

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\  
 Data File : BF079572.D  
 Acq On : 29 May 2015 21:04  
 Operator : TP/IZ  
 Sample : G2419-06MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

Manual Integrations  
 APPROVED

apatel  
 6/1/2015 4:21:13 PM

Quant Time: May 30 00:24:27 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 23:13:06 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 104371   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.52  | 136  | 440482   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.70 | 164  | 219550   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.53 | 188  | 381339   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.83 | 240  | 353633   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 17.66 | 264  | 379524   | 20.00 | ng    | -0.15    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 258183 | 42.91 | ng | 0.00 |
| 7) Phenol-d6             | 6.55  | 99  | 208031 | 27.12 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.66  | 82  | 476456 | 62.53 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.68 | 330 | 215745 | 89.47 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.88  | 172 | 918601 | 59.69 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.53 | 244 | 859778 | 57.06 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.78 | 88  | 39462  | 13.79 | ng | # 100  |
| 3) Pyridine                    | 2.46 | 79  | 51399  | 8.15  | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.36 | 42  | 37653  | 12.13 | ng | # 95   |
| 6) Aniline                     | 6.55 | 93  | 138108 | 12.69 | ng | 94     |
| 8) 2-Chlorophenol              | 6.68 | 128 | 177163 | 25.29 | ng | 94     |
| 9) Benzaldehyde                | 6.40 | 77  | 25526  | 3.92  | ng | 99     |
| 10) Phenol                     | 6.57 | 94  | 84417  | 9.35  | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93  | 228139 | 34.92 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 206367 | 26.59 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 217034 | 27.41 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 206762 | 28.12 | ng | 99     |
| 15) Benzyl Alcohol             | 7.15 | 79  | 119496 | 21.20 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.32 | 45  | 306613 | 32.07 | ng | 89     |
| 17) 2-Methylphenol             | 7.31 | 107 | 119132 | 21.65 | ng | 94     |
| 18) Hexachloroethane           | 7.56 | 117 | 70578  | 25.90 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.48 | 70  | 172299 | 31.93 | ng | # 94   |
| 20) 3+4-Methylphenols          | 7.51 | 107 | 141845 | 18.76 | ng | 91     |
| 22) Acetophenone               | 7.47 | 105 | 333515 | 33.80 | ng | # 91   |
| 24) Nitrobenzene               | 7.68 | 77  | 244260 | 32.52 | ng | # 87   |
| 25) Isophorone                 | 7.98 | 82  | 433562 | 31.22 | ng | # 93   |
| 26) 2-Nitrophenol              | 8.07 | 139 | 109240 | 30.72 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 8.16 | 122 | 173352 | 27.12 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.26 | 93  | 278172 | 32.31 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.38 | 162 | 178743 | 30.53 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.47 | 180 | 185857 | 30.60 | ng | 96     |
| 31) Naphthalene                | 8.56 | 128 | 649827 | 30.74 | ng | 99     |
| 32) Benzoic acid               | 8.27 | 122 | 34037  | 8.58  | ng | 97     |
| 33) 4-Chloroaniline            | 8.65 | 127 | 138926 | 15.73 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.71 | 225 | 96590  | 27.96 | ng | 99     |
| 35) Caprolactam                | 9.10 | 113 | 8324   | 4.51  | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 9.27 | 107 | 167314 | 27.55 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 9.42 | 142 | 478658 | 32.61 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.62 | 216 | 190605 | 31.04 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.60 | 237 | 101239 | 61.40 | ng | 97     |

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Manual Integrations  
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apatel  
 6/1/2015 4:21:13 PM

Quant Time: May 30 00:24:27 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 23:13:06 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.78  | 196  | 120628   | 28.13 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.83  | 196  | 127635   | 29.90 | nq #  | 86       |
| 45) 1,1'-Biphenyl              | 10.00 | 154  | 556456   | 32.45 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 10.01 | 162  | 412024   | 30.42 | nq    | 97       |
| 47) 2-Nitroaniline             | 10.16 | 65   | 123543   | 30.68 | nq #  | 66       |
| 48) Acenaphthylene             | 10.52 | 152  | 687643   | 30.59 | nq    | 99       |
| 49) Dimethylphthalate          | 10.40 | 163  | 501617   | 31.01 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.47 | 165  | 104635   | 32.38 | nq #  | 68       |
| 51) Acenaphthene               | 10.73 | 154  | 378924   | 29.48 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.67 | 138  | 64938    | 15.45 | nq #  | 75       |
| 53) 2,4-Dinitrophenol          | 10.81 | 184  | 77578    | 64.03 | nq #  | 76       |
| 54) Dibenzofuran               | 10.95 | 168  | 583753   | 30.79 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.92 | 139  | 41257m   | 17.70 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 10.97 | 165  | 139948   | 32.29 | nq #  | 75       |
| 57) Fluorene                   | 11.37 | 166  | 467697   | 29.93 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.12 | 232  | 93205    | 30.01 | nq #  | 100      |
| 59) Diethylphthalate           | 11.27 | 149  | 471413   | 29.77 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.38 | 204  | 213680   | 31.64 | nq    | 98       |
| 61) 4-Nitroaniline             | 11.43 | 138  | 86716    | 22.14 | nq    | 85       |
| 62) Azobenzene                 | 11.58 | 77   | 492851   | 32.00 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.47 | 198  | 56506    | 32.04 | nq #  | 76       |
| 65) n-Nitrosodiphenylamine     | 11.54 | 169  | 415535   | 32.81 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.99 | 248  | 134501   | 34.25 | nq    | 95       |
| 67) Hexachlorobenzene          | 12.05 | 284  | 148201   | 33.10 | nq    | 97       |
| 68) Atrazine                   | 12.23 | 200  | 117620   | 34.38 | nq    | 99       |
| 69) Pentachlorophenol          | 12.31 | 266  | 121160   | 70.64 | nq    | 98       |
| 70) Phenanthrene               | 12.56 | 178  | 667066   | 31.89 | nq    | 99       |
| 71) Anthracene                 | 12.62 | 178  | 662118   | 31.17 | nq    | 99       |
| 72) Carbazole                  | 12.83 | 167  | 630033   | 30.81 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.29 | 149  | 750272   | 32.25 | nq    | 99       |
| 74) Fluoranthene               | 14.03 | 202  | 699739   | 31.19 | nq    | 98       |
| 77) Pyrene                     | 14.31 | 202  | 723104   | 33.01 | nq    | 100      |
| 79) Butylbenzylphthalate       | 15.15 | 149  | 329558   | 33.45 | nq    | 90       |
| 80) Benzo(a)anthracene         | 15.82 | 228  | 634553   | 31.19 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 15.81 | 252  | 42497    | 5.70  | nq #  | 99       |
| 82) Chrysene                   | 15.86 | 228  | 616001   | 31.86 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.90 | 149  | 465475   | 32.98 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 16.73 | 149  | 800059   | 32.57 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.01 | 276  | 783105m  | 31.49 | nq    |          |
| 87) Benzo(b)fluoranthene       | 17.18 | 252  | 675981   | 31.23 | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 17.21 | 252  | 635361m  | 32.82 | nq    |          |
| 89) Benzo(a)pyrene             | 17.59 | 252  | 638698   | 33.14 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.03 | 278  | 643294   | 31.95 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.38 | 276  | 654236   | 33.01 | nq    | 96       |

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

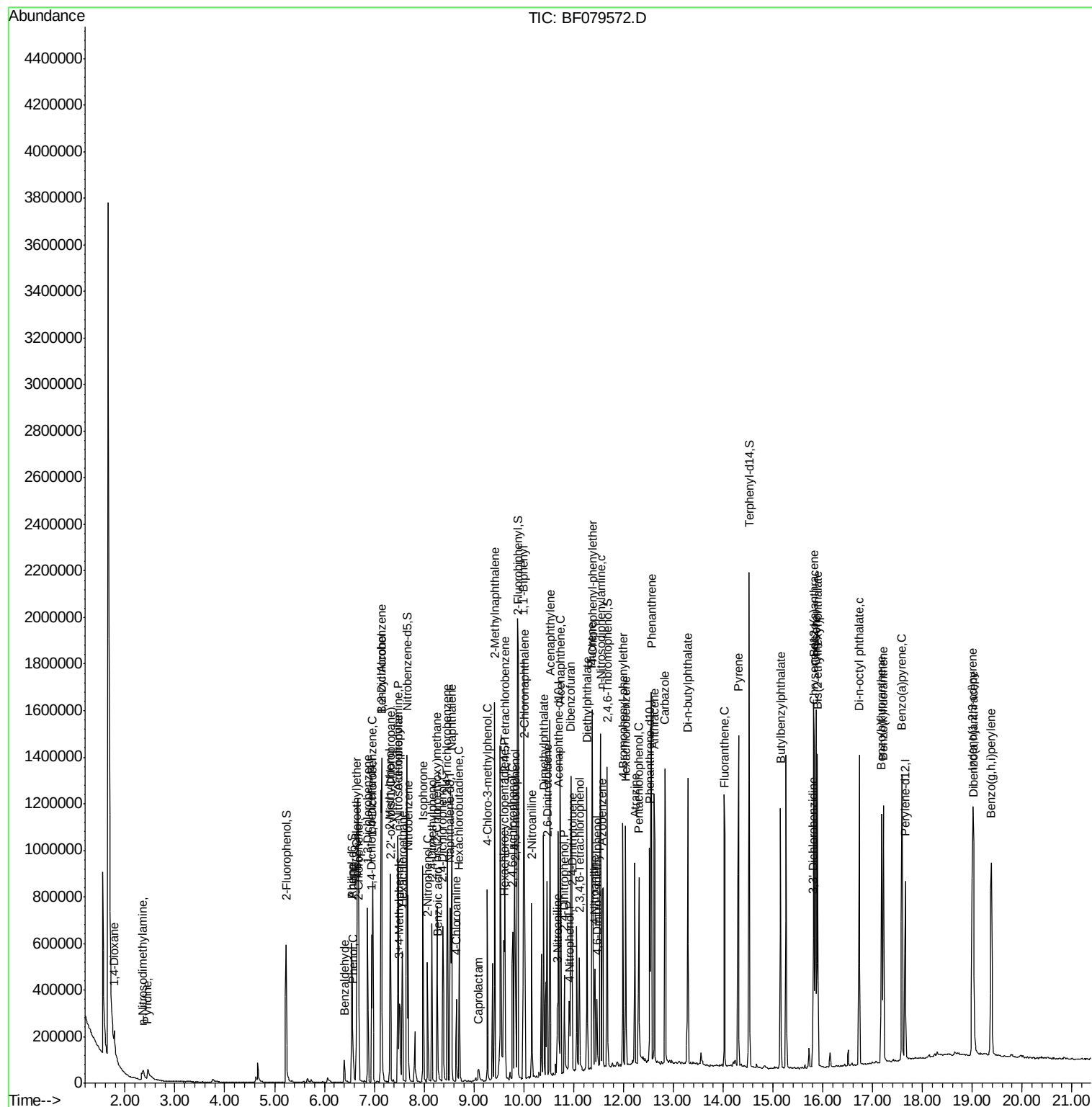
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\  
Data File : BF079572.D  
Acq On : 29 May 2015 21:04  
Operator : TP/IZ  
Sample : G2419-06MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

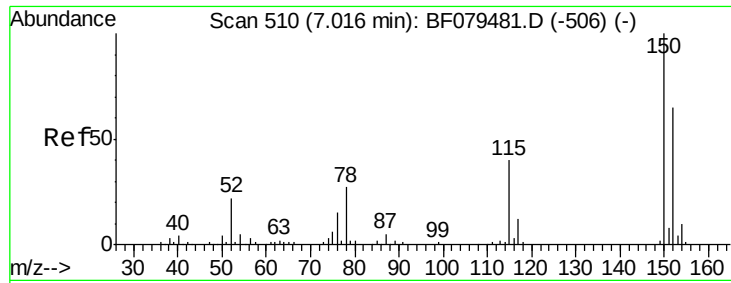
Instrument :  
BNA\_F  
ClientSampled :  
MW-05MSD

Manual Integrations  
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6/1/2015 4:21:13 PM

Quant Time: May 30 00:24:27 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 29 23:13:06 2015  
Response via : Initial Calibration





#1

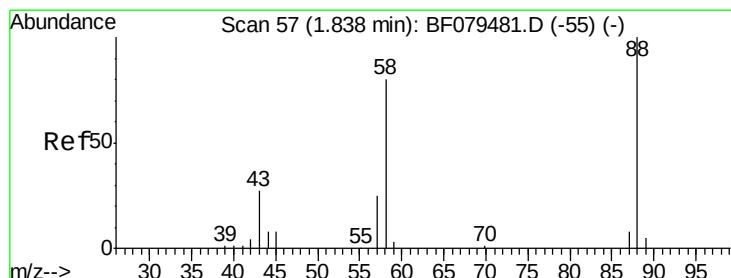
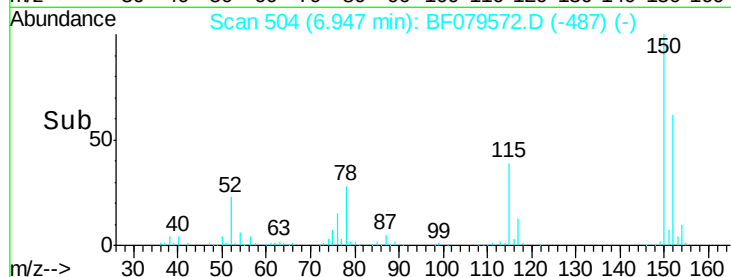
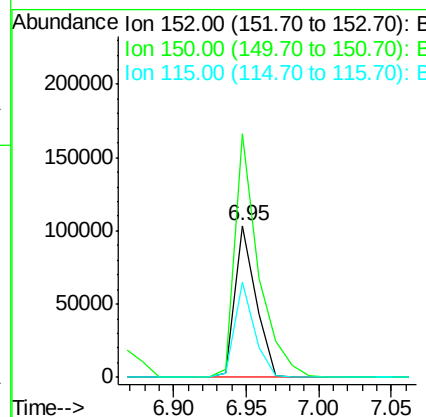
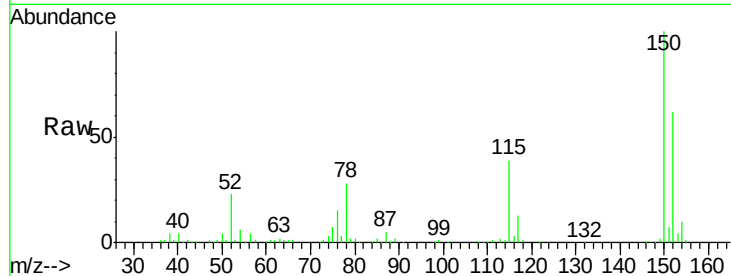
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.95 min Scan# 504  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.8 | 124.0 | 186.0 |
| 115     | 62.6  | 49.6  | 74.4  |

Manual Integrations  
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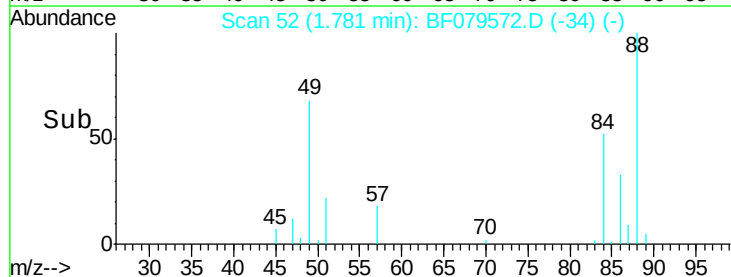
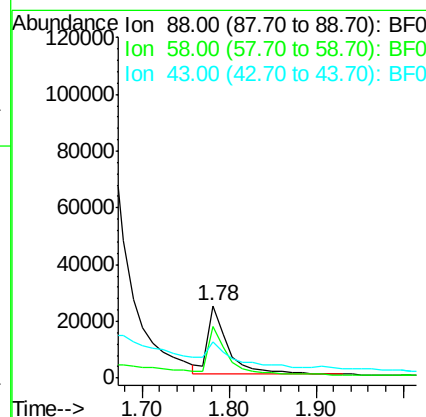
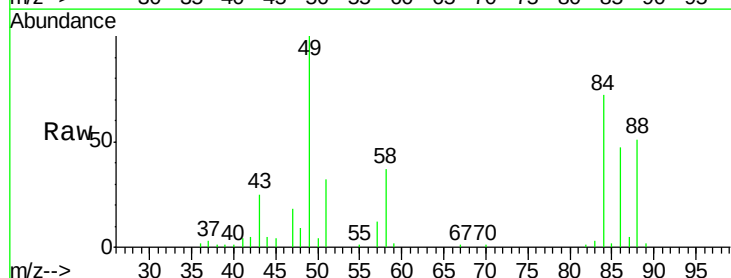
apatel  
6/1/2015 4:21:13 PM

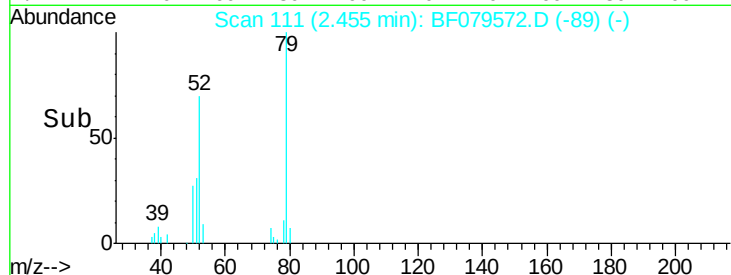
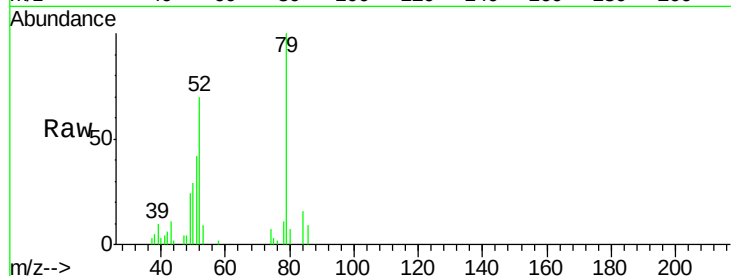
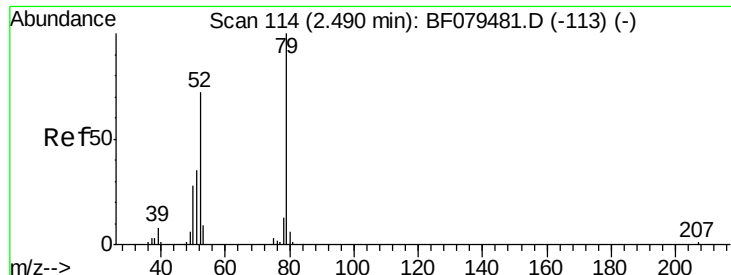


#2

1,4-Dioxane  
Concen: 13.79 ng  
RT: 1.78 min Scan# 52  
Delta R.T. 0.01 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.7  | 0.0   | 0.0#  |
| 43      | 58.6  | 0.0   | 0.0#  |





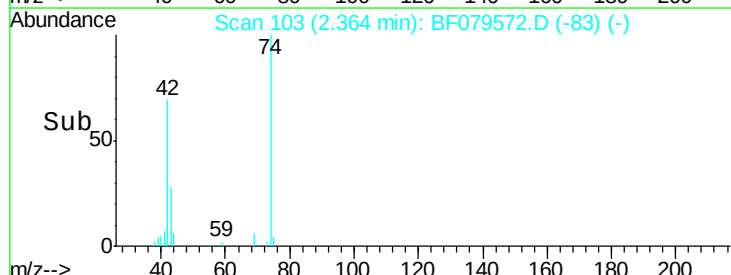
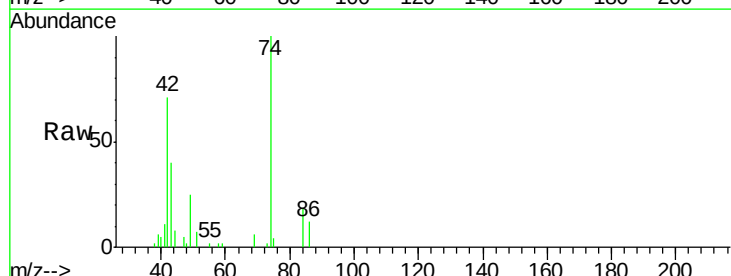
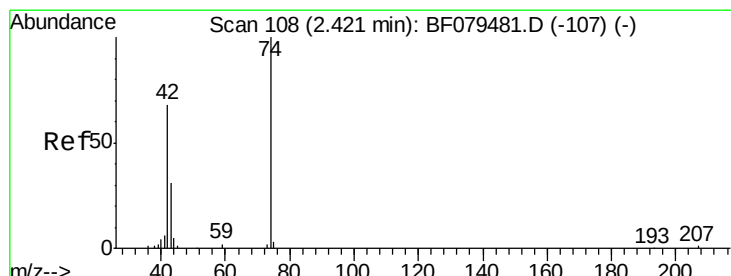
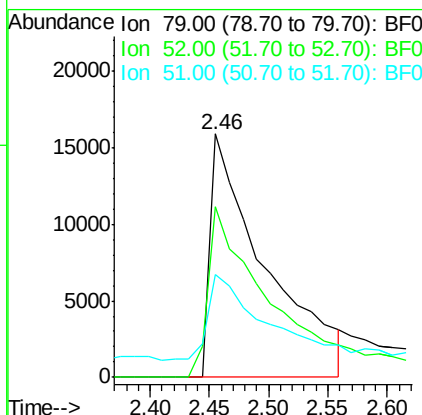
#3  
 Pvridine  
 Concen: 8.15 ng  
 RT: 2.46 min Scan# 111  
 Delta R.T. 0.06 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 51399 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 70.3  | 57.4  | 86.2  |
| 51       | 42.3  | 29.4  | 44.0  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

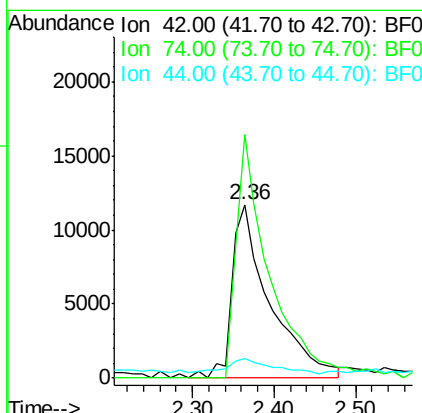
Manual Integrations  
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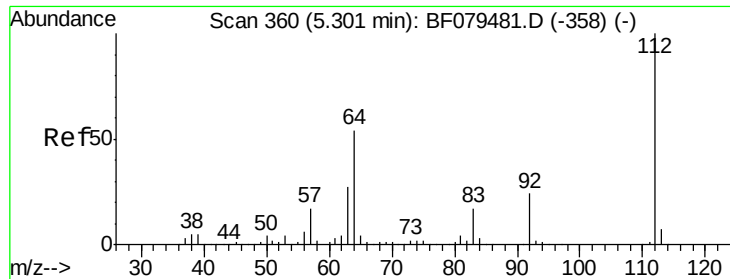
apatel  
 6/1/2015 4:21:13 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 12.13 ng  
 RT: 2.36 min Scan# 103  
 Delta R.T. 0.03 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 37653 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 140.5 | 117.6 | 176.4 |
| 44       | 11.3  | 6.9   | 10.3# |





#5

2-Fluorophenol

Concen: 42.91 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

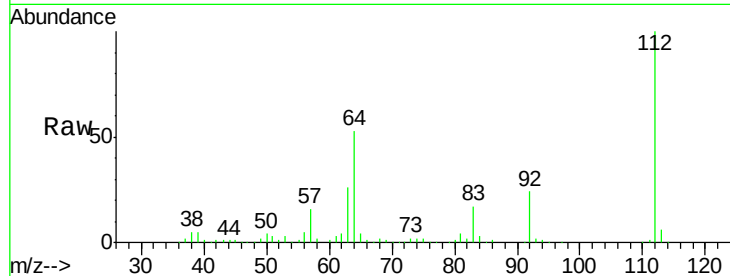
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 258183 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.3  | 43.5  | 65.3   |
| 63        | 26.1  | 21.8  | 32.8   |

Manual Integrations  
APPROVED

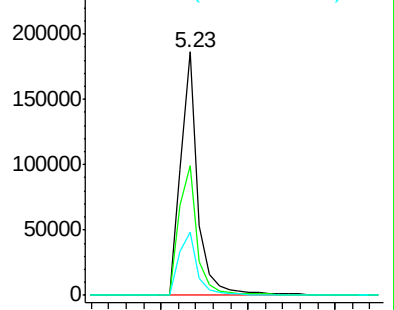
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6/1/2015 4:21:13 PM



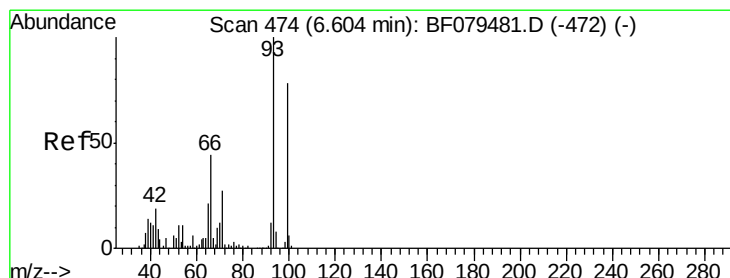
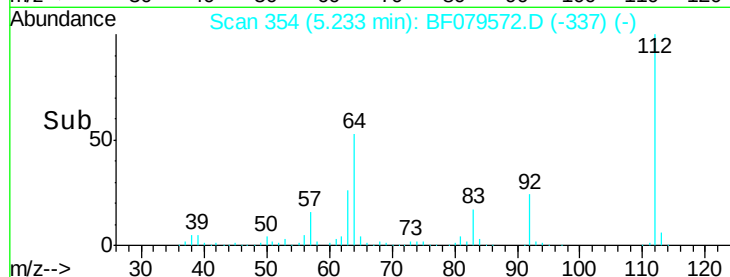
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 12.69 ng

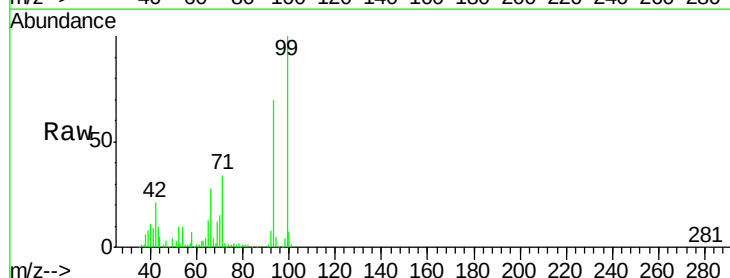
RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

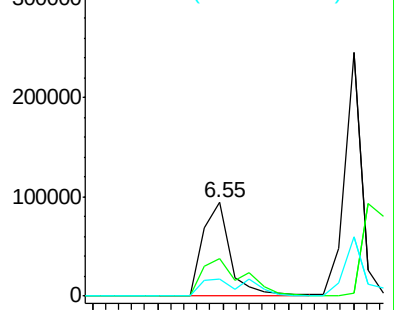
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 138108 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.6  | 34.8  | 52.2   |
| 65        | 18.4  | 16.7  | 25.1   |



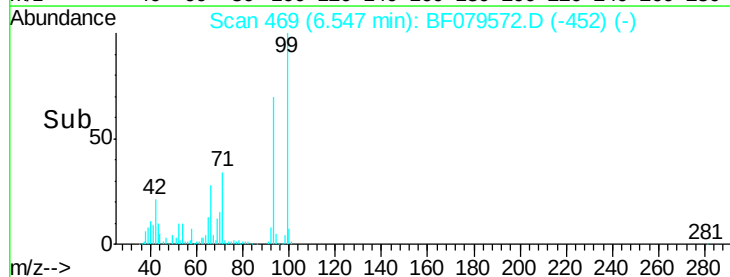
Abundance Ion 93.00 (92.70 to 93.70): BF0

