

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\  
 Data File : BF090388.D  
 Acq On : 5 Oct 2016 19:12  
 Operator : UM/SJ  
 Sample : H4818-06  
 Misc : LOO 20PPM  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

Manual Integrations  
 APPROVED

SOHIL  
 10/6/2016 5:28:38 PM

Quant Time: Oct 06 01:40:12 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.00  | 152  | 221456   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.29  | 136  | 977236   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.05 | 164  | 479660   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.54 | 188  | 738907   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.19 | 240  | 610808   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.70 | 264  | 419566   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 1717959 | 115.78 | ng | 0.01  |
| 7) Phenol-d6             | 6.62  | 99  | 2389578 | 122.96 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.56  | 82  | 1811291 | 90.16  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.85 | 330 | 545189  | 139.78 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.38  | 172 | 2908997 | 101.05 | ng | 0.00  |
| 78) Terphenyl-d14        | 13.14 | 244 | 2573343 | 94.72  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.82 | 88  | 145483  | 19.89 | ng | 94     |
| 3) Pyridine                    | 3.58 | 79  | 415649m | 20.38 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.50 | 42  | 168044  | 19.97 | ng | # 69   |
| 6) Aniline                     | 6.66 | 93  | 444027  | 16.54 | ng | 98     |
| 8) 2-Chlorophenol              | 6.78 | 128 | 317102  | 19.42 | ng | 86     |
| 9) Benzaldehyde                | 6.54 | 77  | 192897  | 19.64 | ng | 88     |
| 10) Phenol                     | 6.63 | 94  | 377320  | 16.70 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 349714  | 20.21 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 342895m | 21.07 | ng |        |
| 13) 1,4-Dichlorobenzene        | 7.02 | 146 | 329409  | 19.92 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.17 | 146 | 308255  | 19.35 | ng | 95     |
| 15) Benzyl Alcohol             | 7.14 | 79  | 331069  | 22.41 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.27 | 45  | 605631  | 20.64 | ng | 97     |
| 17) 2-Methylphenol             | 7.25 | 107 | 271900  | 20.25 | ng | 97     |
| 18) Hexachloroethane           | 7.51 | 117 | 124942  | 19.17 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 302045  | 21.20 | ng | # 85   |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 366482  | 21.08 | ng | # 86   |
| 22) Acetophenone               | 7.41 | 105 | 472392  | 20.41 | ng | # 87   |
| 24) Nitrobenzene               | 7.58 | 77  | 437371  | 21.93 | ng | 99     |
| 25) Isophorone                 | 7.82 | 82  | 742692  | 20.22 | ng | 99     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 168283  | 19.60 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 7.94 | 122 | 335027  | 20.07 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.03 | 93  | 408377  | 18.80 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 245862  | 19.37 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.23 | 180 | 245888  | 18.80 | ng | 95     |
| 31) Naphthalene                | 8.31 | 128 | 970364  | 20.58 | ng | 97     |
| 32) Benzoic acid               | 8.02 | 122 | 218582  | 18.83 | ng | 91     |
| 33) 4-Chloroaniline            | 8.36 | 127 | 283145  | 14.53 | ng | # 90   |
| 34) Hexachlorobutadiene        | 8.43 | 225 | 124197  | 16.99 | ng | 99     |
| 35) Caprolactam                | 8.70 | 113 | 76032   | 17.82 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.83 | 107 | 284958  | 17.93 | ng | 91     |
| 37) 2-Methylnaphthalene        | 9.00 | 142 | 556112  | 19.49 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.17 | 216 | 235861  | 18.65 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.16 | 237 | 118895  | 17.15 | ng | 98     |

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 BNA\_F  
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 LOQ-WATER2016-06-QT4

Manual Integrations  
 APPROVED

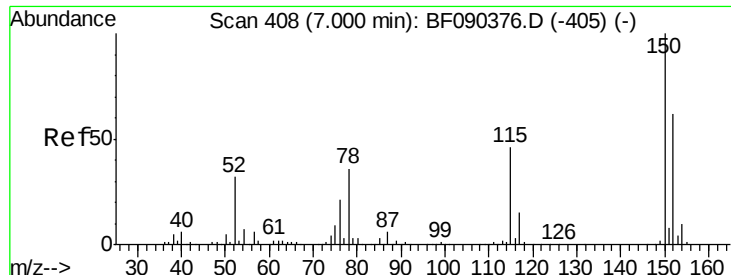
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 10/6/2016 5:28:38 PM

Quant Time: Oct 06 01:40:12 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.29  | 196  | 161681   | 18.53 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 169552   | 20.55 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.47  | 154  | 714996   | 20.12 | nq    | 93       |
| 46) 2-Chloronaphthalene        | 9.49  | 162  | 517681   | 19.71 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.58  | 65   | 214668   | 20.72 | nq    | # 85     |
| 48) Acenaphthylene             | 9.91  | 152  | 911605   | 21.04 | nq    | 97       |
| 49) Dimethylphthalate          | 9.77  | 163  | 607635   | 19.78 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.82  | 165  | 120432   | 17.66 | nq    | # 80     |
| 51) Acenaphthene               | 10.09 | 154  | 562086   | 20.80 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.99  | 138  | 143120   | 17.96 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 53970    | 17.75 | nq    | # 43     |
| 54) Dibenzofuran               | 10.26 | 168  | 712758   | 20.38 | nq    | 95       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 134830   | 19.34 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.22 | 165  | 168133   | 18.52 | nq    | # 1      |
| 57) Fluorene                   | 10.60 | 166  | 603711   | 20.54 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 116978   | 18.98 | nq    | # 75     |
| 59) Diethylphthalate           | 10.47 | 149  | 668131   | 21.02 | nq    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 10.59 | 204  | 253693   | 18.98 | nq    | # 81     |
| 61) 4-Nitroaniline             | 10.60 | 138  | 154773   | 19.28 | nq    | 94       |
| 62) Azobenzene                 | 10.75 | 77   | 685083   | 18.66 | nq    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198  | 71518    | 18.15 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 10.71 | 169  | 503424   | 20.33 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.08 | 248  | 134658   | 18.59 | nq    | # 67     |
| 67) Hexachlorobenzene          | 11.15 | 284  | 153428   | 19.02 | nq    | # 68     |
| 68) Atrazine                   | 11.23 | 200  | 107978   | 17.69 | nq    | 95       |
| 69) Pentachlorophenol          | 11.34 | 266  | 100773   | 20.99 | nq    | 98       |
| 70) Phenanthrene               | 11.57 | 178  | 782726   | 20.69 | nq    | 95       |
| 71) Anthracene                 | 11.62 | 178  | 832307   | 21.54 | nq    | 97       |
| 72) Carbazole                  | 11.77 | 167  | 744176   | 20.73 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.11 | 149  | 969902   | 22.20 | nq    | # 95     |
| 74) Fluoranthene               | 12.76 | 202  | 789708   | 21.28 | nq    | 94       |
| 76) Benzidine                  | 12.87 | 184  | 240385   | 14.97 | nq    | 98       |
| 77) Pyrene                     | 12.99 | 202  | 830895   | 20.40 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.61 | 149  | 397832   | 19.04 | nq    | # 73     |
| 80) Benzo(a)anthracene         | 14.18 | 228  | 691217   | 20.17 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.14 | 252  | 195520   | 15.74 | nq    | # 97     |
| 82) Chrysene                   | 14.21 | 228  | 601214   | 19.06 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.17 | 149  | 590348   | 19.87 | nq    | # 92     |
| 84) Di-n-octyl phthalate       | 14.80 | 149  | 916374   | 20.81 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.21 | 276  | 410816   | 18.27 | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 516630   | 19.33 | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 513290m  | 20.45 | nq    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 452079   | 19.63 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.23 | 278  | 343069   | 17.51 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.66 | 276  | 322962   | 17.17 | nq    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

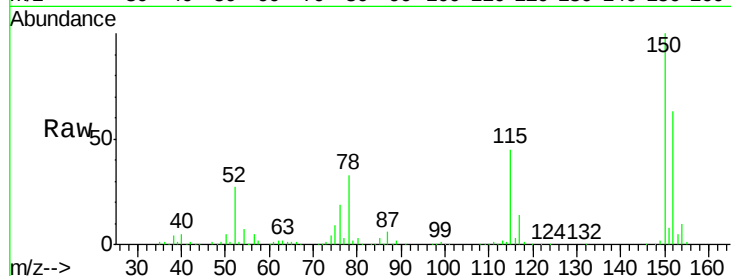
ClientSampleId :

LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.3 | 124.6 | 186.8 |
| 115     | 71.2  | 46.2  | 69.4  |

Manual Integrations  
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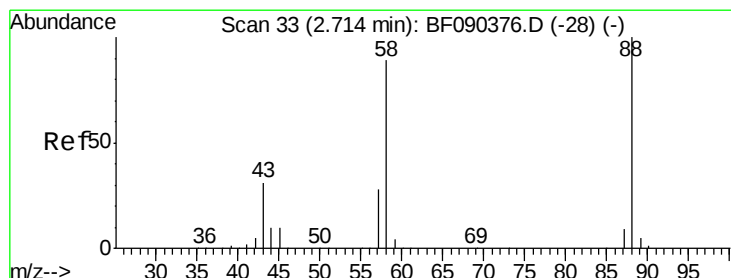
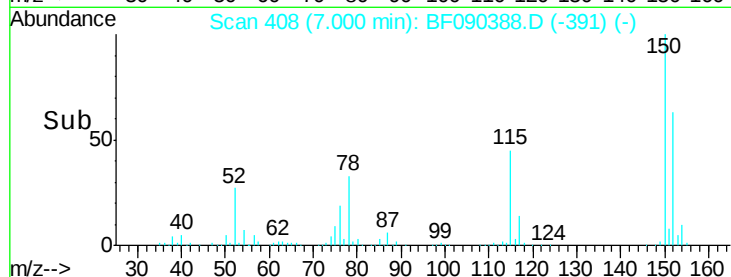
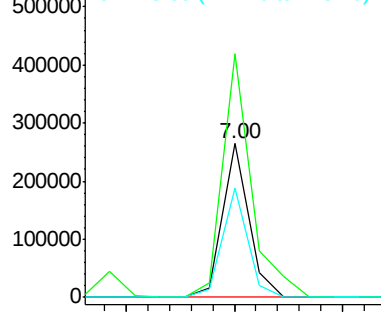


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.89 ng

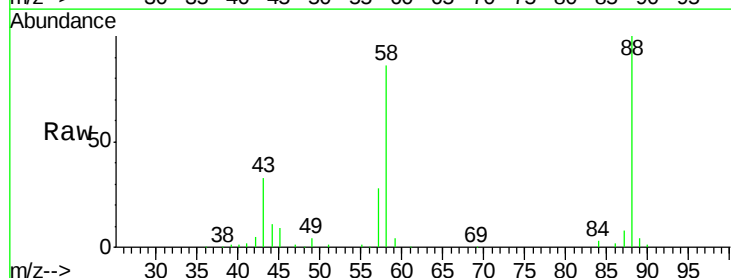
RT: 2.82 min Scan# 42

Delta R.T. 0.10 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.7  | 71.2  | 106.8 |
| 43      | 31.2  | 29.8  | 44.6  |

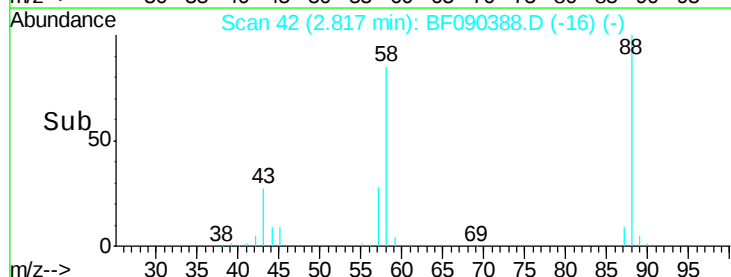
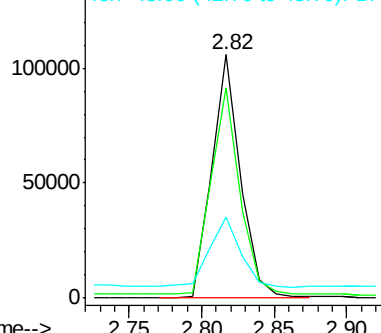


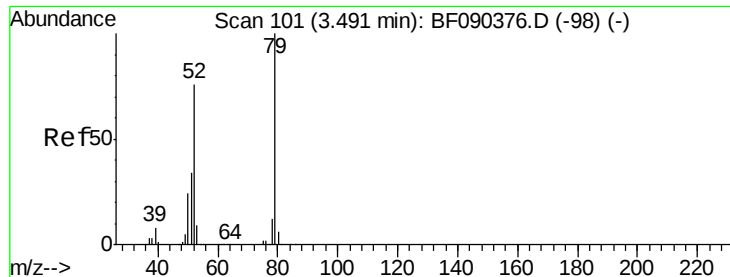
Abundance

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: 20.38 ng/ml

RT: 3.58 min Scan# 109

Delta R.T. 0.09 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

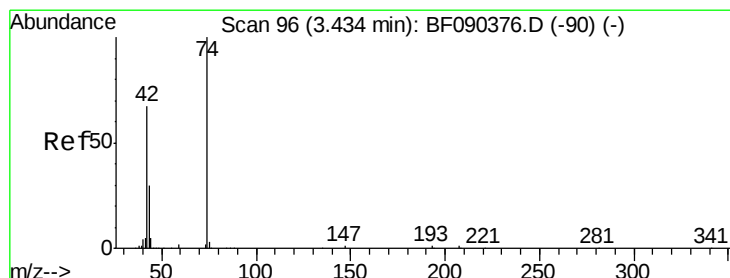
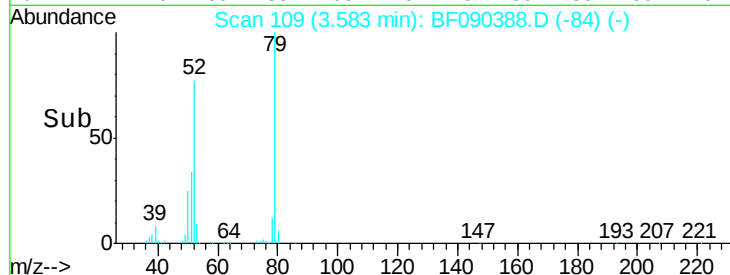
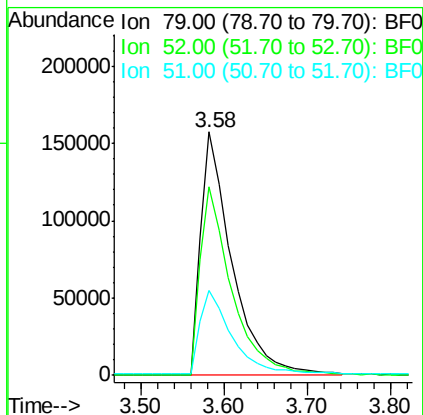
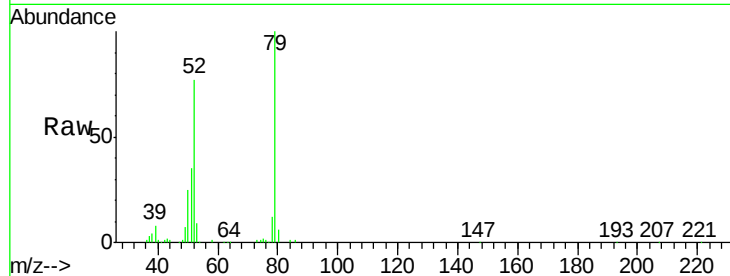
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 415649 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 77.3  | 71.3  | 106.9  |
| 51        | 34.9  | 34.5  | 51.7   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 19.97 ng/ml

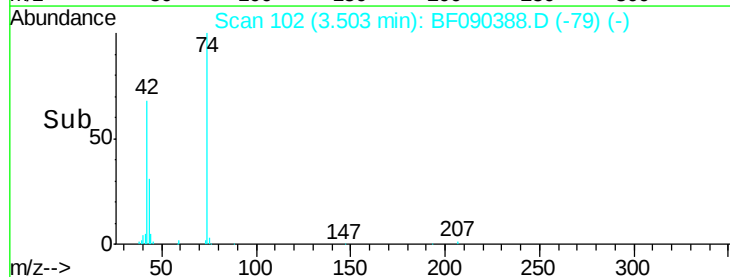
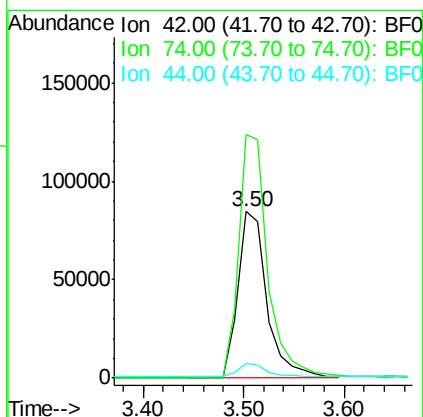
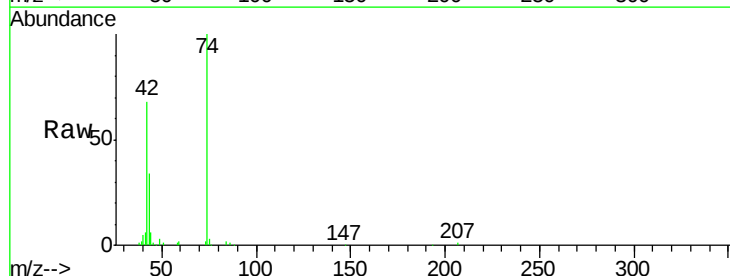
RT: 3.50 min Scan# 102

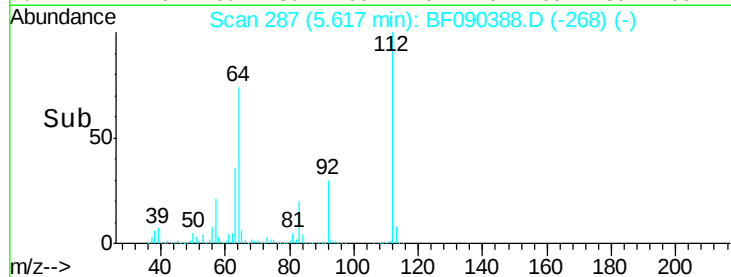
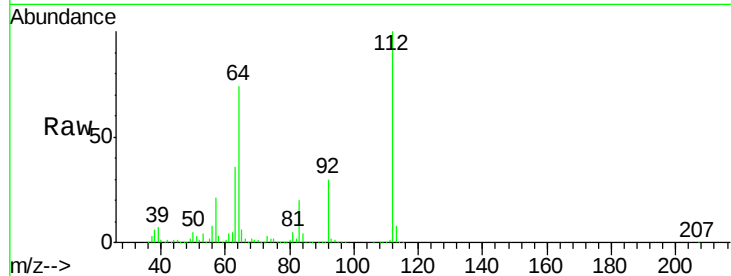
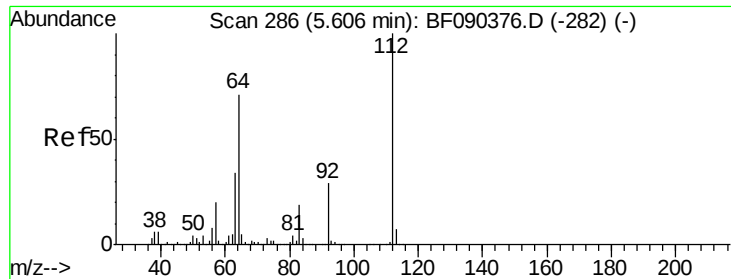
Delta R.T. 0.07 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 168044 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 146.0 | 88.9  | 133.3# |
| 44        | 8.6   | 6.5   | 9.7    |





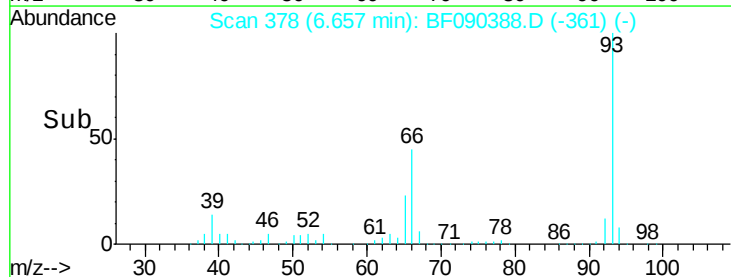
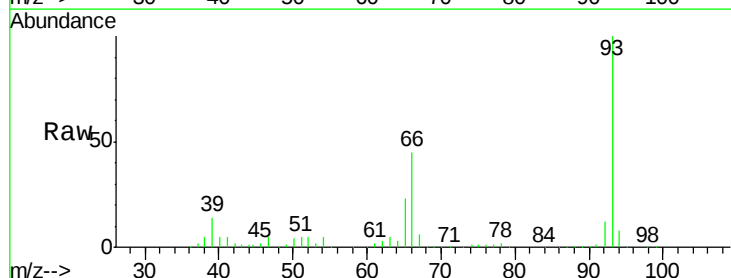
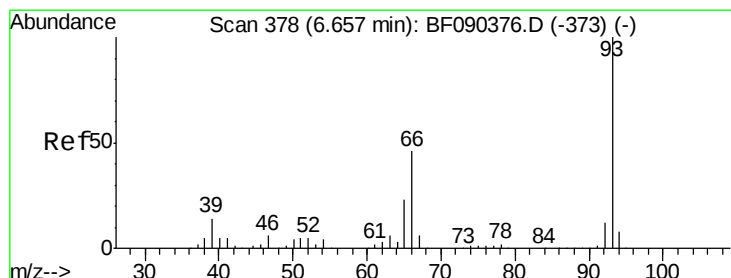
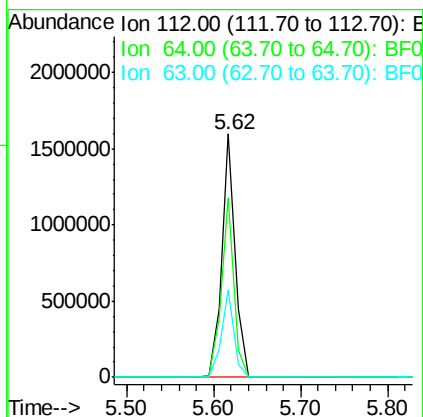
#5  
2-Fluorophenol  
Concen: 115.78 ng  
RT: 5.62 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Tot Ion: 112 Resp: 1717959  
Ion Ratio Lower Upper  
112 100  
64 74.0 57.9 86.9  
63 36.1 29.6 44.4

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

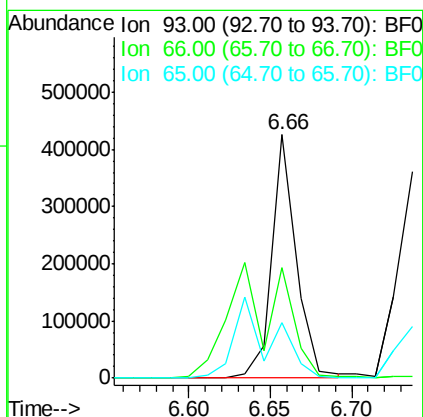
Manual Integrations  
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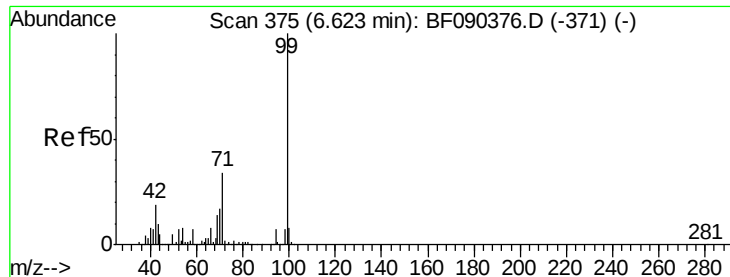
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10/6/2016 5:28:38 PM



#6  
Aniline  
Concen: 16.54 ng  
RT: 6.66 min Scan# 378  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Tgt Ion: 93 Resp: 444027  
Ion Ratio Lower Upper  
93 100  
66 45.4 34.5 51.7  
65 22.7 18.2 27.2





#7

Phenol-d6

Concen: 122.96 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER2016-06-QT4

Tot Ion: 99 Resp: 2389578

Ion Ratio Lower Upper

99 100

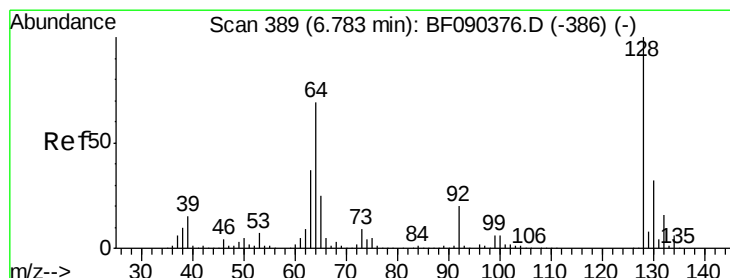
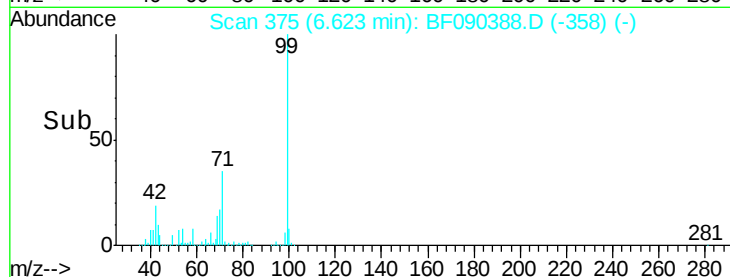
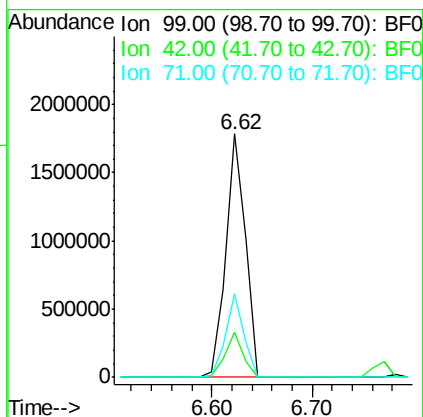
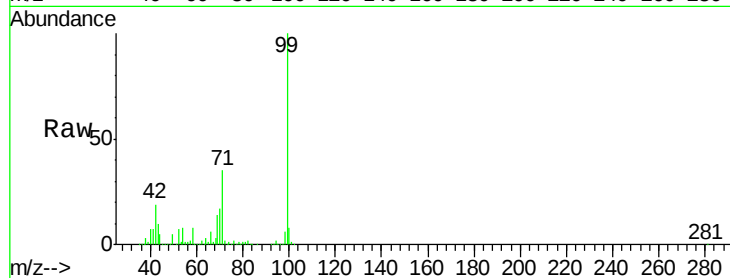
42 18.8 20.0 30.0#

71 34.6 27.9 41.9

Manual Integrations  
APPROVED

SOHIL

10/6/2016 5:28:38 PM



#8

2-Chlorophenol

Concen: 19.42 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

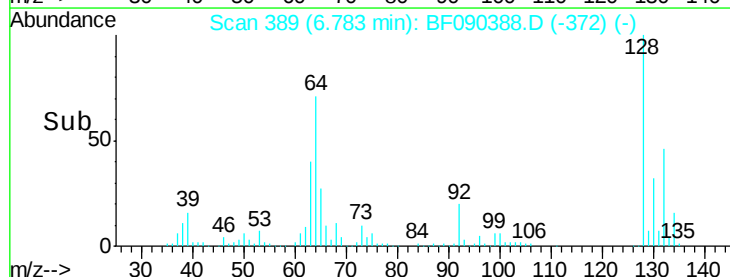
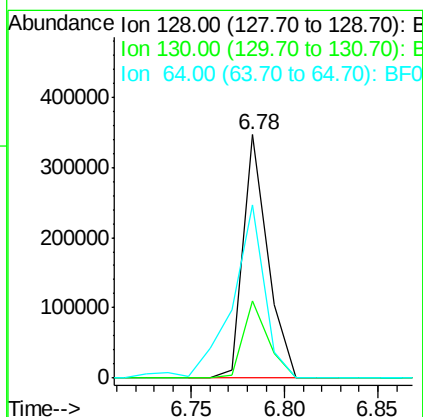
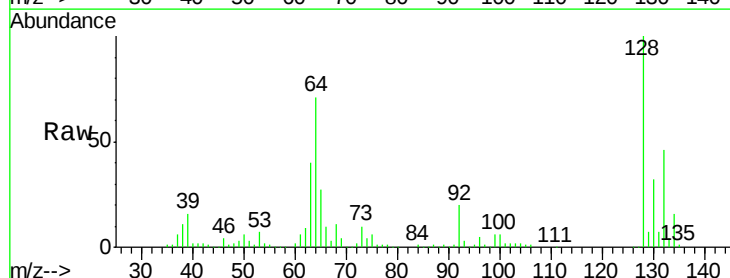
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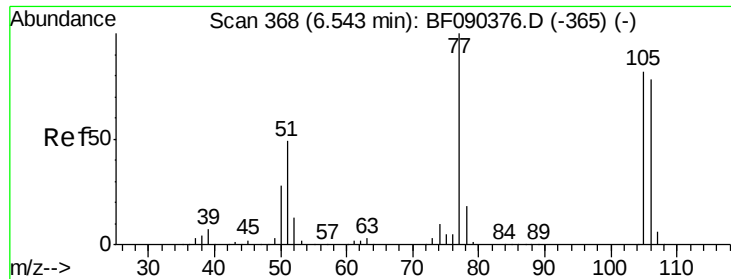
Ion Ratio Lower Upper

128 100

130 31.7 13.3 53.3

64 71.3 36.0 76.0





#9

Benzaldehyde

Concen: 19.64 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

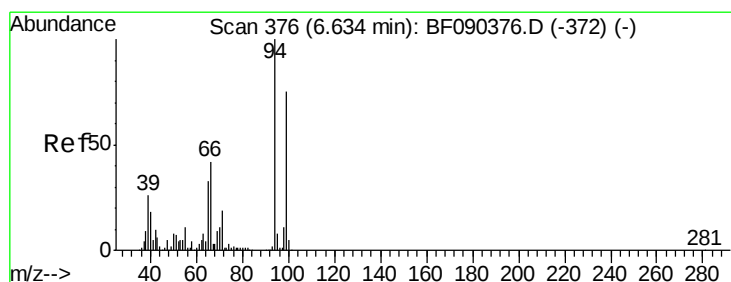
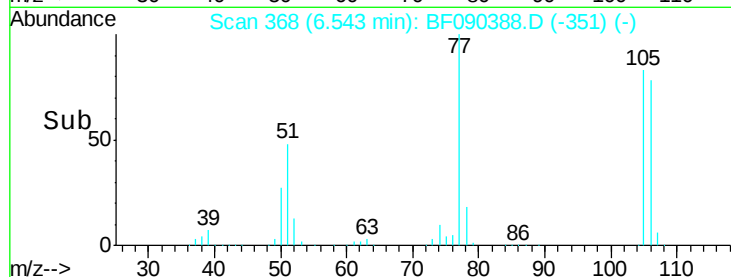
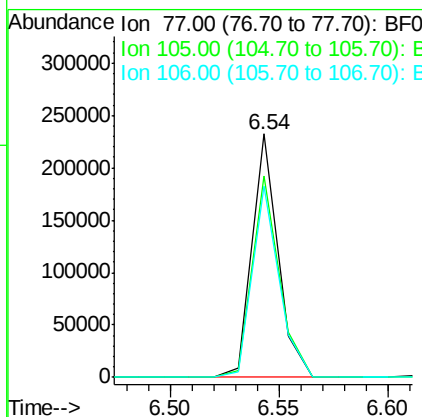
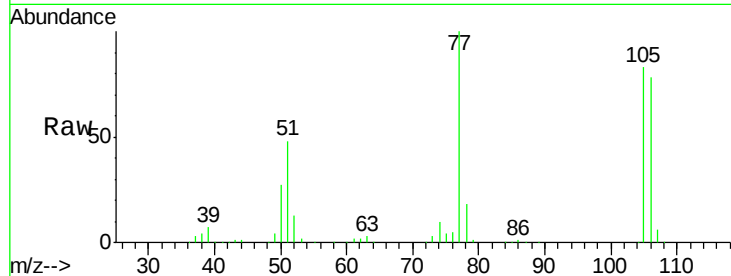
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 192897 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 82.7  | 73.1  | 113.1  |
| 106       | 78.2  | 70.2  | 110.2  |

