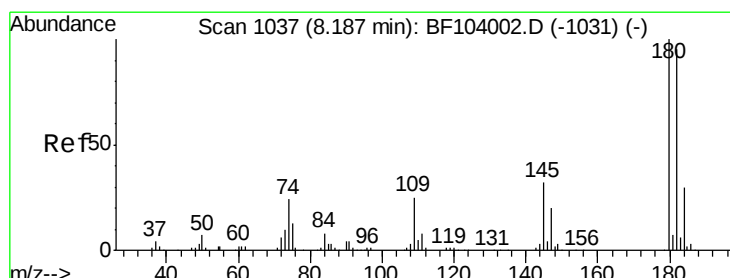
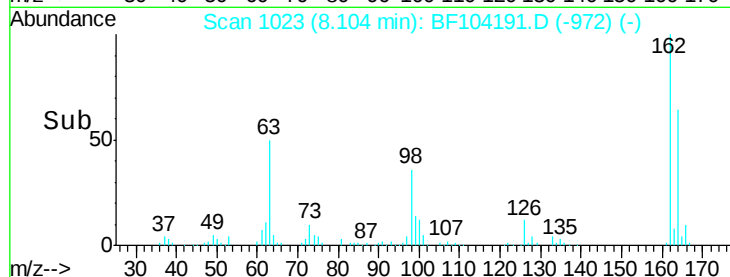
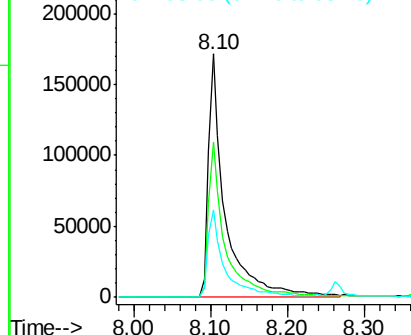
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 261500 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.7  | 42.7  | 82.7   |
| 98        | 36.2  | 18.1  | 58.1   |

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



#30

1,2,4-Trichlorobenzene

Concen: 35.679 ng

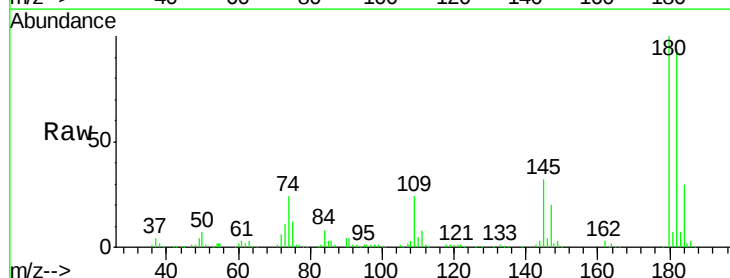
RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

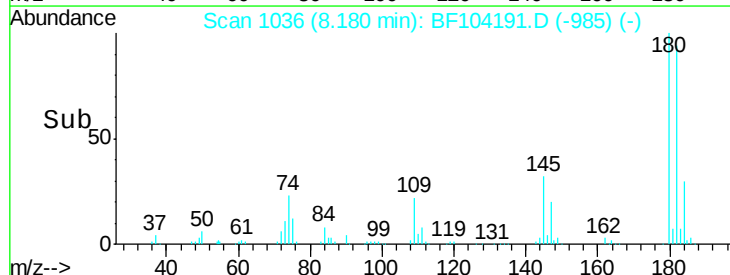
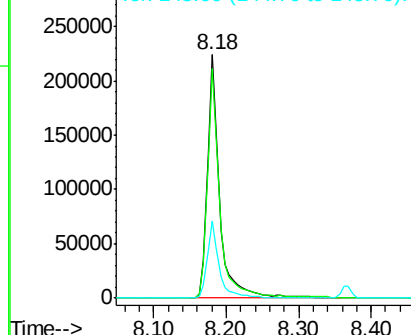
Lab File: BF104191.D

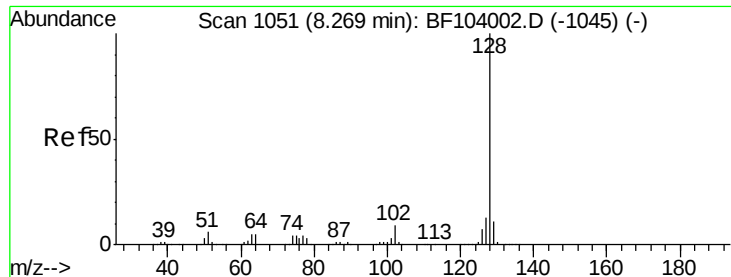
Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 265890 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.1  | 76.8  | 115.2  |
| 145       | 31.6  | 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





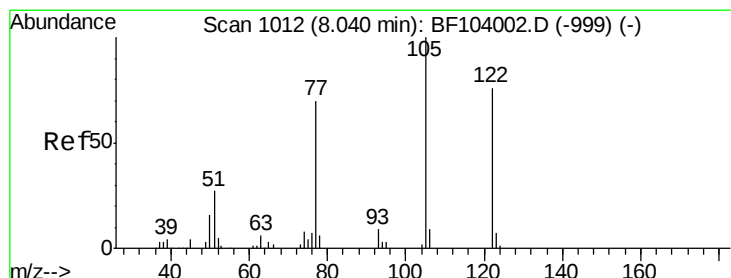
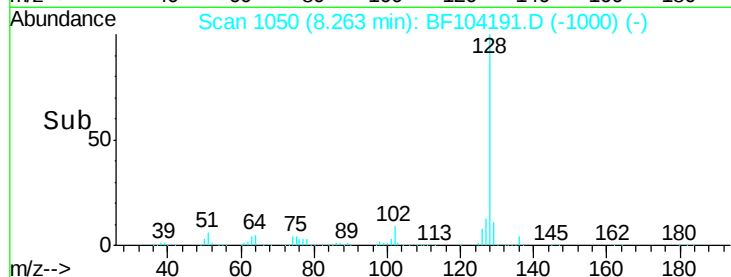
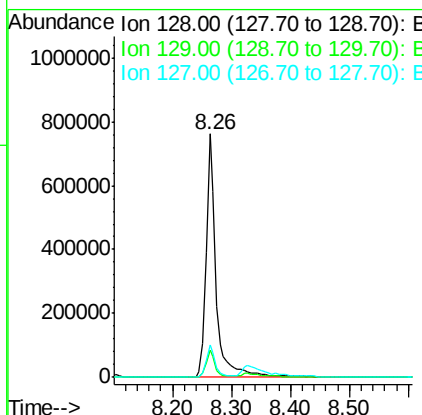
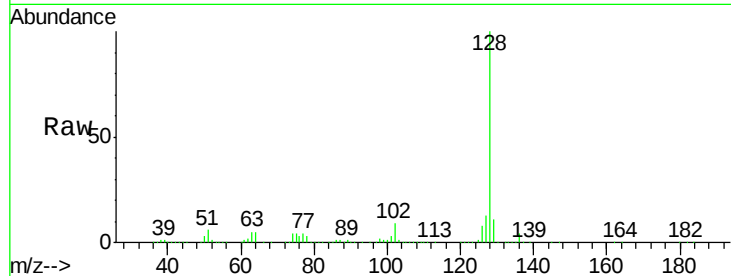
#31  
Naphthalene  
Concen: 38.597 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | 128   | Resp  | 915441 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 129     | 11.1  | 8.8   | 13.2   |
| 127     | 13.2  | 10.9  | 16.3   |

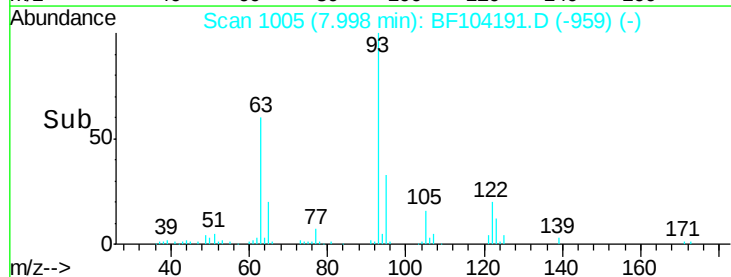
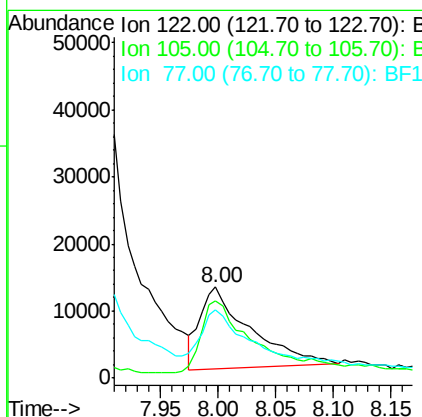
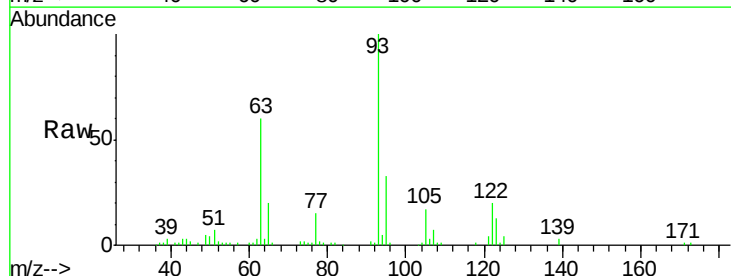
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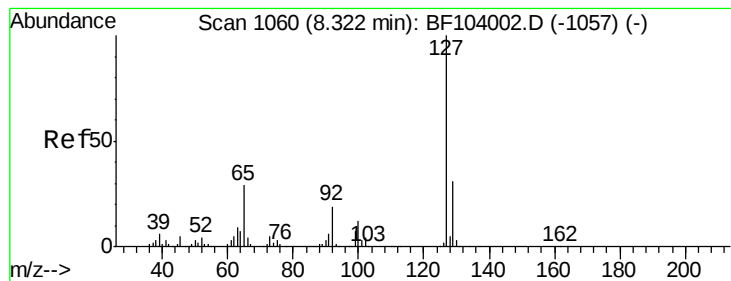
Sohil  
4/4/2018 4:09:48 PM



#32  
Benzoic acid  
Concen: 8.001 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.03 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | 122   | Resp  | 36856  |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 122     | 100   |       |        |
| 105     | 84.8  | 101.1 | 141.1# |
| 77      | 75.6  | 70.7  | 110.7  |





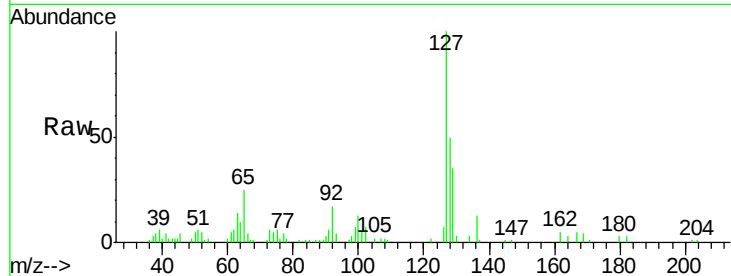
#33  
4-Chloroaniline  
Concen: 10.944 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. 0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

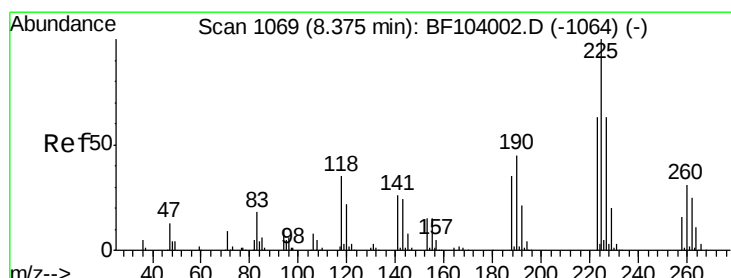
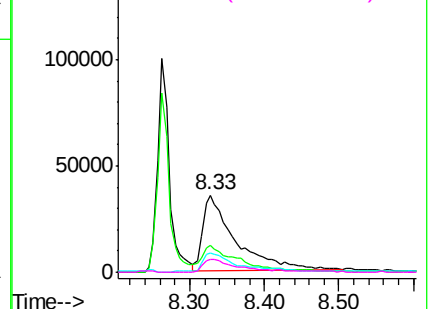
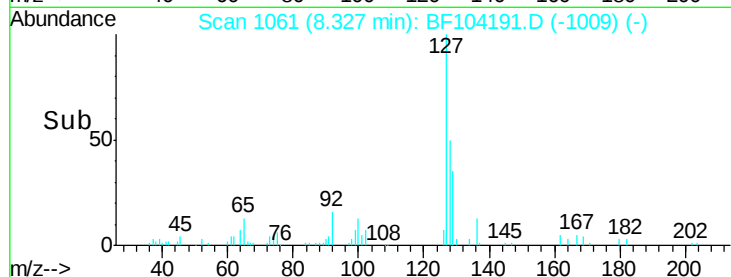
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 109430 |       |       |
| 129     | 35.2 | 25.9  | 38.9   |       |       |
| 65      | 25.3 | 25.0  | 37.4   |       |       |
| 92      | 17.3 | 15.2  | 22.8   |       |       |

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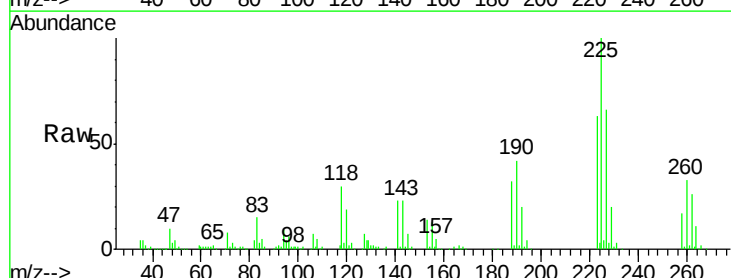


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

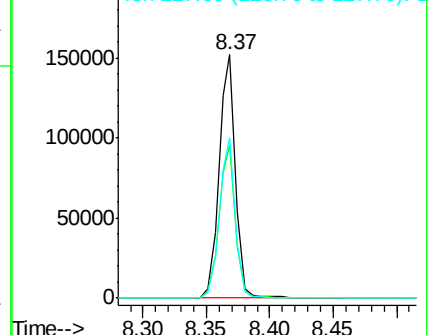
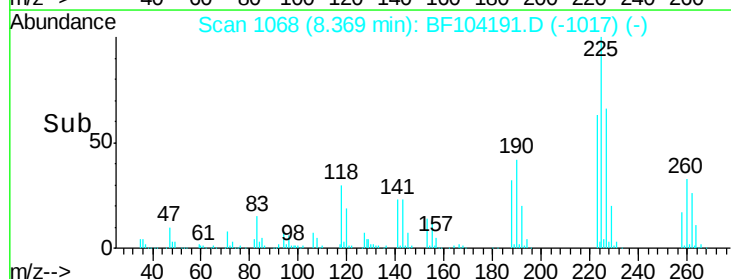


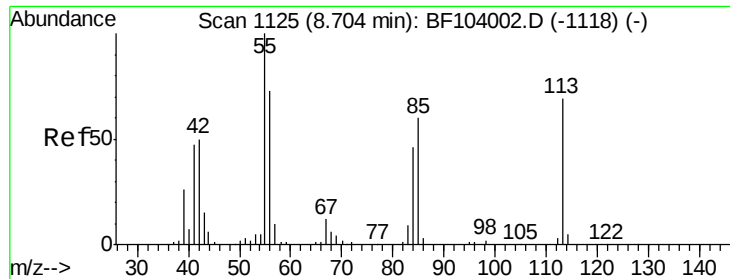
#34  
Hexachlorobutadiene  
Concen: 34.352 ng  
RT: 8.37 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 139306 |       |       |
| 223     | 62.7 | 50.6  | 76.0   |       |       |
| 227     | 65.9 | 51.9  | 77.9   |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





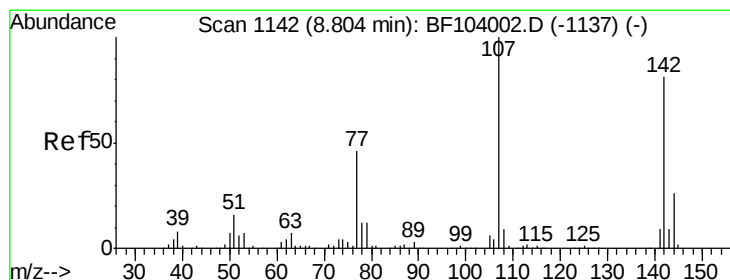
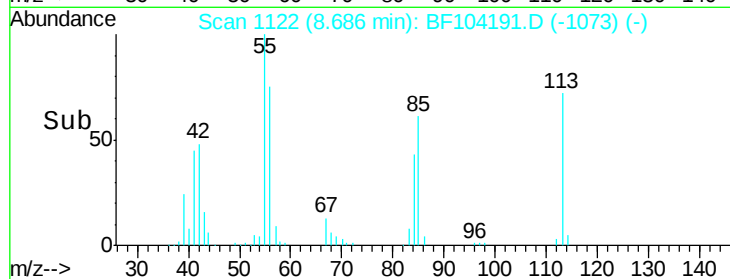
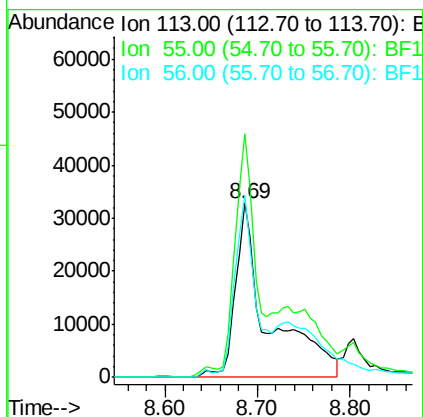
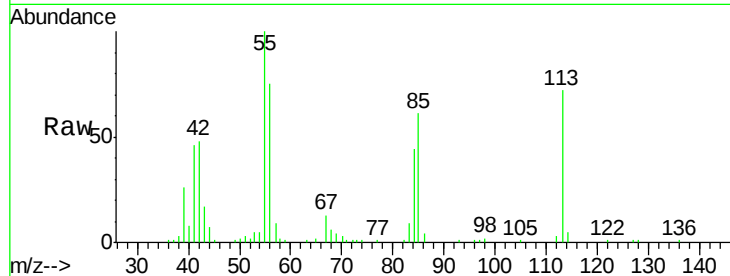
#35  
Caprolactam  
Concen: 38.761 ng/ml  
RT: 8.69 min Scan# 1122  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

Tot Ion: 113 Resp: 80724  
Ion Ratio Lower Upper  
113 100  
55 139.7 163.3 203.3#  
56 104.2 115.7 155.7#

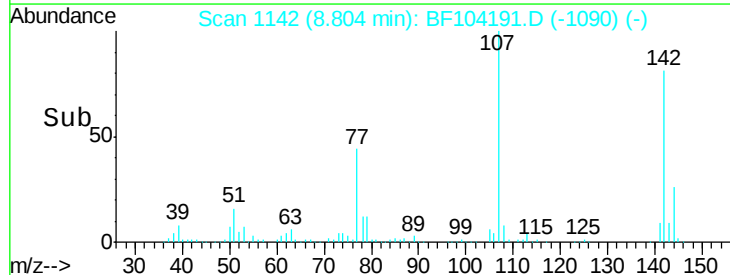
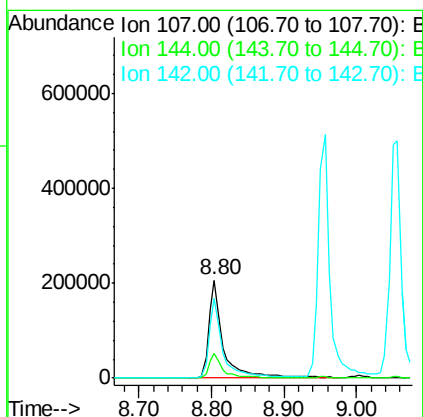
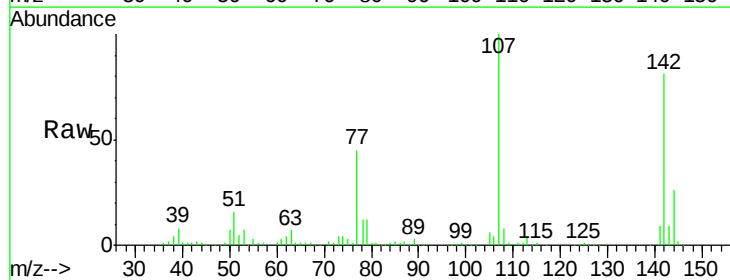
Manual Integrations  
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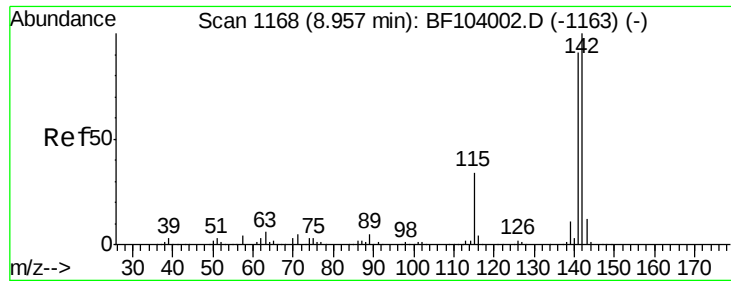
Sohil  
4/4/2018 4:09:48 PM



#36  
4-Chloro-3-methylphenol  
Concen: 41.212 ng/ml  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Tgt Ion: 107 Resp: 286307  
Ion Ratio Lower Upper  
107 100  
144 25.6 20.5 30.7  
142 81.2 62.0 93.0