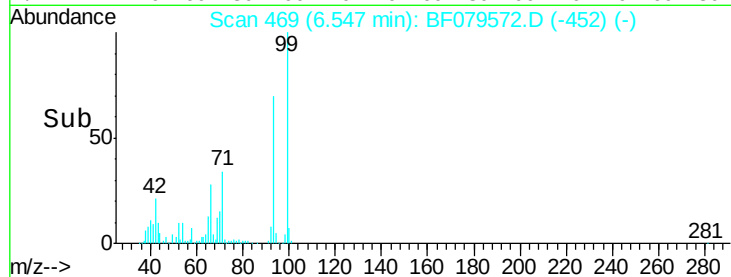
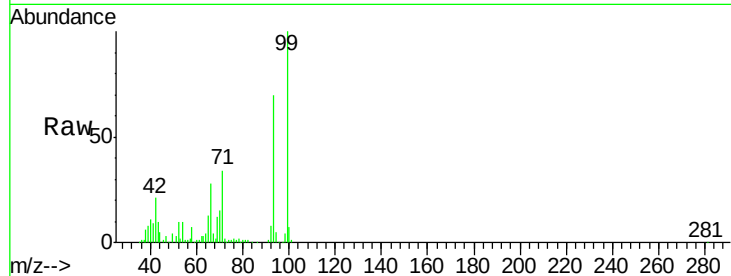
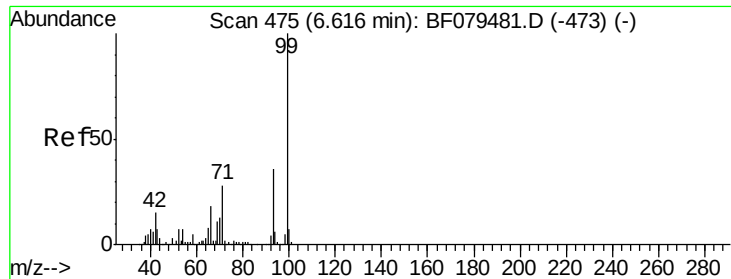
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 27.12 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 208031 |       |       |
| 42      | 21.2 | 11.9  | 17.9#  |       |       |
| 71      | 33.7 | 22.1  | 33.1#  |       |       |

Instrument :

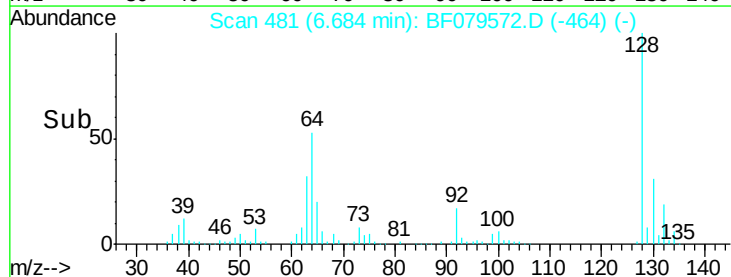
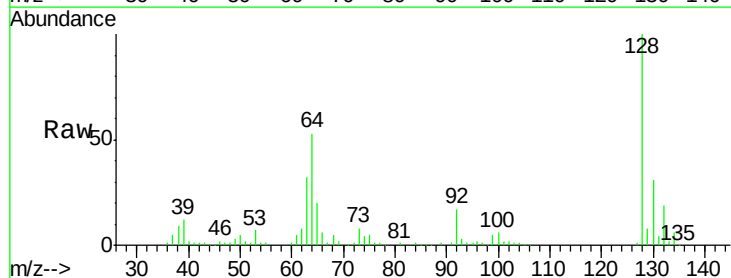
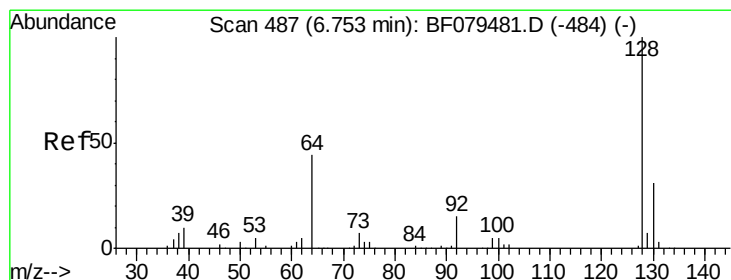
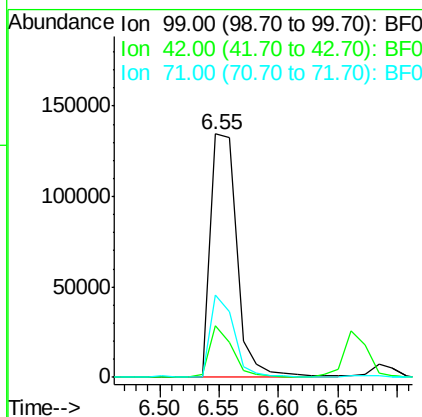
BNA\_F

ClientSampleId :

MW-05MSD

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#8

2-Chlorophenol

Concen: 25.29 ng

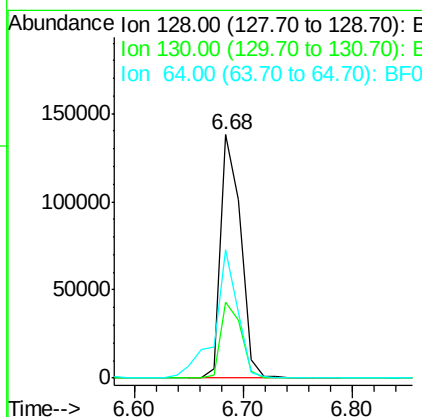
RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

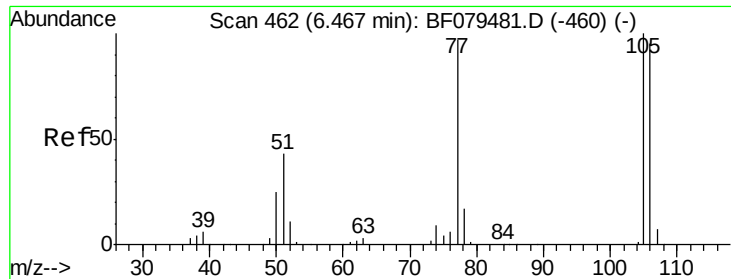
Lab File: BF079572.D

Acq: 29 May 2015 21:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 177163 |       |       |
| 130     | 31.4 | 11.4  | 51.4   |       |       |
| 64      | 52.8 | 25.9  | 65.9   |       |       |







#9

Benzaldehyde

Concen: 3.92 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

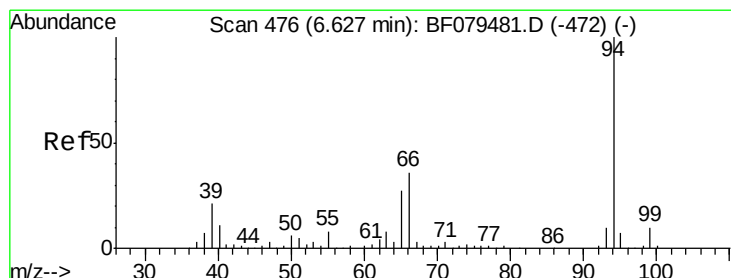
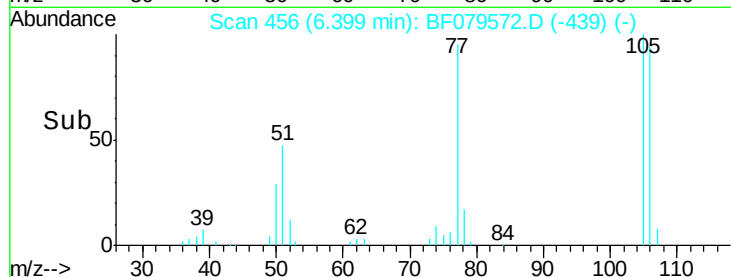
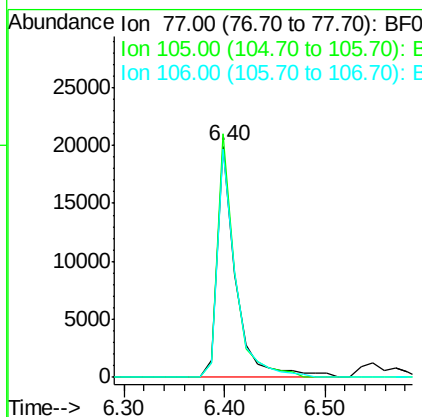
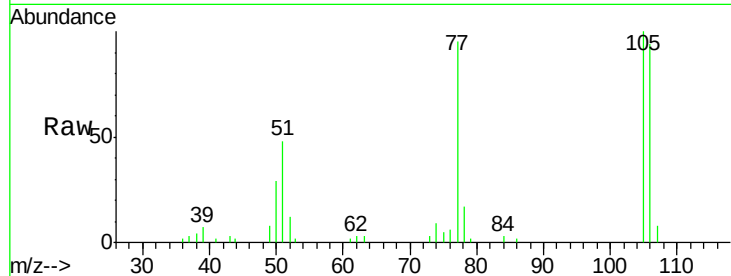
ClientSampleId :

MW-05MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 25526 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 105.3 | 83.3  | 123.3 |
| 106      | 99.0  | 78.4  | 118.4 |

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#10

Phenol

Concen: 9.35 ng

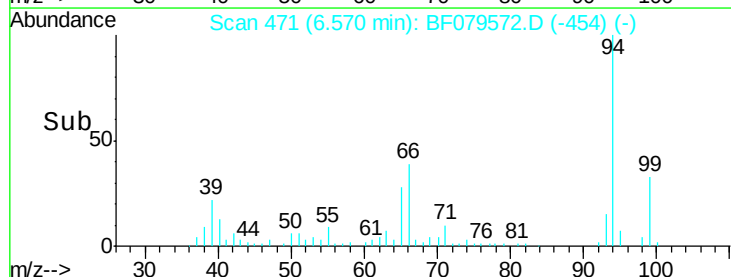
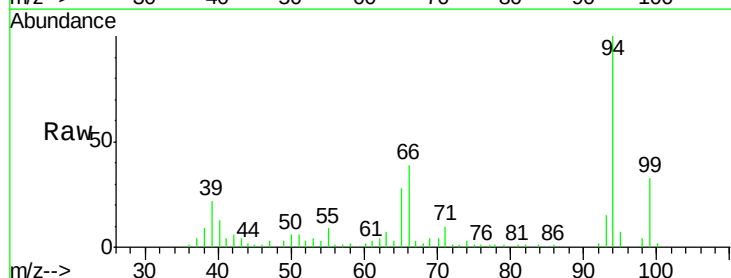
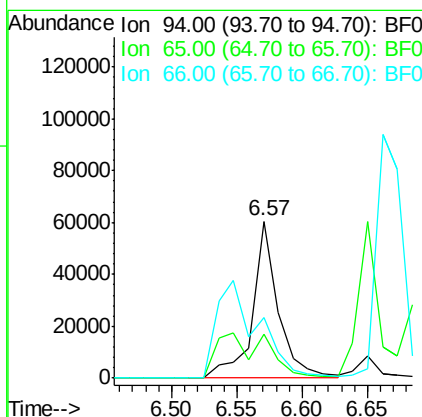
RT: 6.57 min Scan# 471

Delta R.T. -0.00 min

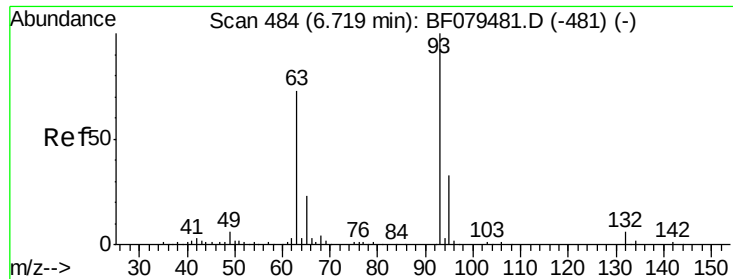
Lab File: BF079572.D

Acq: 29 May 2015 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 84417 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 27.6  | 7.2   | 47.2  |
| 66       | 38.8  | 16.2  | 56.2  |







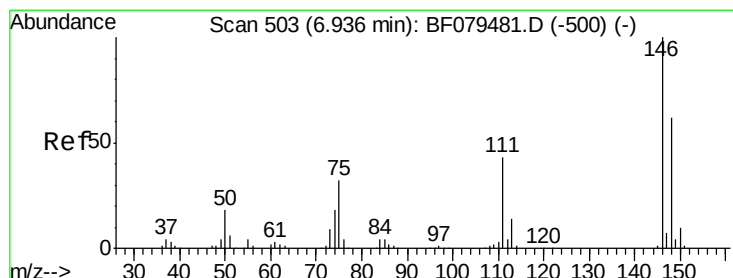
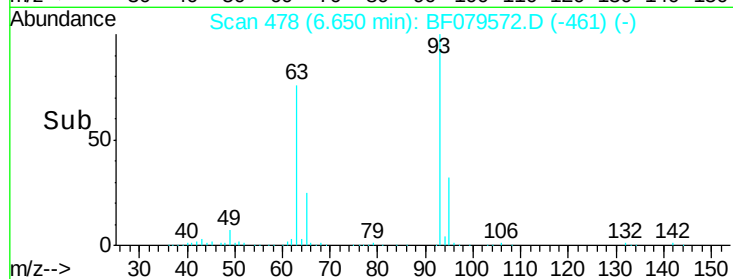
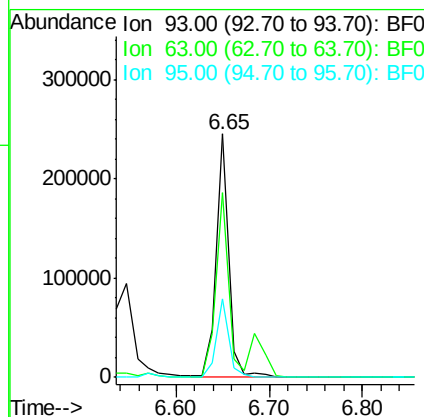
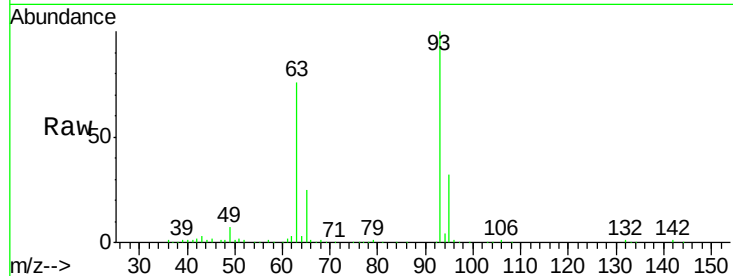
#11  
bis(2-Chloroethyl)ether  
Concen: 34.92 ng  
RT: 6.65 min Scan# 478  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 228139 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 75.6  | 51.8  | 91.8   |
| 95        | 32.5  | 13.0  | 53.0   |

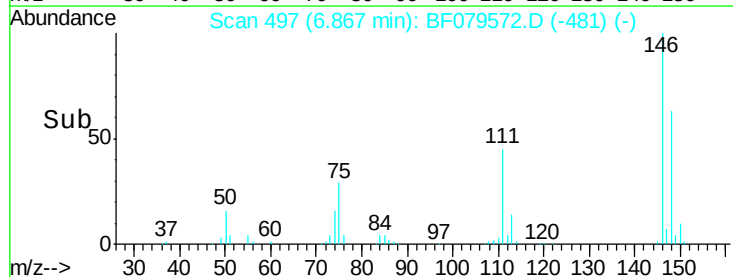
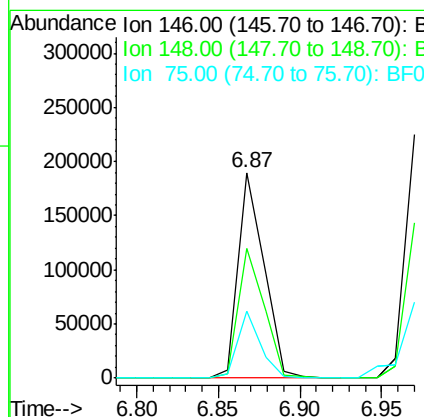
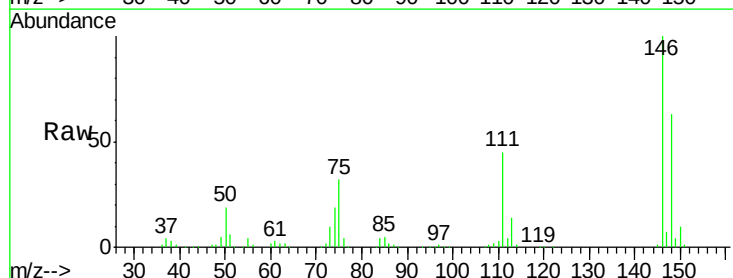
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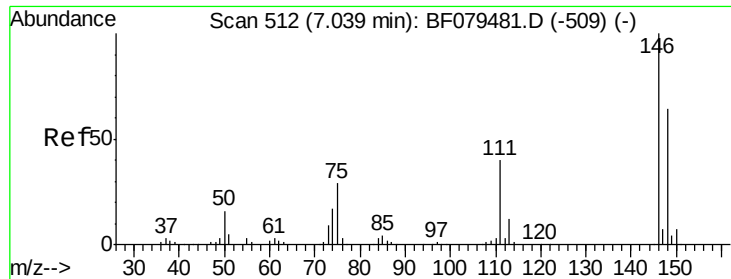
apatel  
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#12  
1,3-Dichlorobenzene  
Concen: 26.59 ng  
RT: 6.87 min Scan# 497  
Delta R.T. -0.01 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 206367 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 49.6  | 74.4   |
| 75        | 32.4  | 25.9  | 38.9   |





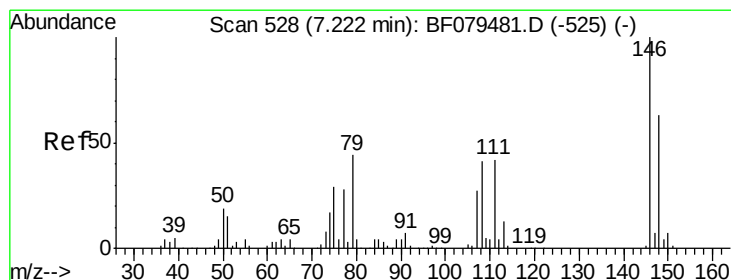
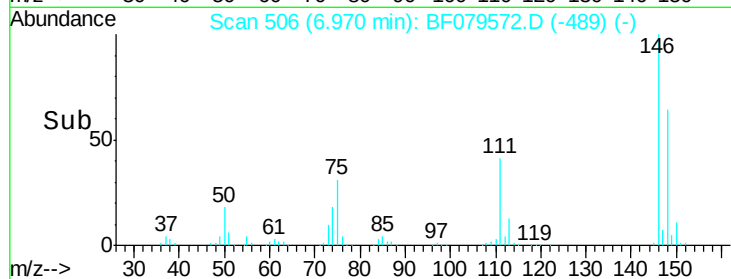
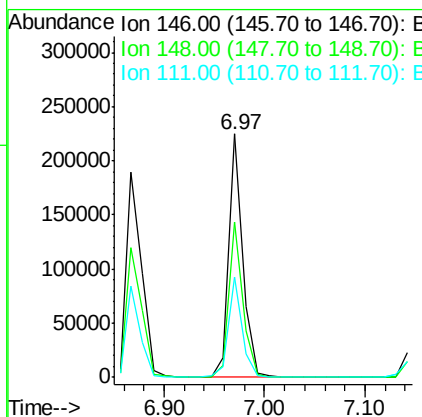
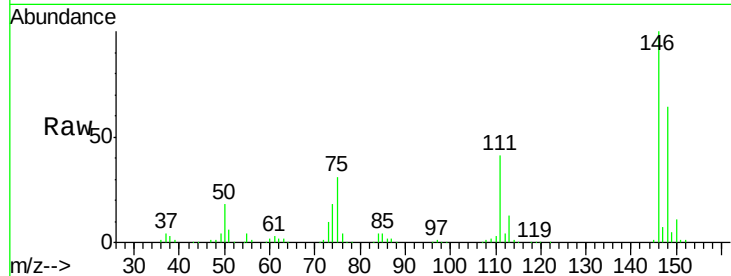
#13  
 1,4-Dichlorobenzene  
 Concen: 27.41 ng  
 RT: 6.97 min Scan# 506  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.3  | 76.9  |
| 111     | 41.4  | 31.8  | 47.8  |

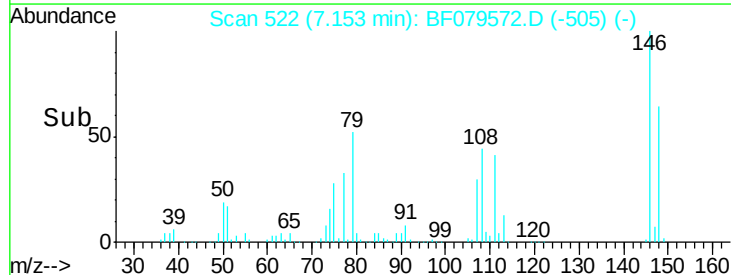
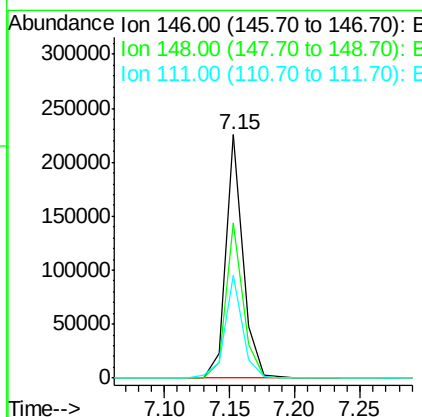
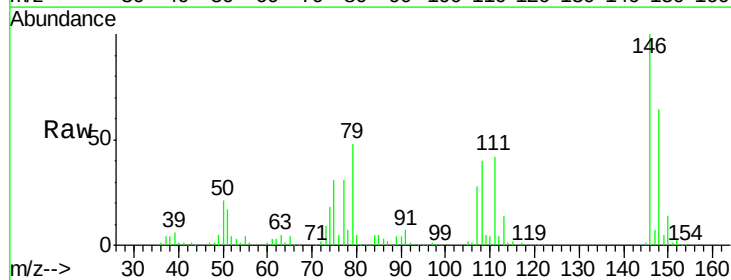
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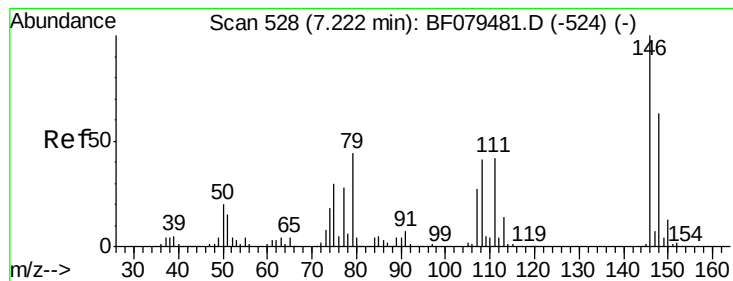
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#14  
 1,2-Dichlorobenzene  
 Concen: 28.12 ng  
 RT: 7.15 min Scan# 522  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 76.0  |
| 111     | 42.5  | 33.2  | 49.8  |





#15

Benzyl Alcohol

Concen: 21.20 ng

RT: 7.15 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

ClientSampleId :

MW-05MSD

Tot Ion: 79 Resp: 119496

Ion Ratio Lower Upper

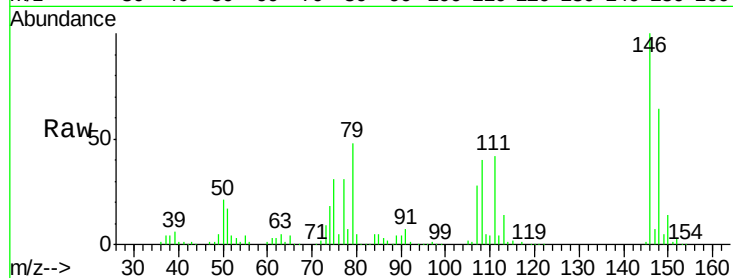
79 100

108 83.9 73.7 110.5

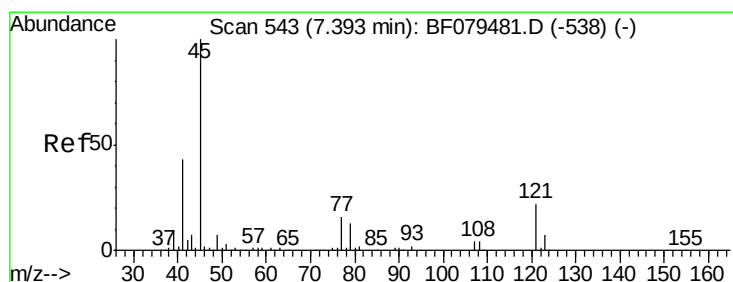
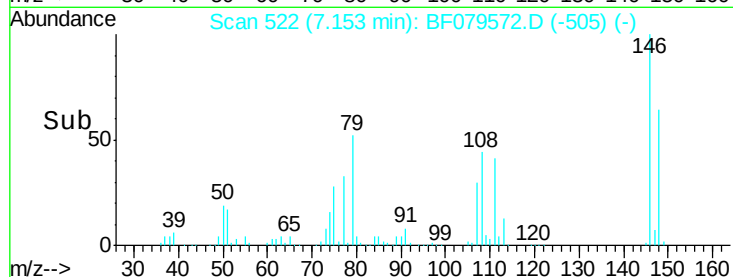
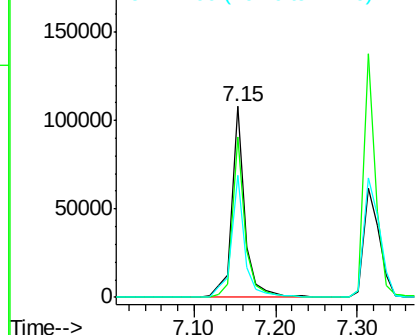
77 64.2 51.1 76.7

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.07 ng

RT: 7.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

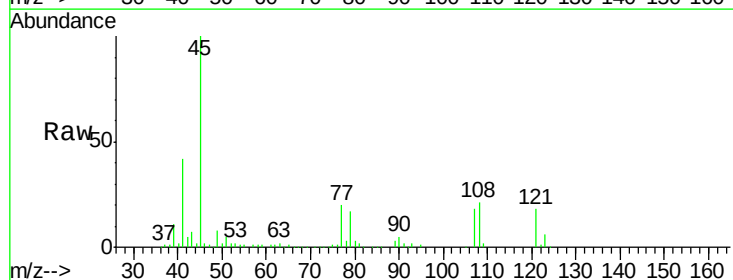
Tgt Ion: 45 Resp: 306613

Ion Ratio Lower Upper

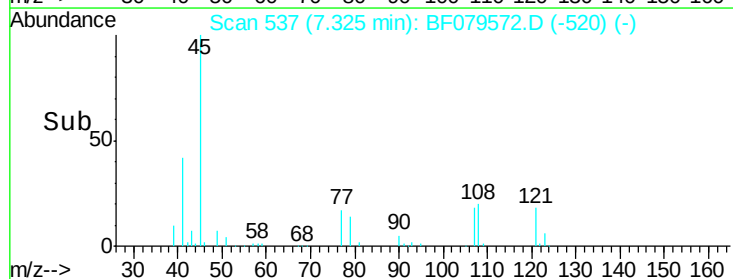
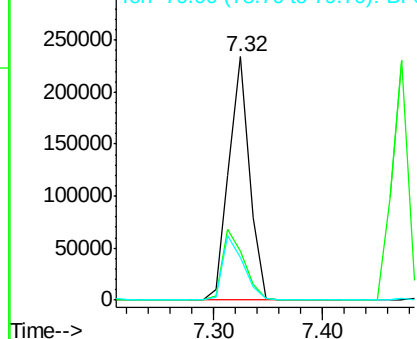
45 100