Manual Integrations  
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10/6/2016 5:28:38 PM



#10

Phenol

Concen: 16.70 ng

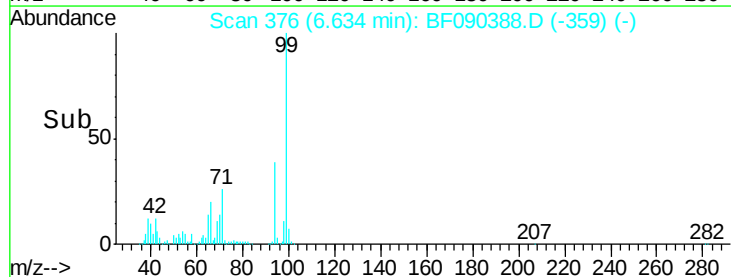
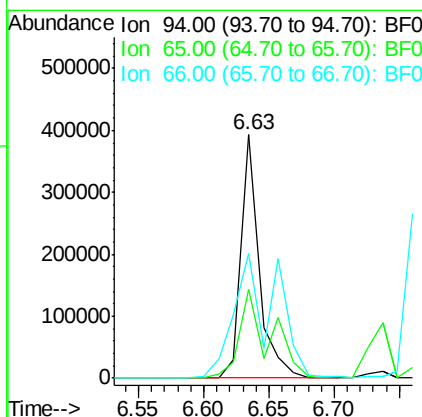
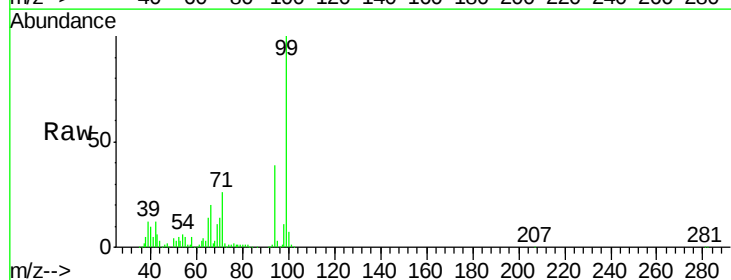
RT: 6.63 min Scan# 376

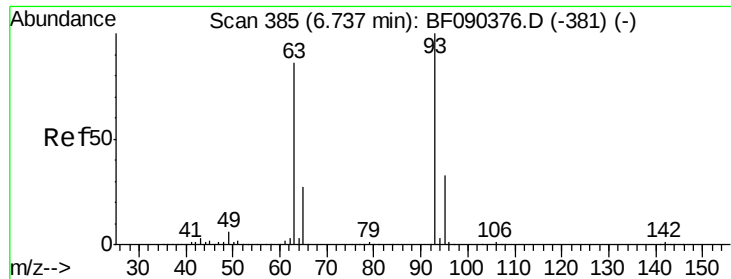
Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 377320 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 36.3  | 13.3  | 53.3   |
| 66        | 51.3  | 20.4  | 60.4   |





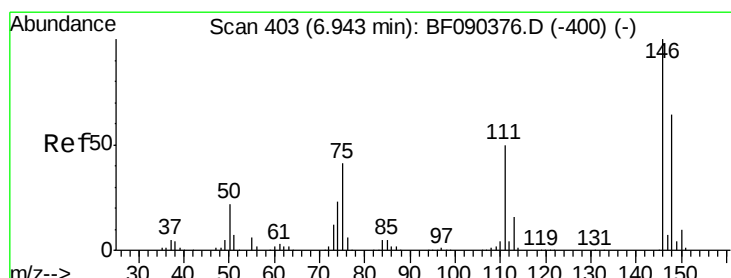
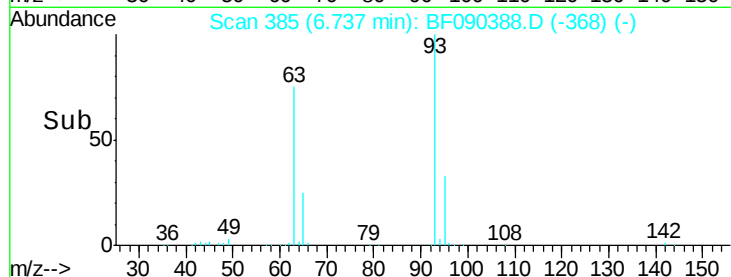
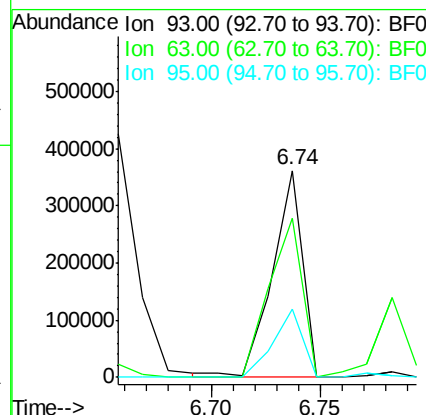
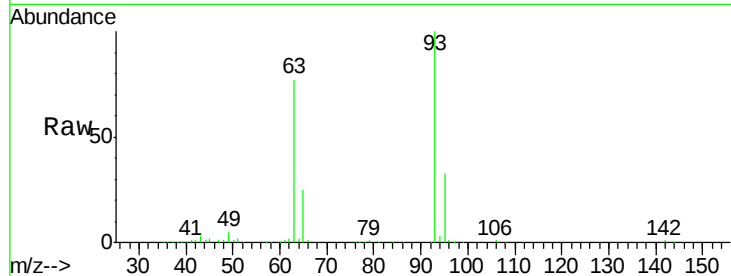
#11  
bis(2-Chloroethyl)ether  
Concen: 20.21 ng  
RT: 6.74 min Scan# 385  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.0  | 59.7  | 99.7  |
| 95      | 33.1  | 14.0  | 54.0  |

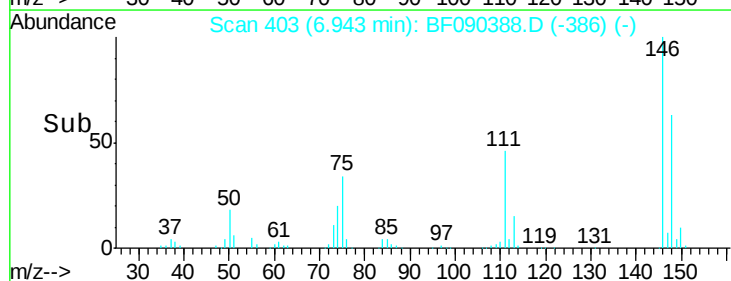
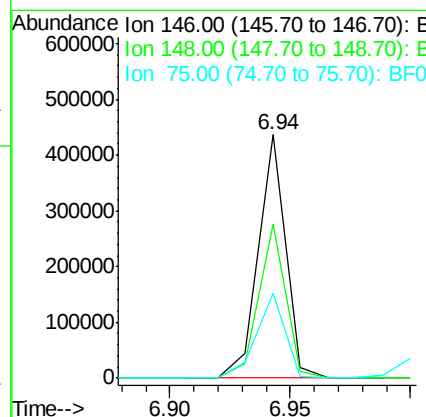
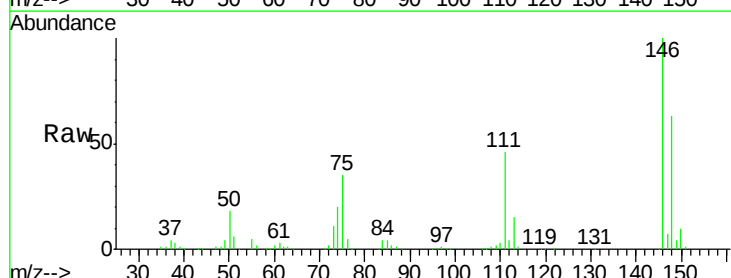
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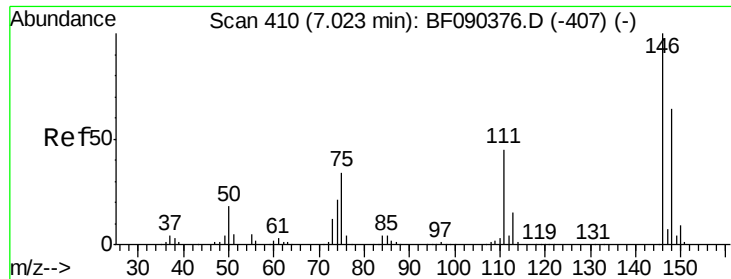
SOHIL  
10/6/2016 5:28:38 PM



#12  
1,3-Dichlorobenzene  
Concen: 21.07 ng m  
RT: 6.94 min Scan# 403  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 52.2  | 78.4  |
| 75      | 34.7  | 21.4  | 32.2  |





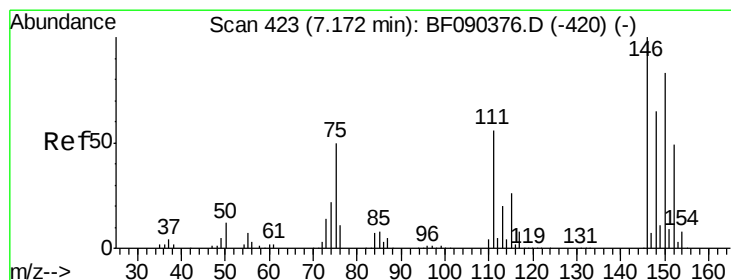
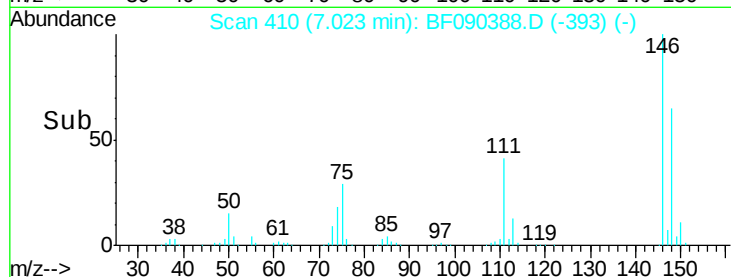
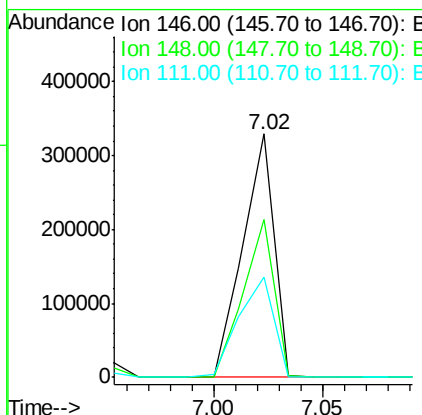
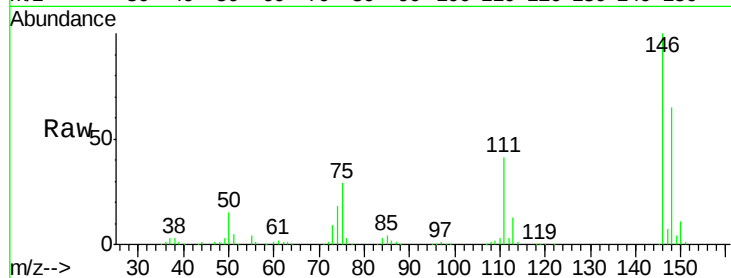
#13  
1,4-Dichlorobenzene  
Concen: 19.92 ng  
RT: 7.02 min Scan# 410  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.1  | 76.7  |
| 111     | 41.1  | 37.8  | 56.6  |

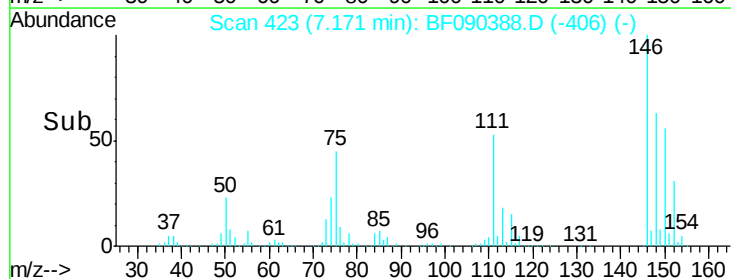
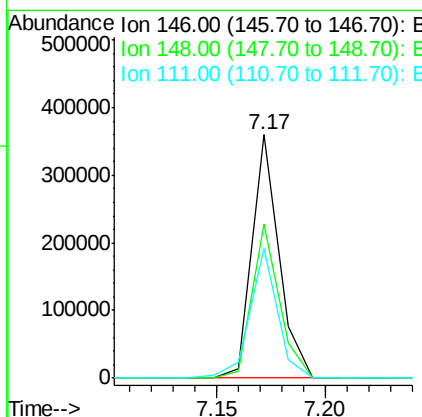
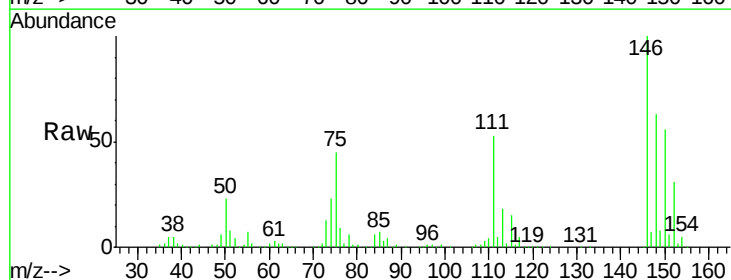
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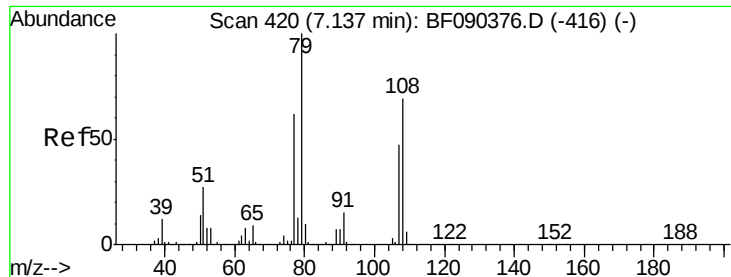
SOHIL  
10/6/2016 5:28:38 PM



#14  
1,2-Dichlorobenzene  
Concen: 19.35 ng  
RT: 7.17 min Scan# 423  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 52.3  | 78.5  |
| 111     | 53.1  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 22.41 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

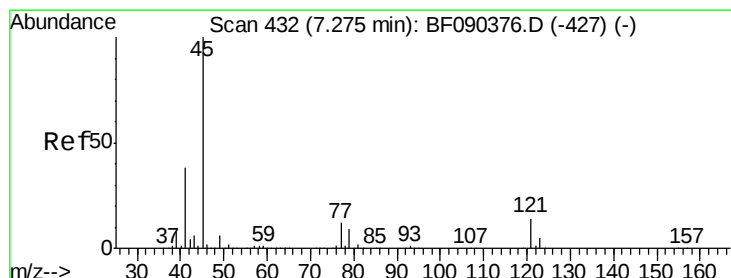
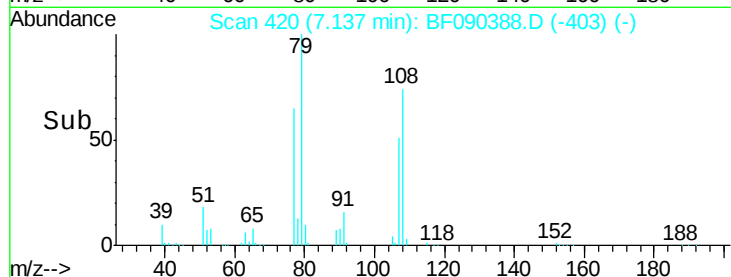
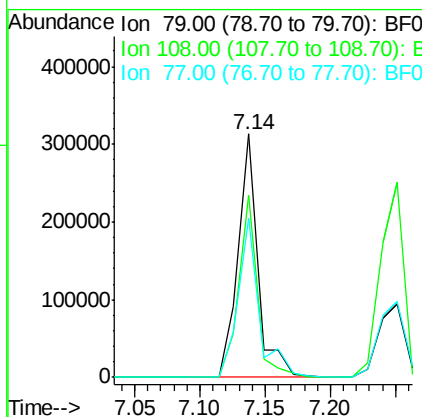
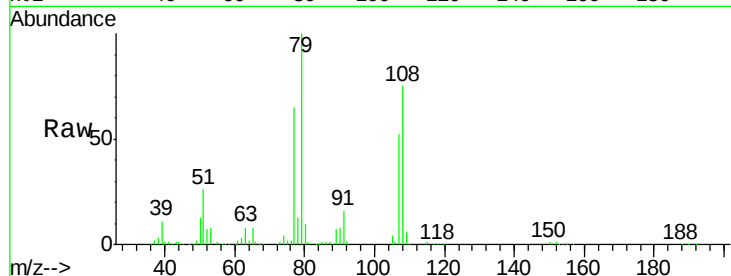
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 331069 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 74.7  | 60.9  | 91.3   |
| 77        | 65.1  | 51.5  | 77.3   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 20.64 ng

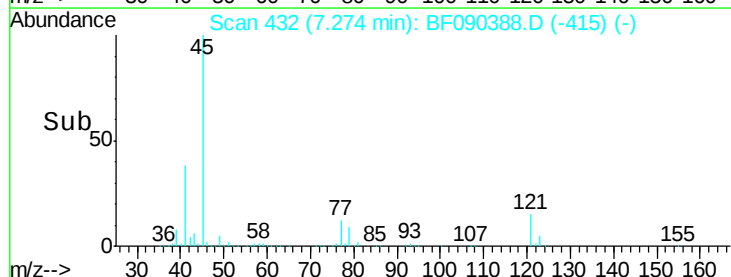
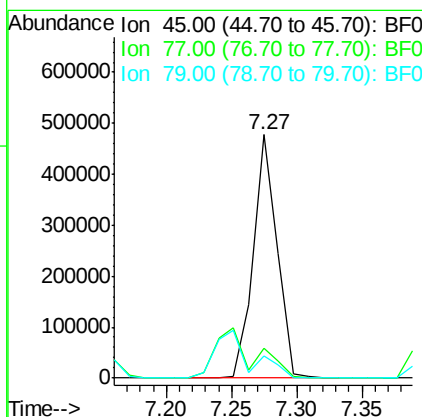
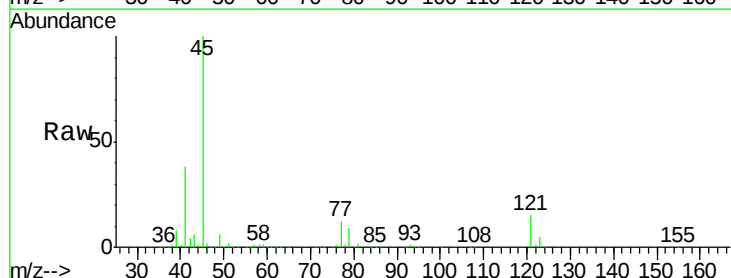
RT: 7.27 min Scan# 432

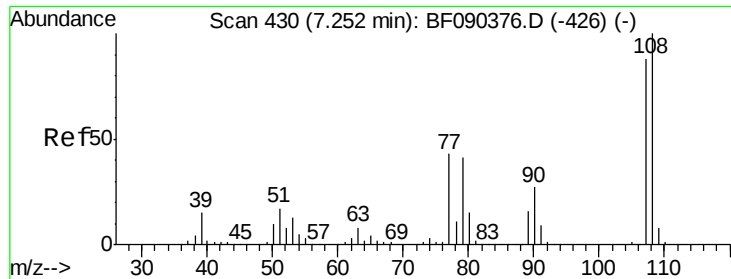
Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 605631 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.0  | 0.0   | 30.8   |
| 79        | 9.4   | 0.0   | 28.2   |





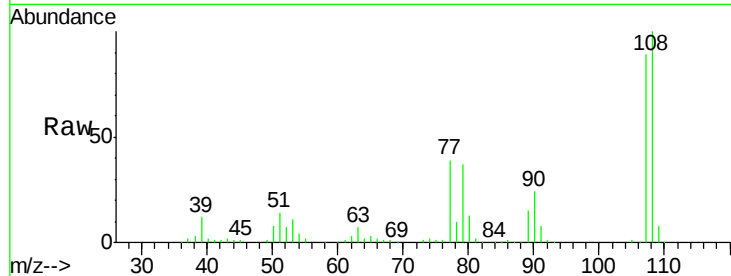
#17  
2-Methylphenol  
Concen: 20.25 ng  
RT: 7.25 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

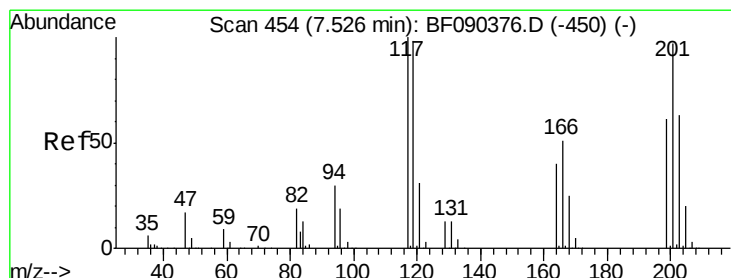
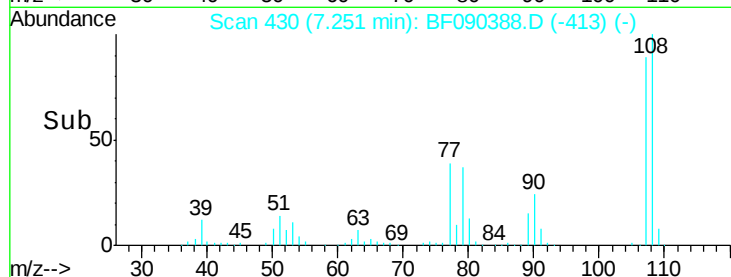
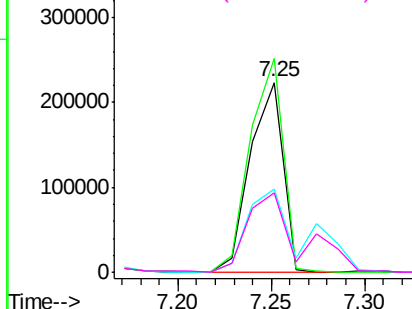
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 271900 |       |       |
| 108     | 112.6 |        | 90.9  | 136.3 |
| 77      | 43.9  |        | 38.2  | 57.4  |
| 79      | 42.1  |        | 37.0  | 55.4  |

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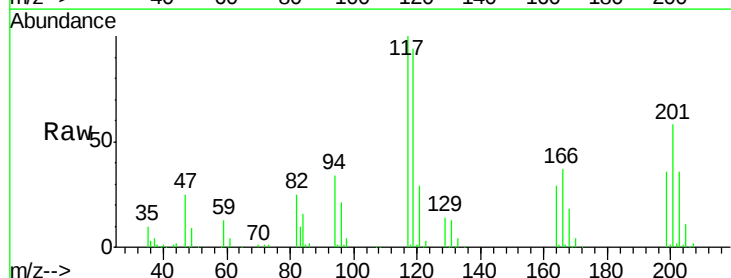


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

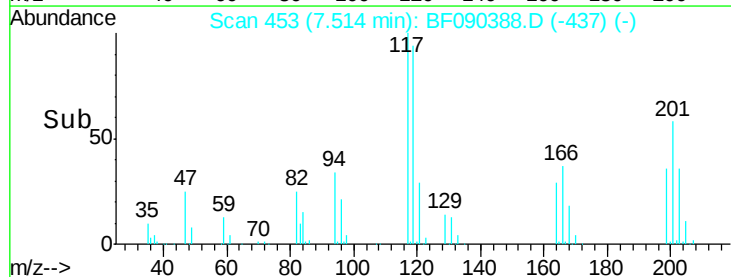
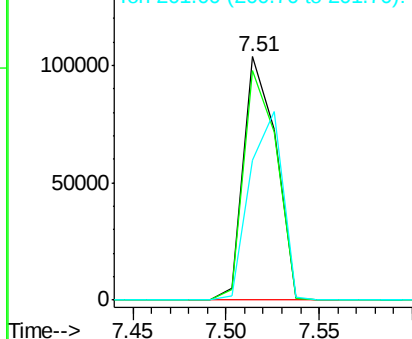


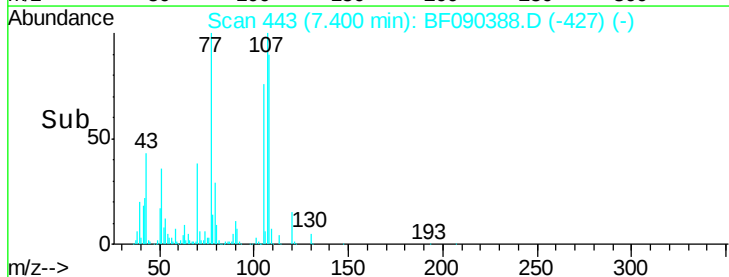
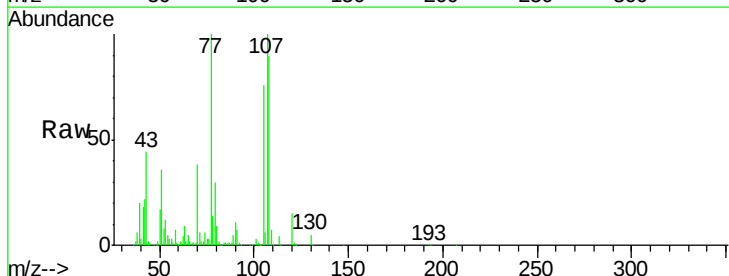
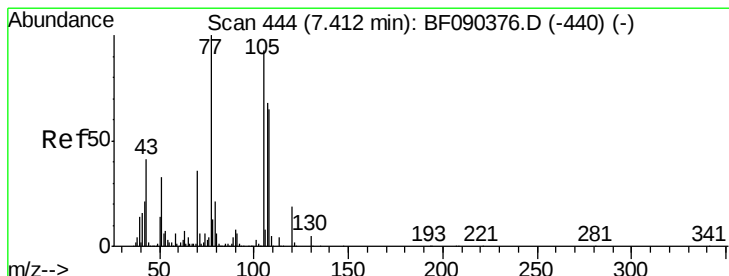
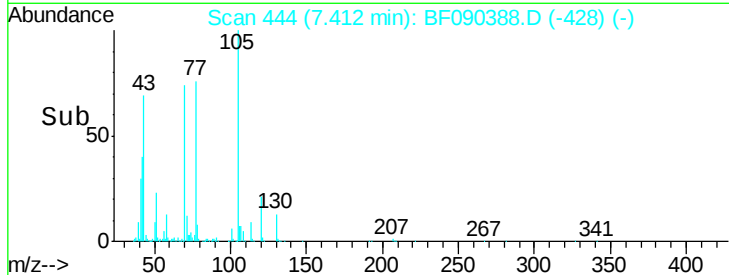
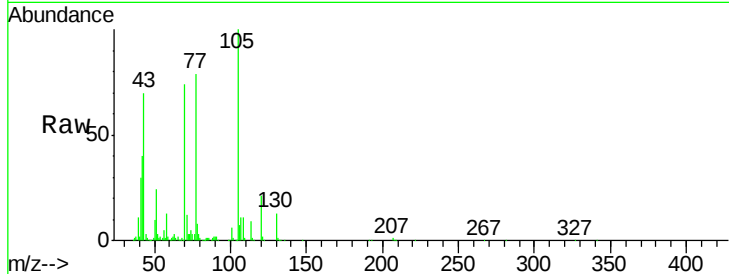
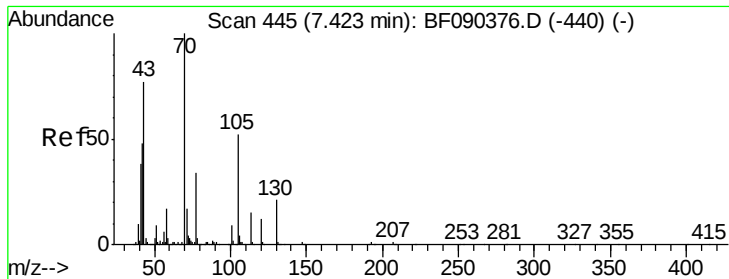
#18  
Hexachloroethane  
Concen: 19.17 ng  
RT: 7.51 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 124942 |       |       |
| 119     | 94.1  |        | 75.9  | 113.9 |
| 201     | 57.7  |        | 66.5  | 99.7# |



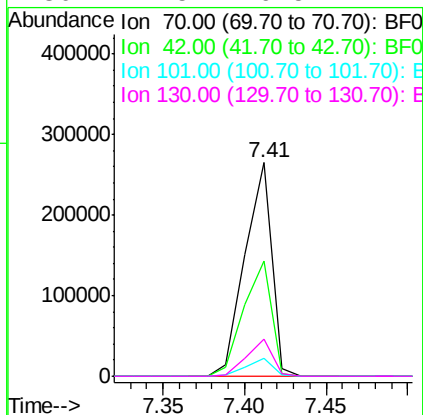
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 21.20 ng  
RT: 7.41 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.9  | 55.4  | 83.2# |
| 101     | 8.3   | 7.6   | 11.4  |
| 130     | 17.5  | 16.5  | 24.7  |



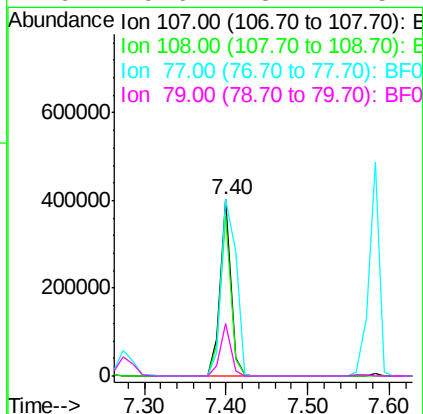
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

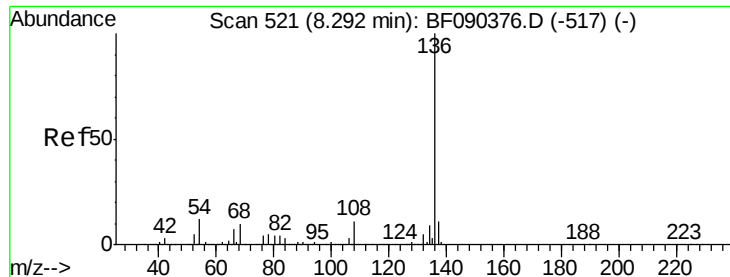
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 21.08 ng  
RT: 7.40 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.4  | 66.7  | 106.7 |
| 77      | 100.0 | 53.7  | 93.7# |
| 79      | 29.6  | 8.4   | 48.4  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

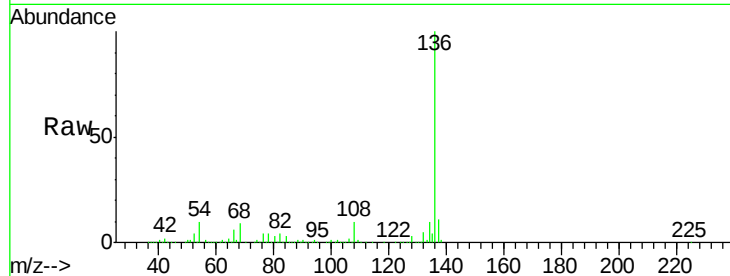
ClientSampleId :

LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 977236 |       |       |
| 137     | 11.2  | 9.0    | 13.6  |       |
| 54      | 10.2  | 6.6    | 10.0# |       |
| 68      | 8.8   | 5.0    | 7.6#  |       |

Manual Integrations  
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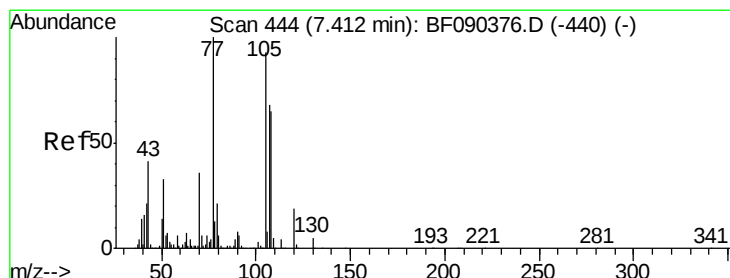
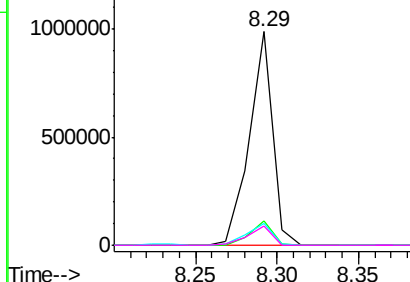
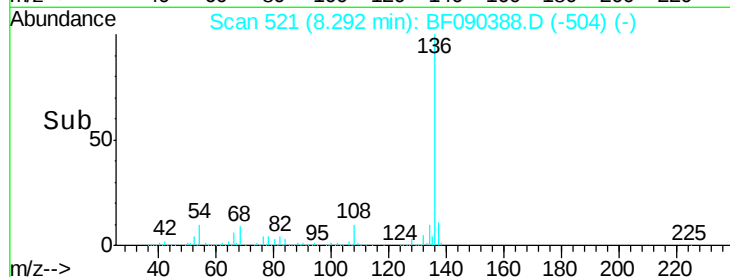
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 20.41 ng

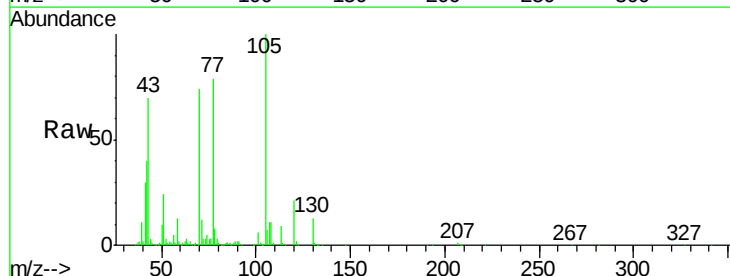
RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 472392 |       |       |
| 71      | 12.4  | 3.8    | 5.6#  |       |
| 51      | 24.1  | 28.2   | 42.4# |       |
| 120     | 21.5  | 17.4   | 26.2  |       |



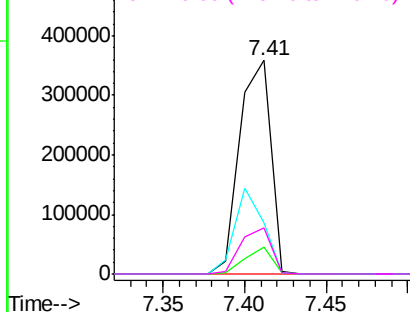
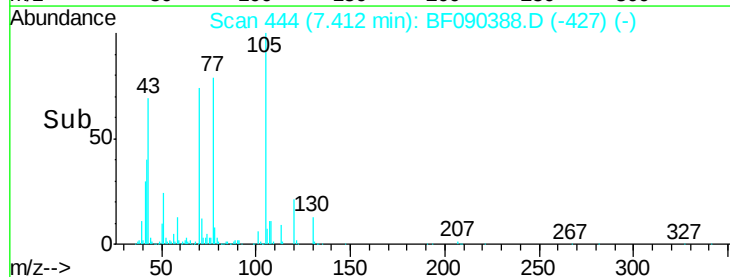
Abundance

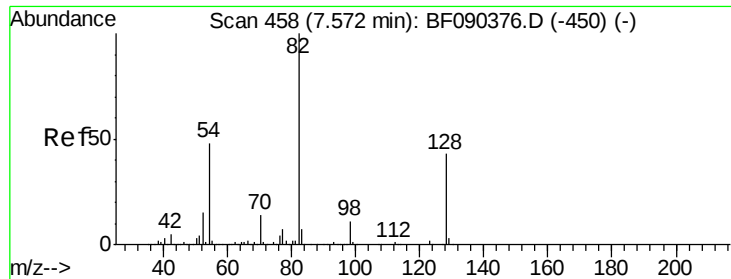
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





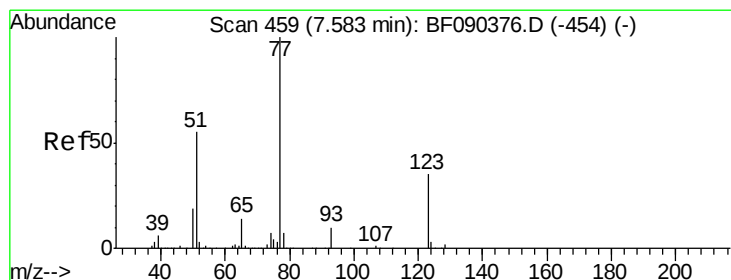
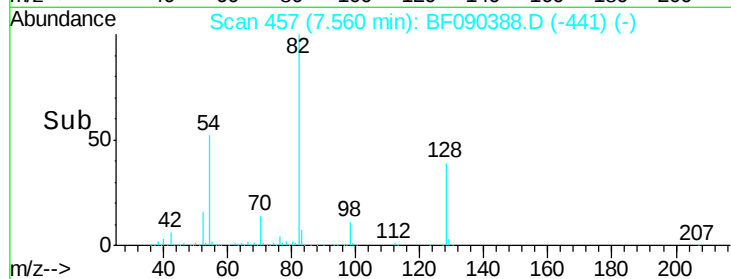
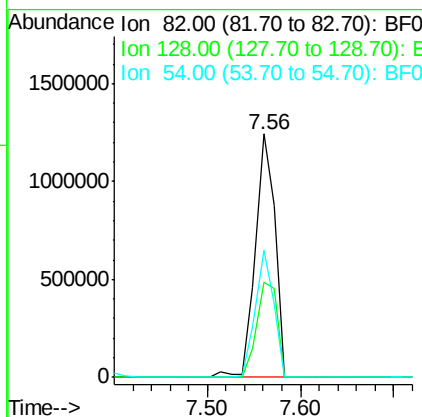
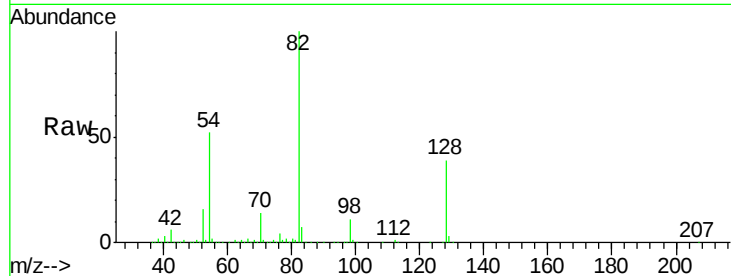
#23  
Nitrobenzene-d5  
Concen: 90.16 ng  
RT: 7.56 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

Tot Ion: 82 Resp: 1811291  
Ion Ratio Lower Upper  
82 100  
128 38.8 40.0 60.0#  
54 52.3 42.6 64.0

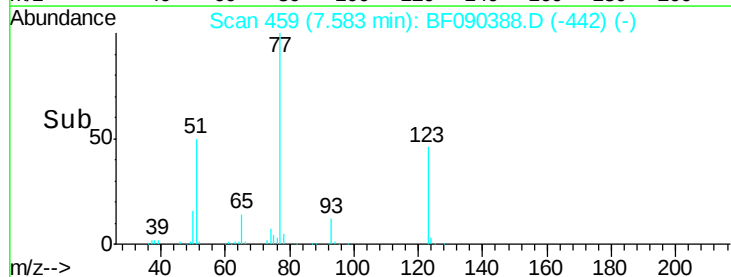
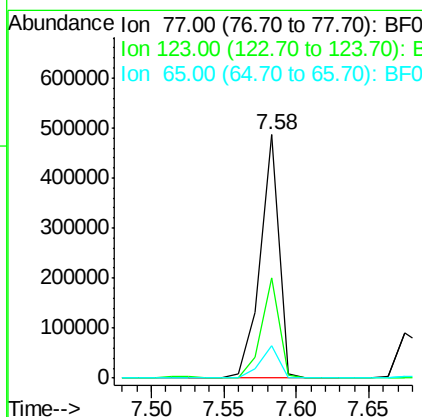
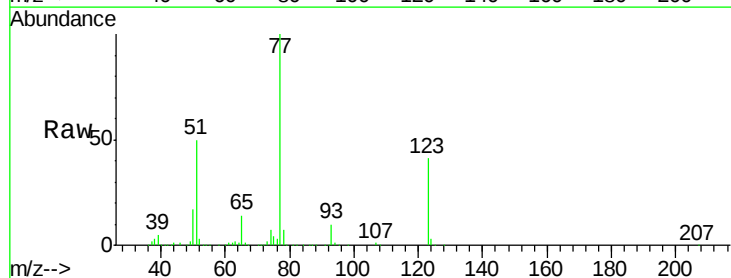
Manual Integrations  
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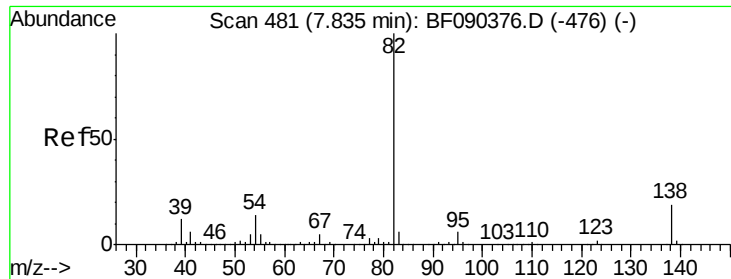
SOHIL  
10/6/2016 5:28:38 PM



#24  
Nitrobenzene  
Concen: 21.93 ng  
RT: 7.58 min Scan# 459  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Tgt Ion: 77 Resp: 437371  
Ion Ratio Lower Upper  
77 100  
123 41.3 33.0 49.4  
65 13.5 12.0 18.0





#25

Isophorone

Concen: 20.22 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

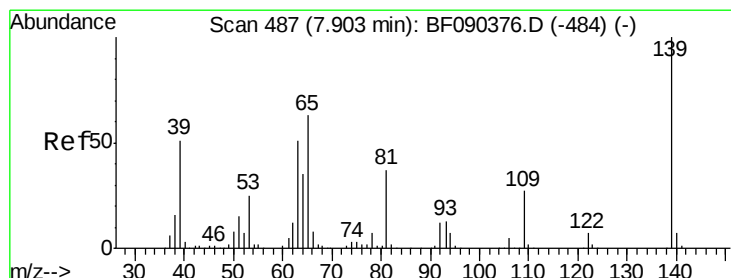
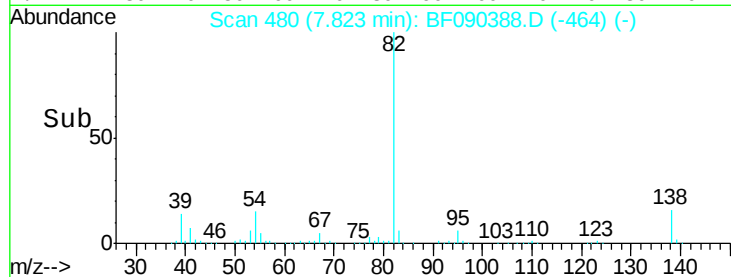
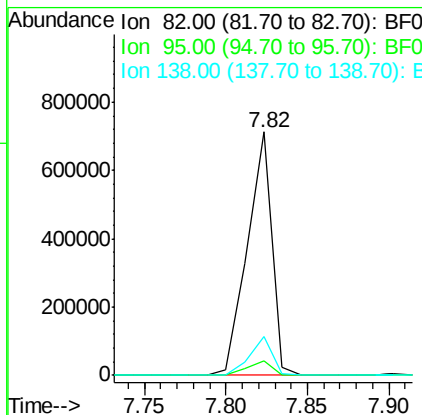
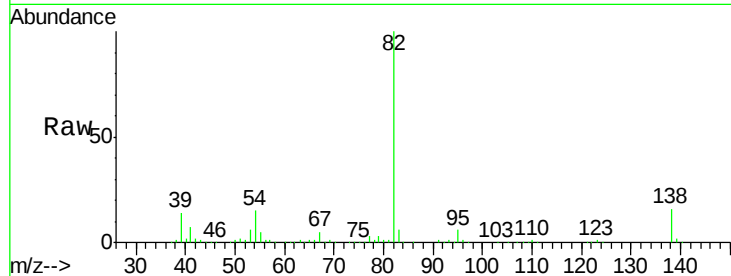
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 742692 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.2  | 5.2   | 7.8    |
| 138       | 16.0 | 13.0  | 19.4   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 19.60 ng

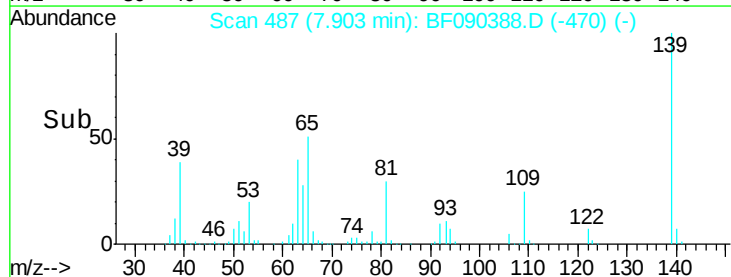
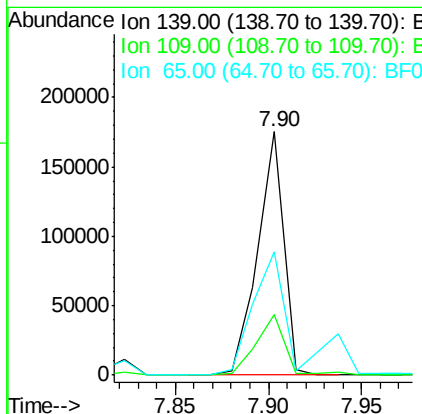
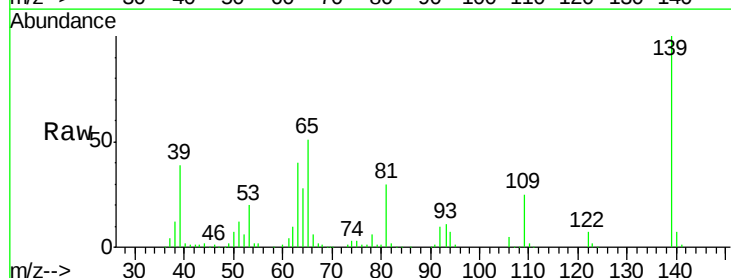
RT: 7.90 min Scan# 487

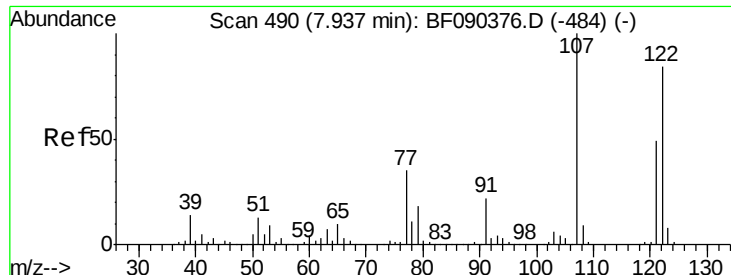
Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 168283 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 25.0 | 18.9  | 28.3   |
| 65        | 50.6 | 31.6  | 47.4#  |





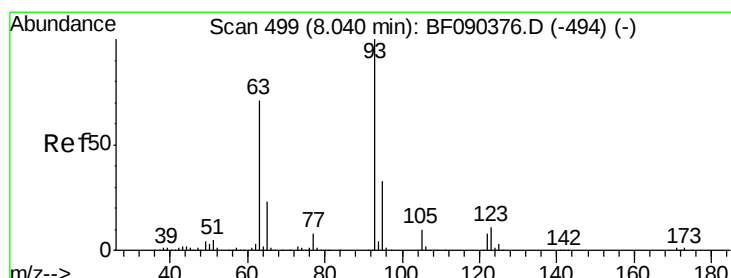
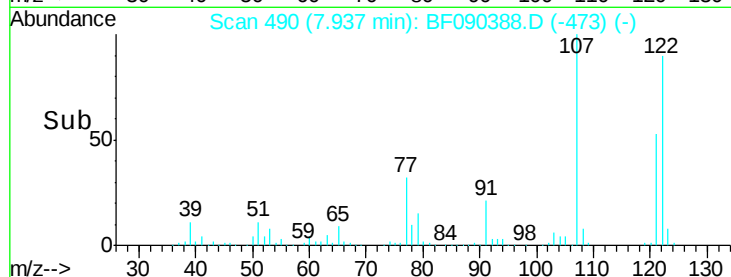
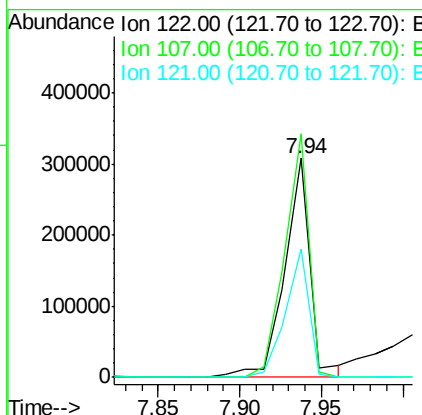
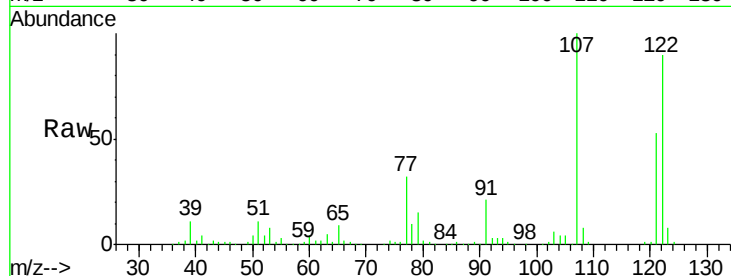
#27  
 2,4-Dimethylphenol  
 Concen: 20.07 ng  
 RT: 7.94 min Scan# 490  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.3 | 88.6  | 132.8 |
| 121     | 58.6  | 47.5  | 71.3  |

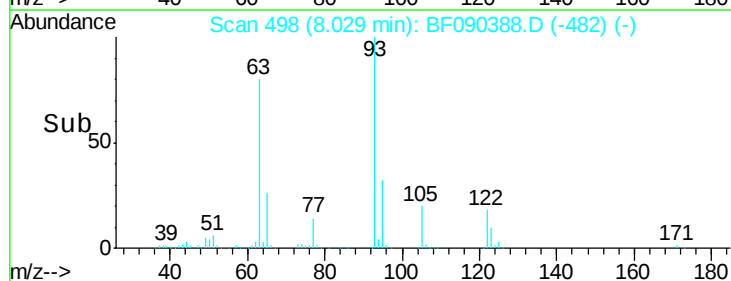
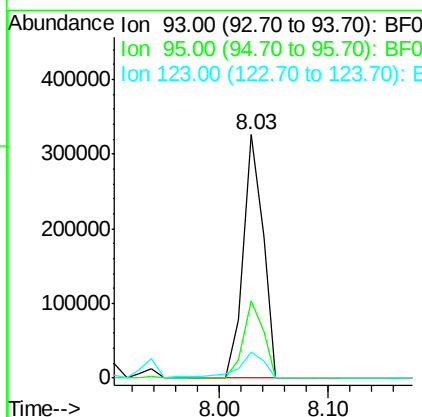
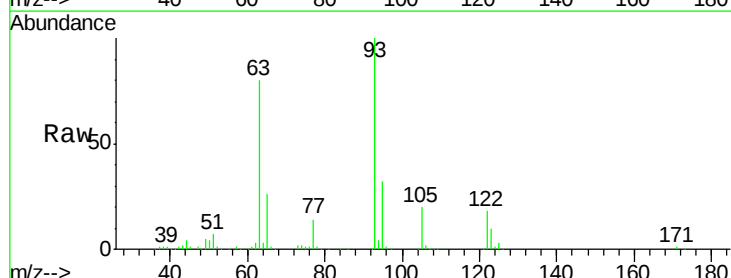
Manual Integrations  
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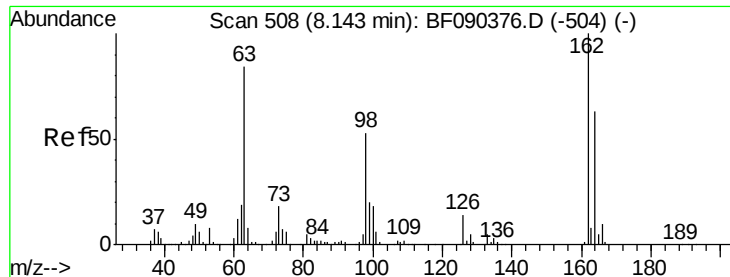
SOHIL  
 10/6/2016 5:28:38 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 18.80 ng  
 RT: 8.03 min Scan# 498  
 Delta R.T. -0.01 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 27.0  | 40.4  |
| 123     | 10.5  | 11.1  | 16.7# |





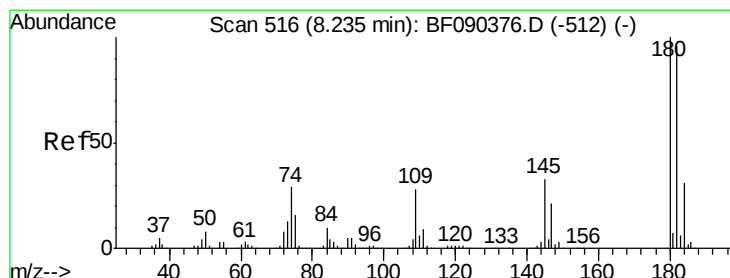
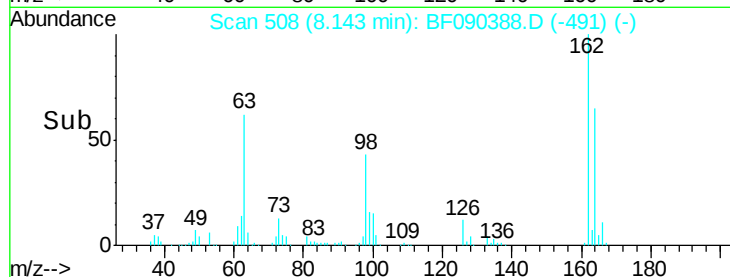
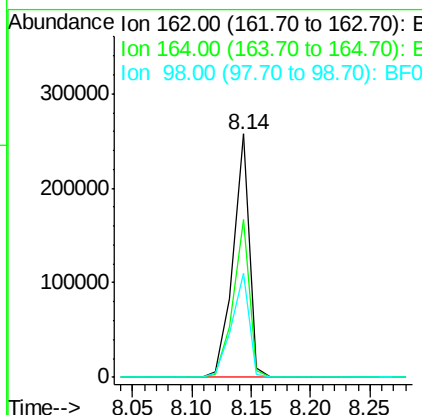
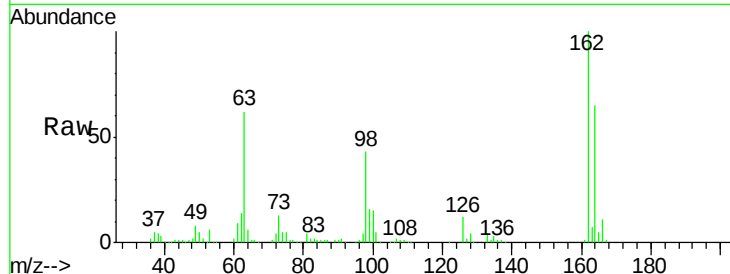
#29  
 2,4-Dichlorophenol  
 Concen: 19.37 ng  
 RT: 8.14 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 245862 |       |       |
| 164     | 64.9  | 45.7   | 85.7  |       |
| 98      | 42.6  | 13.3   | 53.3  |       |

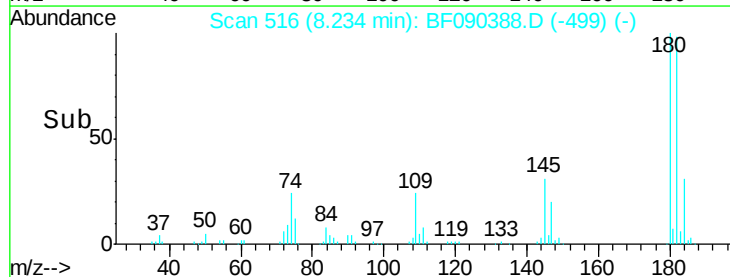
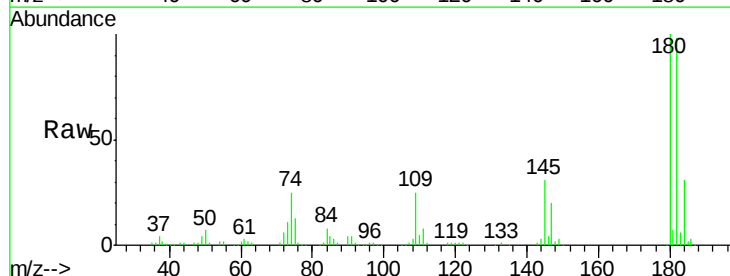
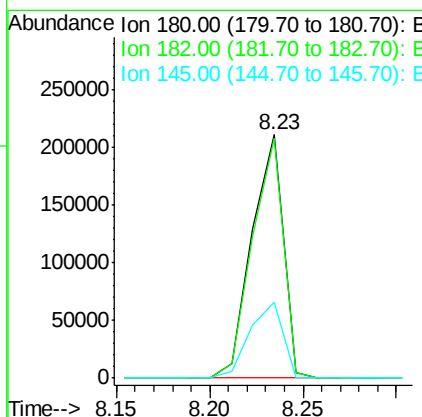
Manual Integrations  
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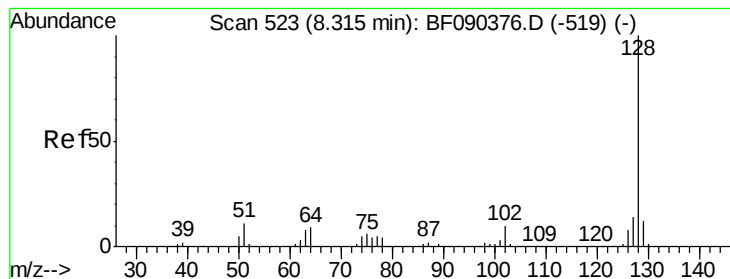
SOHIL  
 10/6/2016 5:28:38 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 18.80 ng  
 RT: 8.23 min Scan# 516  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 245888 |       |       |
| 182     | 98.2  | 75.3   | 112.9 |       |
| 145     | 31.3  | 27.7   | 41.5  |       |





#31

Naphthalene

Concen: 20.58 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

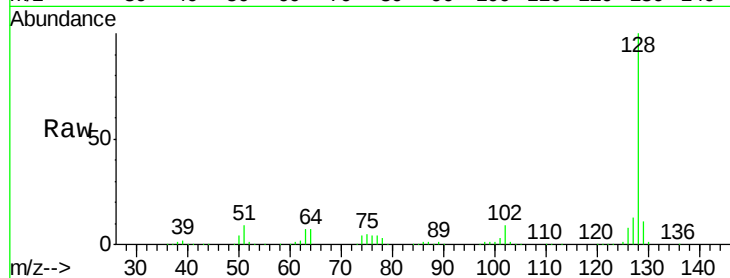
ClientSampleId :

LOQ-WATER2016-06-QT4

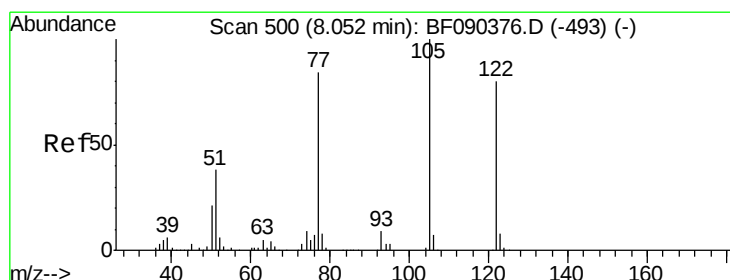
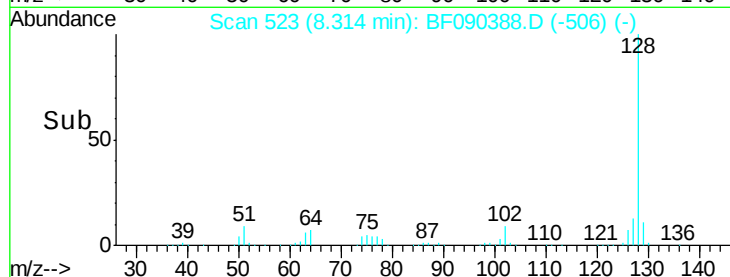
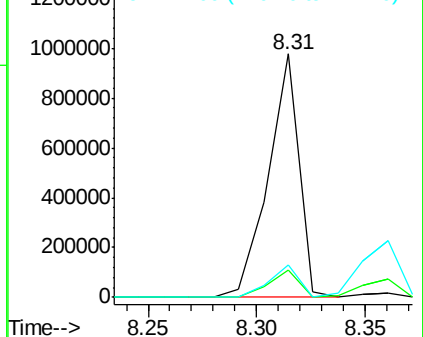
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 970364 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 9.7   | 14.5   |
| 127       | 13.3  | 11.7  | 17.5   |

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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: 18.83 ng

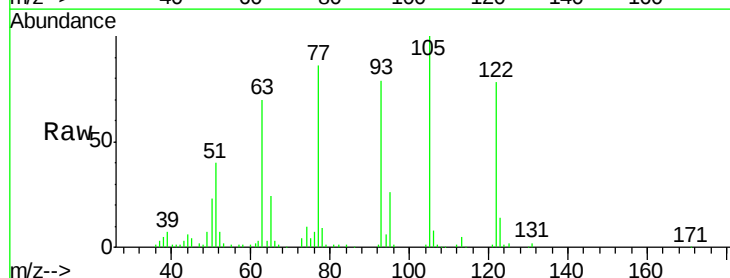
RT: 8.02 min Scan# 497

Delta R.T. -0.03 min

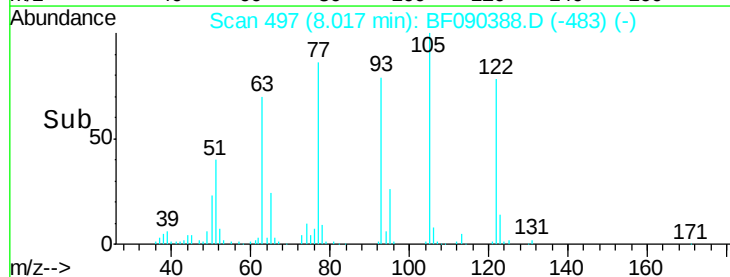
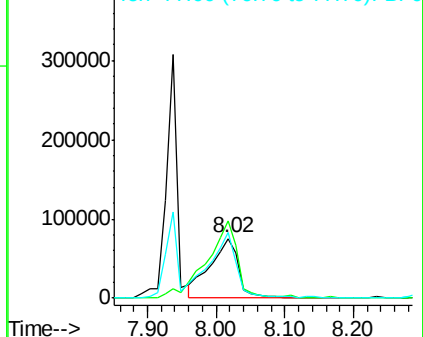
Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 218582 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 128.3 | 103.9 | 143.9  |
| 77        | 110.1 | 74.6  | 114.6  |



