

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\  
 Data File : BF091850.D  
 Acq On : 21 Dec 2016 22:56  
 Operator : UM/SJ  
 Sample : H6103-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

Manual Integrations  
 APPROVED

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 12/22/2016 7:09:01 PM

Quant Time: Dec 22 14:17:09 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 332358   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 1357798  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.78  | 164  | 717786   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.26 | 188  | 913667   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.89 | 240  | 667143   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.29 | 264  | 678485   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 2403153 | 120.73 | ng | 0.02  |
| 7) Phenol-d6             | 6.40  | 99  | 3212908 | 132.21 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.31  | 82  | 2578273 | 105.59 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.58 | 330 | 701852  | 118.15 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.12  | 172 | 3820179 | 113.35 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.85 | 244 | 2359032 | 85.76  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.43 | 88  | 148259  | 15.13 | ng | 97     |
| 3) Pyridine                    | 3.14 | 79  | 422816m | 12.36 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.05 | 42  | 156852  | 12.16 | ng | 97     |
| 6) Aniline                     | 6.41 | 93  | 318799  | 10.10 | ng | # 81   |
| 8) 2-Chlorophenol              | 6.53 | 128 | 403493  | 17.82 | ng | 97     |
| 9) Benzaldehyde                | 6.29 | 77  | 267142  | 15.70 | ng | 93     |
| 10) Phenol                     | 6.41 | 94  | 423557  | 15.29 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 385500  | 17.50 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.68 | 146 | 399665m | 16.54 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 414373  | 16.84 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 342562  | 16.05 | ng | 95     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 307231  | 16.27 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 599950  | 18.28 | ng | 88     |
| 17) 2-Methylphenol             | 7.01 | 107 | 319166  | 17.53 | ng | 98     |
| 18) Hexachloroethane           | 7.25 | 117 | 149754  | 16.42 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 270899  | 16.76 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.17 | 107 | 413838  | 19.05 | ng | # 73   |
| 22) Acetophenone               | 7.16 | 105 | 578822  | 17.28 | ng | # 92   |
| 24) Nitrobenzene               | 7.33 | 77  | 448860  | 17.26 | ng | 92     |
| 25) Isophorone                 | 7.57 | 82  | 746433  | 16.57 | ng | 98     |
| 26) 2-Nitrophenol              | 7.65 | 139 | 210967  | 16.45 | ng | # 82   |
| 27) 2,4-Dimethylphenol         | 7.70 | 122 | 372930  | 17.53 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93  | 478188  | 17.50 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 7.89 | 162 | 297533  | 16.52 | ng | 89     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 326504  | 16.54 | ng | 95     |
| 31) Naphthalene                | 8.05 | 128 | 1141746 | 18.37 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 218200  | 13.83 | ng | 98     |
| 33) 4-Chloroaniline            | 8.11 | 127 | 316640  | 11.30 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.18 | 225 | 178332  | 17.12 | ng | 99     |
| 35) Caprolactam                | 8.45 | 113 | 92069   | 15.55 | ng | # 58   |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107 | 324059  | 15.63 | ng | # 81   |
| 37) 2-Methylnaphthalene        | 8.75 | 142 | 720473m | 15.27 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 297405  | 16.40 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 93020   | 14.92 | ng | 98     |

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

Manual Integrations  
 APPROVED

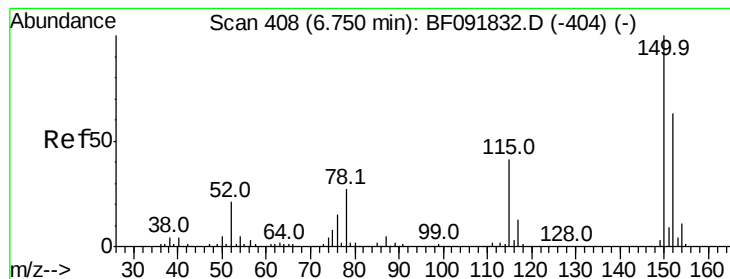
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 12/22/2016 7:09:01 PM

Quant Time: Dec 22 14:17:09 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.02  | 196  | 203300   | 16.03 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 9.07  | 196  | 206531   | 15.82 | nq    | # 92     |
| 45) 1,1'-Biphenyl              | 9.21  | 154  | 868461   | 17.67 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 9.23  | 162  | 655348   | 16.84 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.33  | 65   | 233276   | 16.83 | nq    | # 76     |
| 48) Acenaphthylene             | 9.64  | 152  | 1025060  | 17.12 | nq    | 99       |
| 49) Dimethylphthalate          | 9.52  | 163  | 764521   | 16.65 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.57  | 165  | 175762   | 17.49 | nq    | 90       |
| 51) Acenaphthene               | 9.81  | 154  | 675208   | 16.64 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.73  | 138  | 147694   | 11.88 | nq    | 92       |
| 53) 2,4-Dinitrophenol          | 9.85  | 184  | 68114    | 12.18 | nq    | # 73     |
| 54) Dibenzofuran               | 9.98  | 168  | 821682   | 14.99 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.92  | 139  | 132265   | 15.67 | nq    | # 75     |
| 56) 2,4-Dinitrotoluene         | 9.97  | 165  | 207819   | 16.48 | nq    | 97       |
| 57) Fluorene                   | 10.33 | 166  | 651337   | 16.34 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 156669   | 15.18 | nq    | 99       |
| 59) Diethylphthalate           | 10.21 | 149  | 707600   | 15.87 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204  | 303005   | 17.36 | nq    | # 85     |
| 61) 4-Nitroaniline             | 10.35 | 138  | 199813   | 15.51 | nq    | 89       |
| 62) Azobenzene                 | 10.49 | 77   | 735345   | 14.98 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 10.38 | 198  | 102884   | 18.62 | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 10.44 | 169  | 533848   | 19.69 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.81 | 248  | 152246   | 16.02 | nq    | # 88     |
| 67) Hexachlorobenzene          | 10.88 | 284  | 161292   | 15.88 | nq    | # 88     |
| 68) Atrazine                   | 10.97 | 200  | 99991    | 11.43 | nq    | 97       |
| 69) Pentachlorophenol          | 11.07 | 266  | 66557    | 13.35 | nq    | 98       |
| 70) Phenanthrene               | 11.29 | 178  | 818914   | 16.53 | nq    | 98       |
| 71) Anthracene                 | 11.33 | 178  | 786159   | 14.22 | nq    | 98       |
| 72) Carbazole                  | 11.49 | 167  | 719539   | 13.49 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.84 | 149  | 903909   | 16.67 | nq    | # 97     |
| 74) Fluoranthene               | 12.48 | 202  | 838079   | 16.89 | nq    | 91       |
| 76) Benzidine                  | 12.60 | 184  | 237948   | 10.50 | nq    | 99       |
| 77) Pyrene                     | 12.69 | 202  | 829003   | 16.94 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.32 | 149  | 347871   | 15.63 | nq    | 97       |
| 80) Benzo(a)anthracene         | 13.88 | 228  | 668600   | 17.75 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.85 | 252  | 167178   | 11.71 | nq    | 99       |
| 82) Chrysene                   | 13.92 | 228  | 671599   | 17.78 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 444310   | 16.95 | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 14.50 | 149  | 810122   | 16.68 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 589778   | 18.02 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.90 | 252  | 673446m  | 15.94 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.92 | 252  | 602456m  | 16.73 | nq    |          |
| 89) Benzo(a)pyrene             | 15.23 | 252  | 604502   | 16.12 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.64 | 278  | 499844   | 16.22 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.03 | 276  | 500727   | 15.63 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

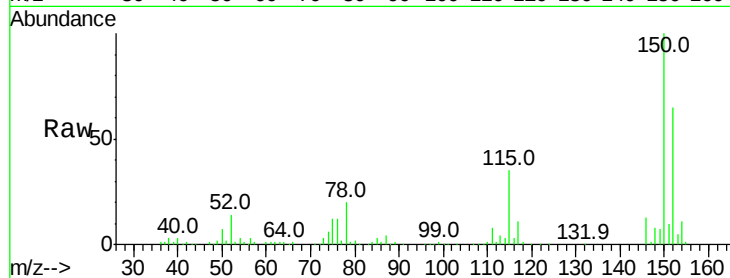
ClientSampleId :

LOQ-WATER-06-QT1-2017

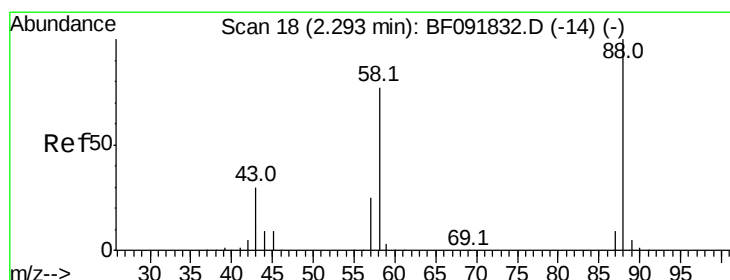
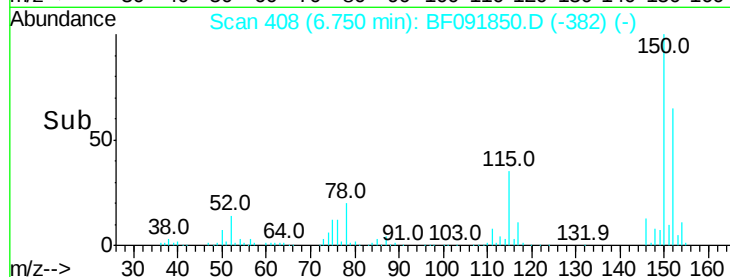
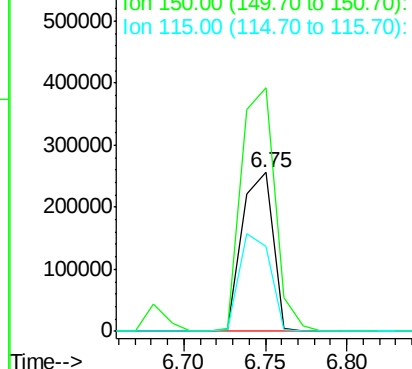
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 332358 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 153.5 | 124.9 | 187.3  |
| 115       | 53.4  | 46.0  | 69.0   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.13 ng

RT: 2.43 min Scan# 30

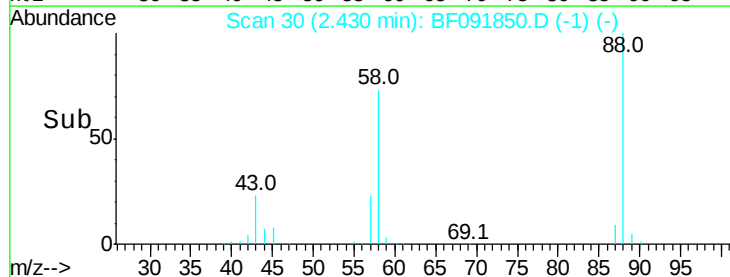
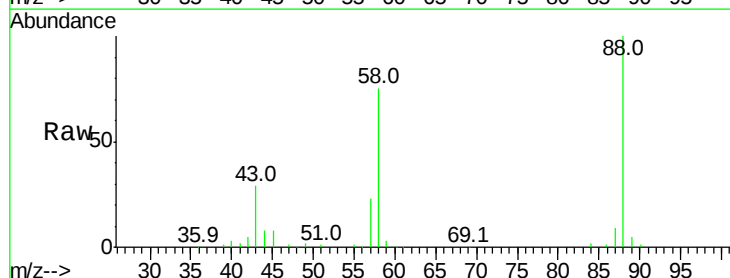
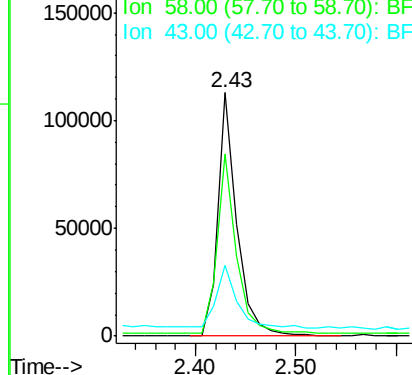
Delta R.T. 0.14 min

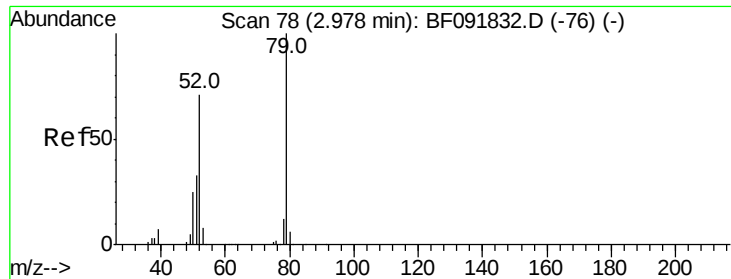
Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 148259 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 75.2  | 57.8  | 86.8   |
| 43        | 29.1  | 22.3  | 33.5   |

Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





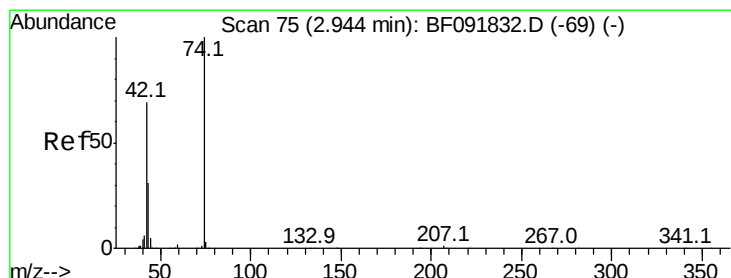
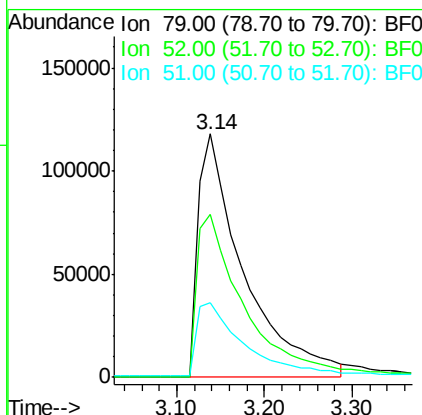
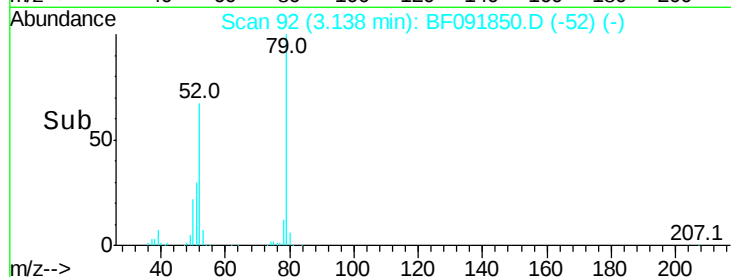
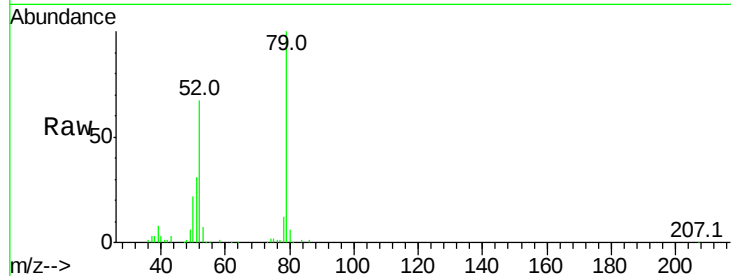
#3  
 Pvridine  
 Concen: 12.36 ng/ml  
 RT: 3.14 min Scan# 92  
 Delta R.T. 0.16 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 66.8  | 57.1  | 85.7  |
| 51      | 30.6  | 27.3  | 40.9  |

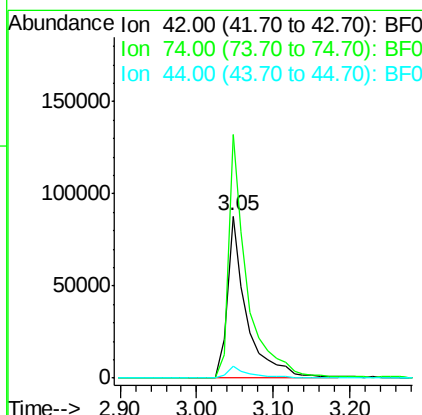
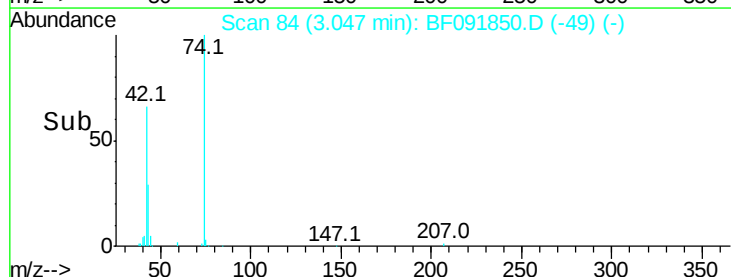
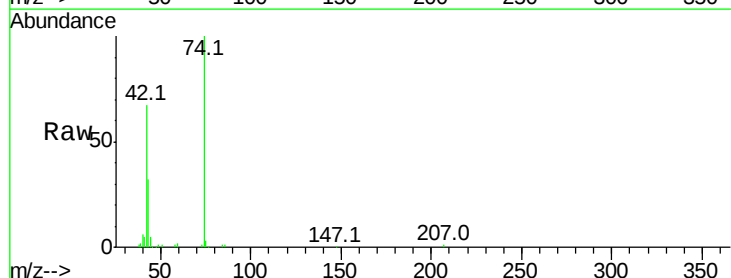
Manual Integrations  
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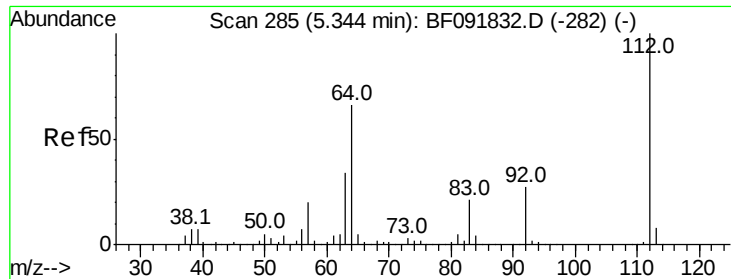
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#4  
 n-Nitrosodimethylamine  
 Concen: 12.16 ng  
 RT: 3.05 min Scan# 84  
 Delta R.T. 0.10 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 150.0 | 117.0 | 175.4 |
| 44      | 7.2   | 5.5   | 8.3   |





#5

2-Fluorophenol

Concen: 120.73 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:112 Resp: 2403153

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

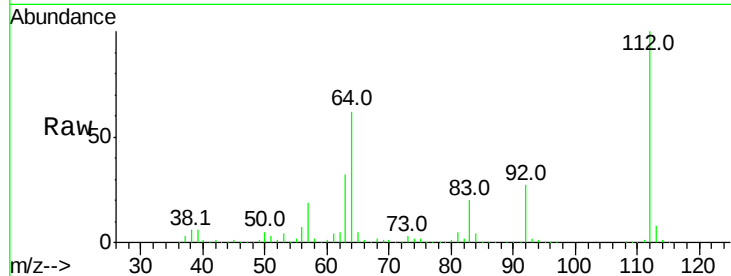
63 31.8 23.8 35.6

Manual Integrations

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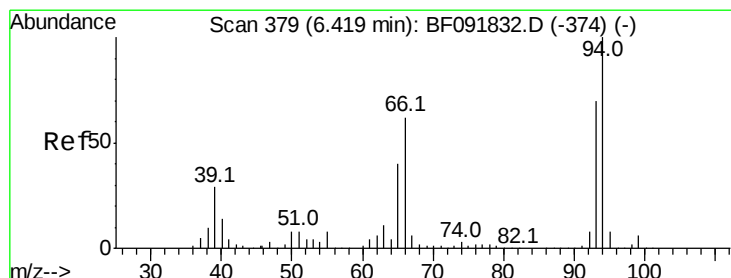
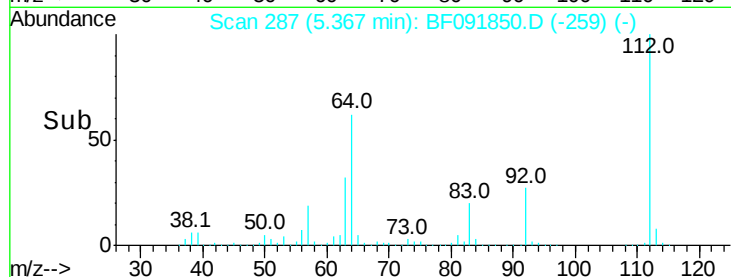
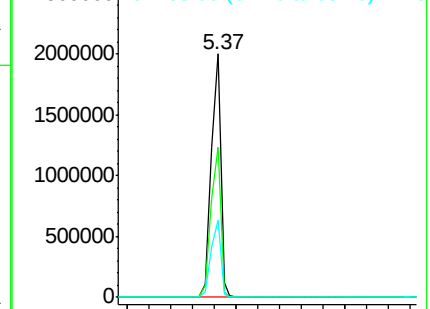
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.10 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

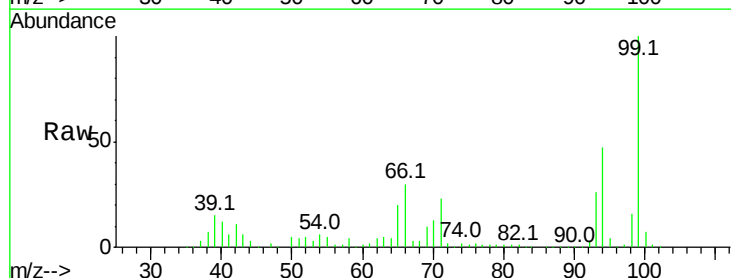
Tgt Ion: 93 Resp: 318799

Ion Ratio Lower Upper

93 100

66 114.4 76.2 114.2#

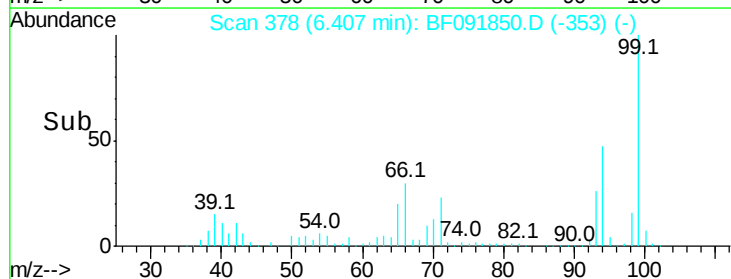
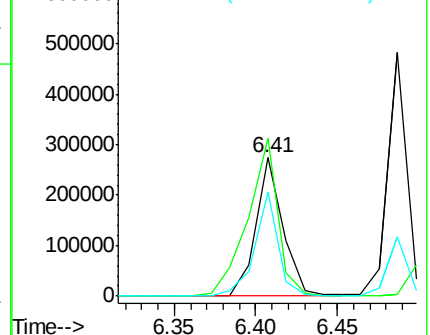
65 74.7 49.3 73.9#

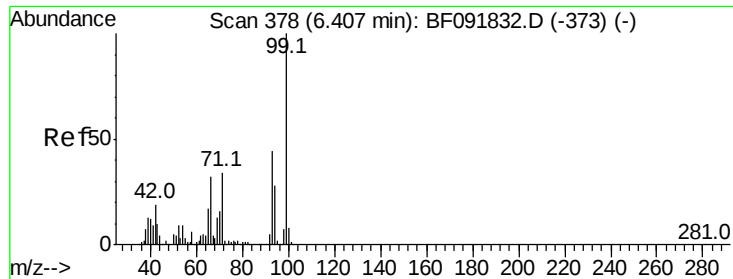


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.21 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion: 99 Resp: 3212908

Ion Ratio Lower Upper

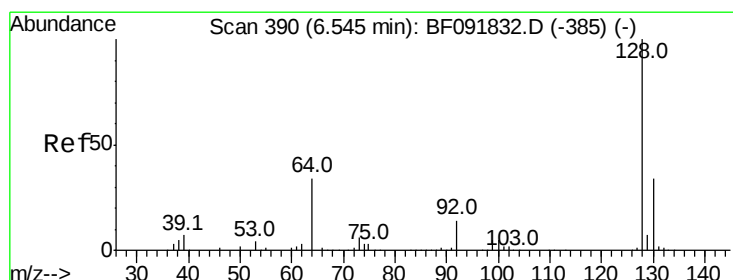
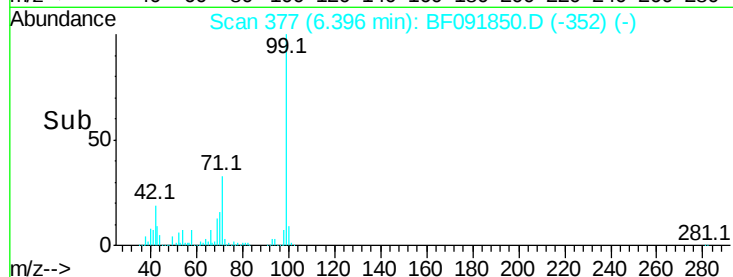
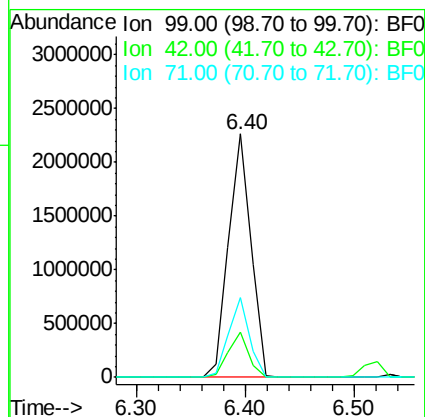
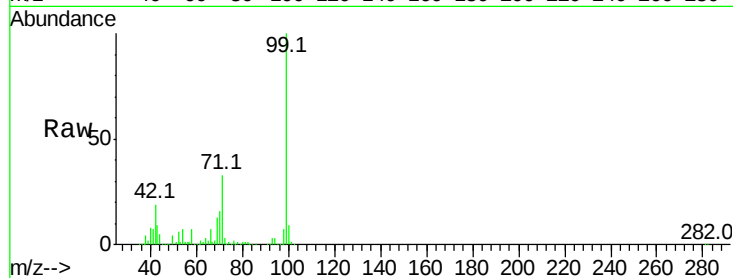
99 100

42 18.6 15.6 23.4

71 32.8 27.5 41.3

Manual Integrations  
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#8

2-Chlorophenol

Concen: 17.82 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

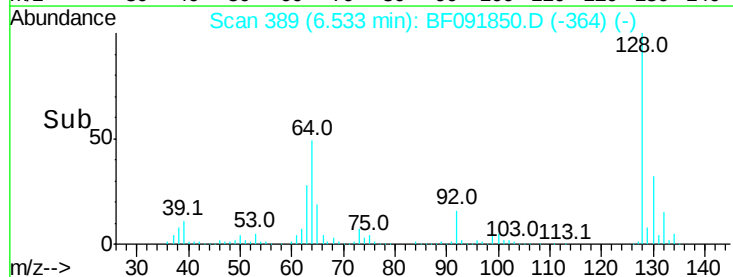
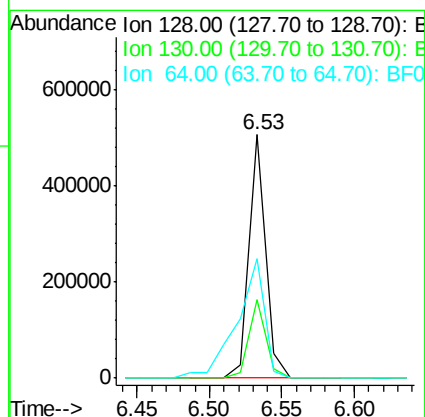
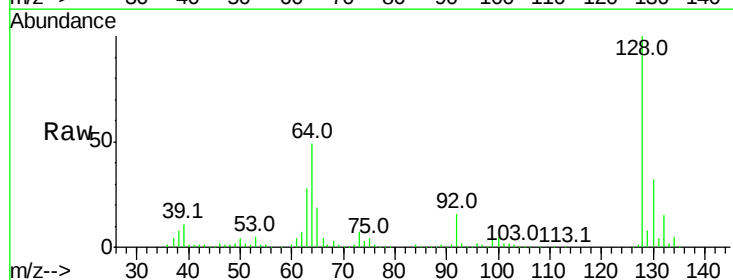
Tgt Ion: 128 Resp: 403493

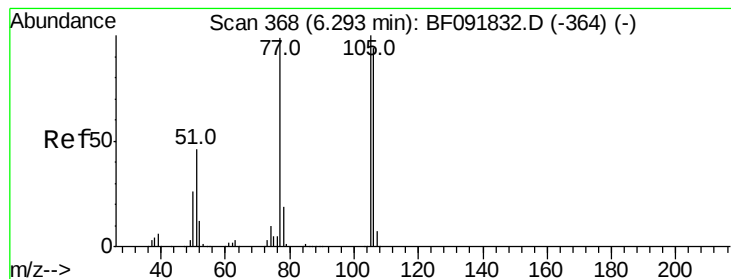
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 49.0 32.2 72.2





#9

Benzaldehyde

Concen: 15.70 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

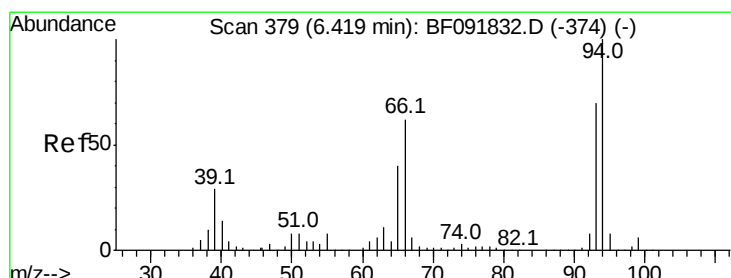
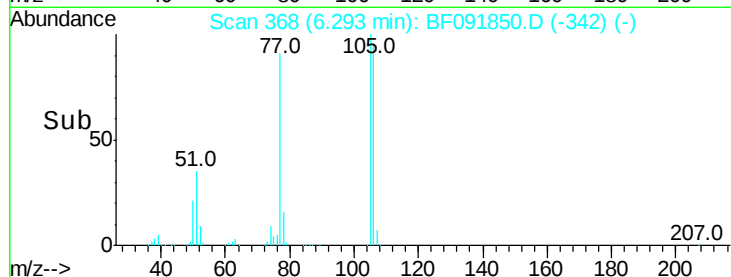
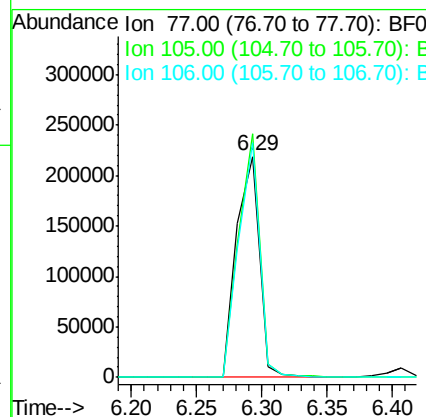
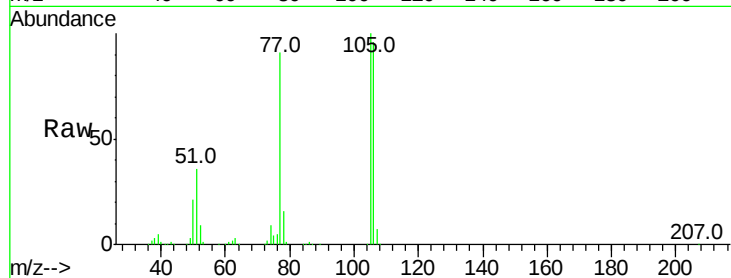
ClientSampleId :

LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 110.2 | 83.9  | 123.9 |
| 106     | 106.3 | 77.6  | 117.6 |