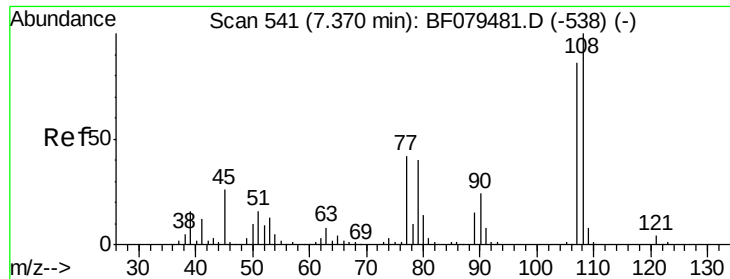
77 20.0 0.0 35.5

79 17.4 0.0 32.8



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





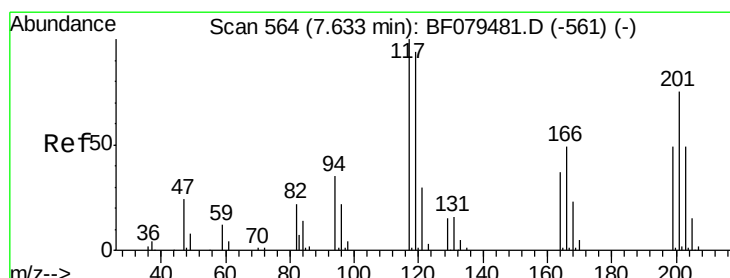
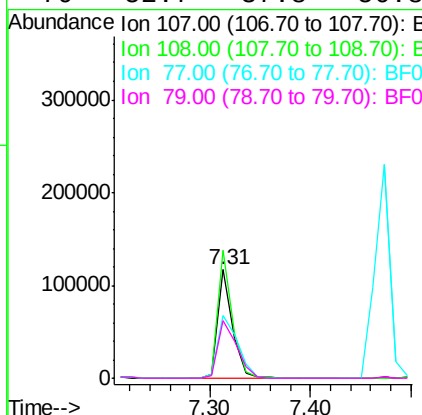
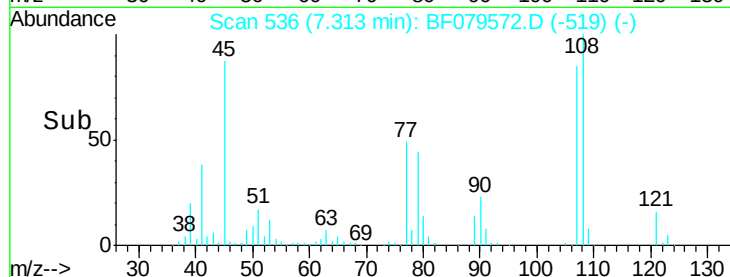
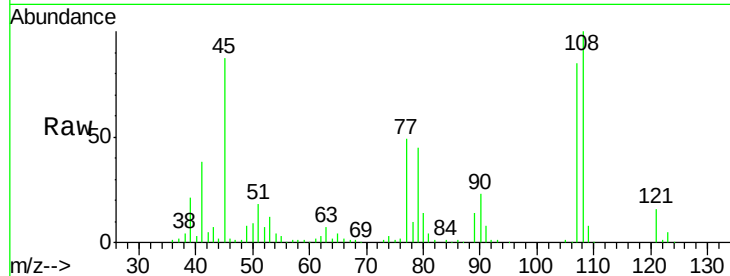
#17  
2-Methylphenol  
Concen: 21.65 ng  
RT: 7.31 min Scan# 536  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 119132 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 117.9 | 93.1  | 139.7  |
| 77        | 57.8  | 39.2  | 58.8   |
| 79        | 52.7  | 37.8  | 56.8   |

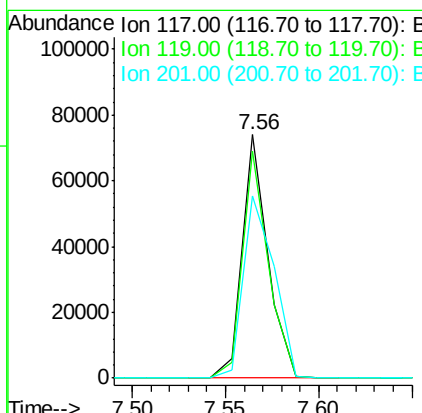
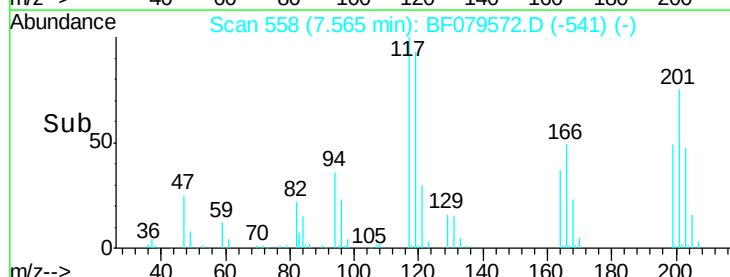
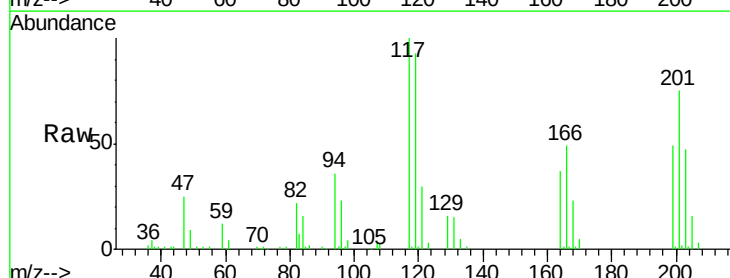
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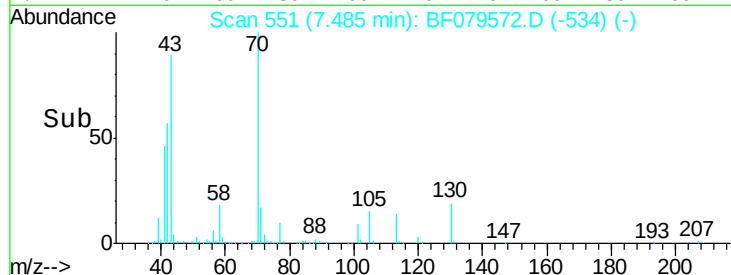
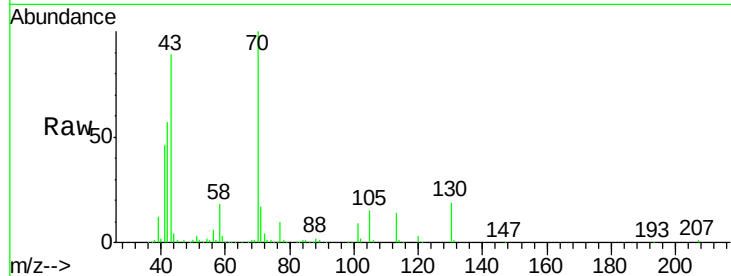
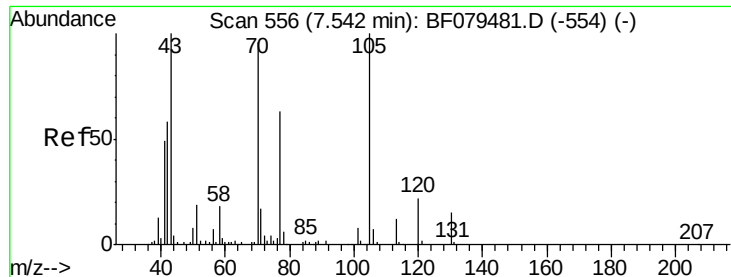
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#18  
Hexachloroethane  
Concen: 25.90 ng  
RT: 7.56 min Scan# 558  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 70578 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.0  | 74.9  | 112.3 |
| 201       | 74.8  | 60.2  | 90.4  |





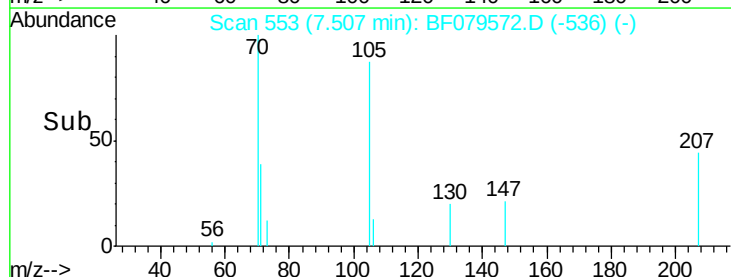
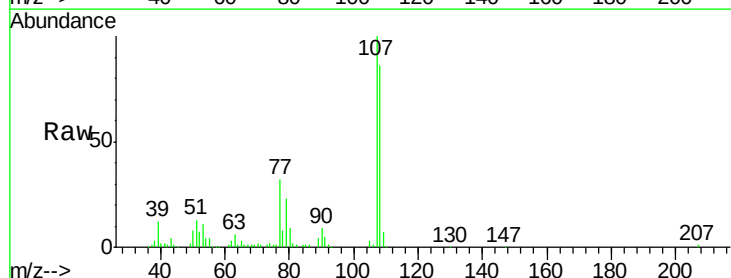
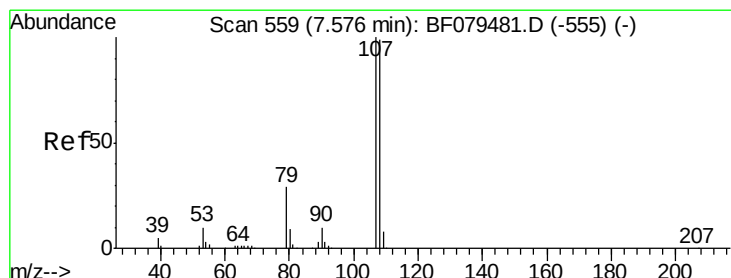
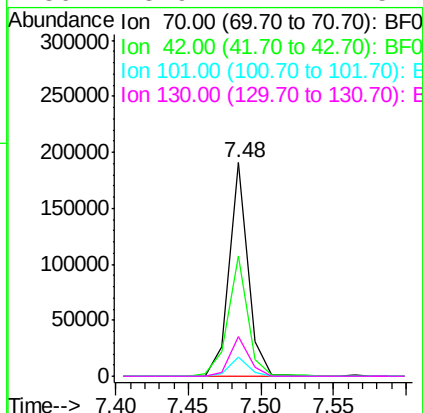
#19  
n-Nitroso-di-n-propylamine  
Concen: 31.93 ng  
RT: 7.48 min Scan# 551  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 56.6  | 48.8  | 73.2  |
| 101     | 9.1   | 6.6   | 9.8   |
| 130     | 18.9  | 12.2  | 18.4# |

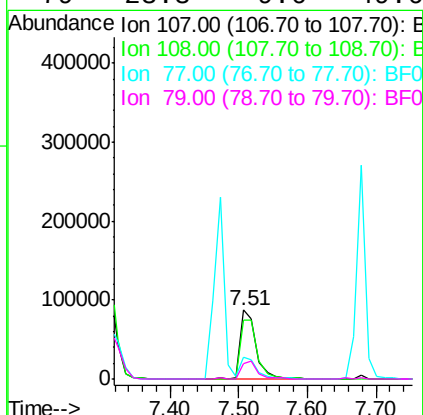
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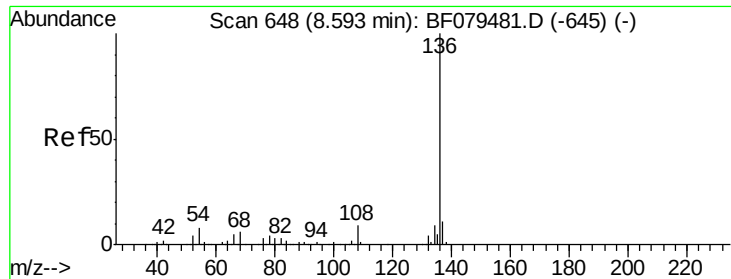
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#20  
3+4-Methylphenols  
Concen: 18.76 ng  
RT: 7.51 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.1  | 77.7  | 117.7 |
| 77      | 31.7  | 11.4  | 51.4  |
| 79      | 23.3  | 9.6   | 49.6  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

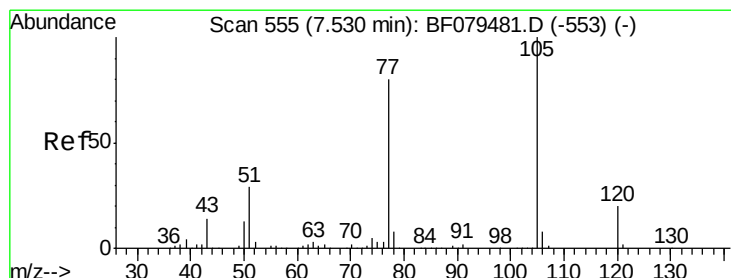
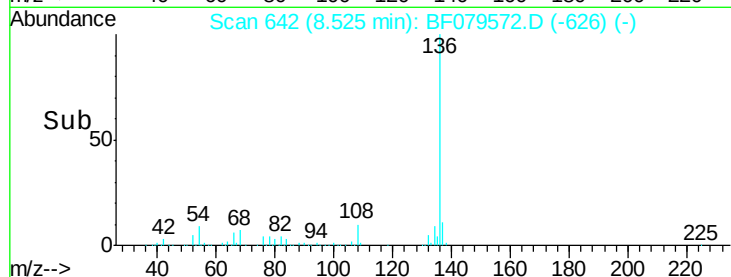
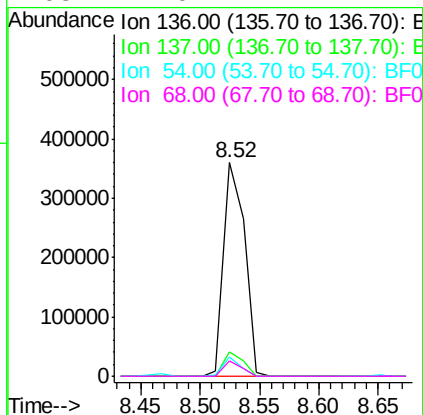
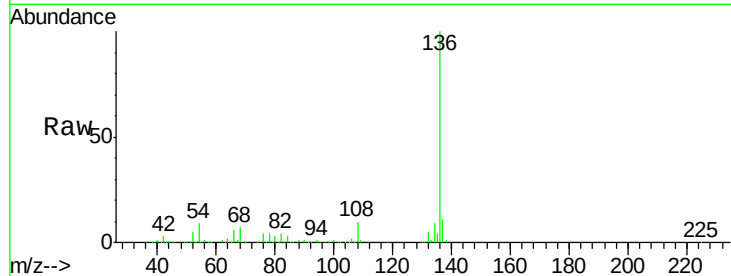
ClientSampleId :

MW-05MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 440482 |       |       |
| 137     | 11.4 |       | 8.5    | 12.7  |       |
| 54      | 9.2  |       | 6.6    | 9.8   |       |
| 68      | 7.0  |       | 4.7    | 7.1   |       |

Manual Integrations  
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#22

Acetophenone

Concen: 33.80 ng

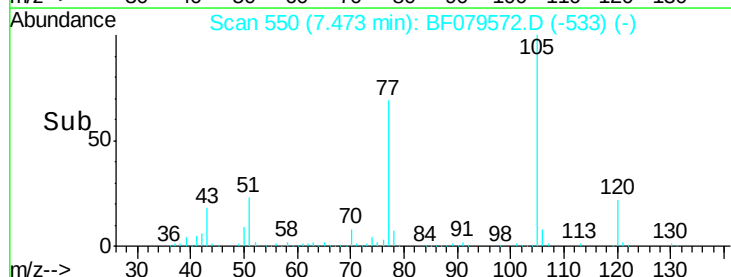
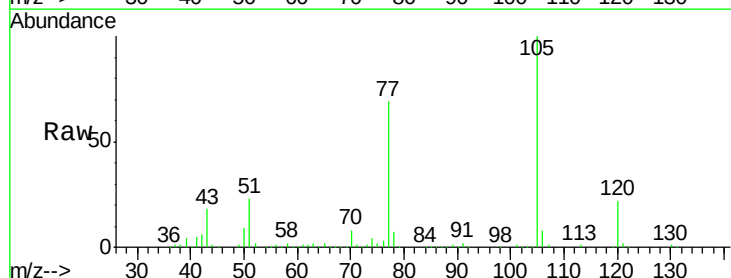
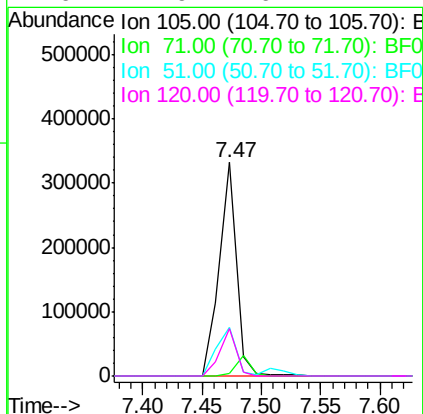
RT: 7.47 min Scan# 550

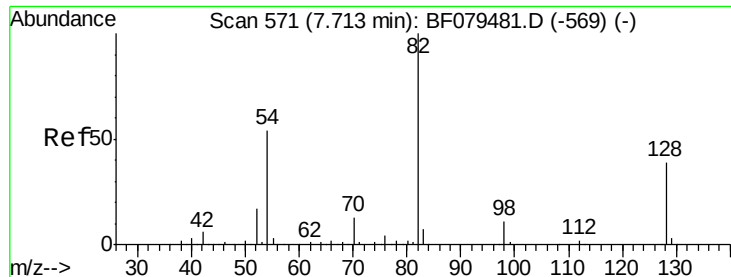
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 333515 |       |       |
| 71      | 1.4  |       | 0.2    | 0.4#  |       |
| 51      | 22.9 |       | 23.7   | 35.5# |       |
| 120     | 21.9 |       | 16.2   | 24.4  |       |





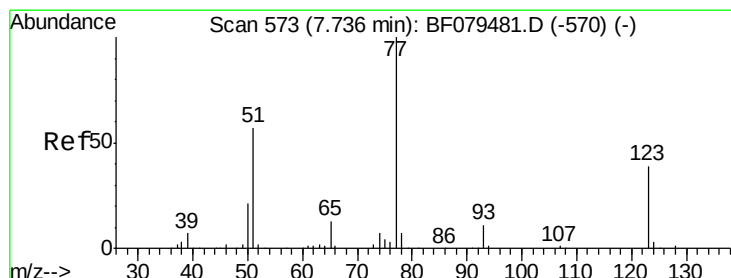
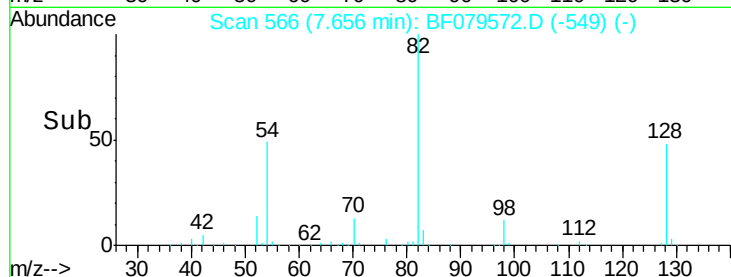
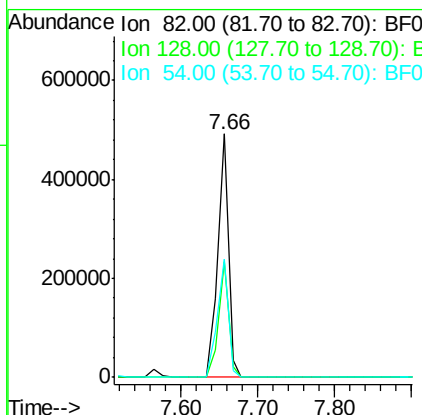
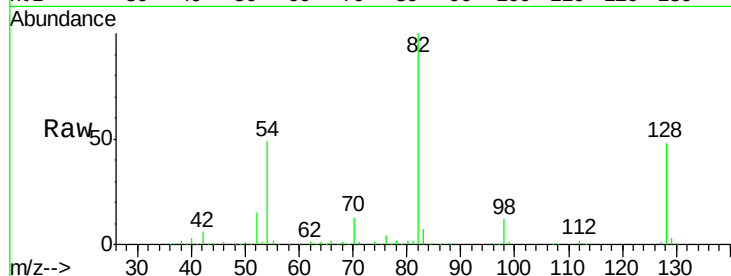
#23  
 Nitrobenzene-d5  
 Concen: 62.53 ng  
 RT: 7.66 min Scan# 566  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 476456 |       |       |
| 128     | 47.6  | 30.8   | 46.2# |       |
| 54      | 48.5  | 42.8   | 64.2  |       |

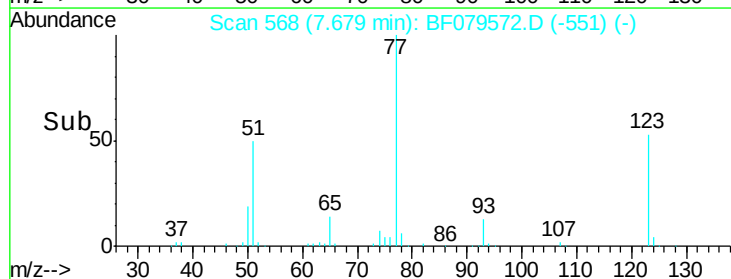
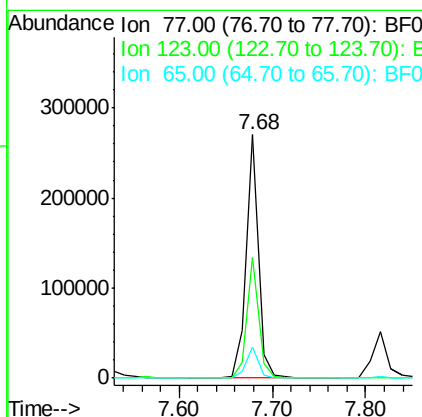
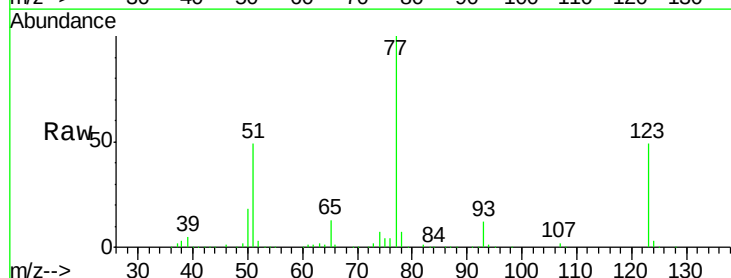
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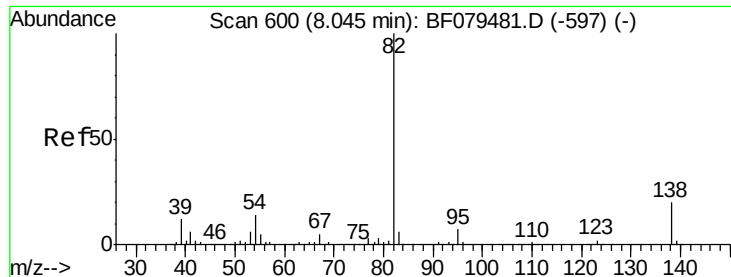


#24  
 Nitrobenzene  
 Concen: 32.52 ng  
 RT: 7.68 min Scan# 568  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 244260 |       |       |
| 123     | 49.4  | 31.0   | 46.4# |       |
| 65      | 13.0  | 10.6   | 15.8  |       |







#25

Isophorone

Concen: 31.22 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

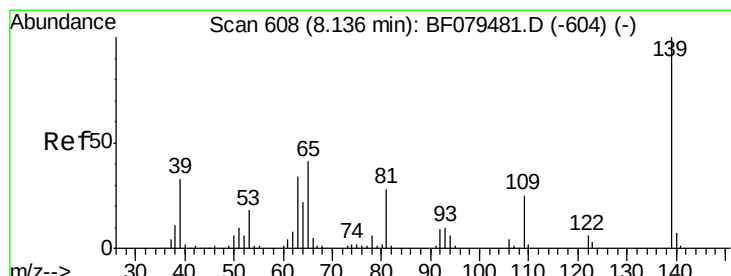
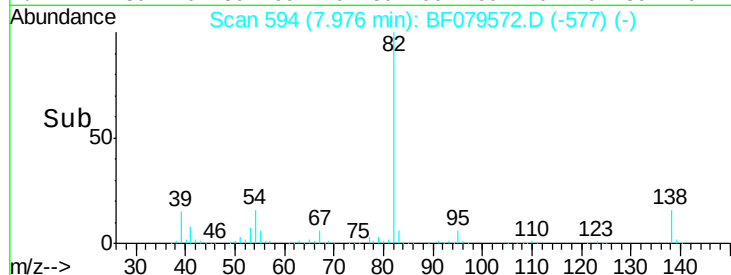
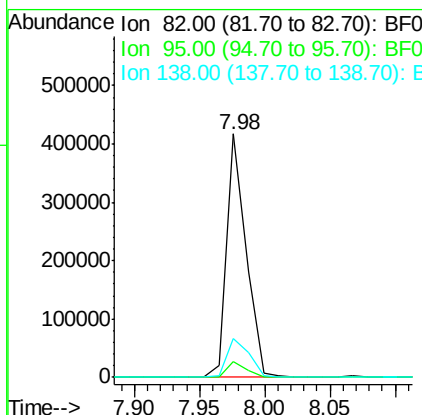
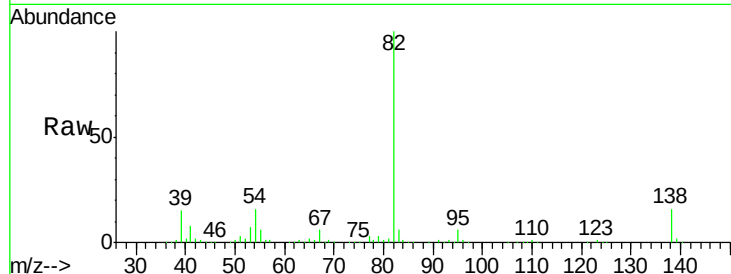
ClientSampleId :

MW-05MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 433562 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.4  | 5.5   | 8.3    |
| 138       | 15.7 | 16.1  | 24.1#  |

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#26

2-Nitrophenol

Concen: 30.72 ng

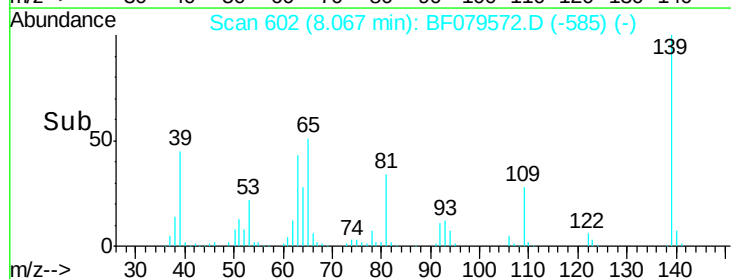
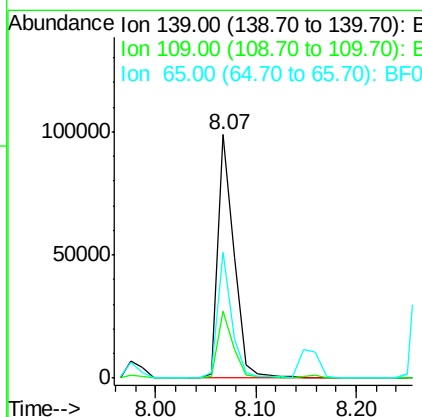
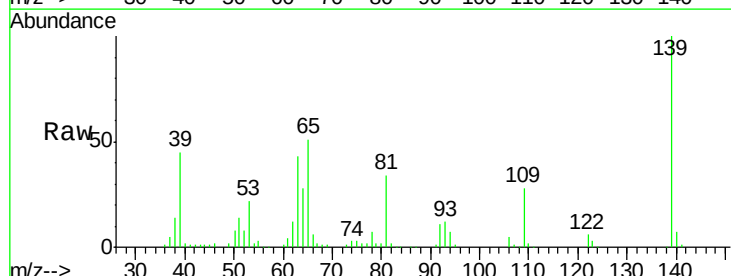
RT: 8.07 min Scan# 602

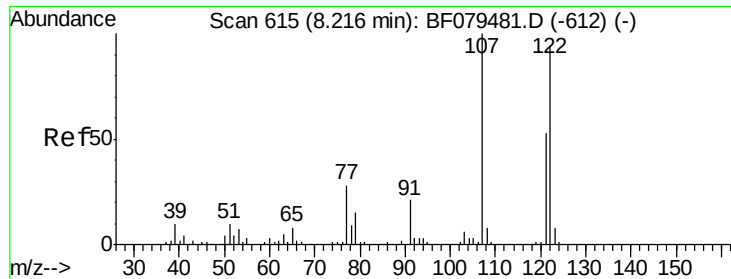
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 109240 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 27.6 | 20.2  | 30.2   |
| 65        | 51.5 | 32.5  | 48.7#  |





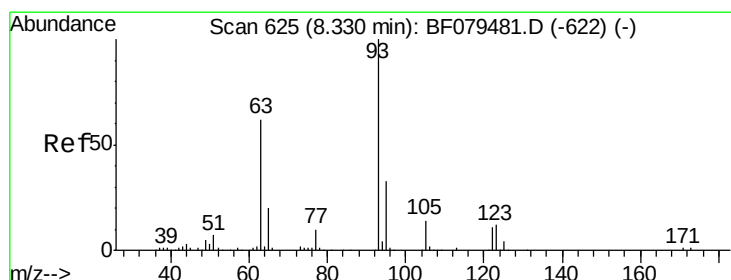
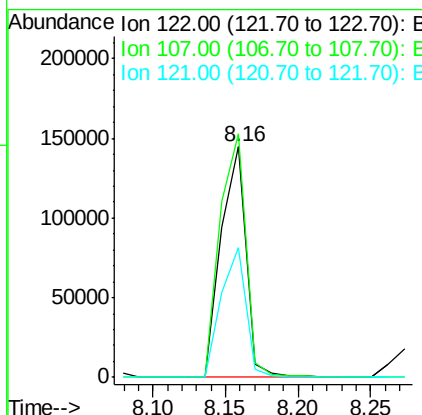
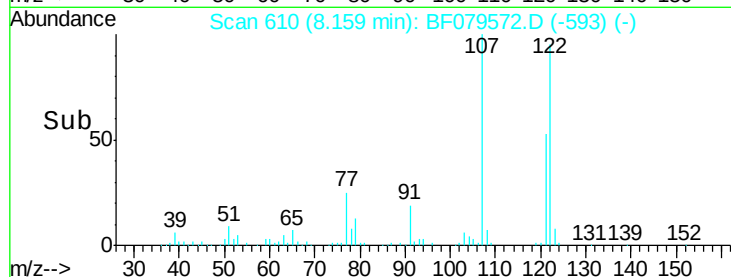
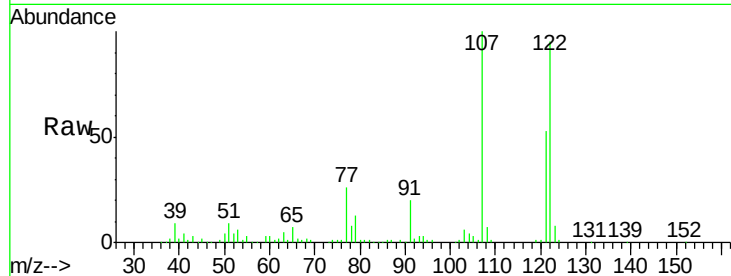
#27  
2,4-Dimethylphenol  
Concen: 27.12 ng  
RT: 8.16 min Scan# 610  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 173352 |       |       |
| 107     | 105.6 | 85.2   | 127.8 |       |
| 121     | 56.4  | 45.2   | 67.8  |       |