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





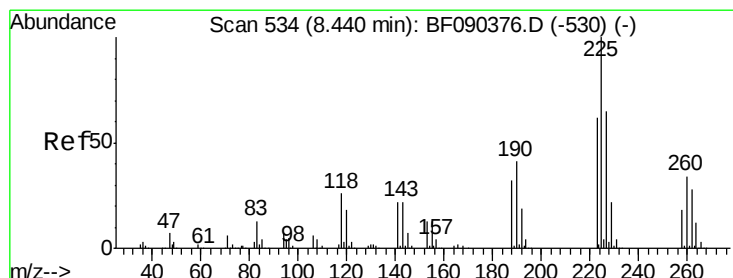
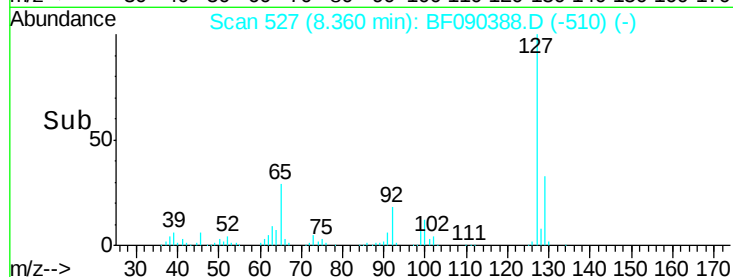
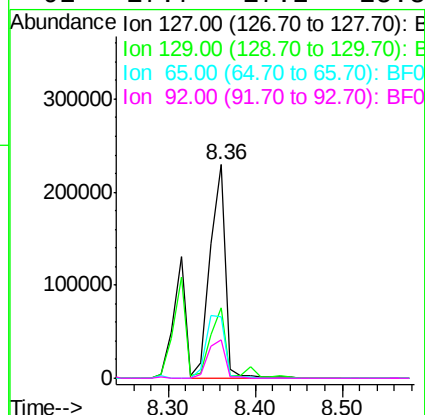
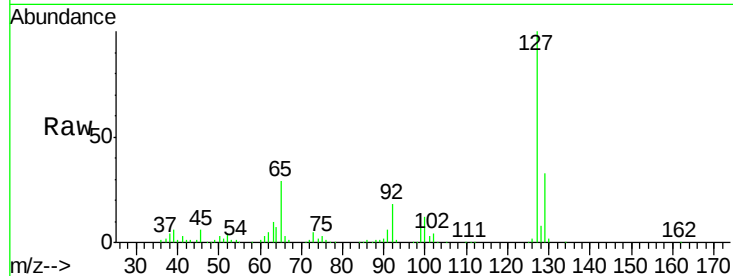
#33  
4-Chloroaniline  
Concen: 14.53 ng  
RT: 8.36 min Scan# 527  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.8 | 26.2  | 39.4 |       |       |
| 65      | 28.8 | 32.5  | 48.7 |       |       |
| 92      | 17.7 | 17.2  | 25.8 |       |       |

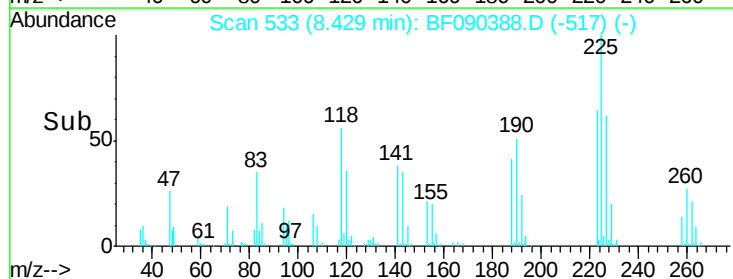
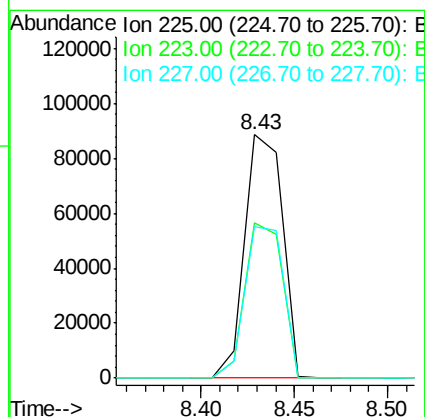
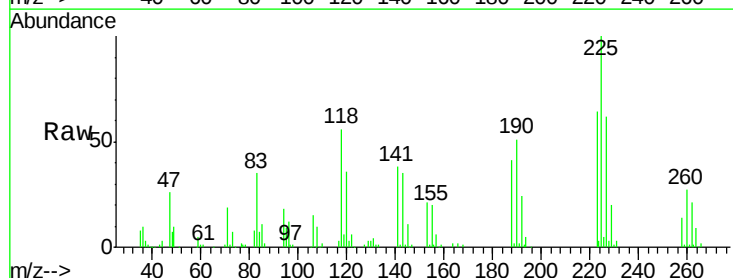
Manual Integrations  
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#34  
Hexachlorobutadiene  
Concen: 16.99 ng  
RT: 8.43 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.6 | 51.0  | 76.4 |       |       |
| 227     | 62.2 | 50.8  | 76.2 |       |       |





#35

Caprolactam

Concen: 17.82 ng

RT: 8.70 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

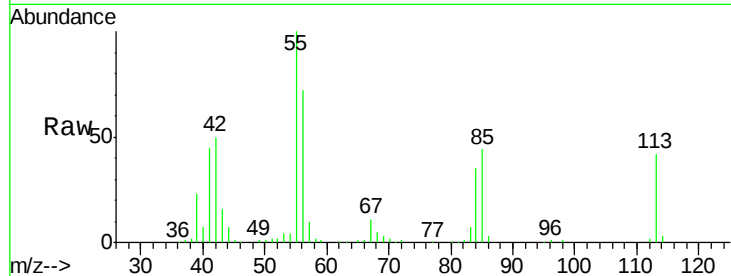
ClientSampleId :

LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 236.5 | 203.3 | 243.3 |
| 56      | 171.3 | 140.5 | 180.5 |

Manual Integrations  
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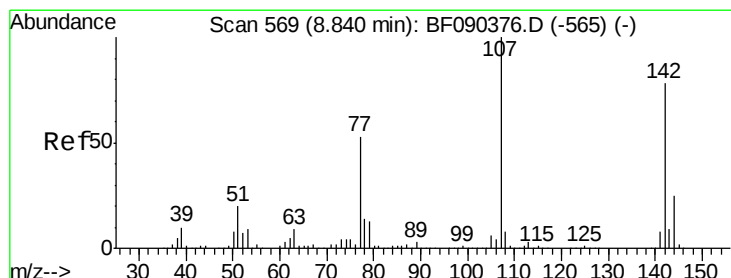
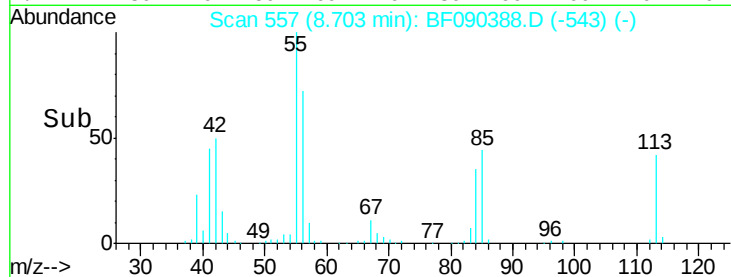
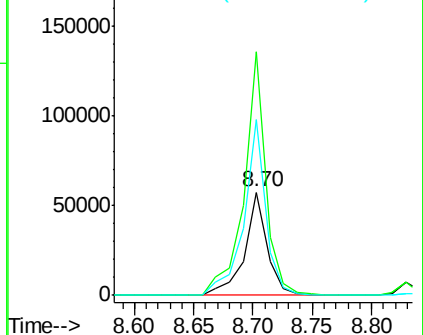
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 17.93 ng

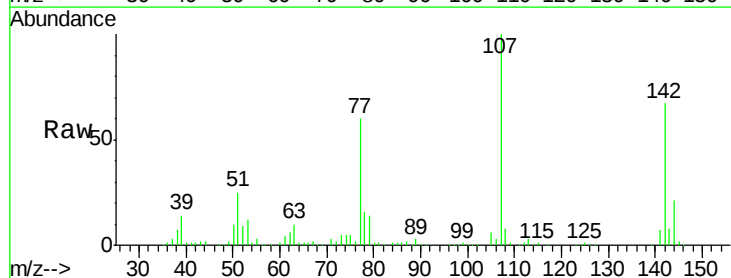
RT: 8.83 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

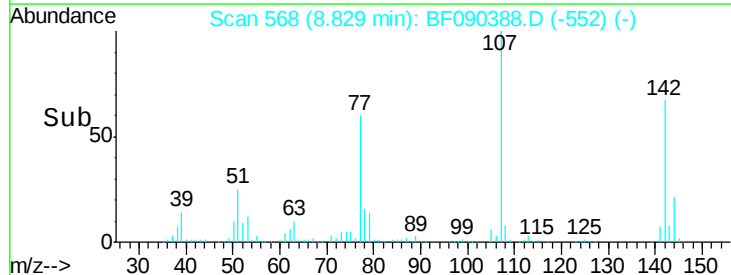
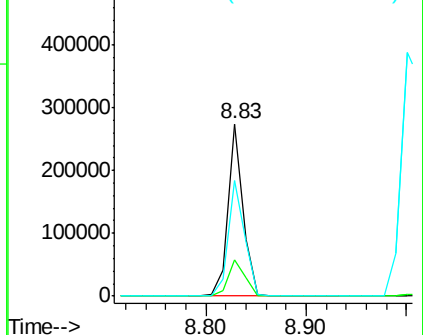
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 21.2  | 19.8  | 29.8  |
| 142     | 67.2  | 60.7  | 91.1  |

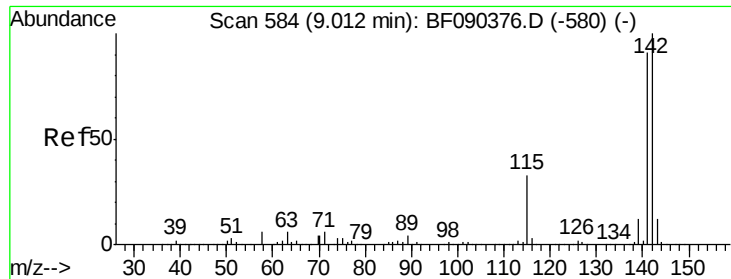


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





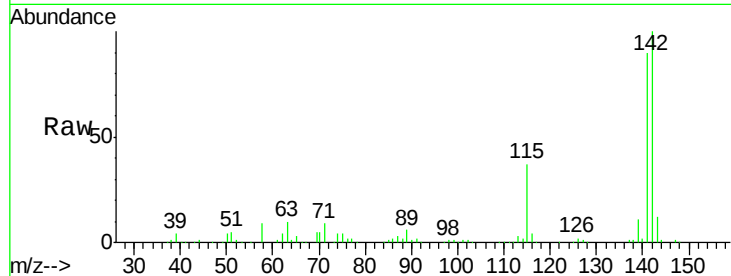
#37  
2-Methylnaphthalene  
Concen: 19.49 ng  
RT: 9.00 min Scan# 583  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.2  | 71.8  | 107.8 |
| 115     | 37.0  | 28.8  | 43.2  |

Manual Integrations  
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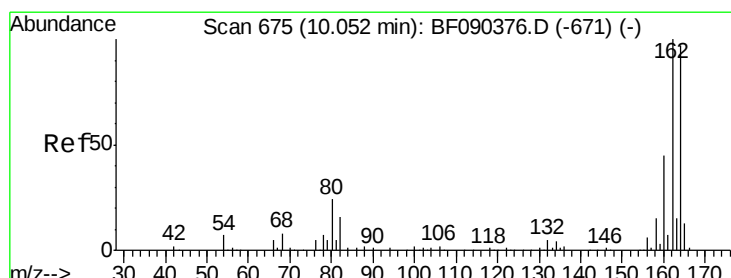
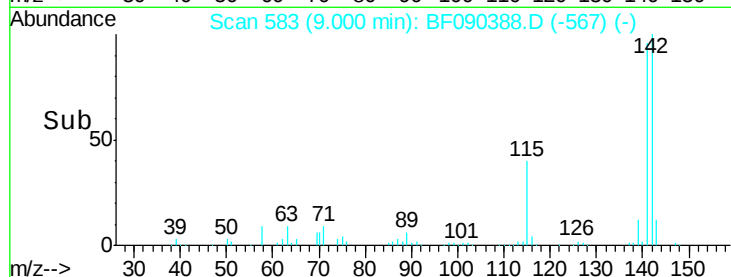
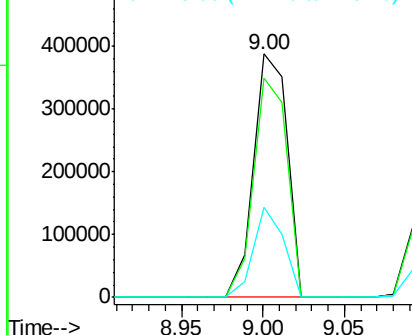


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.05 min Scan# 675  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

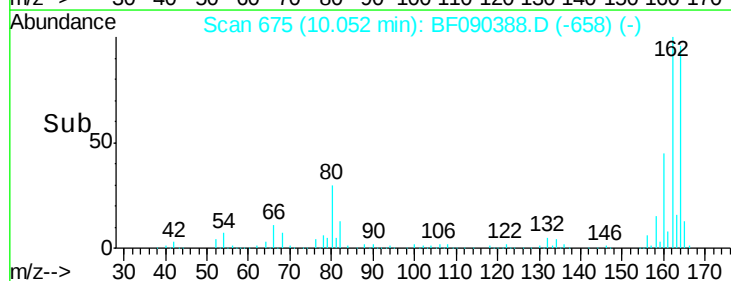
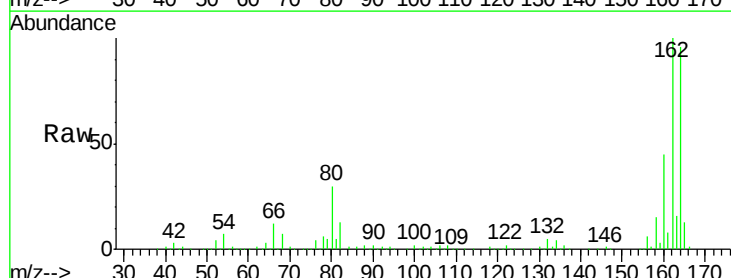
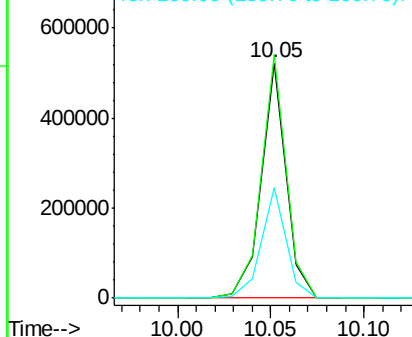
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 80.1  | 120.1 |
| 160     | 46.9  | 36.3  | 54.5  |

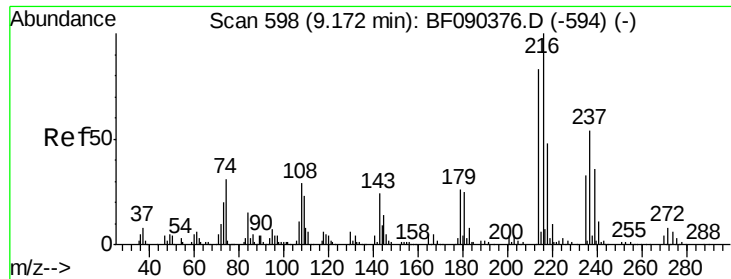
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





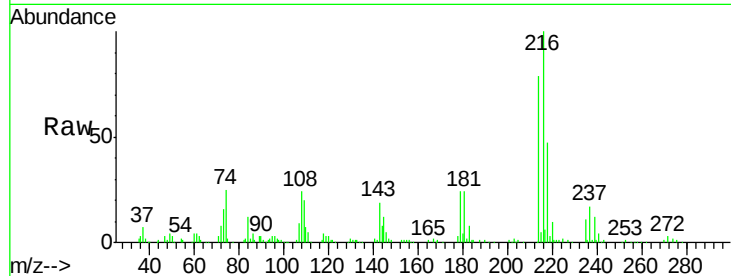
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 18.65 ng  
 RT: 9.17 min Scan# 598  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

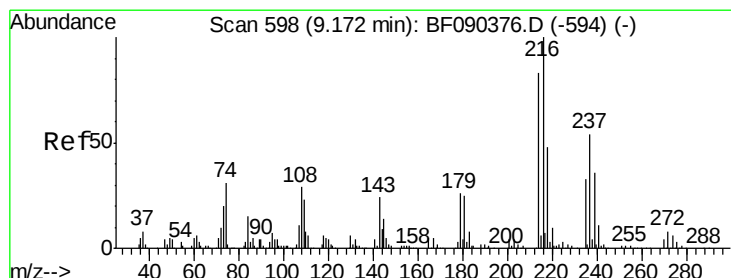
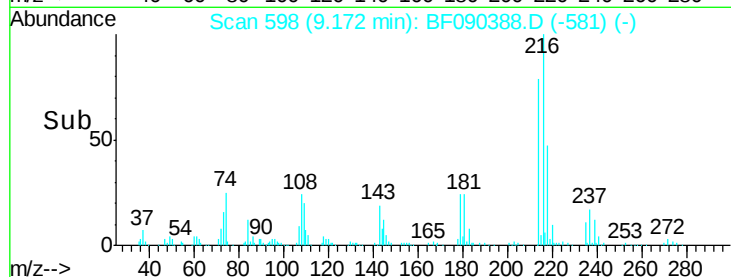
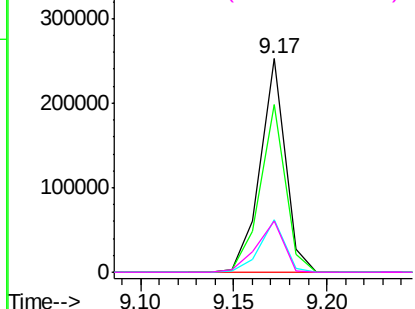
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 235861 |       |       |
| 214     | 78.8  | 64.2   | 96.2  |       |
| 179     | 24.2  | 18.0   | 27.0  |       |
| 108     | 26.1  | 15.2   | 22.8  |       |

Manual Integrations  
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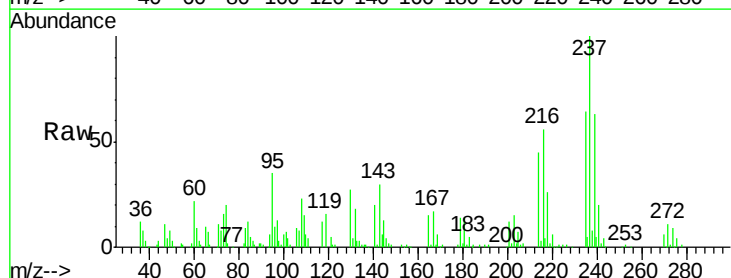


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

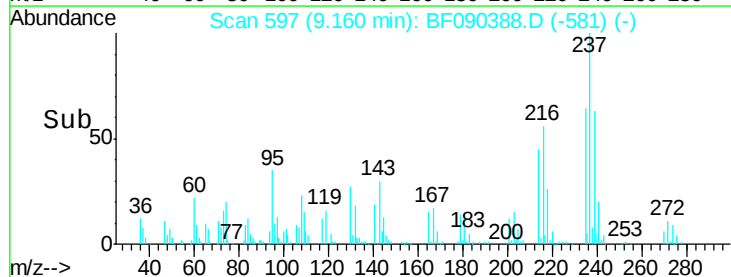
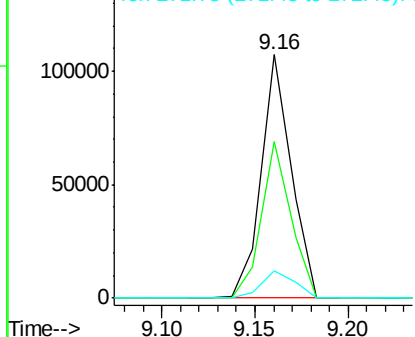


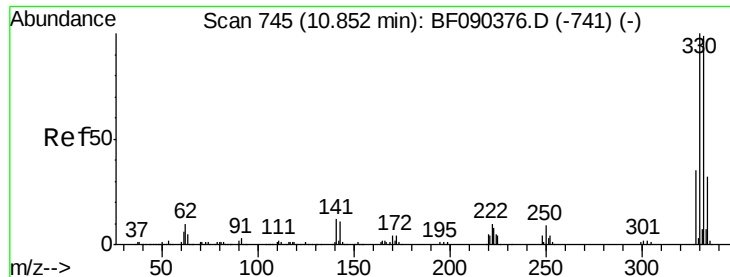
#40  
 Hexachlorocyclopentadiene  
 Concen: 17.15 ng  
 RT: 9.16 min Scan# 597  
 Delta R.T. -0.01 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 118895 |       |       |
| 235     | 64.5  | 43.6   | 83.6  |       |
| 272     | 11.3  | 0.0    | 32.7  |       |



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





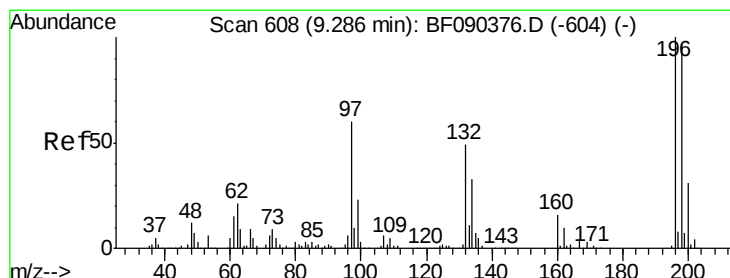
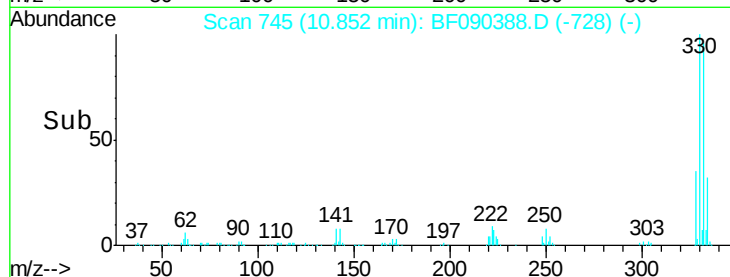
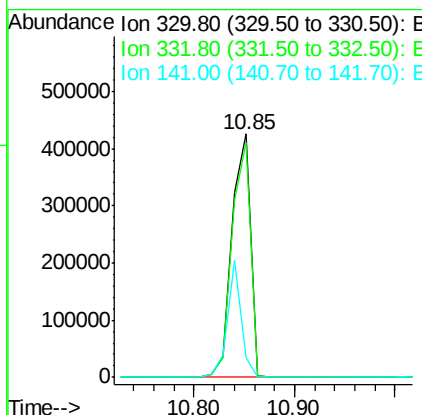
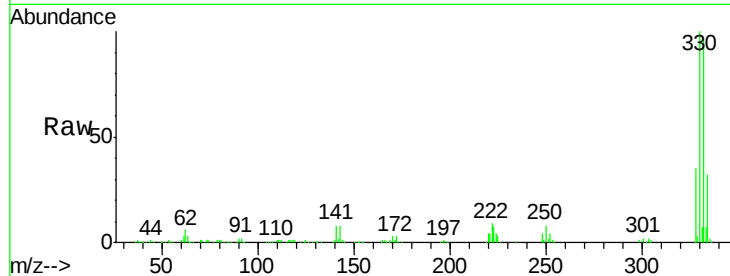
#41  
 2,4,6-Tribromophenol  
 Concen: 139.78 ng  
 RT: 10.85 min Scan# 745  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 75.4  | 113.0 |
| 141     | 36.0  | 26.9  | 40.3  |

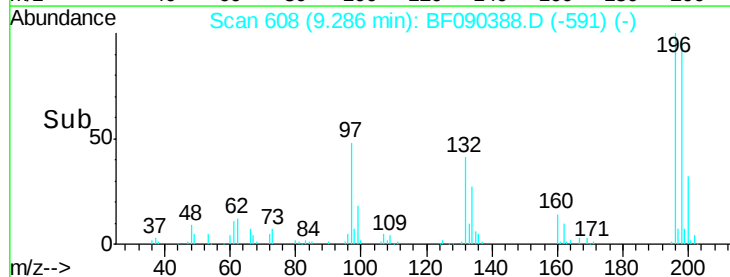
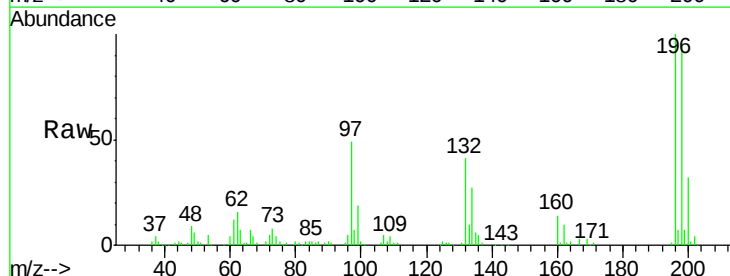
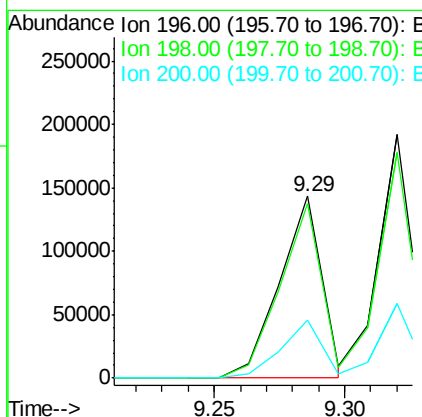
Manual Integrations  
 APPROVED

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 10/6/2016 5:28:38 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 18.53 ng  
 RT: 9.29 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 78.9  | 118.3 |
| 200     | 31.6  | 25.4  | 38.2  |





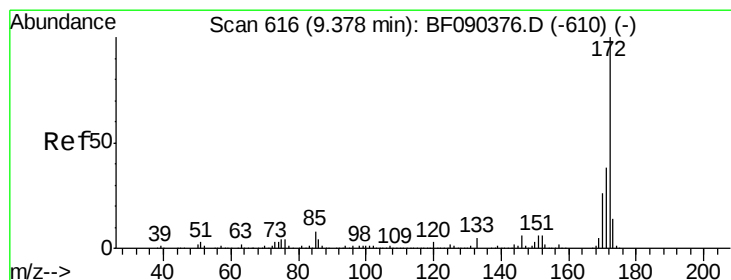
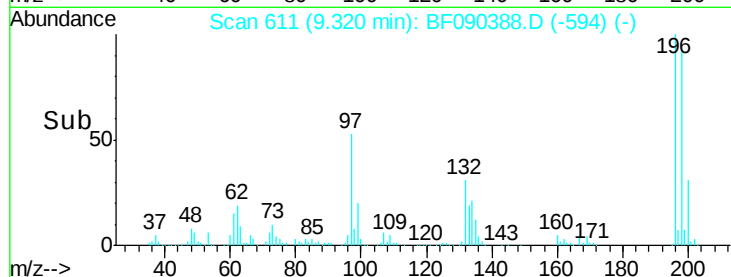
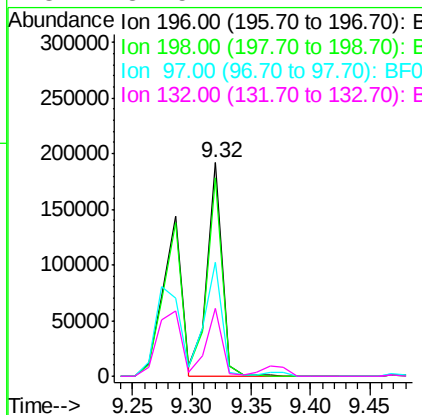
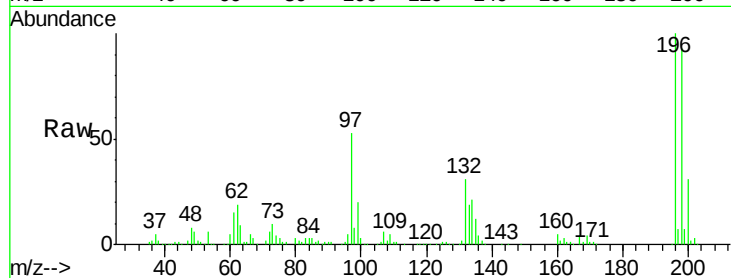
#43  
 2,4,5-Trichlorophenol  
 Concen: 20.55 ng  
 RT: 9.32 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 169552 |       |       |
| 198     | 92.9 | 78.1  | 117.1  |       |       |
| 97      | 53.3 | 48.1  | 72.1   |       |       |
| 132     | 31.5 | 27.4  | 41.2   |       |       |

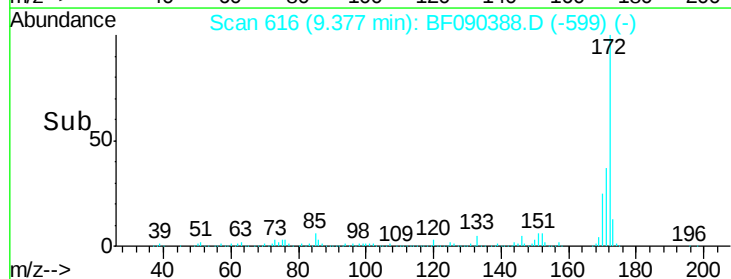
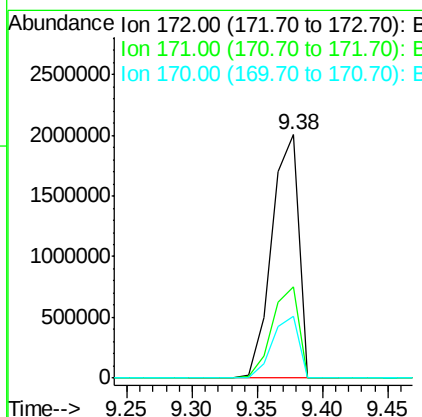
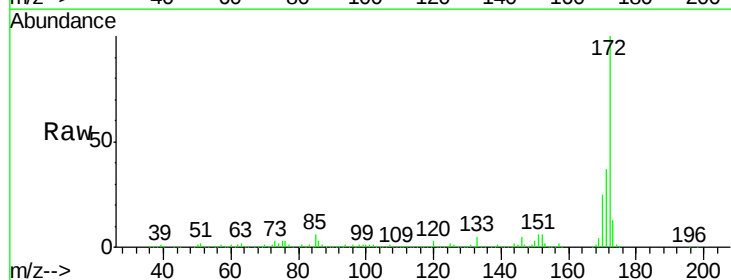
Manual Integrations  
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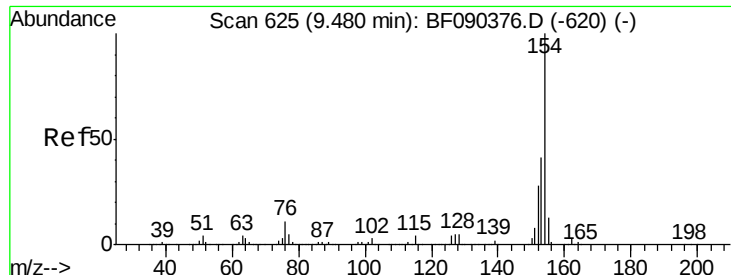
SOHIL  
 10/6/2016 5:28:38 PM