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#10

Phenol

Concen: 15.29 ng

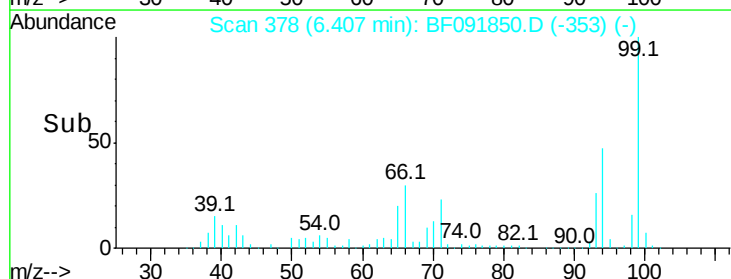
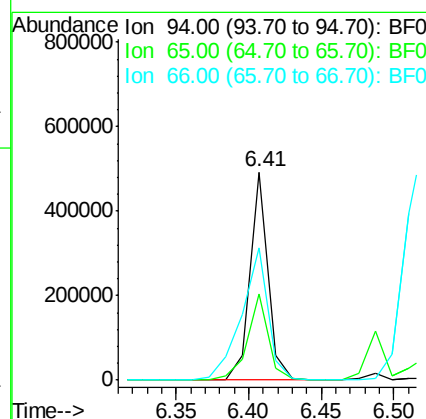
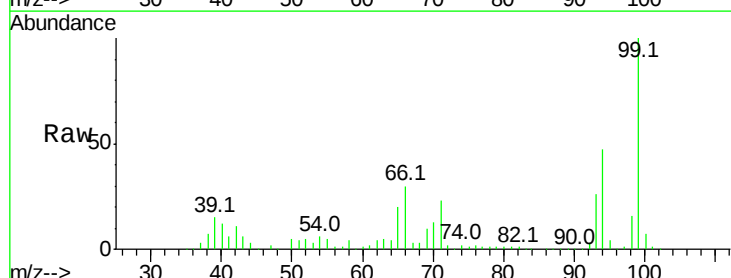
RT: 6.41 min Scan# 378

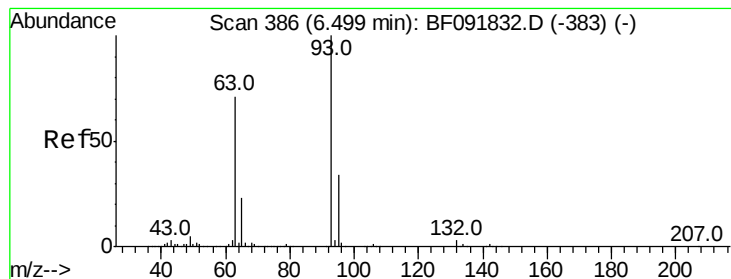
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 41.7  | 21.4  | 61.4  |
| 66      | 63.8  | 44.0  | 84.0  |





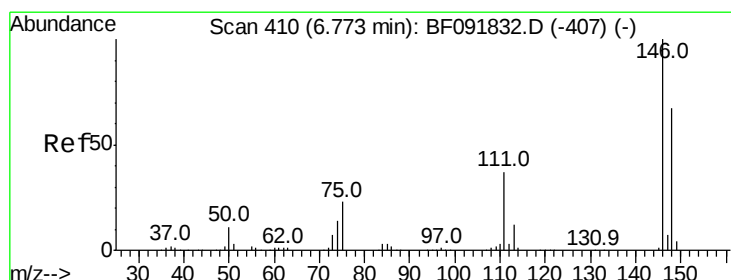
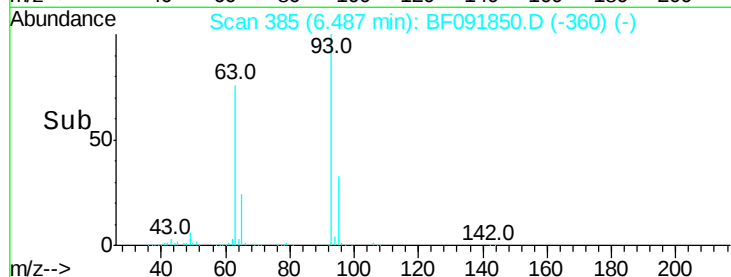
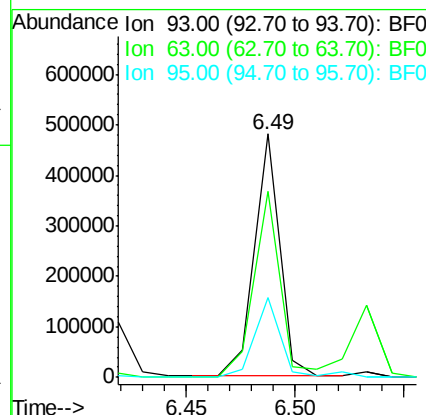
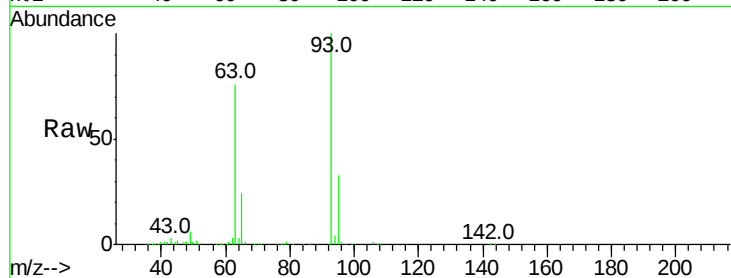
#11  
bis(2-Chloroethyl)ether  
Concen: 17.50 ng  
RT: 6.49 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.4  | 60.4  | 100.4 |
| 95      | 32.6  | 12.8  | 52.8  |

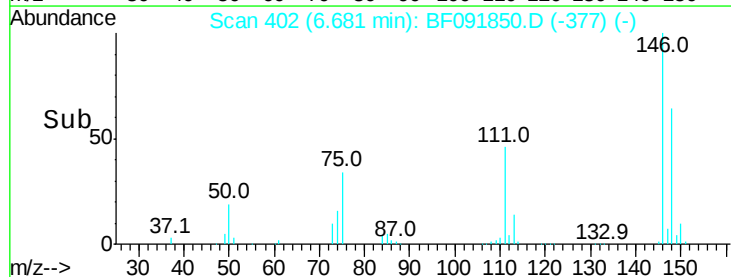
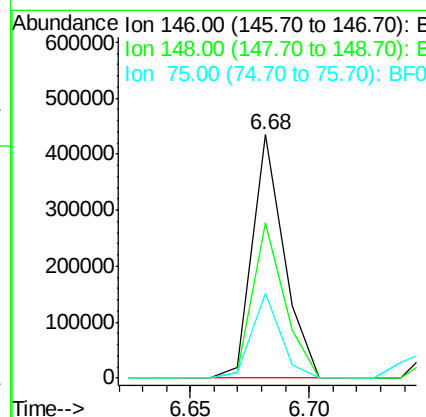
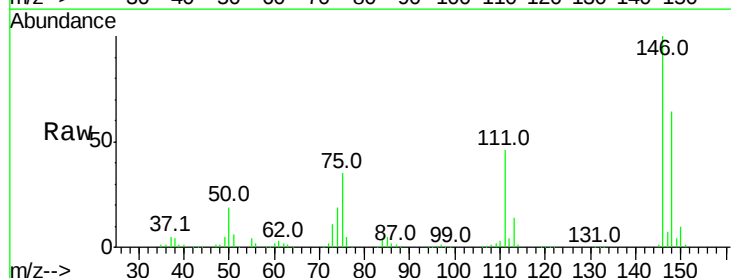
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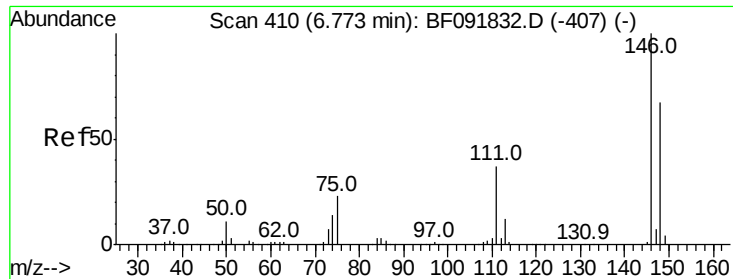
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#12  
1,3-Dichlorobenzene  
Concen: 16.54 ng m  
RT: 6.68 min Scan# 402  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 53.4  | 80.0  |
| 75      | 34.9  | 18.5  | 27.7  |





#13

1,4-Dichlorobenzene

Concen: 16.84 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

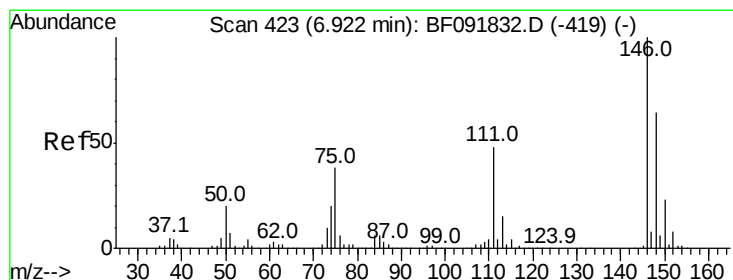
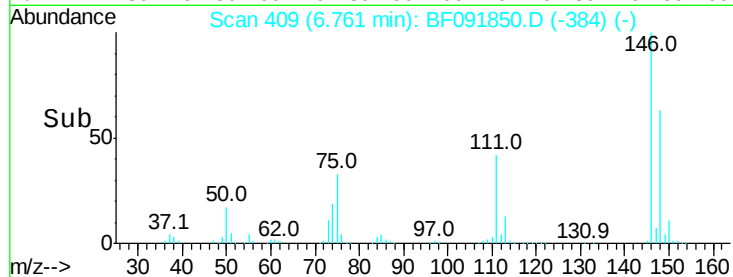
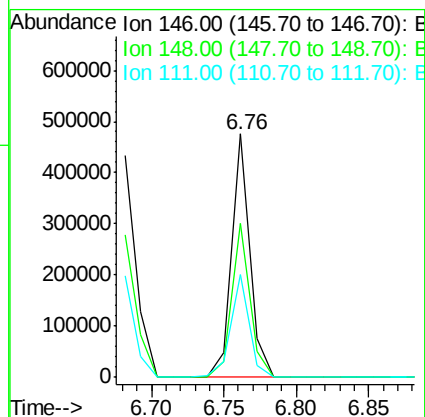
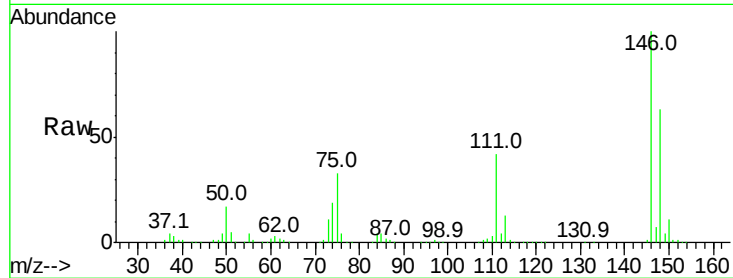
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 414373 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 50.6  | 76.0   |
| 111       | 42.4  | 36.2  | 54.4   |

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#14

1,2-Dichlorobenzene

Concen: 16.05 ng

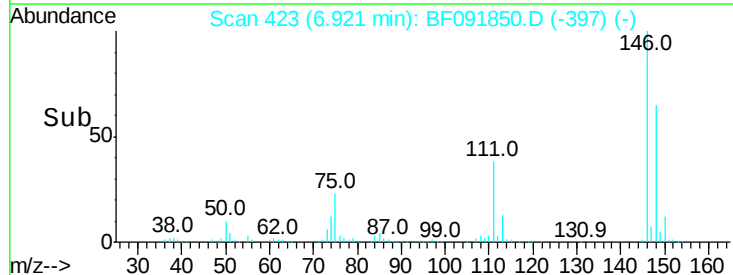
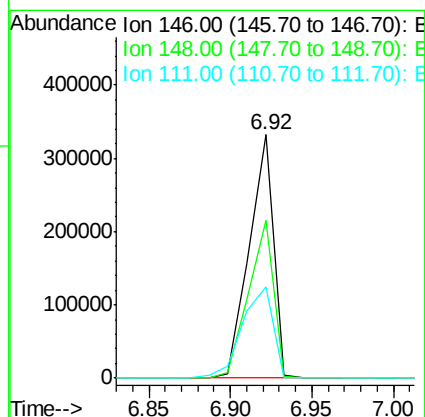
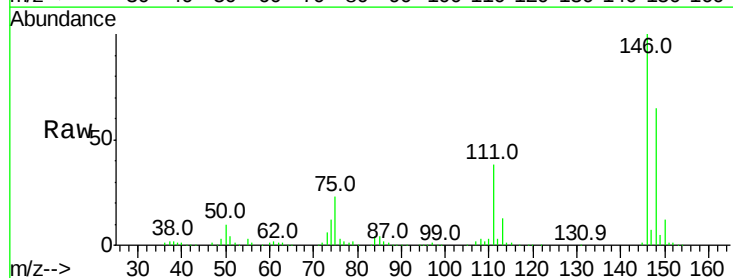
RT: 6.92 min Scan# 423

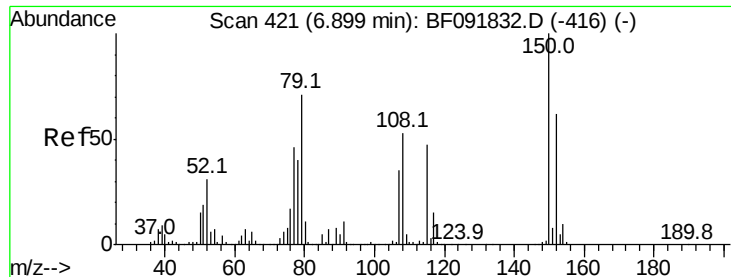
Delta R.T. -0.00 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 342562 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.1  | 52.2  | 78.2   |
| 111       | 37.6  | 36.2  | 54.2   |





#15

Benzyl Alcohol

Concen: 16.27 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

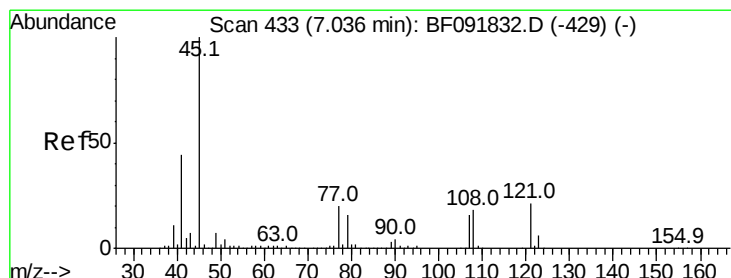
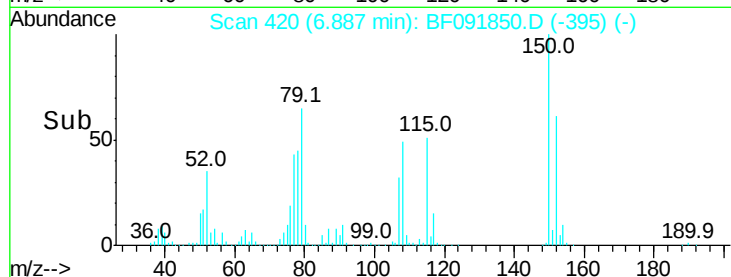
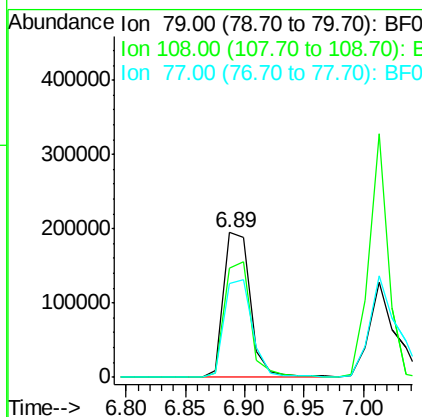
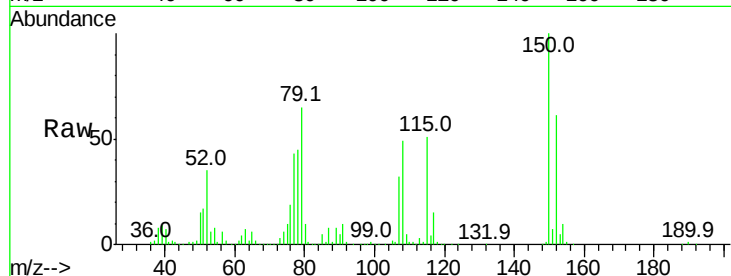
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 307231 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 75.4  | 61.4  | 92.0   |
| 77        | 65.2  | 50.9  | 76.3   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.28 ng

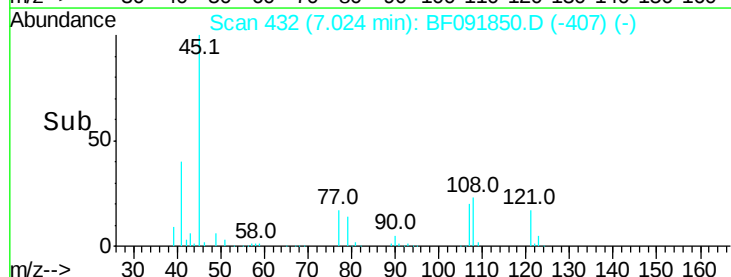
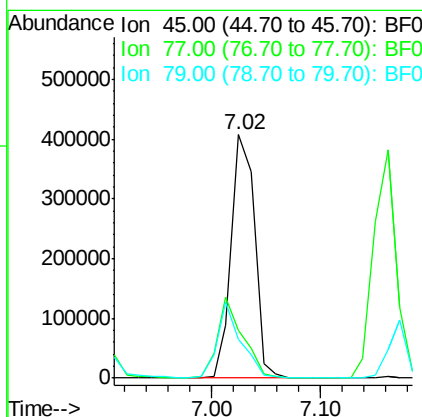
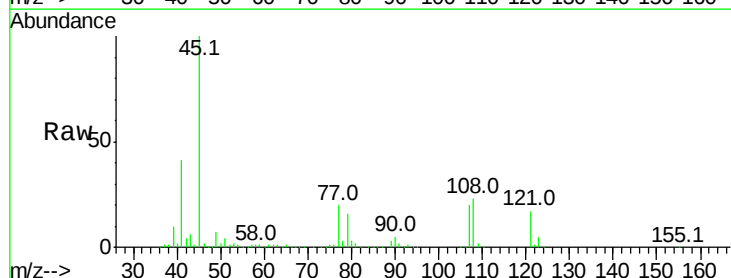
RT: 7.02 min Scan# 432

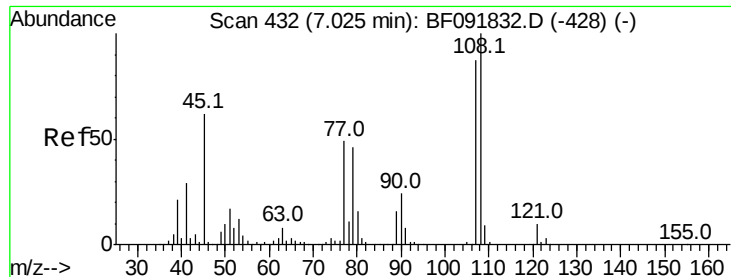
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 599950 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 19.7  | 0.0   | 34.6   |
| 79        | 15.8  | 0.0   | 31.2   |





#17

2-Methylphenol

Concen: 17.53 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

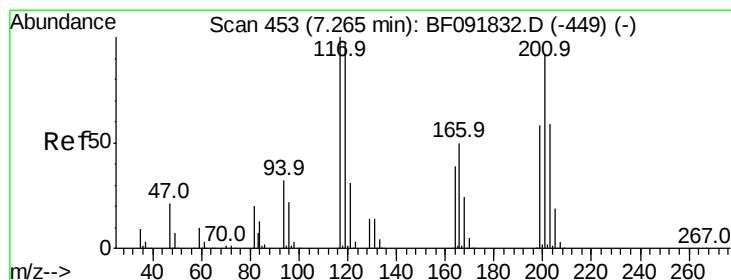
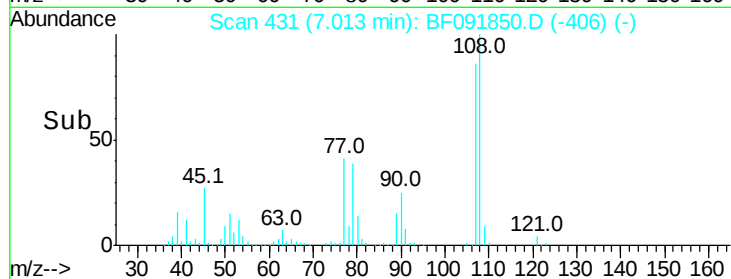
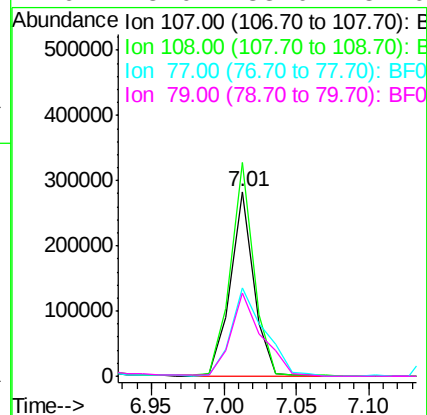
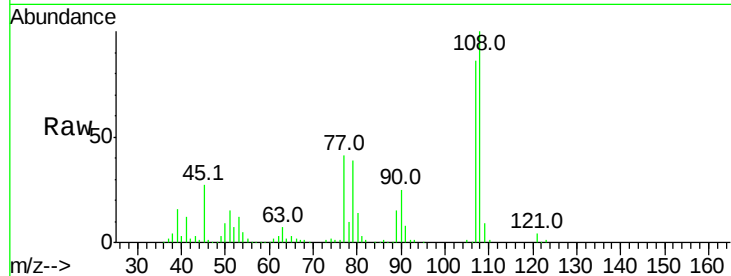
ClientSampleId :

LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.7 | 93.0 | 139.6 |       |
| 77      | 48.0  | 39.8 | 59.8  |       |
| 79      | 45.0  | 38.0 | 57.0  |       |

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#18

Hexachloroethane

Concen: 16.42 ng

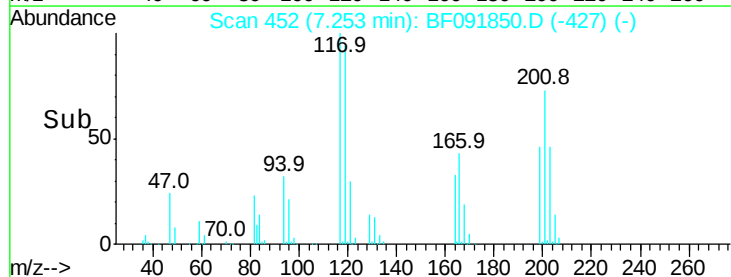
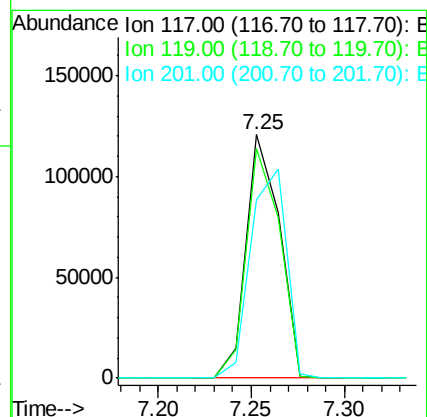
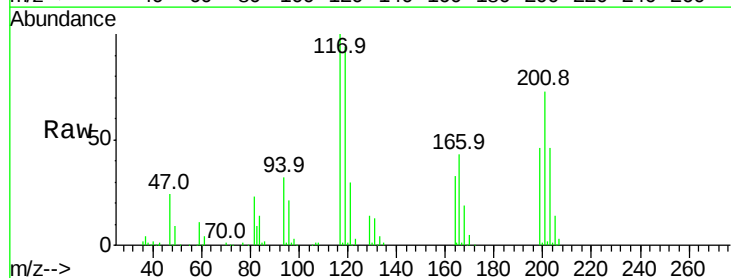
RT: 7.25 min Scan# 452

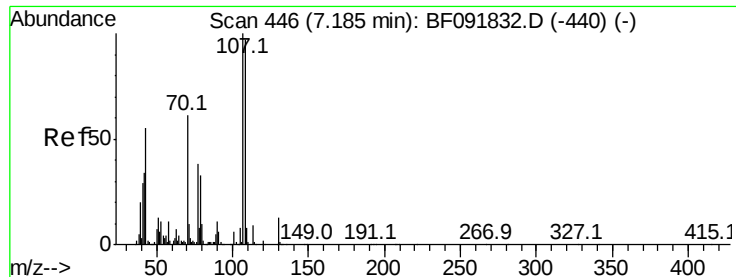
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 94.4  | 78.1 | 117.1  |       |
| 201     | 73.0  | 78.6 | 117.8# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 16.76 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

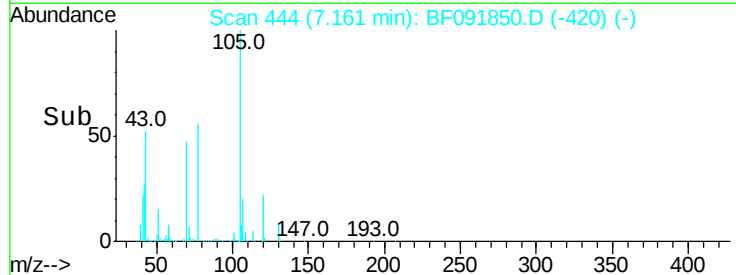
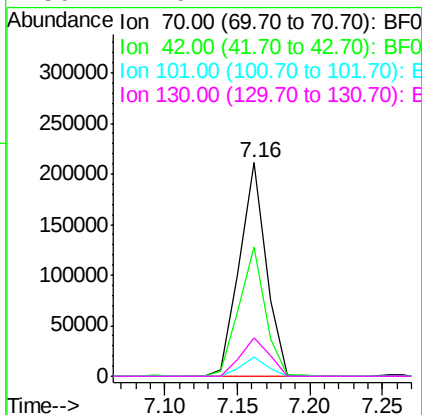
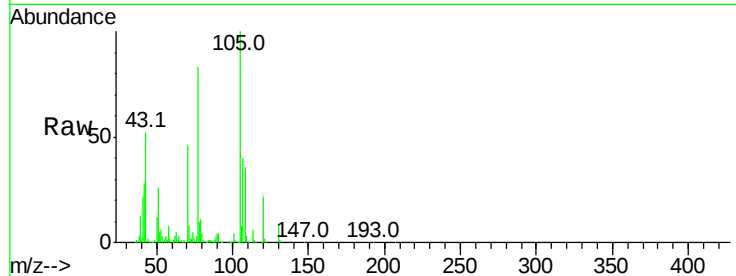
ClientSampleId :

LOQ-WATER-06-QT1-2017

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 270899 |       |       |
| 42      | 60.7 | 49.4  |        | 74.0  |       |
| 101     | 9.1  | 7.4   |        | 11.2  |       |
| 130     | 17.9 | 14.2  |        | 21.4  |       |

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#20

3+4-Methylphenols

Concen: 19.05 ng

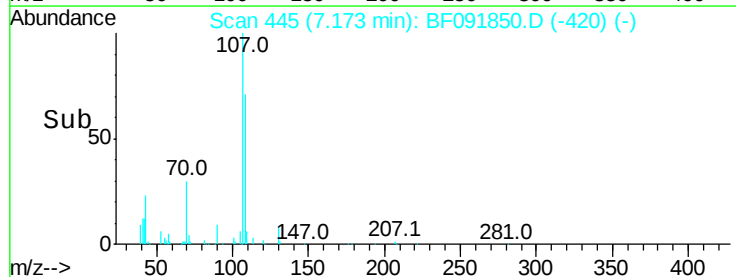
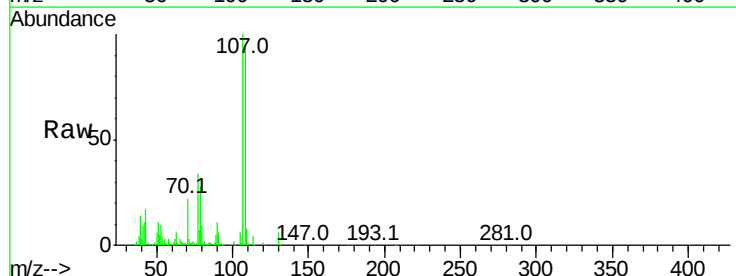
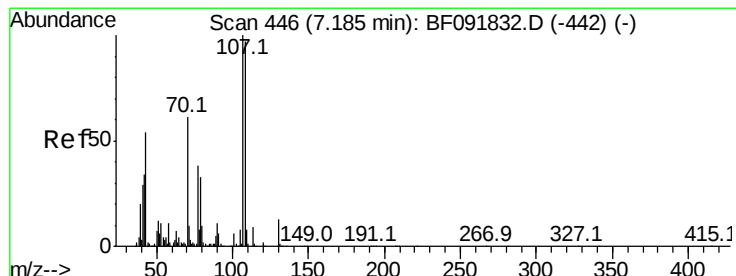
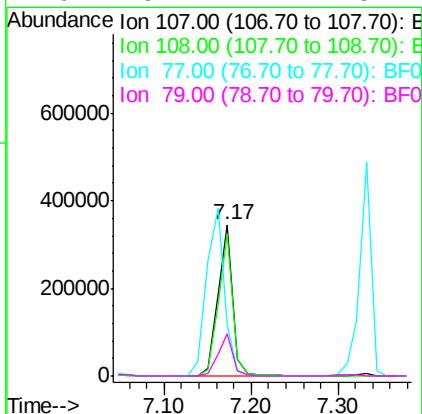
RT: 7.17 min Scan# 445

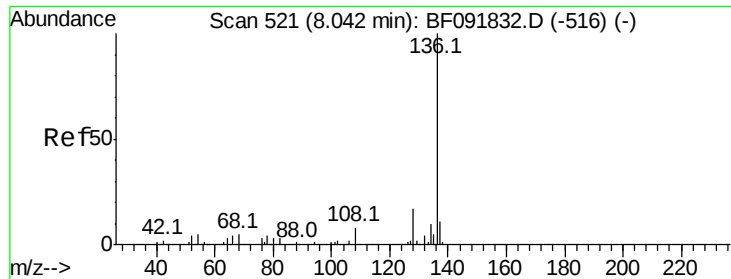
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

| Tgt Ion | Ion  | Ratio | Resp   | Lower  | Upper |
|---------|------|-------|--------|--------|-------|
| 107     | 100  |       | 413838 |        |       |
| 108     | 93.8 | 73.0  |        | 113.0  |       |
| 77      | 34.1 | 71.3  |        | 111.3# |       |
| 79      | 28.1 | 11.1  |        | 51.1   |       |