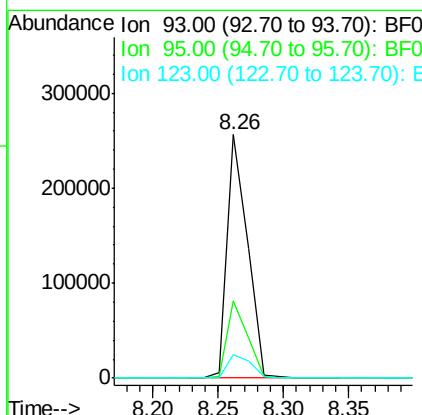
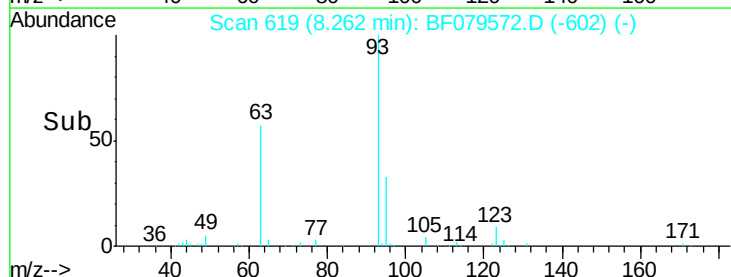
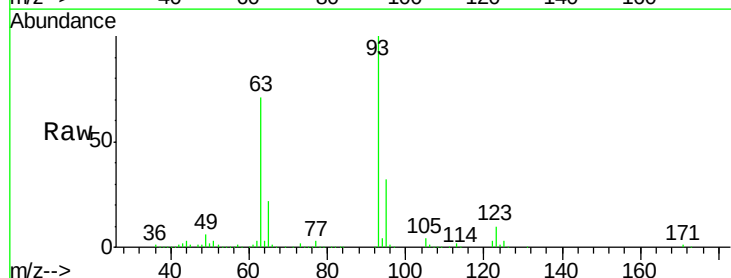
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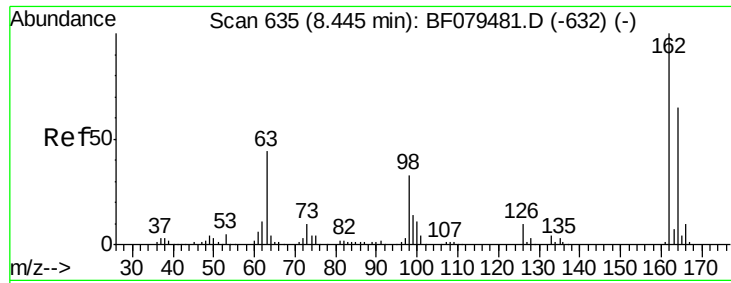
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#28  
bis(2-Chloroethoxy)methane  
Concen: 32.31 ng  
RT: 8.26 min Scan# 619  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 278172 |       |       |
| 95      | 31.8  | 26.6   | 39.8  |       |
| 123     | 9.6   | 9.4    | 14.0  |       |





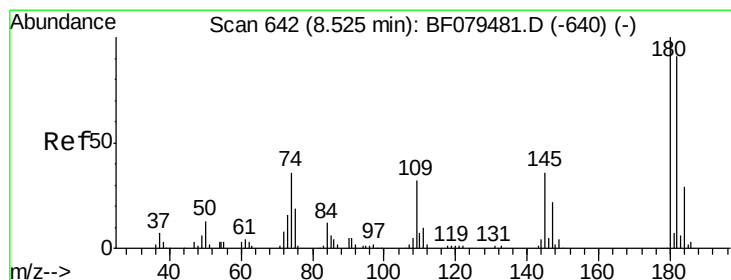
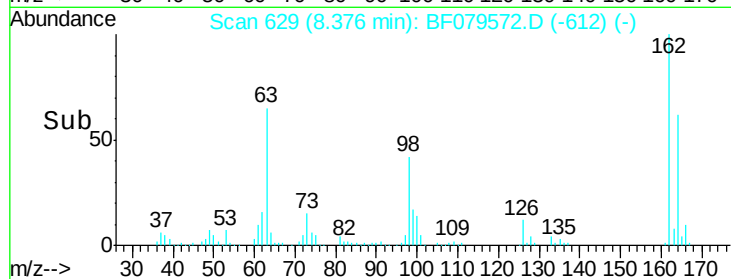
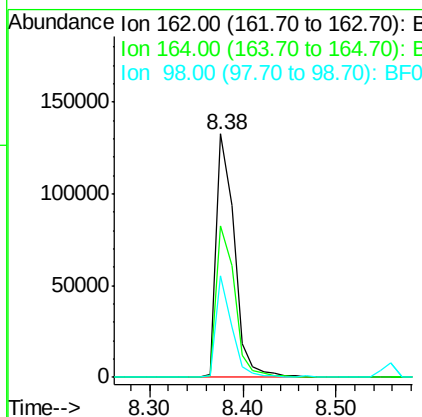
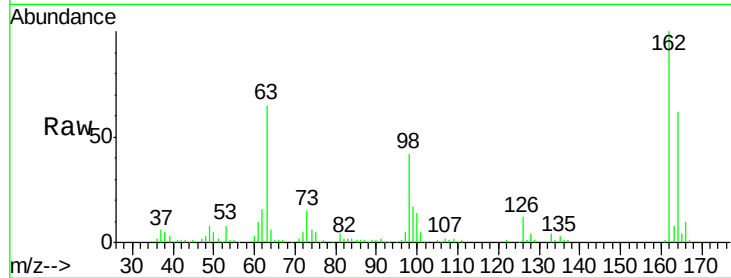
#29  
 2,4-Dichlorophenol  
 Concen: 30.53 ng  
 RT: 8.38 min Scan# 629  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 178743 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.4  | 45.0  | 85.0   |
| 98        | 41.7  | 13.2  | 53.2   |

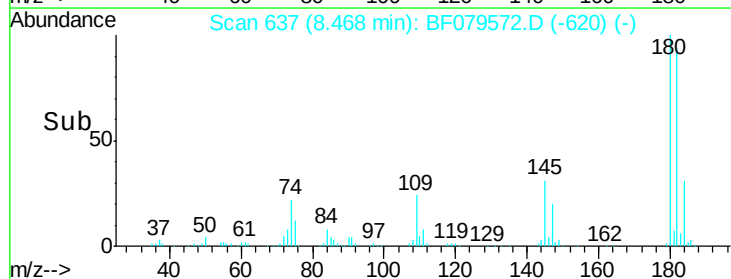
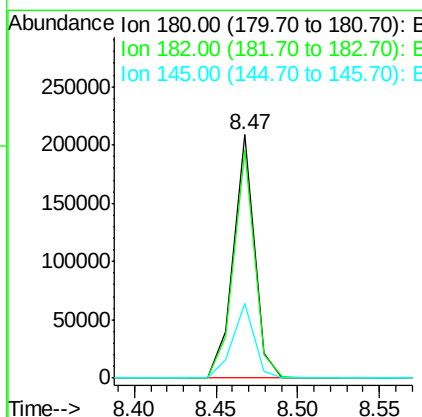
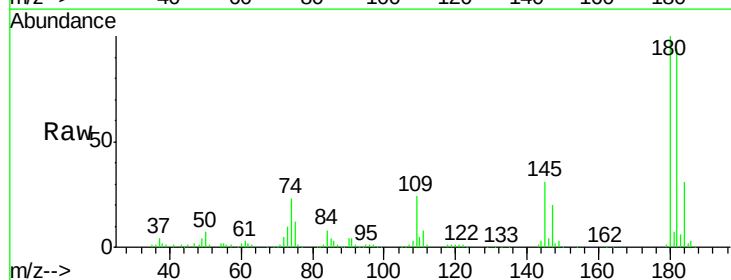
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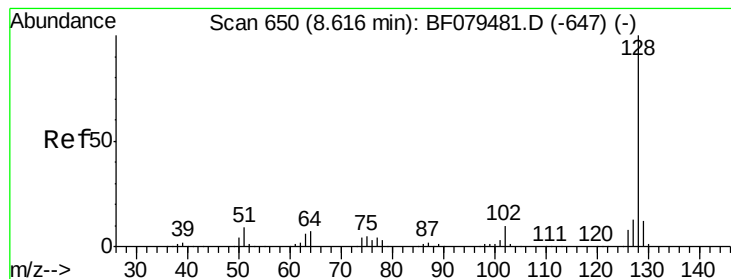
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 30.60 ng  
 RT: 8.47 min Scan# 637  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 185857 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.9  | 73.2  | 109.8  |
| 145       | 30.8  | 28.9  | 43.3   |





#31

Naphthalene

Concen: 30.74 ng

RT: 8.56 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

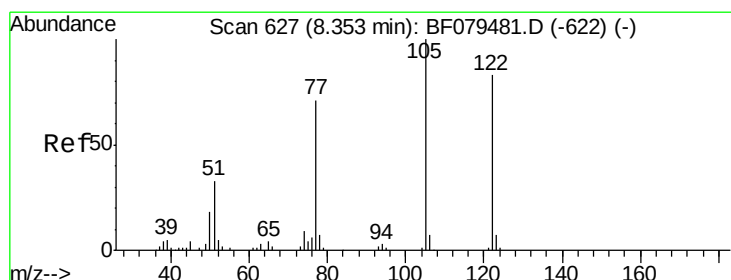
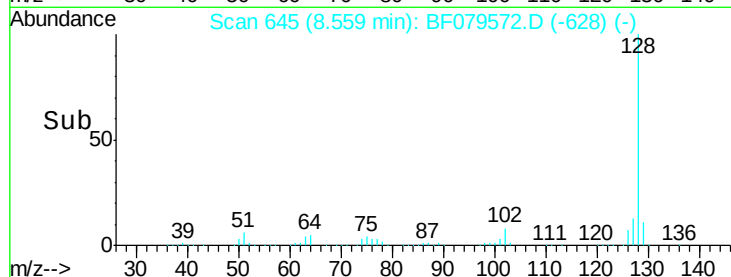
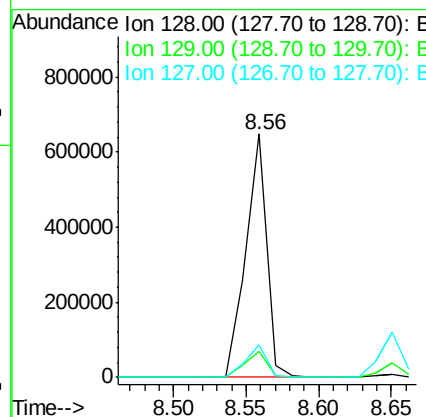
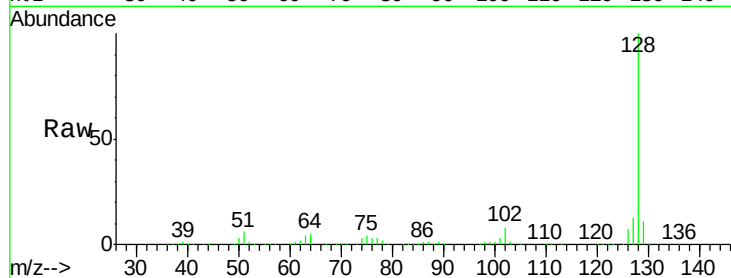
ClientSampleId :

MW-05MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 649827 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 129       | 10.9 | 9.3   | 13.9   |
| 127       | 13.2 | 10.6  | 15.8   |

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#32

Benzoic acid

Concen: 8.58 ng

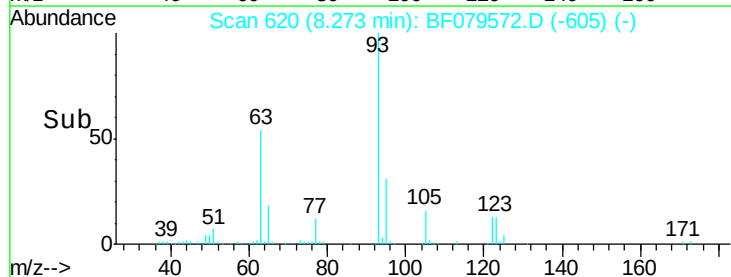
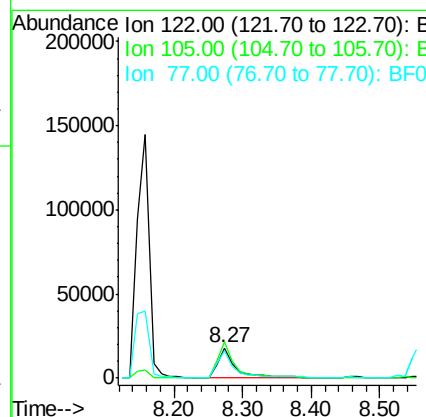
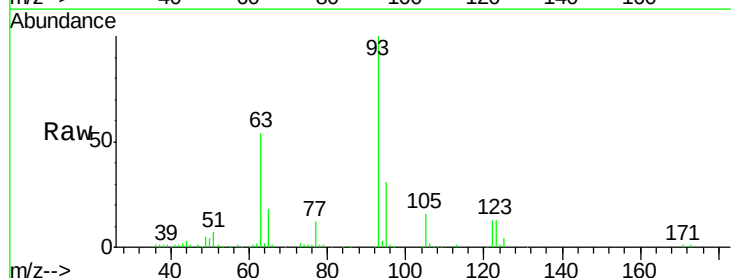
RT: 8.27 min Scan# 620

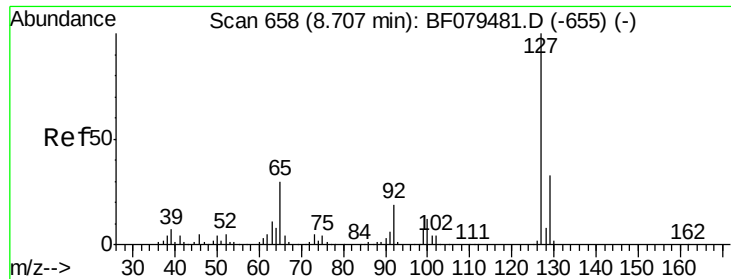
Delta R.T. -0.02 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 34037 |
| Ion Ratio |       | Lower | Upper |
| 122       | 100   |       |       |
| 105       | 120.4 | 100.2 | 140.2 |
| 77        | 91.1  | 64.8  | 104.8 |





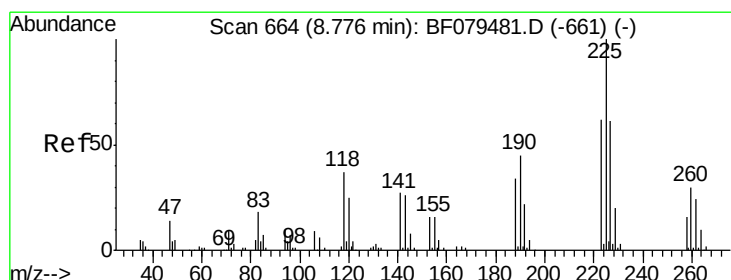
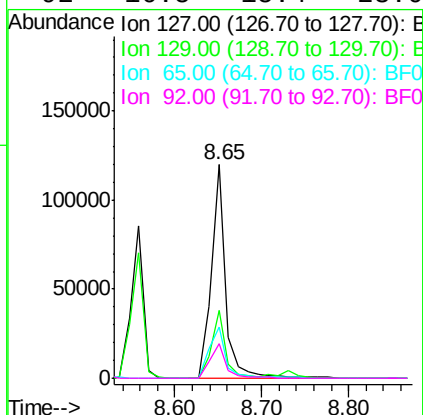
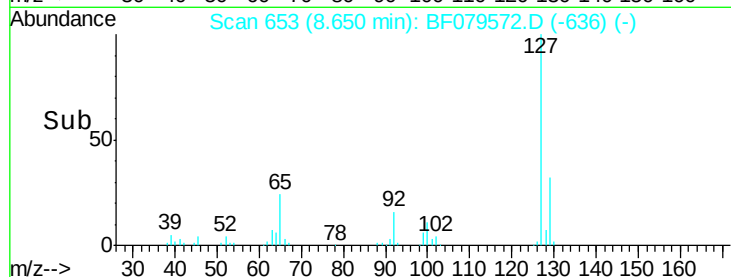
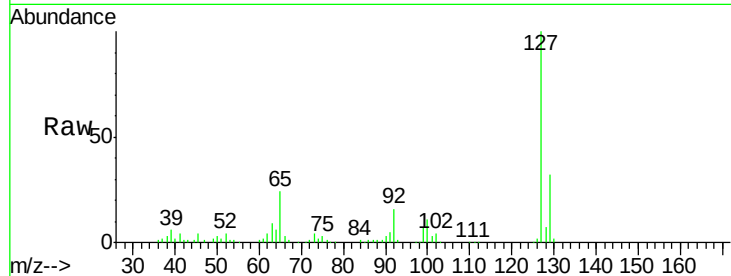
#33  
4-Chloroaniline  
Concen: 15.73 ng  
RT: 8.65 min Scan# 653  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.0  | 26.2  | 39.2  |
| 65      | 23.9  | 24.2  | 36.4  |
| 92      | 16.5  | 15.4  | 23.0  |

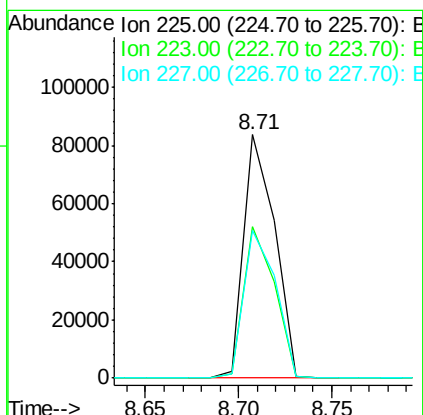
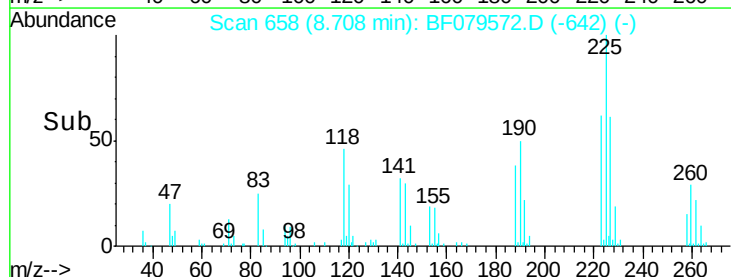
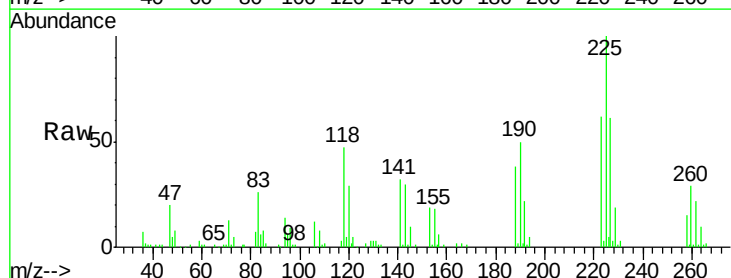
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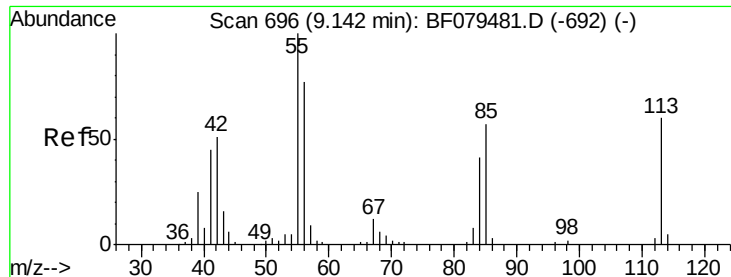
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#34  
Hexachlorobutadiene  
Concen: 27.96 ng  
RT: 8.71 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.0  | 49.9  | 74.9  |
| 227     | 60.7  | 48.9  | 73.3  |





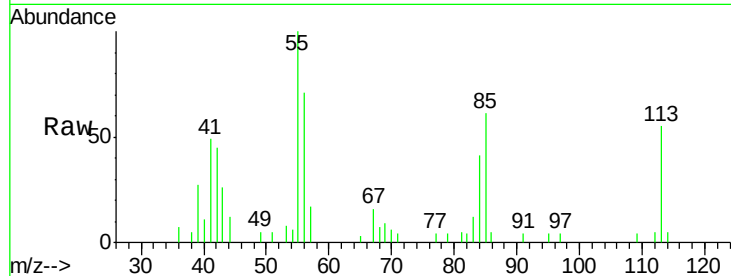
#35  
 Caprolactam  
 Concen: 4.51 ng  
 RT: 9.10 min Scan# 692  
 Delta R.T. 0.01 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

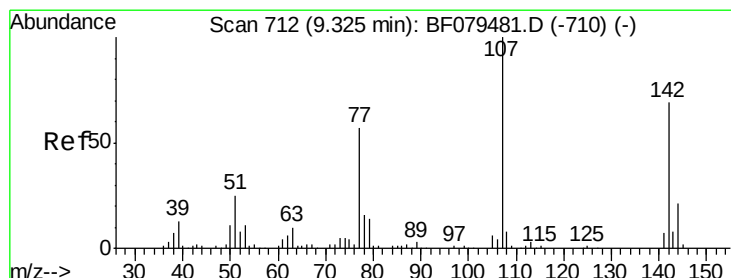
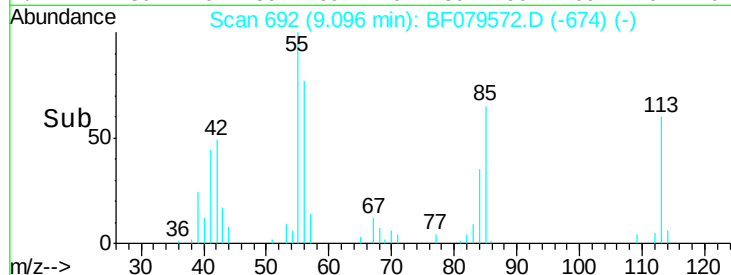
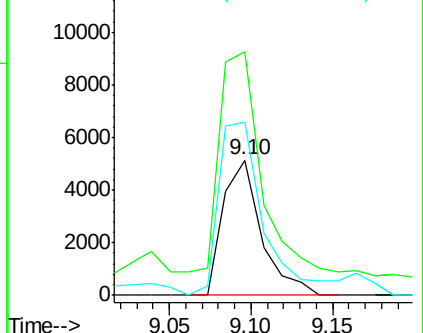
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 180.2 | 147.2 | 187.2 |
| 56      | 128.6 | 108.6 | 148.6 |

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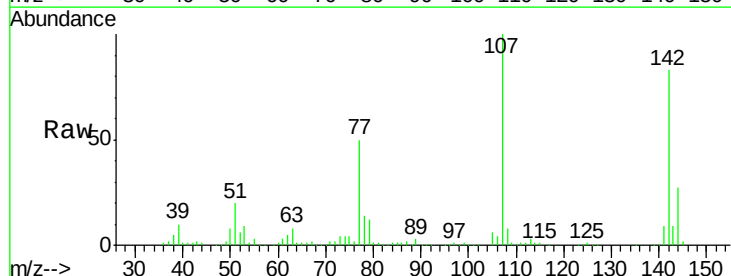


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

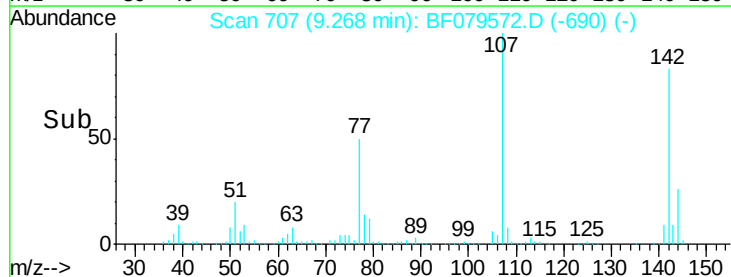
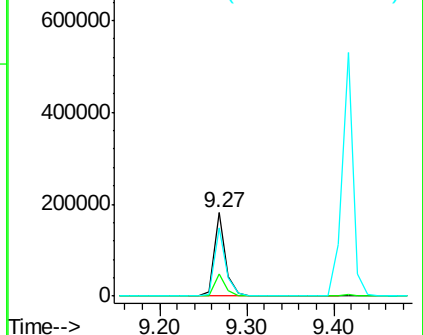


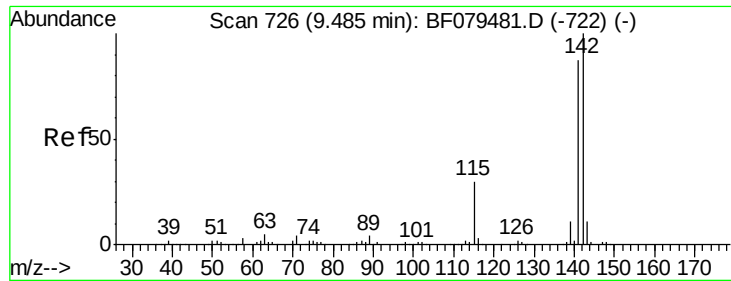
#36  
 4-Chloro-3-methylphenol  
 Concen: 27.55 ng  
 RT: 9.27 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.6  | 16.9  | 25.3# |
| 142     | 82.6  | 55.2  | 82.8  |



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: 32.61 ng

RT: 9.42 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

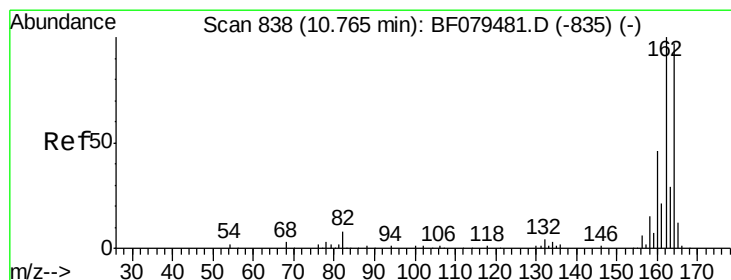
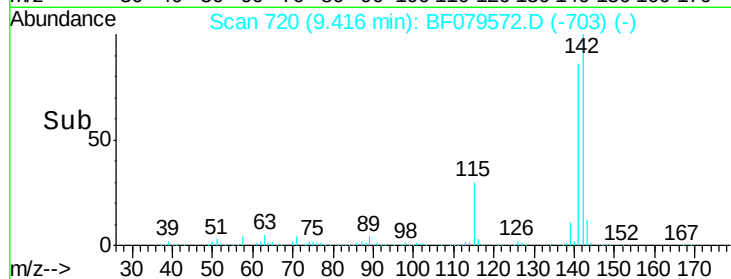
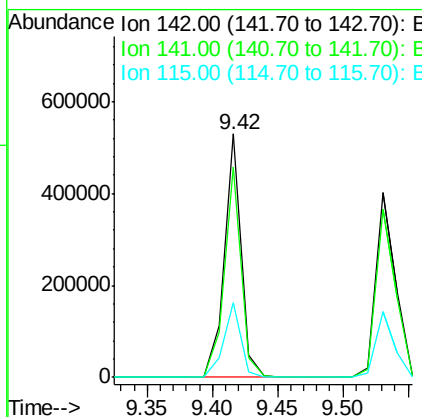
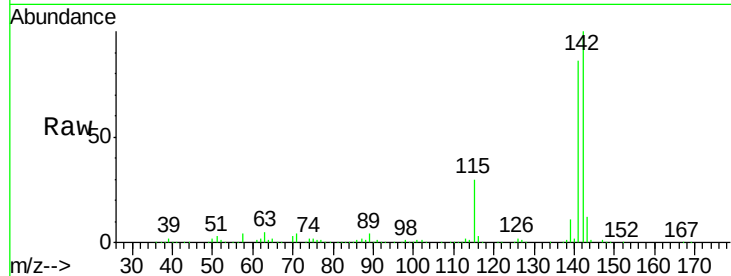
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 478658 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 86.3  | 69.5  | 104.3  |
| 115       | 30.5  | 23.8  | 35.6   |