#44  
 2-Fluorobiphenyl  
 Concen: 101.05 ng  
 RT: 9.38 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 2908997 |       |       |
| 171     | 37.3 | 31.8  | 47.8    |       |       |
| 170     | 25.2 | 21.7  | 32.5    |       |       |





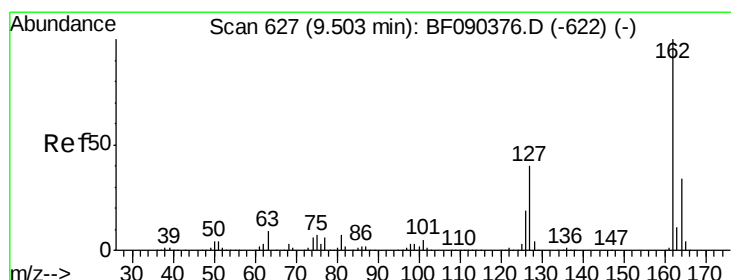
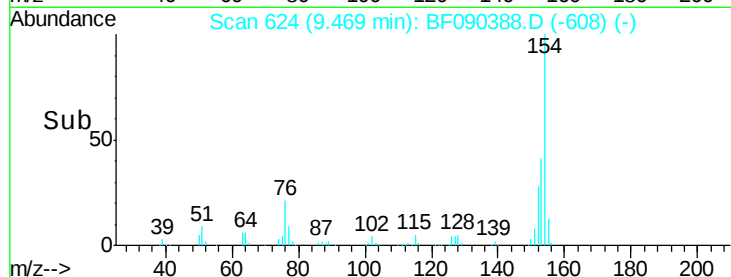
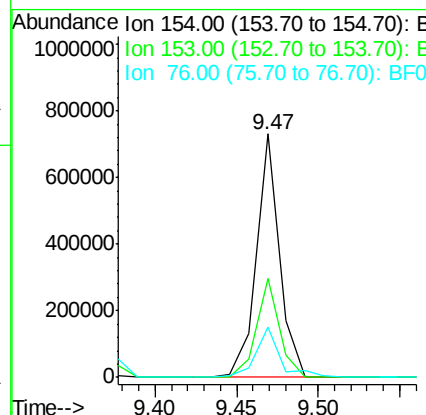
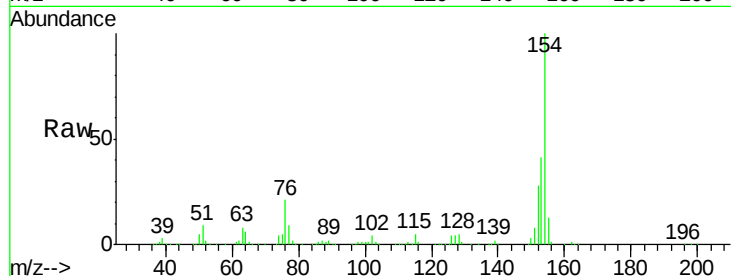
#45  
 1,1'-Biphenyl  
 Concen: 20.12 ng  
 RT: 9.47 min Scan# 624  
 Delta R.T. -0.01 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.9  | 23.8 | 63.8  |       |
| 76      | 20.9  | 0.0  | 35.8  |       |

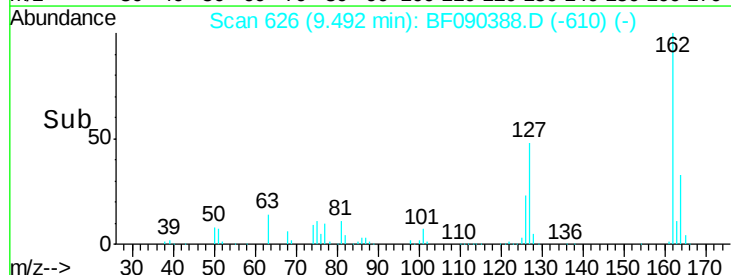
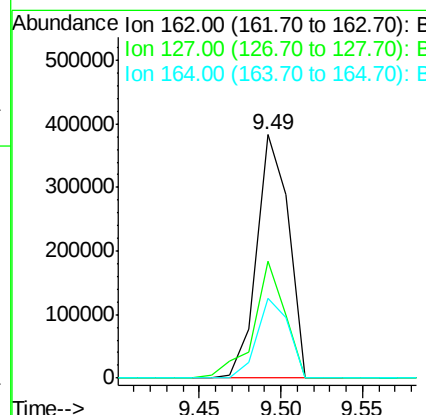
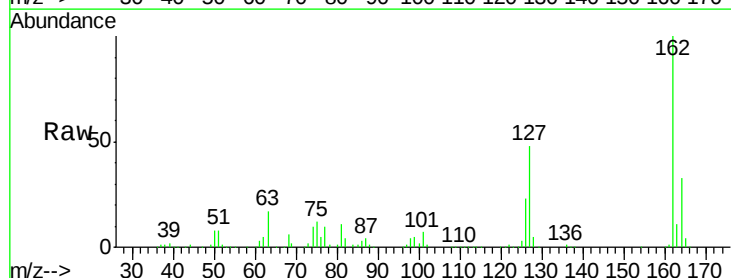
Manual Integrations  
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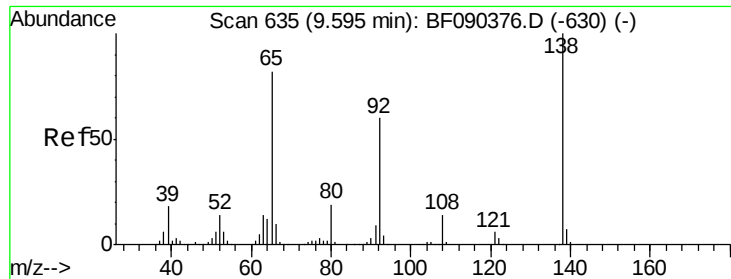
SOHIL  
 10/6/2016 5:28:38 PM



#46  
 2-Chloronaphthalene  
 Concen: 19.71 ng  
 RT: 9.49 min Scan# 626  
 Delta R.T. -0.01 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 47.8  | 35.6 | 53.4  |       |
| 164     | 32.7  | 27.5 | 41.3  |       |





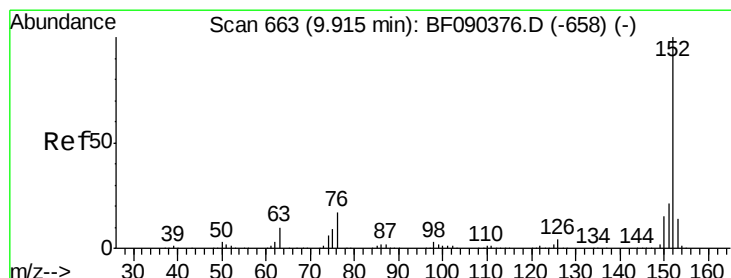
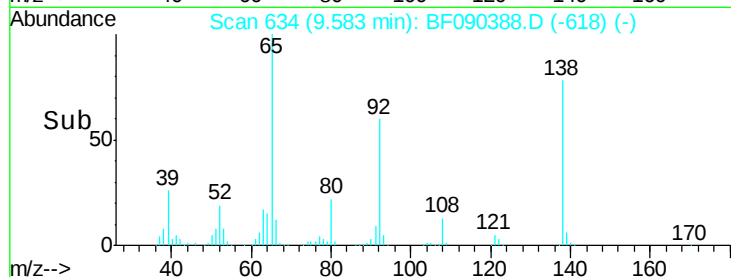
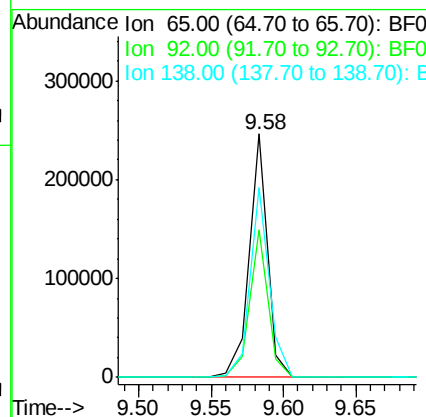
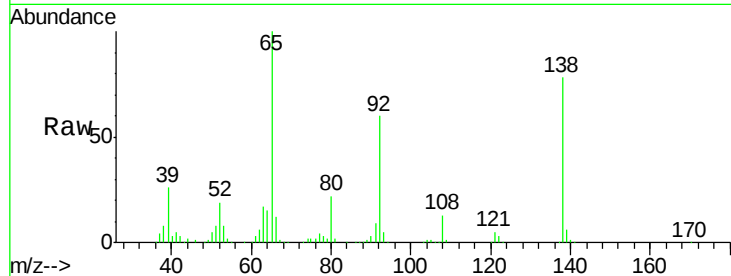
#47  
2-Nitroaniline  
Concen: 20.72 ng  
RT: 9.58 min Scan# 634  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 60.5  | 51.7  | 77.5   |
| 138     | 77.8  | 79.0  | 118.4# |

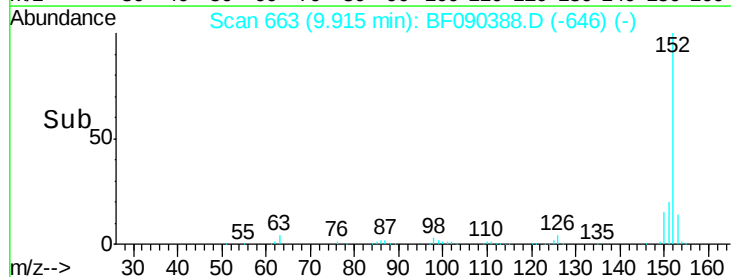
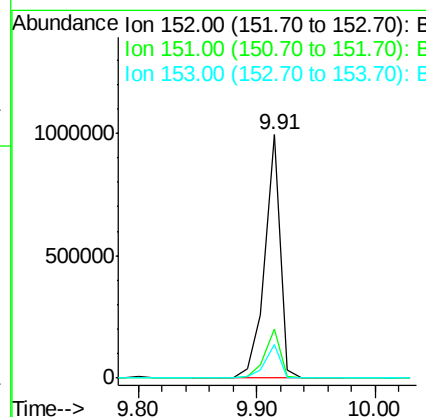
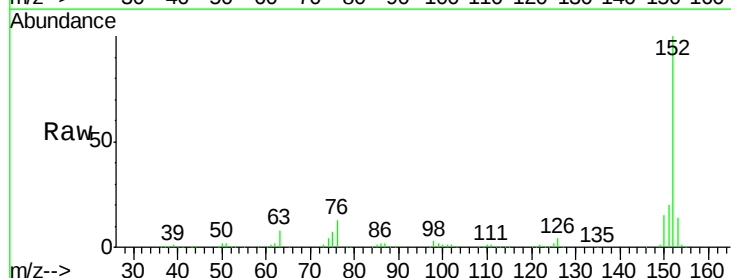
Manual Integrations  
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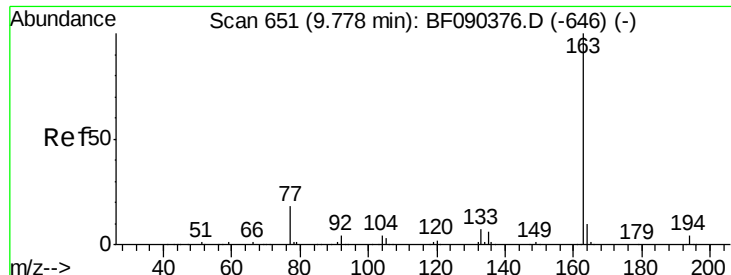
SOHIL  
10/6/2016 5:28:38 PM



#48  
Acenaphthylene  
Concen: 21.04 ng  
RT: 9.91 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.4  | 17.4  | 26.0  |
| 153     | 13.6  | 11.6  | 17.4  |





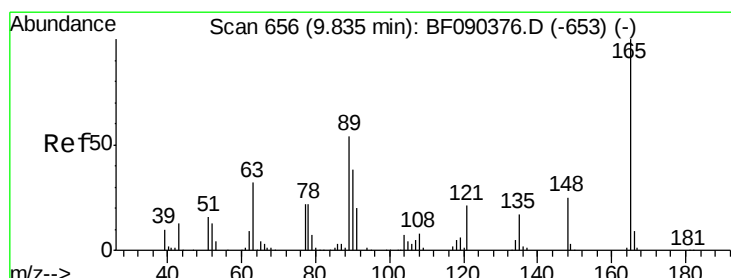
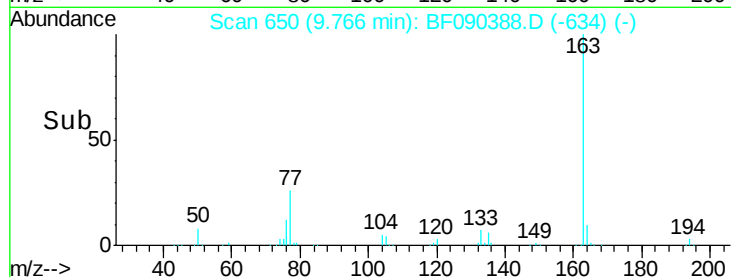
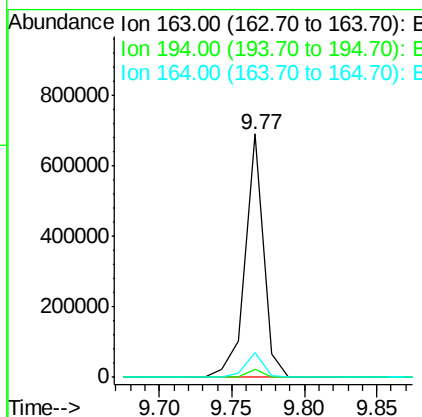
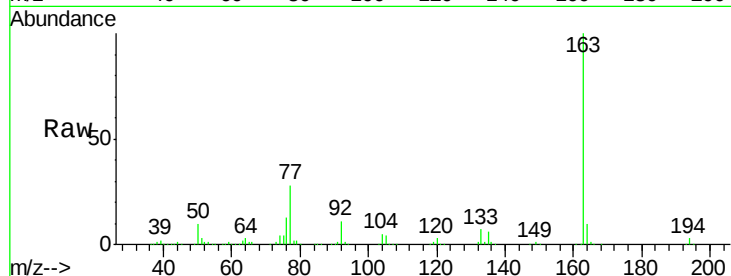
#49  
Dimethylphthalate  
Concen: 19.78 ng  
RT: 9.77 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 607635 |       |       |
| 194     | 3.2   |        | 2.8   | 4.2   |
| 164     | 10.3  |        | 9.0   | 13.4  |

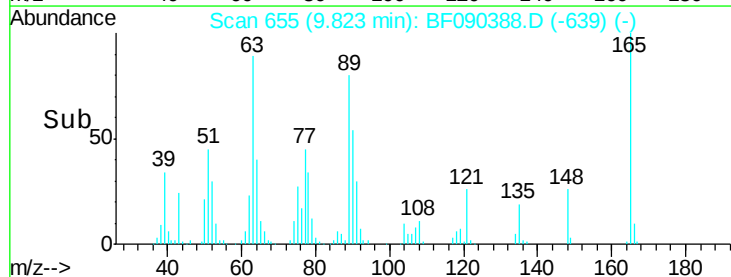
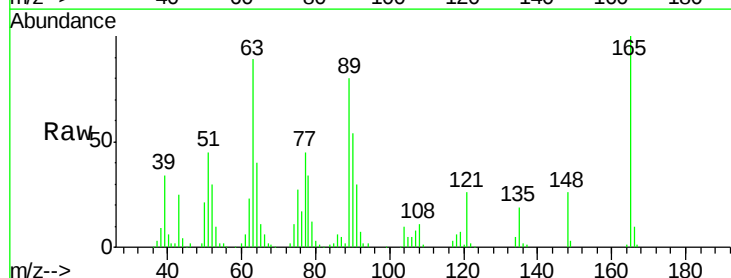
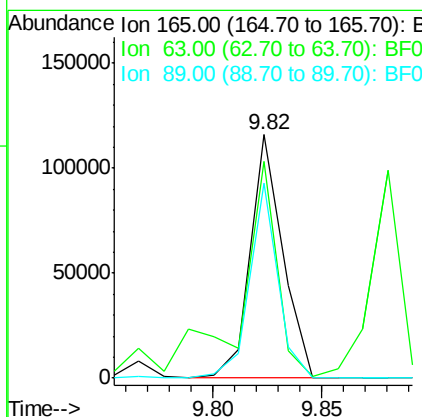
Manual Integrations  
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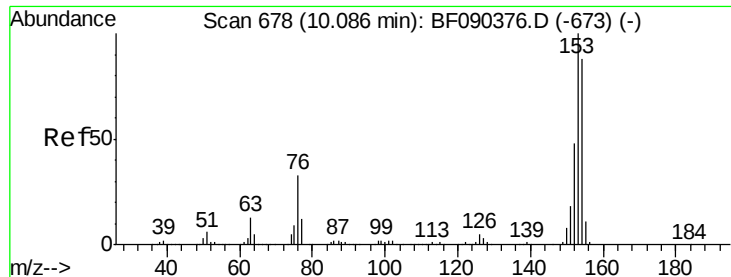
SOHIL  
10/6/2016 5:28:38 PM



#50  
2,6-Dinitrotoluene  
Concen: 17.66 ng  
RT: 9.82 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 120432 |       |       |
| 63      | 89.2  |        | 58.0  | 87.0# |
| 89      | 80.0  |        | 51.2  | 76.8# |





#51

Acenaphthene

Concen: 20.80 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

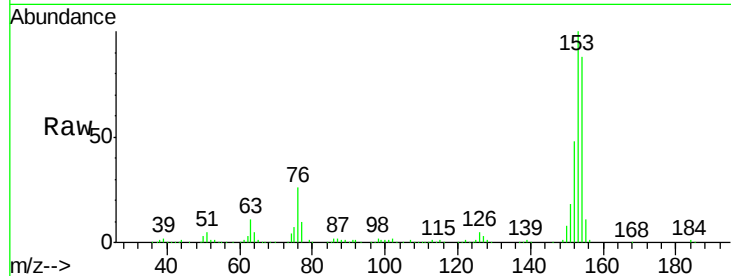
ClientSampleId :

LOQ-WATER2016-06-QT4

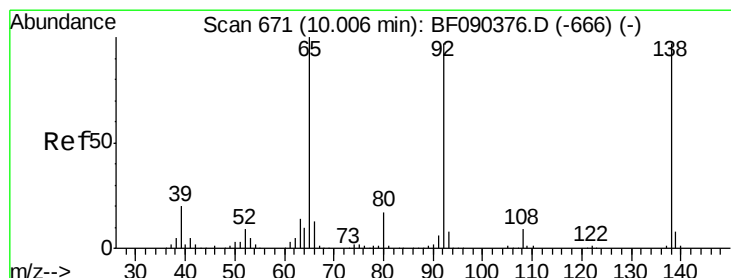
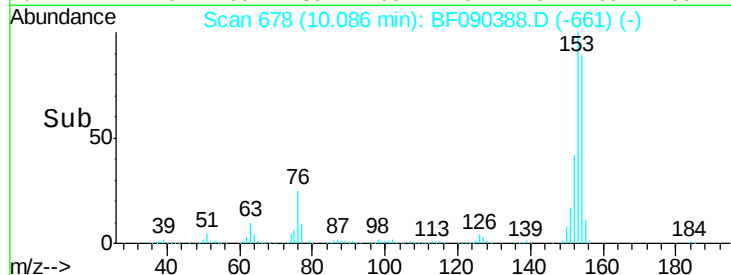
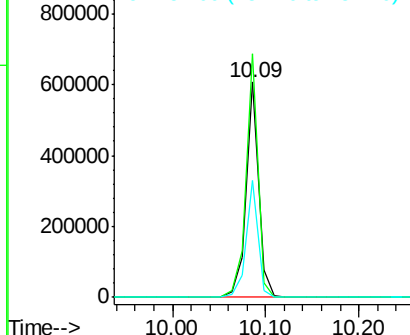
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 562086 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.1 | 88.6  | 133.0  |
| 152       | 54.0  | 42.6  | 64.0   |

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



#52

3-Nitroaniline

Concen: 17.96 ng

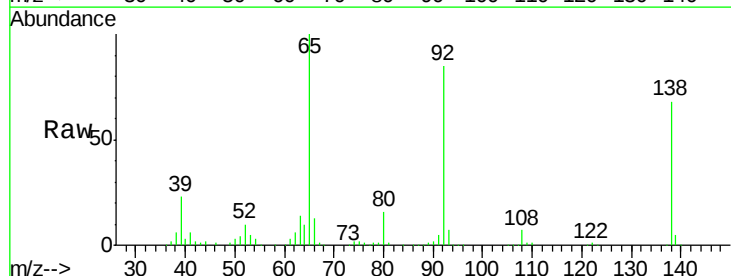
RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

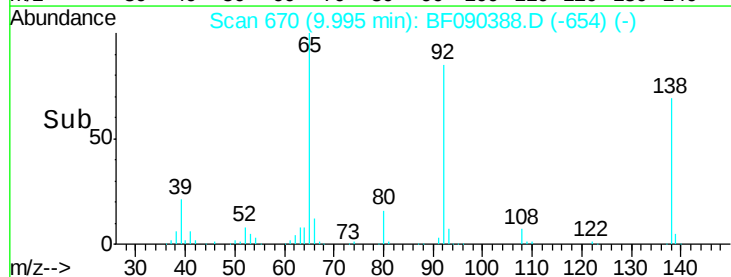
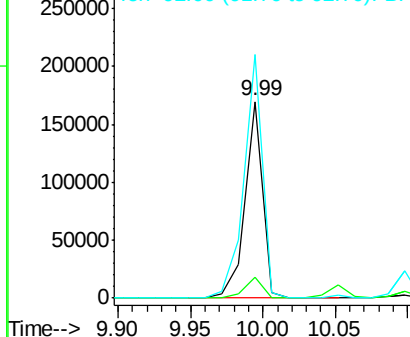
Lab File: BF090388.D

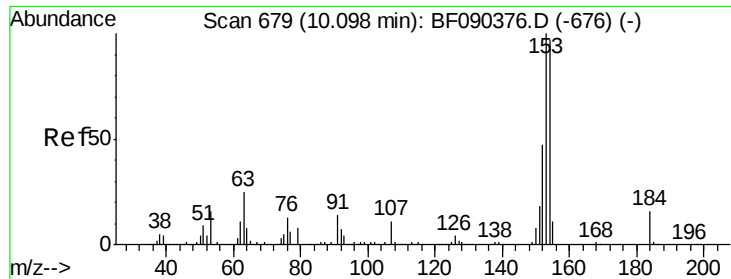
Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 143120 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.6  | 9.7   | 14.5   |
| 92        | 123.9 | 97.1  | 145.7  |



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





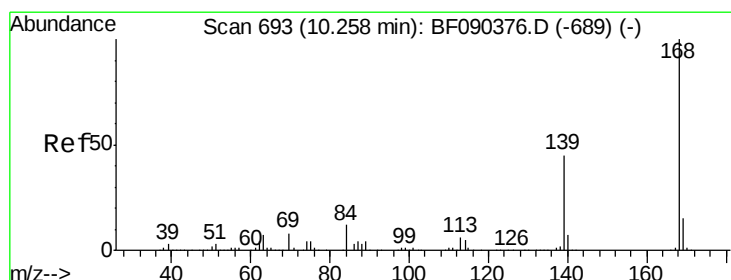
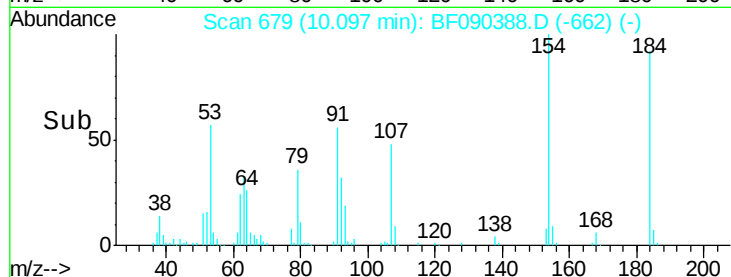
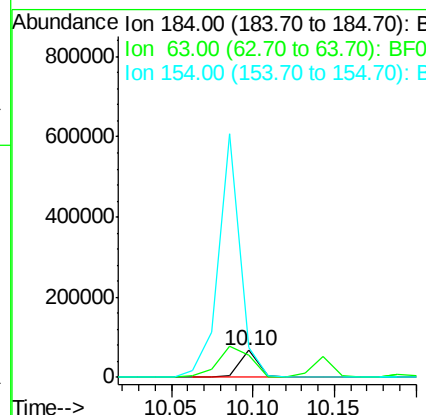
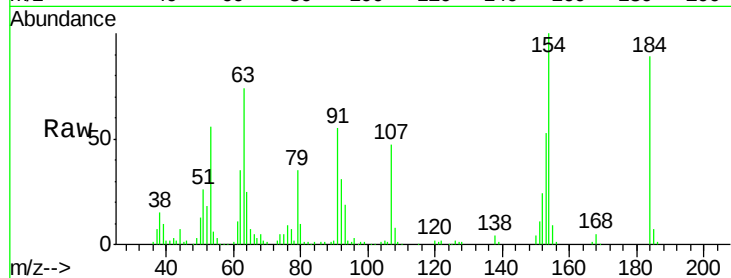
#53  
 2,4-Dinitrophenol  
 Concen: 17.75 ng  
 RT: 10.10 min Scan# 679  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 53970 |       |       |
| 63      | 83.6  | 41.9  | 62.9# |       |
| 154     | 112.5 | 48.9  | 73.3# |       |

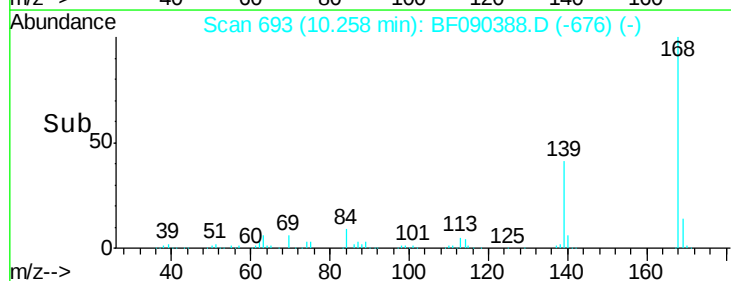
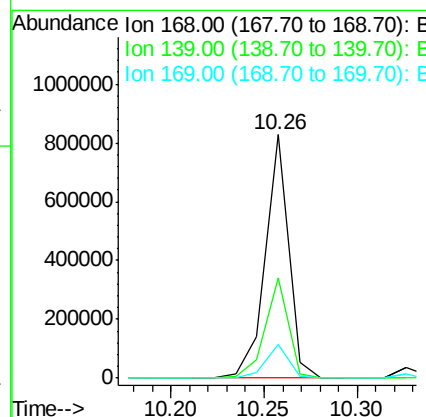
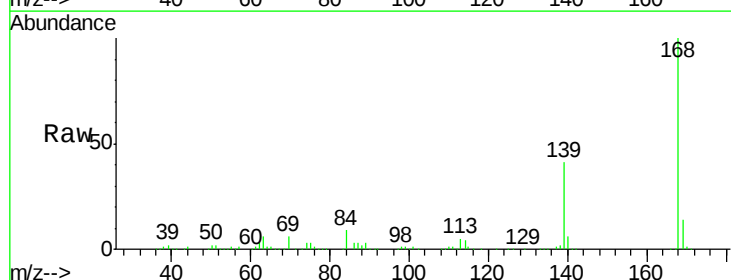
Manual Integrations  
 APPROVED

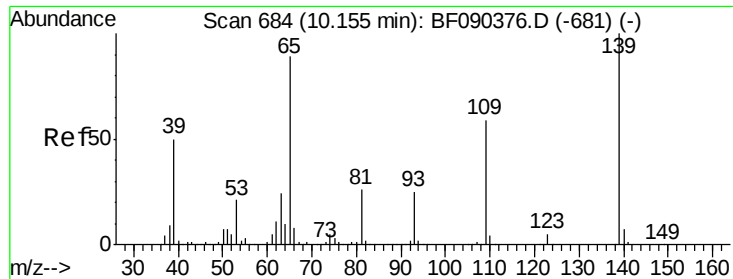
SOHIL  
 10/6/2016 5:28:38 PM



#54  
 Dibenzofuran  
 Concen: 20.38 ng  
 RT: 10.26 min Scan# 693  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 712758 |       |       |
| 139     | 41.0  | 29.6   | 44.4  |       |
| 169     | 13.8  | 11.3   | 16.9  |       |





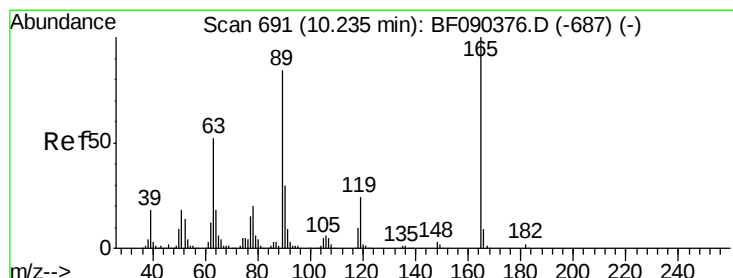
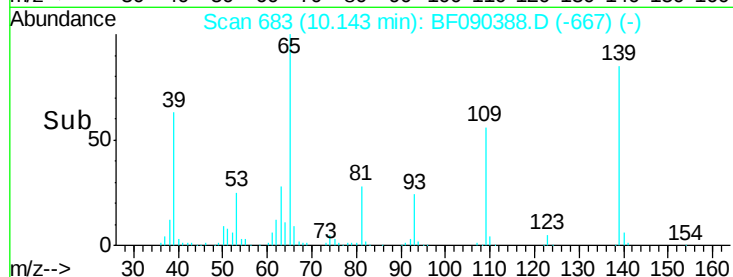
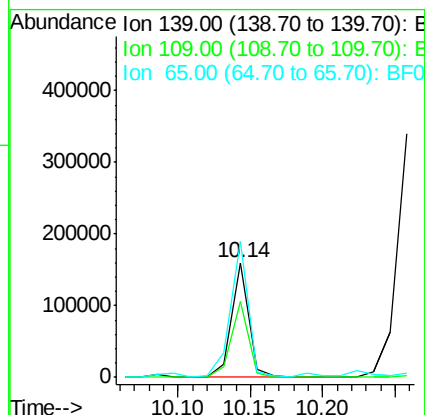
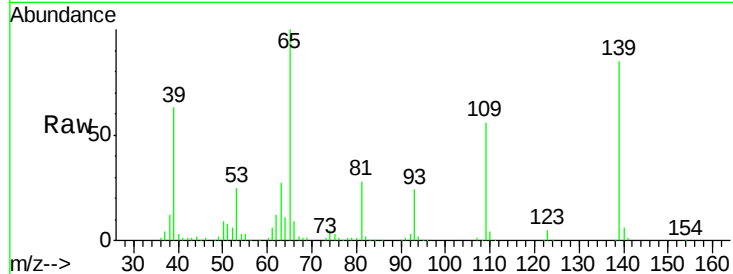
#55  
4-Nitrophenol  
Concen: 19.34 ng  
RT: 10.14 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.2  | 43.6  | 83.6  |
| 65      | 118.2 | 87.5  | 127.5 |