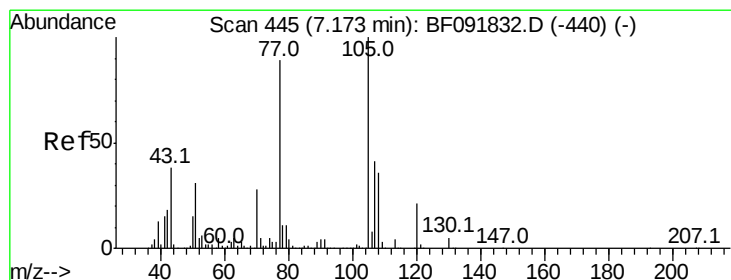
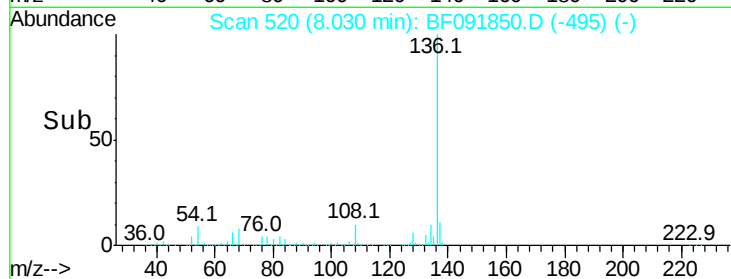
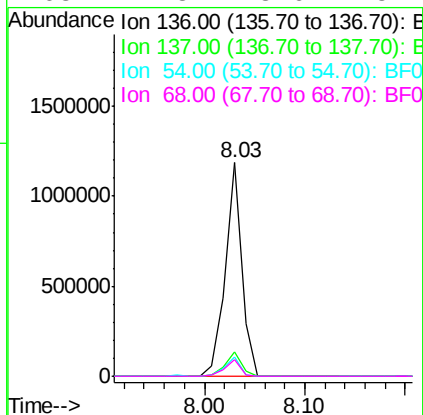
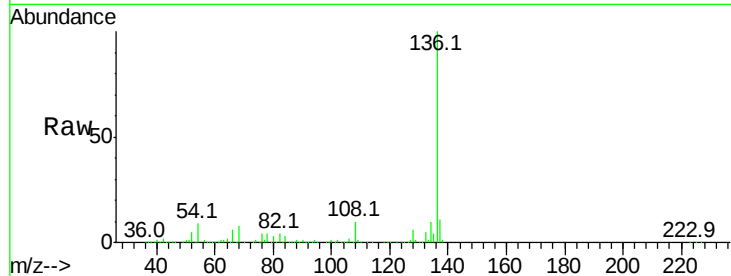
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.03 min Scan# 520  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion   | 136   | Resp  | 1357798 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 136       | 100   |       |         |
| 137       | 11.3  | 8.4   | 12.6    |
| 54        | 8.8   | 4.5   | 6.7#    |
| 68        | 7.8   | 3.6   | 5.4#    |

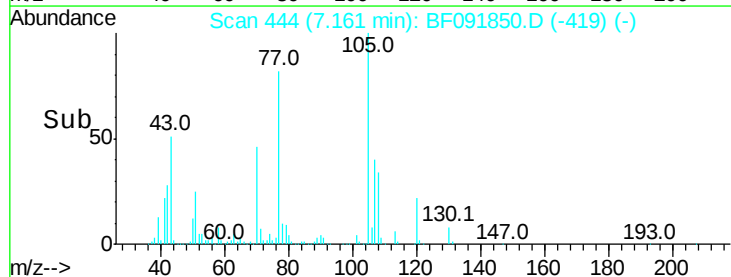
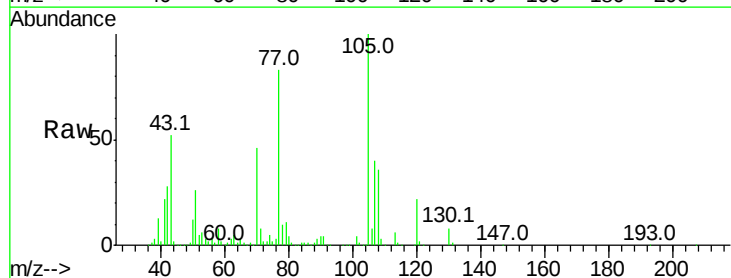
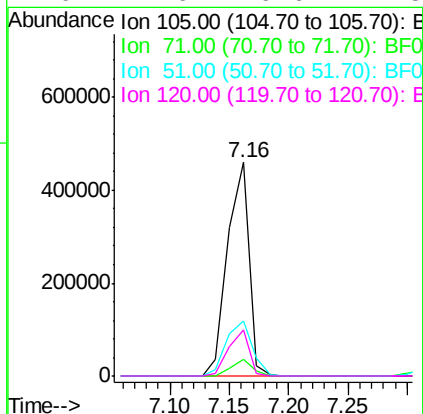
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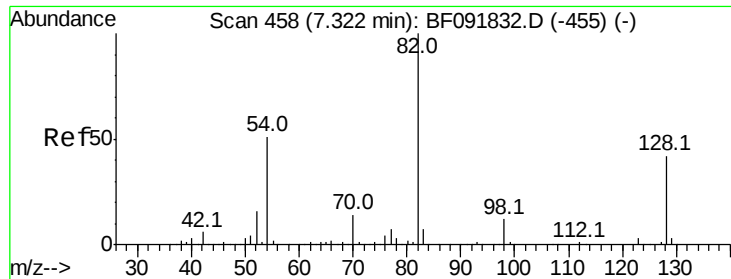
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#22  
Acetophenone  
Concen: 17.28 ng  
RT: 7.16 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion   | 105   | Resp  | 578822 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.5   | 3.2   | 4.8#   |
| 51        | 26.0  | 26.2  | 39.4#  |
| 120       | 21.6  | 16.6  | 24.8   |





#23

Nitrobenzene-d5

Concen: 105.59 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion: 82 Resp: 2578273

Ion Ratio Lower Upper

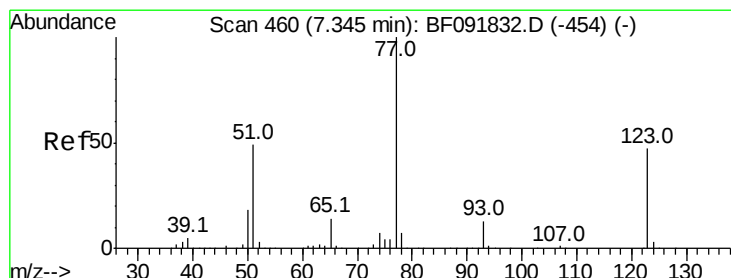
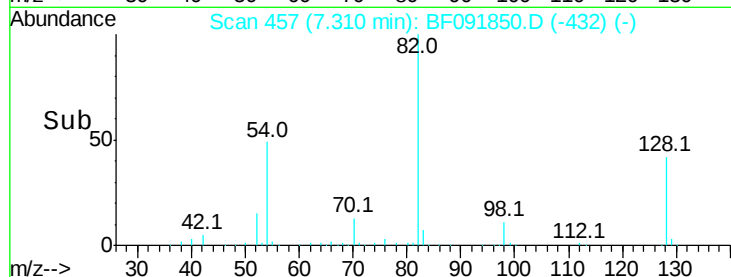
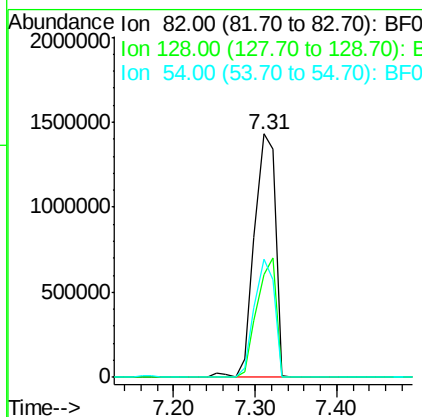
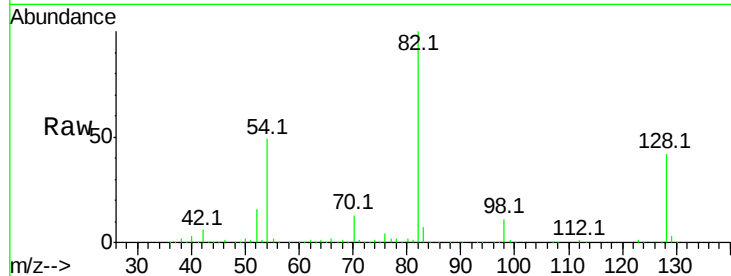
82 100

128 42.2 34.6 52.0

54 48.8 39.5 59.3

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#24

Nitrobenzene

Concen: 17.26 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

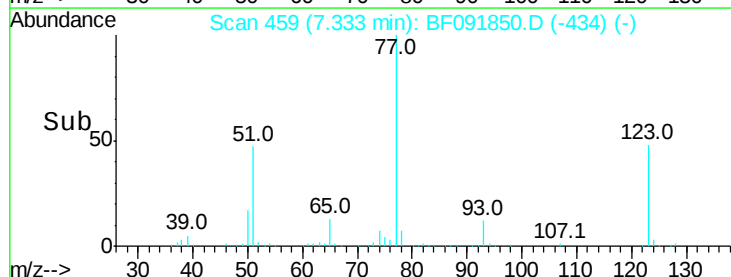
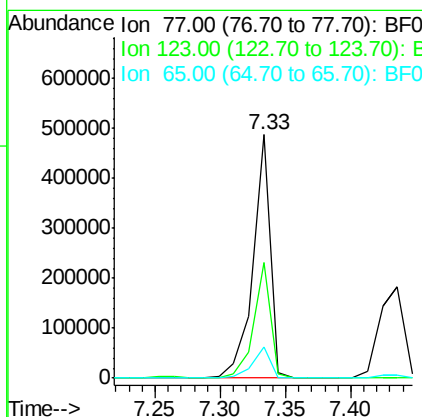
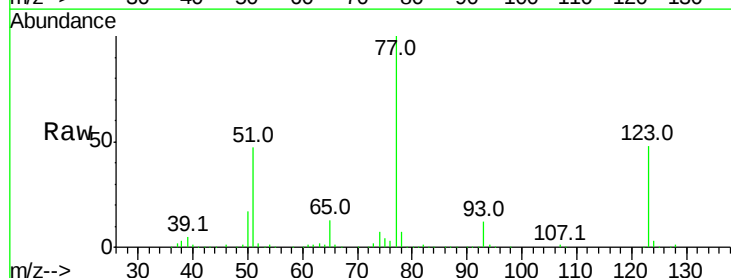
Tgt Ion: 77 Resp: 448860

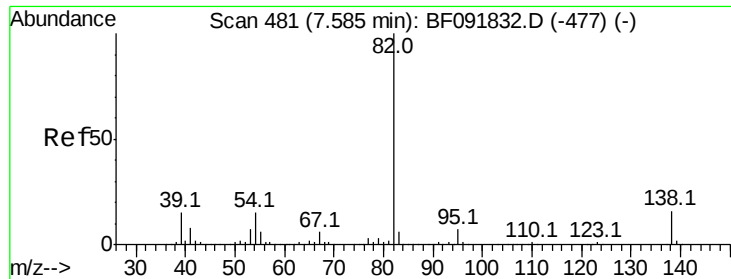
Ion Ratio Lower Upper

77 100

123 47.6 33.0 49.4

65 12.7 11.2 16.8





#25

Isophorone

Concen: 16.57 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

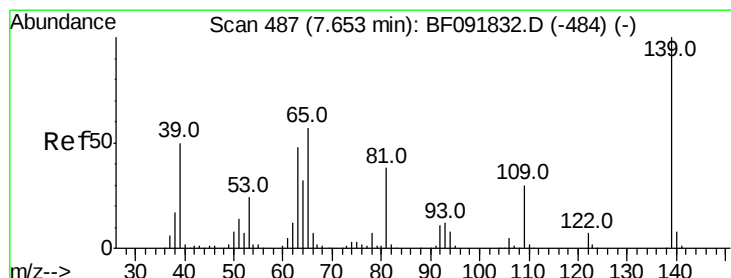
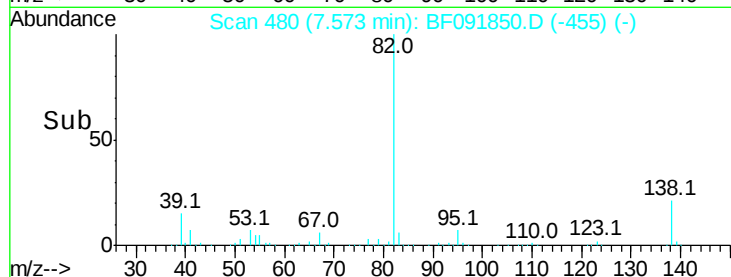
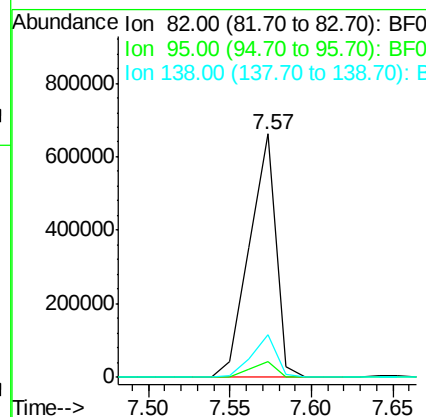
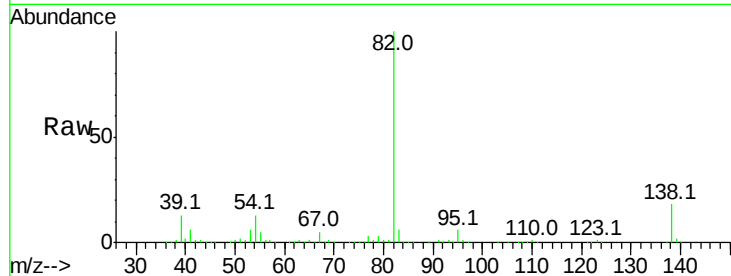
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 746433 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.3   | 5.6   | 8.4    |
| 138       | 17.7  | 14.6  | 22.0   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 16.45 ng

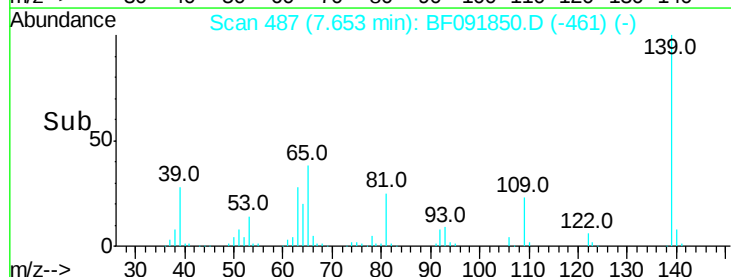
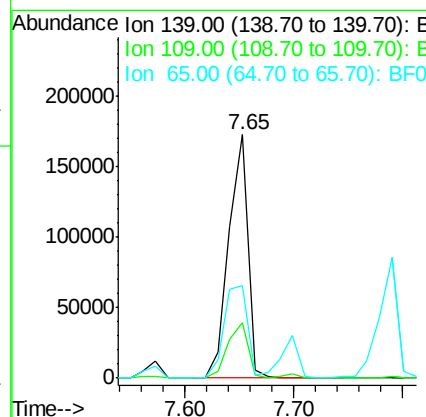
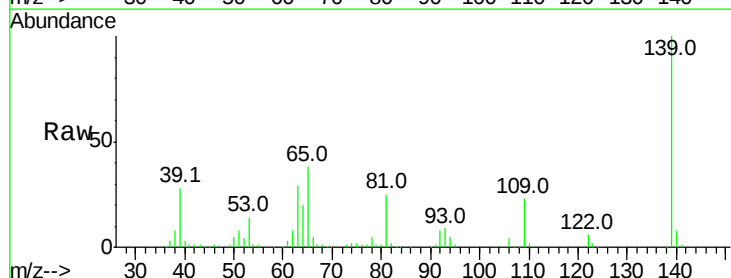
RT: 7.65 min Scan# 487

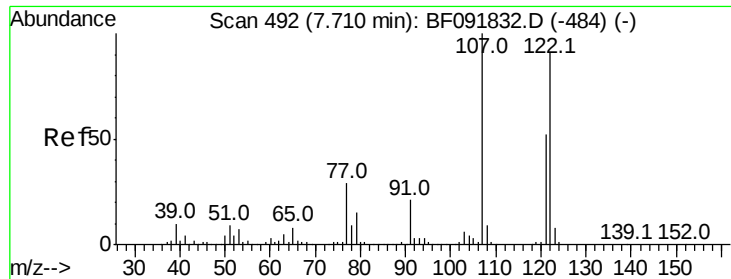
Delta R.T. -0.00 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 210967 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 22.7  | 23.3  | 34.9#  |
| 65        | 38.1  | 42.7  | 64.1#  |





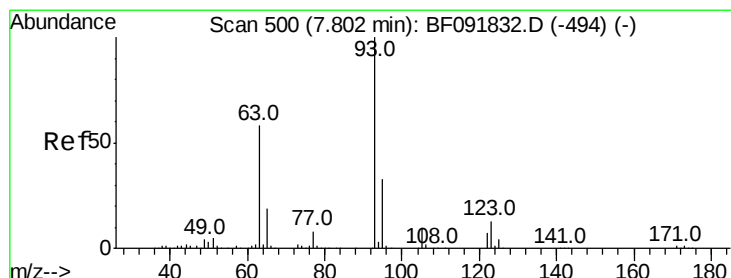
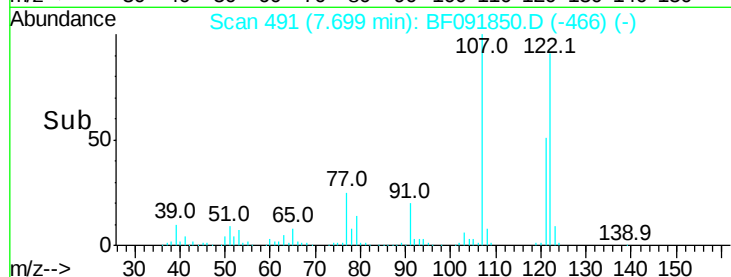
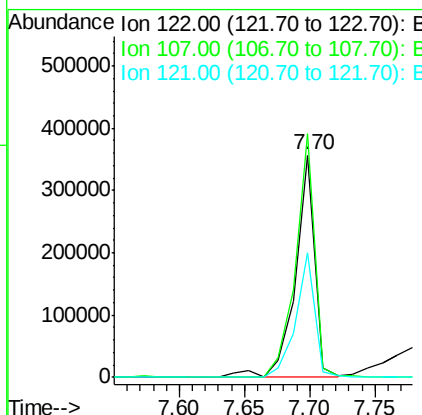
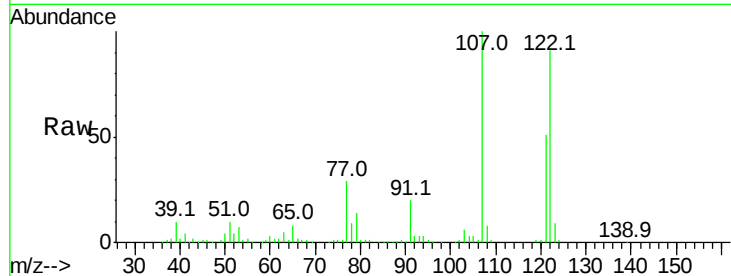
#27  
2,4-Dimethylphenol  
Concen: 17.53 ng  
RT: 7.70 min Scan# 491  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.5 | 94.1  | 141.1 |
| 121     | 56.0  | 46.0  | 69.0  |

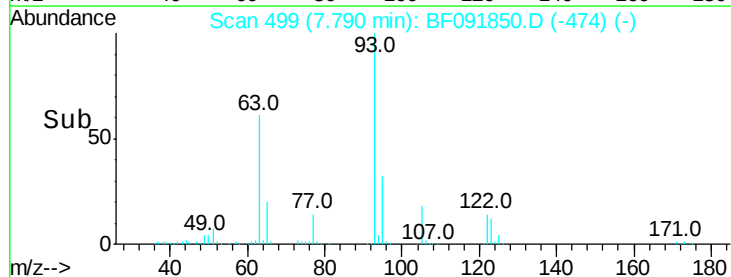
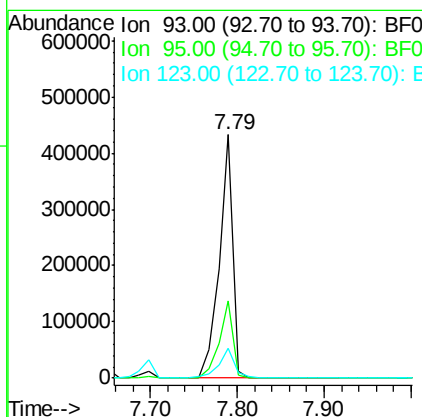
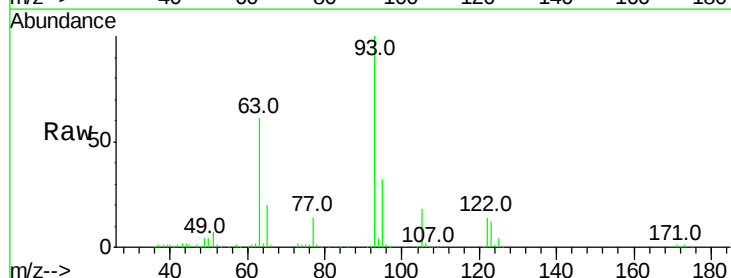
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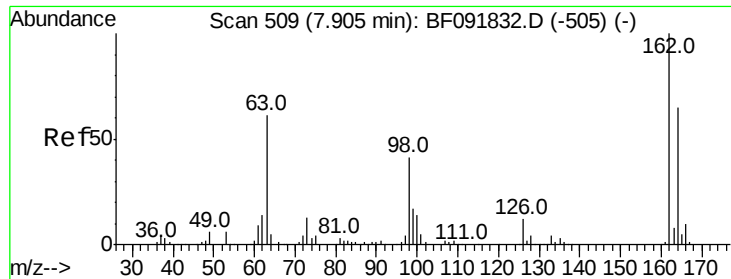
sohil  
12/22/2016 7:09:01 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 17.50 ng  
RT: 7.79 min Scan# 499  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 26.5  | 39.7  |
| 123     | 12.5  | 8.6   | 13.0  |





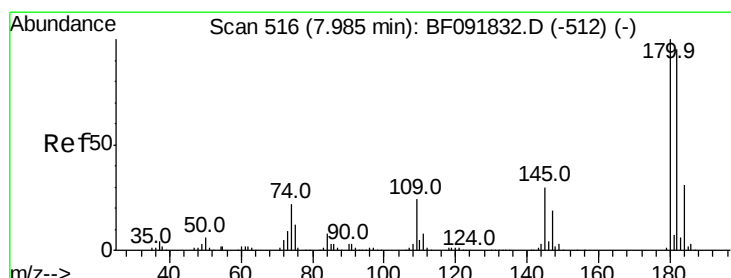
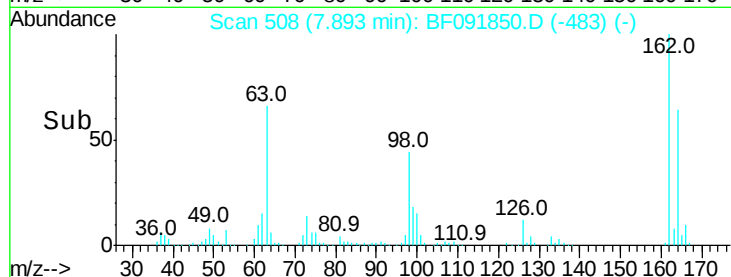
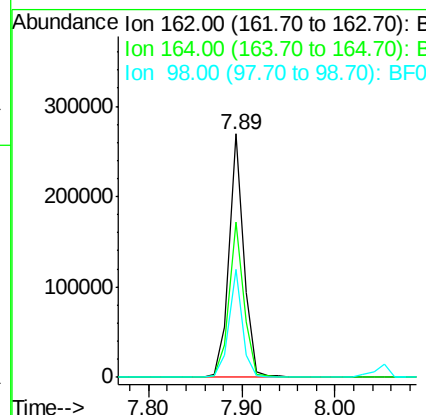
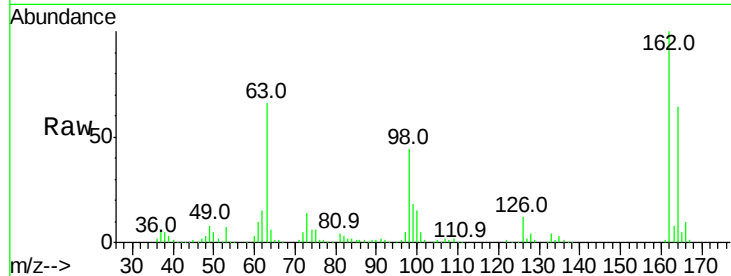
#29  
 2,4-Dichlorophenol  
 Concen: 16.52 ng  
 RT: 7.89 min Scan# 508  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 297533 |       |       |
| 164     | 63.7  | 46.8   | 86.8  |       |
| 98      | 44.5  | 9.1    | 49.1  |       |

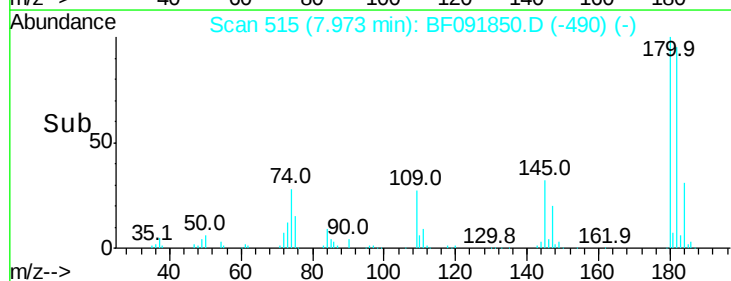
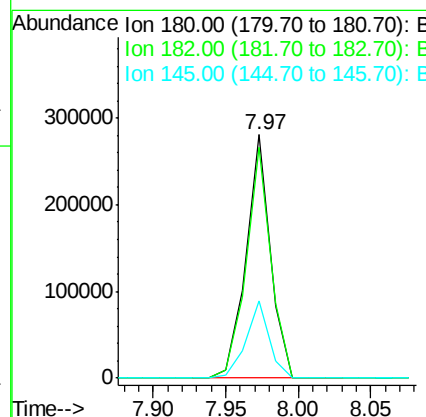
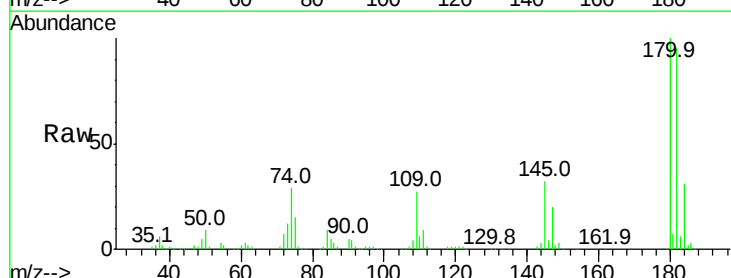
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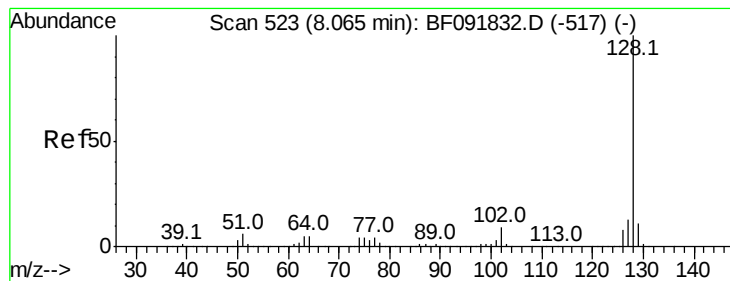
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 16.54 ng  
 RT: 7.97 min Scan# 515  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 326504 |       |       |
| 182     | 94.6  | 78.2   | 117.4 |       |
| 145     | 31.9  | 21.6   | 32.4  |       |





#31

Naphthalene

Concen: 18.37 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:128 Resp: 1141746

Ion Ratio Lower Upper

128 100

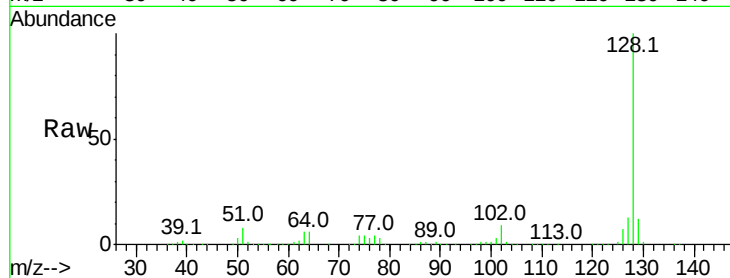
129 11.5 9.5 14.3

127 13.4 10.8 16.2

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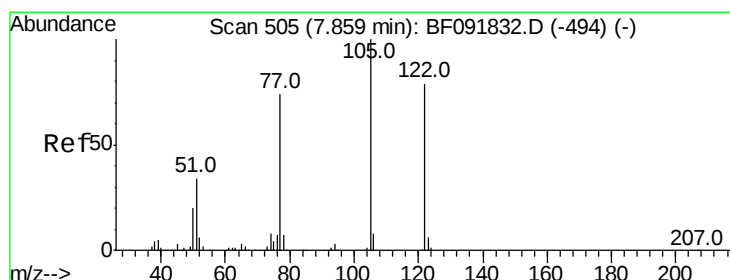
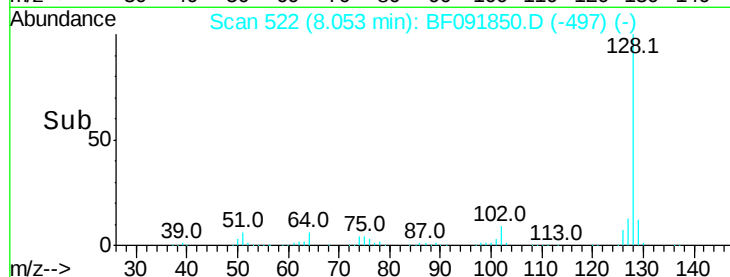
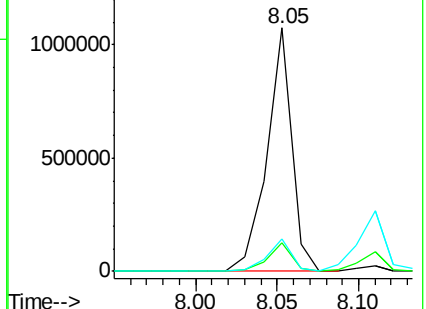
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.83 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.06 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

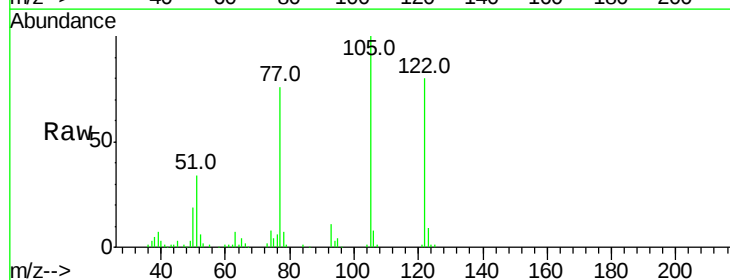
Tgt Ion:122 Resp: 218200

Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

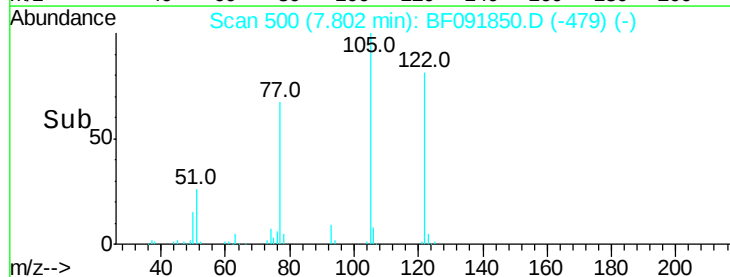
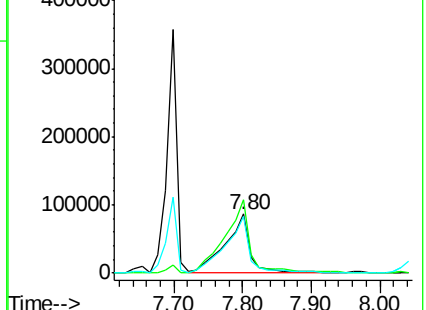
77 95.0 74.5 114.5