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#38

Acenaphthene-d10

Concen: 20.00 ng

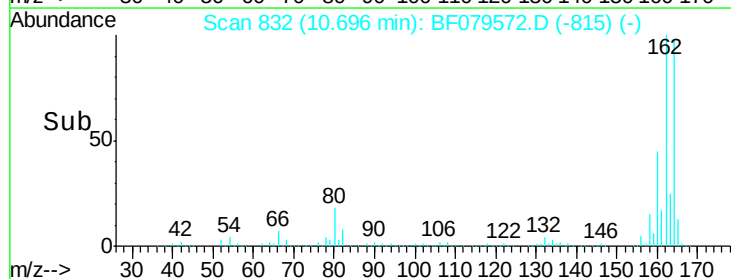
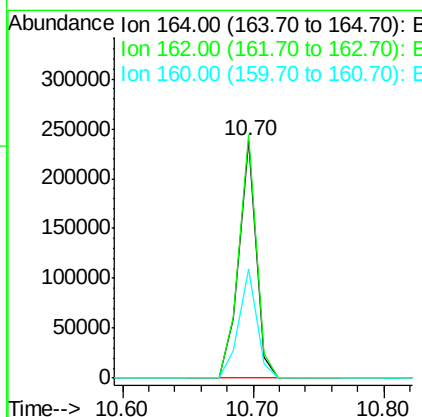
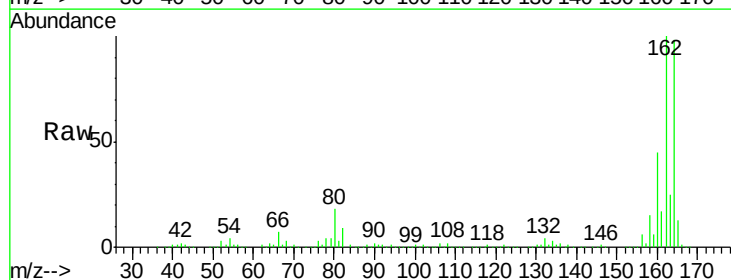
RT: 10.70 min Scan# 832

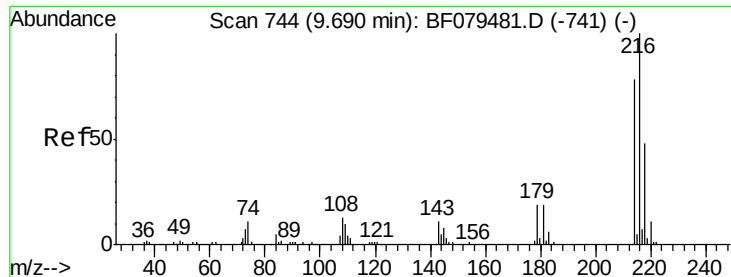
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 219550 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.5 | 82.6  | 124.0  |
| 160       | 45.9  | 37.7  | 56.5   |





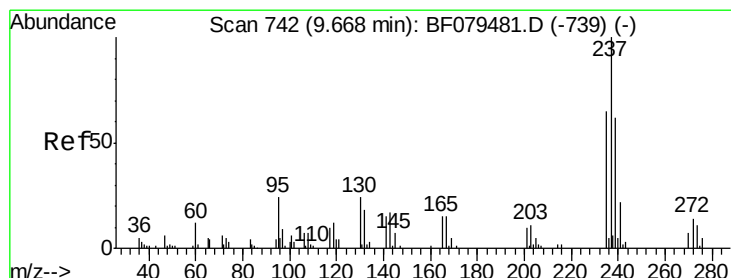
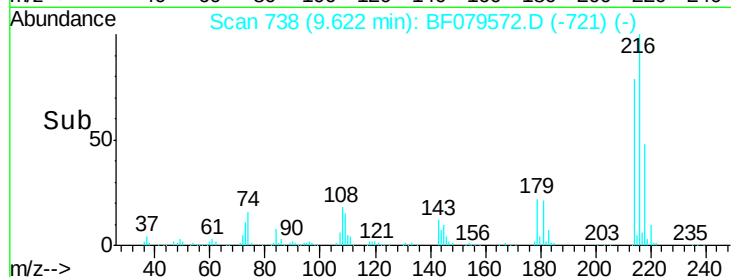
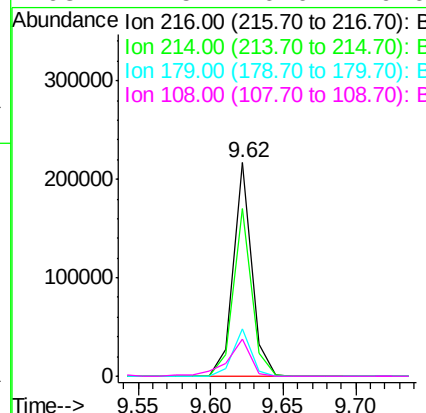
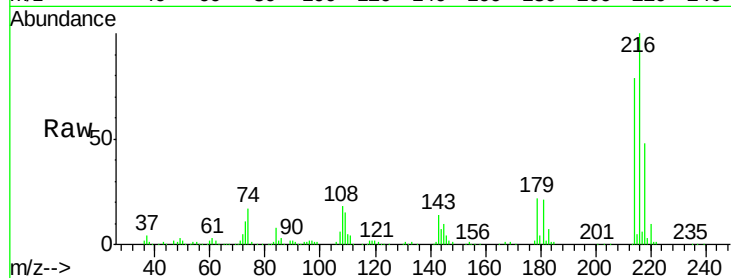
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 31.04 ng  
 RT: 9.62 min Scan# 738  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       |      |       |       |
| 214     | 78.2 | 0.0   | 0.0  |       |       |
| 179     | 21.8 | 0.0   | 0.0  |       |       |
| 108     | 21.5 | 0.0   | 0.0  |       |       |

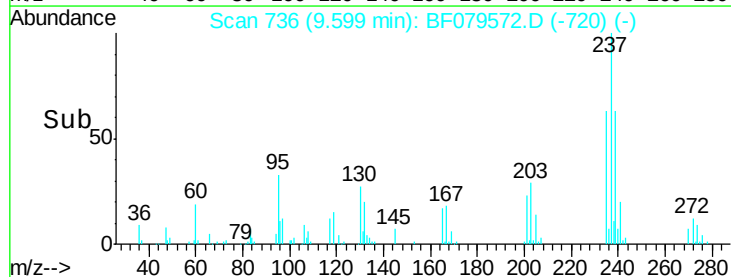
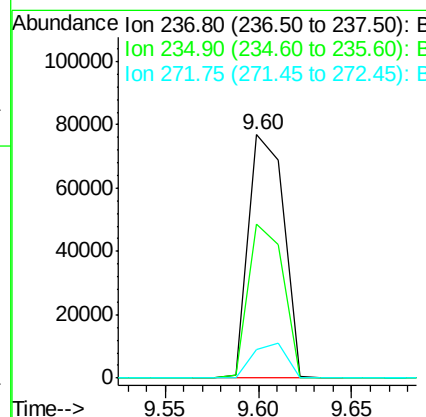
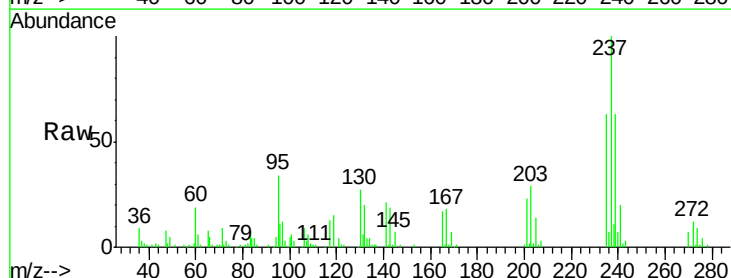
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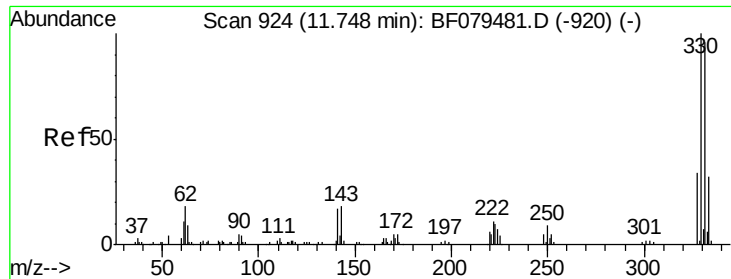


#40  
 Hexachlorocyclopentadiene  
 Concen: 61.40 ng  
 RT: 9.60 min Scan# 736  
 Delta R.T. -0.01 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 63.3 | 45.0  | 85.0 |       |       |
| 272     | 11.7 | 0.0   | 33.9 |       |       |







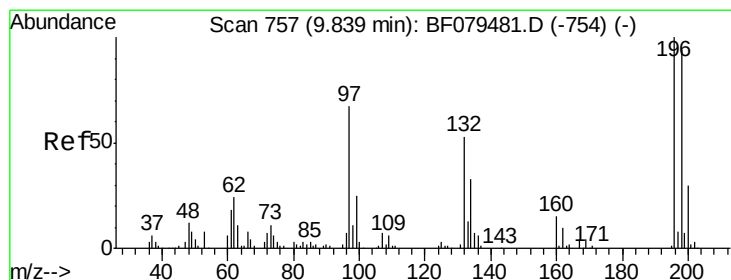
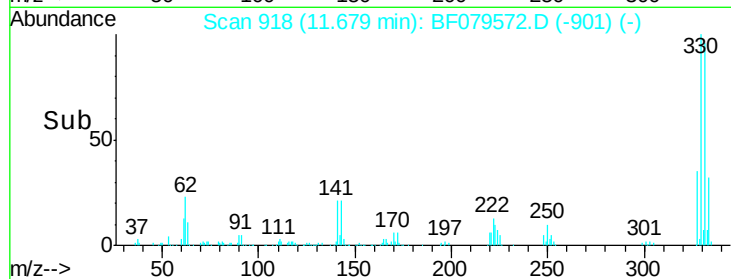
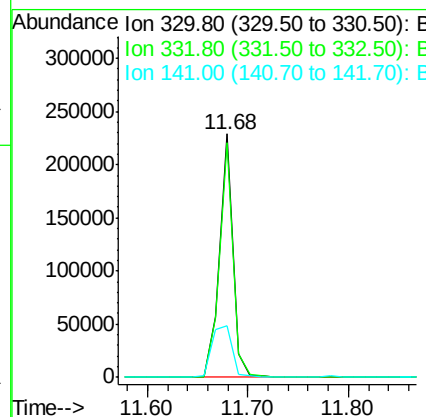
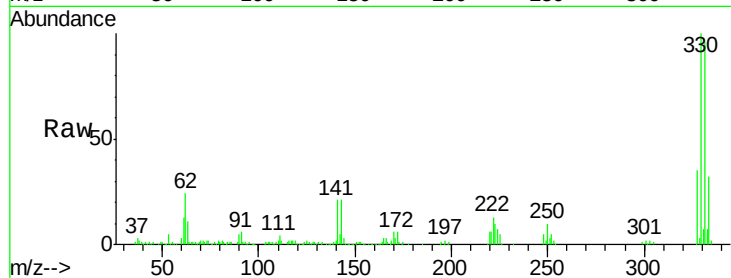
#41  
 2,4,6-Tribromophenol  
 Concen: 89.47 ng  
 RT: 11.68 min Scan# 918  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.3  | 0.0        | 0.0#  |
| 141     | 31.8  | 0.0        | 0.0#  |

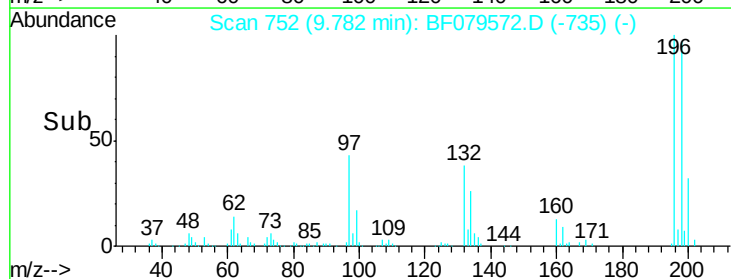
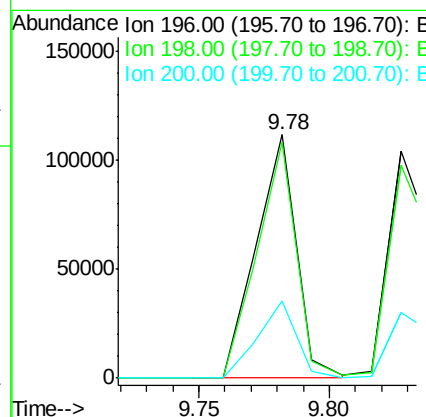
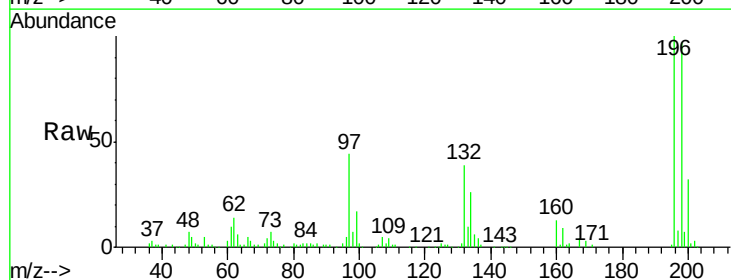
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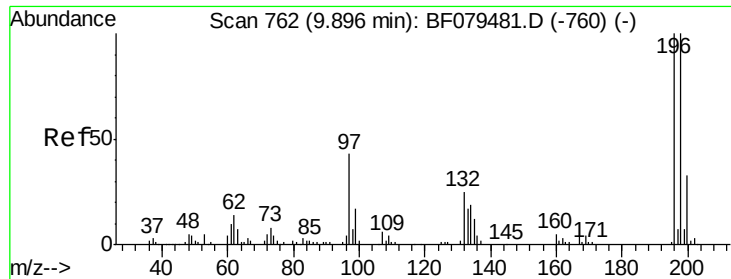
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#42  
 2,4,6-Trichlorophenol  
 Concen: 28.13 ng  
 RT: 9.78 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 96.7  | 75.3       | 112.9 |
| 200     | 31.6  | 23.8       | 35.8  |





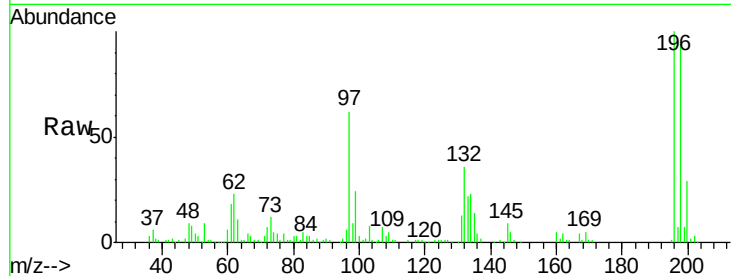
#43  
 2,4,5-Trichlorophenol  
 Concen: 29.90 ng  
 RT: 9.83 min Scan# 756  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

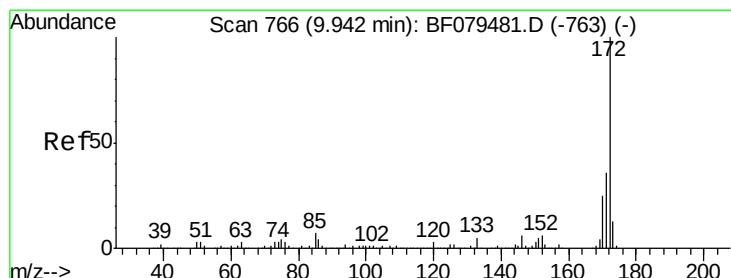
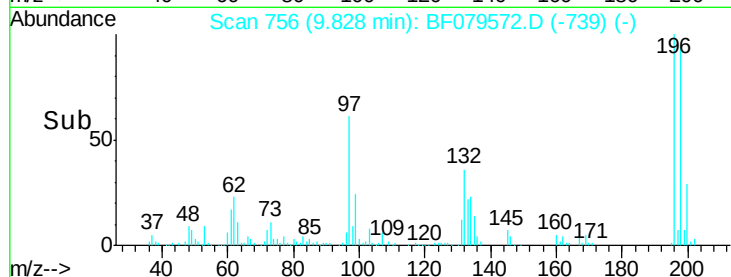
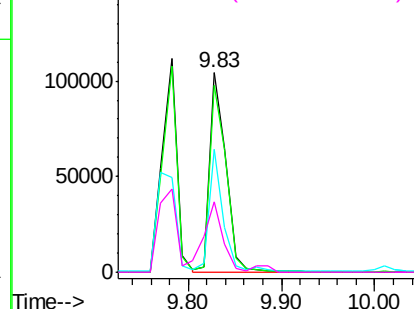
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 127635 |       |       |
| 198     | 93.6  | 80.3   | 120.5 |       |
| 97      | 61.7  | 34.8   | 52.2  | #     |
| 132     | 35.6  | 20.6   | 31.0  | #     |

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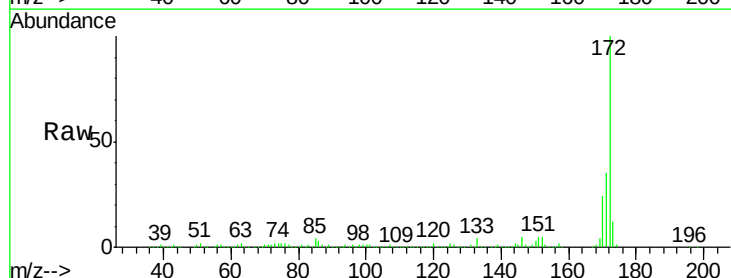


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

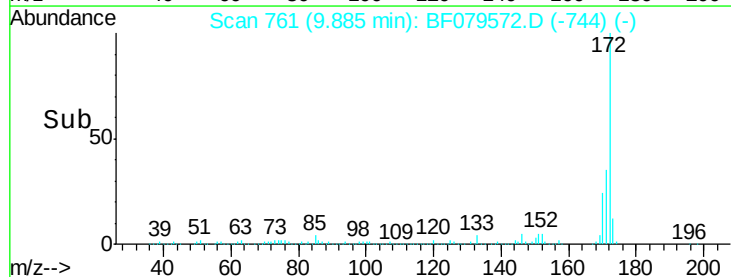
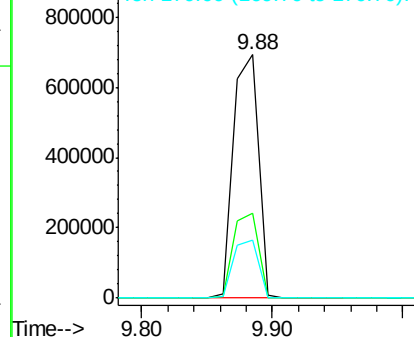


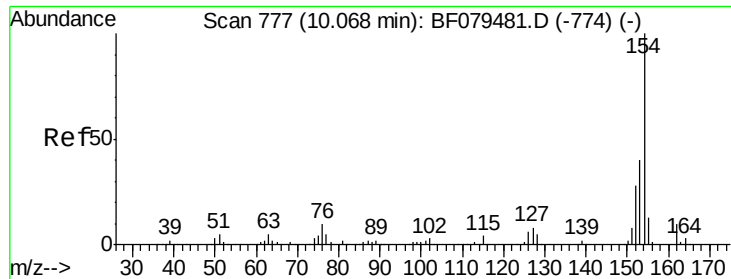
#44  
 2-Fluorobiphenyl  
 Concen: 59.69 ng  
 RT: 9.88 min Scan# 761  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 918601 |       |       |
| 171     | 34.9  | 28.5   | 42.7  |       |
| 170     | 23.9  | 19.7   | 29.5  |       |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.45 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

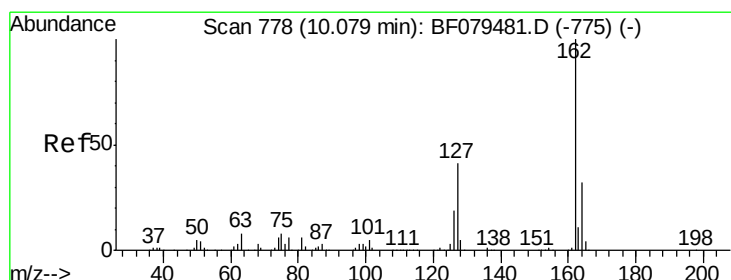
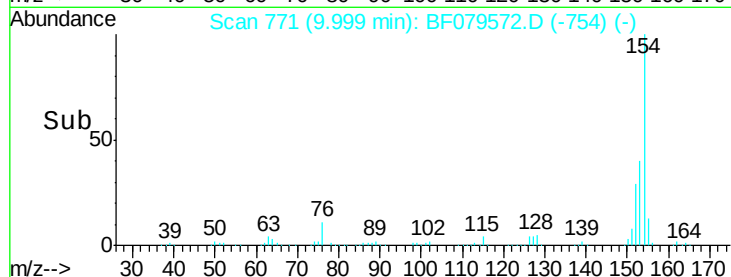
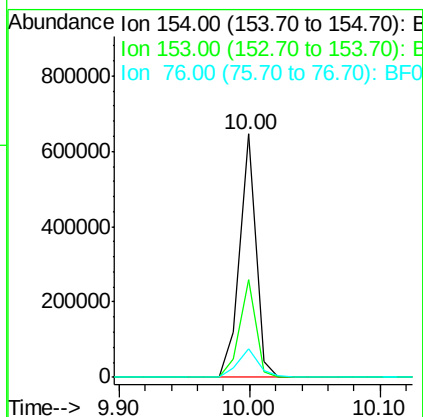
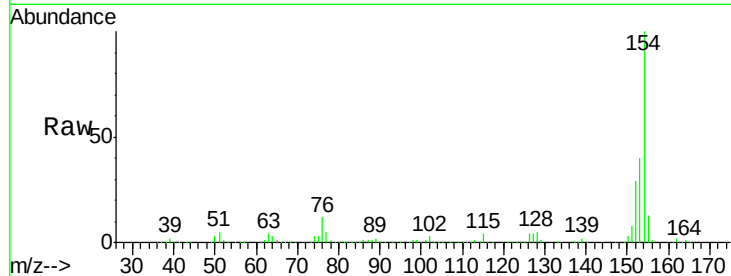
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 556456 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.3  | 19.5  | 59.5   |
| 76        | 11.7  | 0.0   | 29.6   |

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#46

2-Chloronaphthalene

Concen: 30.42 ng

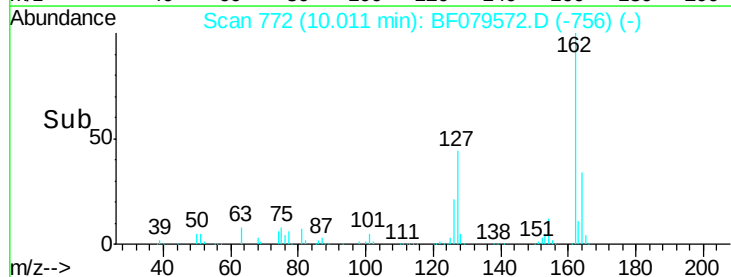
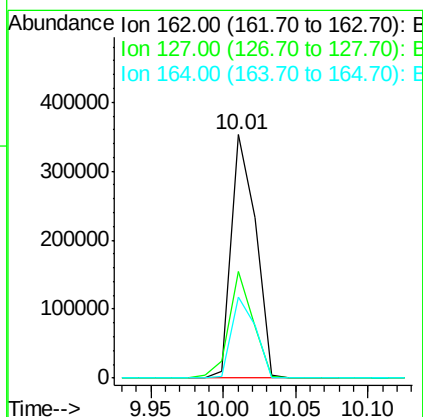
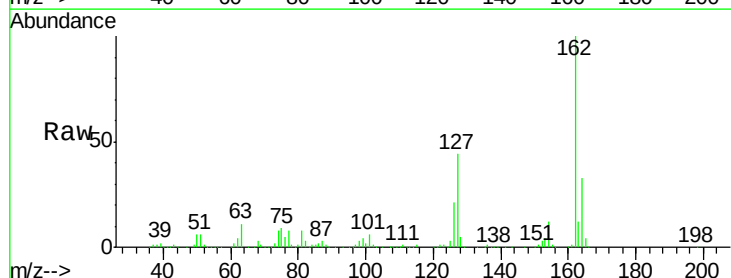
RT: 10.01 min Scan# 772

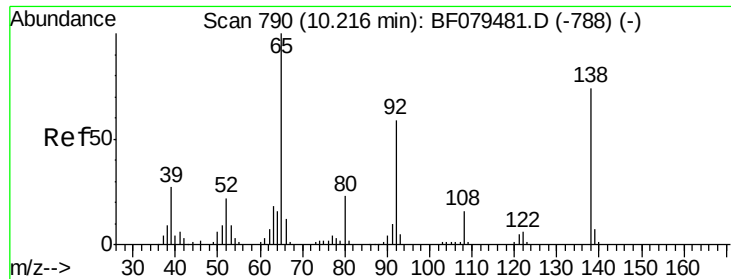
Delta R.T. -0.01 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 412024 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 43.6  | 32.7  | 49.1   |
| 164       | 33.5  | 25.8  | 38.6   |





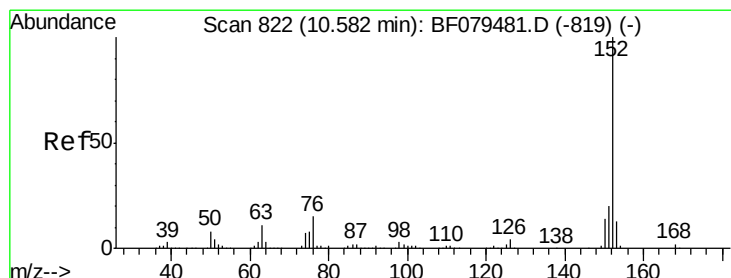
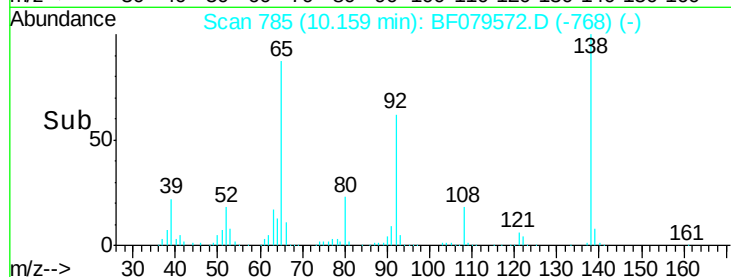
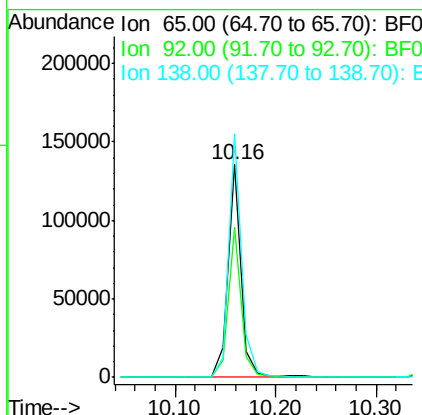
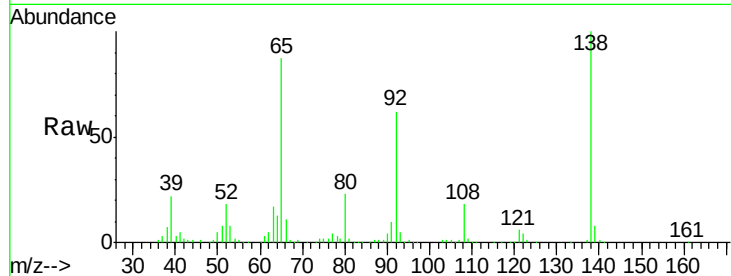
#47  
2-Nitroaniline  
Concen: 30.68 ng  
RT: 10.16 min Scan# 785  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.7  | 47.2  | 70.8  |
| 138     | 114.6 | 59.2  | 88.8  |