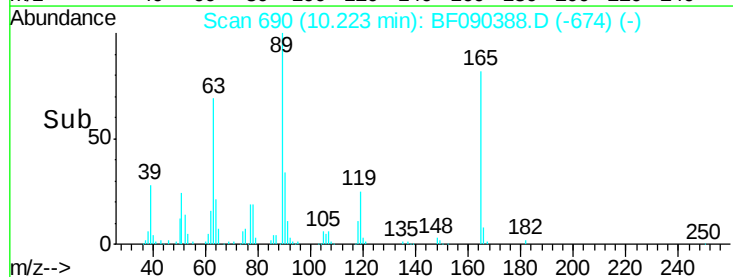
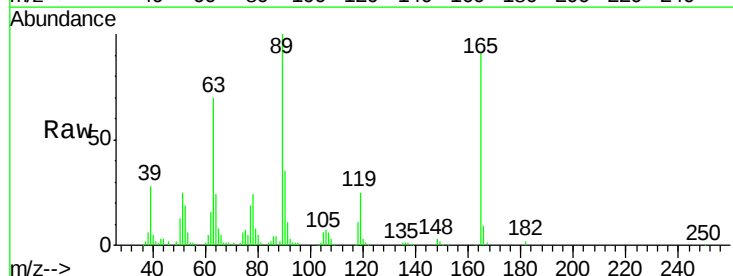
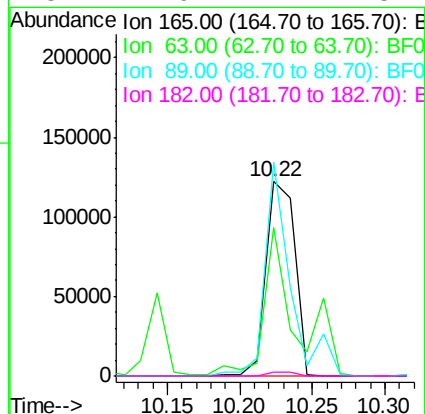
Manual Integrations  
APPROVED

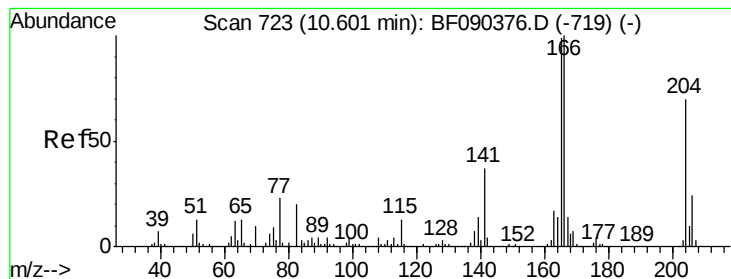
SOHIL  
10/6/2016 5:28:38 PM



#56  
2,4-Dinitrotoluene  
Concen: 18.52 ng  
RT: 10.22 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 76.6  | 17.8  | 26.6# |
| 89      | 109.9 | 33.2  | 49.8# |
| 182     | 1.9   | 2.1   | 3.1#  |





#57

Fluorene

Concen: 20.54 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

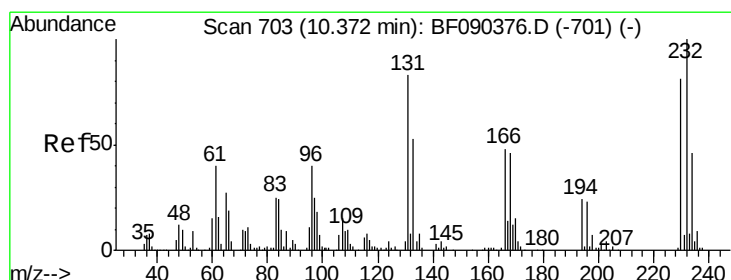
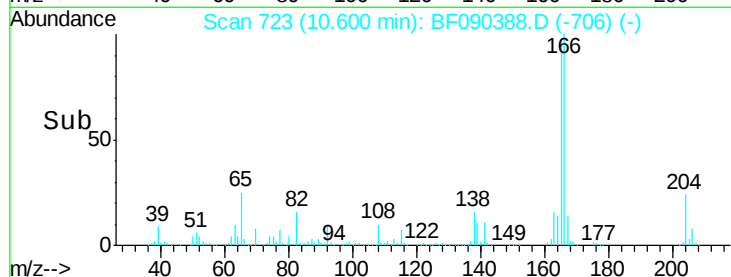
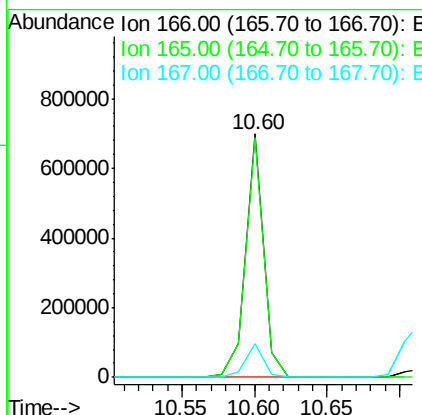
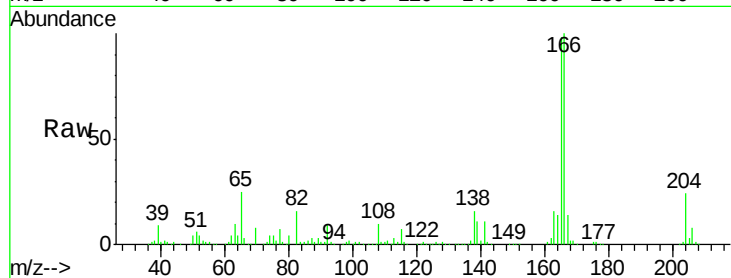
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 603711 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.4  | 79.2  | 118.8  |
| 167       | 13.8  | 11.1  | 16.7   |

Manual Integrations  
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10/6/2016 5:28:38 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.98 ng

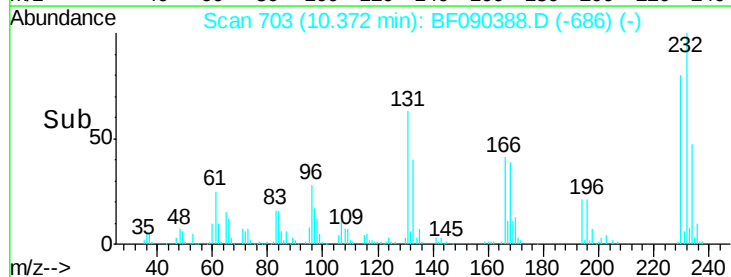
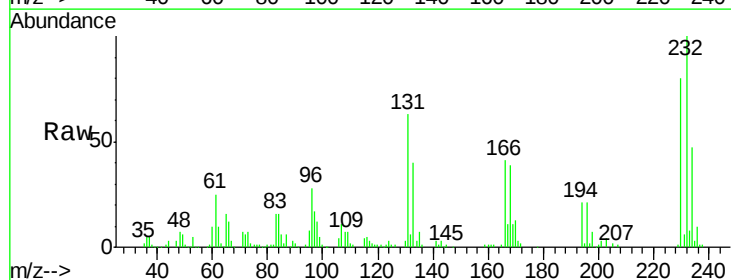
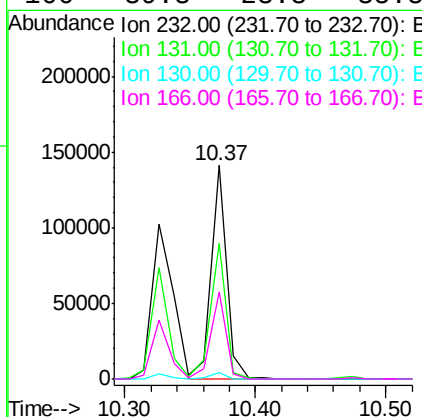
RT: 10.37 min Scan# 703

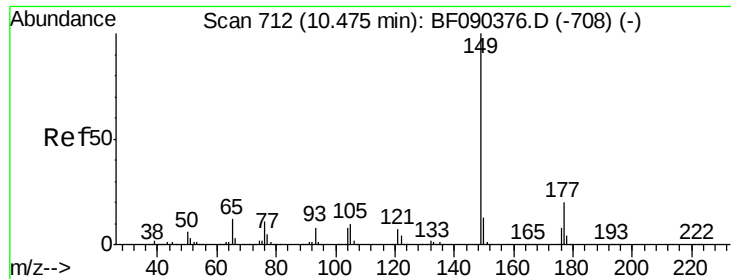
Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 116978 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 62.8  | 34.5  | 51.7#  |
| 130       | 3.1   | 1.6   | 2.4#   |
| 166       | 39.3  | 23.8  | 35.8#  |





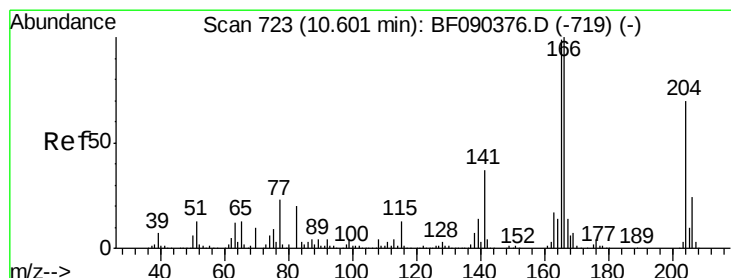
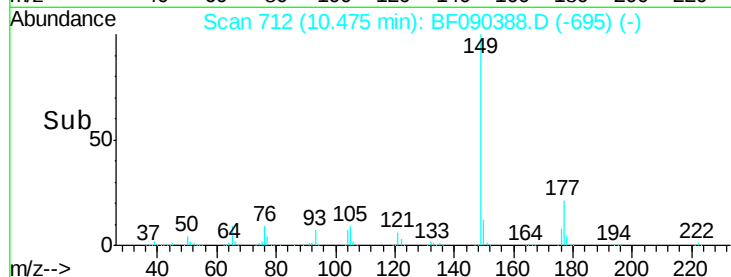
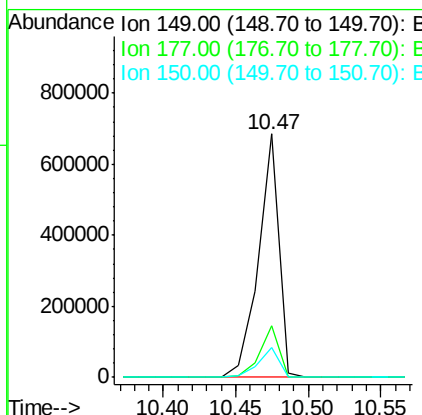
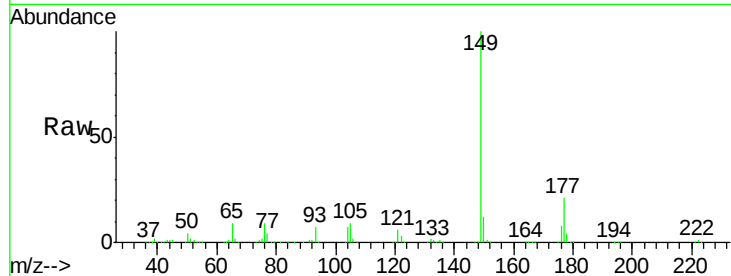
#59  
Diethylphthalate  
Concen: 21.02 ng  
RT: 10.47 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.0  | 21.1  | 31.7# |
| 150     | 12.3  | 10.2  | 15.2  |

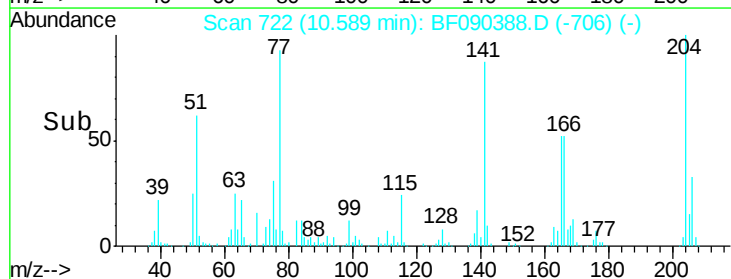
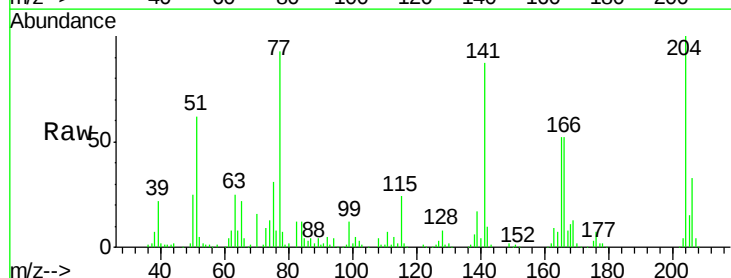
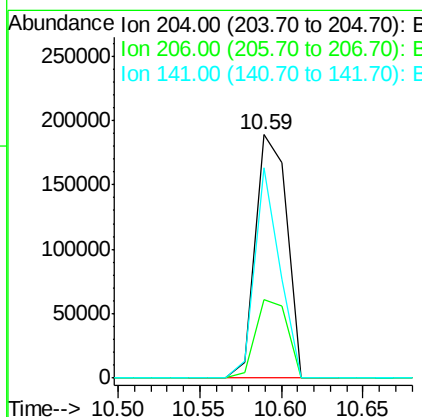
Manual Integrations  
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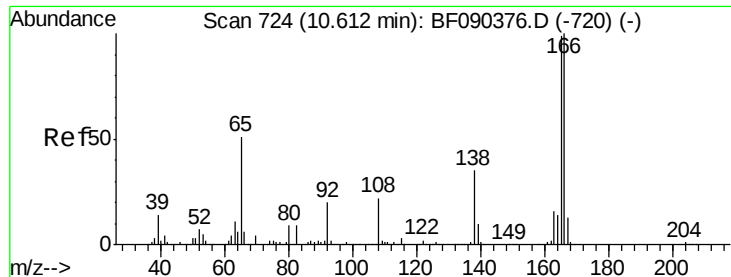
SOHIL  
10/6/2016 5:28:38 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 18.98 ng  
RT: 10.59 min Scan# 722  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 26.7  | 40.1  |
| 141     | 86.6  | 51.7  | 77.5# |





#61

4-Nitroaniline

Concen: 19.28 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

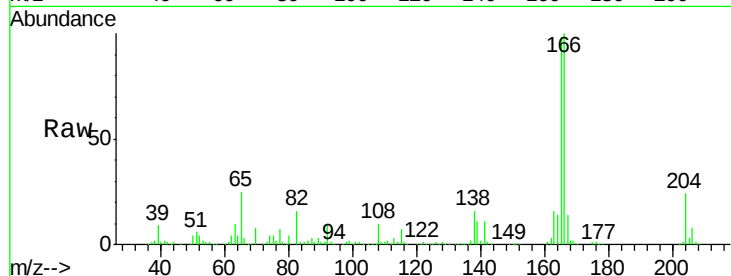
ClientSampleId :

LOQ-WATER2016-06-QT4

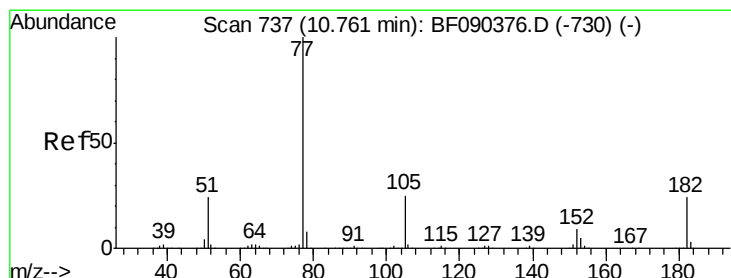
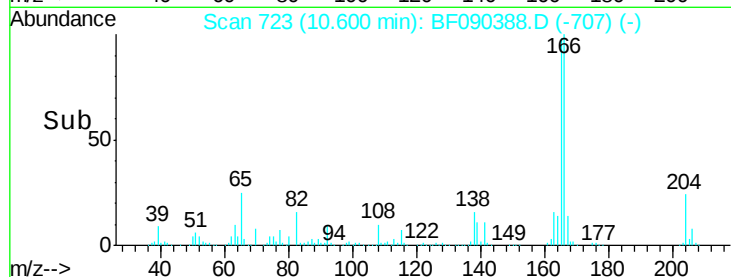
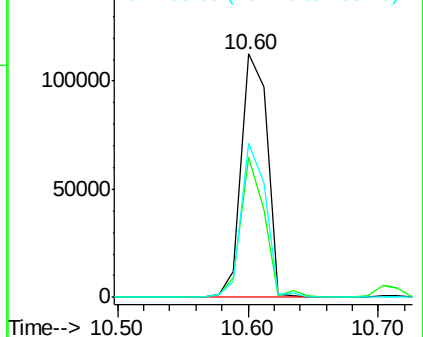
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 154773 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 57.5  | 33.2  | 73.2   |
| 108       | 63.2  | 48.5  | 88.5   |

Manual Integrations  
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10/6/2016 5:28:38 PM



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 18.66 ng

RT: 10.75 min Scan# 736

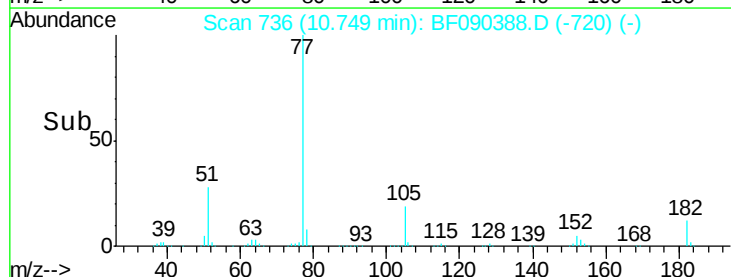
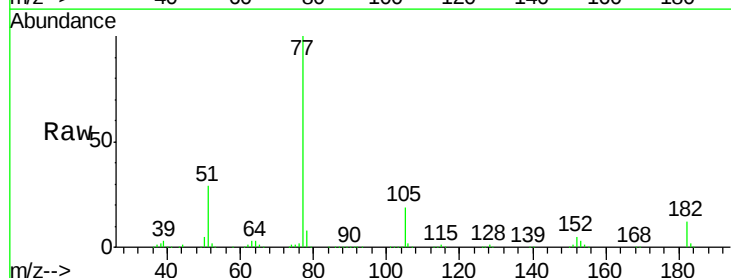
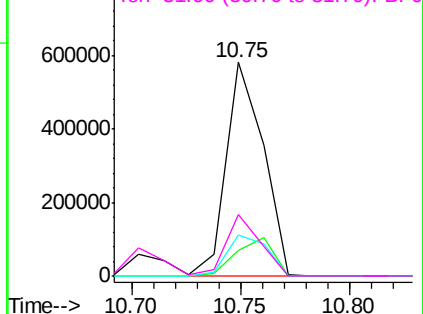
Delta R.T. -0.01 min

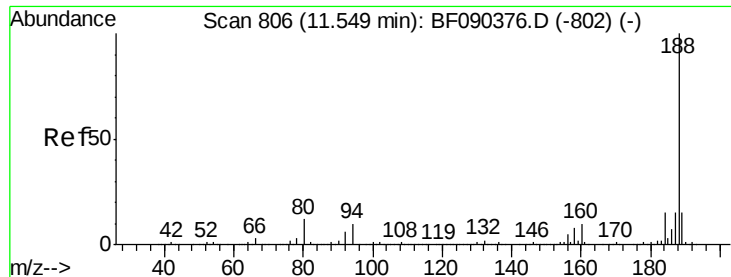
Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 685083 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 12.0  | 3.2   | 43.2   |
| 105       | 19.4  | 2.9   | 42.9   |
| 51        | 28.6  | 14.2  | 54.2   |

Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





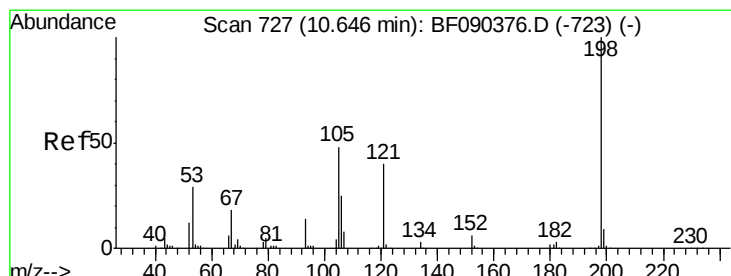
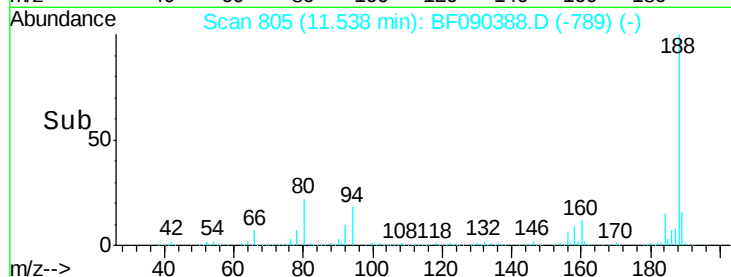
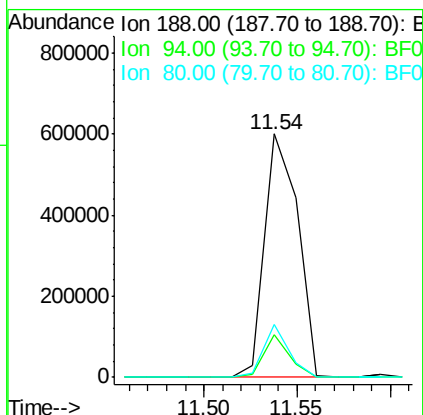
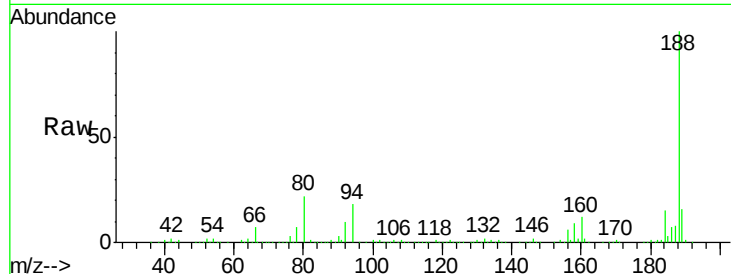
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.54 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 17.7  | 8.2  | 12.2# |       |
| 80      | 21.9  | 8.8  | 13.2# |       |

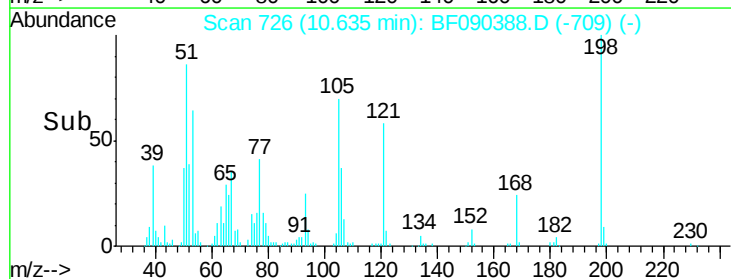
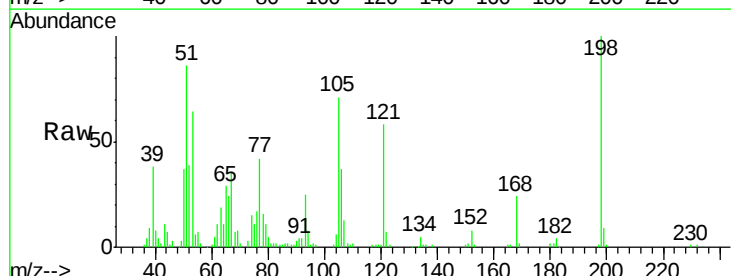
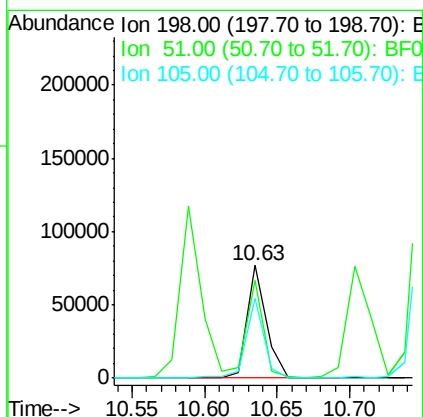
Manual Integrations  
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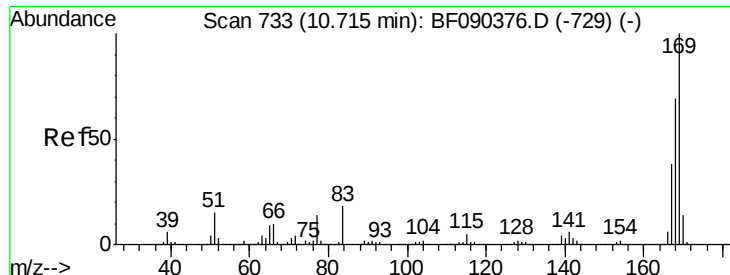
SOHIL  
10/6/2016 5:28:38 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.15 ng  
RT: 10.63 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 86.4  | 67.3 | 107.3 |       |
| 105     | 71.0  | 42.6 | 82.6  |       |





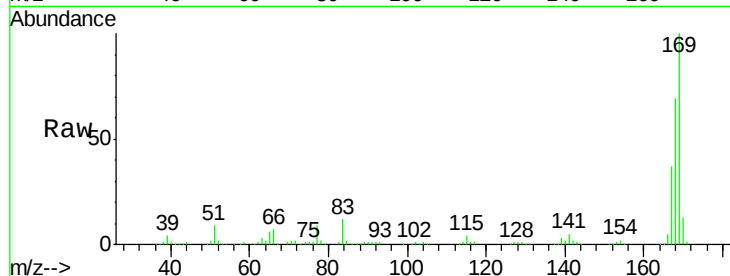
#65  
n-Nitrosodiphenylamine  
Concen: 20.33 ng  
RT: 10.71 min Scan# 733  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

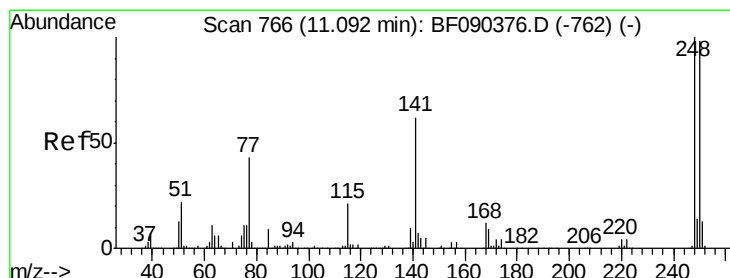
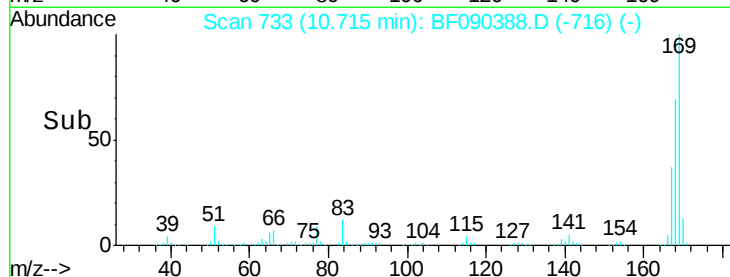
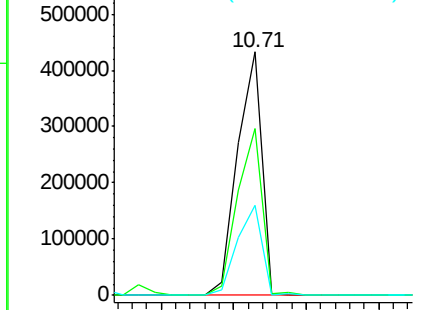
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 503424 |       |       |
| 168     | 68.5  |        | 53.8  | 80.6  |
| 167     | 36.8  |        | 29.8  | 44.8  |

Manual Integrations  
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10/6/2016 5:28:38 PM



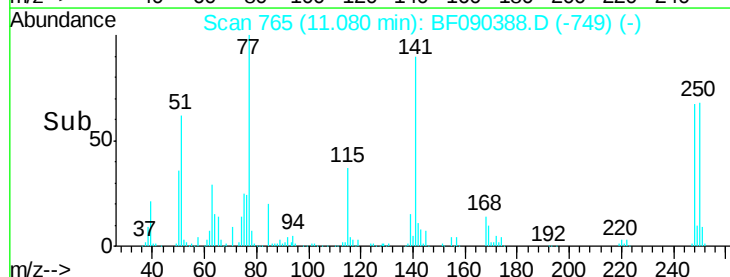
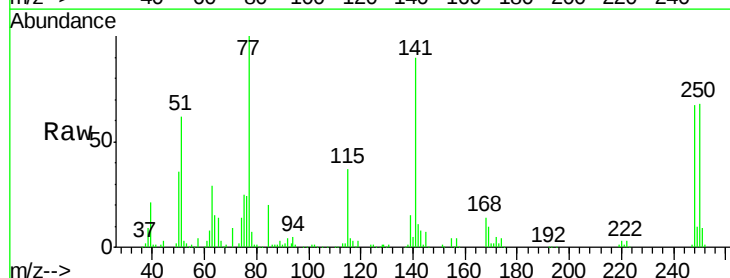
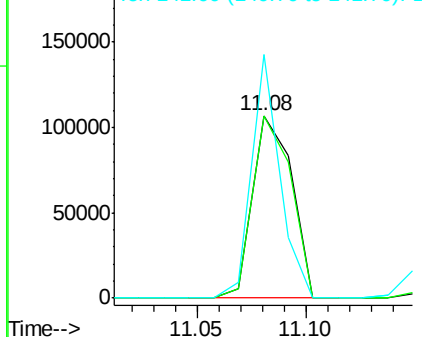
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

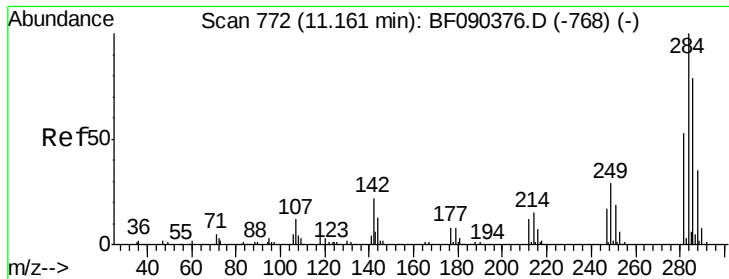


#66  
4-Bromophenyl-phenylether  
Concen: 18.59 ng  
RT: 11.08 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 134658 |       |       |
| 250     | 100.2 |        | 76.5  | 114.7 |
| 141     | 133.5 |        | 59.8  | 89.6# |

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: 19.02 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

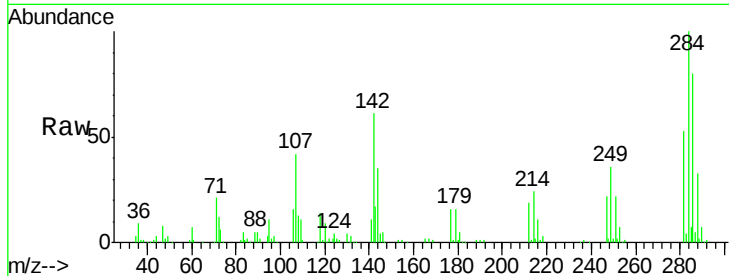
ClientSampleId :

LOQ-WATER2016-06-QT4

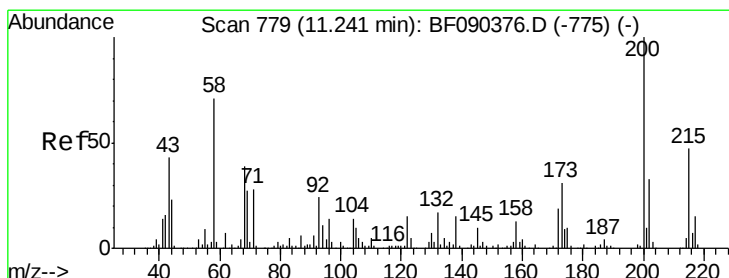
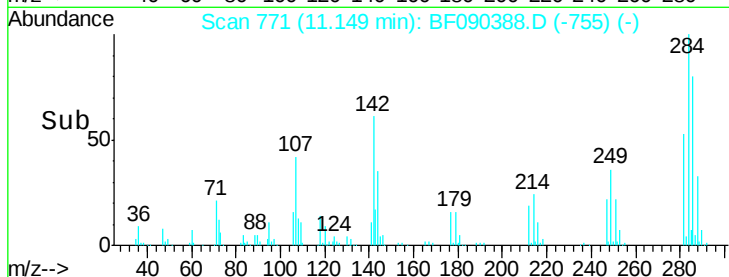
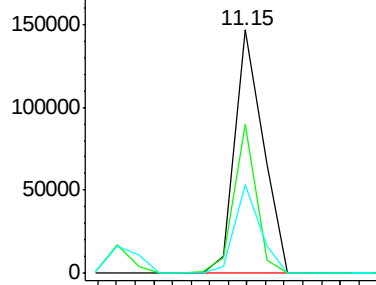
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 153428 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 61.0  | 23.1  | 34.7#  |
| 249       | 36.4  | 26.3  | 39.5   |