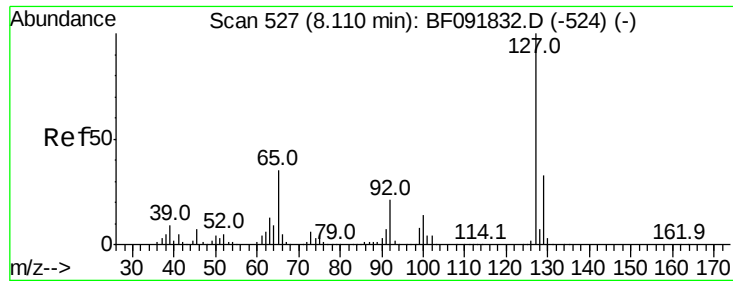


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





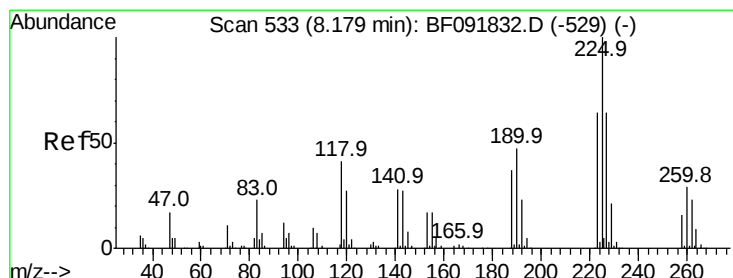
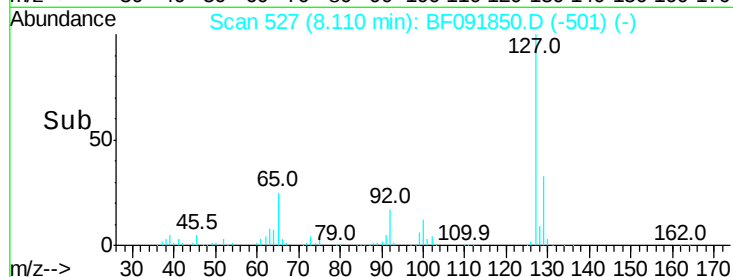
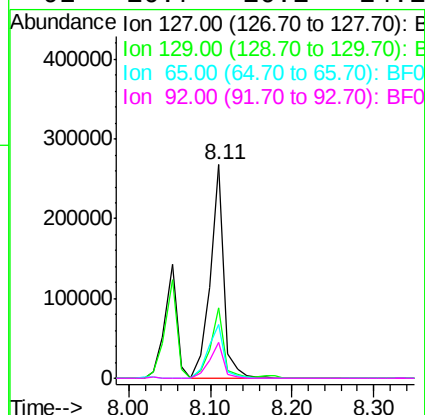
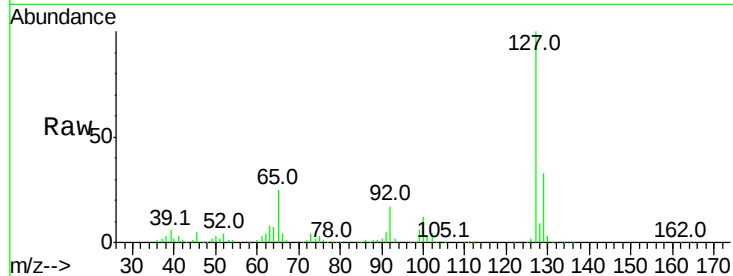
#33  
4-Chloroaniline  
Concen: 11.30 ng  
RT: 8.11 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.0 | 26.3  | 39.5 |       |       |
| 65      | 25.4 | 25.8  | 38.8 |       |       |
| 92      | 16.7 | 16.1  | 24.1 |       |       |

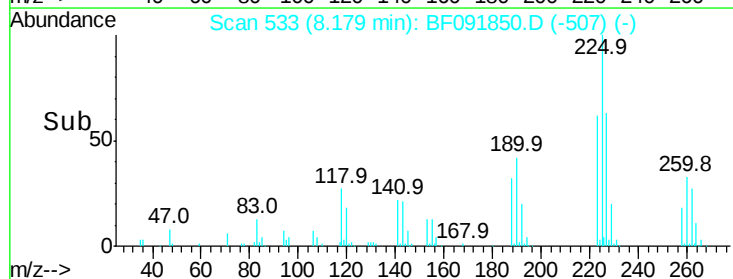
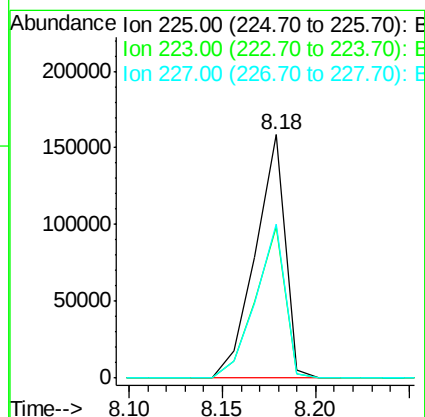
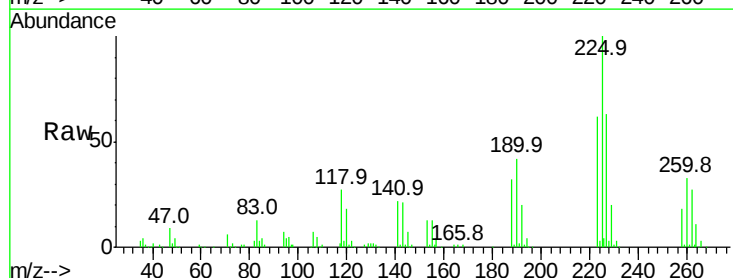
Manual Integrations  
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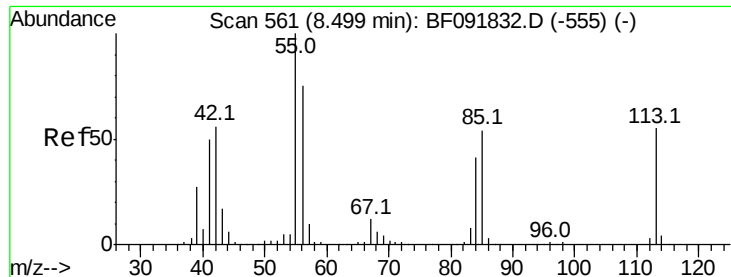
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#34  
Hexachlorobutadiene  
Concen: 17.12 ng  
RT: 8.18 min Scan# 533  
Delta R.T. -0.00 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.3 | 51.0  | 76.6 |       |       |
| 227     | 63.0 | 50.6  | 76.0 |       |       |





#35

Caprolactam

Concen: 15.55 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

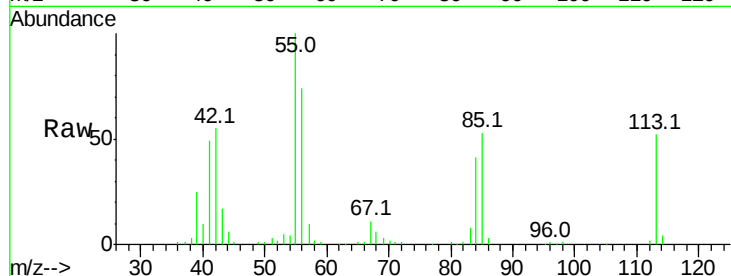
ClientSampleId :

LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 194.1 | 119.2 | 159.2# |
| 56      | 143.2 | 83.8  | 123.8# |

Manual Integrations  
APPROVED

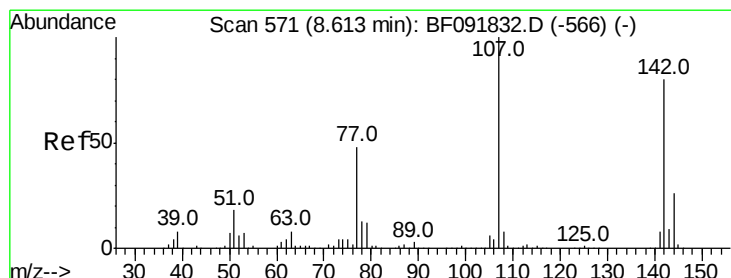
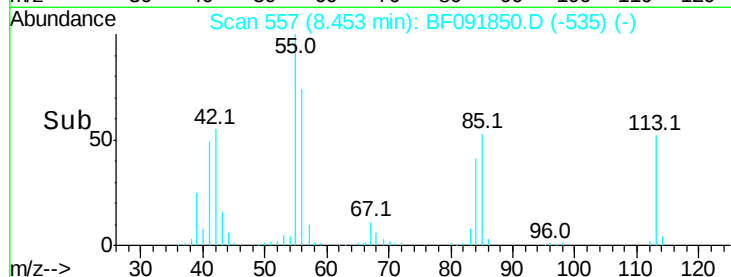
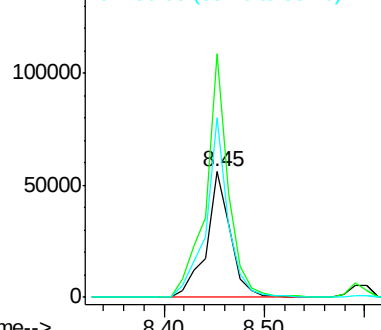
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 15.63 ng

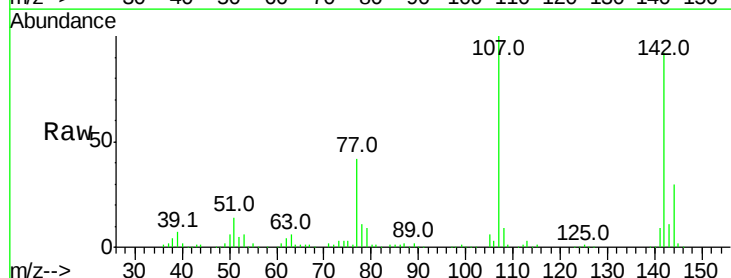
RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

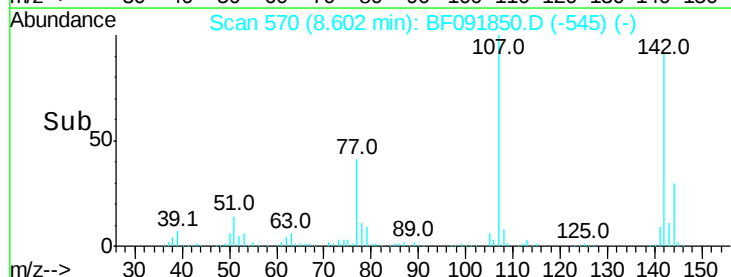
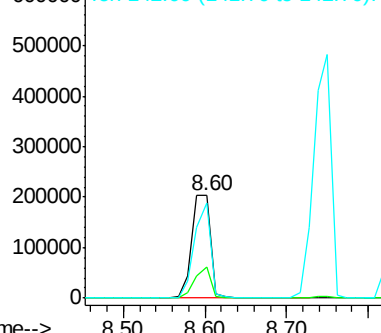
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 30.0  | 19.3  | 28.9# |
| 142     | 92.2  | 59.0  | 88.6# |

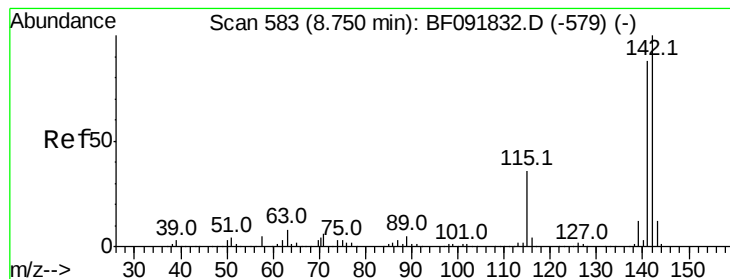


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





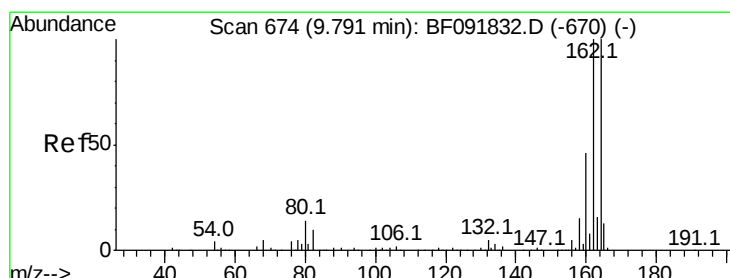
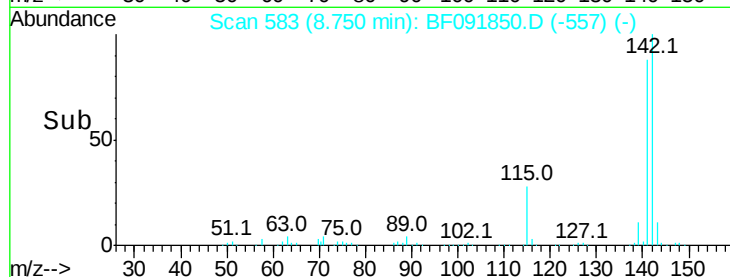
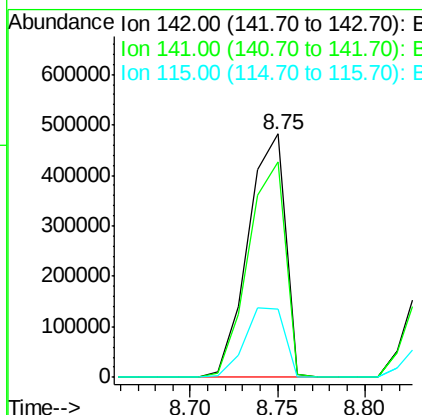
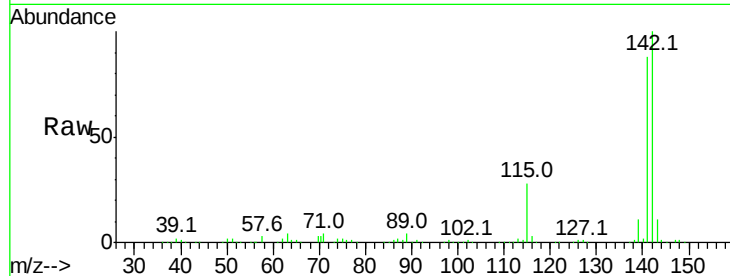
#37  
2-Methylnaphthalene  
Concen: 15.27 ng/mL  
RT: 8.75 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 71.0  | 106.6 |
| 115     | 28.1  | 28.3  | 42.5  |

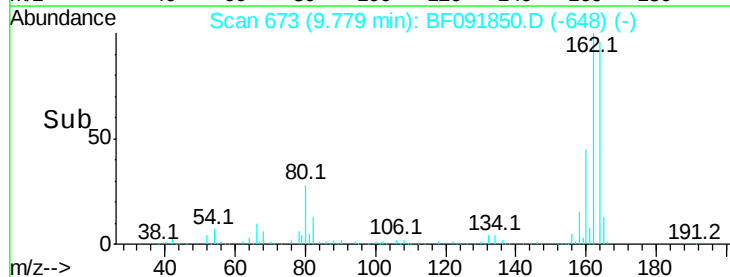
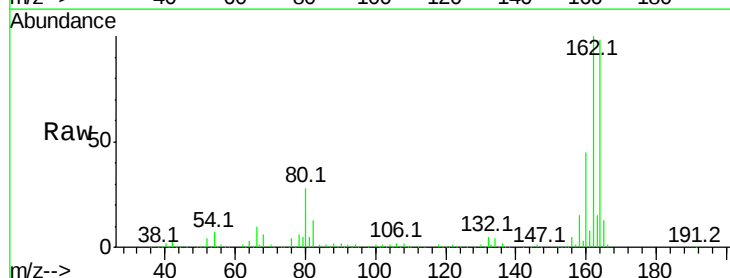
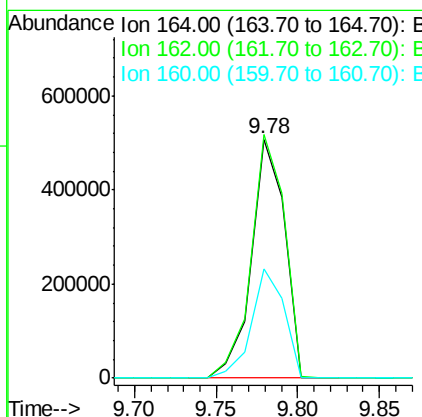
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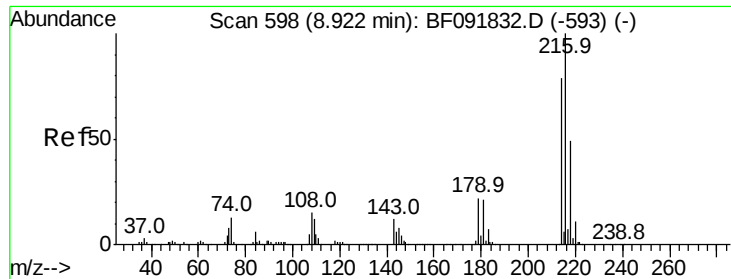
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#38  
Acenaphthene-d10  
Concen: 20.00 ng/mL  
RT: 9.78 min Scan# 673  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 80.2  | 120.2 |
| 160     | 45.9  | 36.9  | 55.3  |





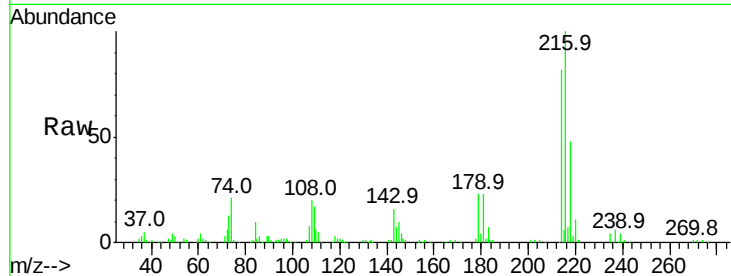
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 16.40 ng  
 RT: 8.91 min Scan# 597  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

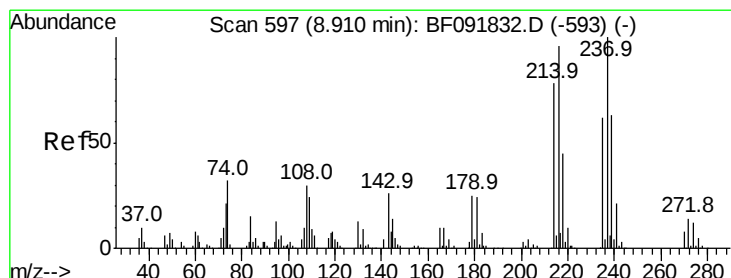
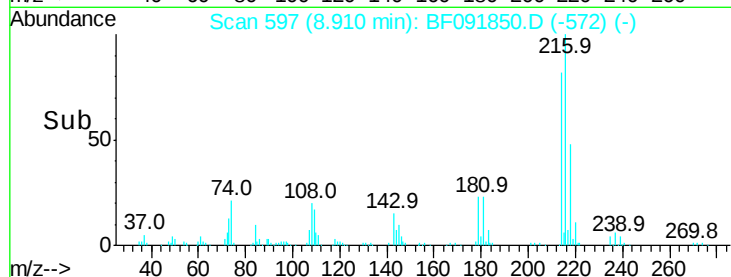
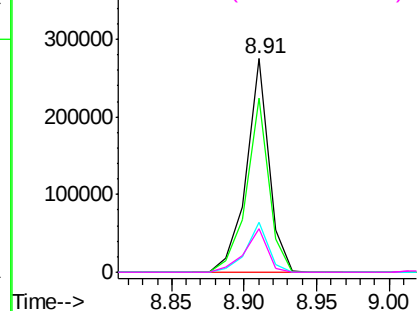
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 297405 |       |       |
| 214     | 80.4  | 63.4   | 95.0  |       |
| 179     | 22.5  | 17.4   | 26.2  |       |
| 108     | 20.8  | 15.6   | 23.4  |       |

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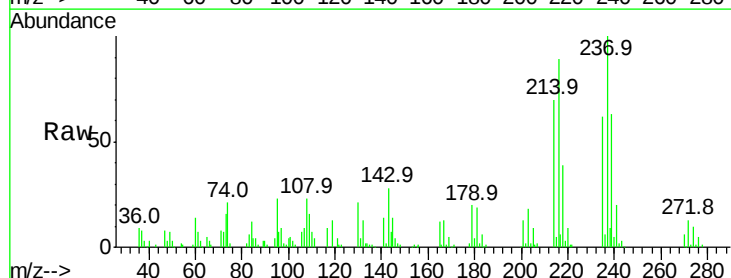


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

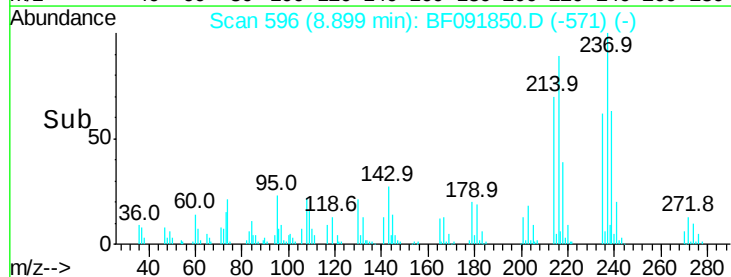
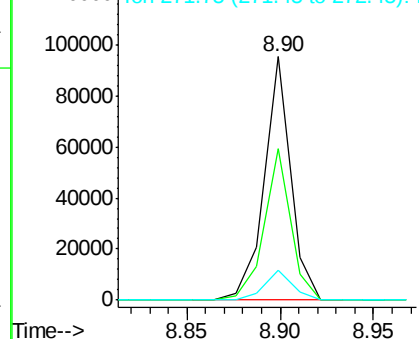


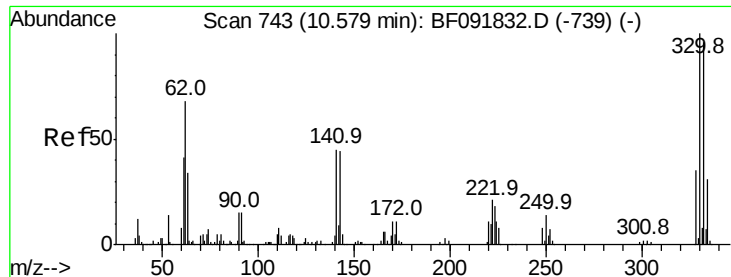
#40  
 Hexachlorocyclopentadiene  
 Concen: 14.92 ng  
 RT: 8.90 min Scan# 596  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 93020 |       |       |
| 235     | 62.0  | 41.2  | 81.2  |       |
| 272     | 12.5  | 0.0   | 35.4  |       |



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





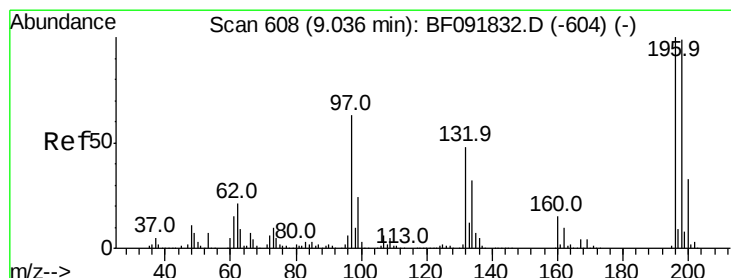
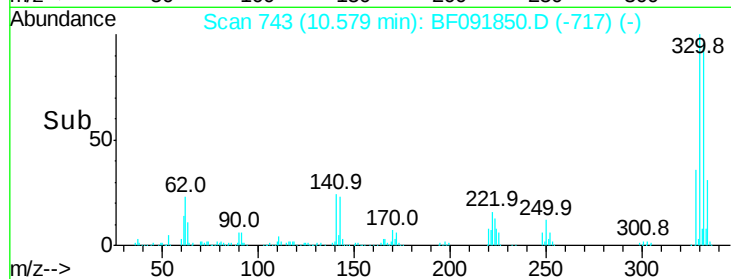
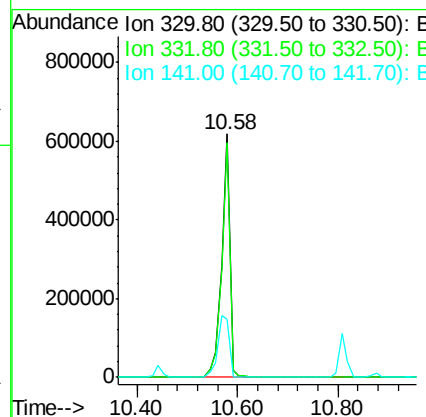
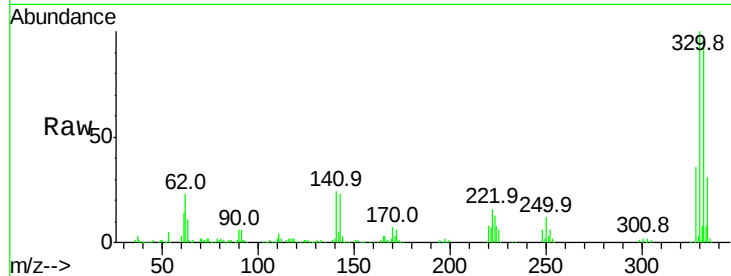
#41  
 2,4,6-Tribromophenol  
 Concen: 118.15 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.00 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 77.4  | 116.2 |
| 141     | 35.5  | 34.1  | 51.1  |

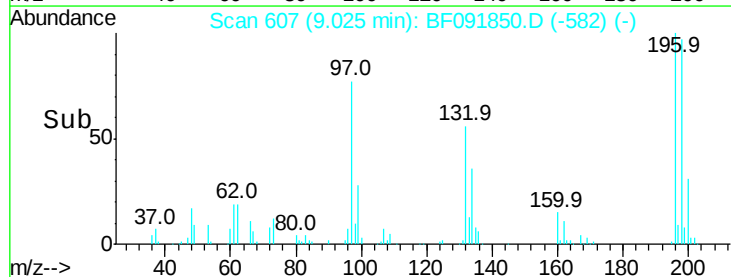
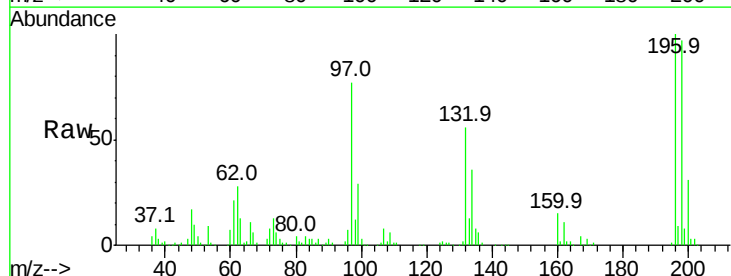
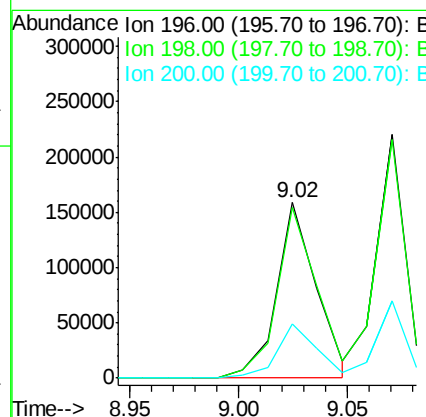
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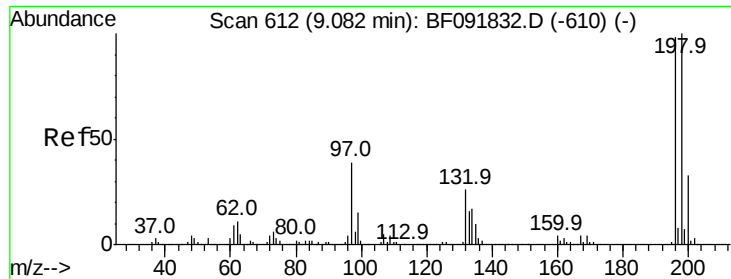
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#42  
 2,4,6-Trichlorophenol  
 Concen: 16.03 ng  
 RT: 9.02 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.2  | 82.1  | 123.1 |
| 200     | 31.1  | 27.0  | 40.4  |





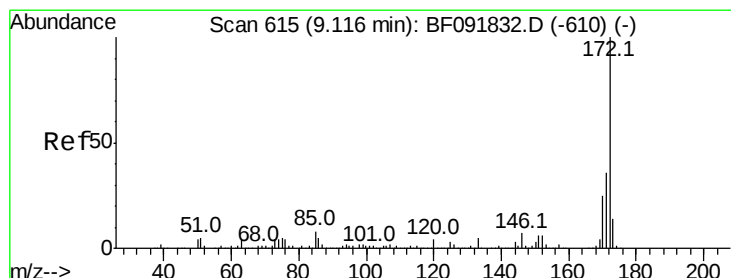
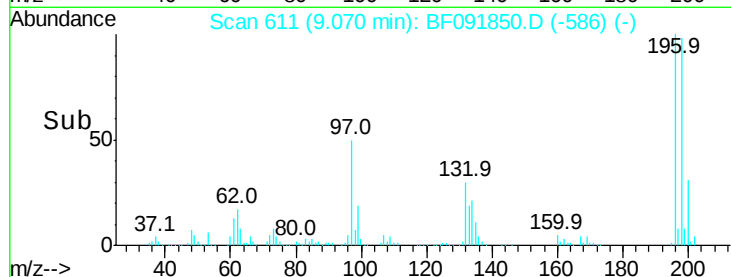
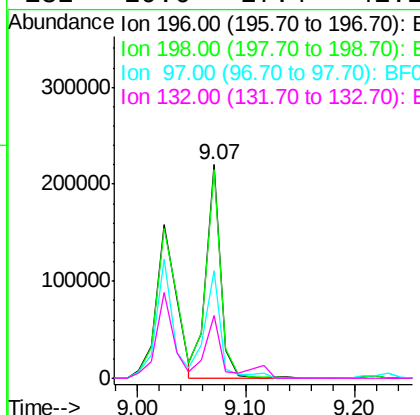
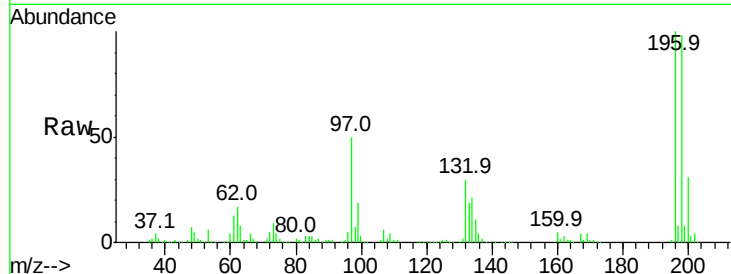
#43  
 2,4,5-Trichlorophenol  
 Concen: 15.82 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 206531 |       |       |
| 198     | 97.8  | 79.4   | 119.2 |       |
| 97      | 50.2  | 51.5   | 77.3# |       |
| 132     | 29.6  | 27.4   | 41.2  |       |

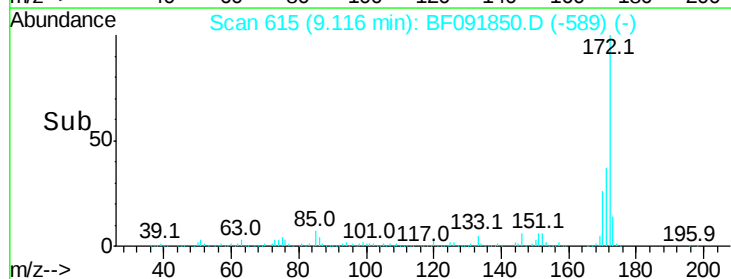
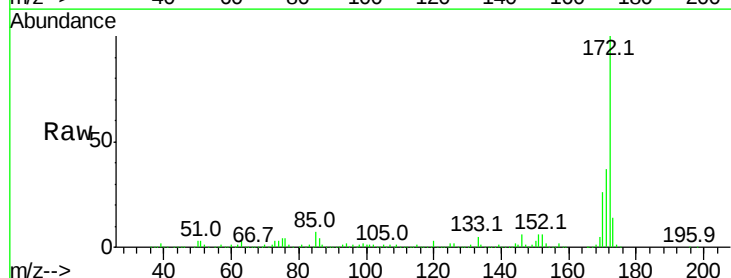
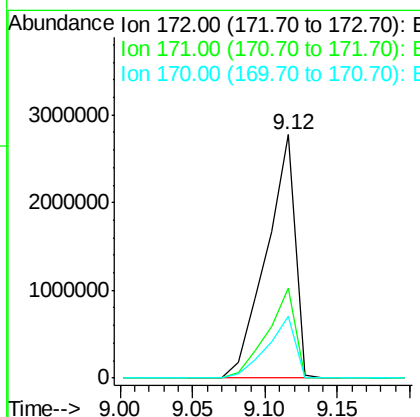
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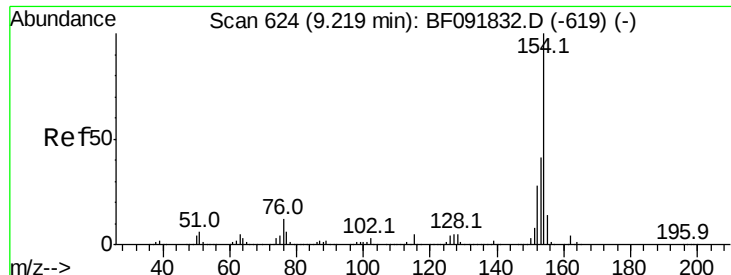
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#44  
 2-Fluorobiphenyl  
 Concen: 113.35 ng  
 RT: 9.12 min Scan# 615  
 Delta R.T. -0.00 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 3820179 |       |       |
| 171     | 37.1  | 29.4    | 44.0  |       |
| 170     | 25.6  | 20.2    | 30.4  |       |