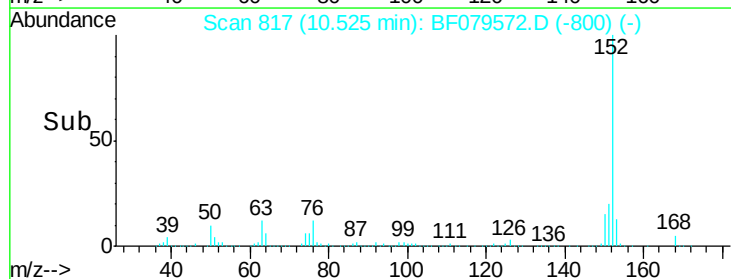
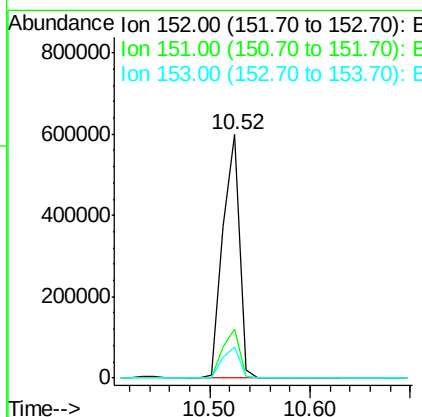
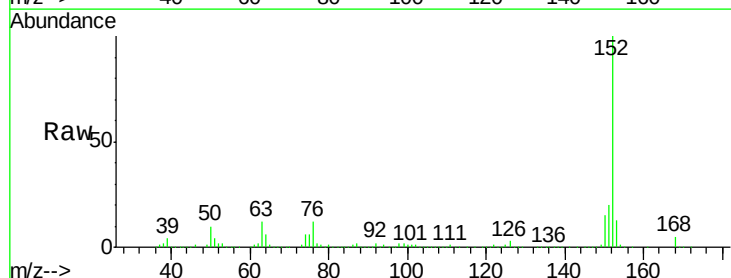
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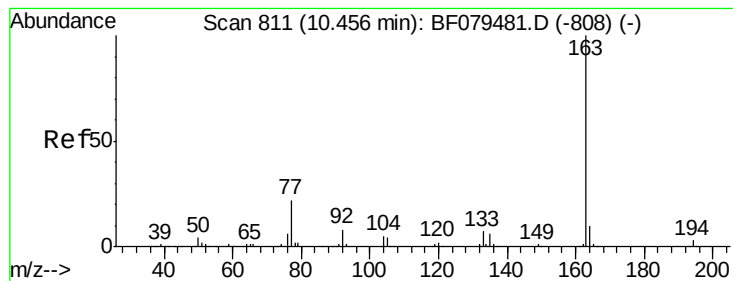
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#48  
Acenaphthylene  
Concen: 30.59 ng  
RT: 10.52 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 15.8  | 23.8  |
| 153     | 12.9  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 31.01 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

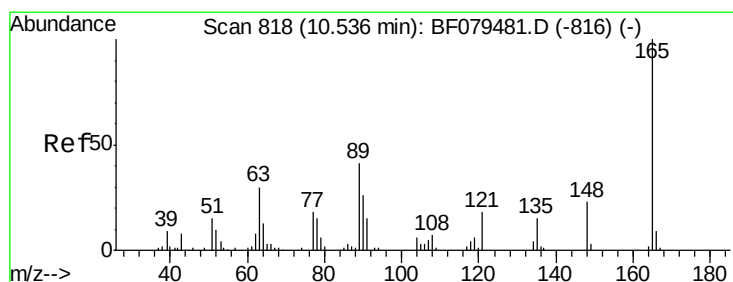
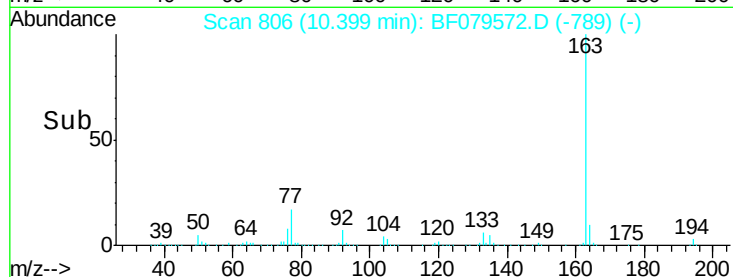
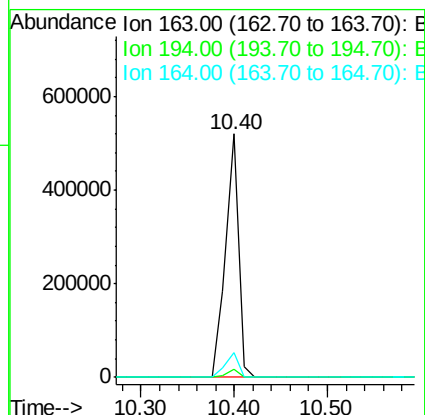
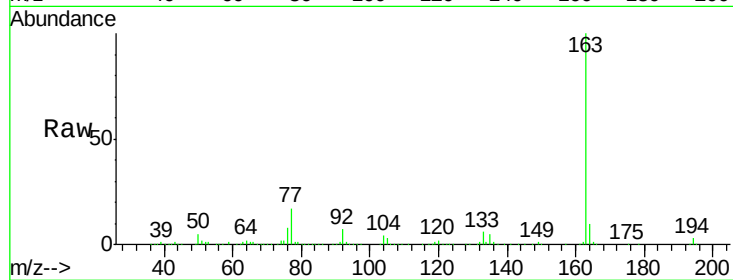
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 501617 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 2.4   | 3.6    |
| 164       | 10.0  | 8.2   | 12.4   |

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#50

2,6-Dinitrotoluene

Concen: 32.38 ng

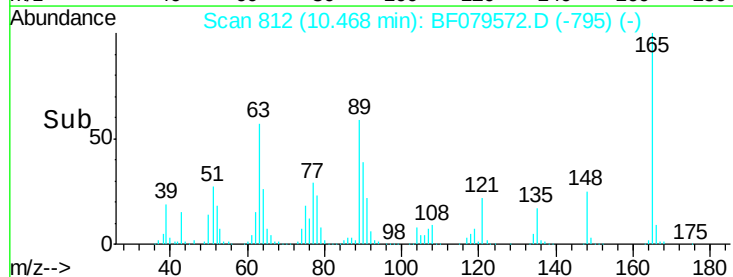
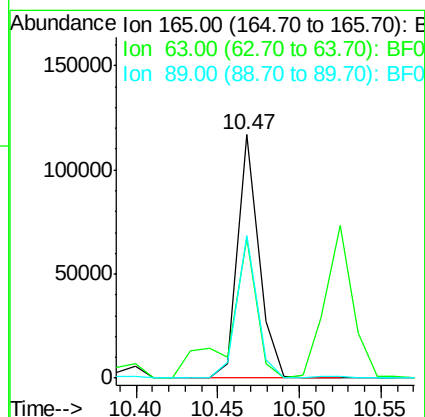
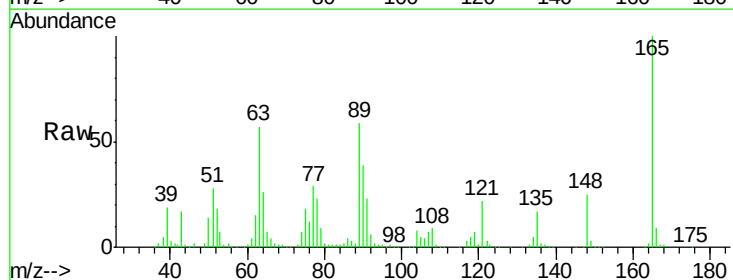
RT: 10.47 min Scan# 812

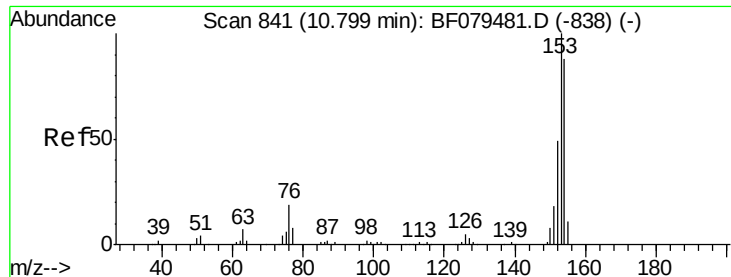
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 104635 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 57.5  | 27.7  | 41.5#  |
| 89        | 58.7  | 33.7  | 50.5#  |





#51

Acenaphthene

Concen: 29.48 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

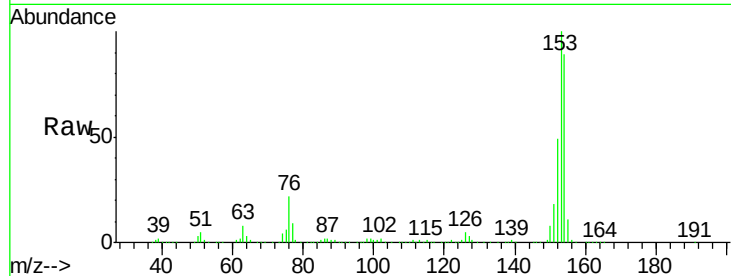
ClientSampleId :

MW-05MSD

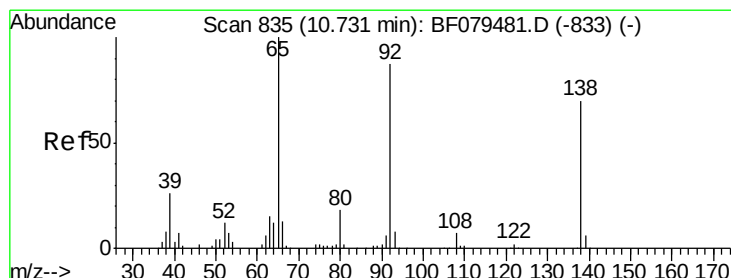
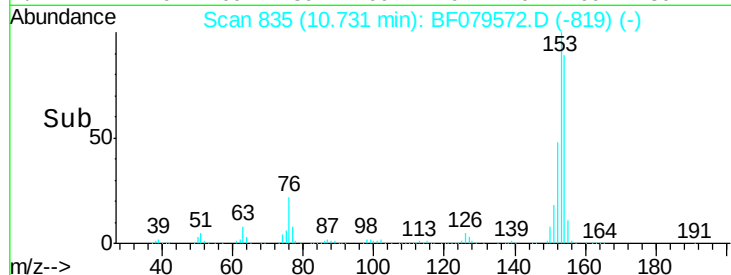
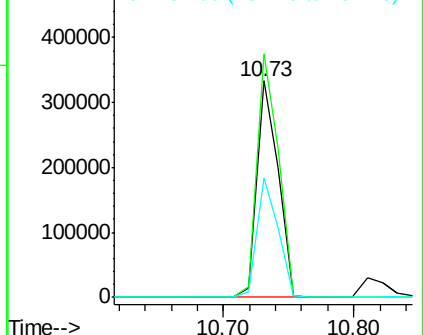
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 378924 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.5 | 91.1  | 136.7  |
| 152       | 55.0  | 44.6  | 66.8   |

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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: 15.45 ng

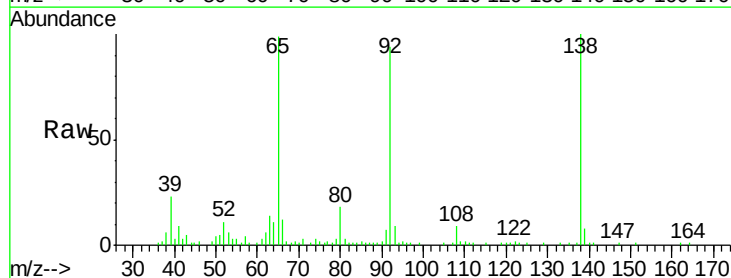
RT: 10.67 min Scan# 830

Delta R.T. -0.00 min

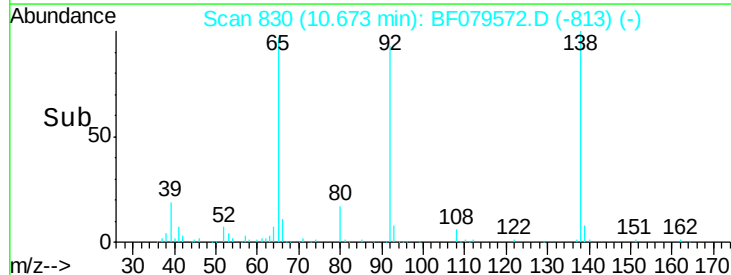
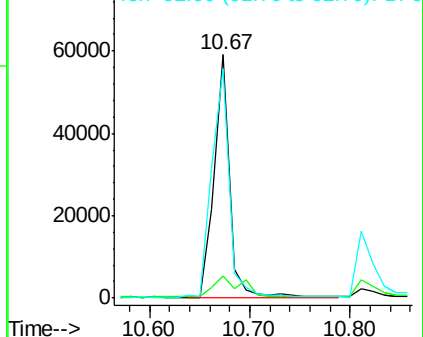
Lab File: BF079572.D

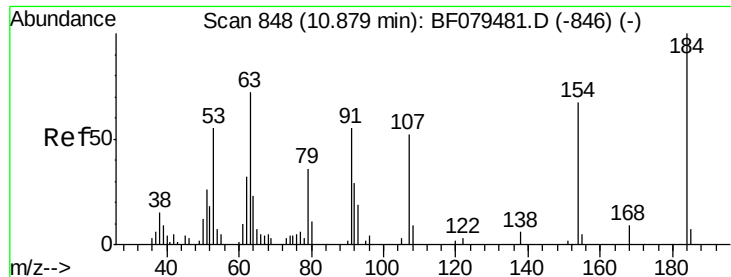
Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 64938  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.2   | 8.0   | 12.0   |
| 92        | 94.4  | 99.9  | 149.9# |



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





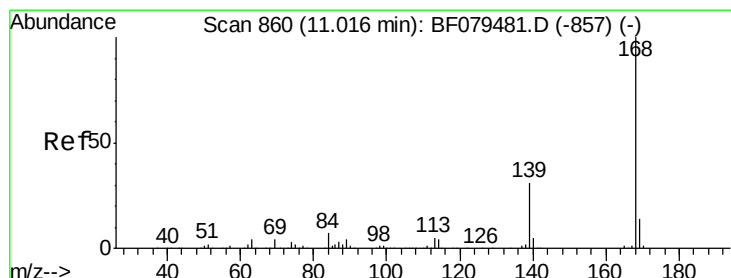
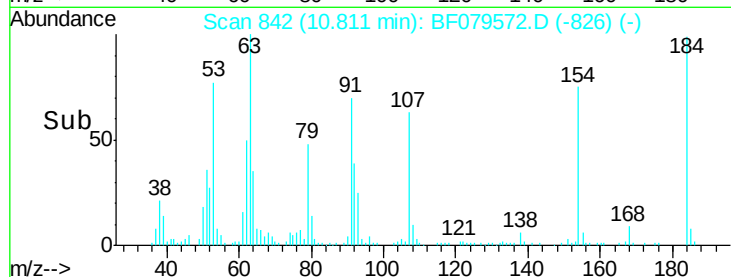
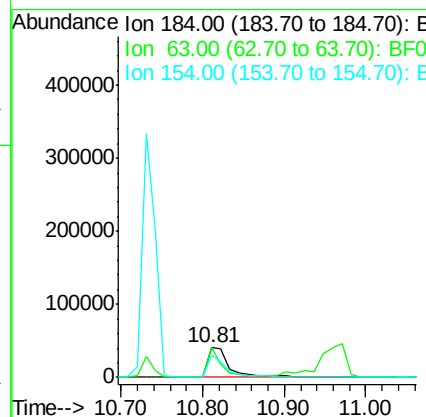
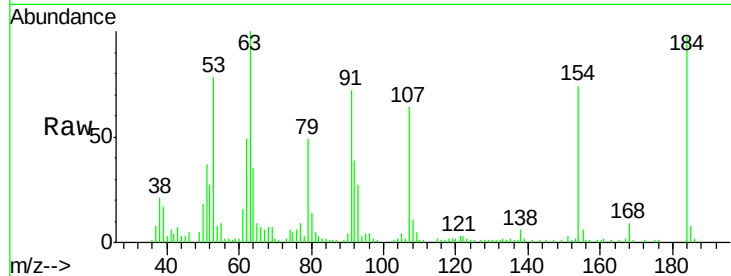
#53  
 2,4-Dinitrophenol  
 Concen: 64.03 ng  
 RT: 10.81 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 102.0 | 57.7  | 86.5# |
| 154     | 75.9  | 53.4  | 80.2  |

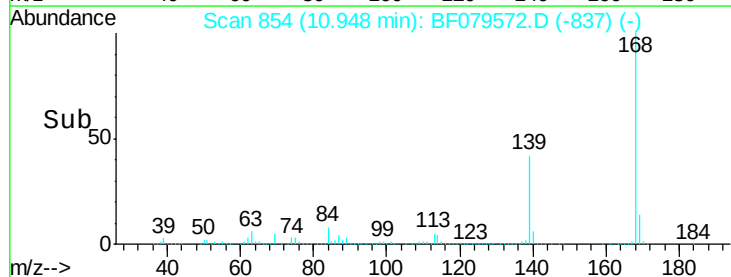
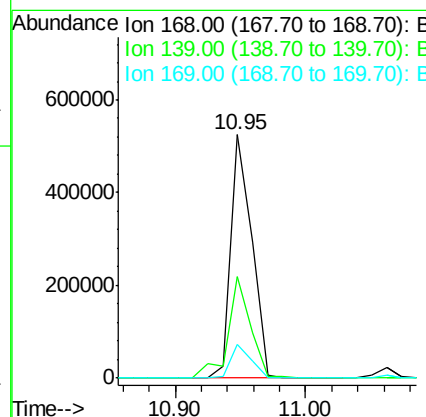
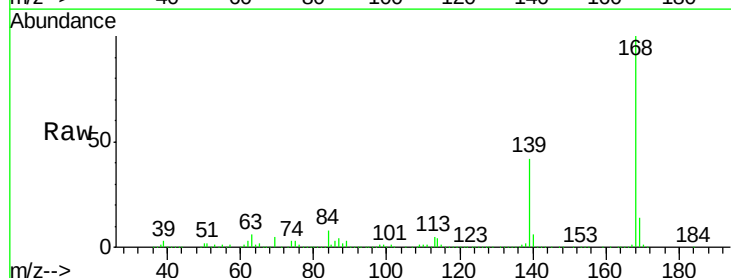
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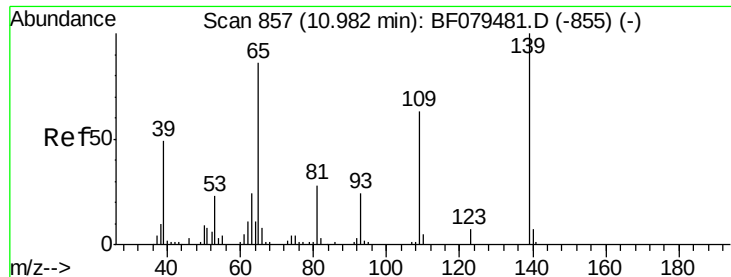
apatel  
 6/1/2015 4:21:13 PM



#54  
 Dibenzofuran  
 Concen: 30.79 ng  
 RT: 10.95 min Scan# 854  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.7  | 32.9  | 49.3  |
| 169     | 14.1  | 11.1  | 16.7  |





#55

4-Nitrophenol

Concen: 17.70 ng/mL

RT: 10.92 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

ClientSampleID :

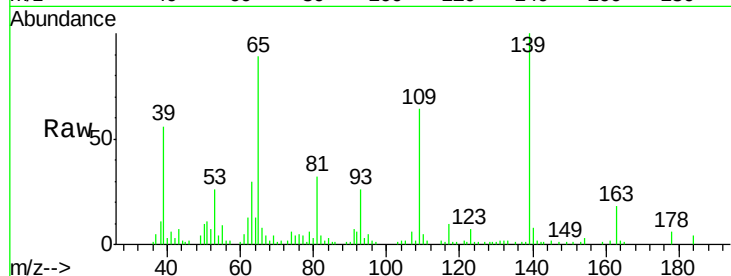
MW-05MSD

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 139   | Resp: | 41257 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 64.1  | 42.8  | 82.8  |
| 65        | 88.7  | 66.3  | 106.3 |

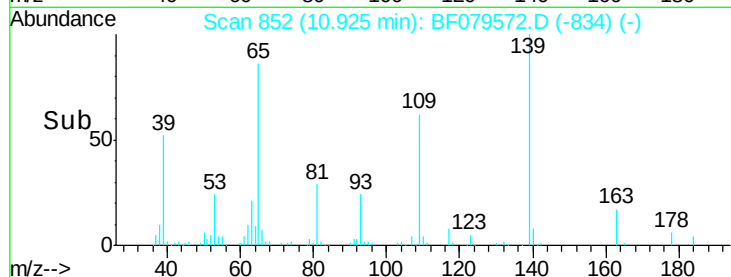


Abundance Ion 139.00 (138.70 to 139.70): E

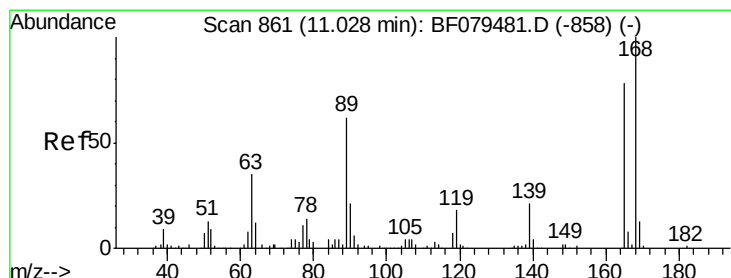
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 32.29 ng/mL

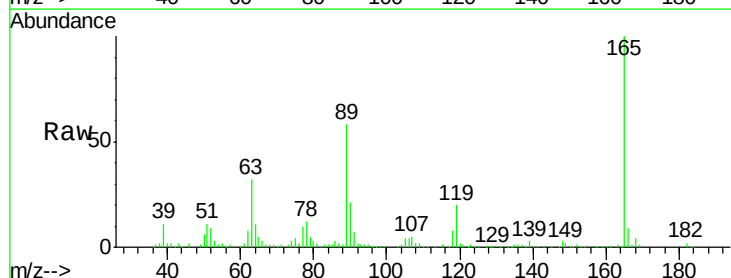
RT: 10.97 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 139948 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 31.7  | 39.5  | 59.3#  |
| 89        | 58.4  | 64.2  | 96.4#  |
| 182       | 2.2   | 1.5   | 2.3    |



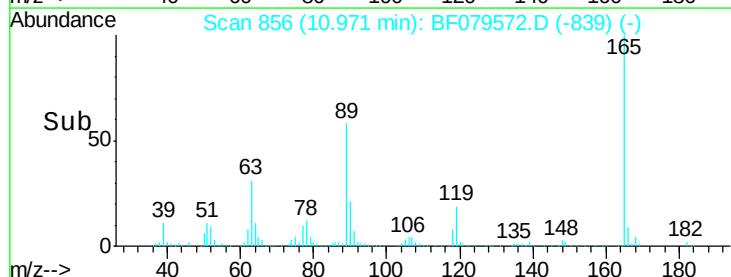
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

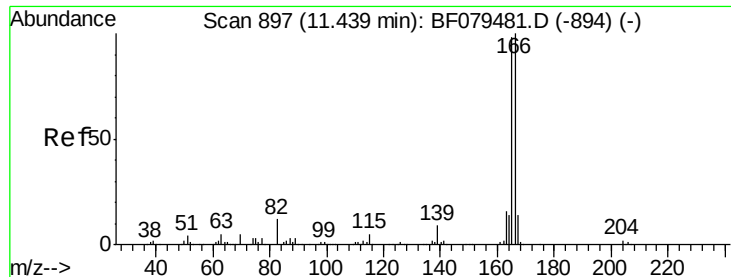
Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->





#57

Fluorene

Concen: 29.93 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

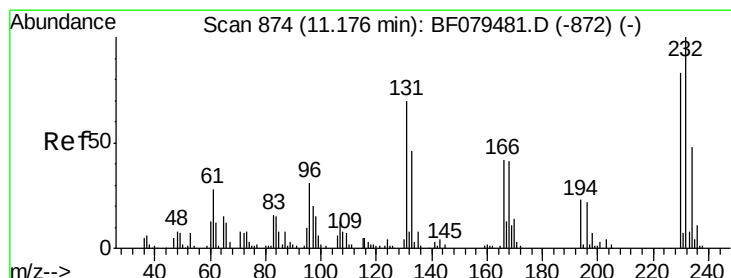
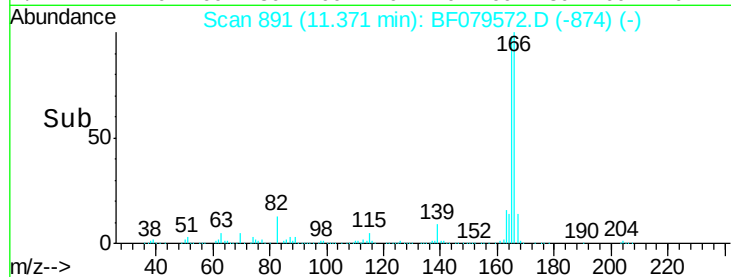
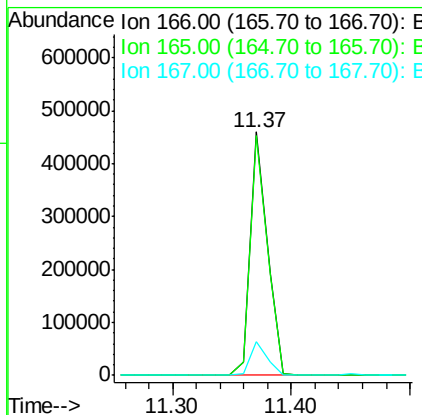
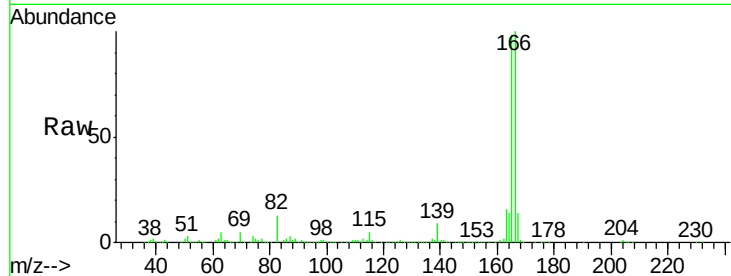
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 467697 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.4  | 78.6  | 117.8  |
| 167       | 13.8  | 10.8  | 16.2   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 30.01 ng

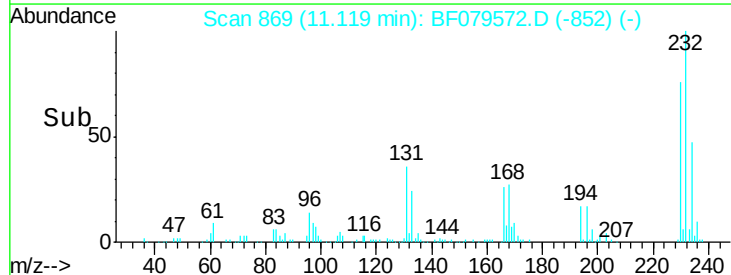
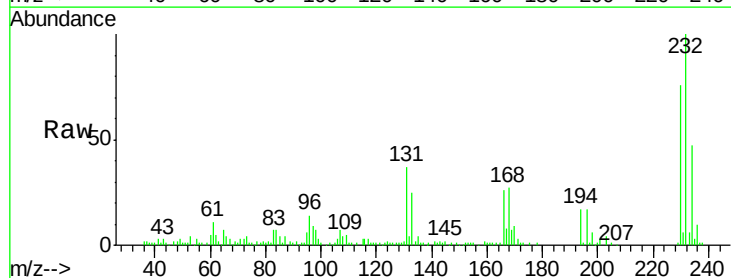
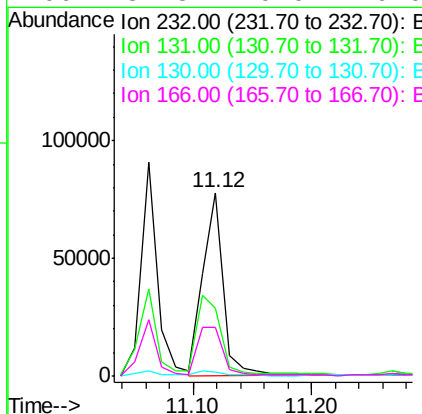
RT: 11.12 min Scan# 869

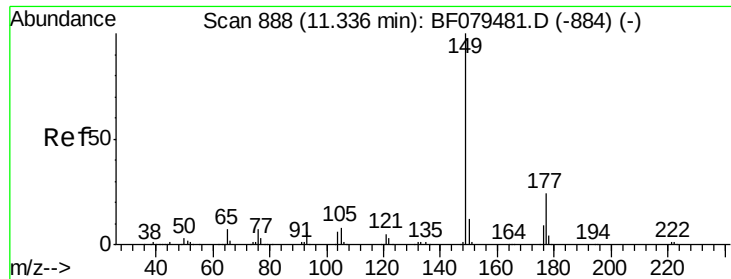
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 93205 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 49.0  | 0.0   | 0.0#  |
| 130       | 3.9   | 0.0   | 0.0#  |
| 166       | 34.8  | 0.0   | 0.0#  |