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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 17.69 ng

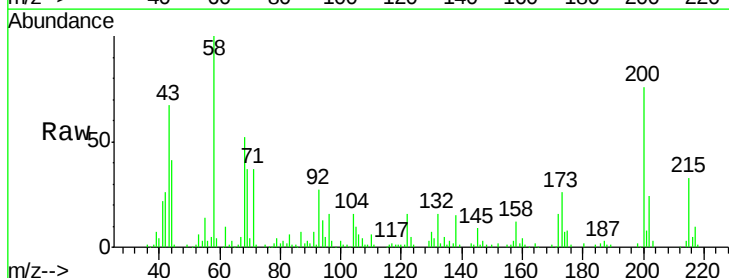
RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

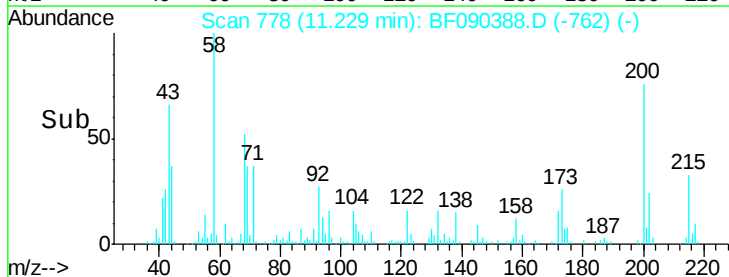
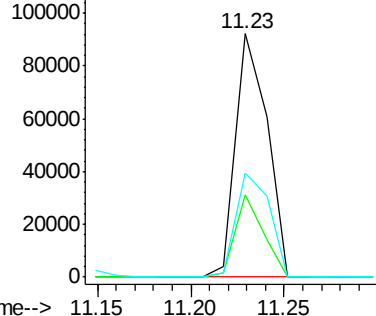
Lab File: BF090388.D

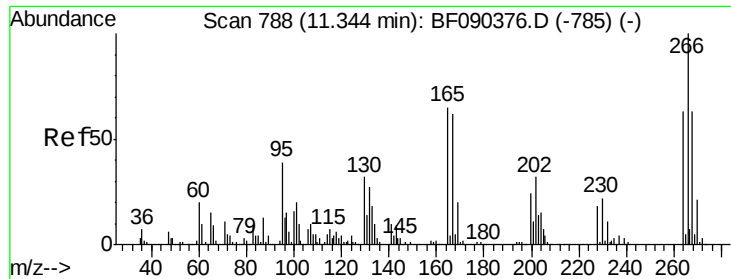
Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 107978 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 33.8  | 9.0   | 49.0   |
| 215       | 43.0  | 24.8  | 64.8   |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





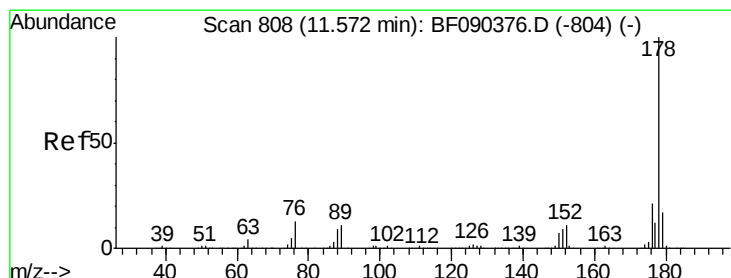
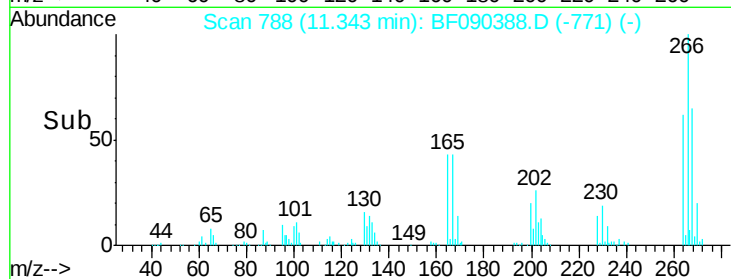
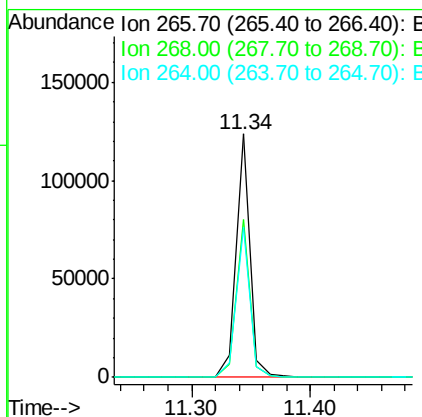
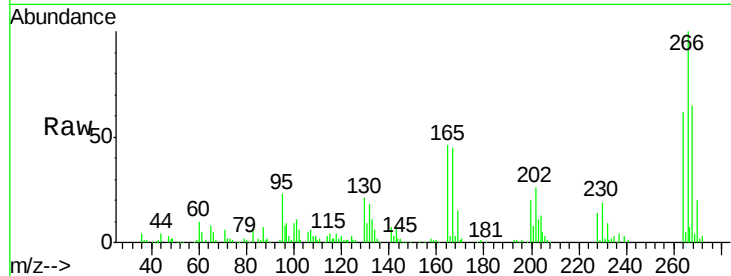
#69  
 Pentachlorophenol  
 Concen: 20.99 ng  
 RT: 11.34 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.6  | 50.9  | 76.3  |
| 264     | 61.9  | 51.5  | 77.3  |

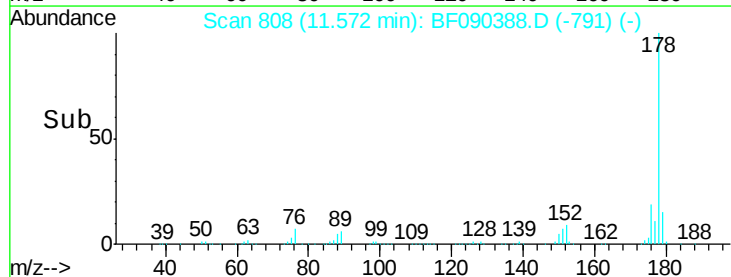
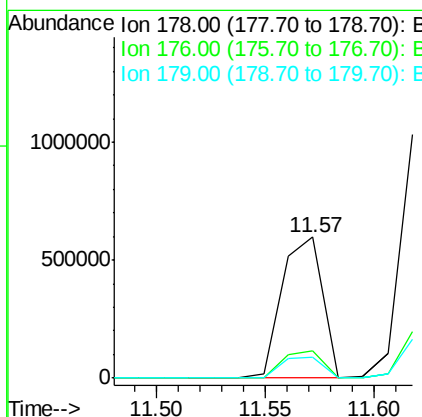
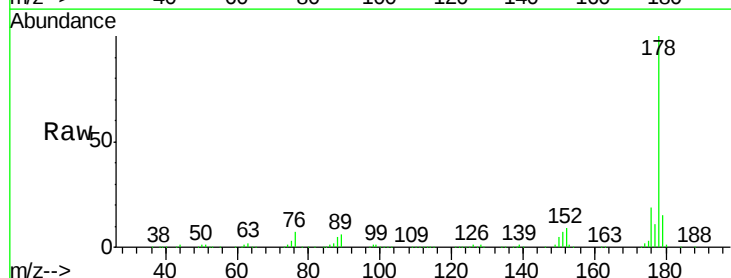
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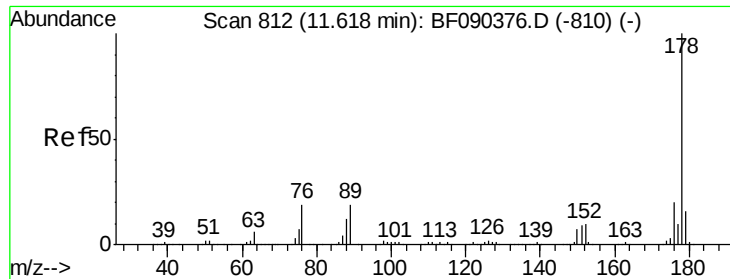
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#70  
 Phenanthrene  
 Concen: 20.69 ng  
 RT: 11.57 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 17.3  | 25.9  |
| 179     | 15.2  | 13.8  | 20.6  |





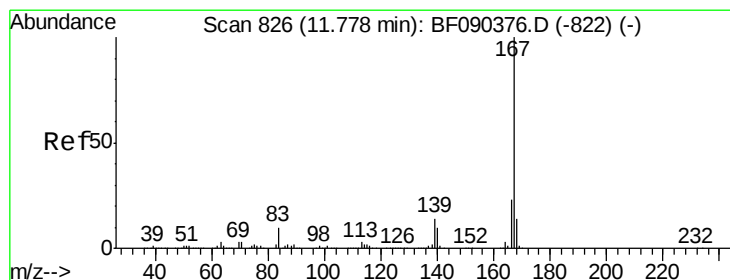
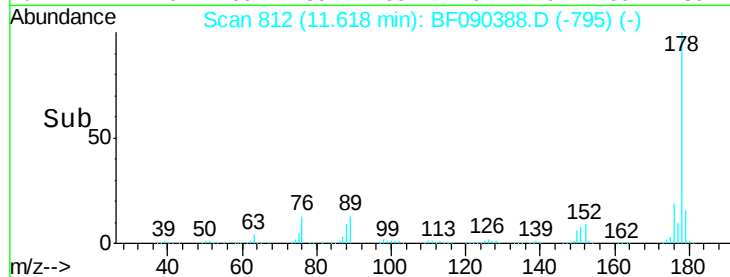
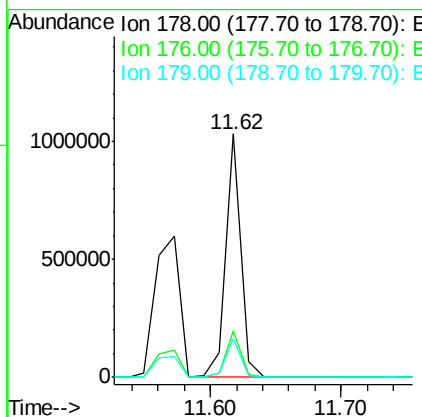
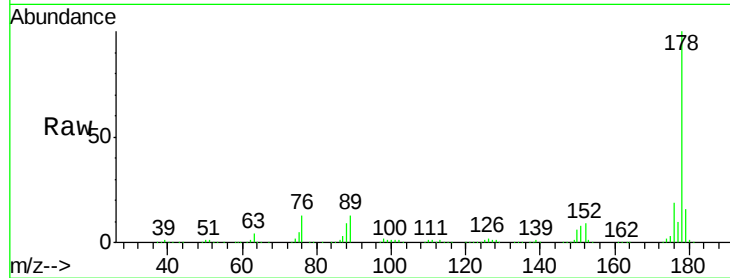
#71  
 Anthracene  
 Concen: 21.54 ng  
 RT: 11.62 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.8  | 25.2  |
| 179     | 15.8  | 13.4  | 20.2  |

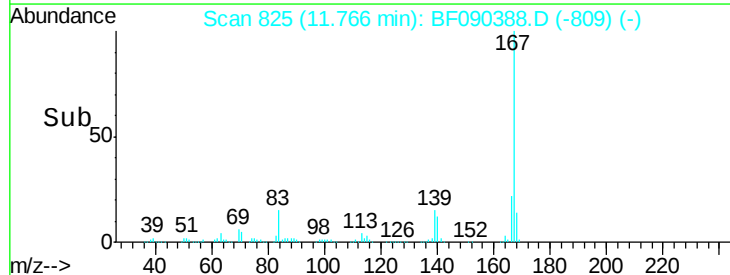
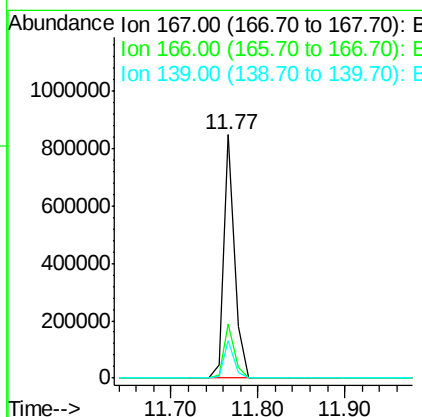
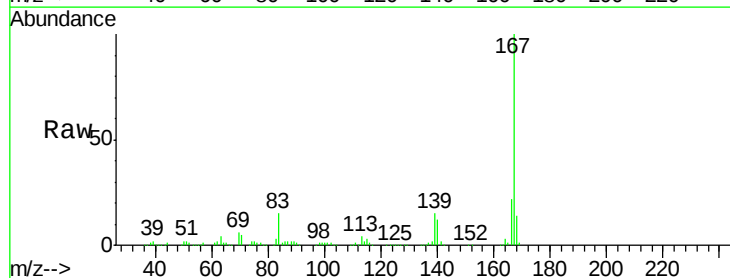
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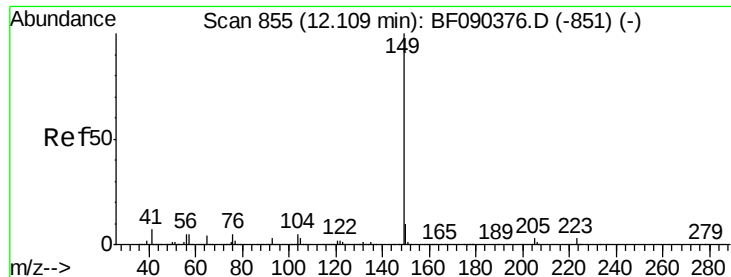
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#72  
 Carbazole  
 Concen: 20.73 ng  
 RT: 11.77 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 19.1  | 28.7  |
| 139     | 15.3  | 12.1  | 18.1  |





#73

Di-n-butylphthalate

Concen: 22.20 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

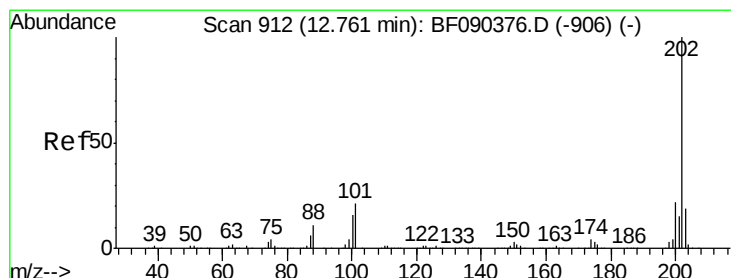
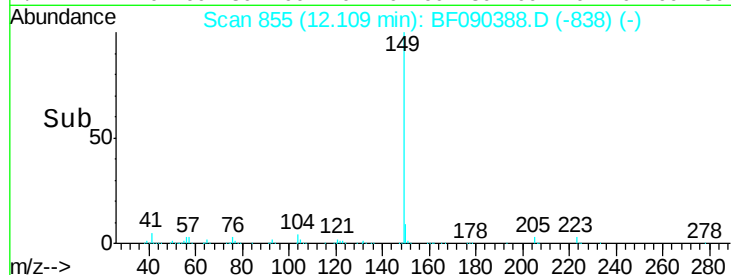
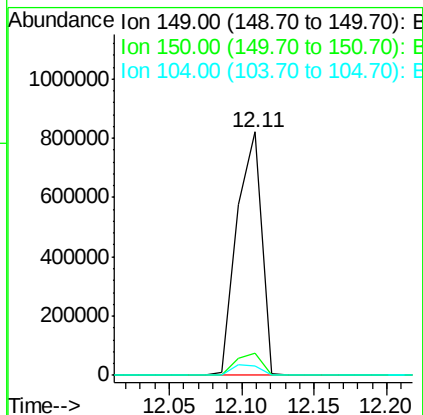
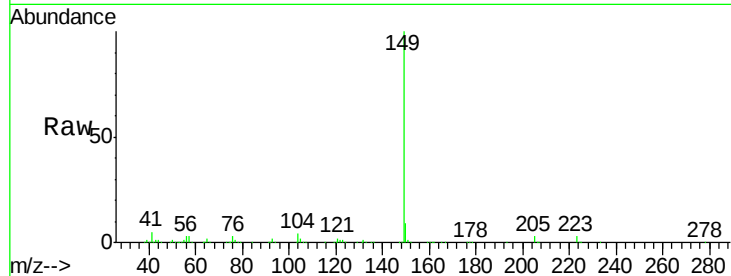
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 969902 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 8.6   | 12.8   |
| 104       | 3.9   | 4.7   | 7.1#   |

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#74

Fluoranthene

Concen: 21.28 ng

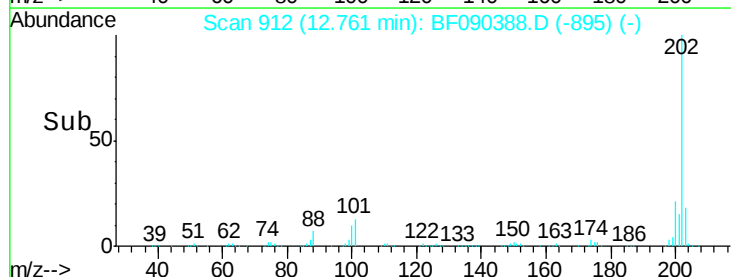
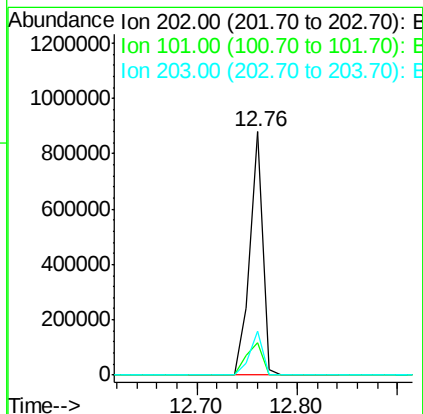
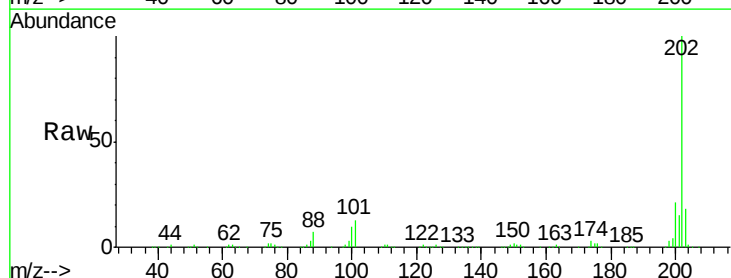
RT: 12.76 min Scan# 912

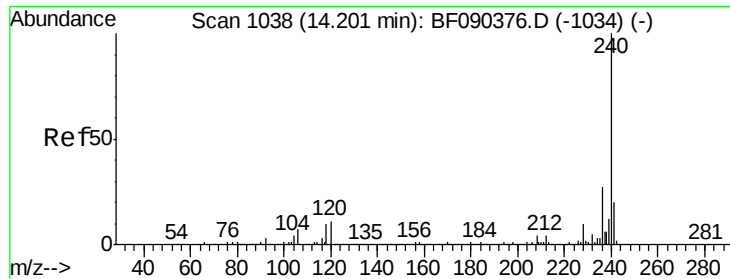
Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 789708 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.2  | 0.0   | 37.2   |
| 203       | 17.8  | 0.0   | 39.3   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

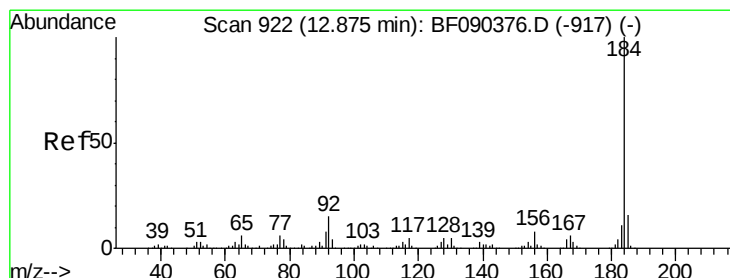
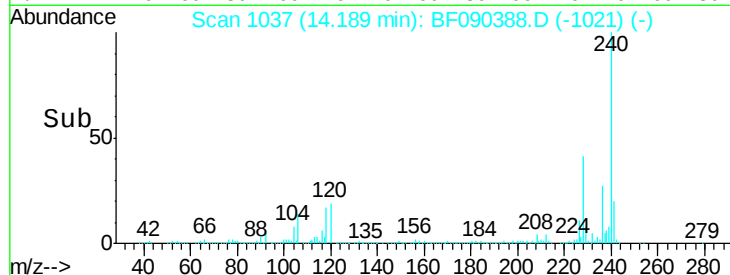
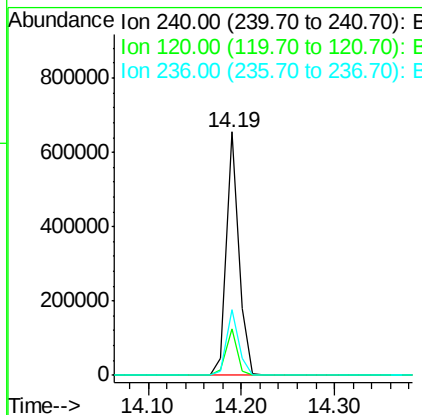
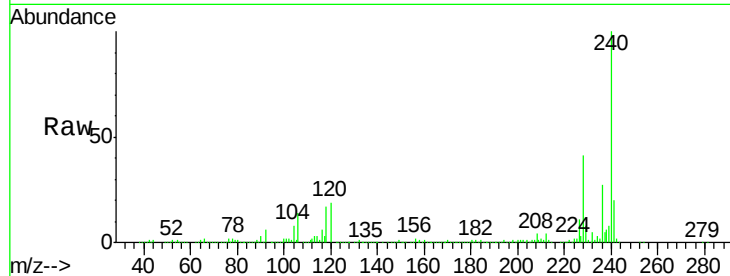
ClientSampleId :

LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 19.2  | 8.6   | 13.0  |
| 236     | 27.1  | 21.6  | 32.4  |

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#76

Benzidine

Concen: 14.97 ng

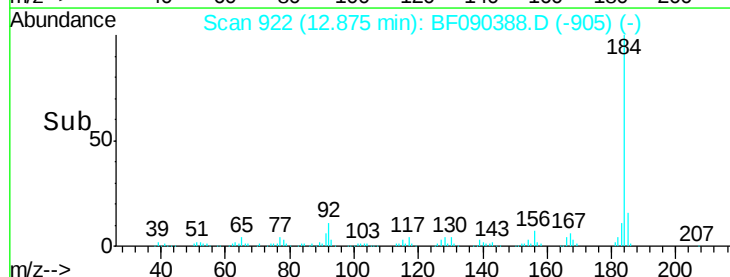
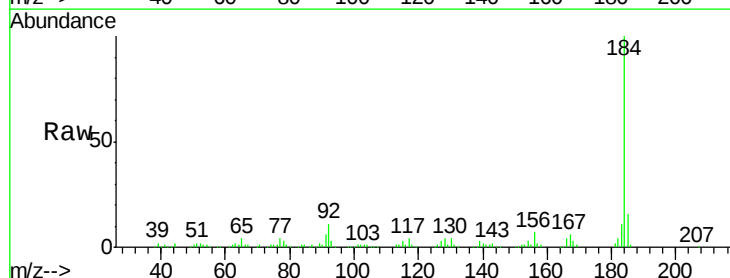
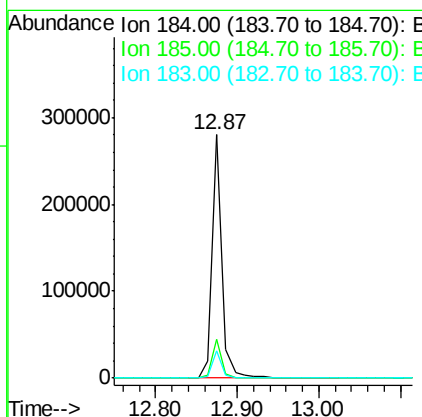
RT: 12.87 min Scan# 922

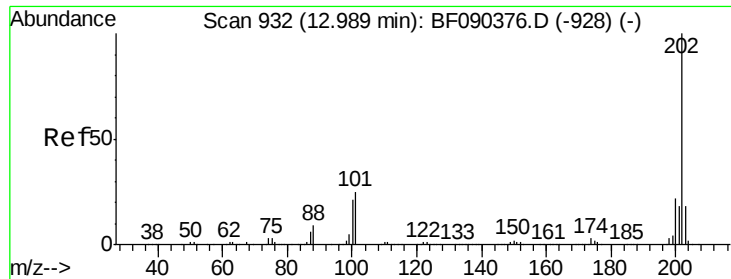
Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.0  | 11.8  | 17.8  |
| 183     | 11.3  | 9.6   | 14.4  |





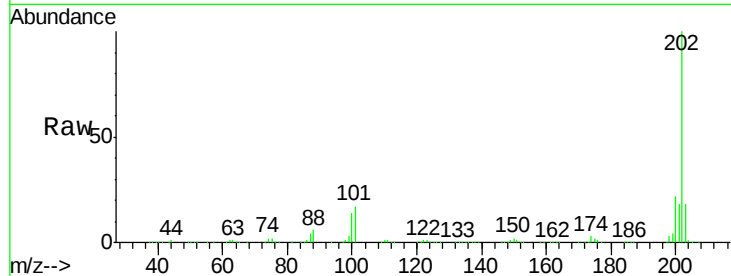
#77  
Pvrene  
Concen: 20.40 ng  
RT: 12.99 min Scan# 932  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampled :  
LOQ-WATER2016-06-QT4

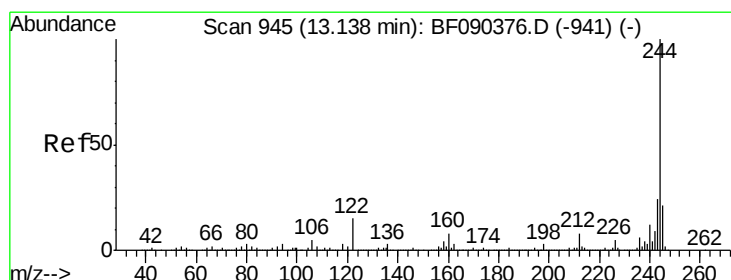
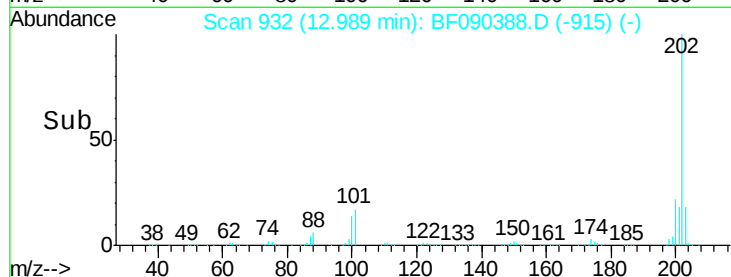
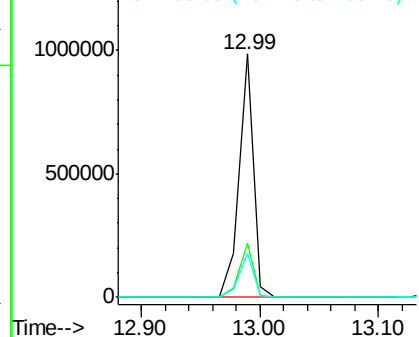
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.1  | 18.5  | 27.7  |
| 203     | 18.0  | 15.0  | 22.6  |

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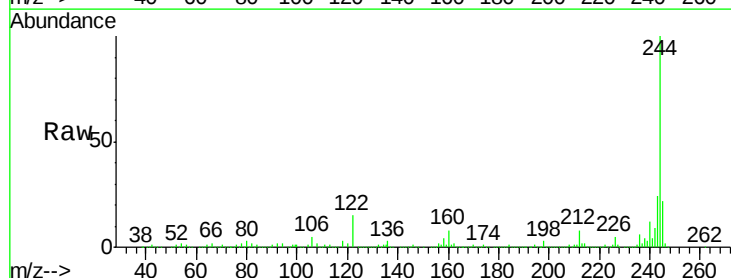


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

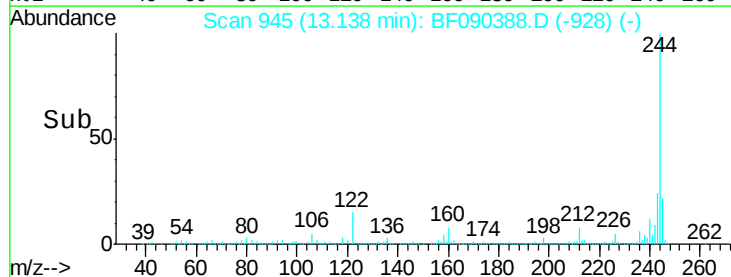
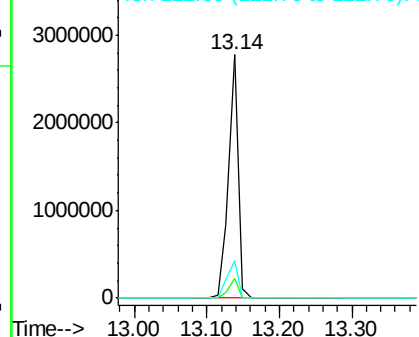


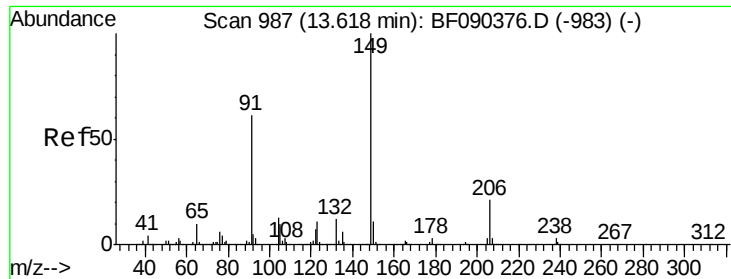
#78  
Terphenyl-d14  
Concen: 94.72 ng  
RT: 13.14 min Scan# 945  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 6.8   | 10.2  |
| 122     | 15.3  | 13.3  | 19.9  |