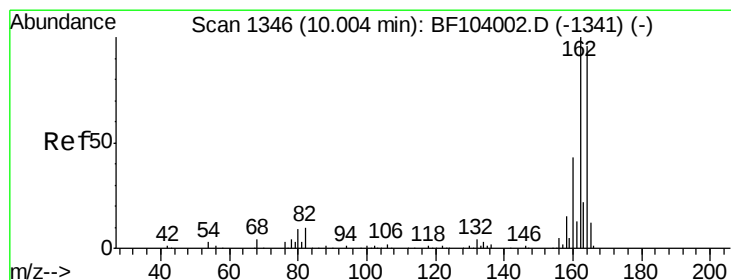
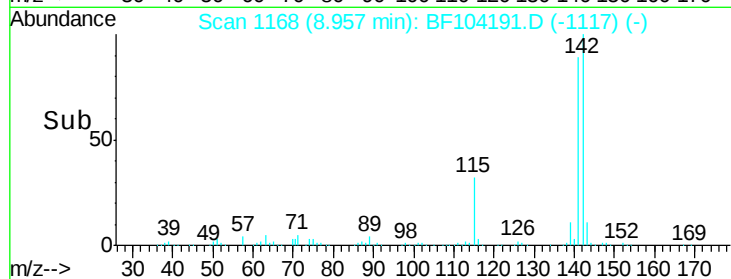
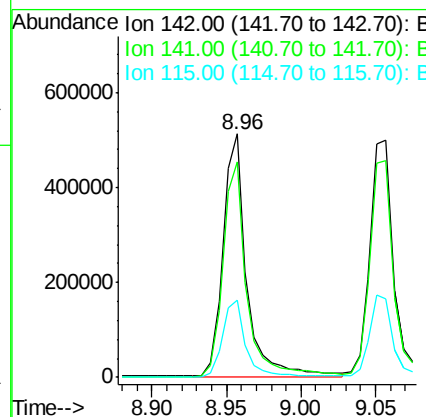
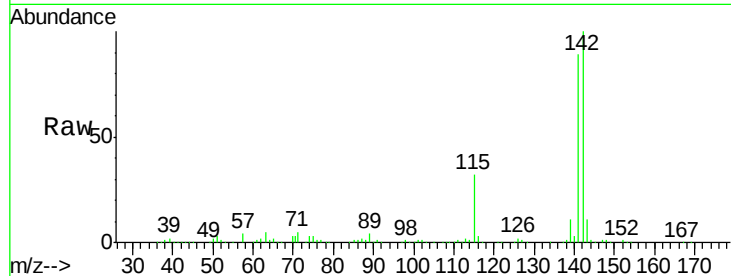
#37  
2-Methylnaphthalene  
Concen: 36.778 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 70.8  | 106.2 |
| 115     | 31.8  | 26.1  | 39.1  |

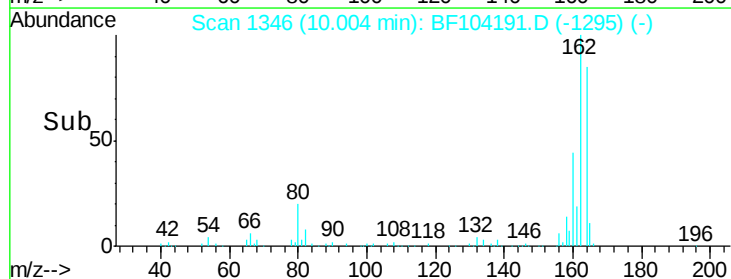
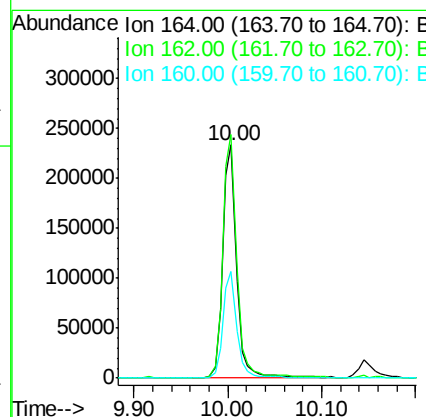
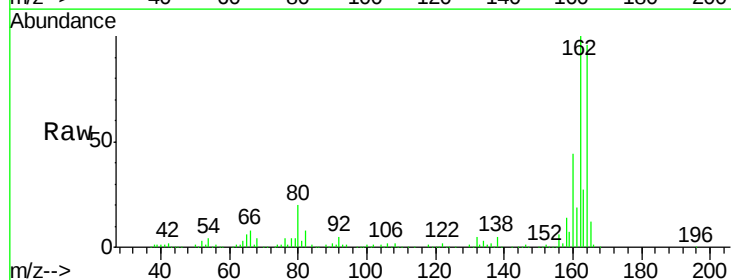
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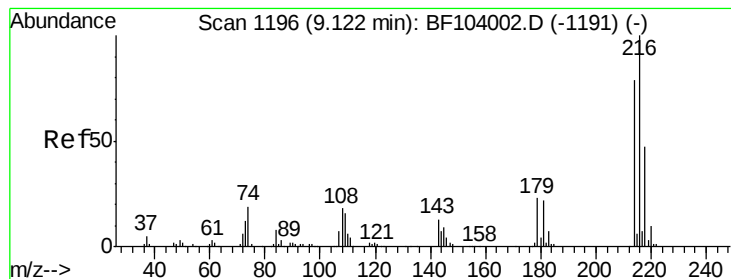
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.5 | 86.1  | 129.1 |
| 160     | 45.9  | 38.3  | 57.5  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.341 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

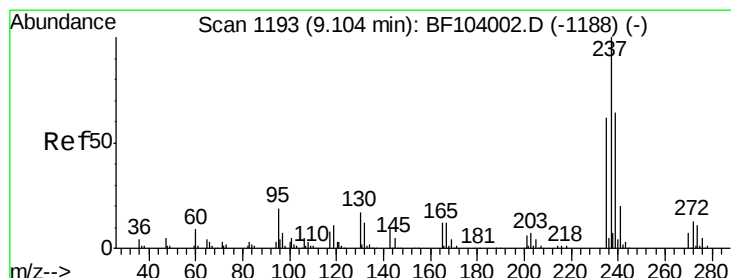
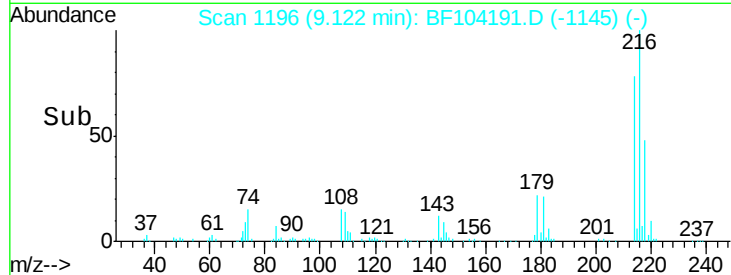
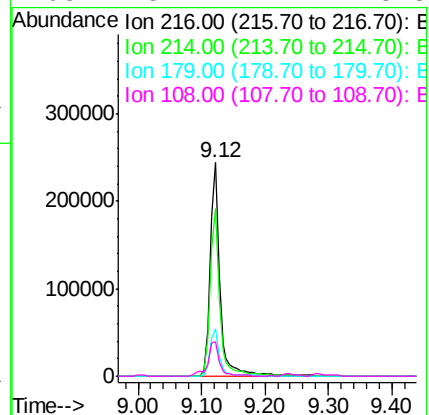
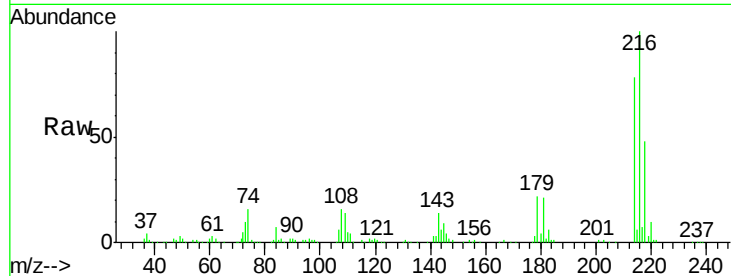
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 262939 |       |       |
| 214     | 78.7  | 63.0   | 94.4  |       |
| 179     | 22.3  | 18.1   | 27.1  |       |
| 108     | 18.1  | 17.2   | 25.8  |       |

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#40

Hexachlorocyclopentadiene

Concen: 41.311 ng

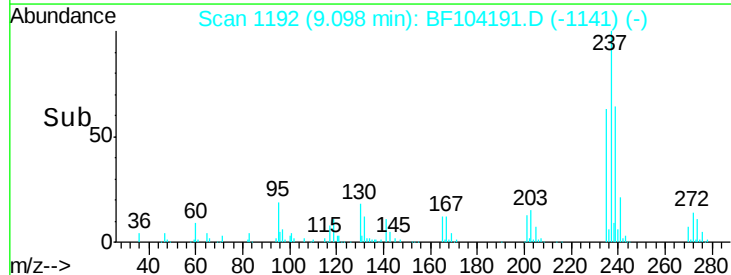
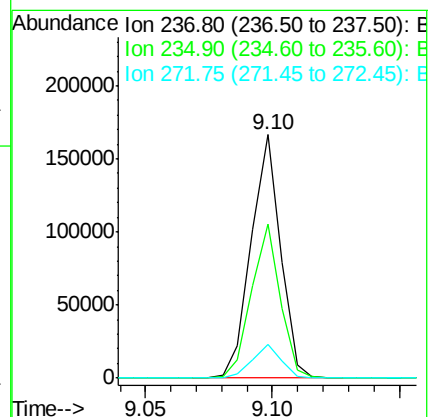
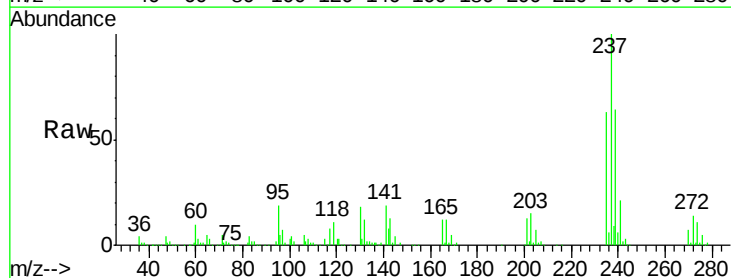
RT: 9.10 min Scan# 1192

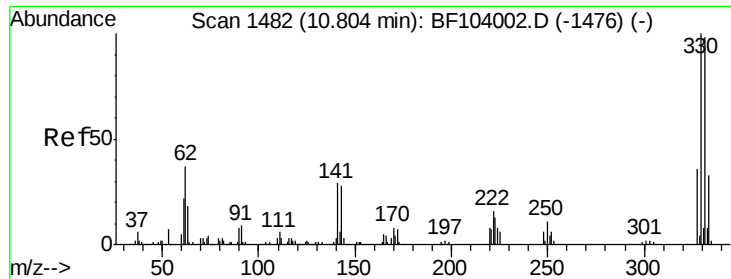
Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 134891 |       |       |
| 235     | 63.3  | 44.8   | 84.8  |       |
| 272     | 13.8  | 0.0    | 33.3  |       |





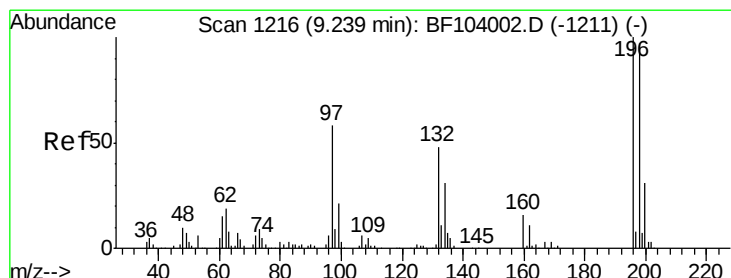
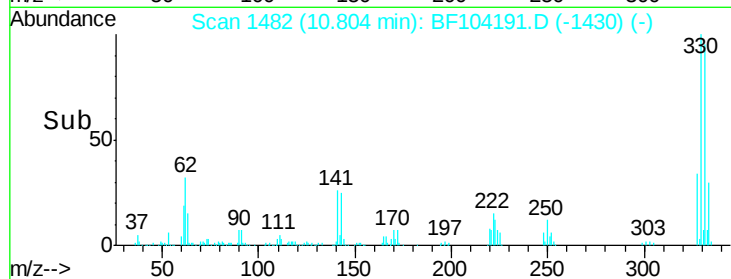
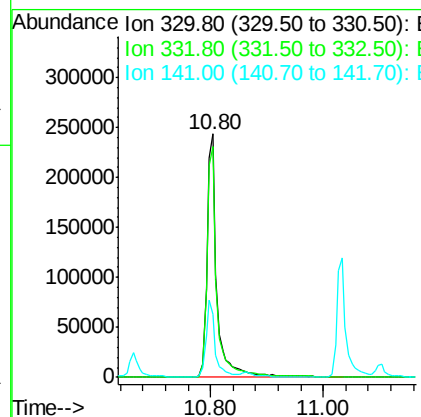
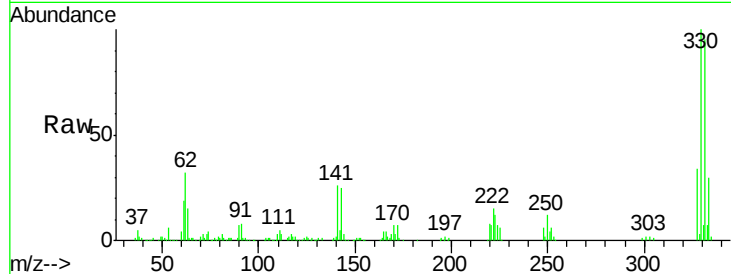
#41  
 2,4,6-Tribromophenol  
 Concen: 112.901 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. 0.01 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.4  | 77.0 | 115.6 |       |
| 141     | 28.5  | 29.9 | 44.9  |       |

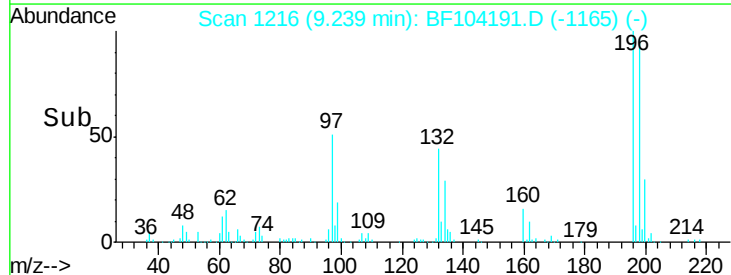
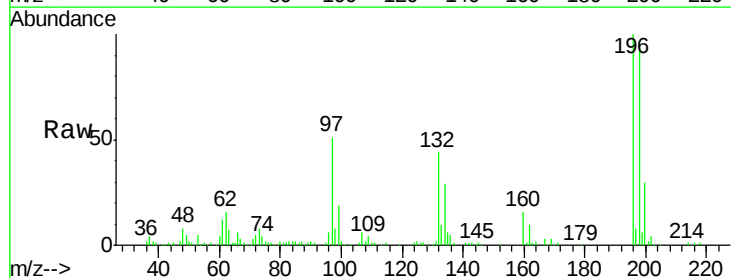
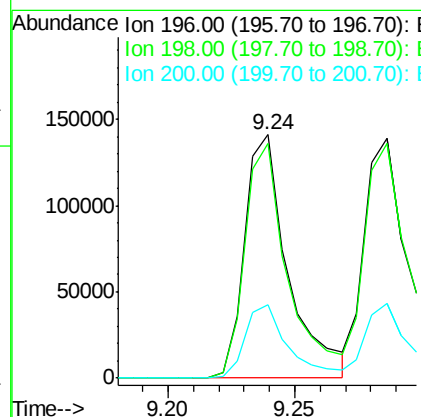
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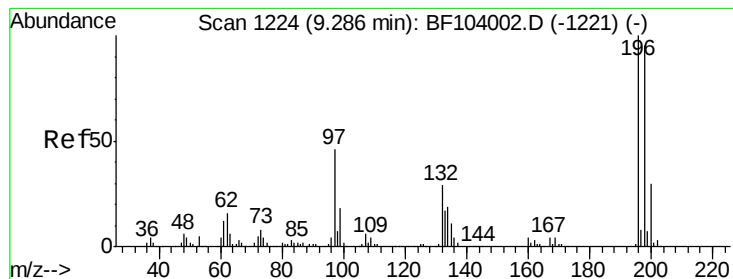
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#42  
 2,4,6-Trichlorophenol  
 Concen: 35.828 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 96.2  | 75.7 | 113.5 |       |
| 200     | 30.0  | 24.5 | 36.7  |       |





#43

2,4,5-Trichlorophenol

Concen: 34.532 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

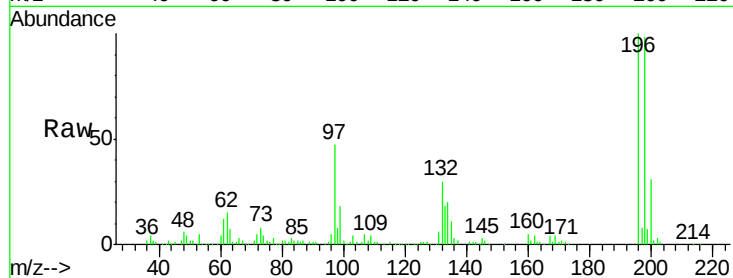
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 196430 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.1  | 74.6  | 112.0  |
| 97        | 46.7  | 42.9  | 64.3   |
| 132       | 29.8  | 26.3  | 39.5   |

Manual Integrations  
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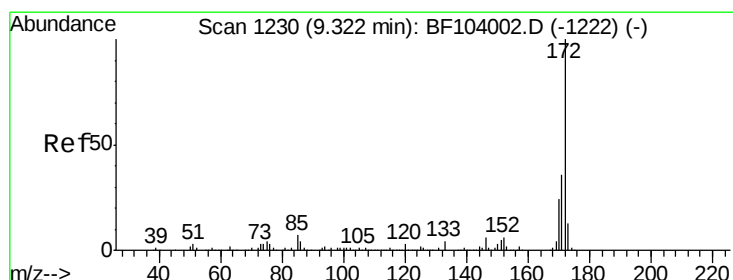
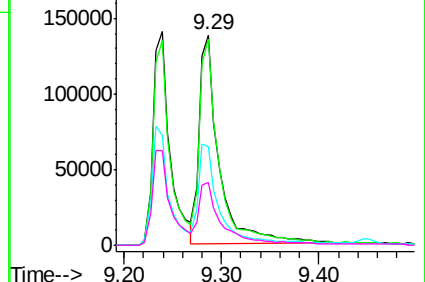
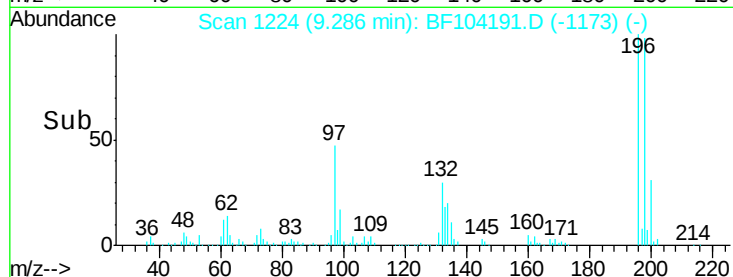


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 73.749 ng

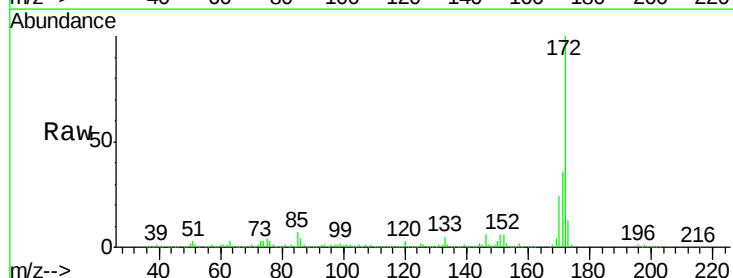
RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

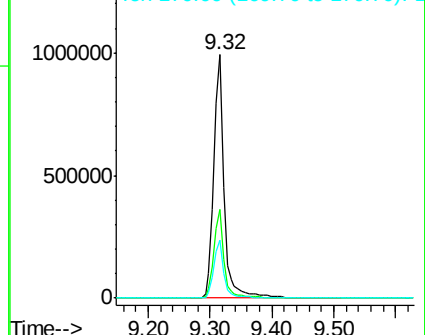
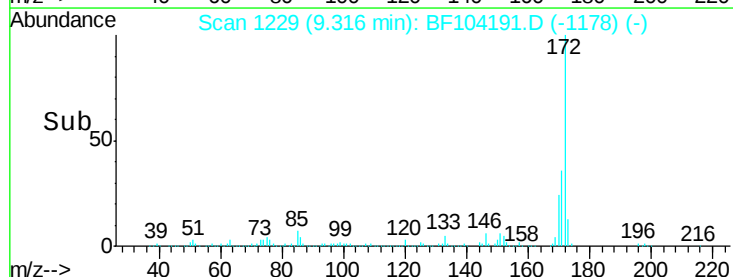
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1134670 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.3  | 29.7  | 44.5    |
| 170       | 24.0  | 19.6  | 29.4    |