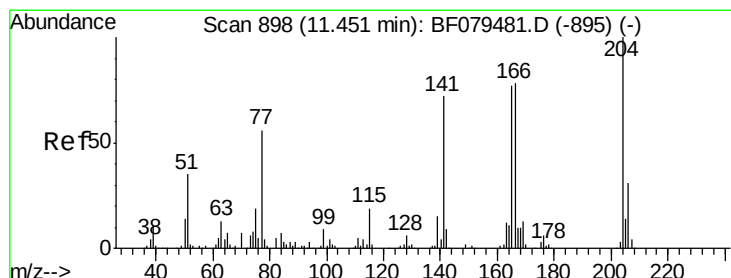
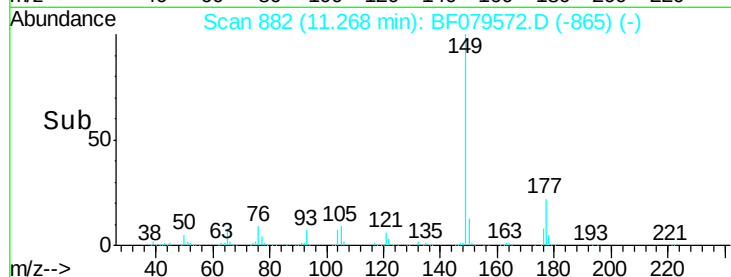
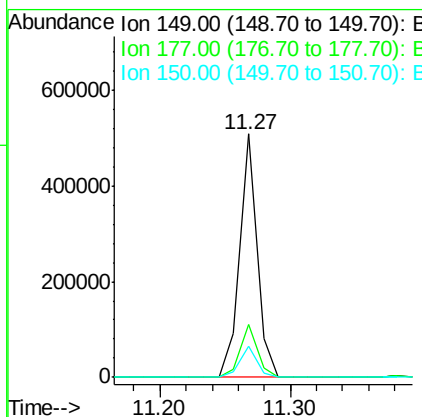
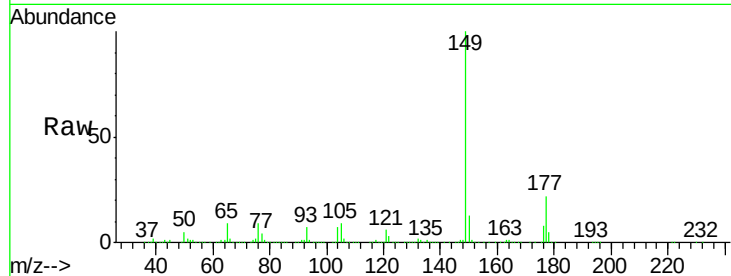
#59  
Diethylphthalate  
Concen: 29.77 ng  
RT: 11.27 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 471413 |       |       |
| 177     | 21.6  | 18.9   | 28.3  |       |
| 150     | 12.7  | 9.8    | 14.6  |       |

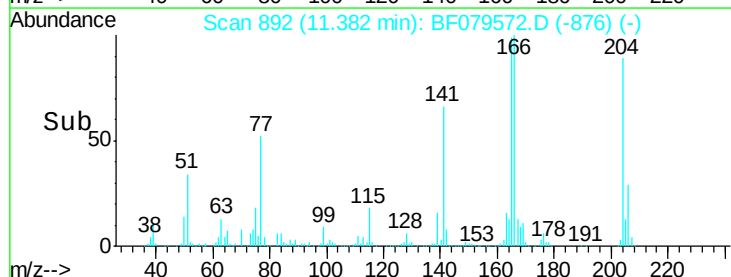
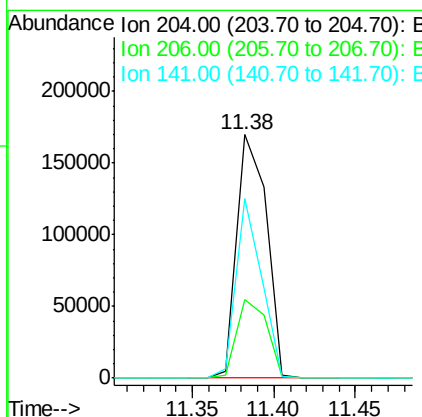
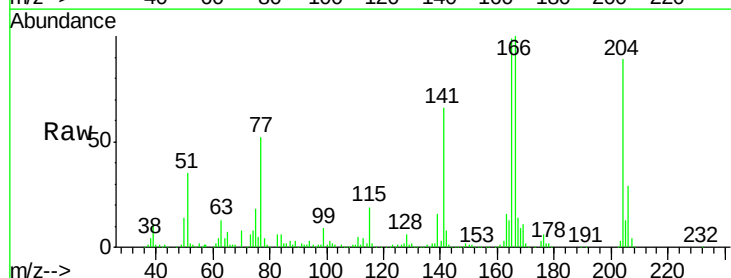
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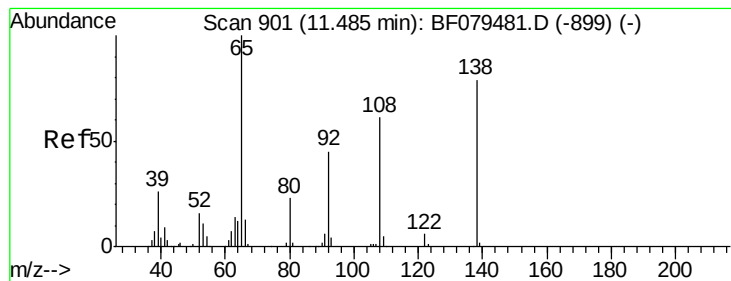
apatel  
6/1/2015 4:21:13 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 31.64 ng  
RT: 11.38 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 213680 |       |       |
| 206     | 32.3  | 25.0   | 37.4  |       |
| 141     | 73.8  | 57.4   | 86.2  |       |





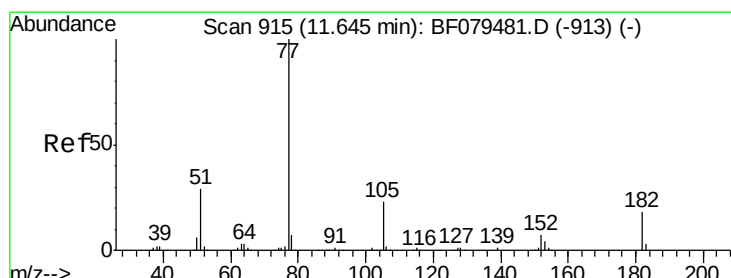
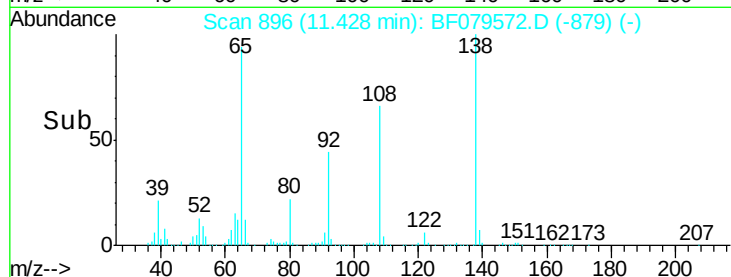
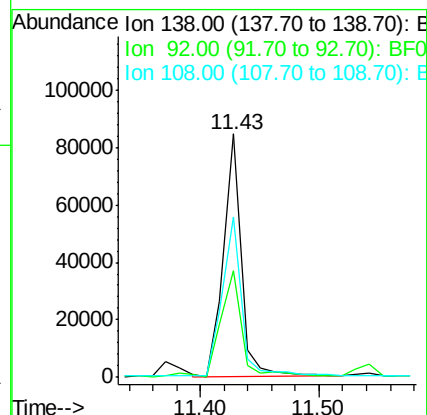
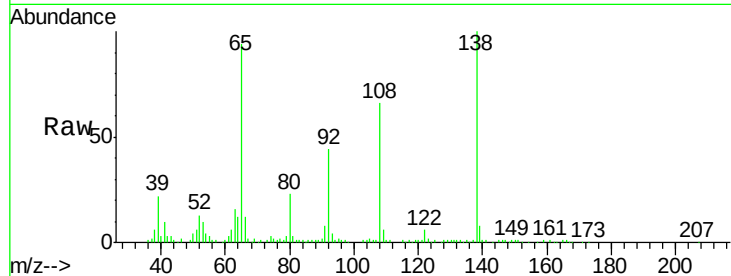
#61  
4-Nitroaniline  
Concen: 22.14 ng  
RT: 11.43 min Scan# 896  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 43.8  | 37.2  | 77.2  |
| 108     | 65.8  | 57.0  | 97.0  |

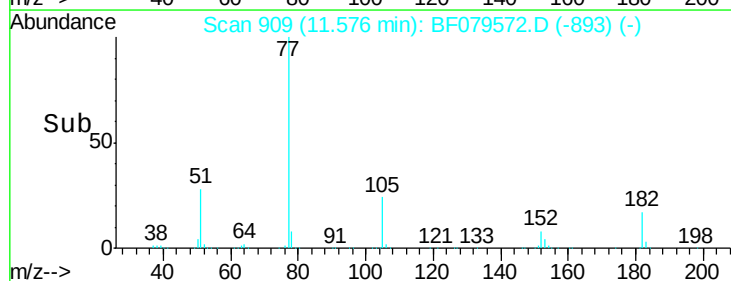
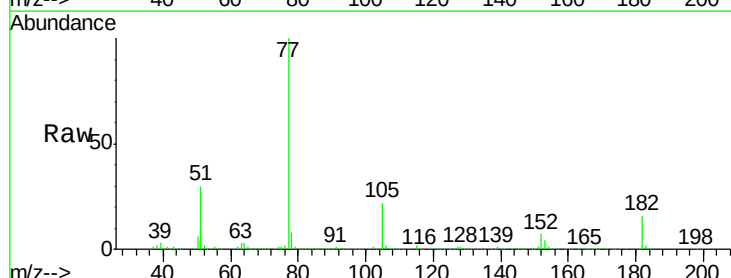
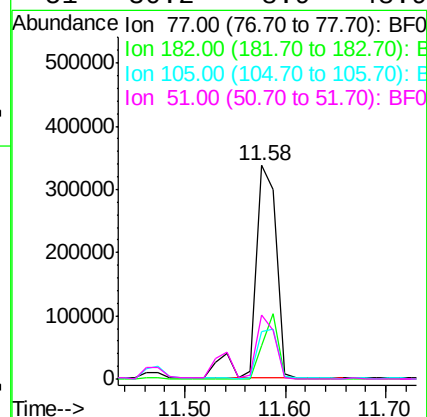
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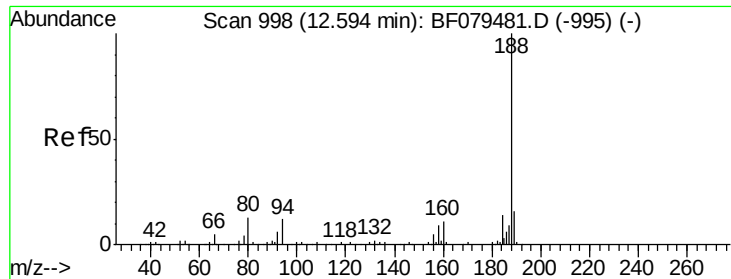
apatel  
6/1/2015 4:21:13 PM



#62  
Azobenzene  
Concen: 32.00 ng  
RT: 11.58 min Scan# 909  
Delta R.T. -0.01 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 15.7  | 0.0   | 37.7  |
| 105     | 22.3  | 2.7   | 42.7  |
| 51      | 30.2  | 8.9   | 48.9  |





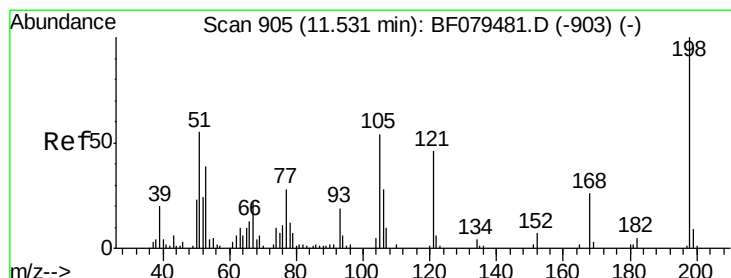
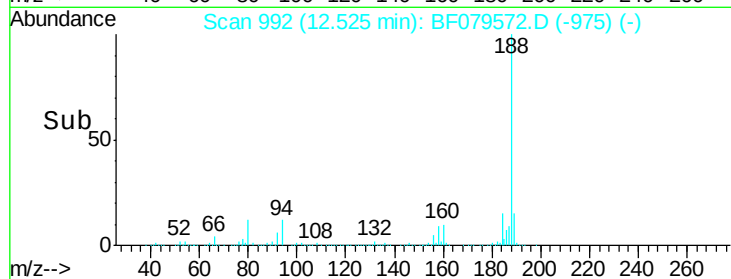
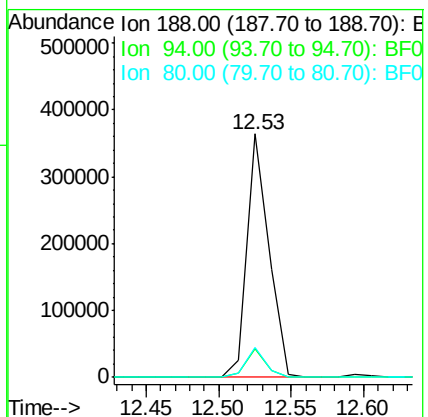
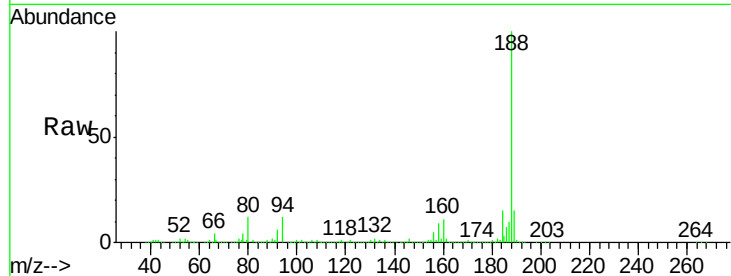
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.53 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 11.9  | 9.8  | 14.6  |       |
| 80      | 12.4  | 10.5 | 15.7  |       |

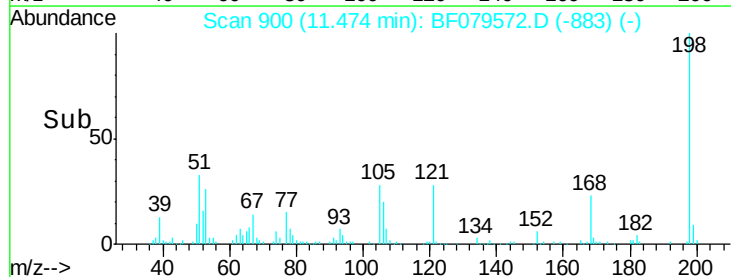
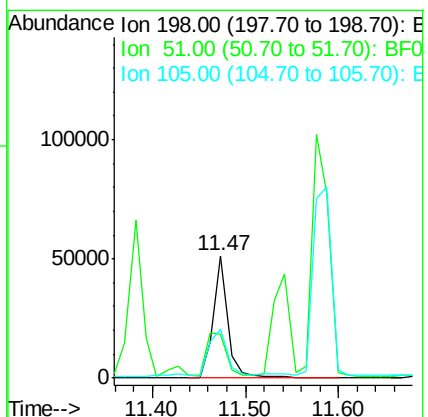
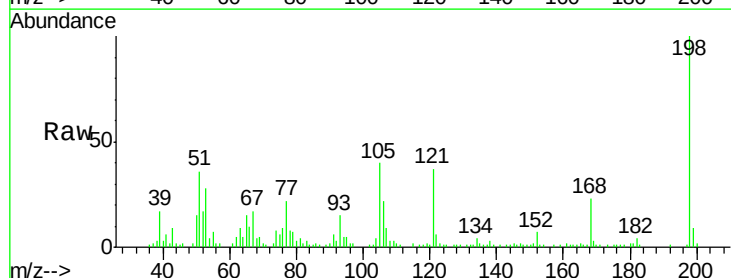
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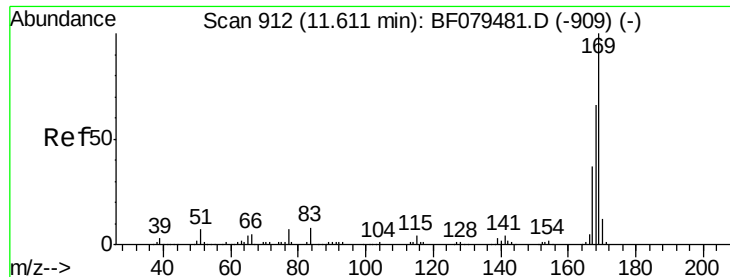
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6/1/2015 4:21:13 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 32.04 ng  
RT: 11.47 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 35.7  | 36.0 | 76.0# |       |
| 105     | 40.2  | 34.1 | 74.1  |       |





#65

n-Nitrosodiphenylamine

Concen: 32.81 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

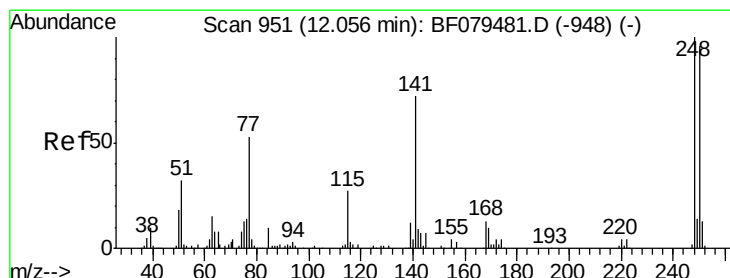
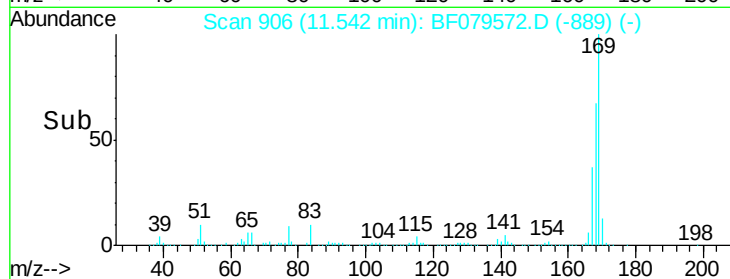
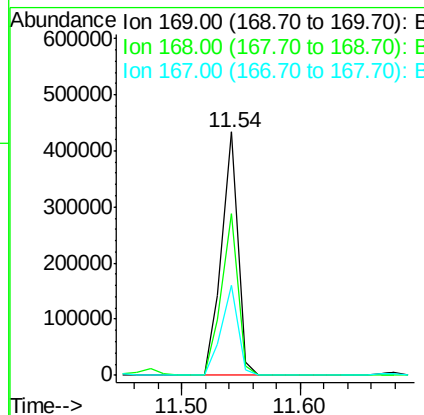
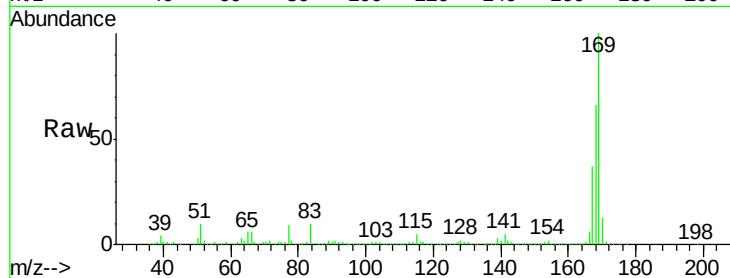
ClientSampleId :

MW-05MSD

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6/1/2015 4:21:13 PM

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 169     | 100  |       |      |       |       |
| 168     | 66.5 | 53.1  | 79.7 |       |       |
| 167     | 37.0 | 29.9  | 44.9 |       |       |



#66

4-Bromophenyl-phenylether

Concen: 34.25 ng

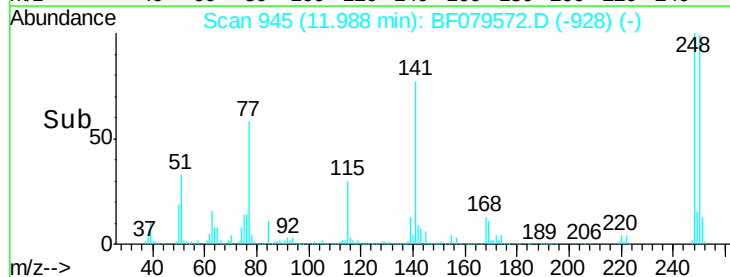
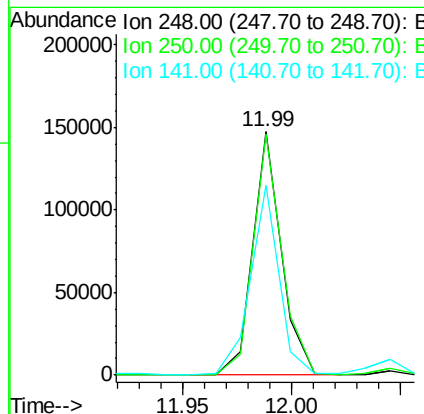
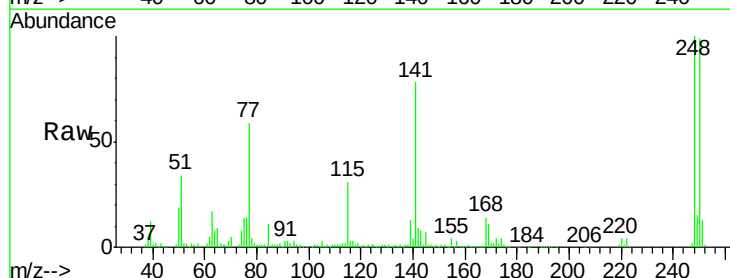
RT: 11.99 min Scan# 945

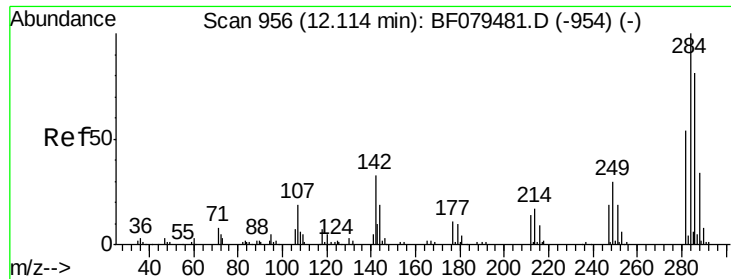
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 248     | 100  |       |       |       |       |
| 250     | 99.0 | 76.8  | 115.2 |       |       |
| 141     | 78.0 | 57.7  | 86.5  |       |       |





#67

Hexachlorobenzene

Concen: 33.10 ng

RT: 12.05 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

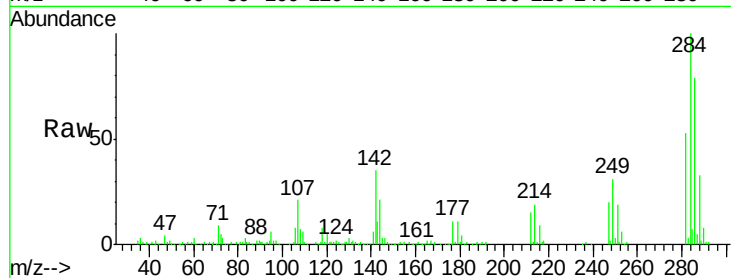
ClientSampleId :

MW-05MSD

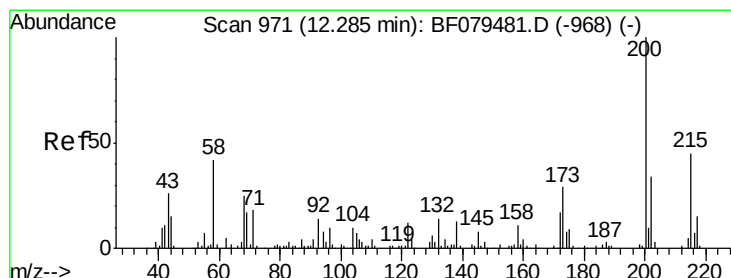
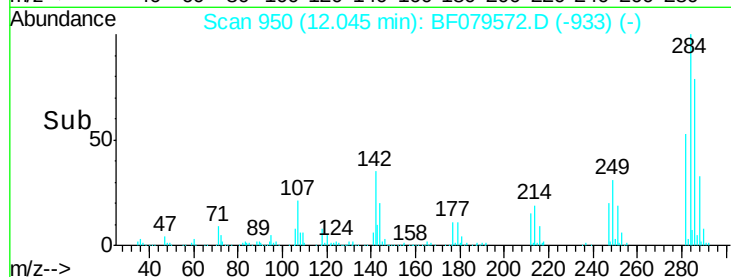
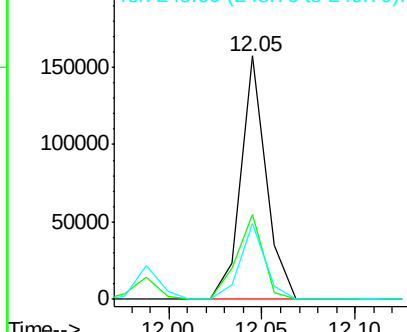
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 148201 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 35.1  | 26.2  | 39.2   |
| 249       | 31.1  | 24.3  | 36.5   |

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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: 34.38 ng

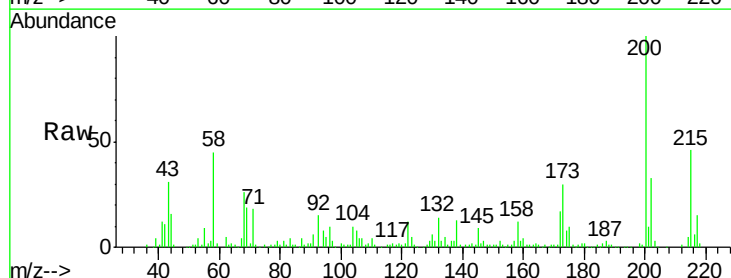
RT: 12.23 min Scan# 966

Delta R.T. 0.01 min

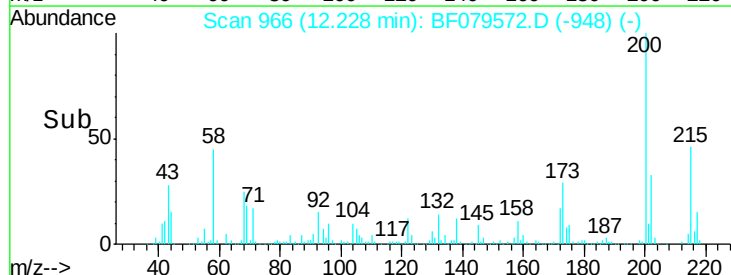
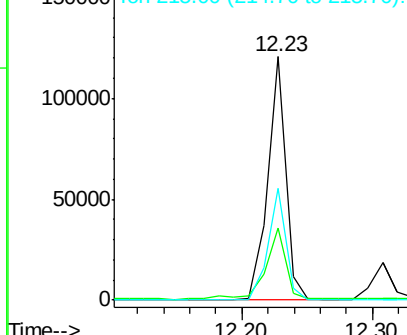
Lab File: BF079572.D

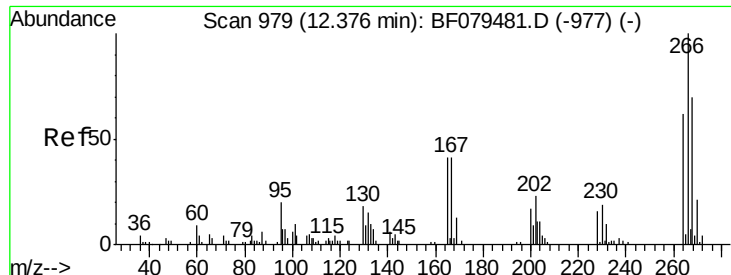
Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 117620 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.6  | 9.4   | 49.4   |
| 215       | 46.0  | 25.3  | 65.3   |



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





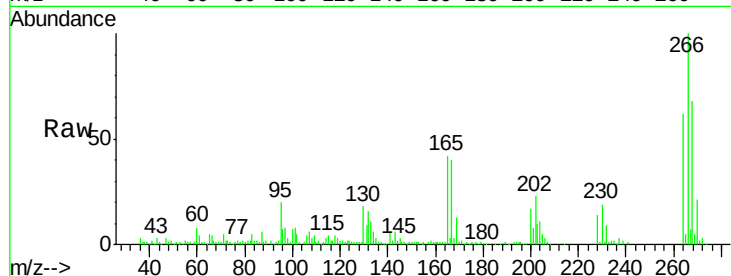
#69  
 Pentachlorophenol  
 Concen: 70.64 ng  
 RT: 12.31 min Scan# 973  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