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





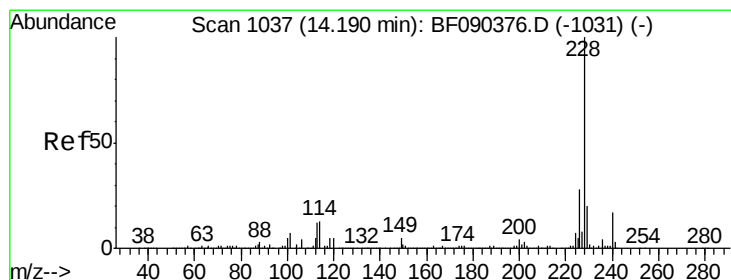
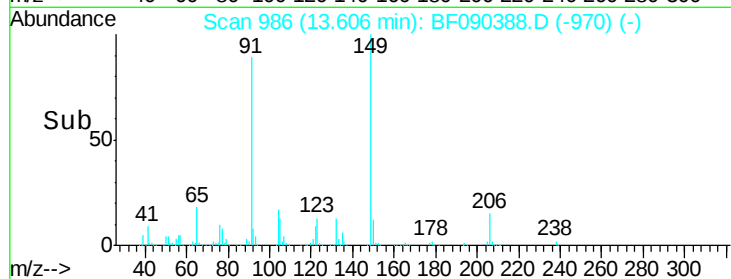
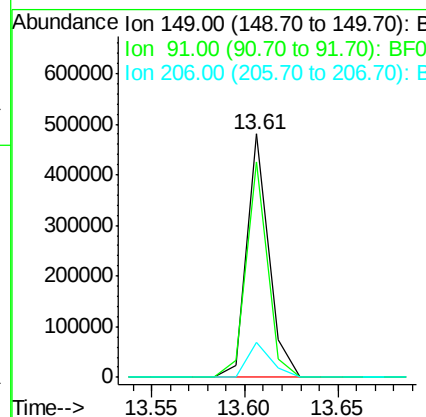
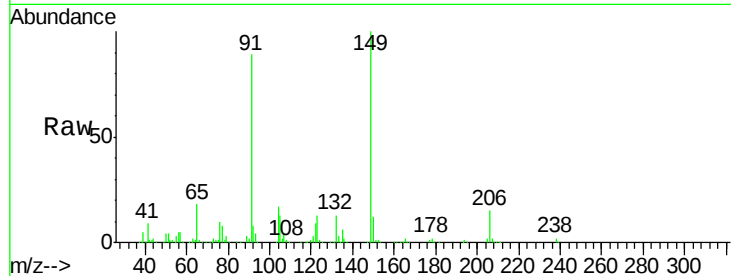
#79  
Butylbenzylphthalate  
Concen: 19.04 ng  
RT: 13.61 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 88.6  | 51.8  | 77.8# |
| 206     | 14.5  | 18.0  | 27.0# |

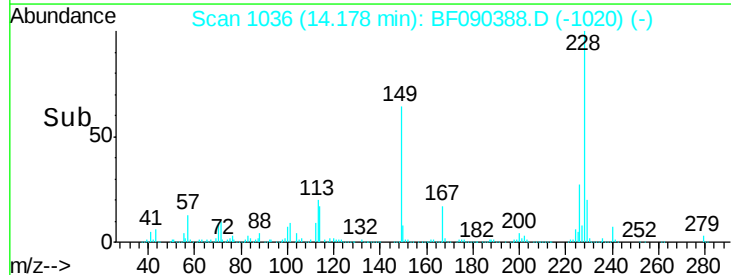
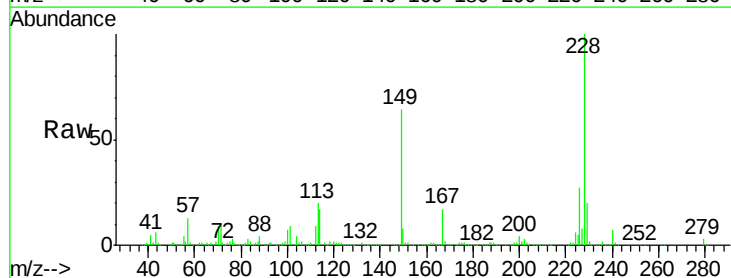
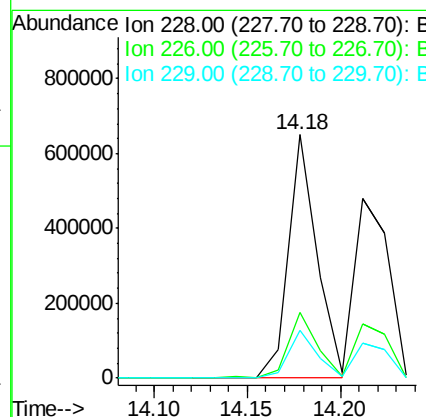
Manual Integrations  
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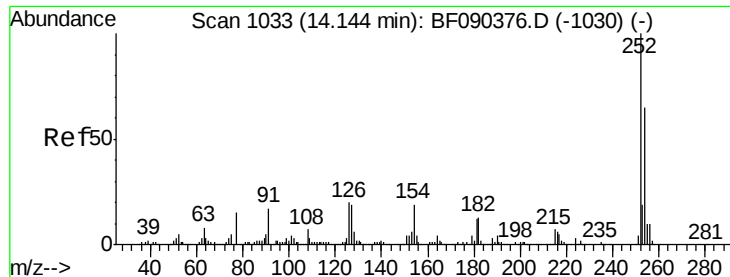
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#80  
Benzo(a)anthracene  
Concen: 20.17 ng  
RT: 14.18 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 23.6  | 35.4  |
| 229     | 19.8  | 16.6  | 25.0  |





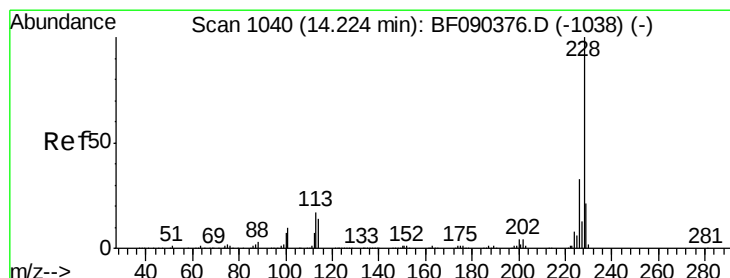
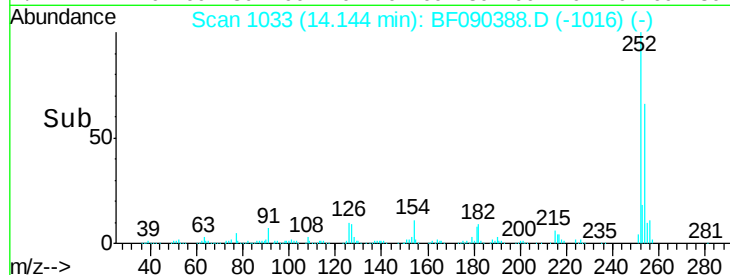
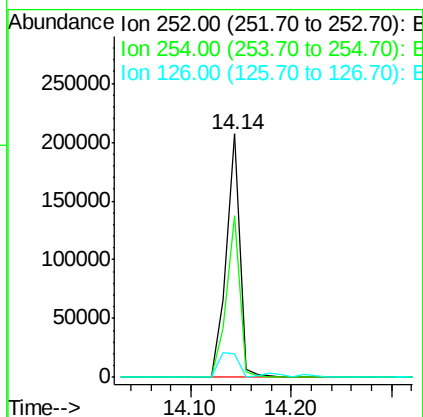
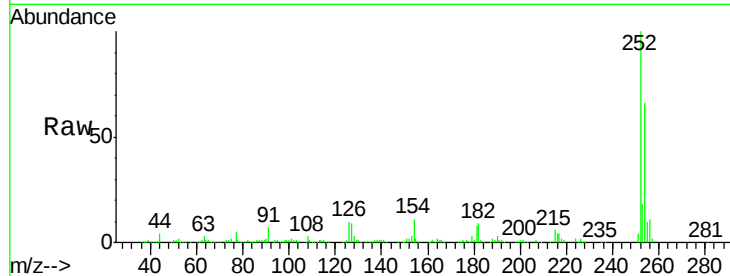
#81  
 3,3'-Dichlorobenzidine  
 Concen: 15.74 ng  
 RT: 14.14 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 195520 |       |       |
| 254     | 66.4  | 52.1   | 78.1  |       |
| 126     | 9.8   | 4.2    | 6.4   |       |

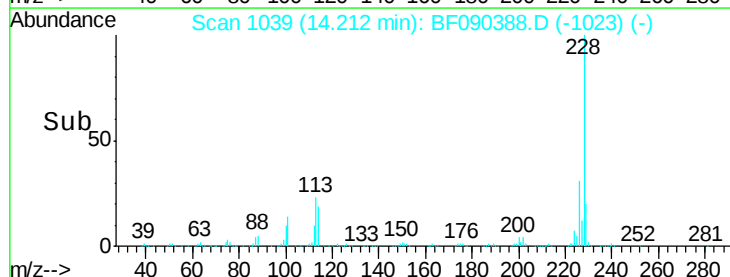
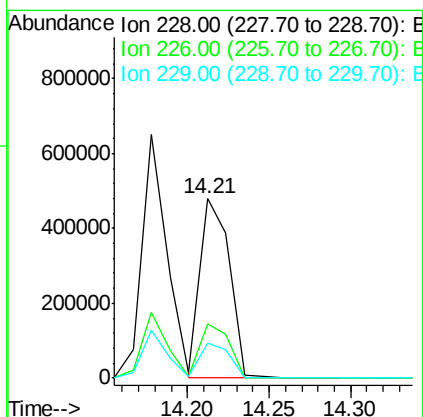
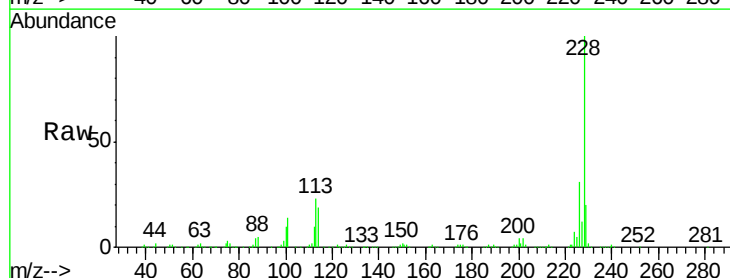
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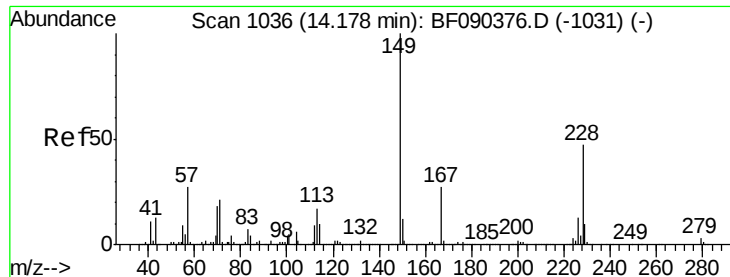
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#82  
 Chrysene  
 Concen: 19.06 ng  
 RT: 14.21 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 601214 |       |       |
| 226     | 30.5  | 25.8   | 38.6  |       |
| 229     | 19.9  | 16.9   | 25.3  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.87 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

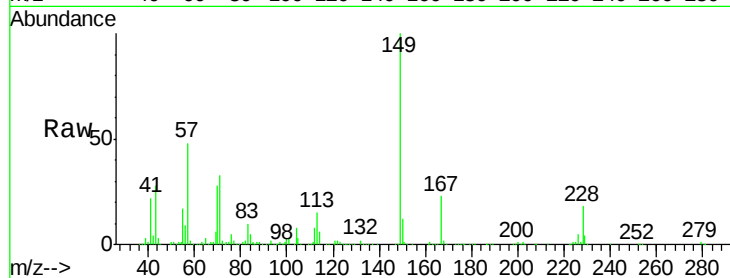
ClientSampleId :

LOQ-WATER2016-06-QT4

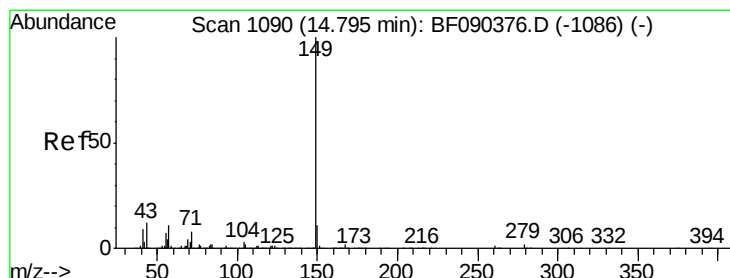
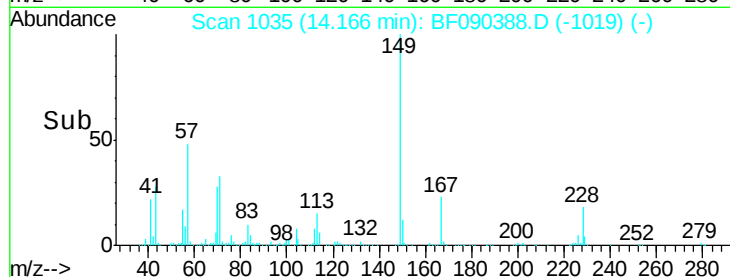
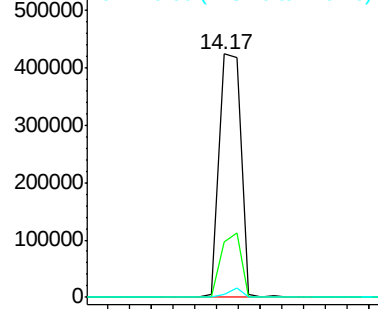
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 590348 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 22.7  | 21.5  | 32.3   |
| 279       | 1.3   | 2.6   | 3.8#   |

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



#84

Di-n-octyl phthalate

Concen: 20.81 ng

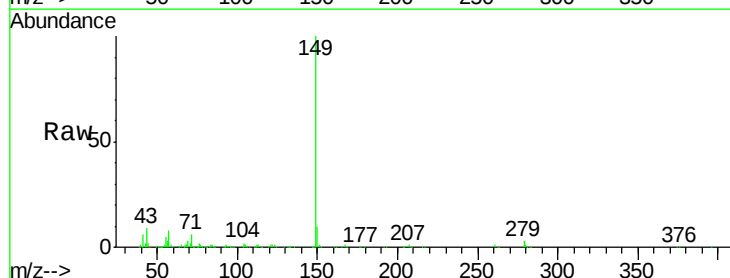
RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

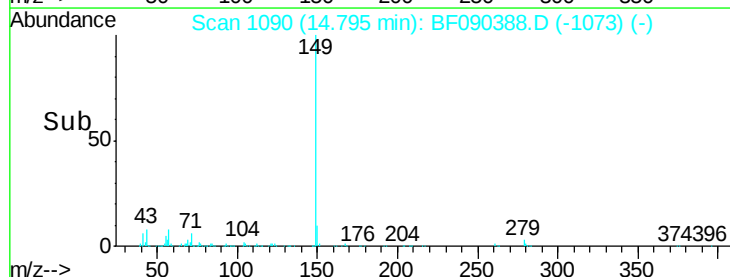
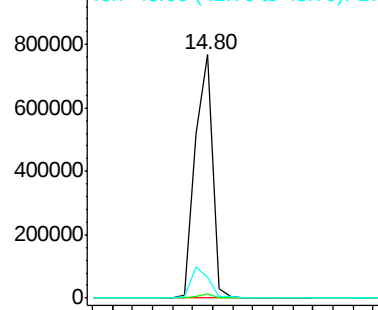
Lab File: BF090388.D

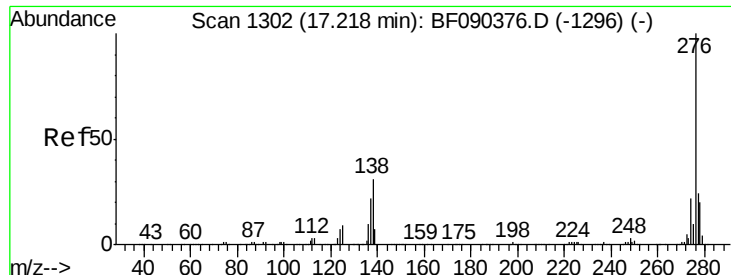
Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 916374 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.3   | 1.9    |
| 43        | 12.8  | 11.8  | 17.8   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





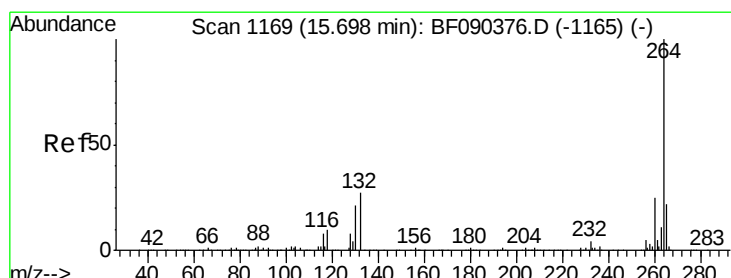
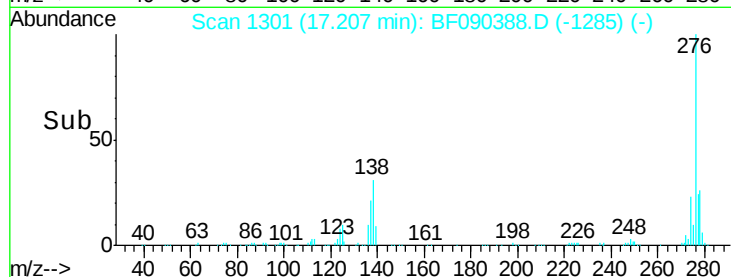
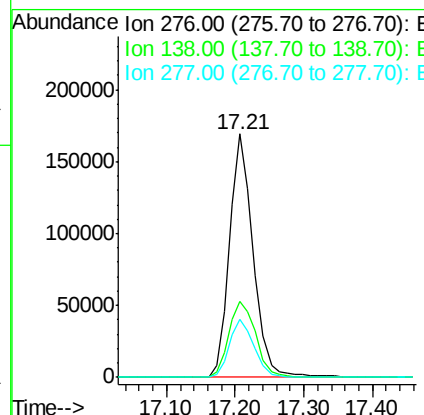
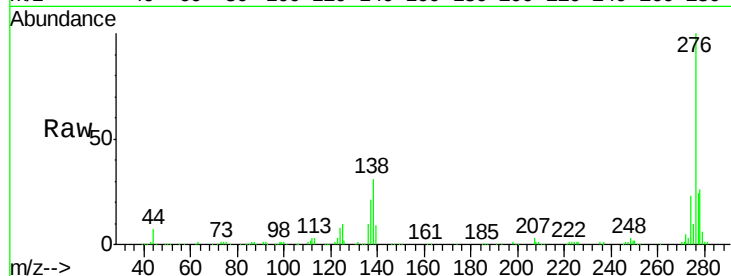
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 18.27 ng  
RT: 17.21 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.7  | 23.8  | 35.8  |
| 277     | 24.9  | 20.4  | 30.6  |

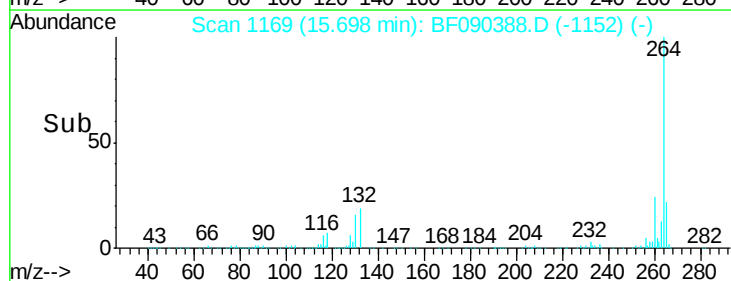
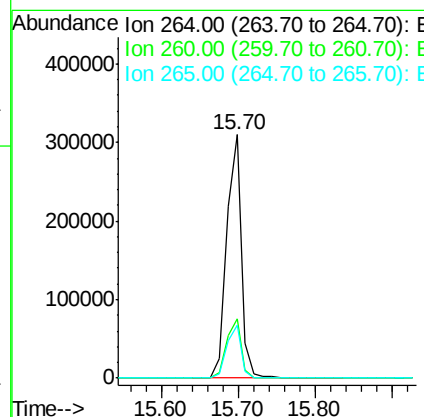
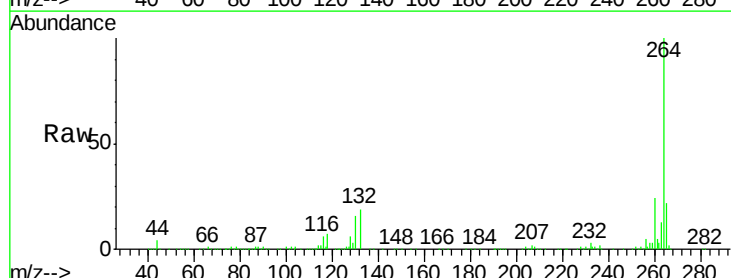
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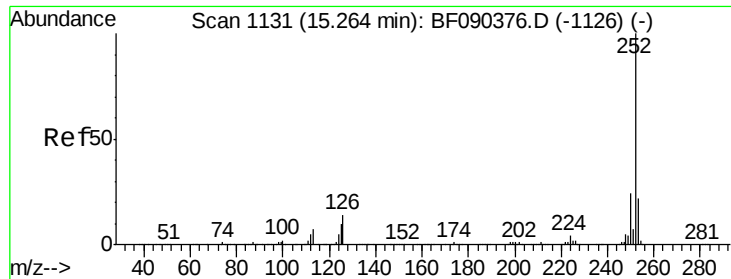
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.70 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.3  | 28.9  |
| 265     | 21.5  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 19.33 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA\_F

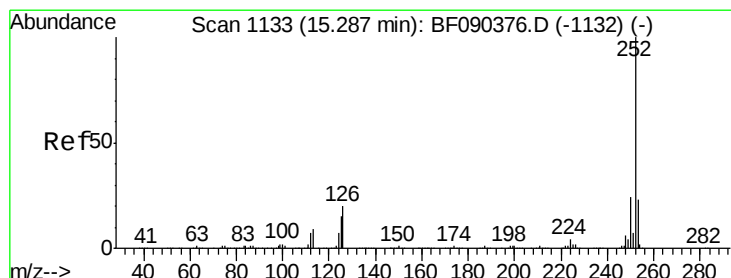
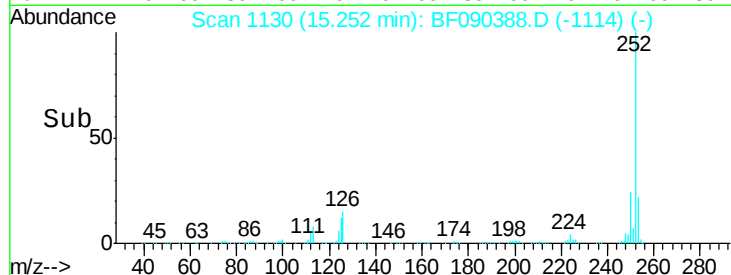
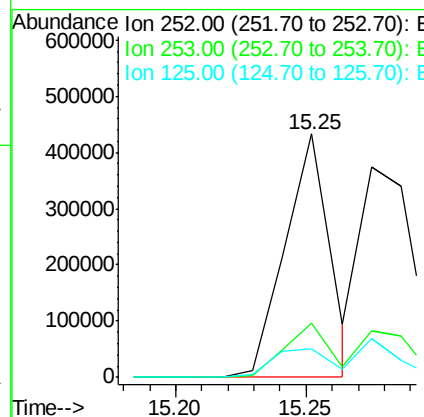
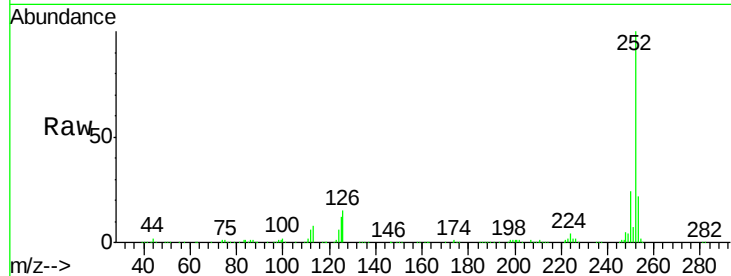
ClientSampleId :

LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 516630 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 18.2  | 27.2   |
| 125       | 11.6  | 7.0   | 10.4   |

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#88

Benzo(k)fluoranthene

Concen: 20.45 ng m

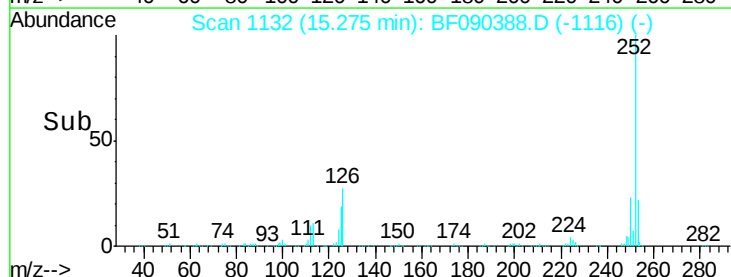
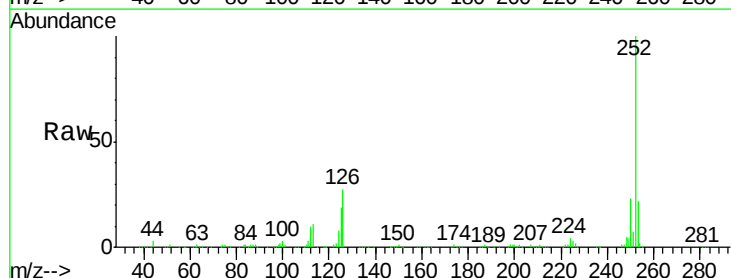
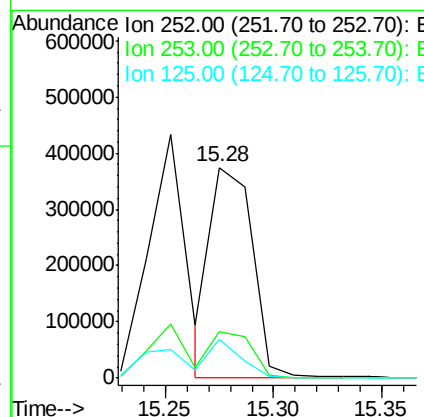
RT: 15.28 min Scan# 1132

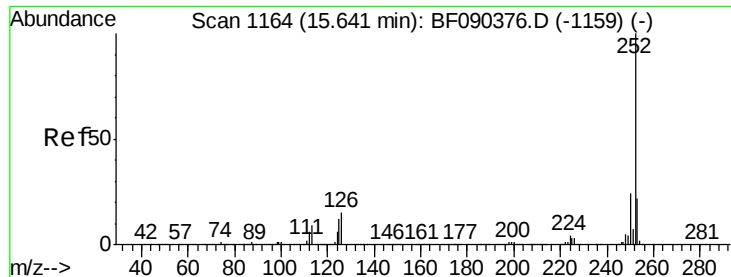
Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 513290 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 18.6  | 27.8   |
| 125       | 18.7  | 11.7  | 17.5   |





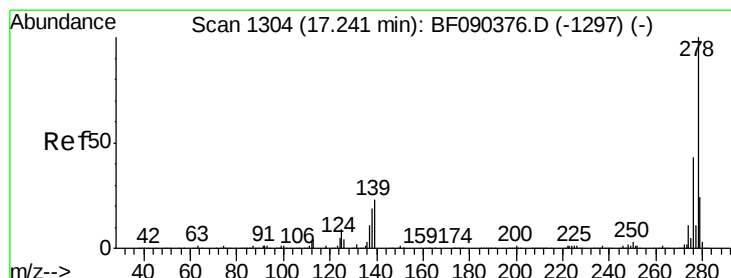
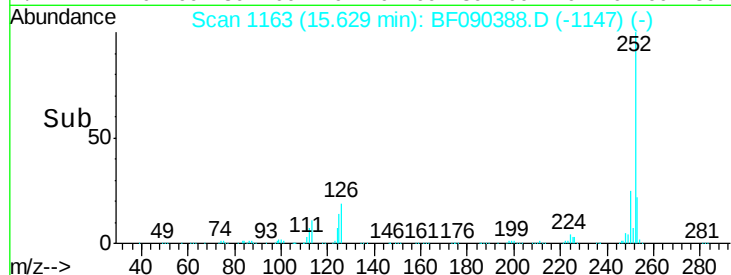
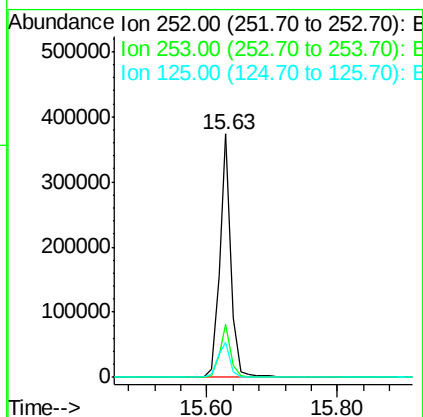
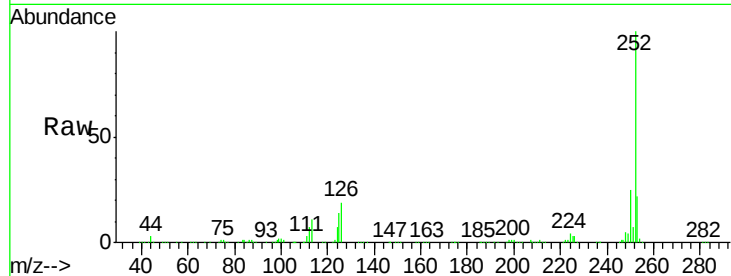
#89  
Benzo(a)pyrene  
Concen: 19.63 ng  
RT: 15.63 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER2016-06-QT4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.2  | 27.4  |
| 125     | 14.3  | 9.8   | 14.8  |

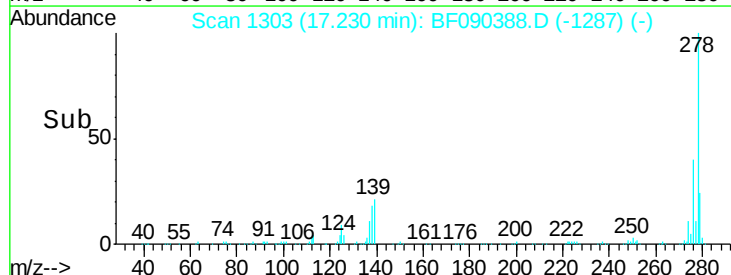
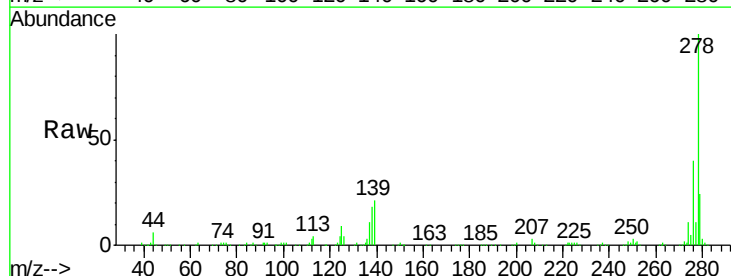
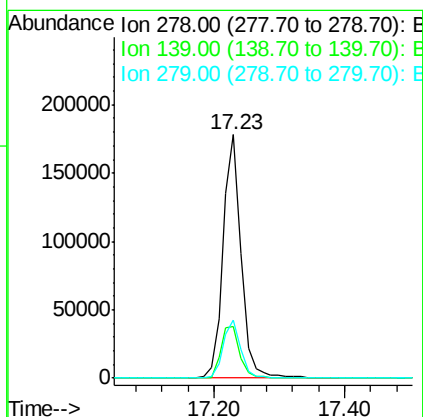
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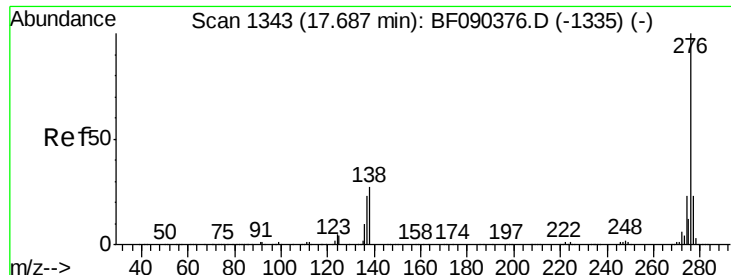
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#90  
Dibenzo(a,h)anthracene  
Concen: 17.51 ng  
RT: 17.23 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF090388.D  
Acq: 5 Oct 2016 19:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.0  | 12.8  | 19.2# |
| 279     | 24.1  | 19.6  | 29.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 17.17 ng  
 RT: 17.66 min Scan# 1341  
 Delta R.T. -0.02 min  
 Lab File: BF090388.D  
 Acq: 5 Oct 2016 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER2016-06-QT4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 322962 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.2  | 19.4  | 29.0   |
| 138       | 31.1  | 20.8  | 31.2   |

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