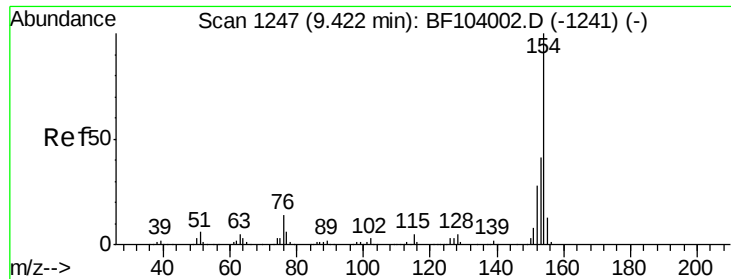


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





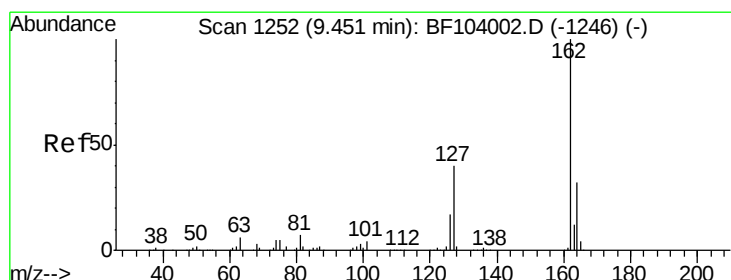
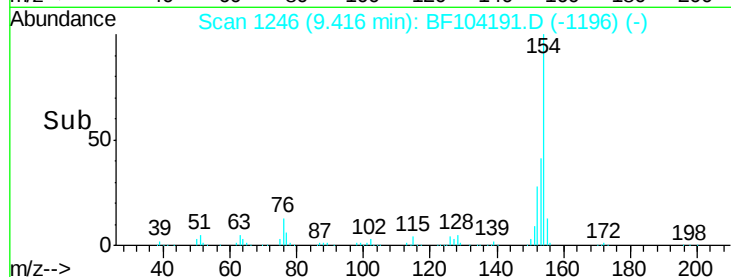
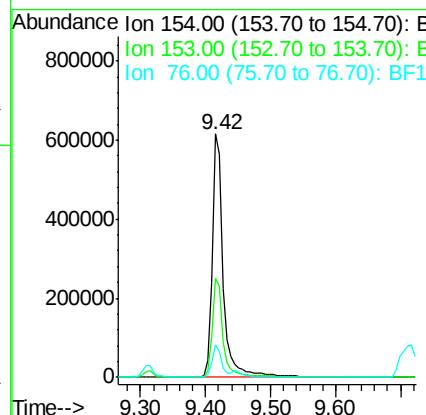
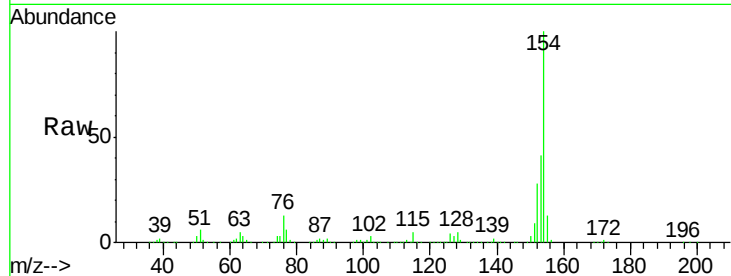
#45  
 1,1'-Biphenyl  
 Concen: 34.736 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 723326 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.9  | 21.3  | 61.3   |
| 76        | 13.5  | 0.0   | 34.0   |

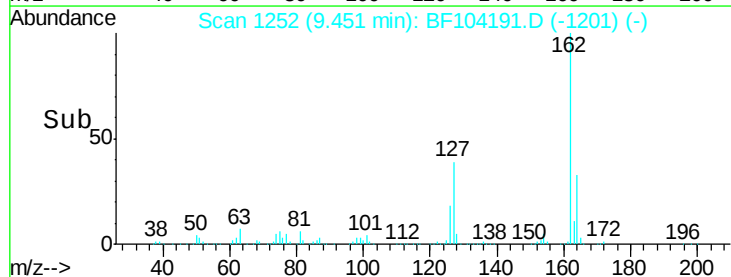
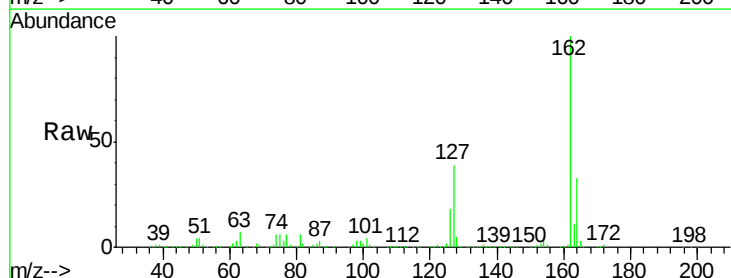
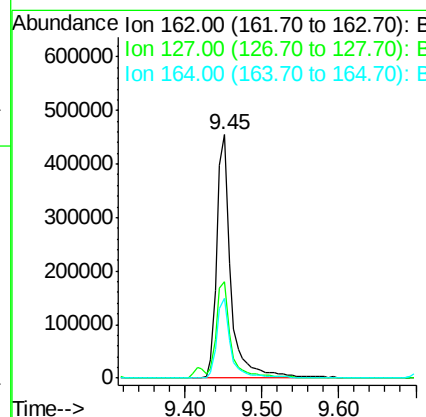
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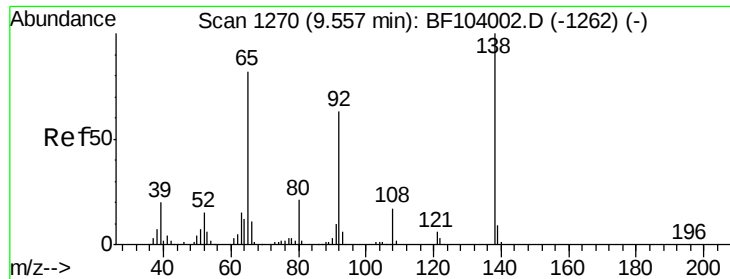
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#46  
 2-Chloronaphthalene  
 Concen: 34.760 ng  
 RT: 9.45 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 570957 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.4  | 33.9  | 50.9   |
| 164       | 32.7  | 26.5  | 39.7   |





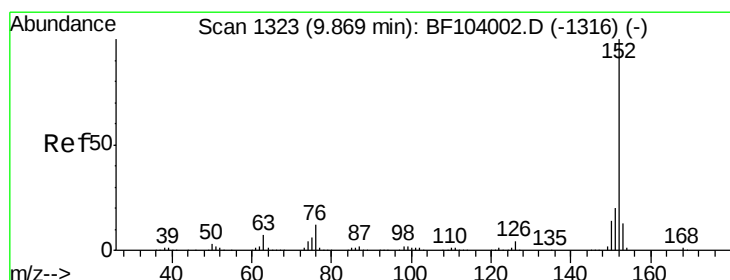
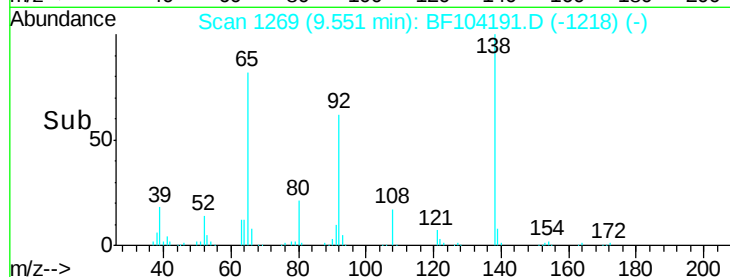
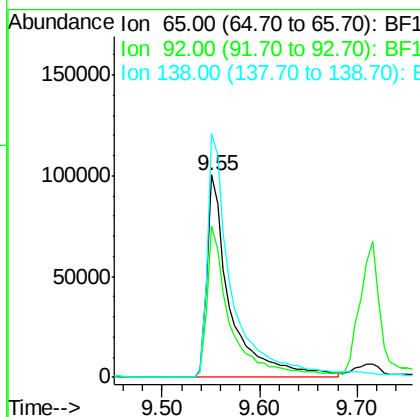
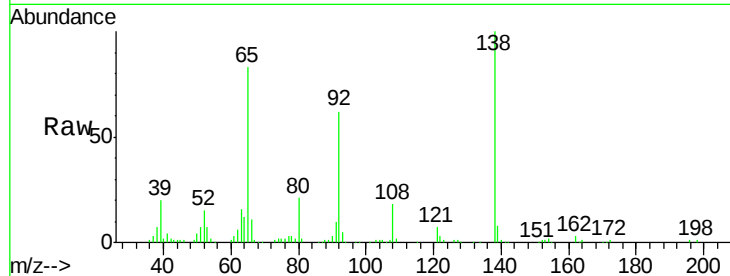
#47  
2-Nitroaniline  
Concen: 35.690 ng  
RT: 9.55 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 167163 |       |       |
| 92      | 75.2  | 55.8   | 83.6  |       |
| 138     | 120.4 | 91.2   | 136.8 |       |

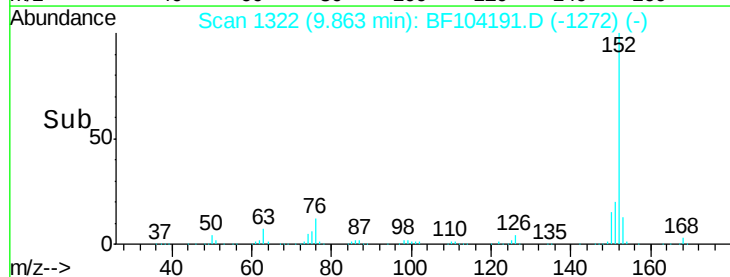
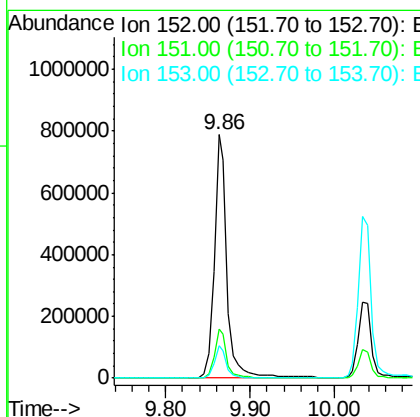
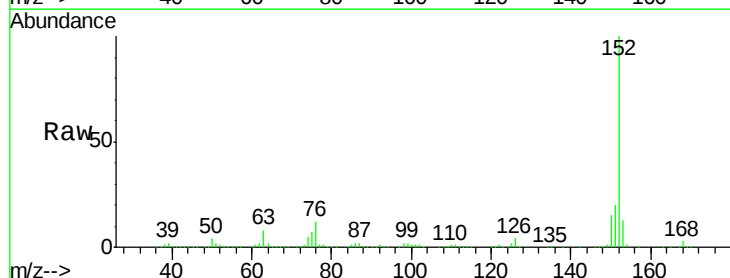
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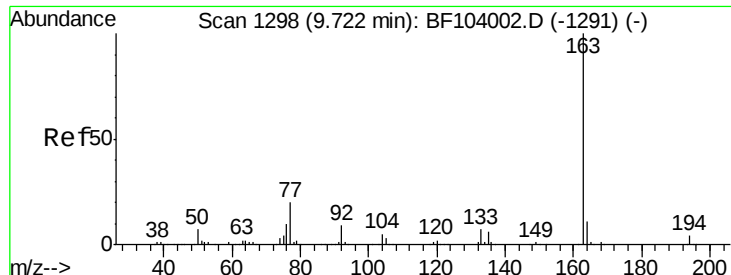
Sohil  
4/4/2018 4:09:48 PM



#48  
Acenaphthylene  
Concen: 33.819 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 841560 |       |       |
| 151     | 20.3  | 16.3   | 24.5  |       |
| 153     | 13.5  | 10.7   | 16.1  |       |





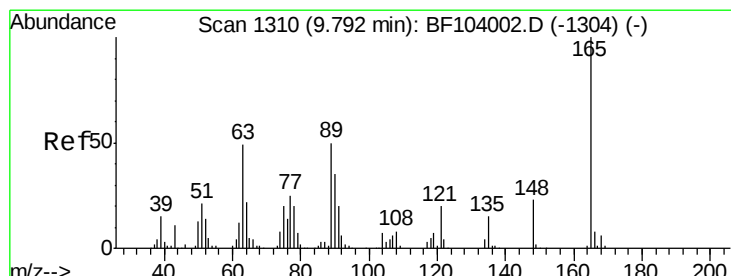
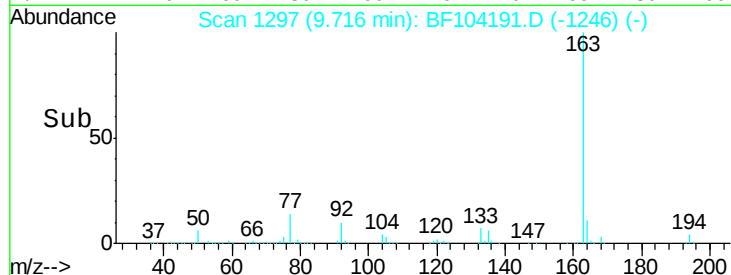
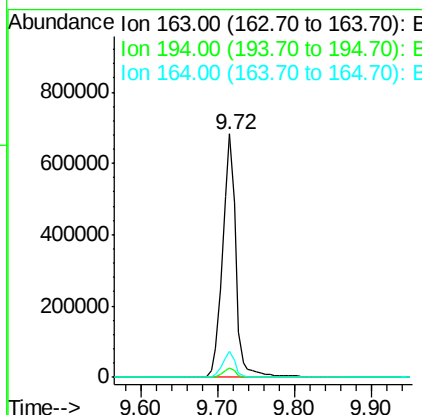
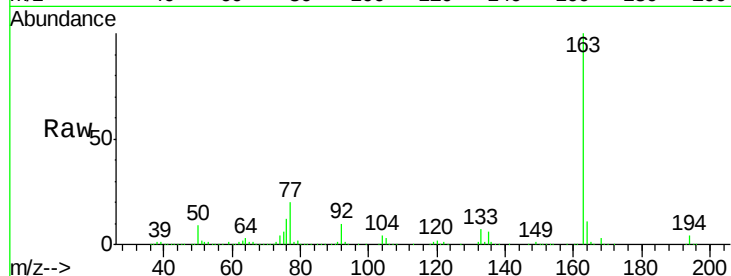
#49  
Dimethylphthalate  
Concen: 42.823 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 820290 |       |       |
| 194     | 3.6   |        | 2.7   | 4.1   |
| 164     | 10.6  |        | 8.2   | 12.2  |

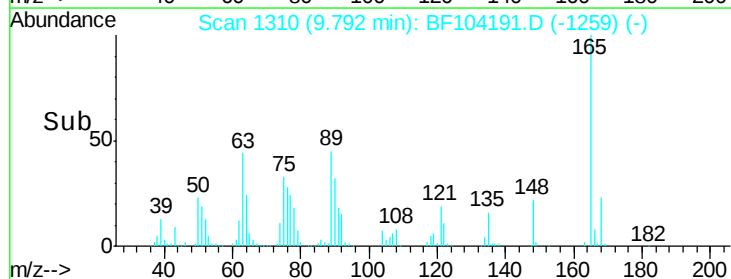
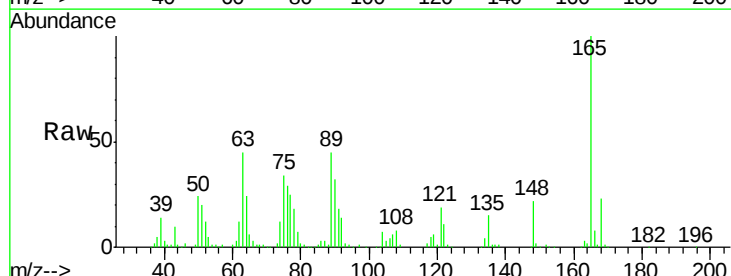
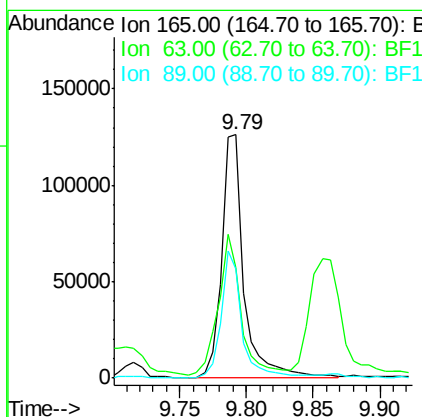
Manual Integrations  
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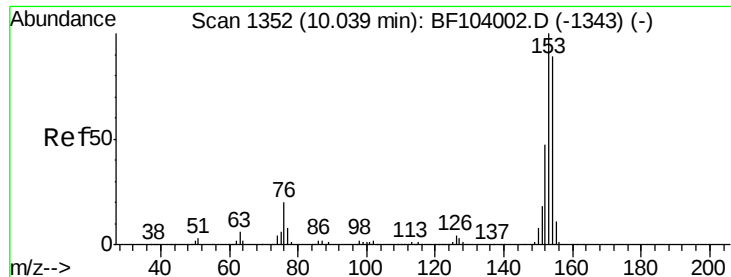
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#50  
2,6-Dinitrotoluene  
Concen: 36.330 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 149720 |       |       |
| 63      | 45.5  |        | 44.7  | 67.1  |
| 89      | 45.1  |        | 44.0  | 66.0  |





#51

Acenaphthene

Concen: 33.394 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

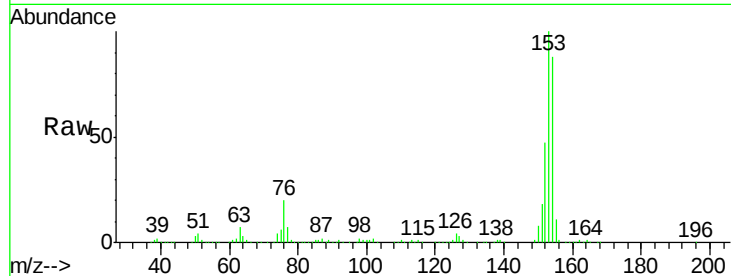
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

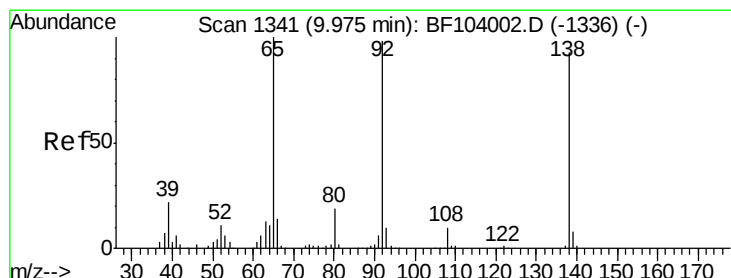
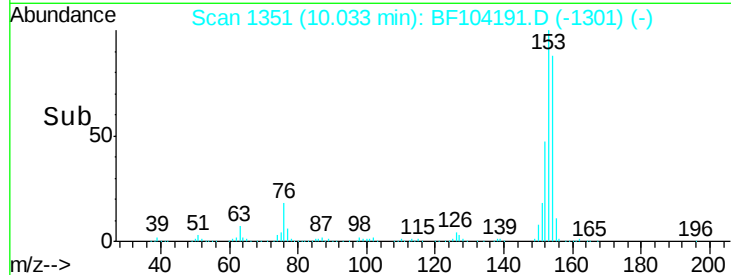
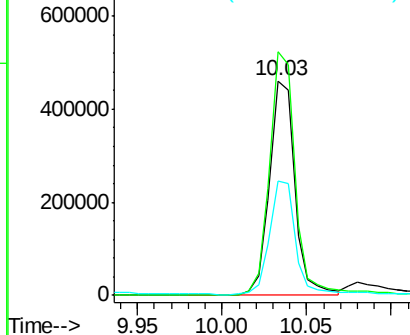
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 480716 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 91.2  | 136.8  |
| 152       | 53.4  | 43.8  | 65.8   |

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



#52

3-Nitroaniline

Concen: 20.137 ng

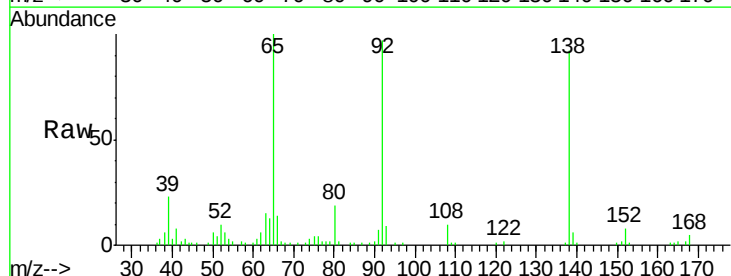
RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

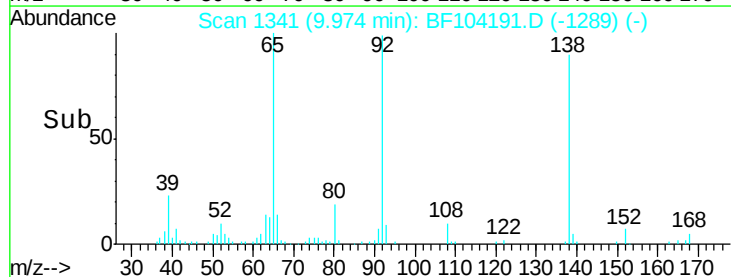
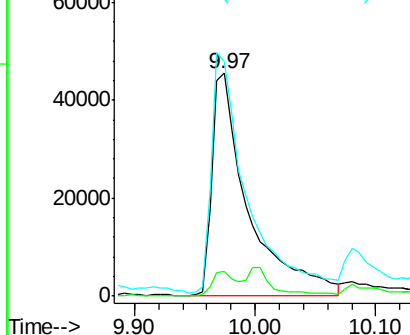
Lab File: BF104191.D