#45

1,1'-Biphenyl

Concen: 17.67 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

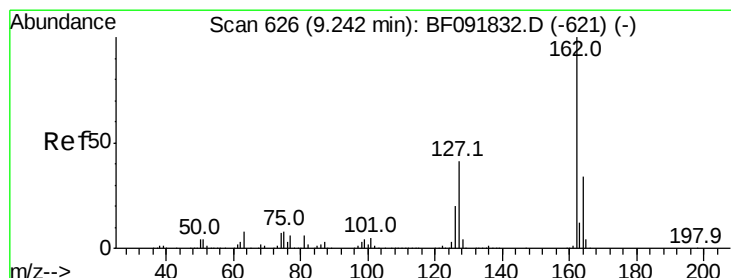
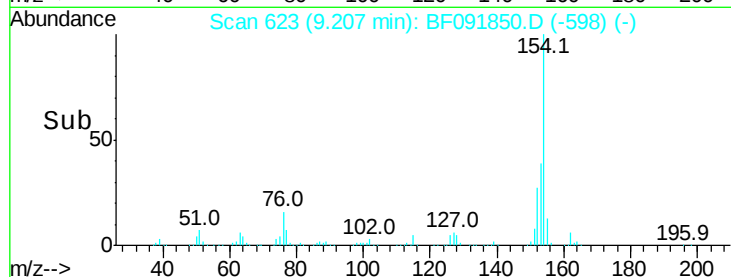
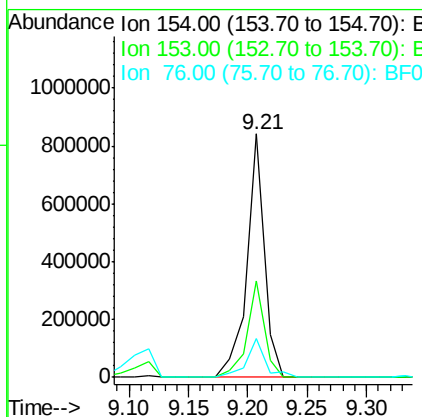
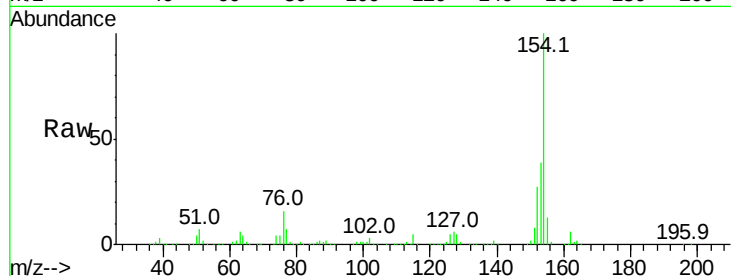
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 868461 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.5  | 20.9  | 60.9   |
| 76        | 15.9  | 0.0   | 30.5   |

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#46

2-Chloronaphthalene

Concen: 16.84 ng

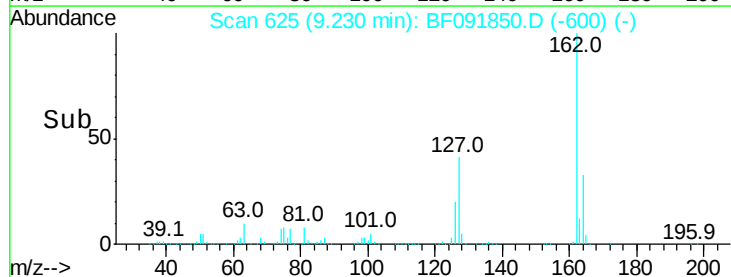
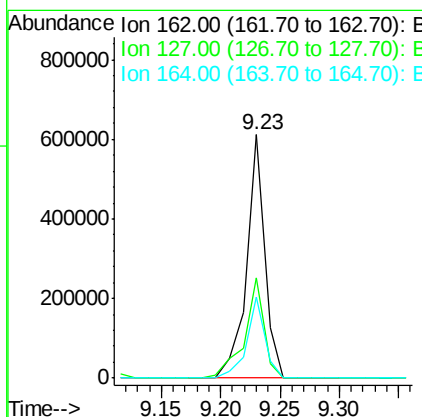
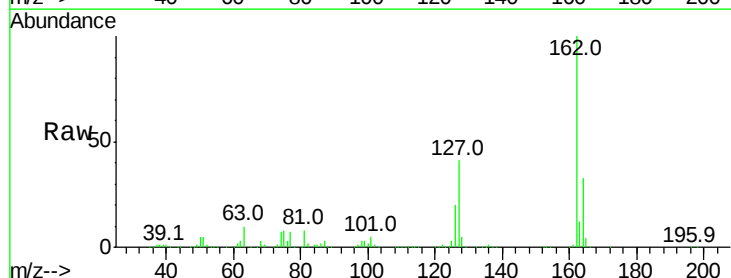
RT: 9.23 min Scan# 625

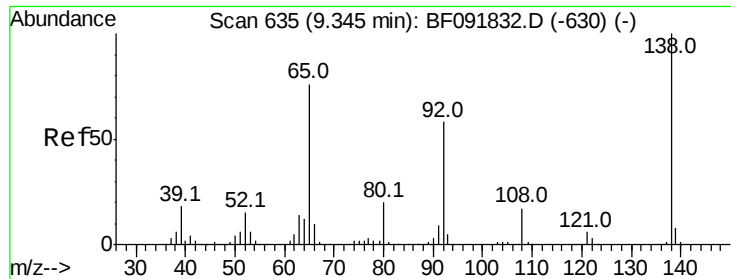
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 655348 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.3  | 30.7  | 46.1   |
| 164       | 33.2  | 27.6  | 41.4   |





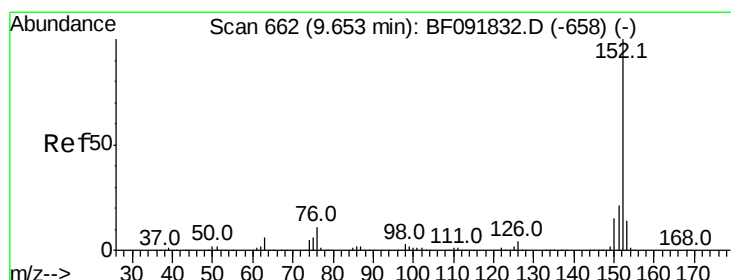
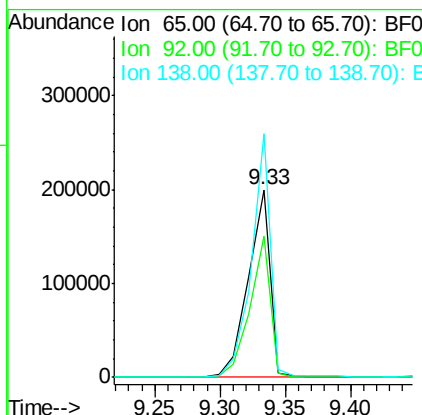
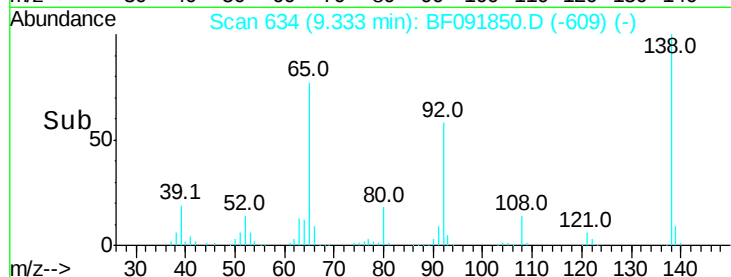
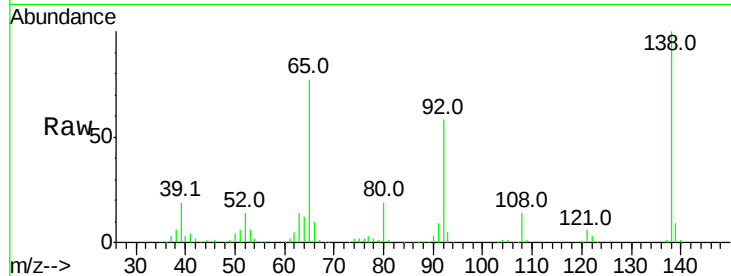
#47  
 2-Nitroaniline  
 Concen: 16.83 ng  
 RT: 9.33 min Scan# 634  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

Tot Ion: 65 Resp: 233276  
 Ion Ratio Lower Upper  
 65 100  
 92 75.1 53.9 80.9  
 138 129.7 76.8 115.2#

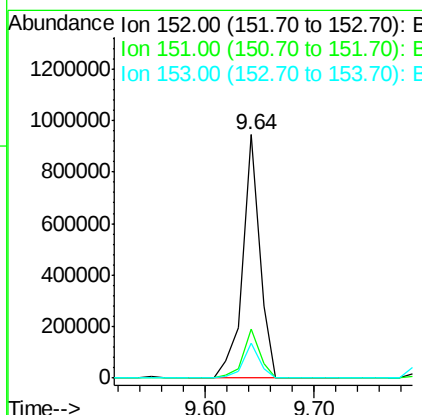
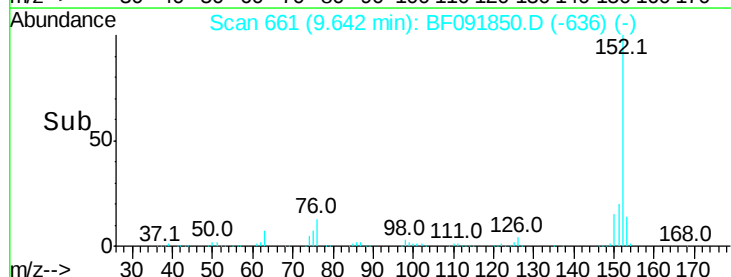
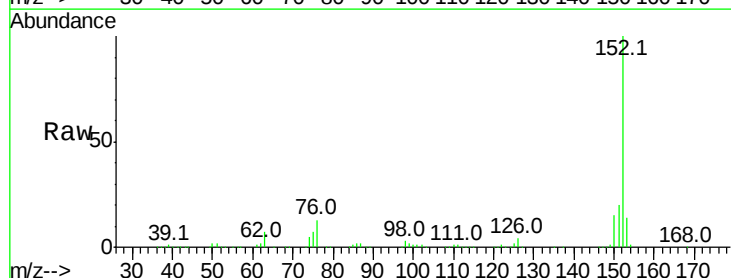
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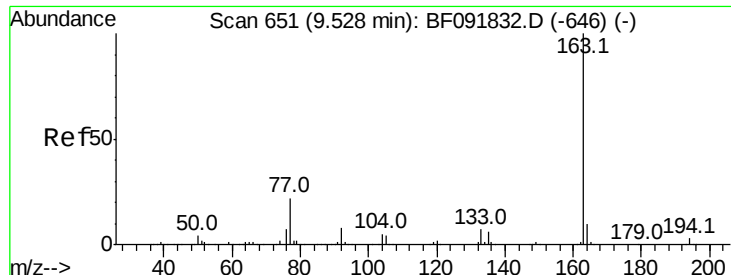
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#48  
 Acenaphthylene  
 Concen: 17.12 ng  
 RT: 9.64 min Scan# 661  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Tgt Ion:152 Resp: 1025060  
 Ion Ratio Lower Upper  
 152 100  
 151 20.2 16.9 25.3  
 153 14.3 11.4 17.2





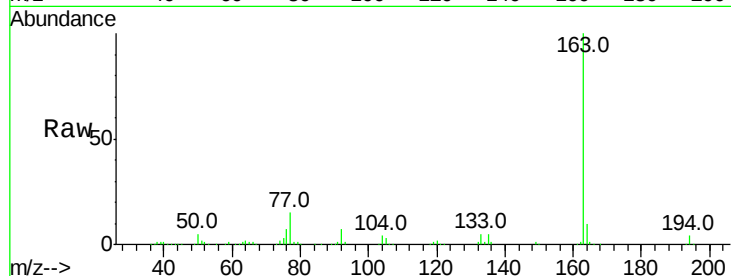
#49  
Dimethylphthalate  
Concen: 16.65 ng  
RT: 9.52 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

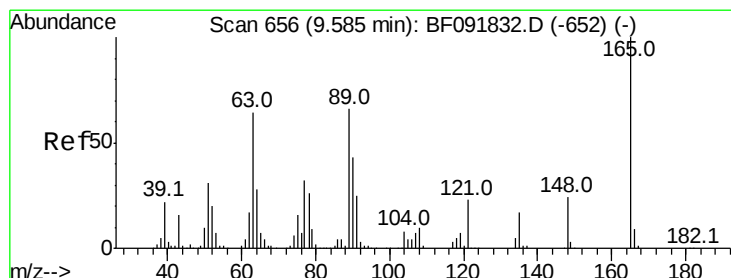
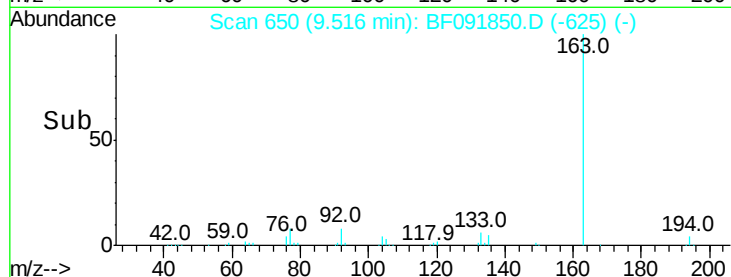
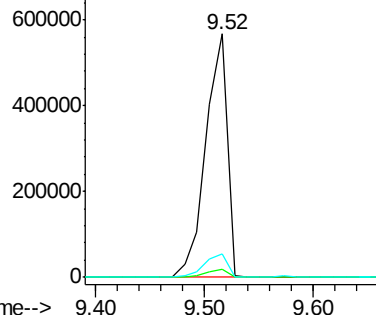
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 764521 |       |       |
| 194     | 3.6   |        | 3.0   | 4.4   |
| 164     | 9.8   |        | 8.0   | 12.0  |

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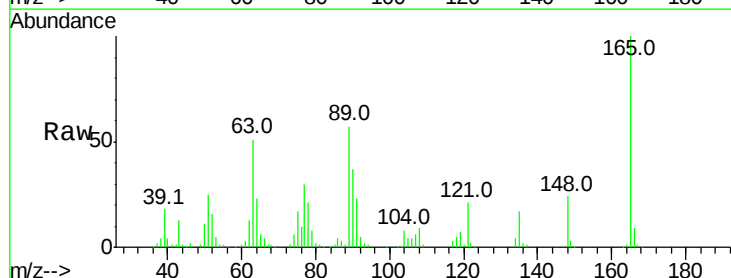


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

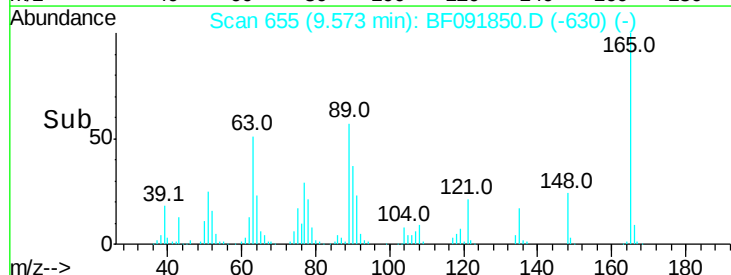
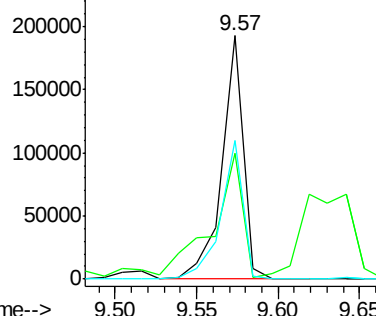


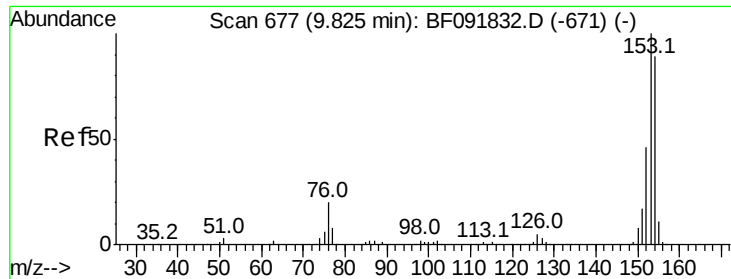
#50  
2,6-Dinitrotoluene  
Concen: 17.49 ng  
RT: 9.57 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 175762 |       |       |
| 63      | 51.5  |        | 36.2  | 54.4  |
| 89      | 57.0  |        | 40.2  | 60.4  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 16.64 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

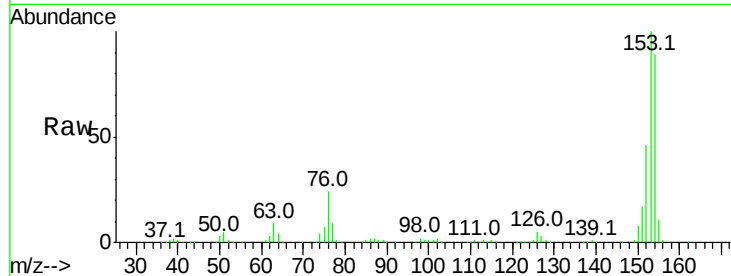
ClientSampleId :

LOQ-WATER-06-QT1-2017

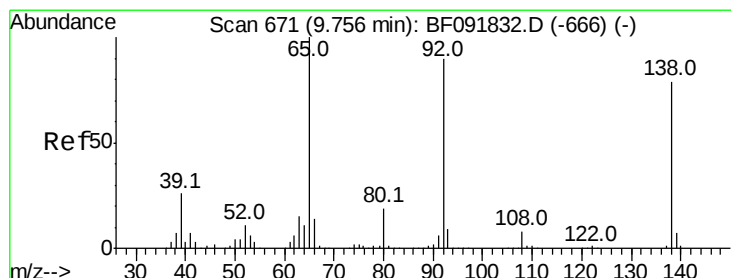
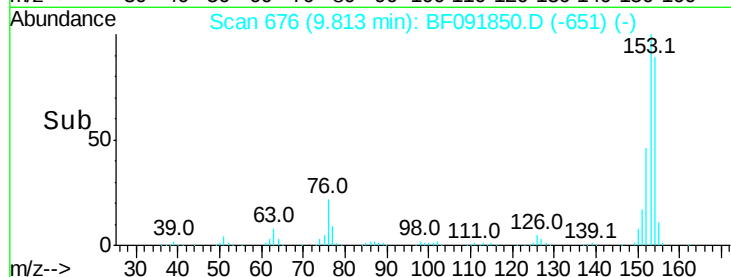
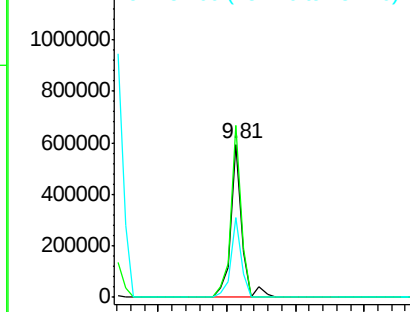
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.1 | 88.6  | 133.0 |
| 152     | 51.9  | 41.6  | 62.4  |

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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: 11.88 ng

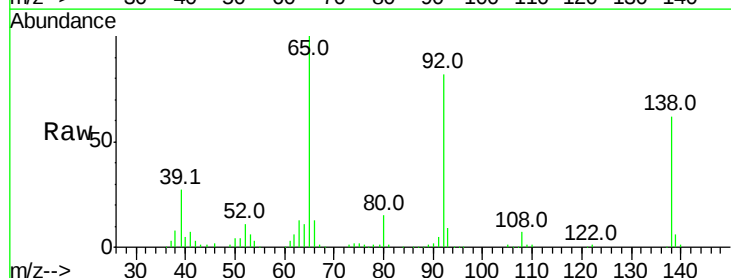
RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

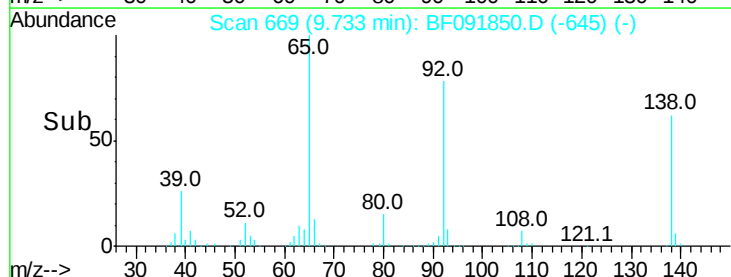
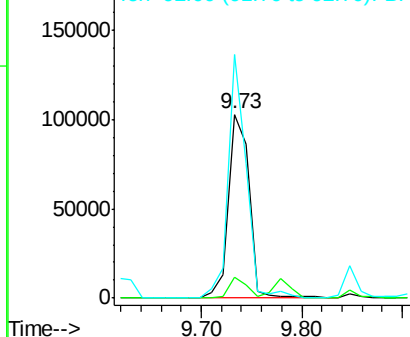
Lab File: BF091850.D

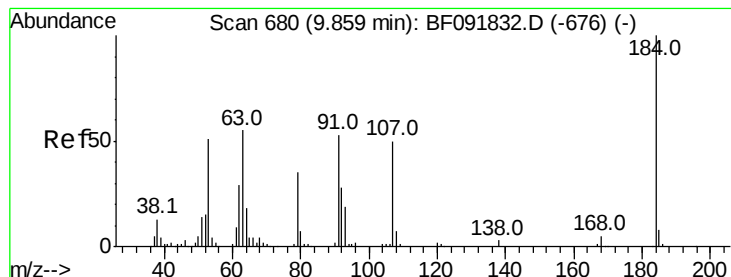
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.0  | 8.5   | 12.7  |
| 92      | 132.5 | 97.8  | 146.8 |



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): BF0





#53

2,4-Dinitrophenol

Concen: 12.18 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

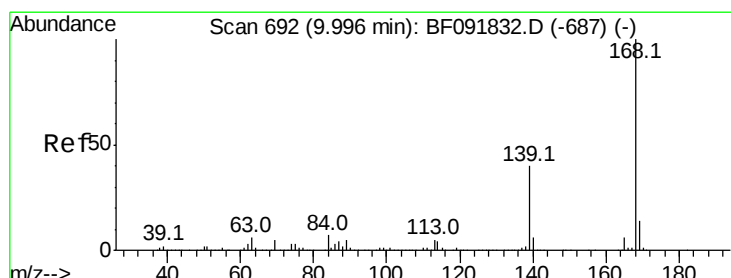
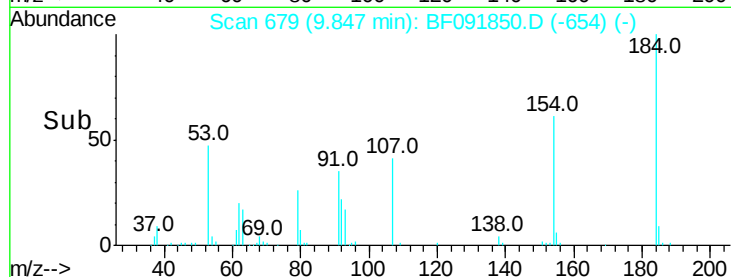
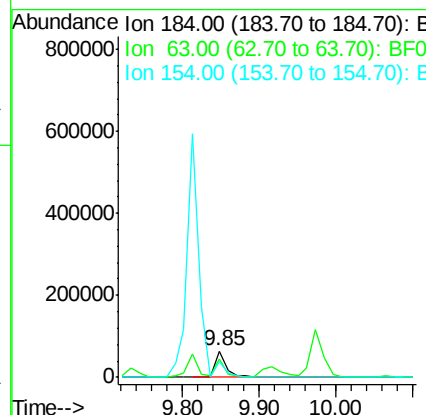
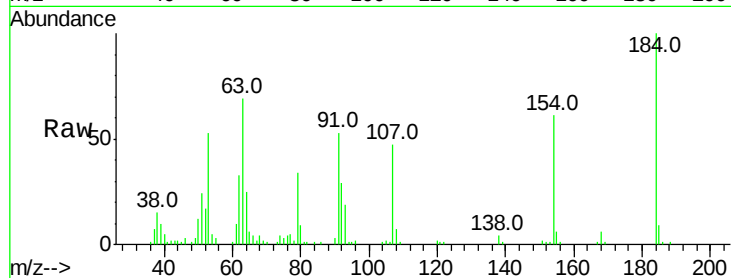
ClientSampleId :

LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 68114 |       |       |
| 63      | 69.2  | 28.4  | 42.6# |       |
| 154     | 61.3  | 44.3  | 66.5  |       |

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#54

Dibenzofuran

Concen: 14.99 ng

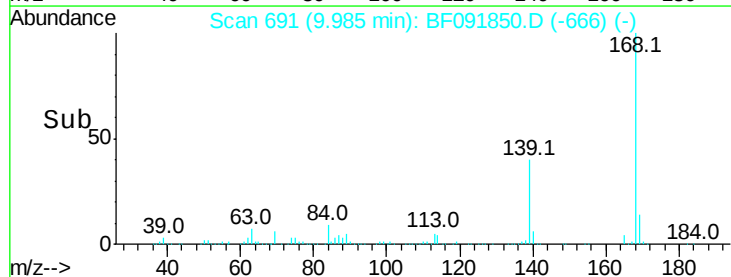
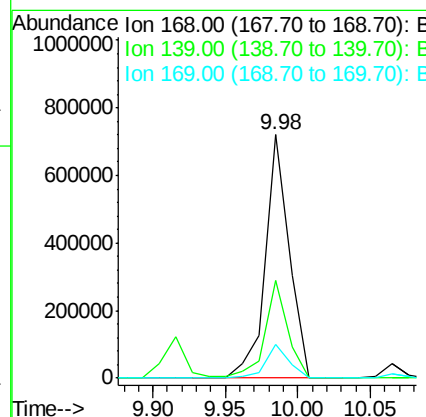
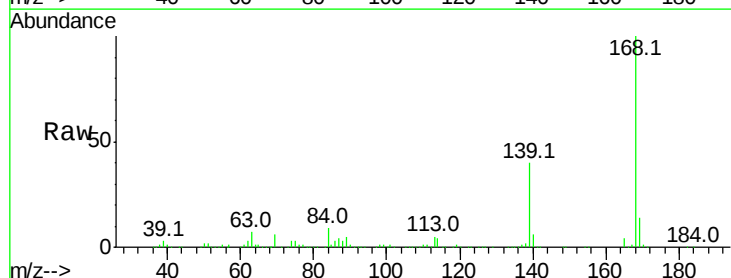
RT: 9.98 min Scan# 691

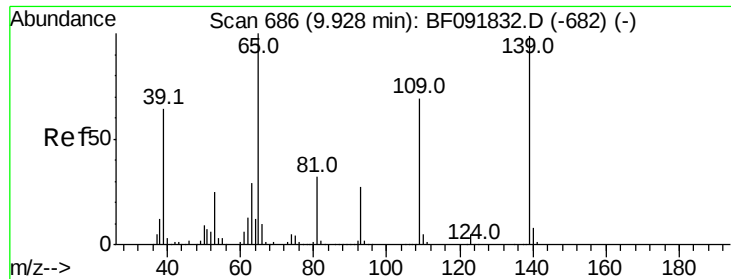
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 821682 |       |       |
| 139     | 40.4  | 32.6   | 49.0  |       |
| 169     | 13.9  | 11.3   | 16.9  |       |





#55

4-Nitrophenol

Concen: 15.67 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

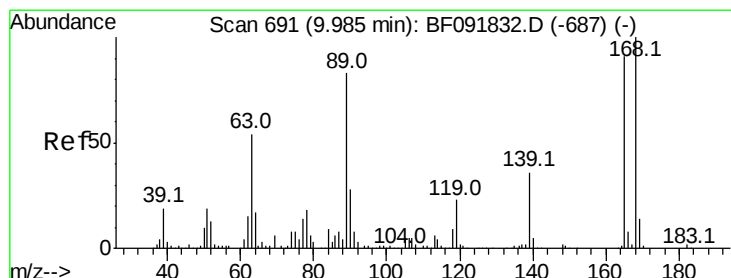
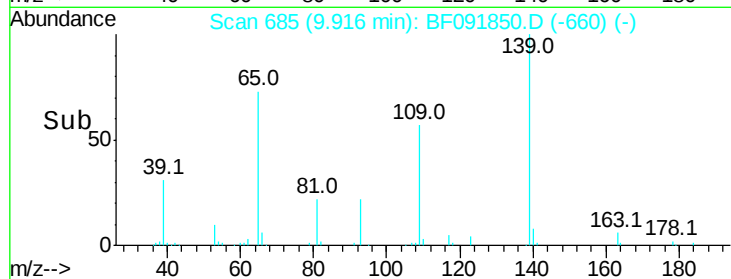
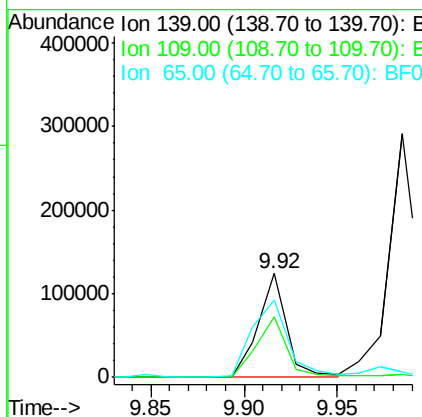
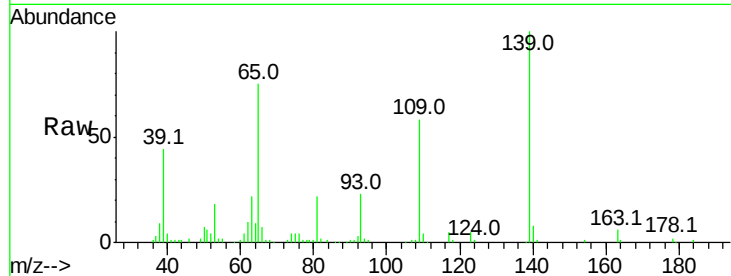
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 132265 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 57.7  | 52.2  | 92.2   |
| 65        | 74.7  | 85.8  | 125.8# |