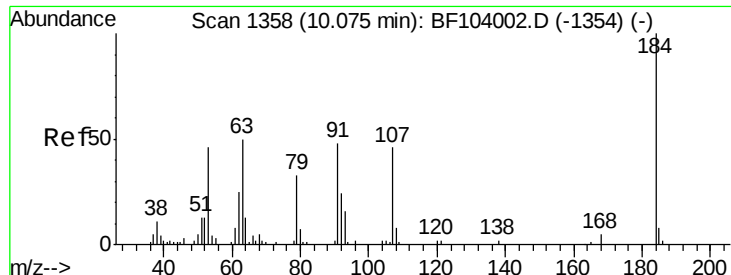
Acq: 3 Apr 2018 20:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 95398 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.3  | 9.4   | 14.0  |
| 92        | 105.6 | 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





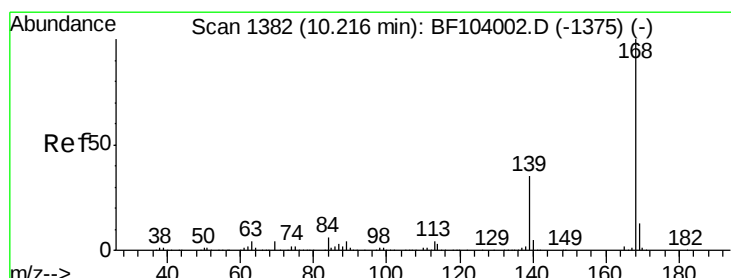
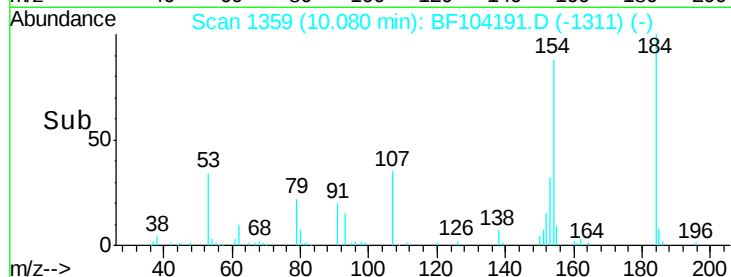
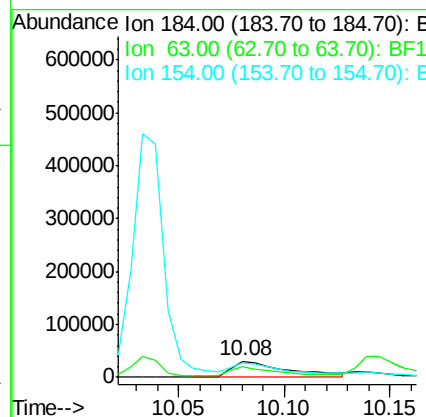
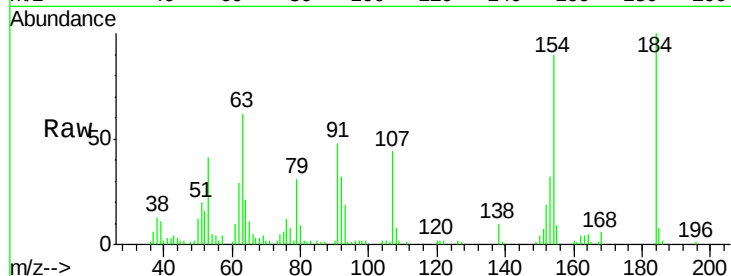
#53  
2,4-Dinitrophenol  
Concen: 35.355 ng  
RT: 10.08 min Scan# 1359  
Delta R.T. -0.02 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   |       |       |       |
| 63      | 62.5  | 54.2  | 81.2  |       |
| 154     | 89.6  | 184.0 | 276.0 |       |

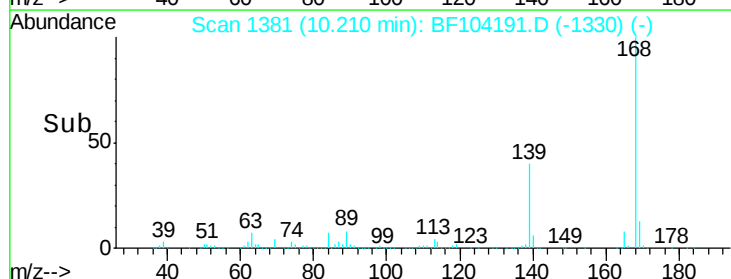
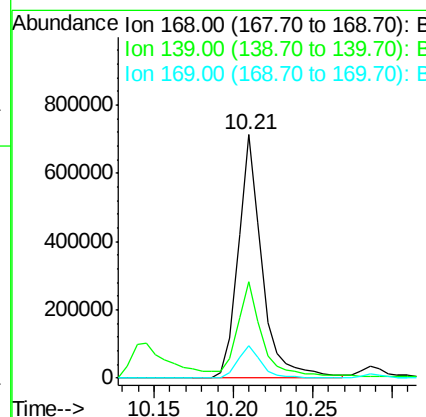
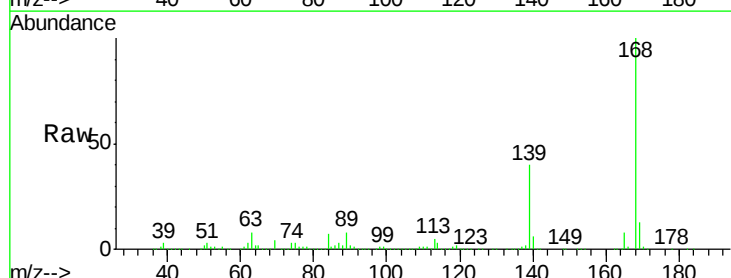
Manual Integrations  
APPROVED

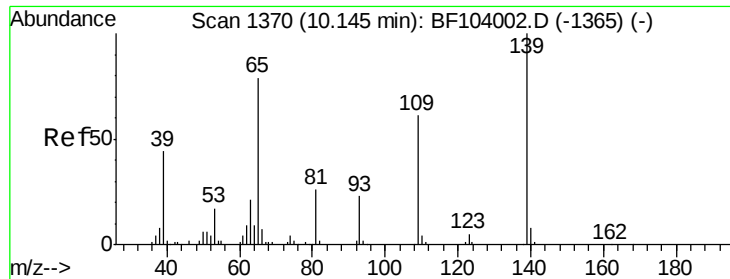
Sohil  
4/4/2018 4:09:48 PM



#54  
Dibenzofuran  
Concen: 35.434 ng  
RT: 10.21 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.8  | 30.1 | 45.1  |       |
| 169     | 13.2  | 10.9 | 16.3  |       |





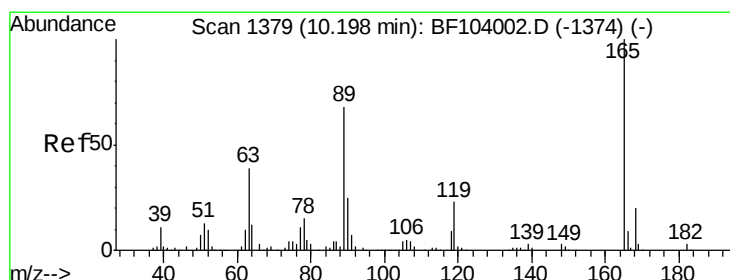
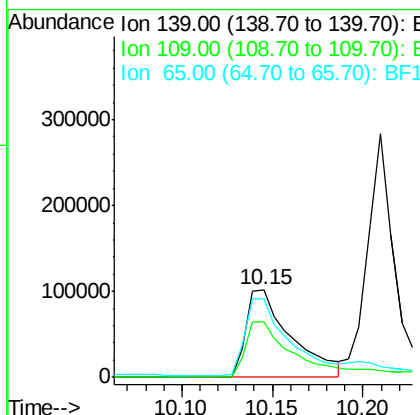
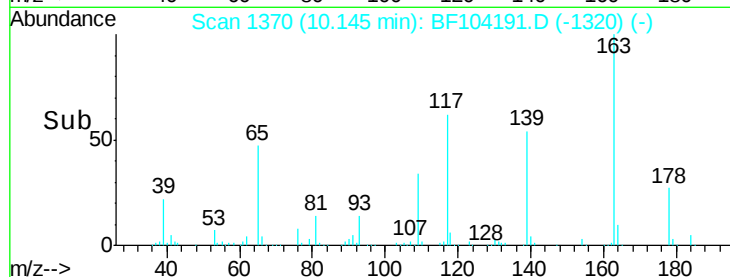
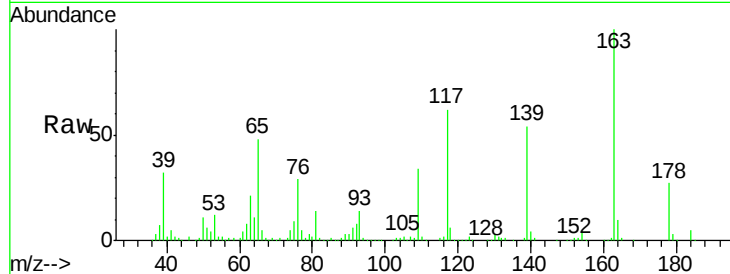
#55  
4-Nitrophenol  
Concen: 62.136 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 176502 |       |       |
| 109     | 63.4  | 48.4   | 88.4  |       |
| 65      | 89.9  | 72.6   | 112.6 |       |

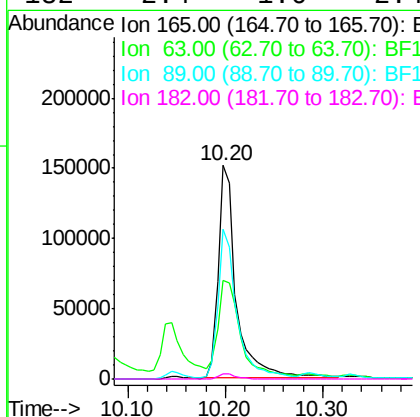
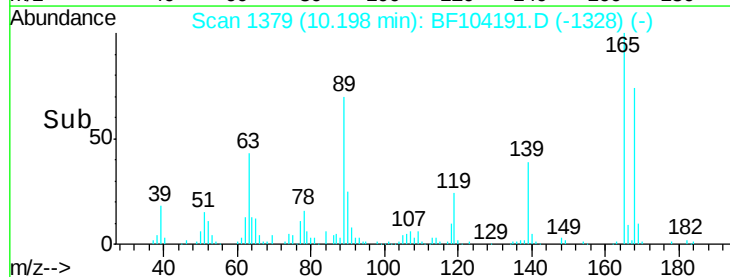
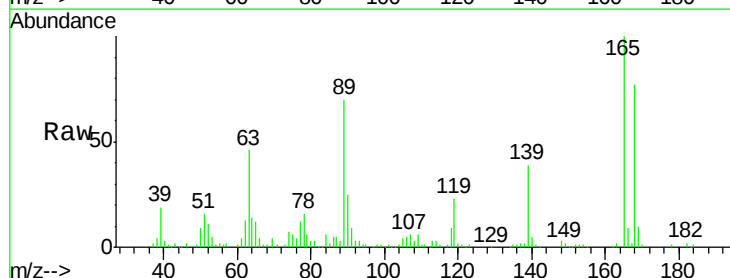
Manual Integrations  
APPROVED

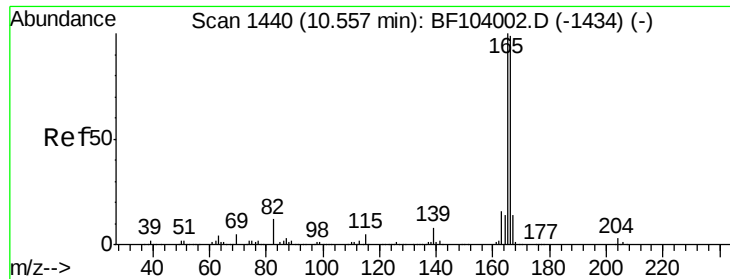
Sohil  
4/4/2018 4:09:48 PM



#56  
2,4-Dinitrotoluene  
Concen: 37.406 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 196706 |       |       |
| 63      | 46.0  | 36.4   | 54.6  |       |
| 89      | 70.1  | 57.8   | 86.6  |       |
| 182     | 2.4   | 1.6    | 2.4   | #     |





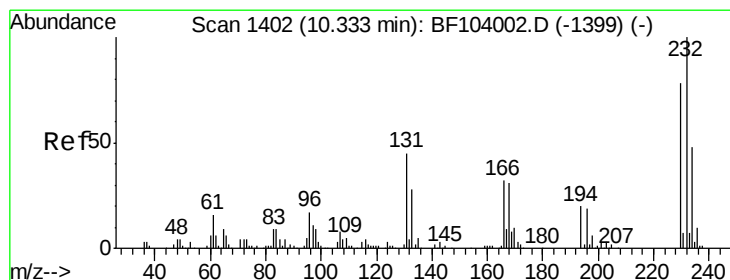
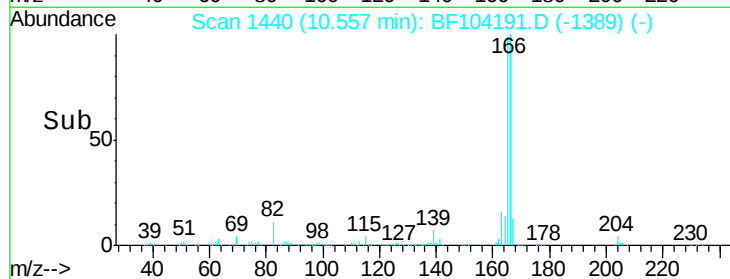
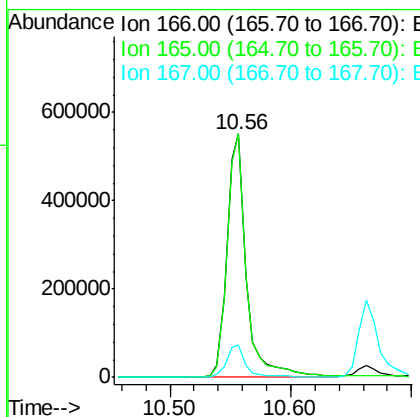
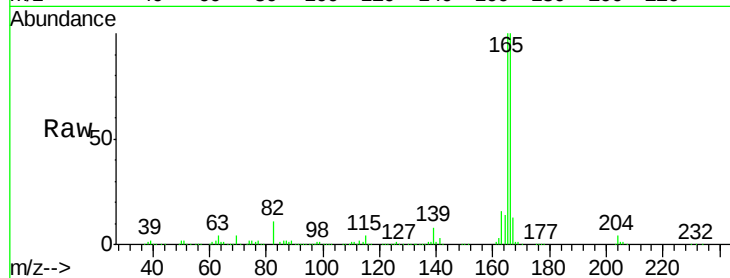
#57  
 Fluorene  
 Concen: 35.355 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 613077 |       |       |
| 165     | 100.1 | 79.8   | 119.8 |       |
| 167     | 13.2  | 10.6   | 16.0  |       |

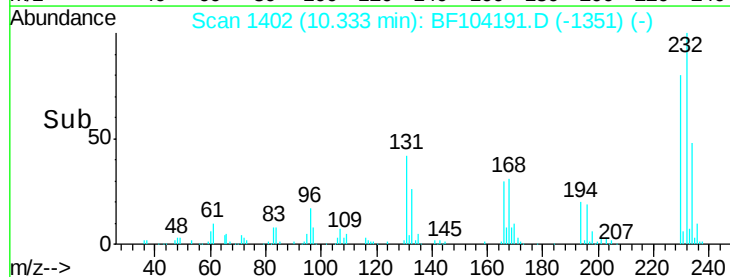
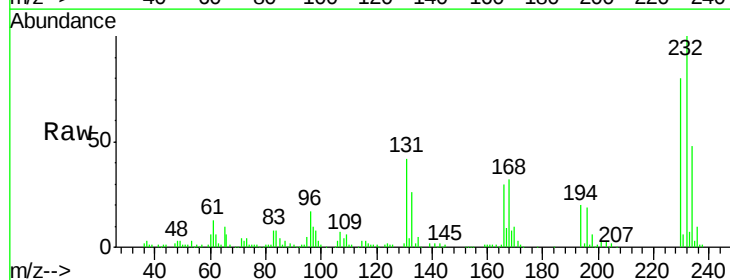
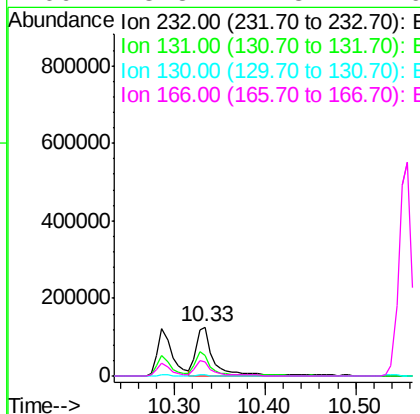
Manual Integrations  
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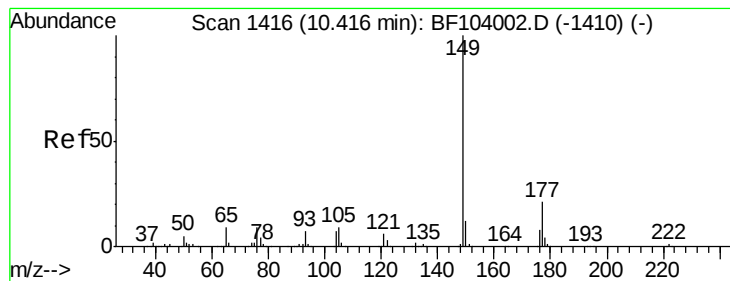
Sohil  
 4/4/2018 4:09:48 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.742 ng  
 RT: 10.33 min Scan# 1402  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 165108 |       |       |
| 131     | 43.2  | 43.8   | 65.8# |       |
| 130     | 2.2   | 2.1    | 3.1   |       |
| 166     | 28.8  | 27.8   | 41.6  |       |





#59

Diethylphthalate

Concen: 35.502 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

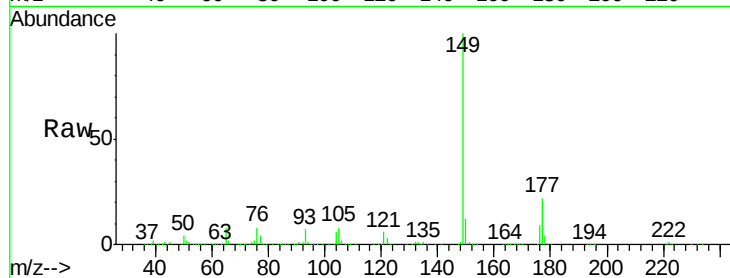
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

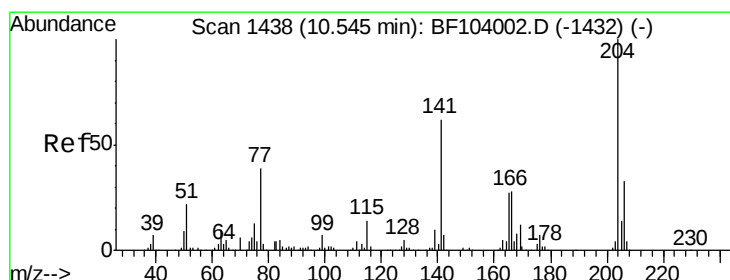
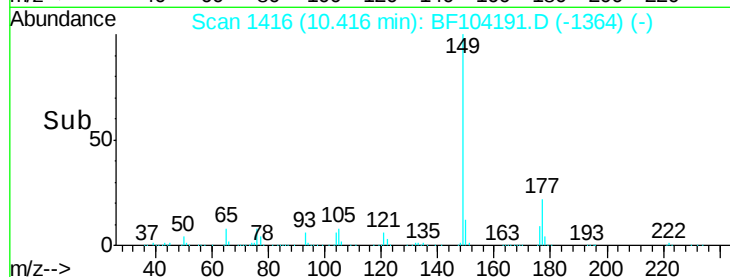
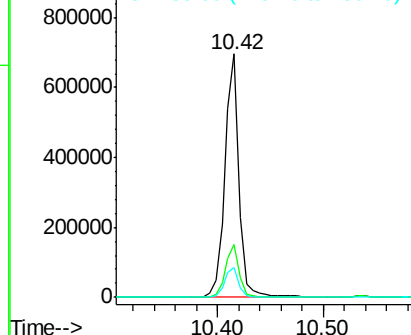
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 651488 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.8  | 16.1  | 24.1   |
| 150       | 12.1  | 10.1  | 15.1   |

Manual Integrations  
APPROVED

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.958 ng

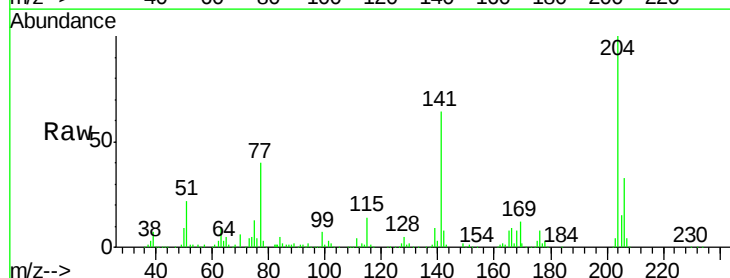
RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

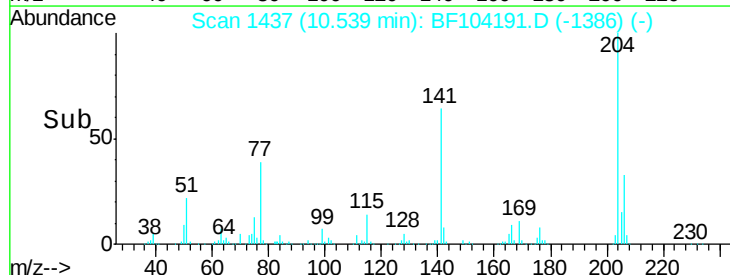
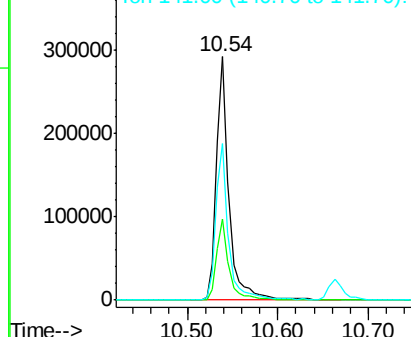
Lab File: BF104191.D

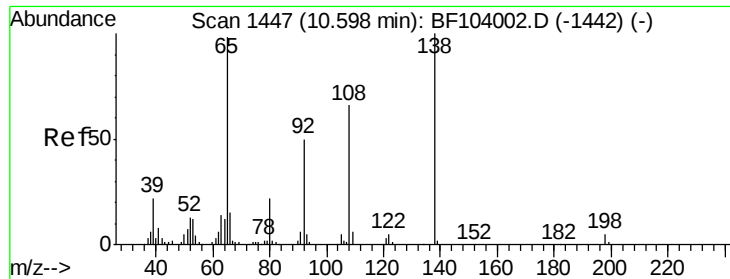
Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 286382 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.3  | 26.5  | 39.7   |
| 141       | 64.3  | 54.6  | 81.8   |



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





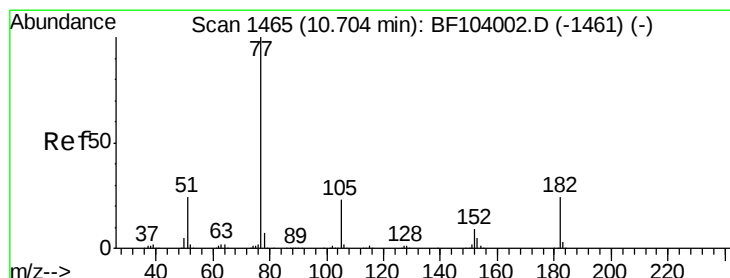
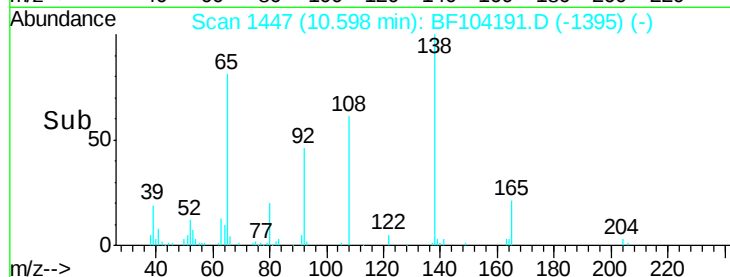
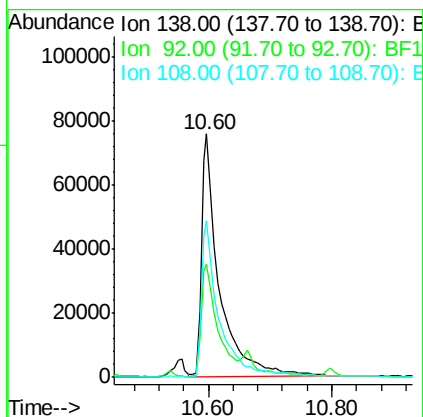
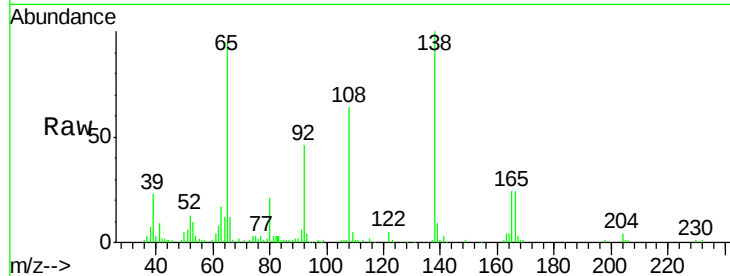
#61  
4-Nitroaniline  
Concen: 34.454 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. 0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.5  | 30.2  | 70.2  |
| 108     | 64.5  | 52.5  | 92.5  |

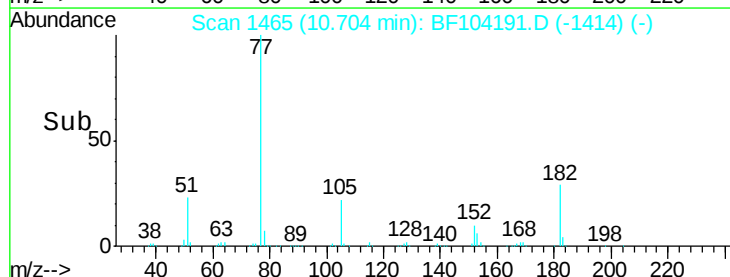
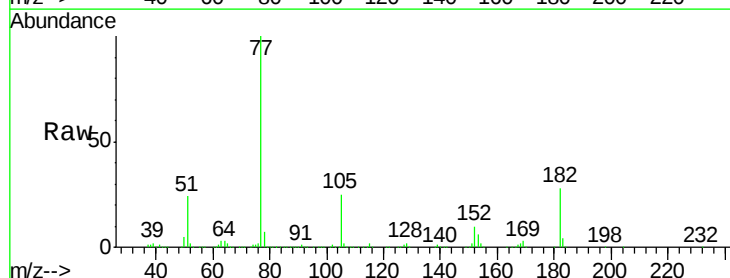
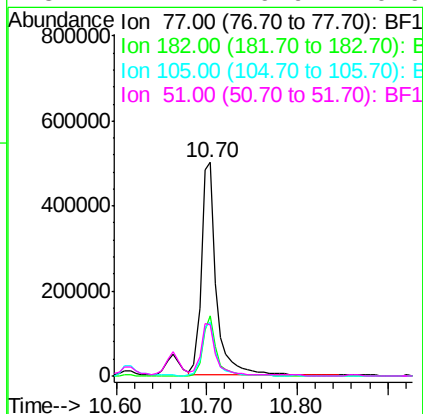
Manual Integrations  
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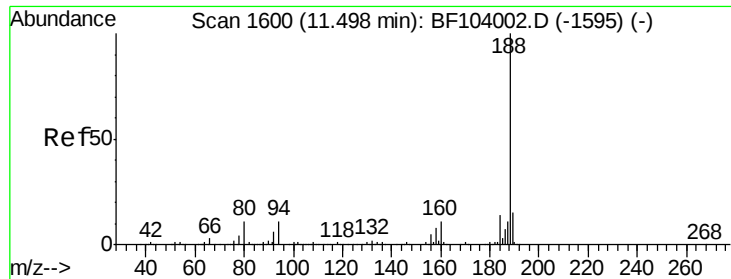
Sohil  
4/4/2018 4:09:48 PM



#62  
Azobenzene  
Concen: 35.040 ng  
RT: 10.70 min Scan# 1465  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.0  | 1.7   | 41.7  |
| 105     | 25.2  | 3.0   | 43.0  |
| 51      | 24.1  | 9.9   | 49.9  |





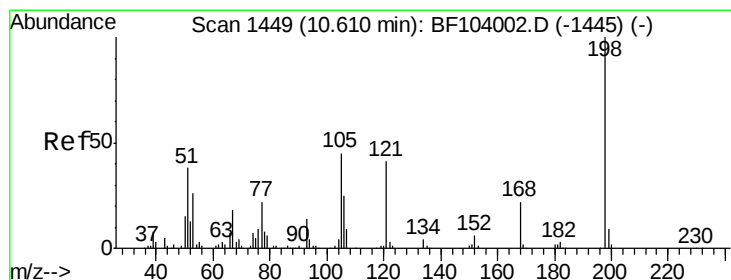
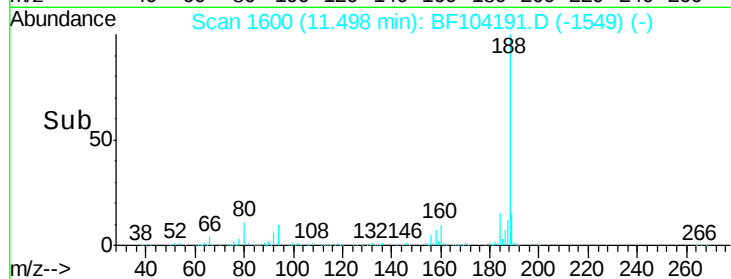
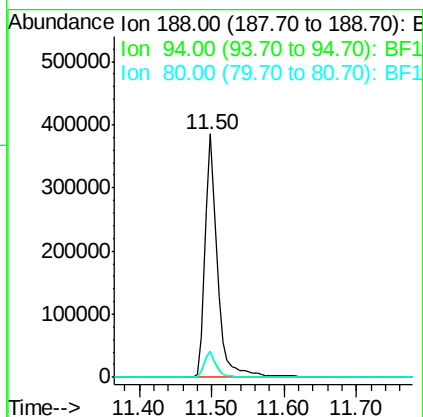
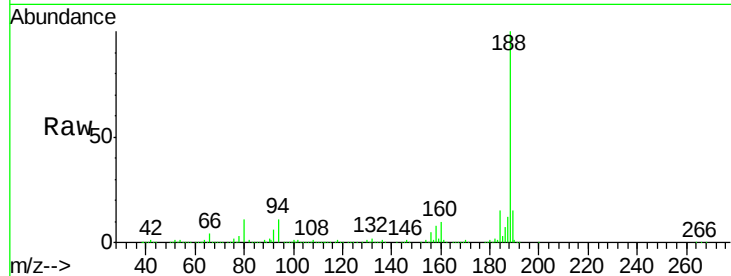
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 462855 |       |       |
| 94      | 10.6  |        | 8.5   | 12.7  |
| 80      | 10.8  |        | 9.2   | 13.8  |

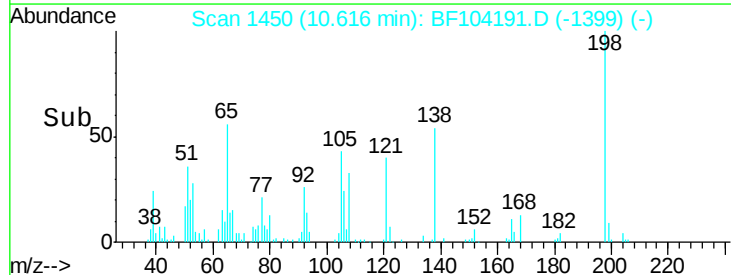
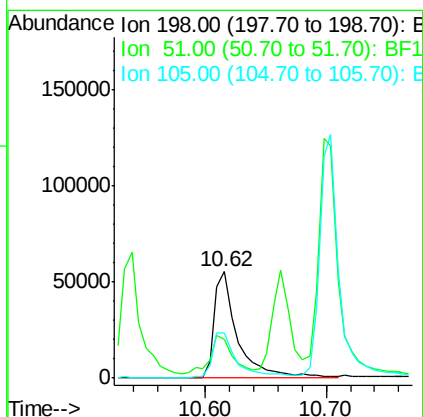
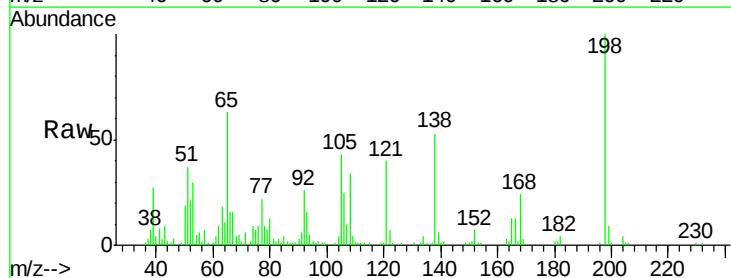
Manual Integrations  
APPROVED

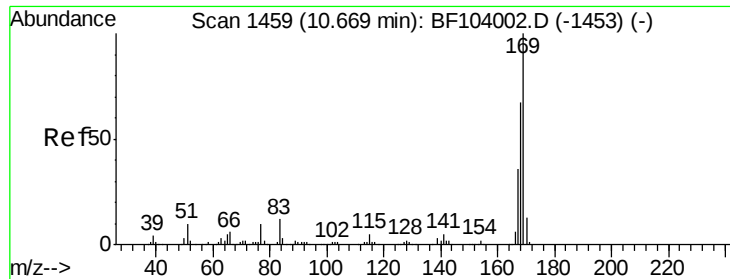
Sohil  
4/4/2018 4:09:48 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 26.606 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 74545 |       |       |
| 51      | 36.5  |       | 37.7  | 77.7# |
| 105     | 42.8  |       | 36.3  | 76.3  |





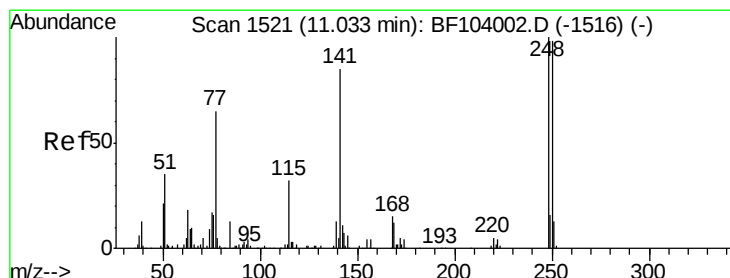
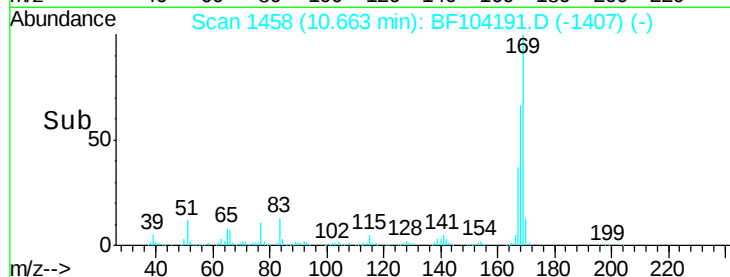
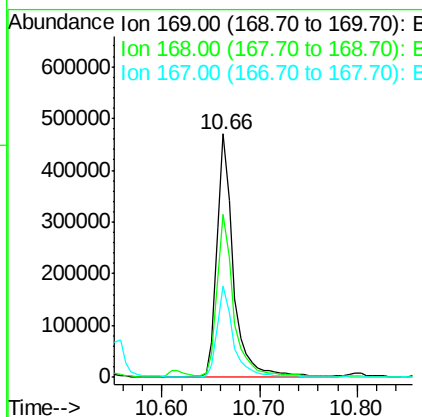
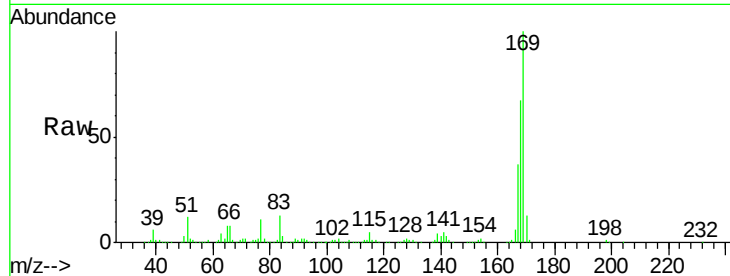
#65  
n-Nitrosodiphenylamine  
Concen: 35.420 ng  
RT: 10.66 min Scan# 1458  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 555214 |       |       |
| 168     | 67.0  |        | 54.4  | 81.6  |
| 167     | 37.3  |        | 29.8  | 44.6  |

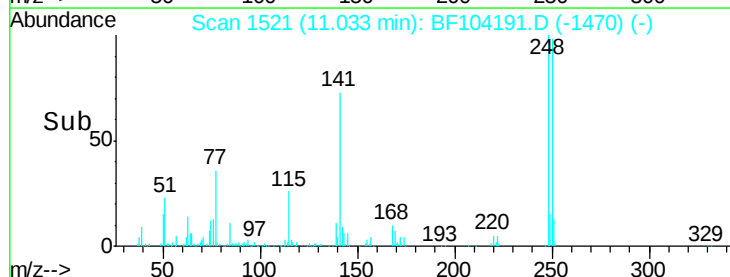
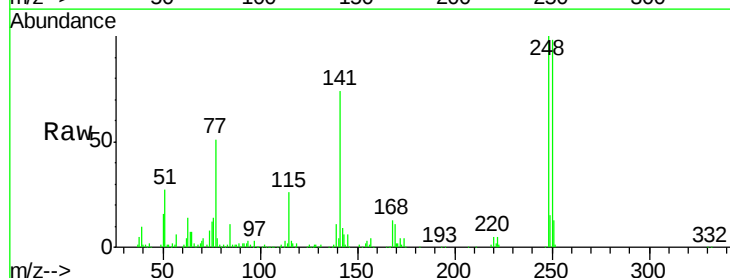
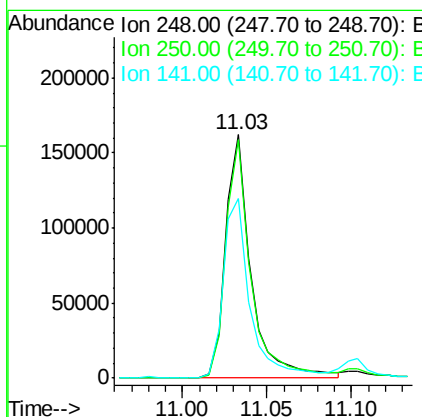
Manual Integrations  
APPROVED

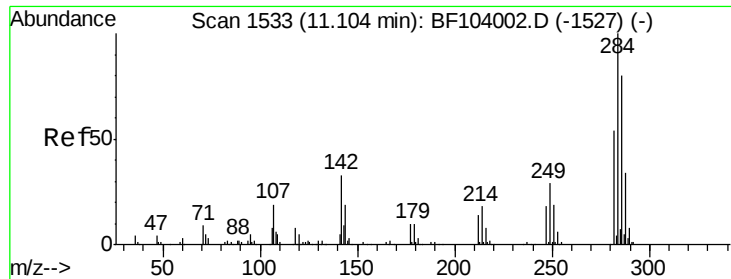
Sohil  
4/4/2018 4:09:48 PM



#66  
4-Bromophenyl-phenylether  
Concen: 34.651 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper  |
|---------|-------|--------|-------|--------|
| 248     | 100   | 171589 |       |        |
| 250     | 97.8  |        | 76.9  | 115.3  |
| 141     | 73.7  |        | 74.4  | 111.6# |





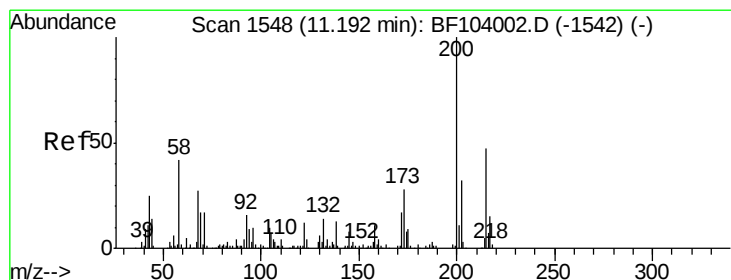
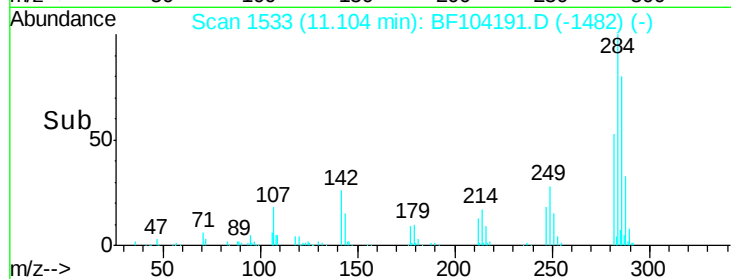
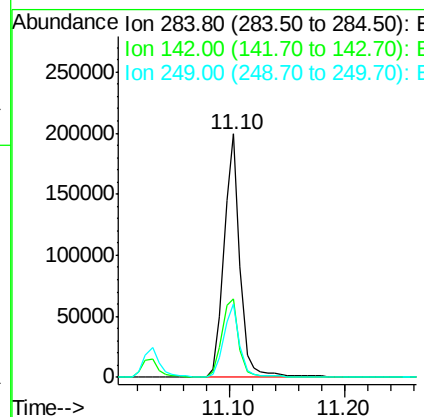
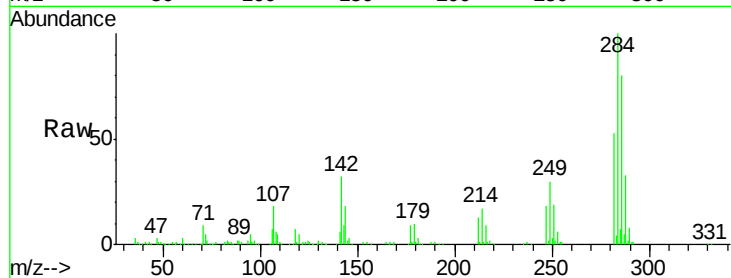
#67  
Hexachlorobenzene  
Concen: 33.709 ng  
RT: 11.10 min Scan# 1533  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 192014 |       |       |
| 142     | 32.0  | 34.6   | 52.0  |       |
| 249     | 30.1  | 24.8   | 37.2  |       |