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#56

2,4-Dinitrotoluene

Concen: 16.48 ng

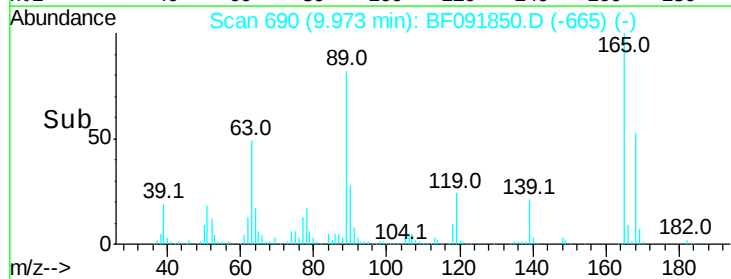
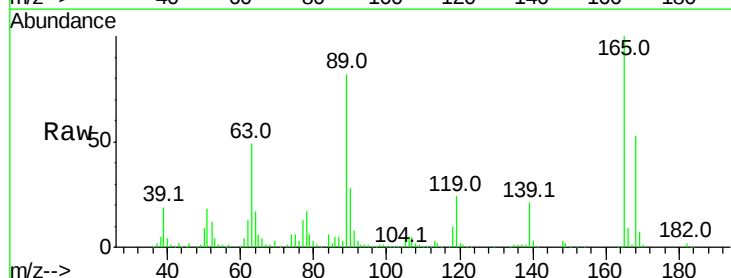
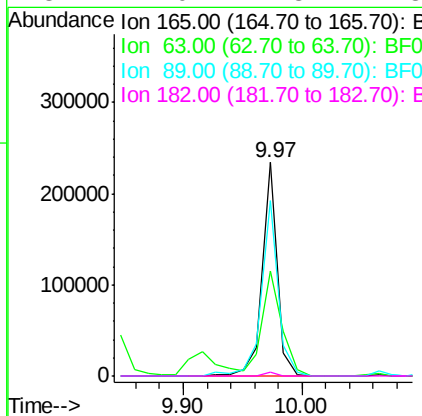
RT: 9.97 min Scan# 690

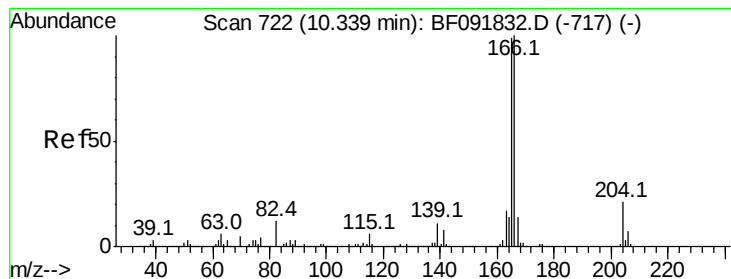
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 207819 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 49.1  | 40.2  | 60.4   |
| 89        | 82.1  | 62.5  | 93.7   |
| 182       | 2.0   | 1.8   | 2.8    |





#57

Fluorene

Concen: 16.34 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

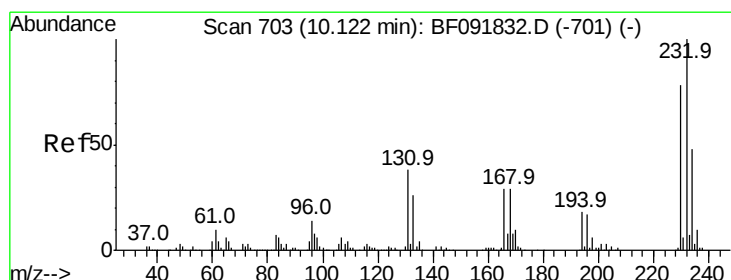
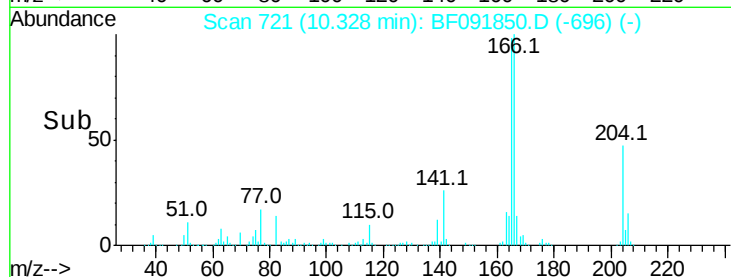
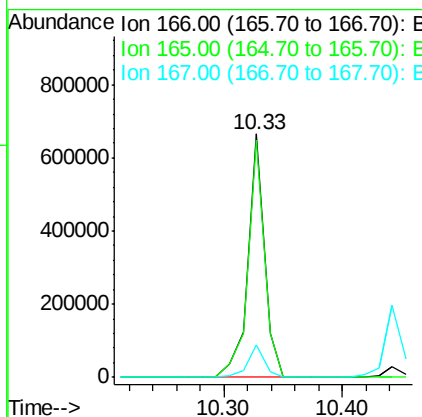
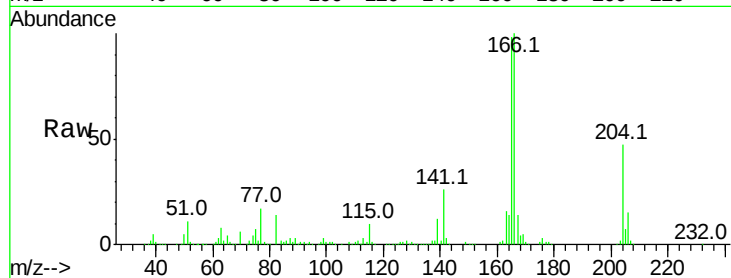
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 651337 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.5  | 77.8  | 116.8  |
| 167       | 13.6  | 10.8  | 16.2   |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 15.18 ng

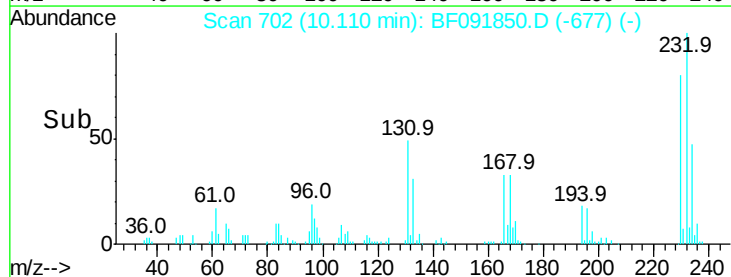
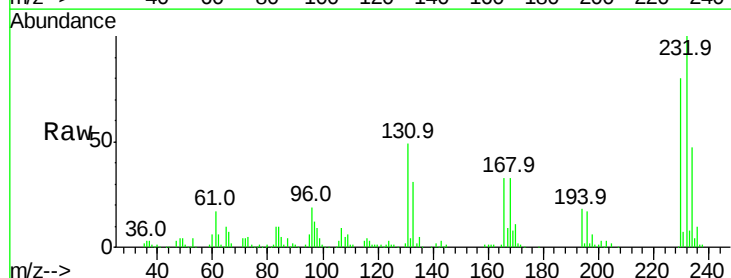
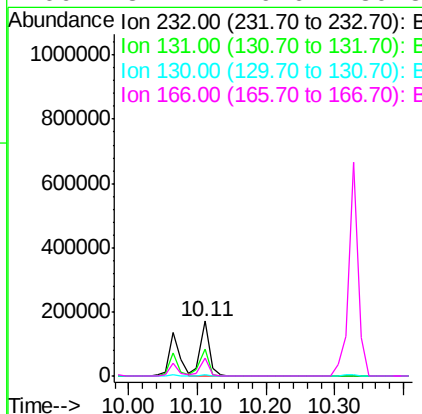
RT: 10.11 min Scan# 702

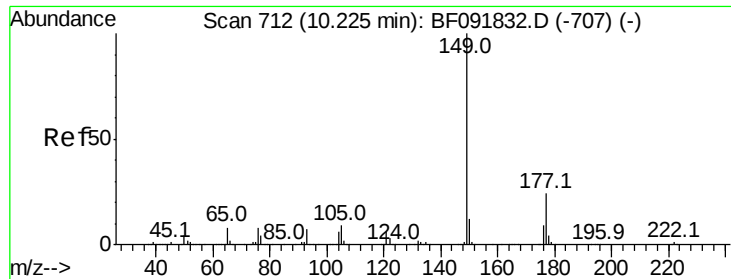
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 156669 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 49.8  | 40.1  | 60.1   |
| 130       | 2.0   | 1.8   | 2.8    |
| 166       | 31.4  | 26.6  | 39.8   |





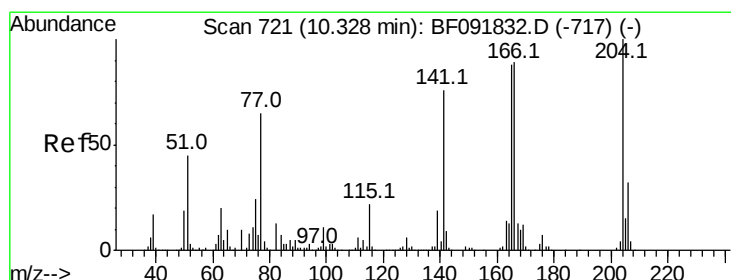
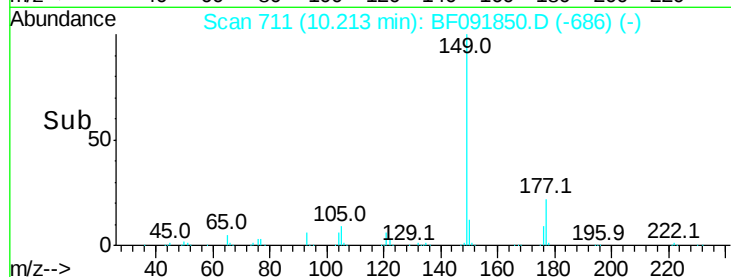
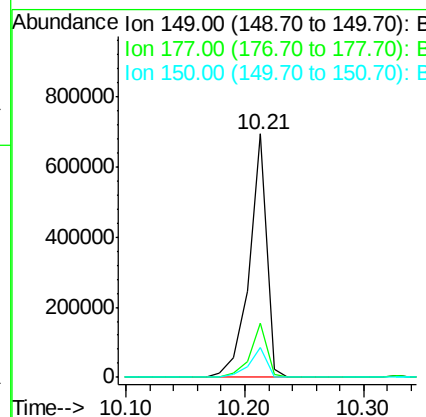
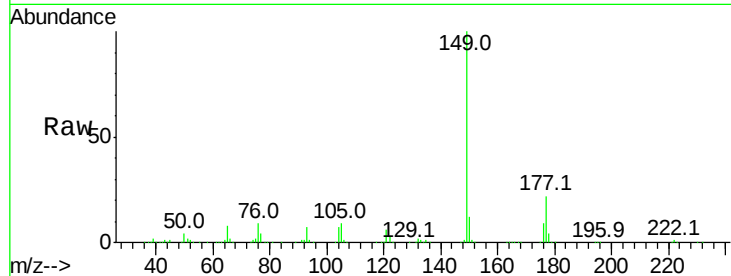
#59  
Diethylphthalate  
Concen: 15.87 ng  
RT: 10.21 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 707600 |       |       |
| 177     | 22.3  |        | 16.6  | 25.0  |
| 150     | 12.4  |        | 10.4  | 15.6  |

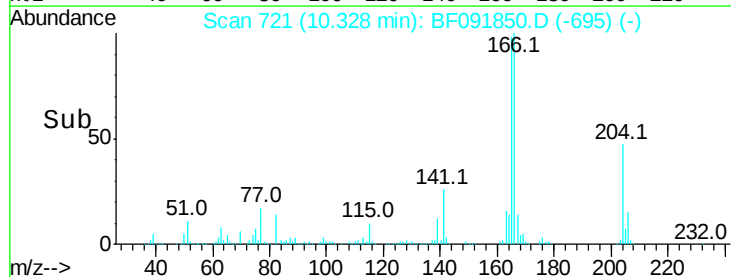
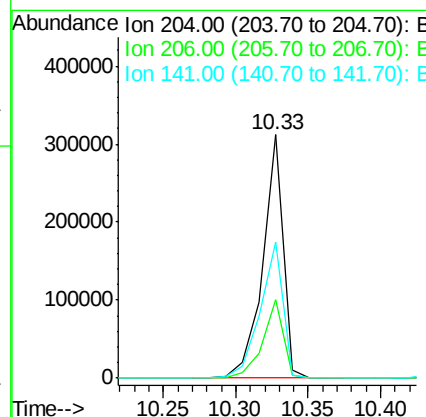
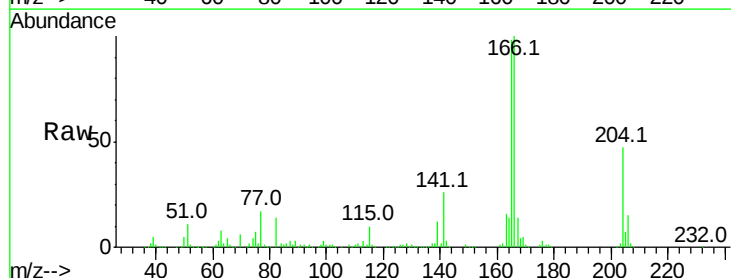
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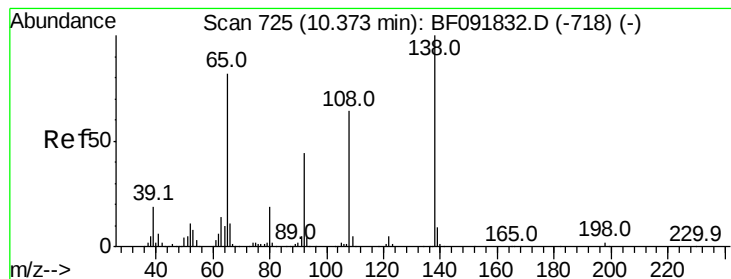
sohil  
12/22/2016 7:09:01 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 17.36 ng  
RT: 10.33 min Scan# 721  
Delta R.T. -0.00 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 303005 |       |       |
| 206     | 32.5  |        | 25.8  | 38.6  |
| 141     | 56.0  |        | 59.4  | 89.0# |





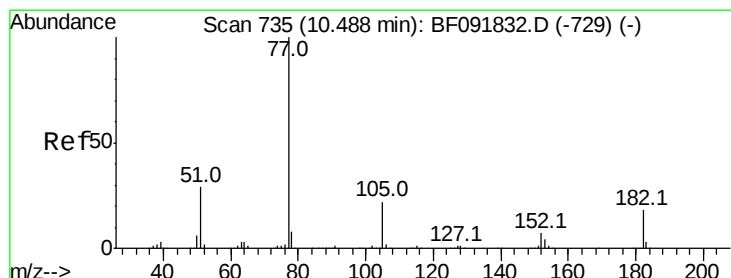
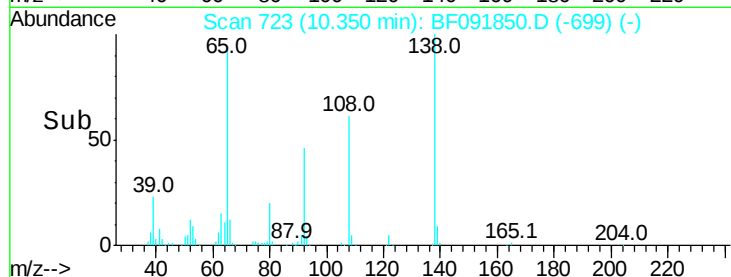
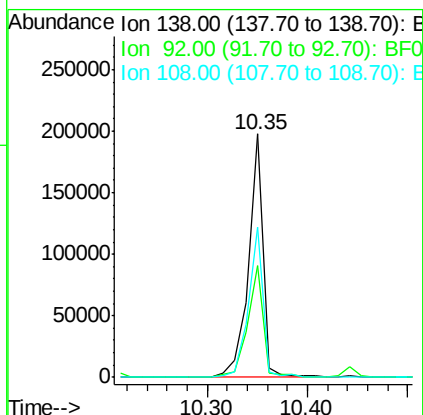
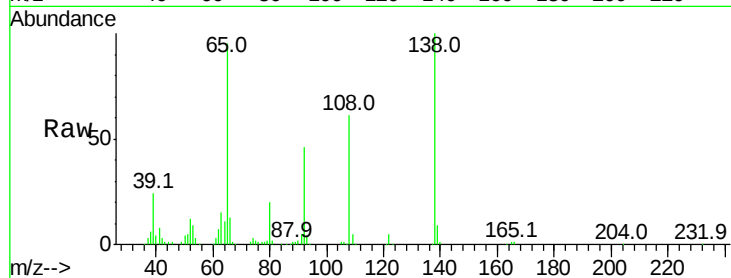
#61  
4-Nitroaniline  
Concen: 15.51 ng  
RT: 10.35 min Scan# 723  
Delta R.T. -0.02 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.0  | 31.7  | 71.7  |
| 108     | 61.5  | 52.6  | 92.6  |

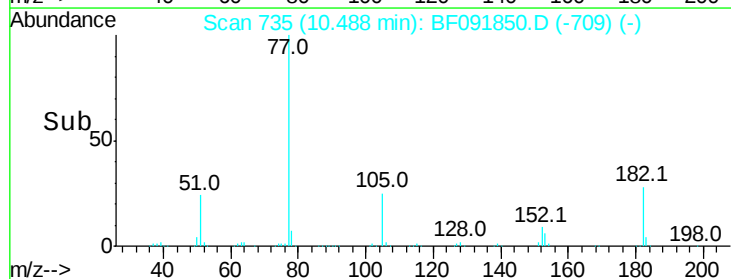
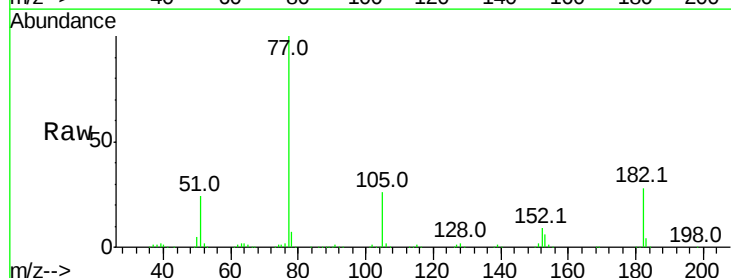
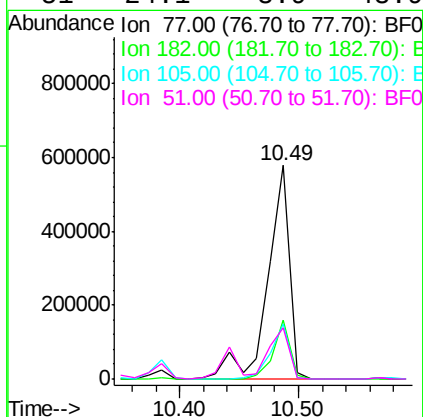
Manual Integrations  
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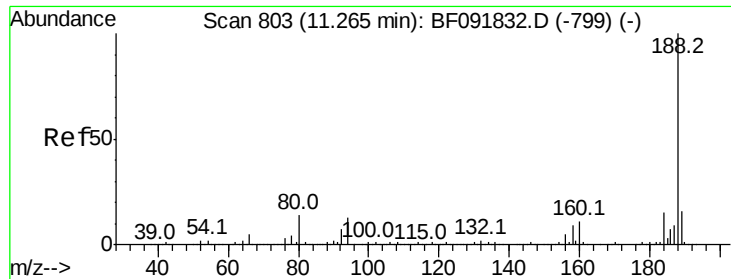
sohil  
12/22/2016 7:09:01 PM



#62  
Azobenzene  
Concen: 14.98 ng  
RT: 10.49 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.7  | 0.0   | 39.3  |
| 105     | 25.6  | 2.3   | 42.3  |
| 51      | 24.1  | 8.9   | 48.9  |





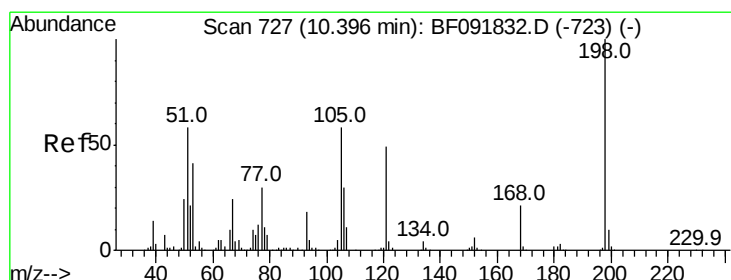
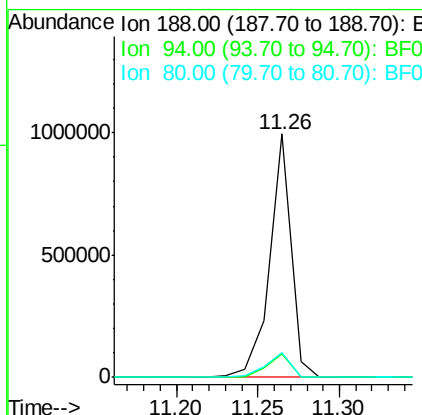
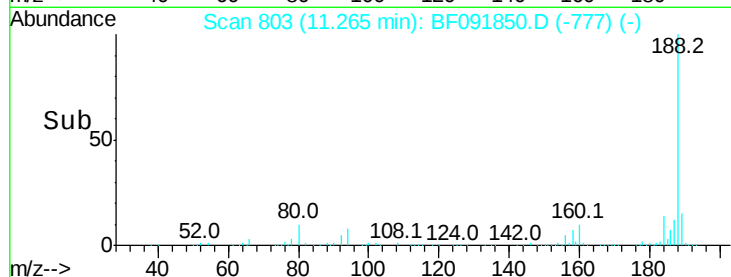
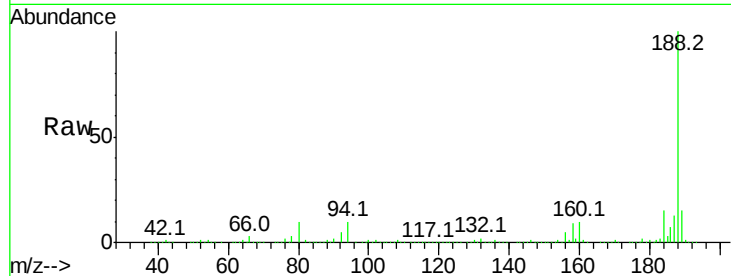
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.26 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 9.6   | 10.0 | 15.0# |       |
| 80      | 10.1  | 11.2 | 16.8# |       |

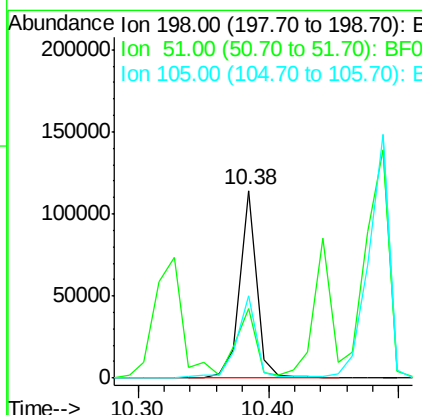
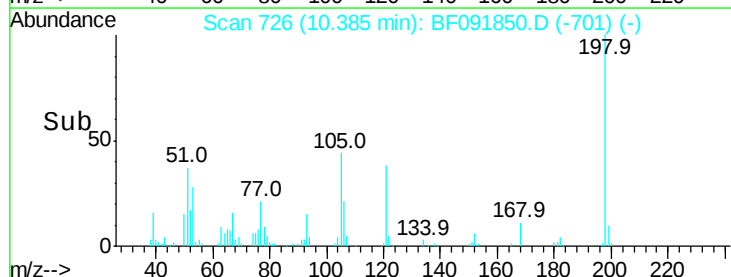
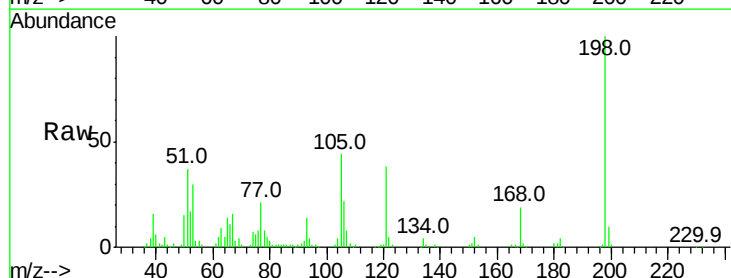
Manual Integrations  
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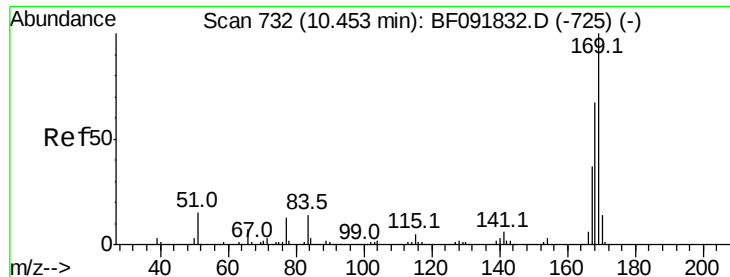
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.62 ng  
RT: 10.38 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 36.8  | 6.7  | 46.7  |       |
| 105     | 44.1  | 16.6 | 56.6  |       |





#65

n-Nitrosodiphenylamine

Concen: 19.69 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

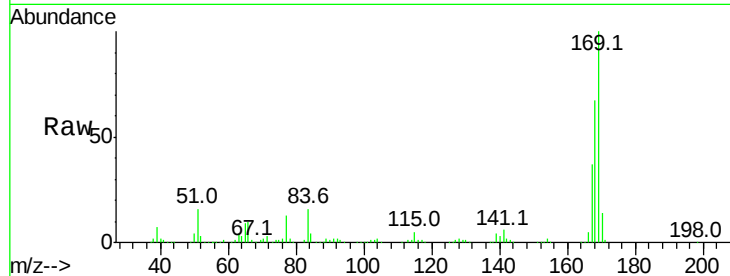
ClientSampleId :

LOQ-WATER-06-QT1-2017

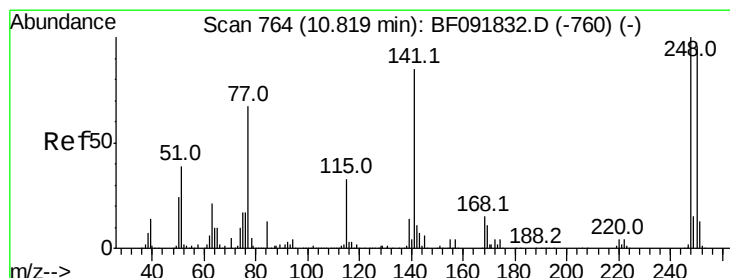
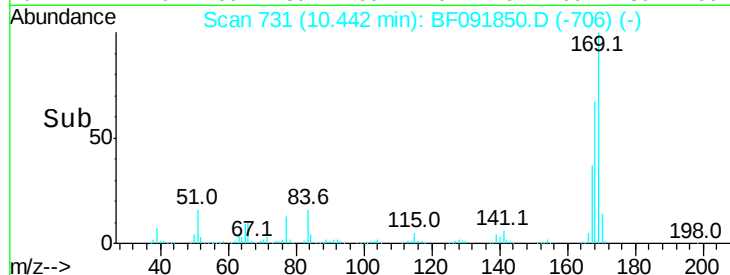
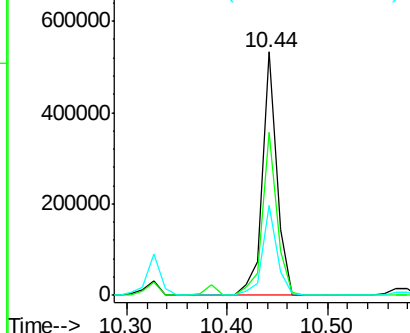
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 533848 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.1  | 54.2  | 81.2   |
| 167       | 36.9  | 30.2  | 45.4   |

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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 16.02 ng

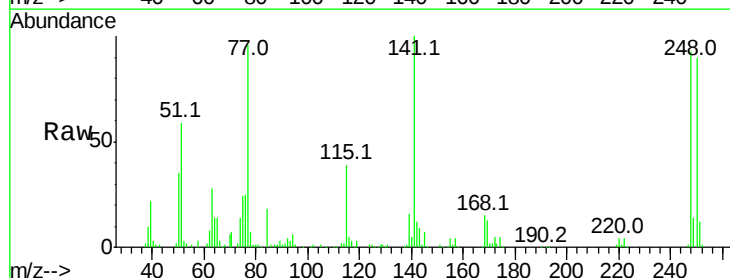
RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

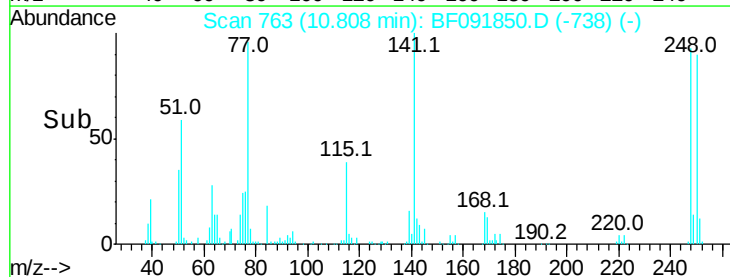
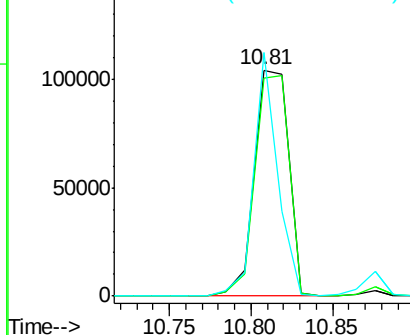
Lab File: BF091850.D

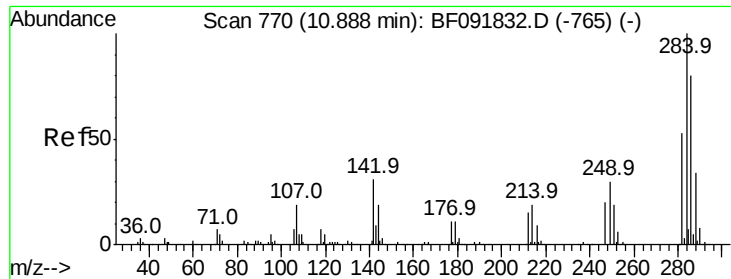
Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 152246 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.5  | 76.9  | 115.3  |
| 141       | 107.7 | 68.2  | 102.4# |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





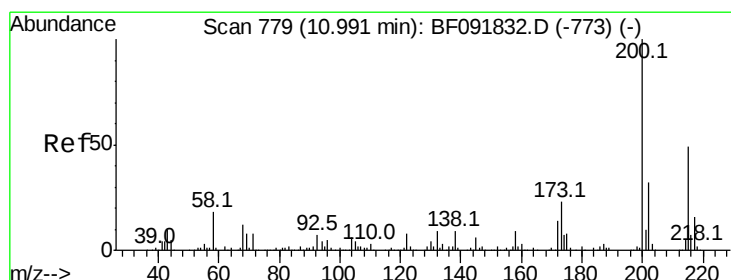
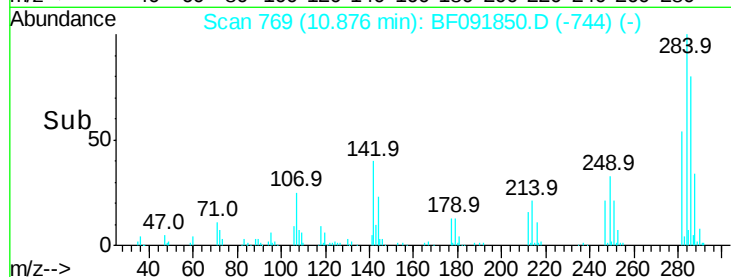
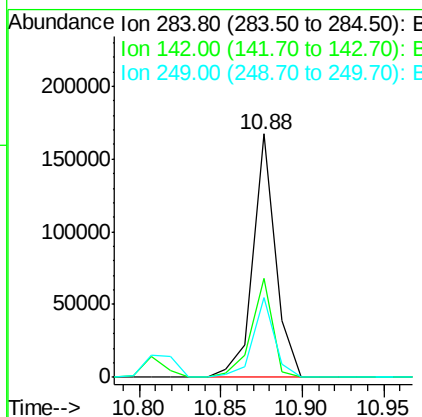
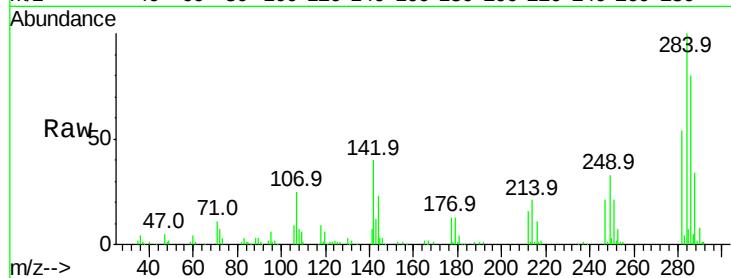
#67  
Hexachlorobenzene  
Concen: 15.88 ng  
RT: 10.88 min Scan# 769  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 161292 |       |       |
| 142     | 40.4  | 22.6   | 33.8# |       |
| 249     | 32.7  | 25.4   | 38.0  |       |