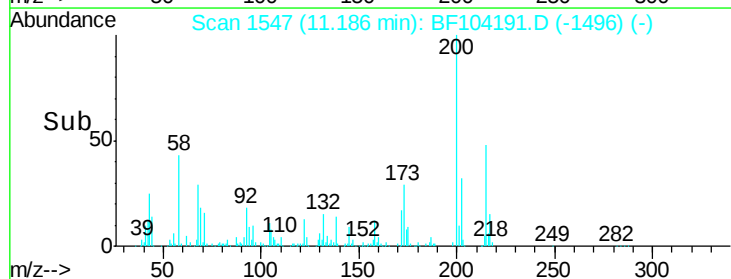
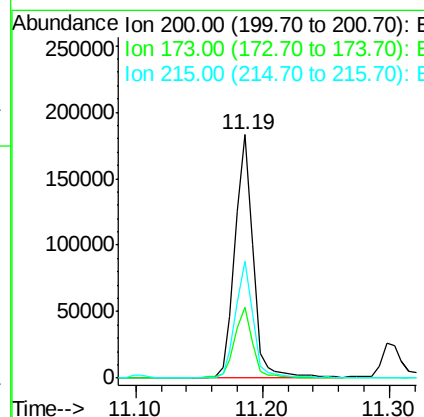
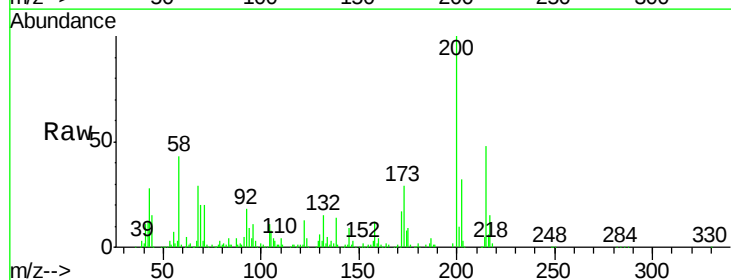
Manual Integrations  
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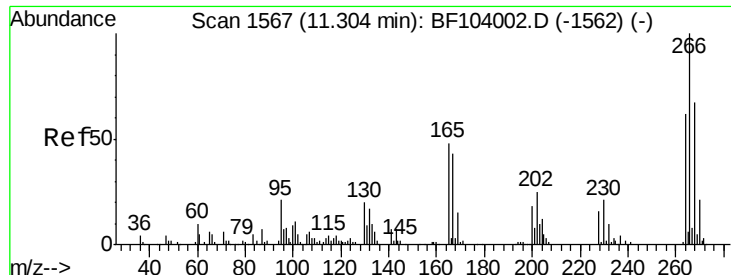
Sohil  
4/4/2018 4:09:48 PM



#68  
Atrazine  
Concen: 37.895 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 181982 |       |       |
| 173     | 28.8  | 8.6    | 48.6  |       |
| 215     | 48.1  | 25.1   | 65.1  |       |





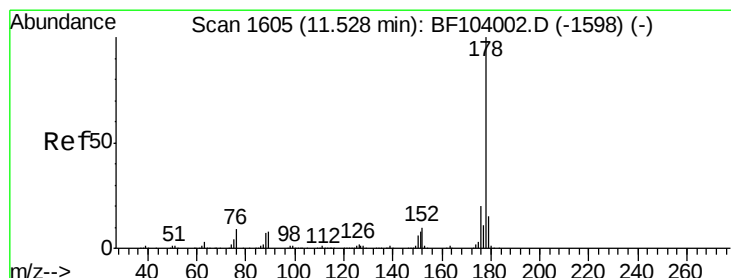
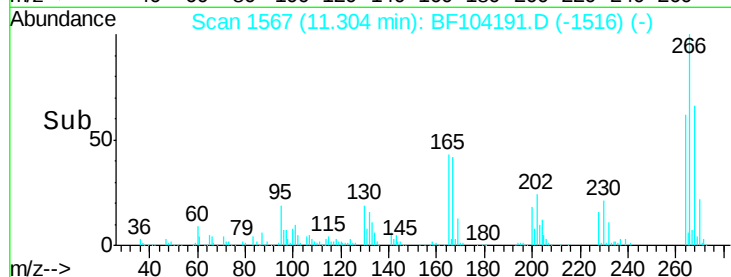
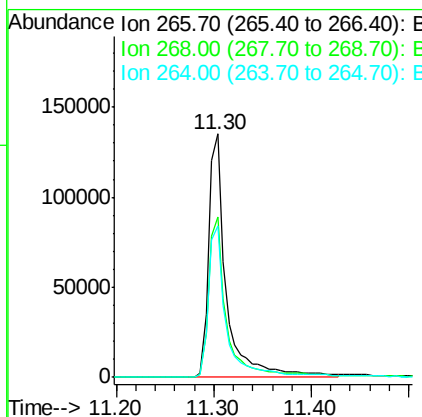
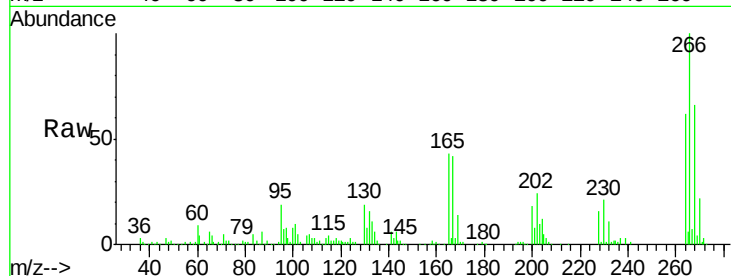
#69  
 Pentachlorophenol  
 Concen: 54.702 ng  
 RT: 11.30 min Scan# 1567  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.0  | 51.1  | 76.7  |
| 264     | 62.2  | 49.5  | 74.3  |

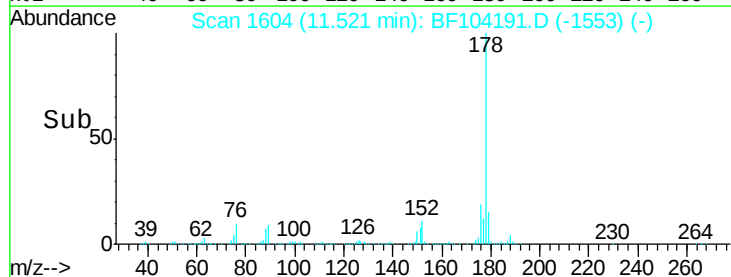
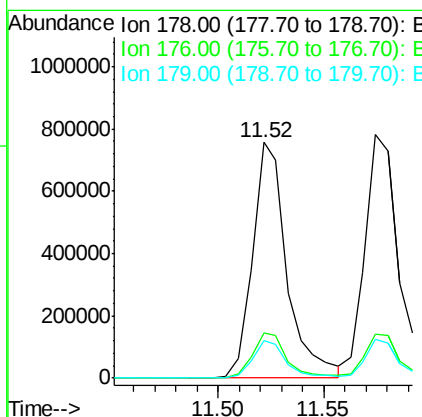
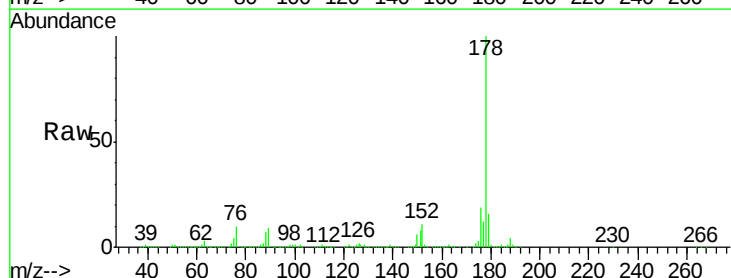
Manual Integrations  
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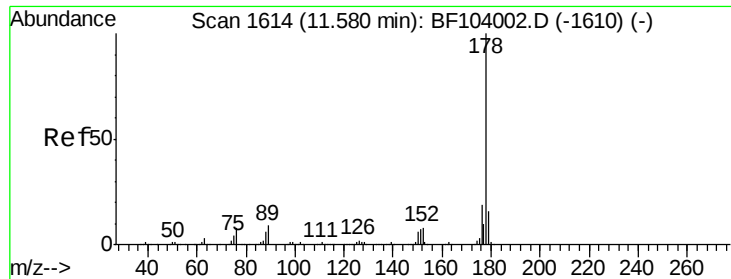
Sohil  
 4/4/2018 4:09:48 PM



#70  
 Phenanthrene  
 Concen: 34.240 ng  
 RT: 11.52 min Scan# 1604  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.8  | 23.8  |
| 179     | 15.7  | 13.0  | 19.6  |





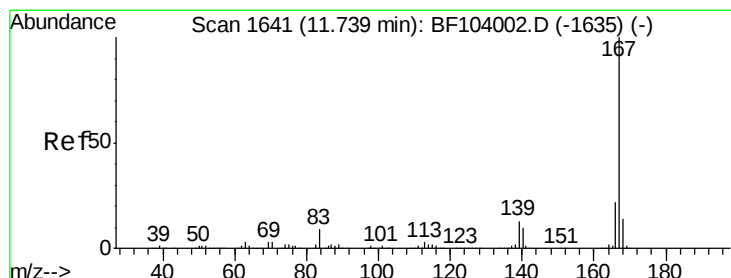
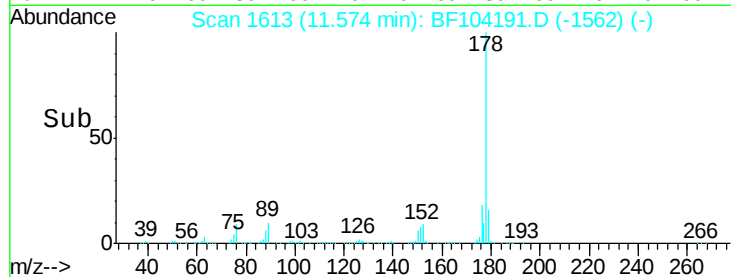
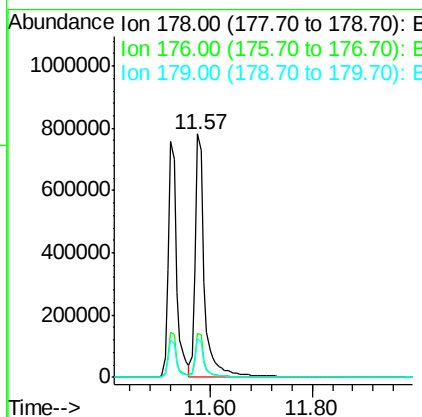
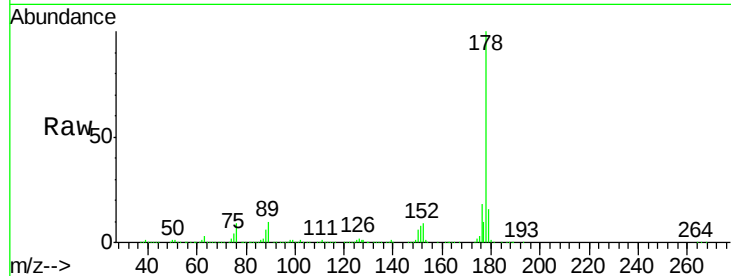
#71  
 Anthracene  
 Concen: 37.784 ng  
 RT: 11.57 min Scan# 1613  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 18.1 | 15.4  | 23.2  |       |
| 179     | 15.9 | 12.6  | 19.0  |       |

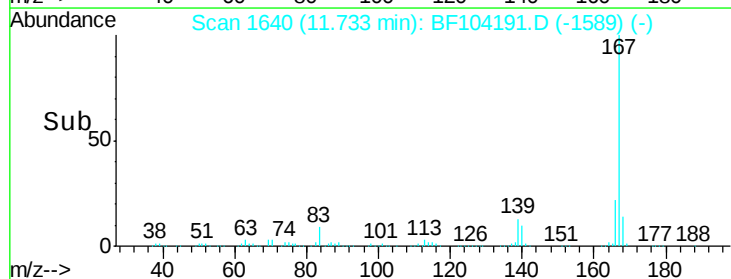
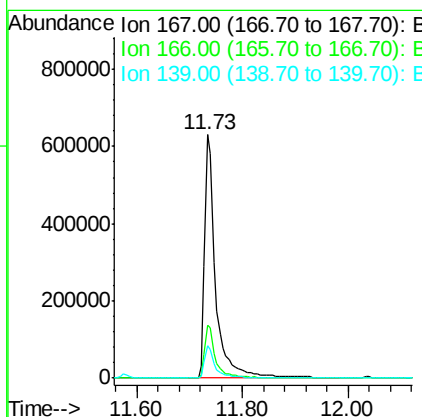
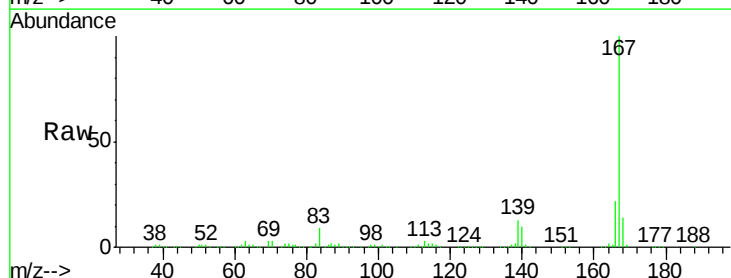
Manual Integrations  
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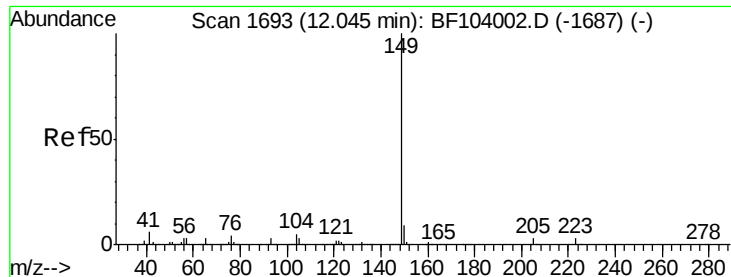
Sohil  
 4/4/2018 4:09:48 PM



#72  
 Carbazole  
 Concen: 36.514 ng  
 RT: 11.73 min Scan# 1640  
 Delta R.T. -0.00 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 21.6 | 17.6  | 26.4  |       |
| 139     | 13.1 | 10.9  | 16.3  |       |





#73

Di-n-butylphthalate

Concen: 34.627 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

Tot Ion:149 Resp: 1030441

Ion Ratio Lower Upper

149 100

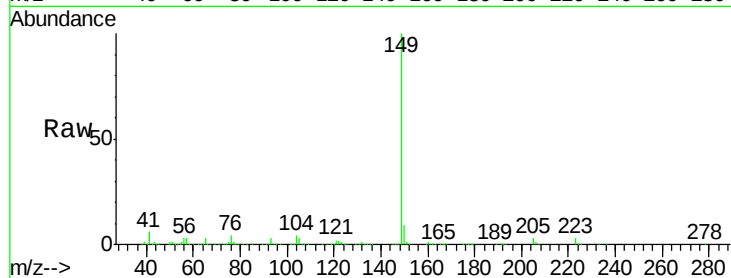
150 9.4 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations  
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

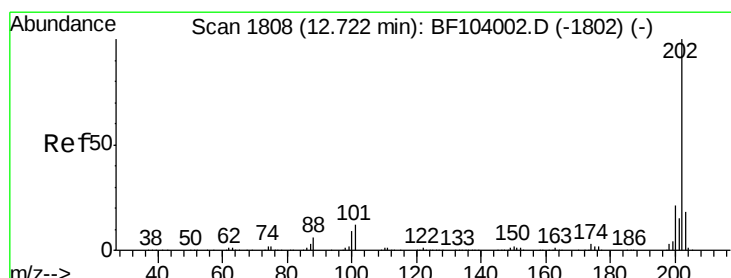
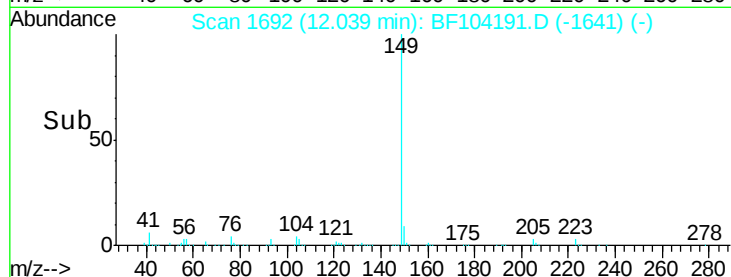
12.04

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 35.167 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

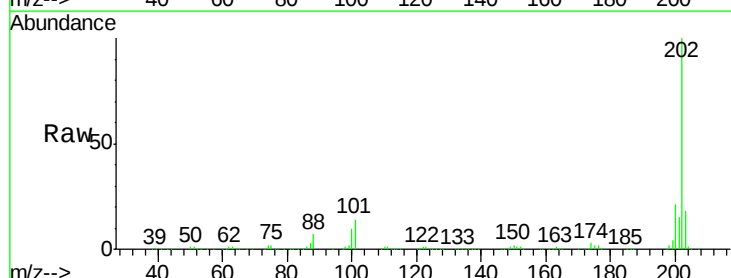
Tgt Ion:202 Resp: 936739

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.72

1000000

800000

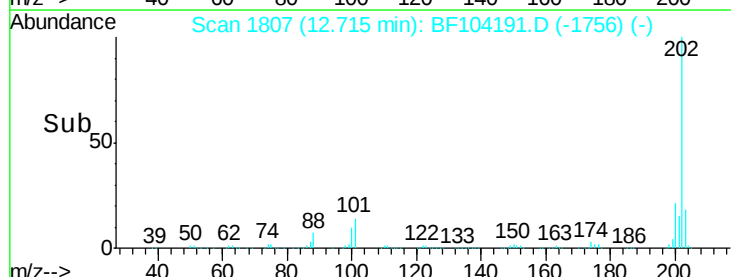
600000

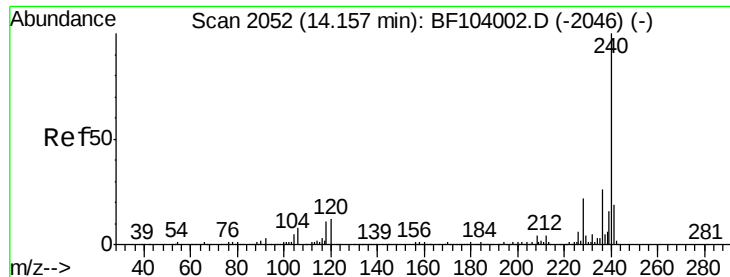
400000

200000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

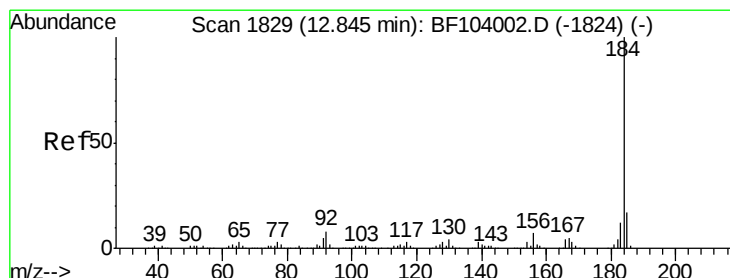
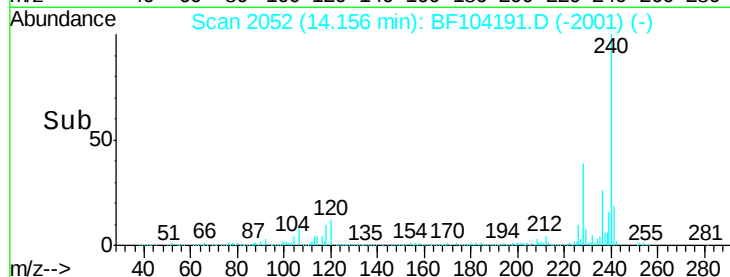
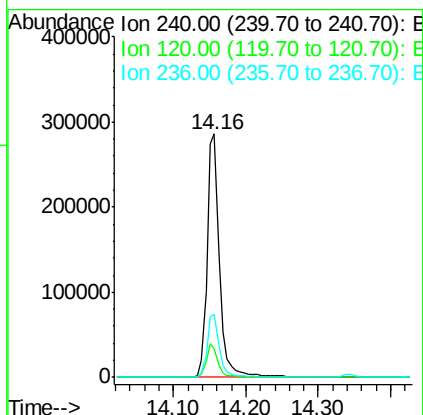
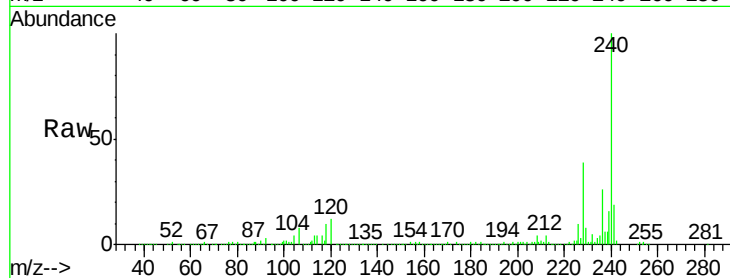
ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 339187 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.6  | 9.5   | 14.3   |
| 236       | 26.0  | 20.7  | 31.1   |

Manual Integrations  
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#76

Benzidine

Concen: 33.411 ng

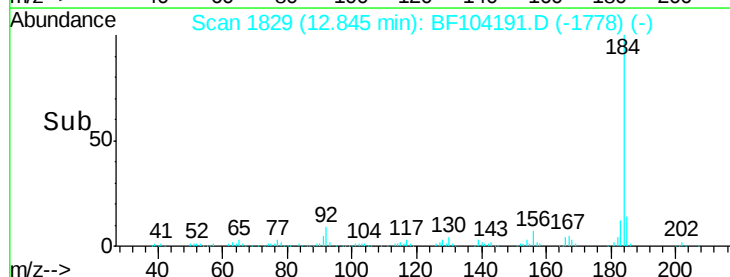
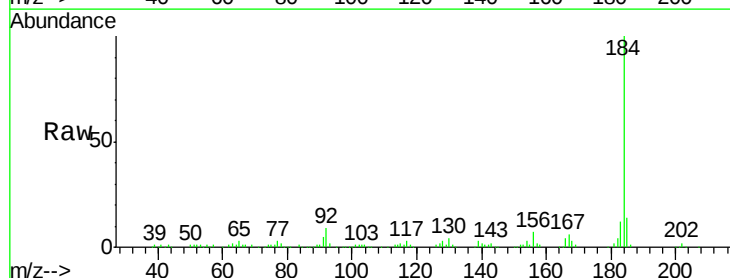
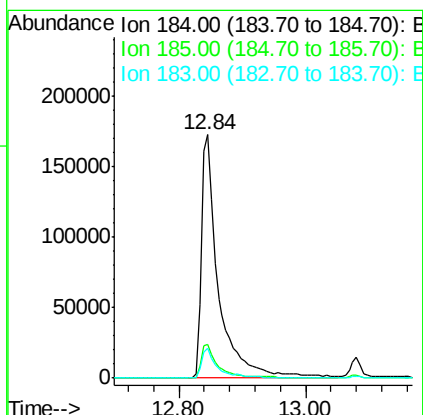
RT: 12.84 min Scan# 1829

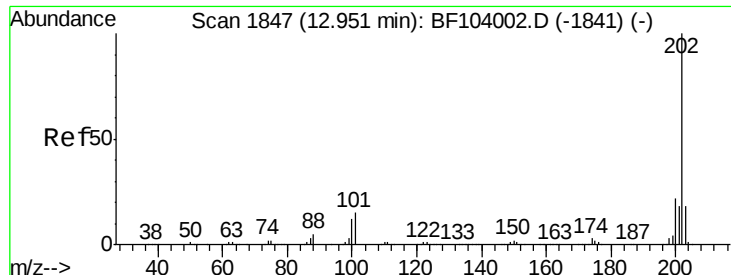
Delta R.T. -0.00 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 322949 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.6  | 12.6  | 18.8   |
| 183       | 12.0  | 9.3   | 13.9   |





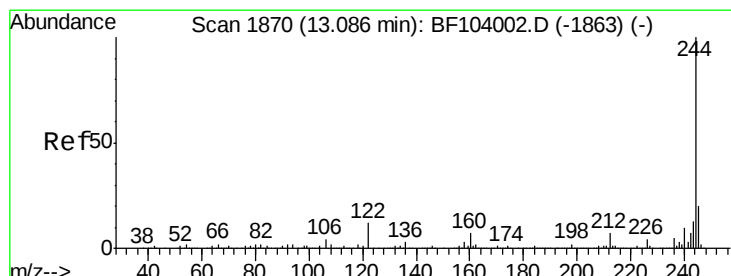
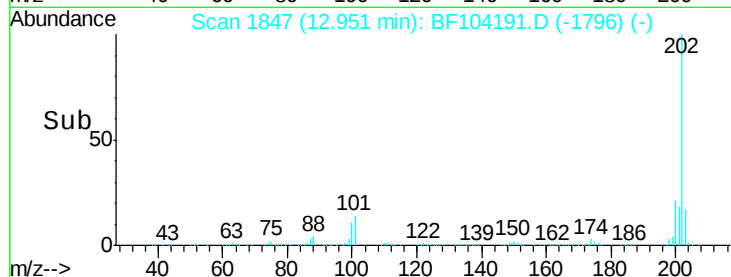
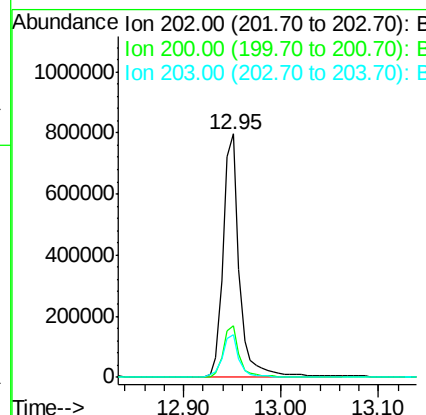
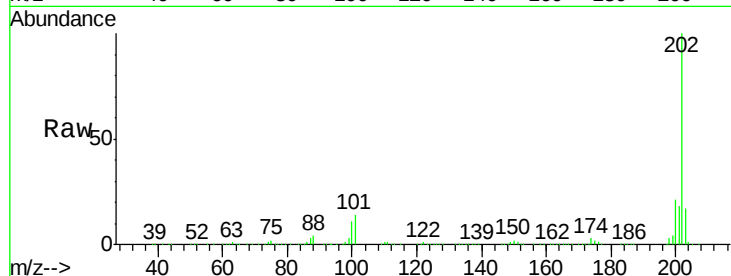
#77  
Pvrene  
Concen: 37.673 ng  
RT: 12.95 min Scan# 1847  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.3  |      | 17.4  | 26.2  |
| 203     | 17.3  |      | 14.3  | 21.5  |

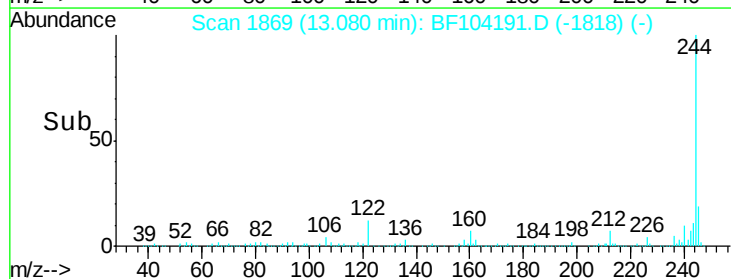
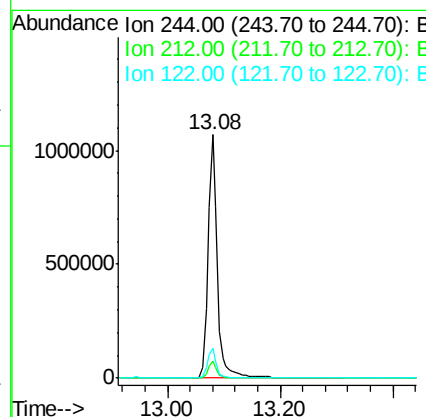
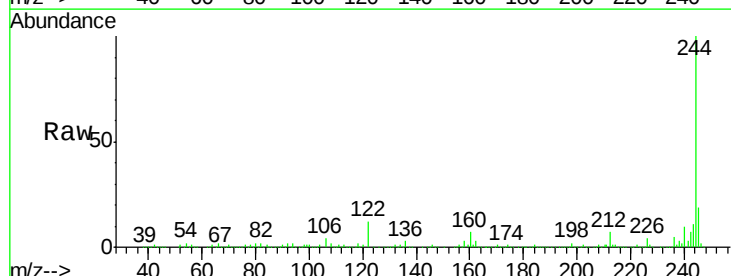
Manual Integrations  
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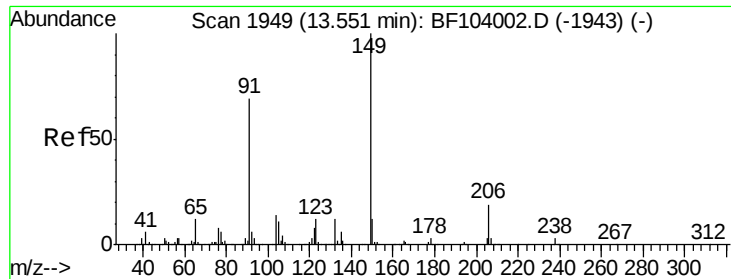
Sohil  
4/4/2018 4:09:48 PM



#78  
Terphenyl-d14  
Concen: 84.315 ng  
RT: 13.08 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 6.8   |      | 5.4   | 8.0   |
| 122     | 12.3  |      | 11.0  | 16.4  |





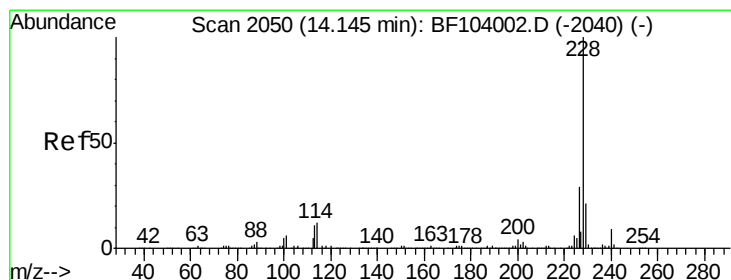
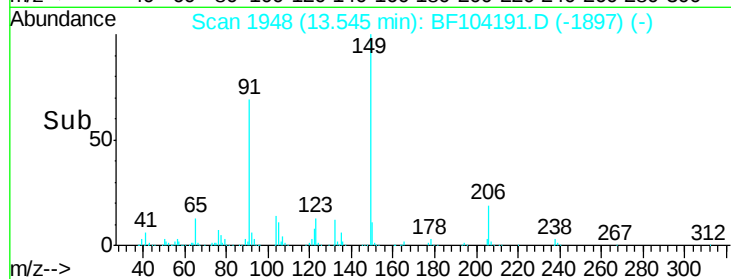
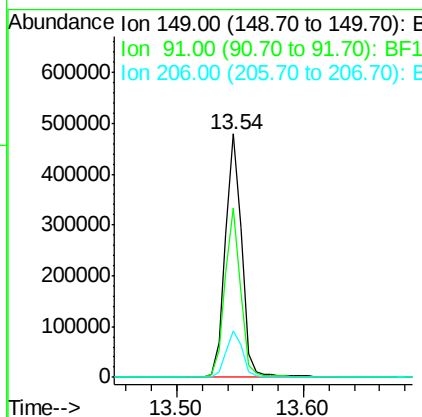
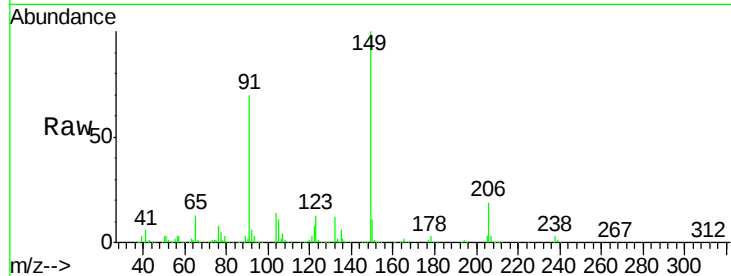
#79  
Butylbenzylphthalate  
Concen: 37.481 ng  
RT: 13.54 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 430555 |       |       |
| 91      | 69.6  | 56.8   | 85.2  |       |
| 206     | 18.9  | 14.1   | 21.1  |       |

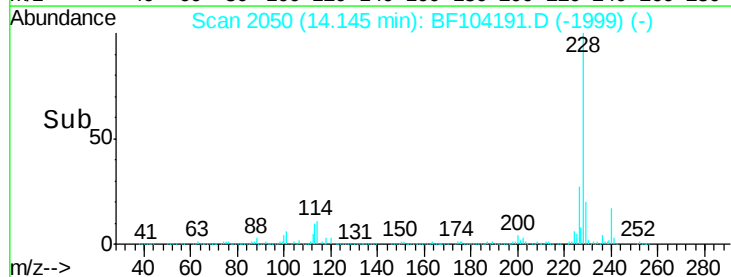
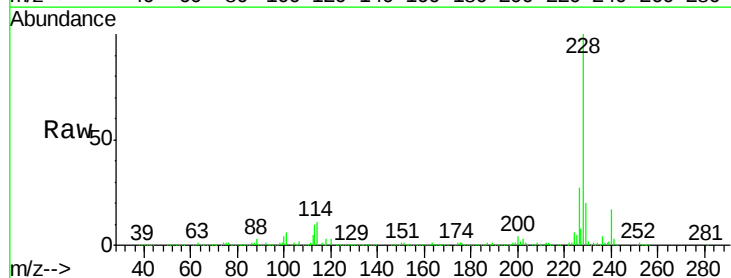
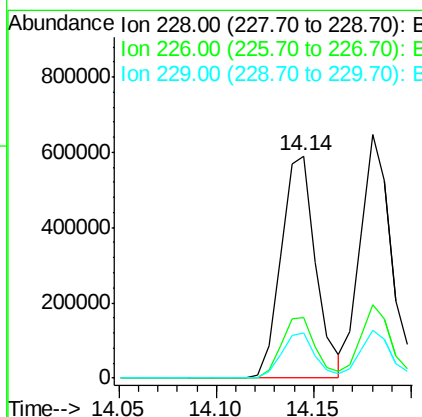
Manual Integrations  
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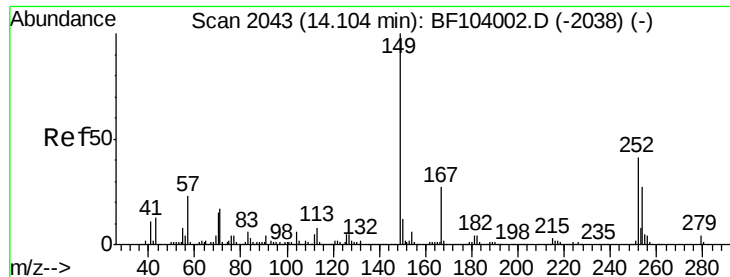
Sohil  
4/4/2018 4:09:48 PM



#80  
Benzo(a)anthracene  
Concen: 34.184 ng  
RT: 14.14 min Scan# 2050  
Delta R.T. -0.00 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 725502 |       |       |
| 226     | 27.2  | 22.6   | 33.8  |       |
| 229     | 20.1  | 15.8   | 23.6  |       |





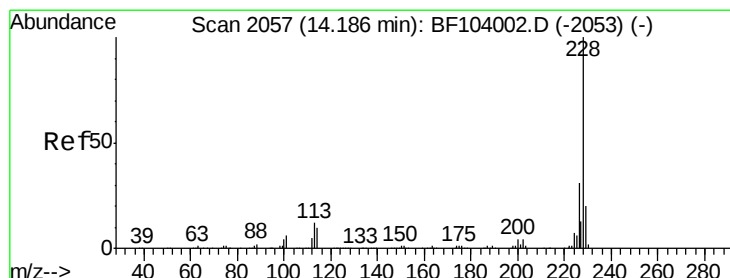
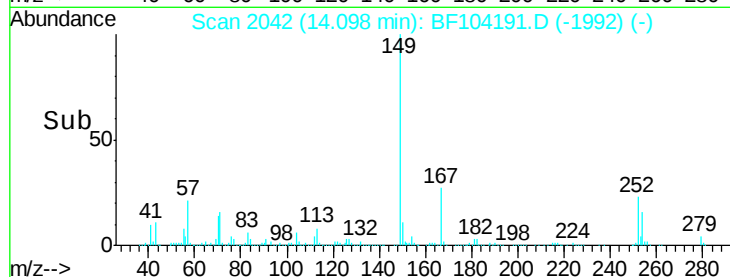
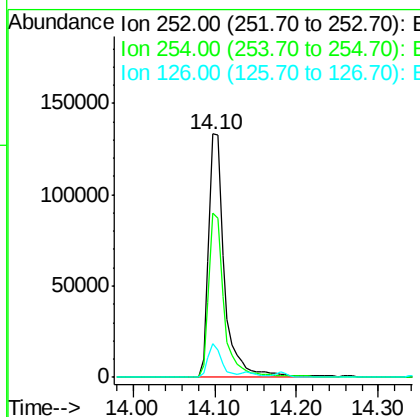
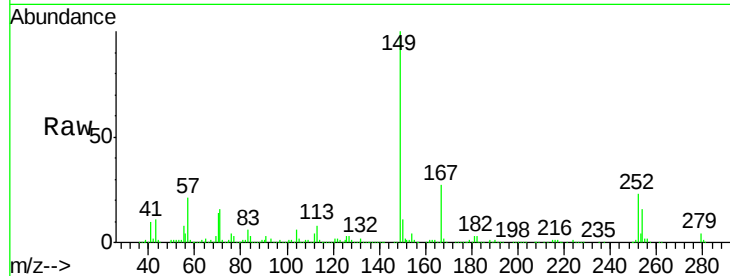
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.691 ng  
 RT: 14.10 min Scan# 2042  
 Delta R.T. -0.01 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 180480 |       |       |
| 254     | 67.5  | 50.4   | 75.6  |       |
| 126     | 13.8  | 11.3   | 16.9  |       |

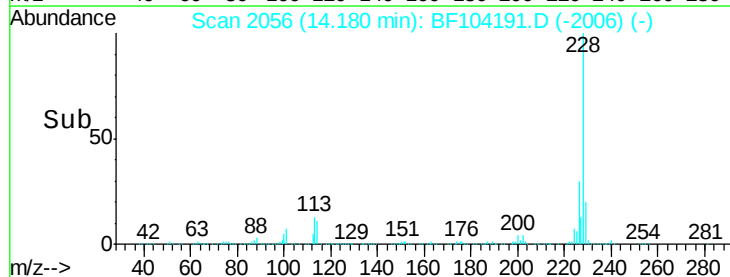
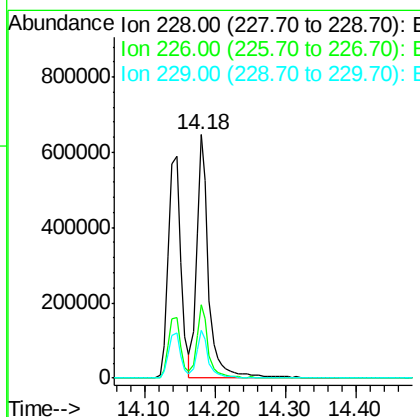
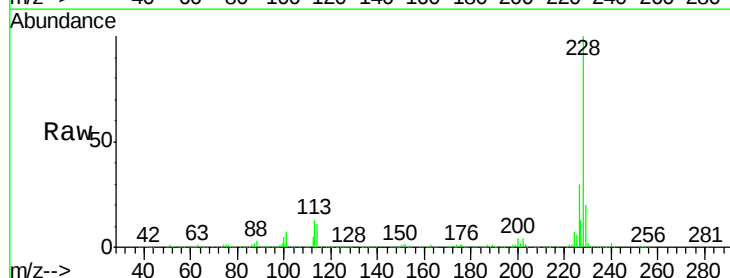
Manual Integrations  
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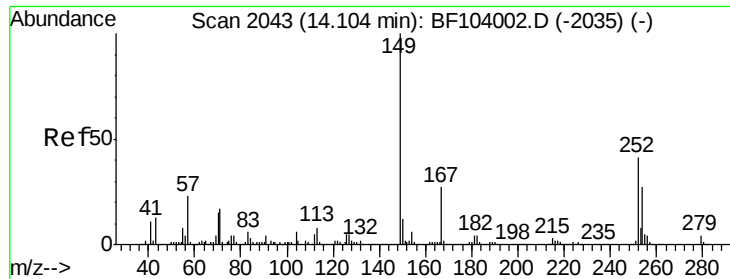
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#82  
 Chrysene  
 Concen: 37.305 ng  
 RT: 14.18 min Scan# 2056  
 Delta R.T. -0.01 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 775485 |       |       |
| 226     | 30.3  | 25.0   | 37.6  |       |
| 229     | 19.9  | 16.2   | 24.4  |       |





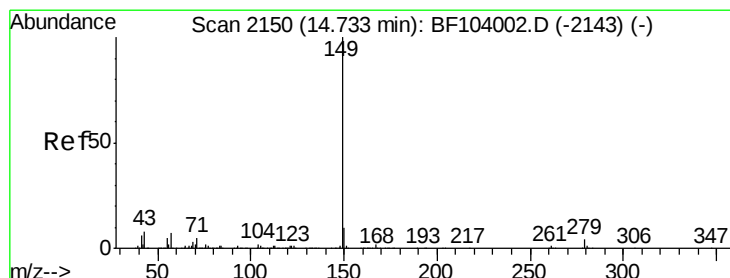
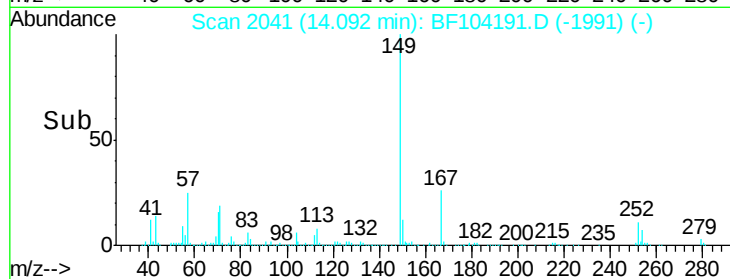
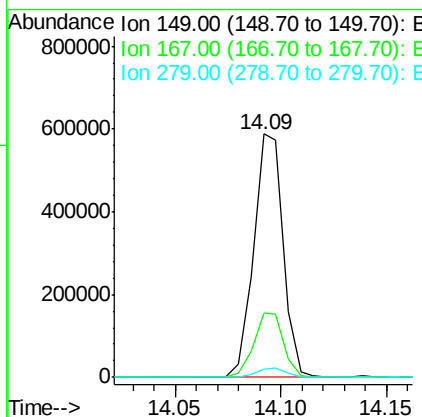
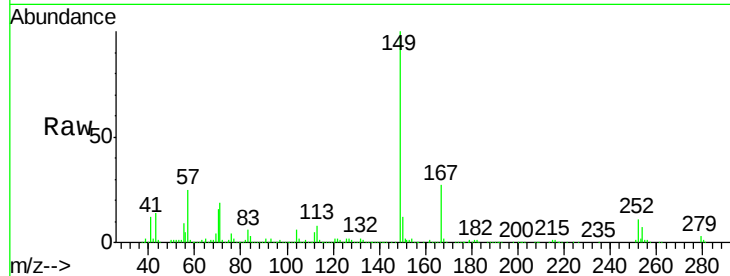
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 38.547 ng  
RT: 14.09 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.6  | 21.3  | 31.9  |
| 279     | 3.3   | 3.0   | 4.4   |