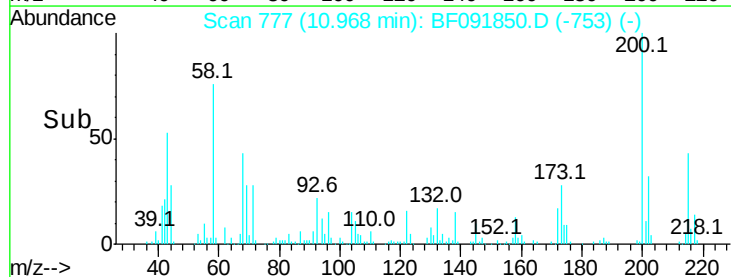
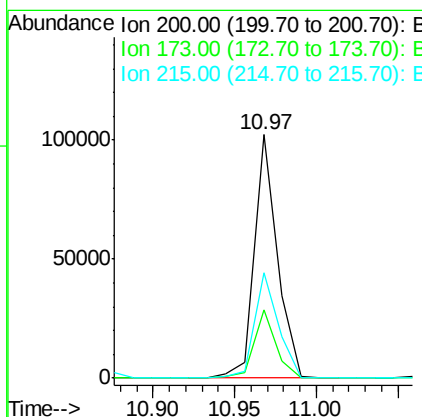
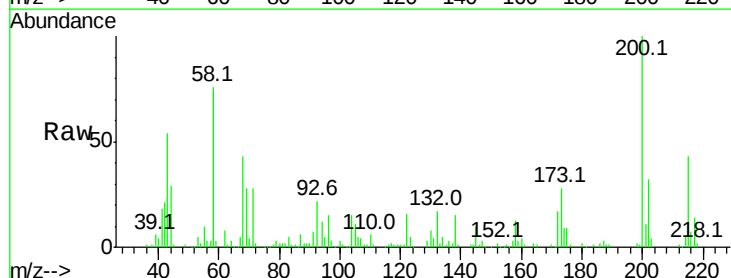
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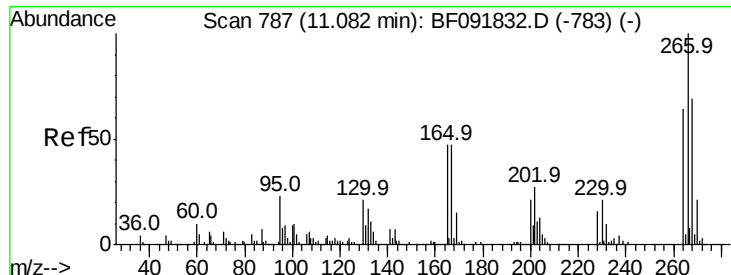
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#68  
Atrazine  
Concen: 11.43 ng  
RT: 10.97 min Scan# 777  
Delta R.T. -0.02 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 99991 |       |       |
| 173     | 28.2  | 9.6   | 49.6  |       |
| 215     | 43.4  | 25.7  | 65.7  |       |





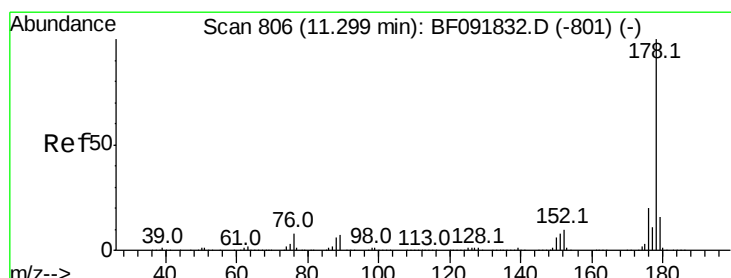
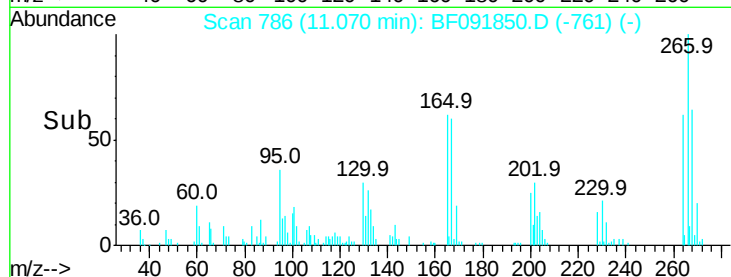
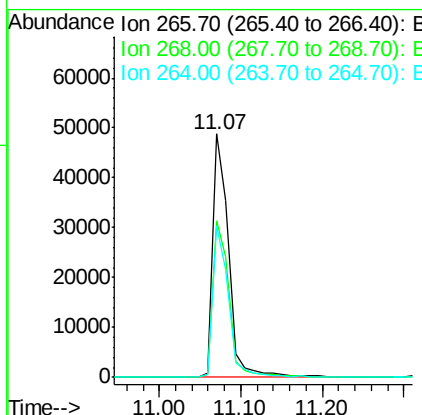
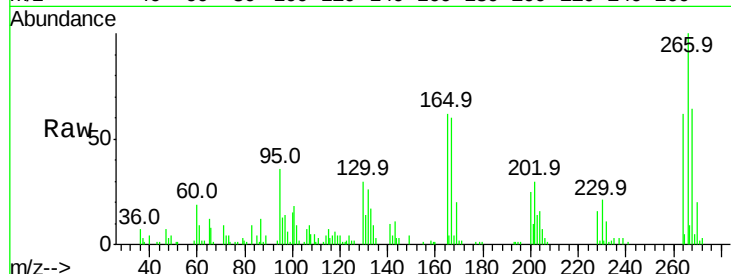
#69  
 Pentachlorophenol  
 Concen: 13.35 ng  
 RT: 11.07 min Scan# 786  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.5  | 53.3  | 79.9  |
| 264     | 62.2  | 50.3  | 75.5  |

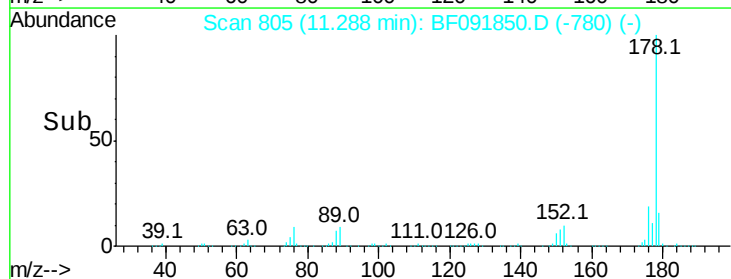
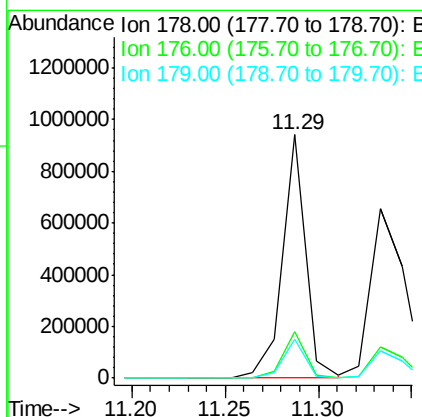
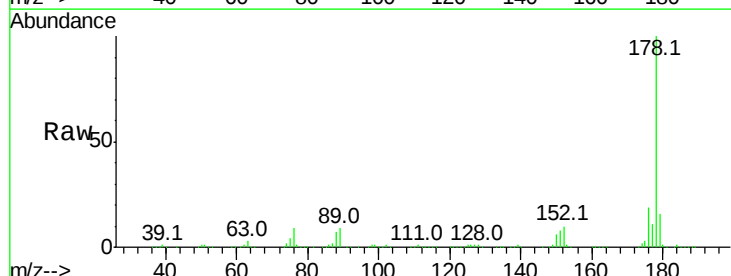
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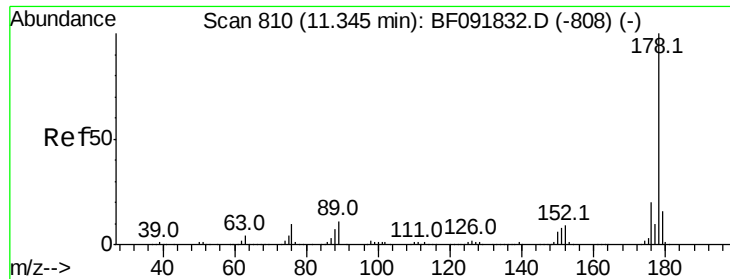
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#70  
 Phenanthrene  
 Concen: 16.53 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.6  | 25.0  |
| 179     | 15.7  | 12.8  | 19.2  |





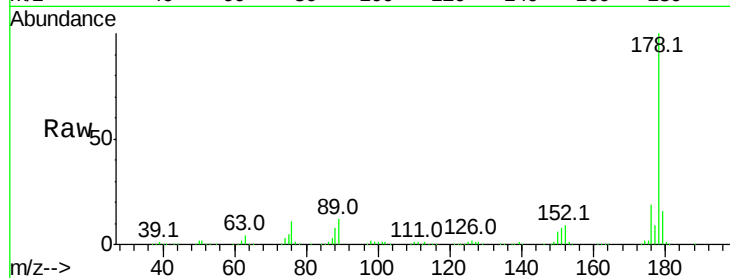
#71  
 Anthracene  
 Concen: 14.22 ng  
 RT: 11.33 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

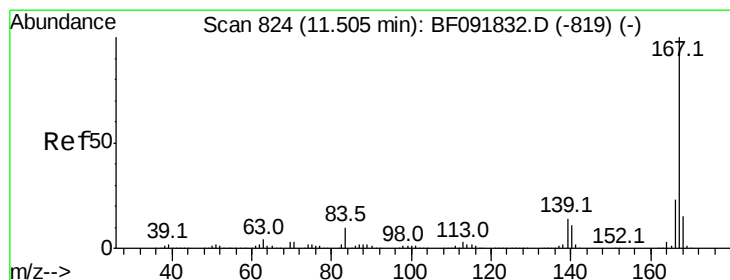
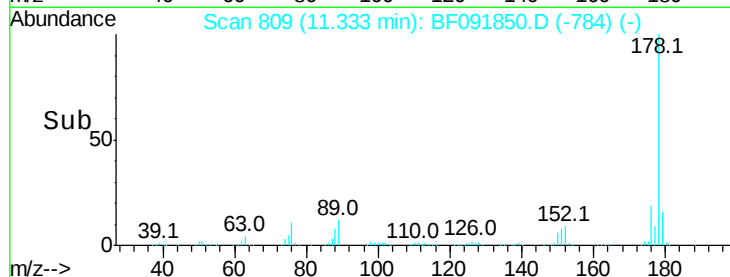
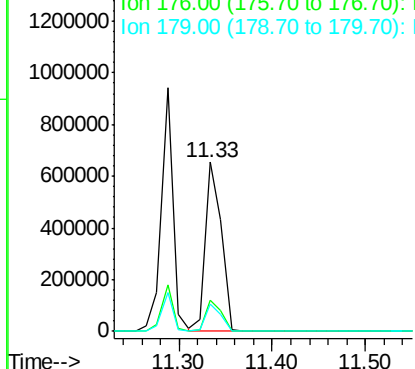
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.9  | 23.9  |
| 179     | 15.8  | 13.2  | 19.8  |

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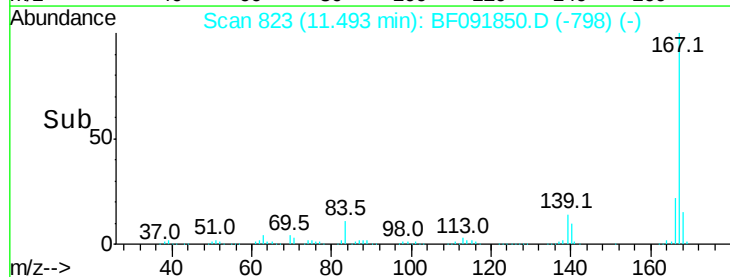
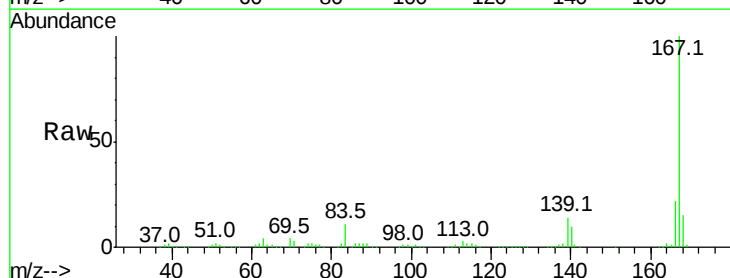
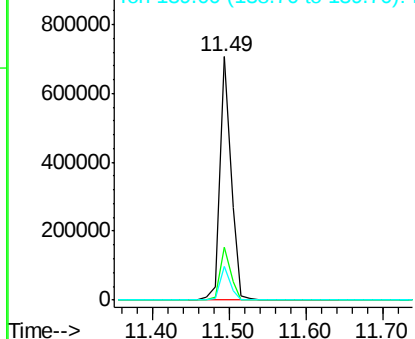
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

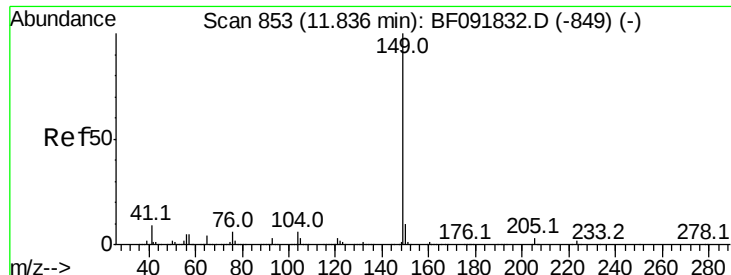


#72  
 Carbazole  
 Concen: 13.49 ng  
 RT: 11.49 min Scan# 823  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 18.2  | 27.2  |
| 139     | 14.1  | 11.4  | 17.2  |

Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 16.67 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

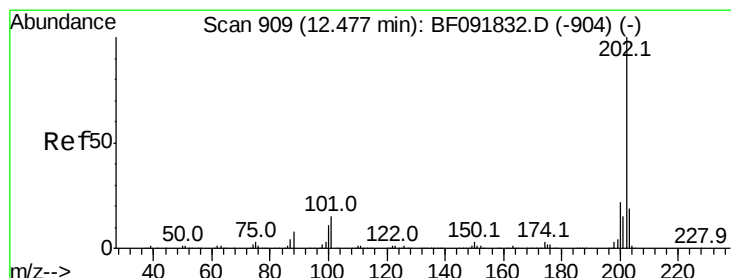
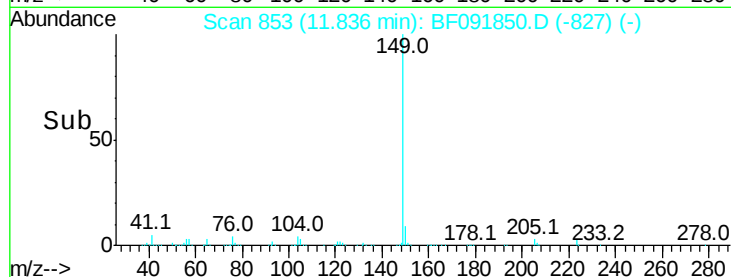
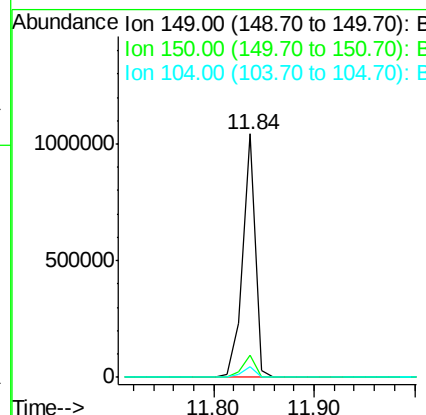
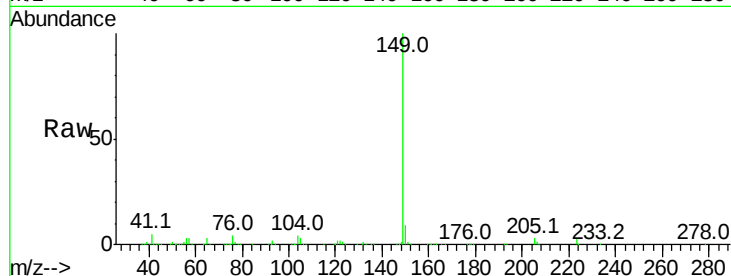
ClientSampleId :

LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 903909 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 8.1   | 12.1   |
| 104       | 4.3   | 4.6   | 7.0#   |

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#74

Fluoranthene

Concen: 16.89 ng

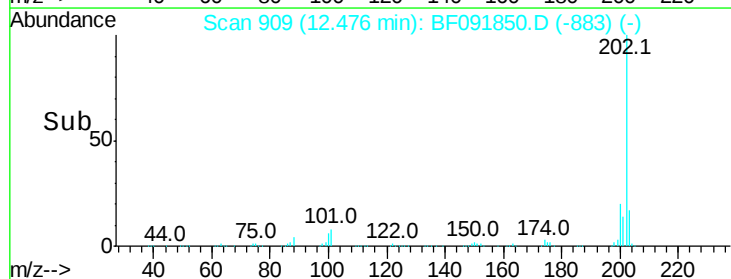
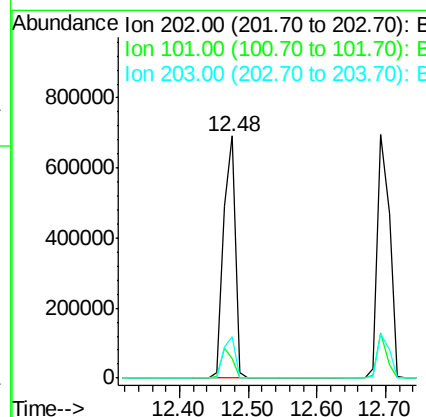
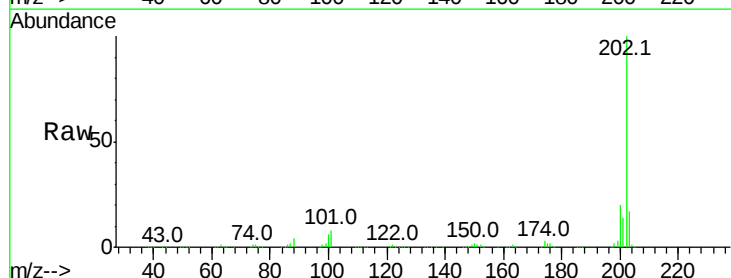
RT: 12.48 min Scan# 909

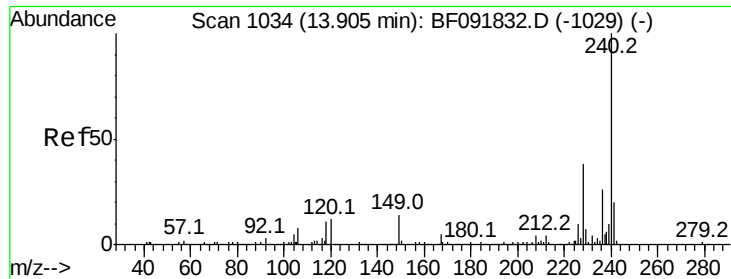
Delta R.T. 0.00 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 838079 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 8.1   | 0.0   | 34.6   |
| 203       | 16.9  | 0.0   | 38.7   |





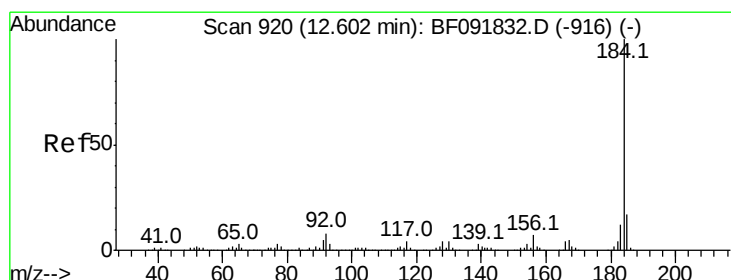
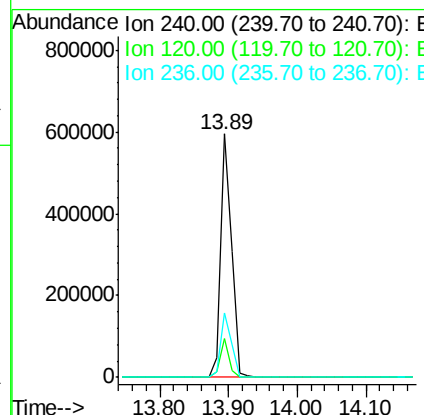
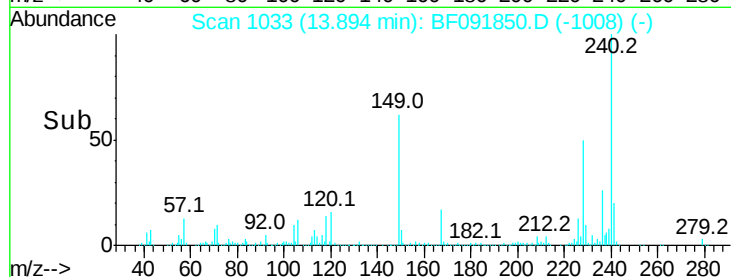
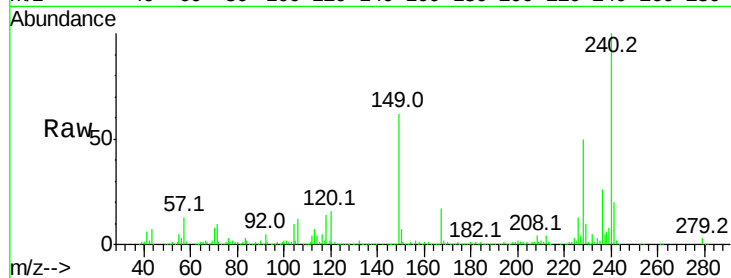
#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 16.2  | 12.9  | 19.3  |
| 236     | 26.3  | 20.9  | 31.3  |

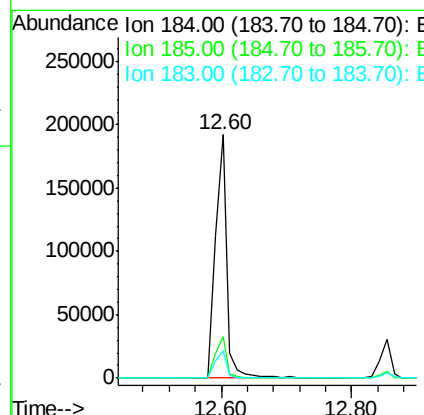
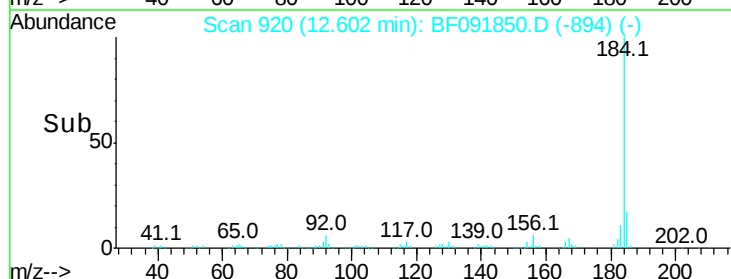
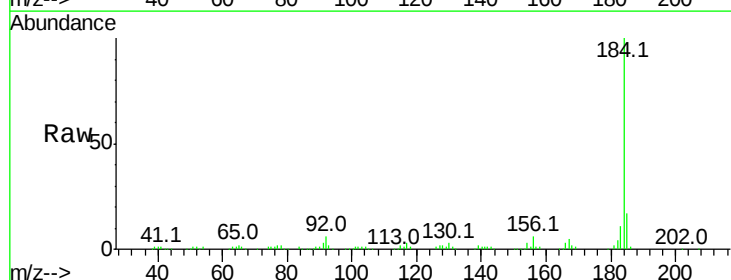
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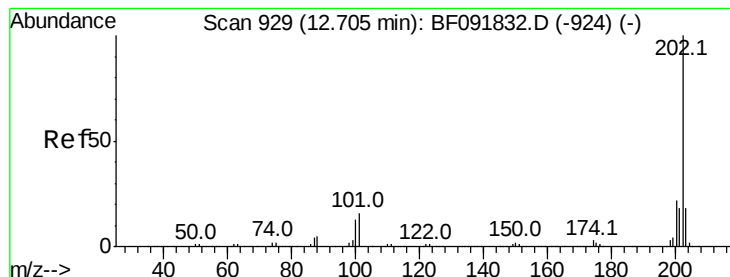
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#76  
 Benzidine  
 Concen: 10.50 ng  
 RT: 12.60 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 17.0  | 13.4  | 20.0  |
| 183     | 11.5  | 9.2   | 13.8  |





#77

Pvrene

Concen: 16.94 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

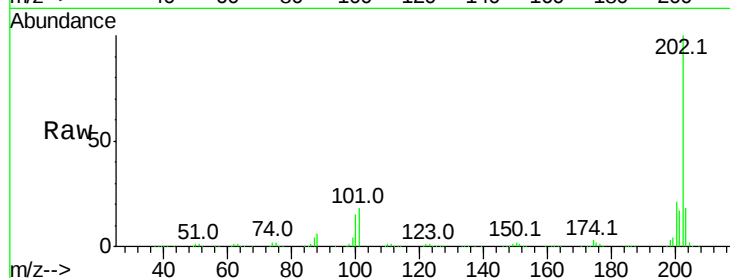
ClientSampleId :

LOQ-WATER-06-QT1-2017

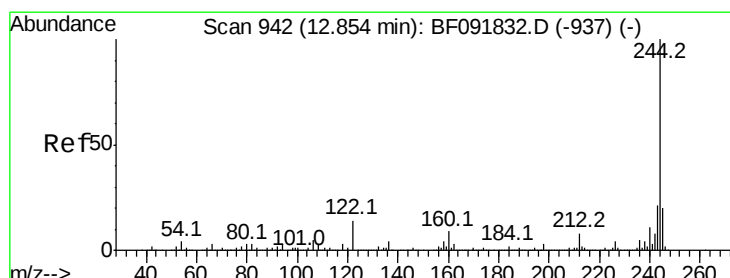
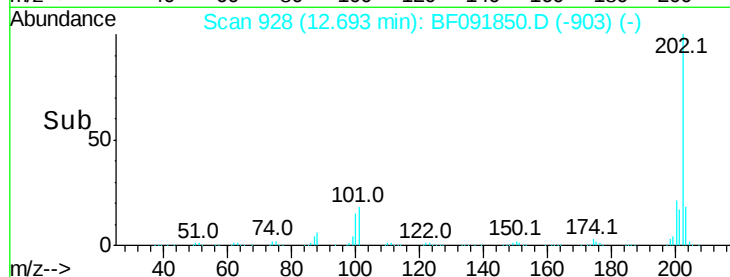
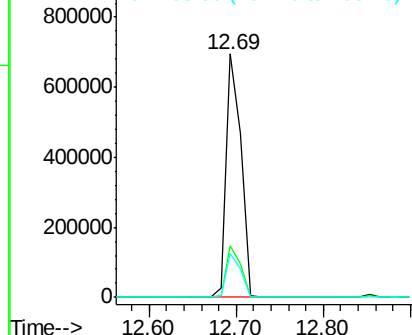
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 829003 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.9  | 17.7  | 26.5   |
| 203       | 17.9  | 14.7  | 22.1   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.76 ng

RT: 12.85 min Scan# 942

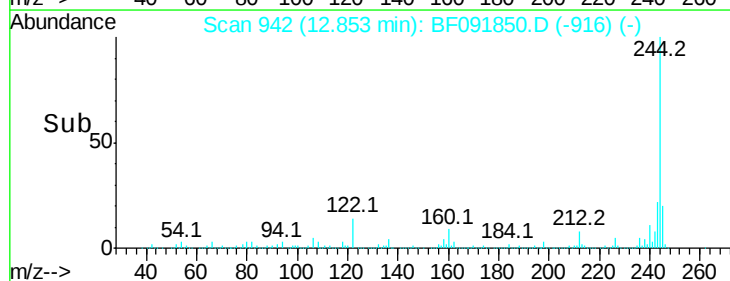
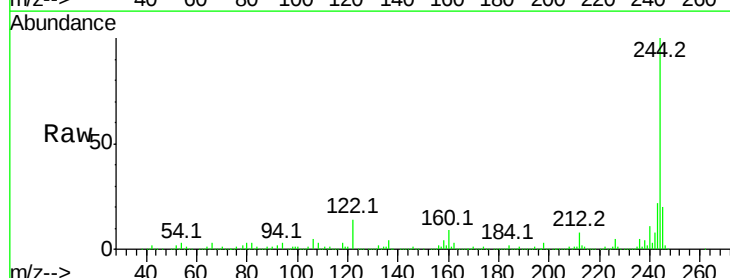
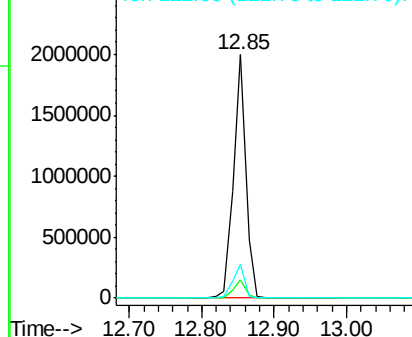
Delta R.T. -0.00 min

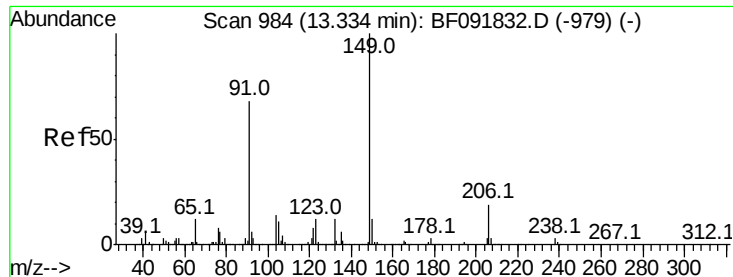
Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 2359032 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.6   | 6.2   | 9.2     |
| 122       | 13.9  | 11.4  | 17.2    |

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





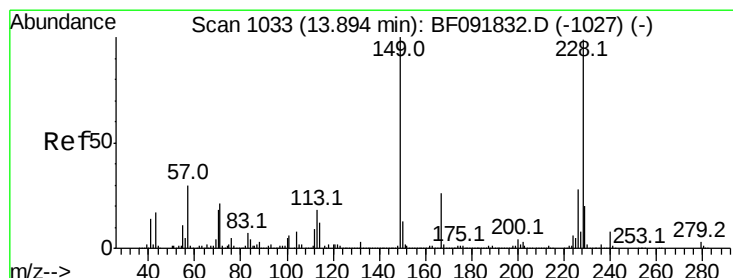
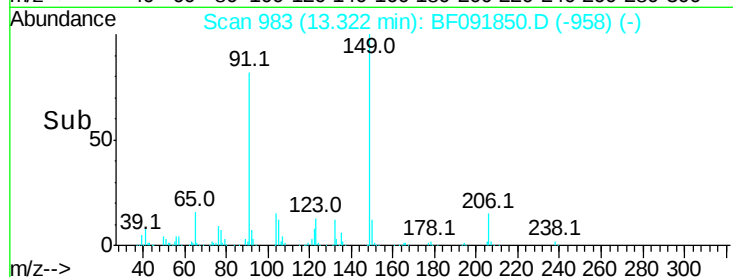
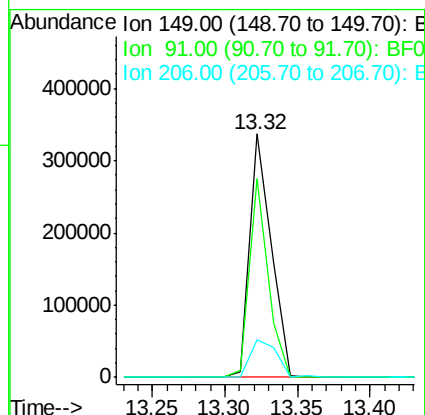
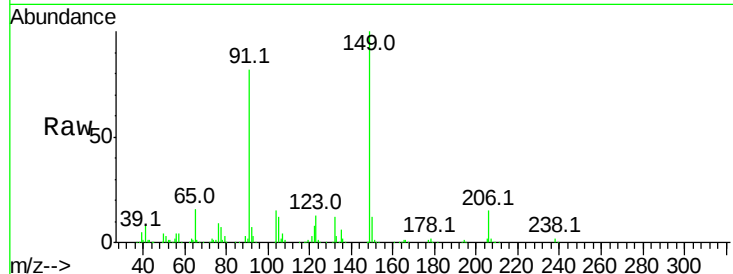
#79  
Butylbenzylphthalate  
Concen: 15.63 ng  
RT: 13.32 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 347871 |       |       |
| 91      | 81.6  | 63.9   | 95.9  |       |
| 206     | 15.4  | 14.6   | 21.8  |       |