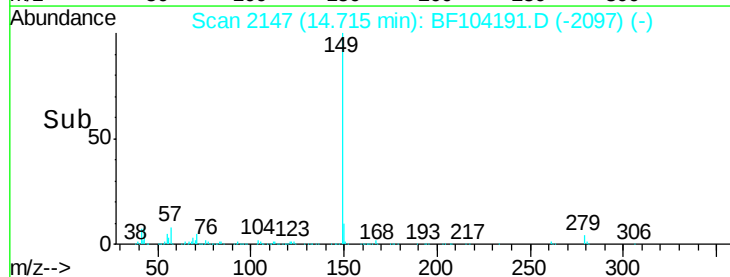
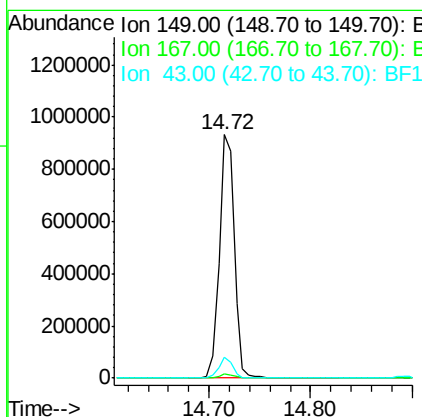
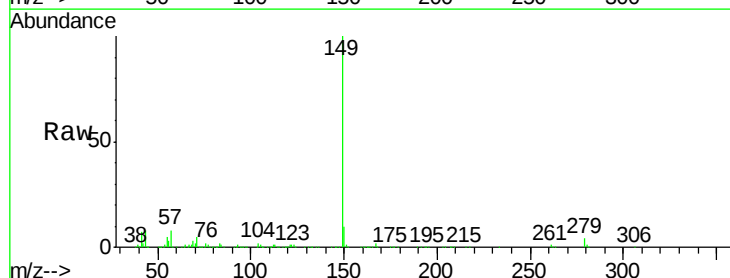
Manual Integrations  
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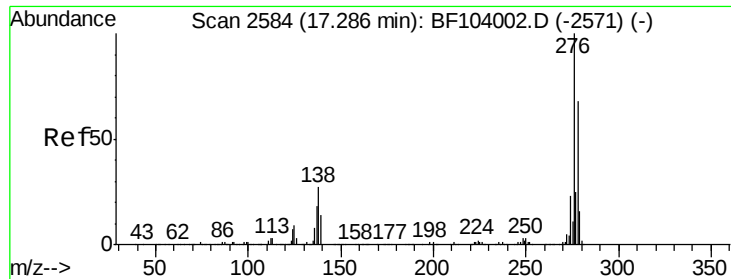
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#84  
Di-n-octyl phthalate  
Concen: 37.297 ng  
RT: 14.72 min Scan# 2147  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.2   | 1.8   |
| 43      | 7.6   | 8.4   | 12.6# |





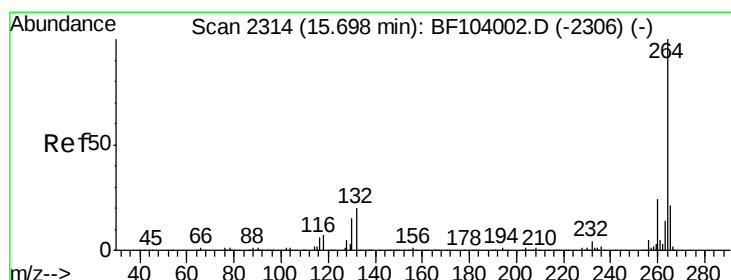
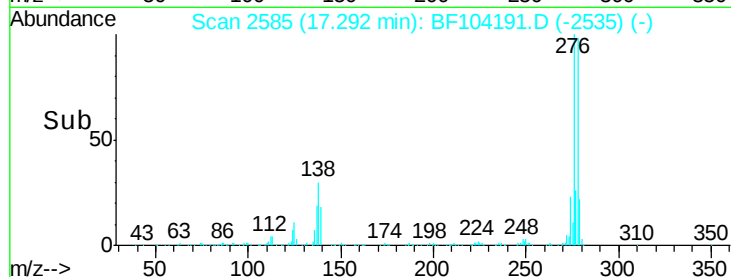
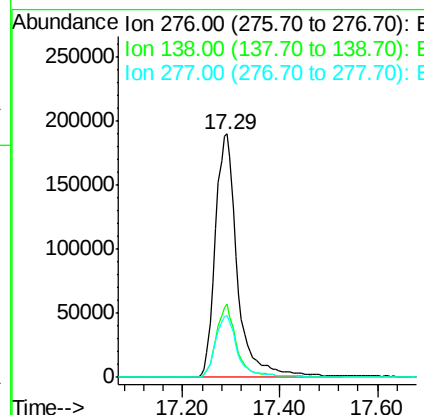
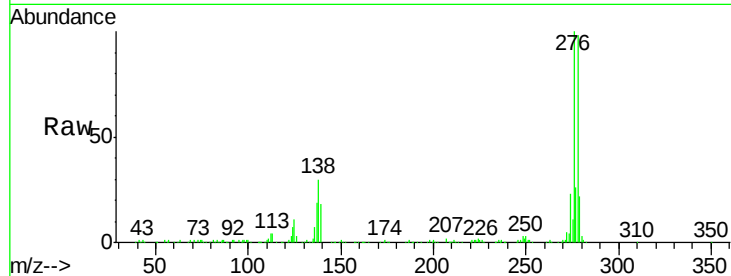
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 27.829 ng  
 RT: 17.29 min Scan# 2585  
 Delta R.T. -0.01 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.5  | 25.0  | 37.6  |
| 277     | 25.7  | 20.1  | 30.1  |

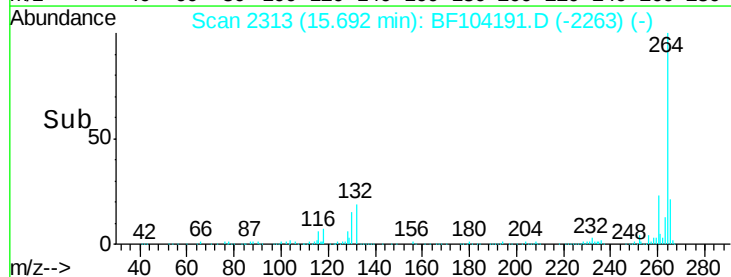
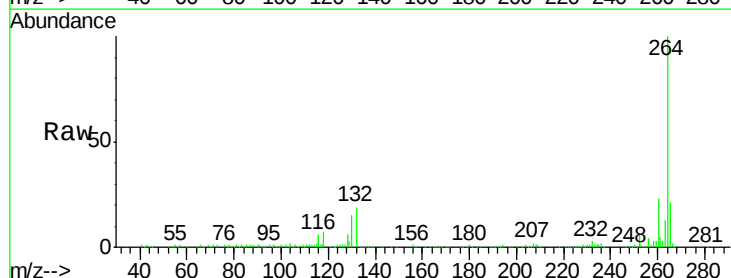
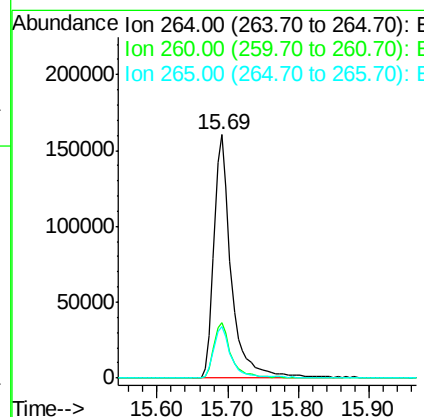
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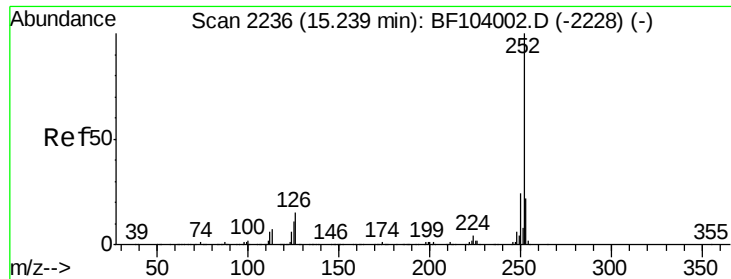
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2313  
 Delta R.T. -0.01 min  
 Lab File: BF104191.D  
 Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.2  | 28.8  |
| 265     | 21.3  | 17.5  | 26.3  |





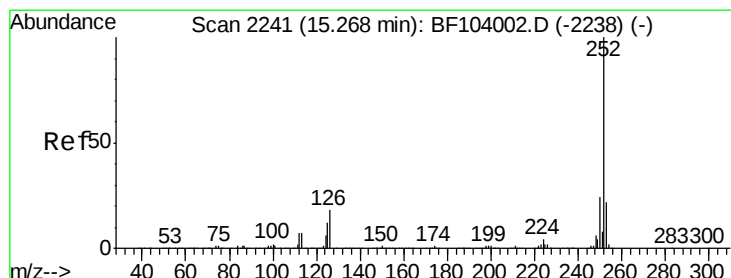
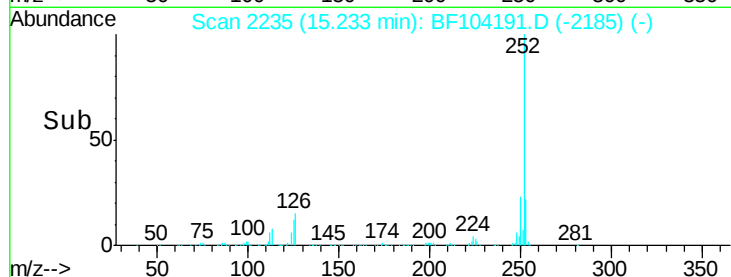
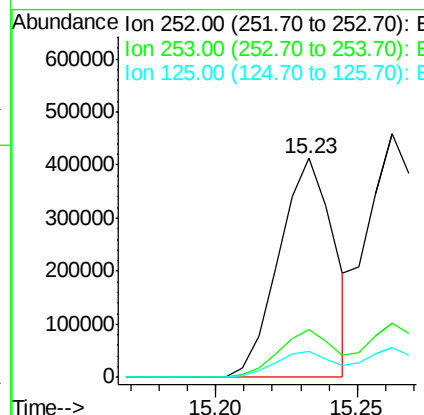
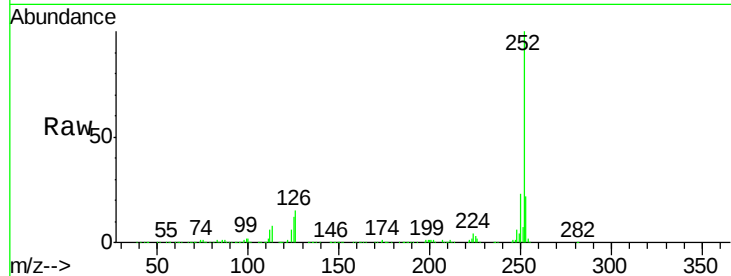
#87  
Benzo(b)fluoranthene  
Concen: 33.131 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.0  | 25.6  |
| 125     | 12.1  | 9.0   | 13.6  |

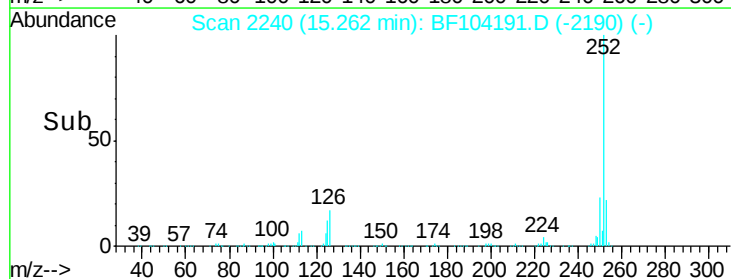
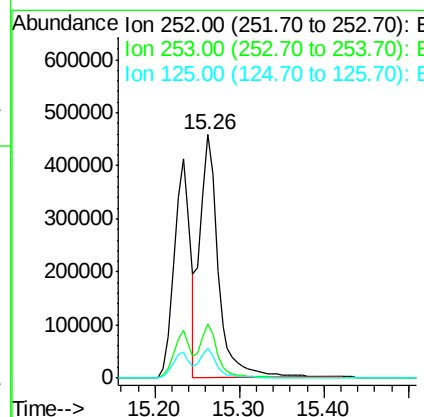
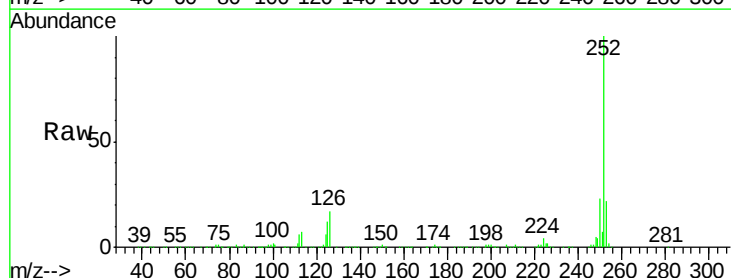
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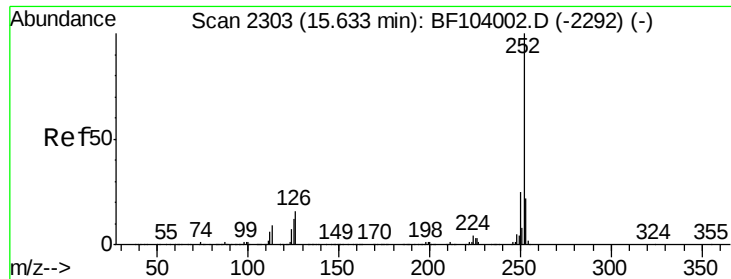
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#88  
Benzo(k)fluoranthene  
Concen: 43.075 ng  
RT: 15.26 min Scan# 2240  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.9  | 26.9  |
| 125     | 12.1  | 10.2  | 15.2  |





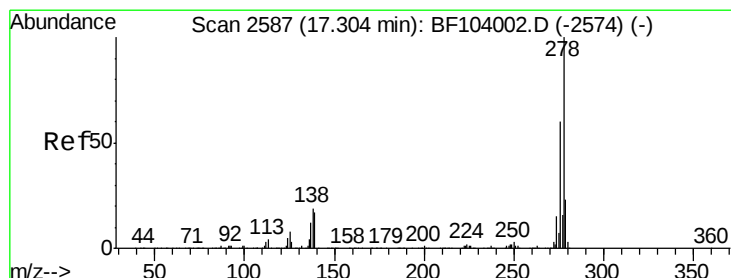
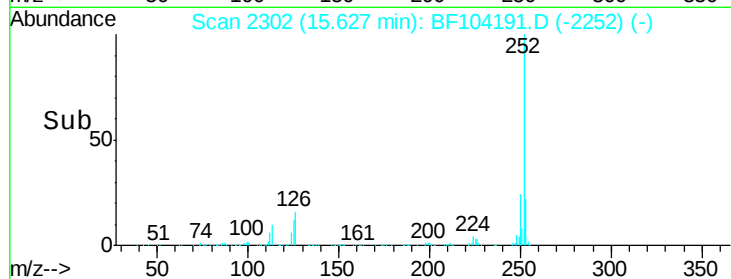
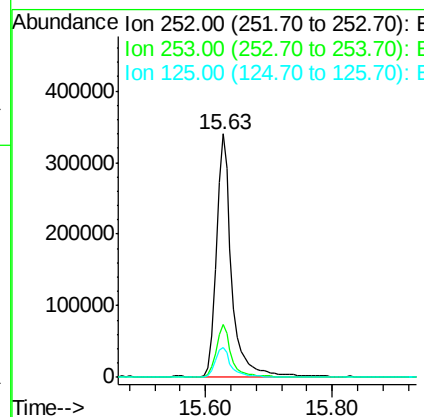
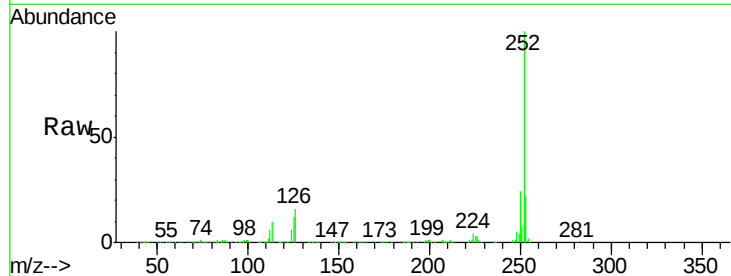
#89  
Benzo(a)pyrene  
Concen: 36.749 ng  
RT: 15.63 min Scan# 2302  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

Instrument :  
BNA\_F  
ClientSampleId :  
ES-8-WATER-LATERAL-1-NW@3.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.1  | 25.7  |
| 125     | 12.4  | 9.8   | 14.6  |

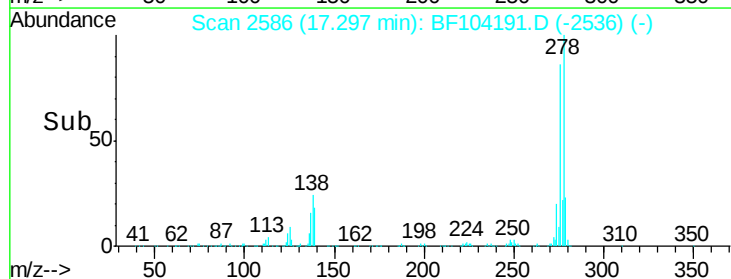
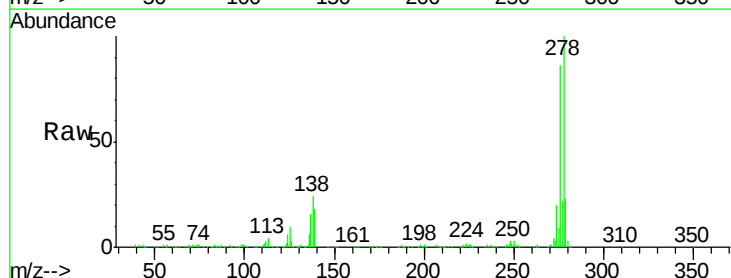
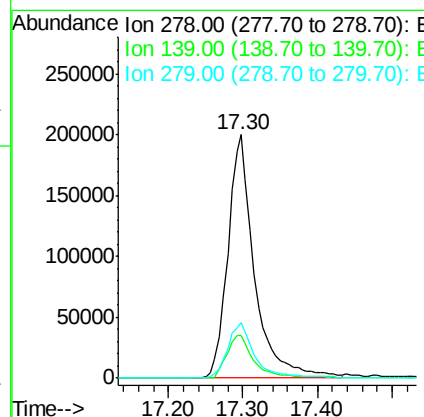
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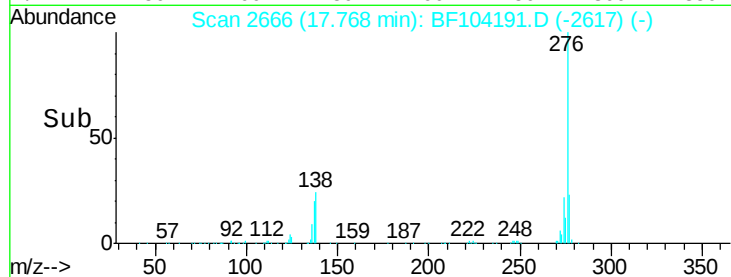
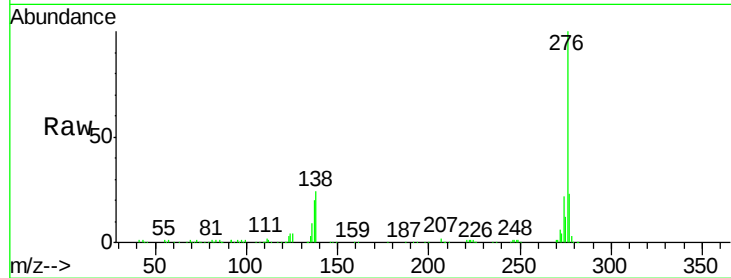
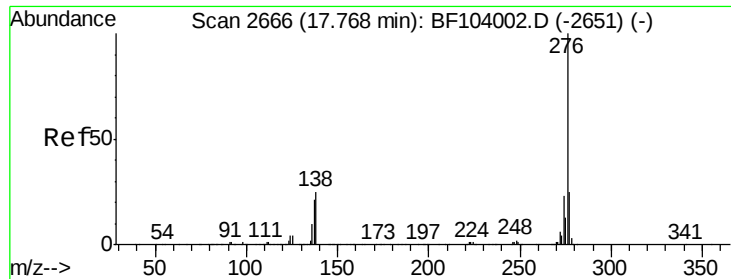
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#90  
Dibenzo(a,h)anthracene  
Concen: 34.558 ng  
RT: 17.30 min Scan# 2586  
Delta R.T. -0.01 min  
Lab File: BF104191.D  
Acq: 3 Apr 2018 20:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 15.9  | 23.9  |
| 279     | 22.7  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 34.219 ng

RT: 17.77 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BF104191.D

Acq: 3 Apr 2018 20:38

Instrument :

BNA\_F

ClientSampleId :

ES-8-WATER-LATERAL-1-NW@3.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 493116 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.3  | 17.9  | 26.9   |
| 138       | 23.7  | 21.8  | 32.8   |

Manual Integrations  
APPROVED

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