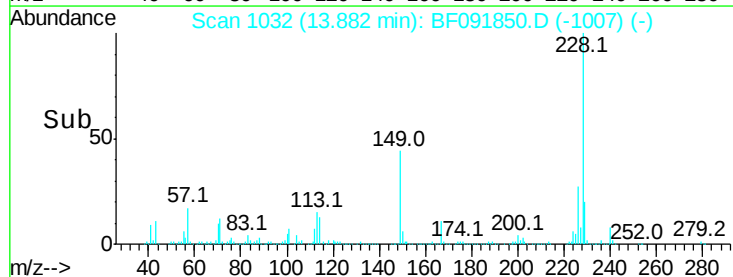
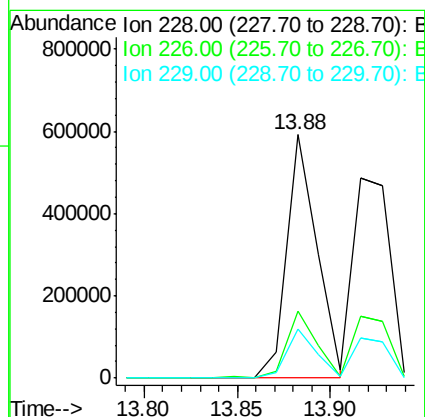
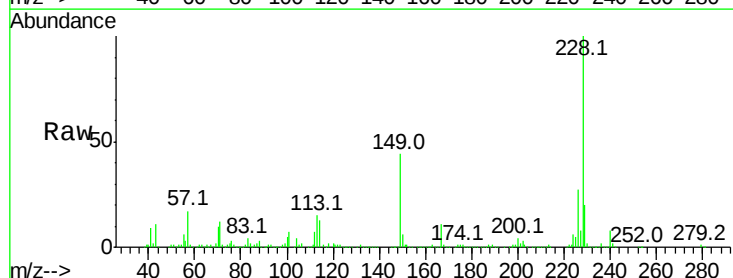
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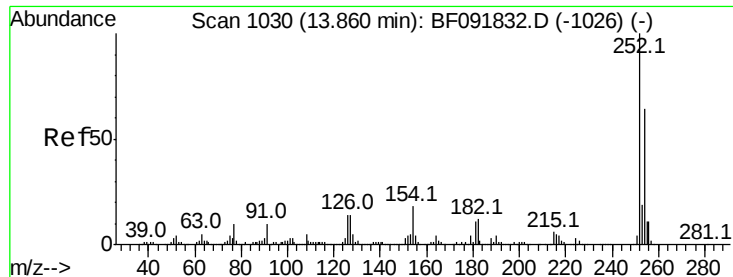
sohil  
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#80  
Benzo(a)anthracene  
Concen: 17.75 ng  
RT: 13.88 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 668600 |       |       |
| 226     | 27.4  | 22.4   | 33.6  |       |
| 229     | 20.4  | 16.2   | 24.4  |       |





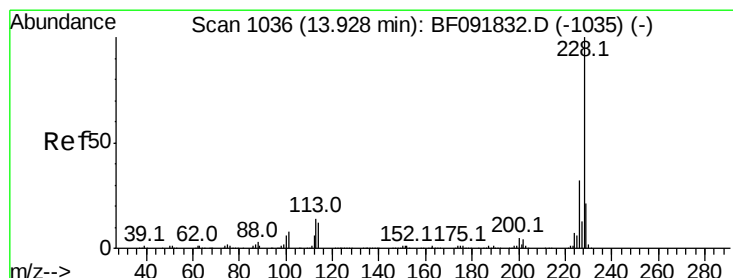
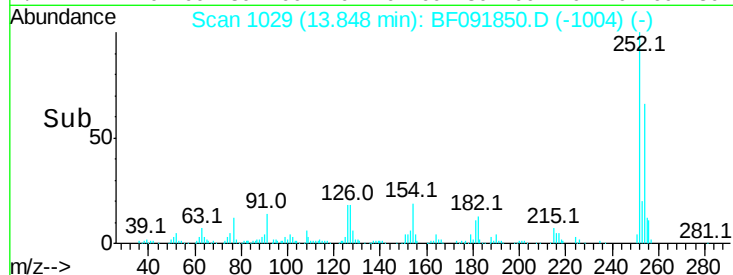
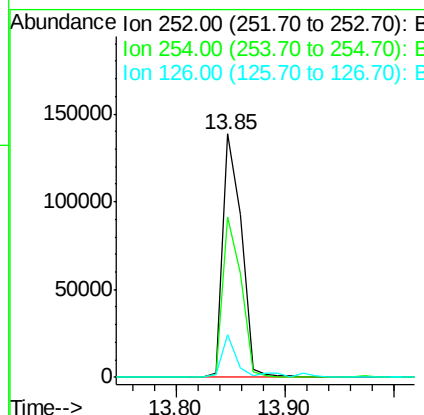
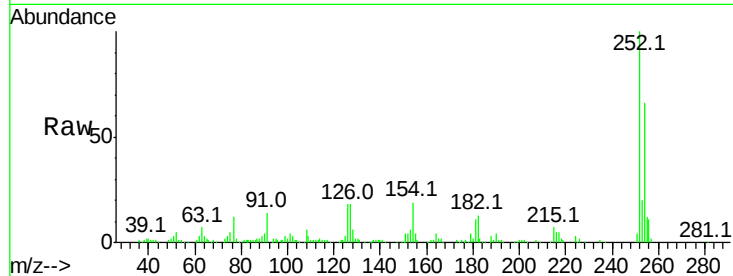
#81  
 3,3'-Dichlorobenzidine  
 Concen: 11.71 ng  
 RT: 13.85 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 167178 |       |       |
| 254     | 66.0  | 52.3   | 78.5  |       |
| 126     | 17.7  | 13.6   | 20.4  |       |

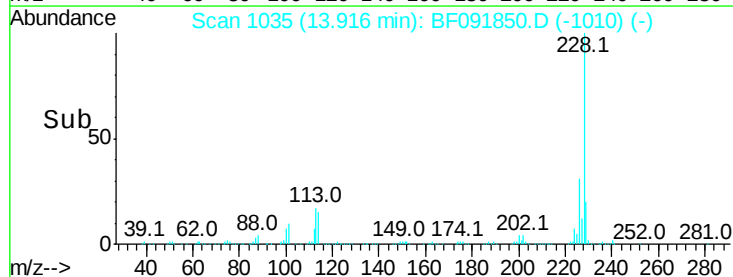
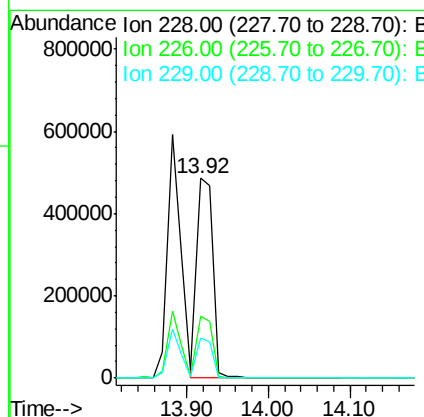
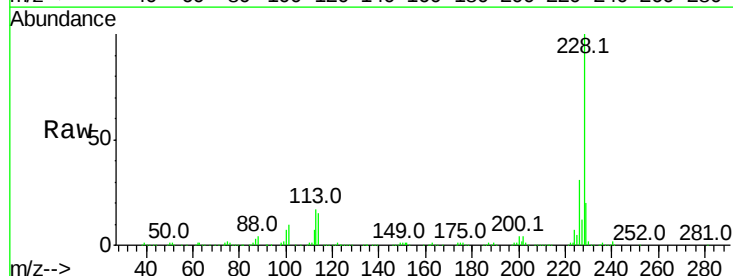
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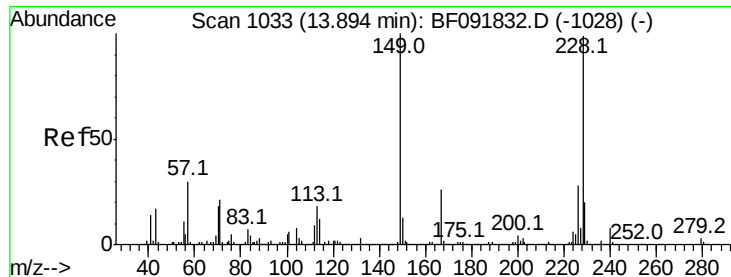
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#82  
 Chrysene  
 Concen: 17.78 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 671599 |       |       |
| 226     | 30.7  | 25.4   | 38.0  |       |
| 229     | 20.2  | 16.2   | 24.2  |       |





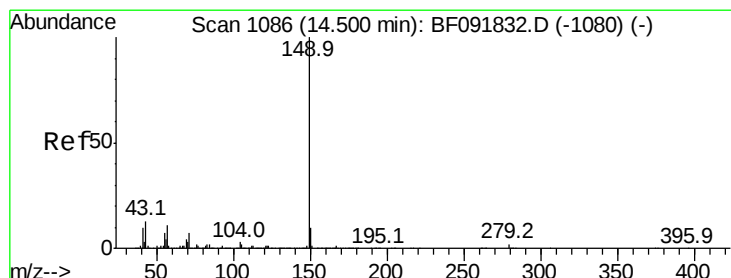
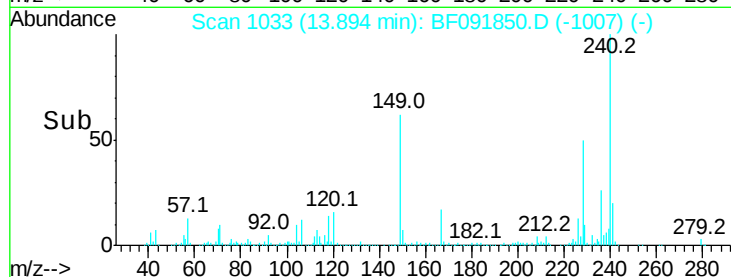
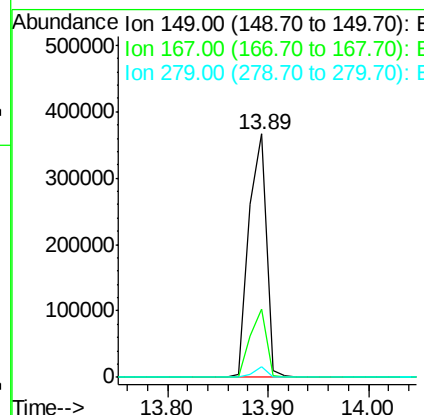
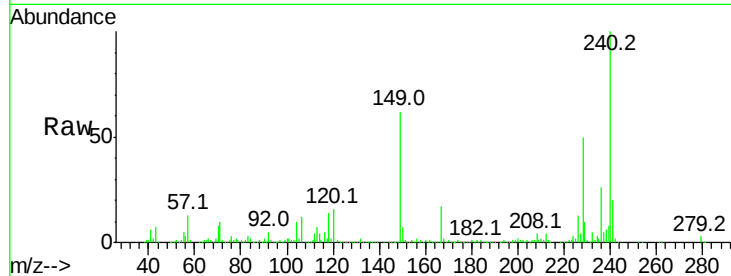
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 16.95 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 444310 |       |       |
| 167     | 28.0  |        | 20.2  | 30.4  |
| 279     | 4.2   |        | 1.8   | 2.8#  |

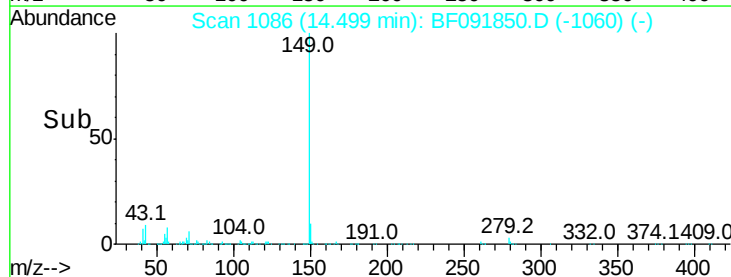
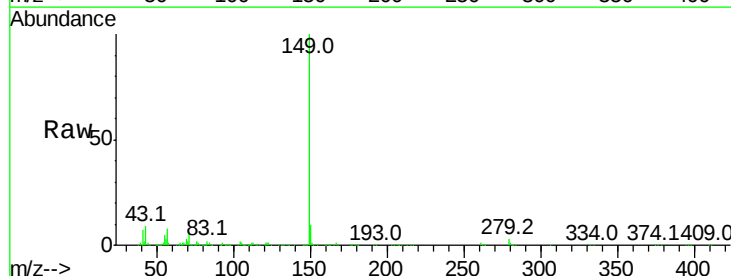
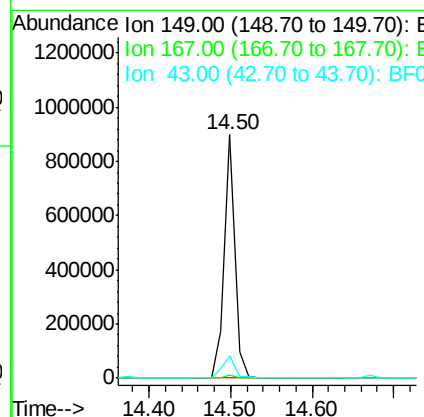
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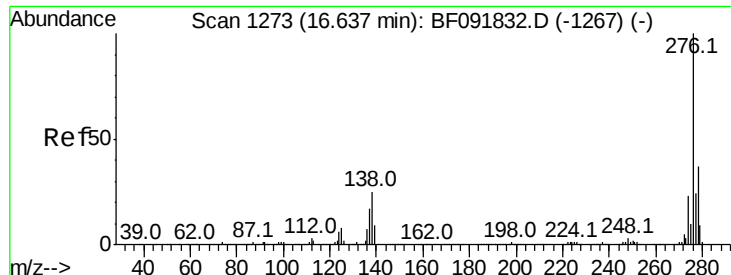
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#84  
 Di-n-octyl phthalate  
 Concen: 16.68 ng  
 RT: 14.50 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 810122 |       |       |
| 167     | 1.4   |        | 1.3   | 1.9   |
| 43      | 10.8  |        | 8.9   | 13.3  |





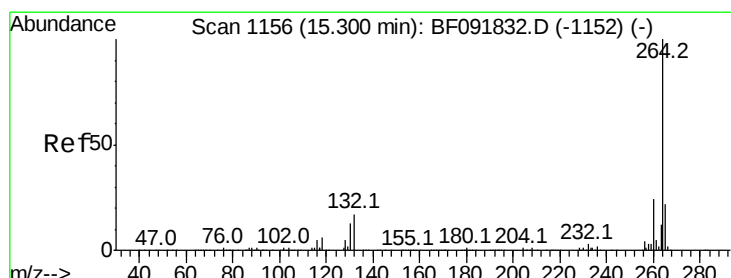
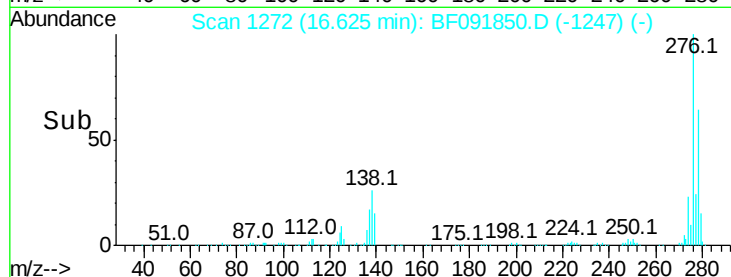
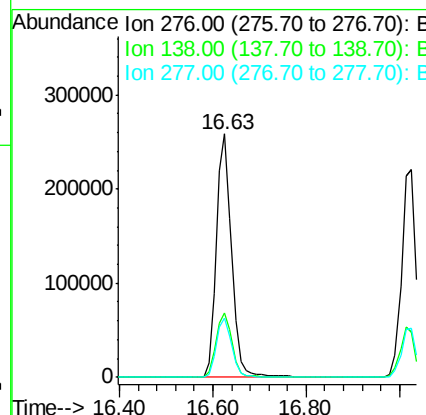
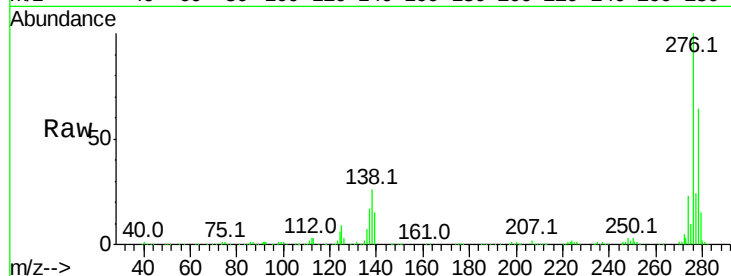
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 18.02 ng  
RT: 16.63 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.1  | 21.8  | 32.6  |
| 277     | 24.8  | 20.2  | 30.4  |

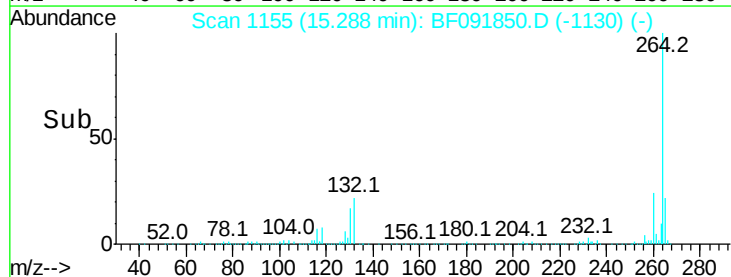
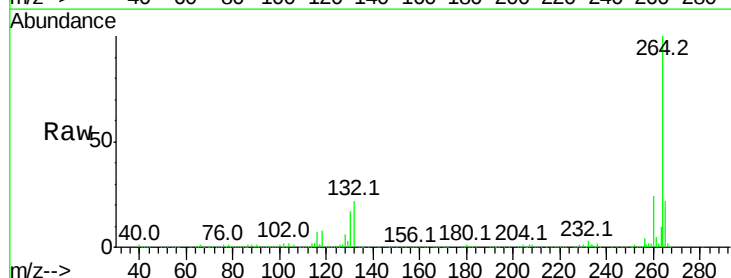
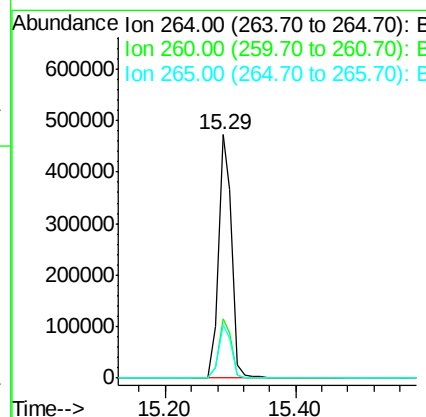
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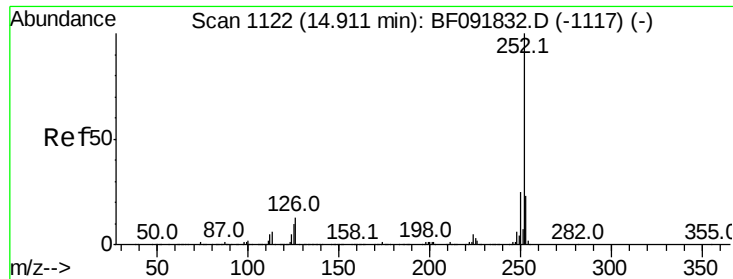
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.29 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.2  | 28.8  |
| 265     | 21.8  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 15.94 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

Instrument :

BNA\_F

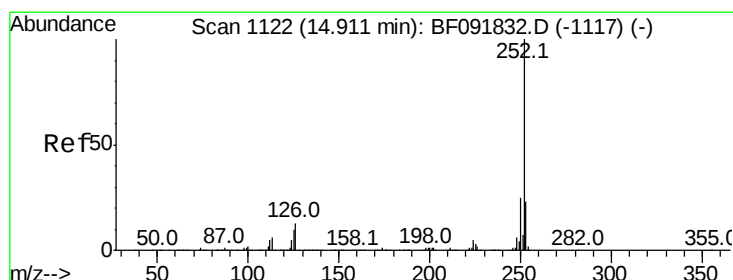
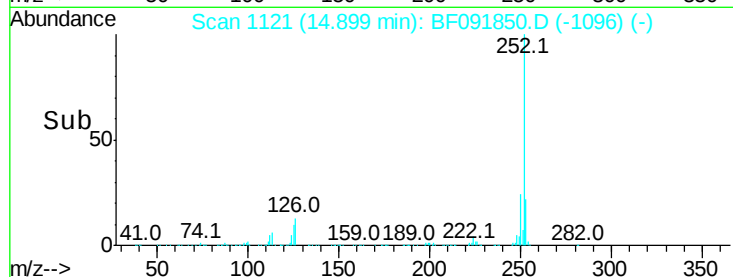
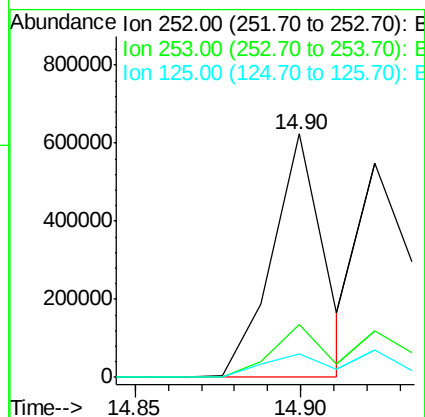
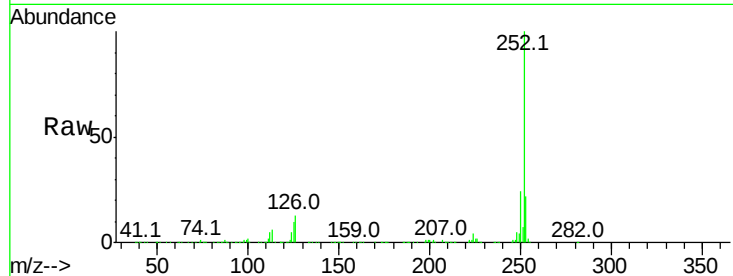
ClientSampleId :

LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.2  | 27.4  |
| 125     | 9.7   | 9.8   | 14.6# |

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#88

Benzo(k)fluoranthene

Concen: 16.73 ng m

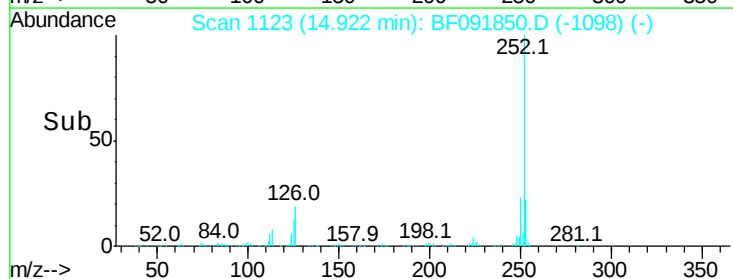
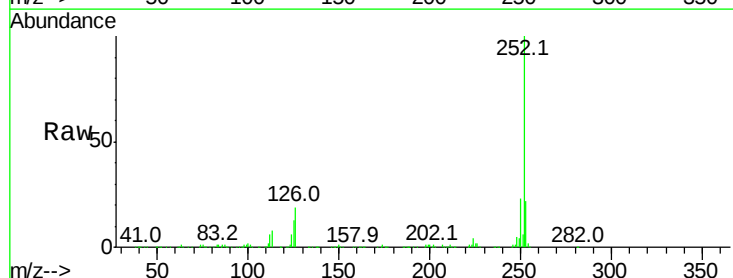
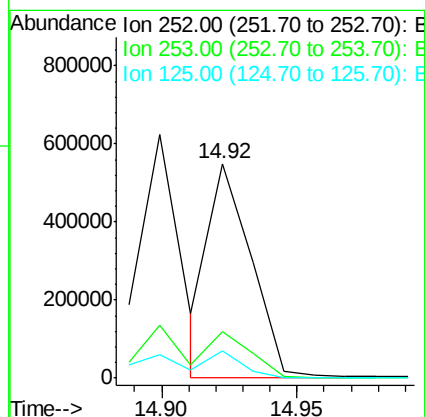
RT: 14.92 min Scan# 1123

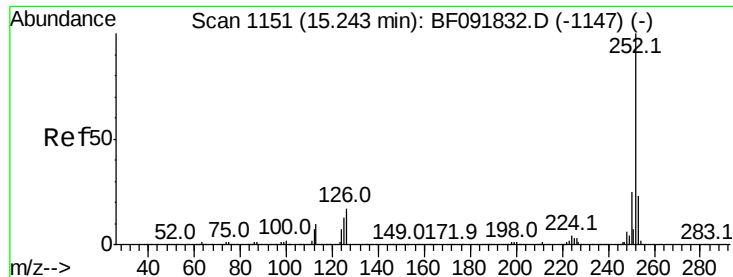
Delta R.T. -0.01 min

Lab File: BF091850.D

Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.5  | 27.7  |
| 125     | 12.6  | 8.9   | 13.3  |





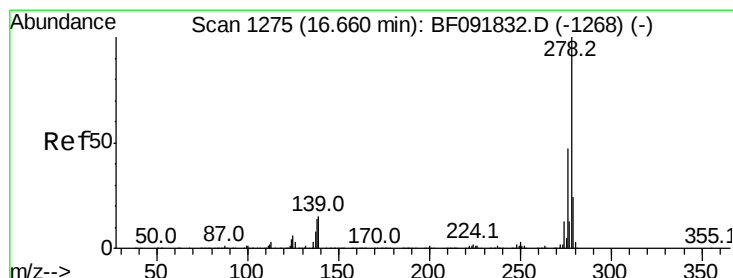
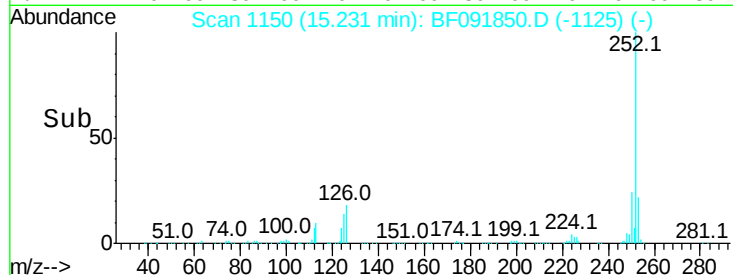
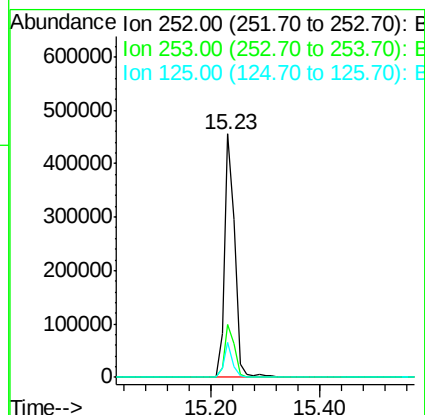
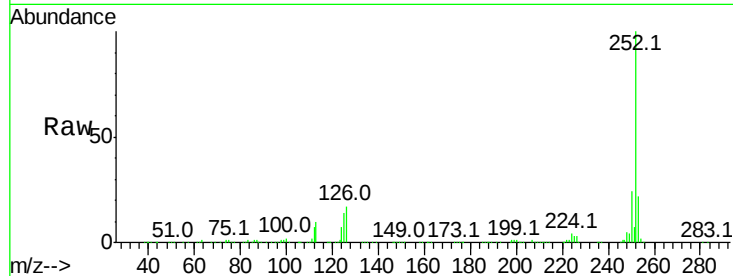
#89  
Benzo(a)pyrene  
Concen: 16.12 ng  
RT: 15.23 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-06-QT1-2017

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.2  | 27.2  |
| 125     | 14.1  | 10.0  | 15.0  |

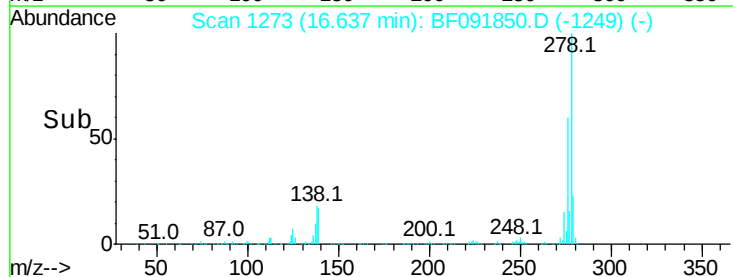
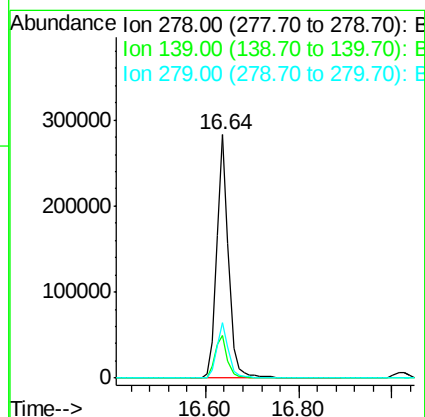
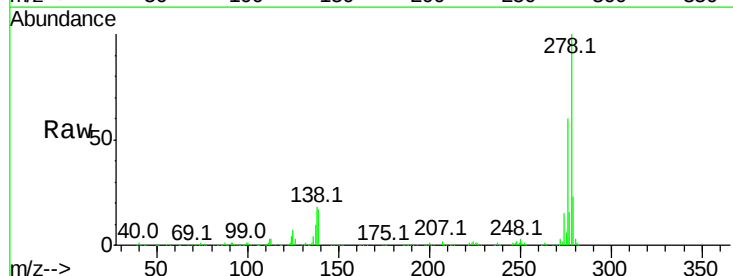
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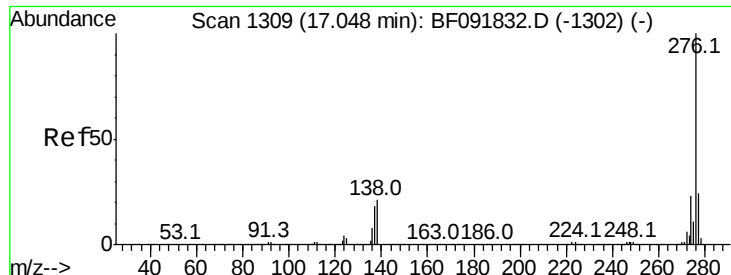
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#90  
Dibenzo(a,h)anthracene  
Concen: 16.22 ng  
RT: 16.64 min Scan# 1273  
Delta R.T. -0.02 min  
Lab File: BF091850.D  
Acq: 21 Dec 2016 22:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.4  | 14.8  | 22.2  |
| 279     | 22.9  | 19.8  | 29.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 15.63 ng  
 RT: 17.03 min Scan# 1307  
 Delta R.T. -0.02 min  
 Lab File: BF091850.D  
 Acq: 21 Dec 2016 22:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-06-QT1-2017

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 500727 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 19.2  | 28.8   |
| 138       | 21.7  | 16.0  | 24.0   |

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