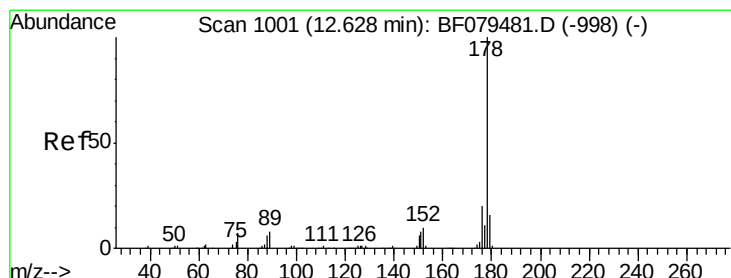
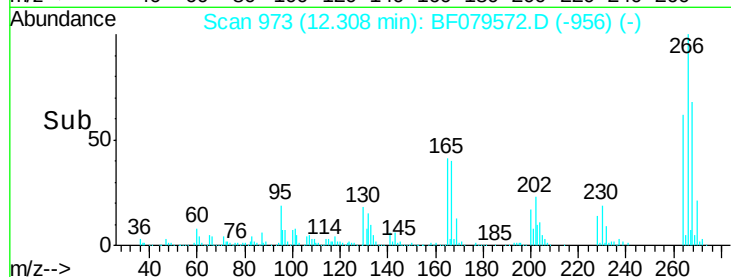
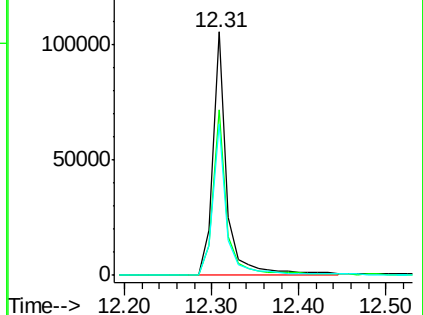
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 121160 |       |       |
| 268     | 67.8  | 56.1   | 84.1  |       |
| 264     | 62.0  | 50.0   | 75.0  |       |

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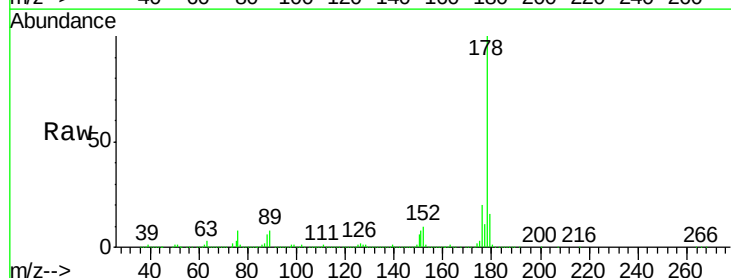


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

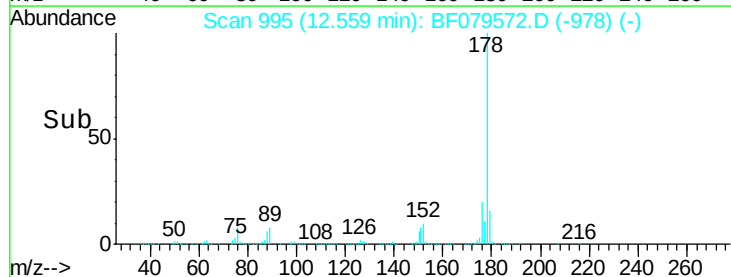
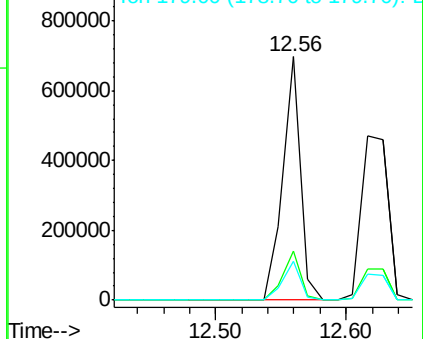


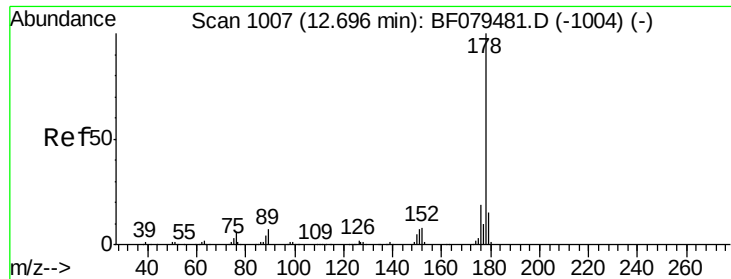
#70  
 Phenanthrene  
 Concen: 31.89 ng  
 RT: 12.56 min Scan# 995  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 667066 |       |       |
| 176     | 20.3  | 15.7   | 23.5  |       |
| 179     | 15.7  | 12.4   | 18.6  |       |



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





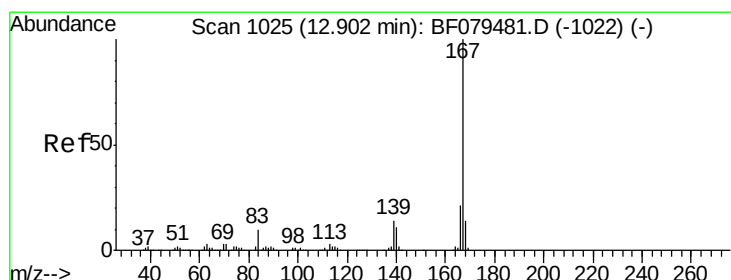
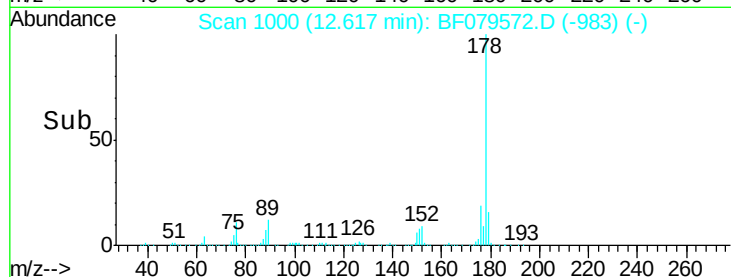
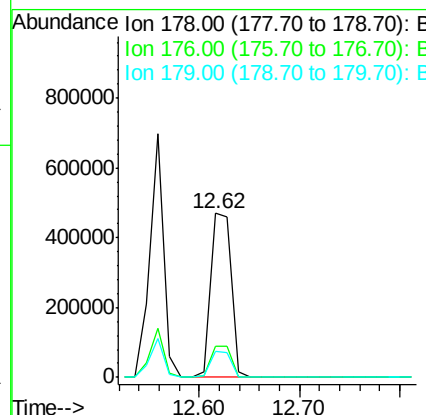
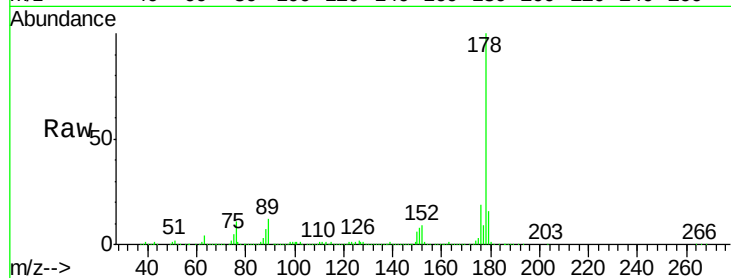
#71  
 Anthracene  
 Concen: 31.17 ng  
 RT: 12.62 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.3  | 22.9  |
| 179     | 16.1  | 12.2  | 18.4  |

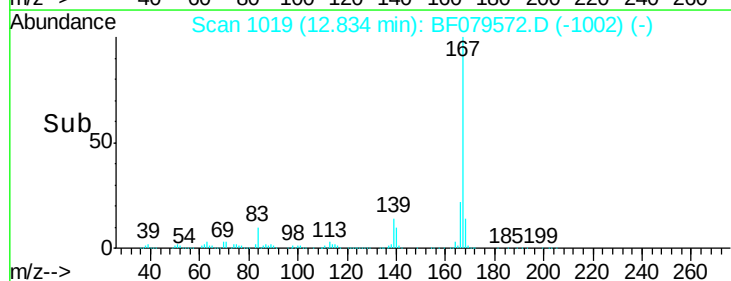
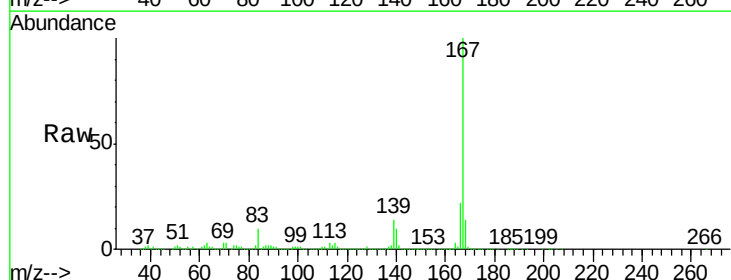
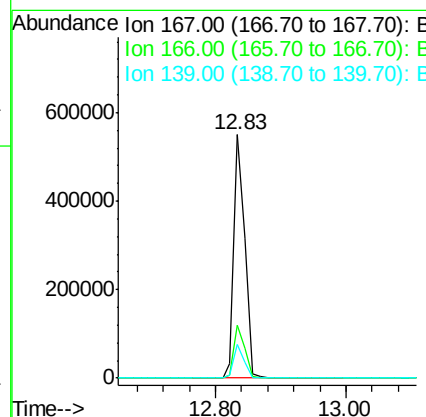
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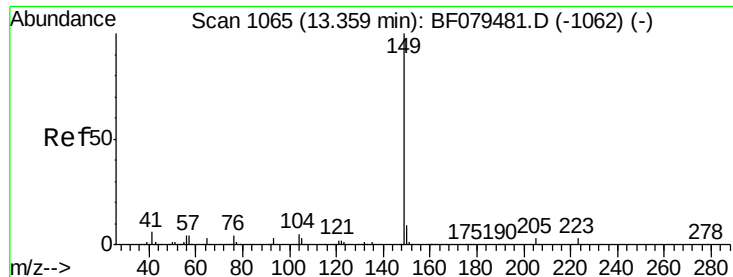


#72  
 Carbazole  
 Concen: 30.81 ng  
 RT: 12.83 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.6  | 17.0  | 25.4  |
| 139     | 14.1  | 11.2  | 16.8  |







#73

Di-n-butylphthalate

Concen: 32.25 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

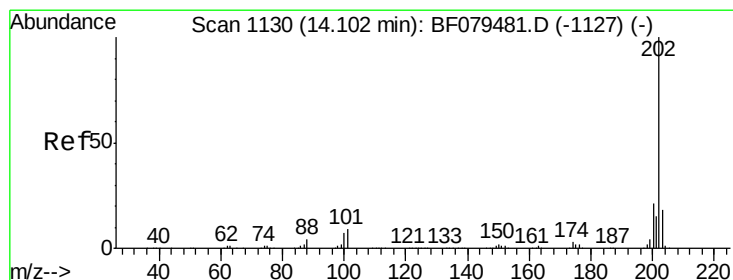
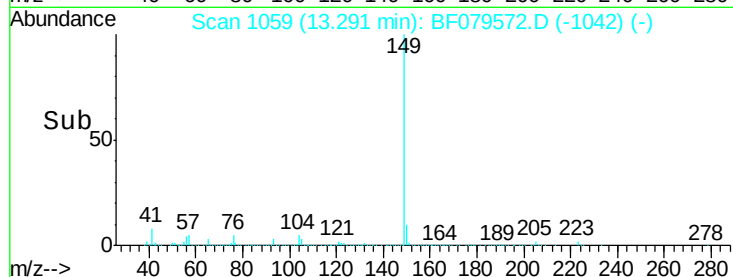
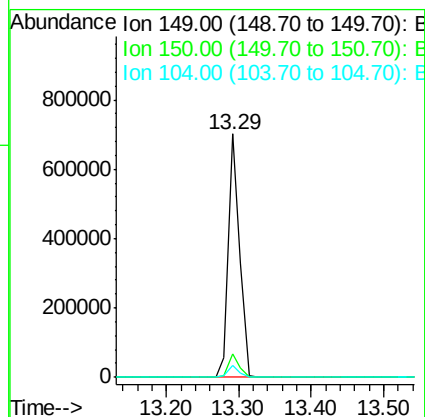
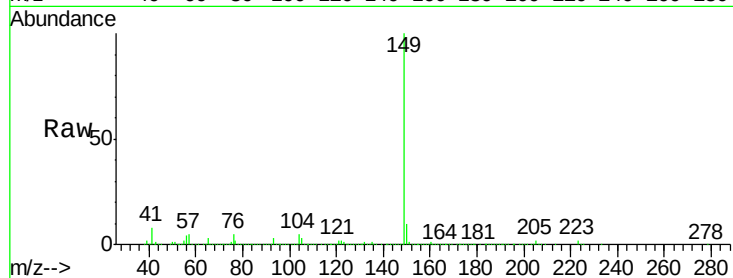
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 750272 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.6   | 7.5   | 11.3   |
| 104       | 4.9   | 3.6   | 5.4    |

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#74

Fluoranthene

Concen: 31.19 ng

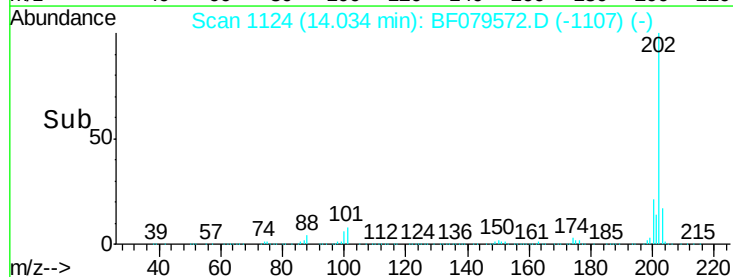
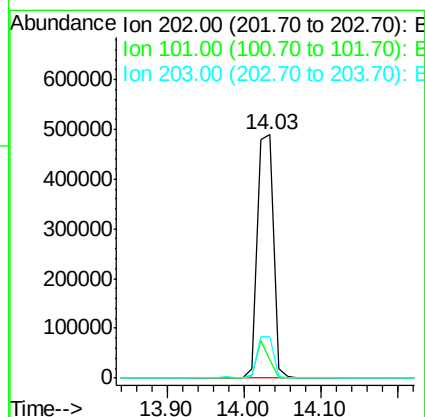
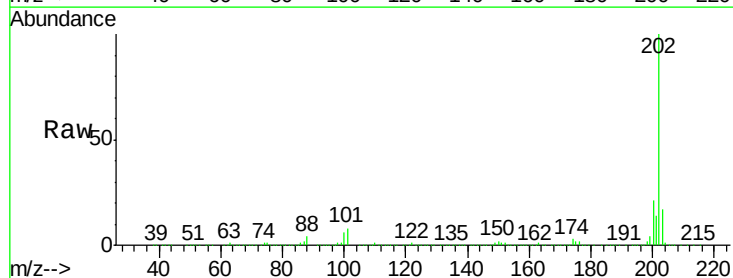
RT: 14.03 min Scan# 1124

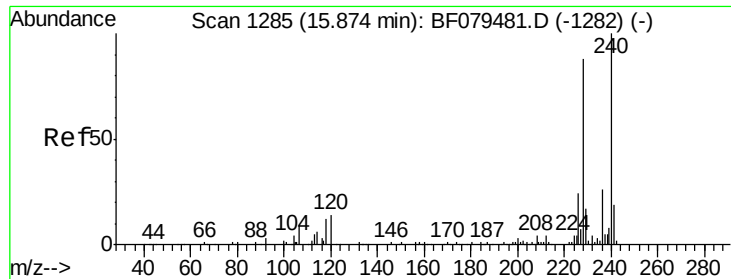
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 699739 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.8   | 0.0   | 29.3   |
| 203       | 17.1  | 0.0   | 37.6   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.05 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

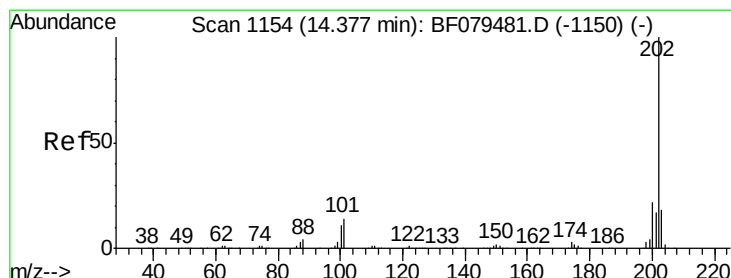
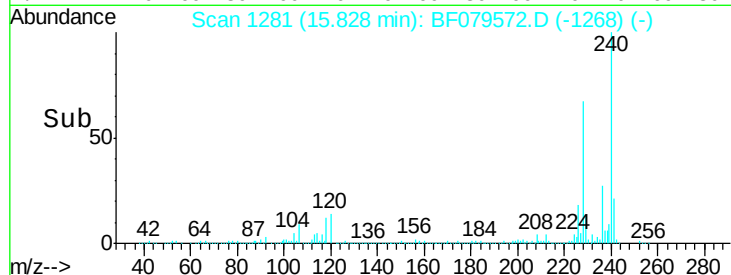
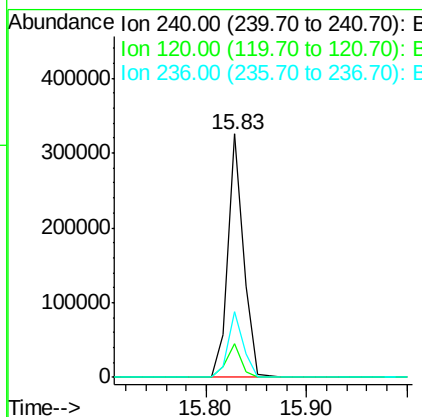
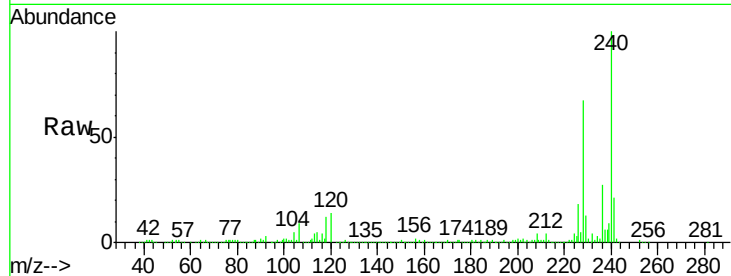
ClientSampleId :

MW-05MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 353633 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 14.0 | 10.8  | 16.2   |
| 236       | 26.9 | 21.0  | 31.6   |

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#77

Pyrene

Concen: 33.01 ng

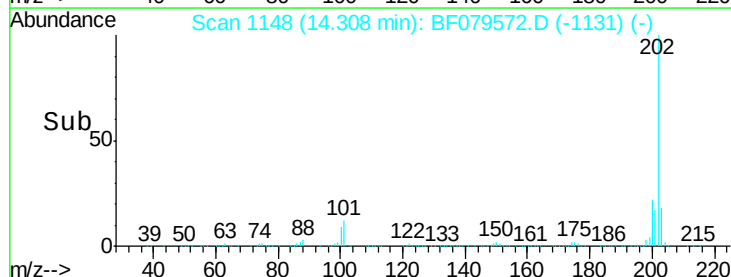
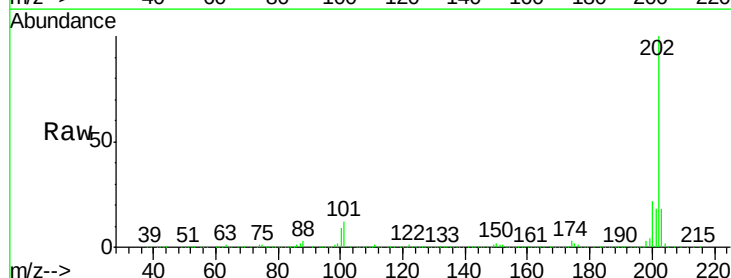
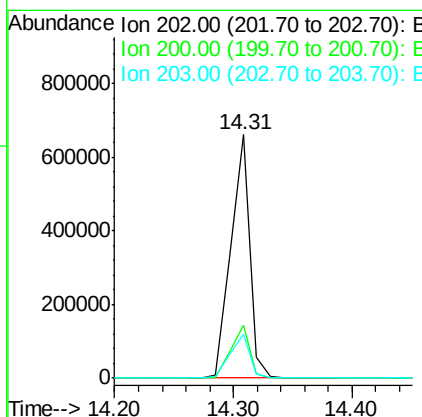
RT: 14.31 min Scan# 1148

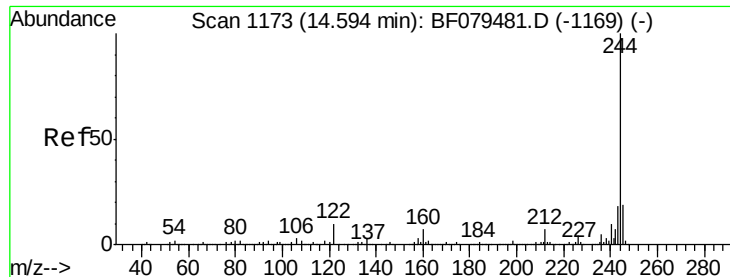
Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 202  | Resp: | 723104 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.9 | 17.5  | 26.3   |
| 203       | 18.0 | 14.4  | 21.6   |





#78

Terphenyl-d14

Concen: 57.06 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

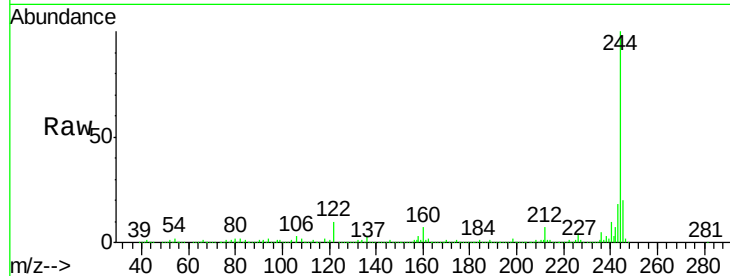
ClientSampled :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 859778 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.6   | 5.2   | 7.8    |
| 122       | 10.1  | 8.0   | 12.0   |

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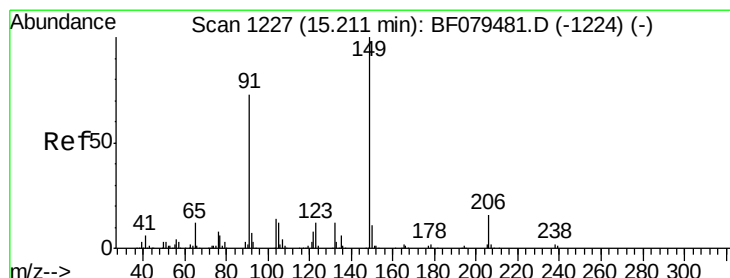
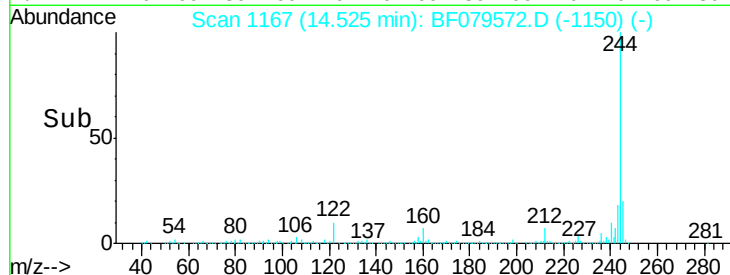
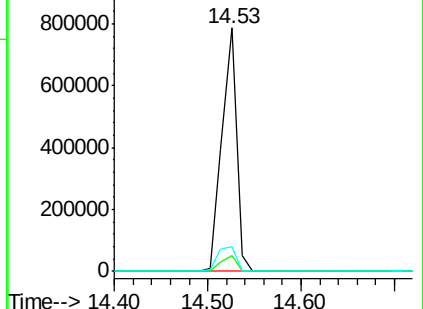
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.45 ng

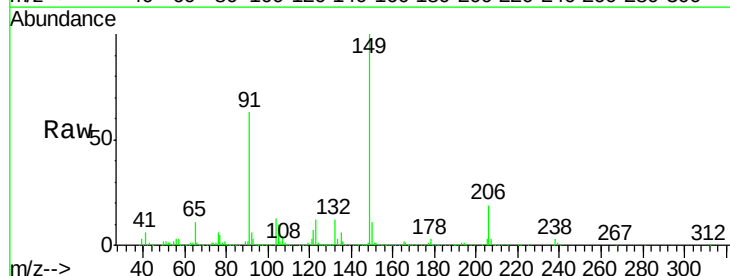
RT: 15.15 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

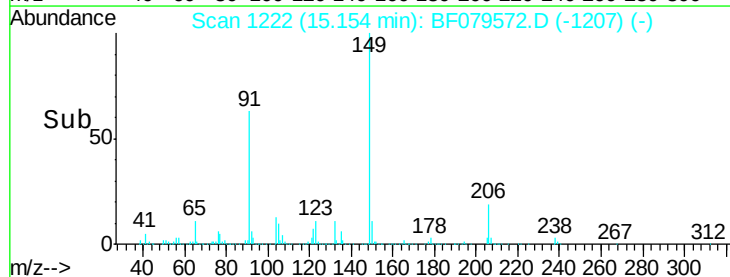
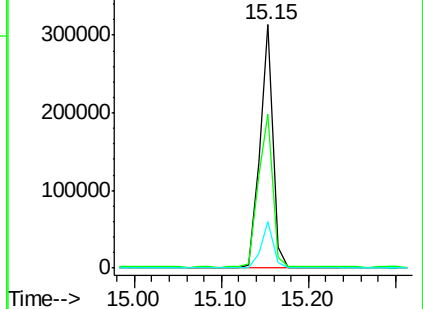
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 329558 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 63.5  | 58.1  | 87.1   |
| 206       | 18.9  | 13.1  | 19.7   |

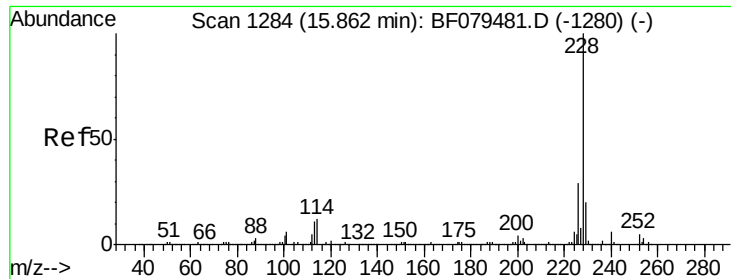


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





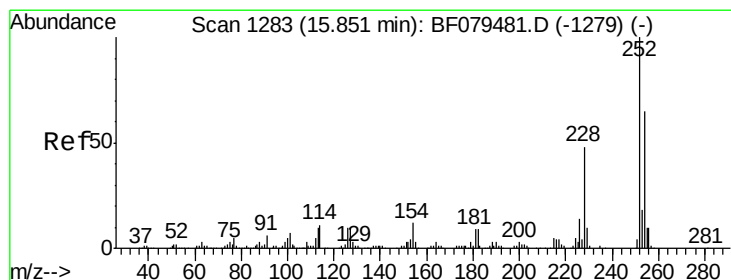
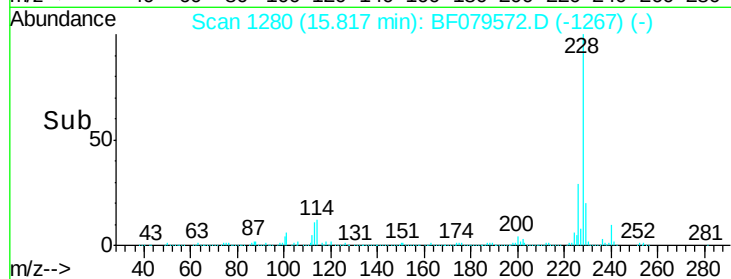
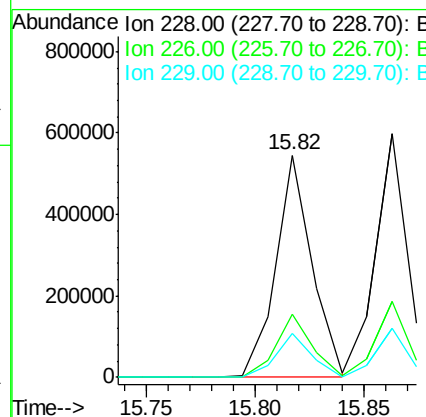
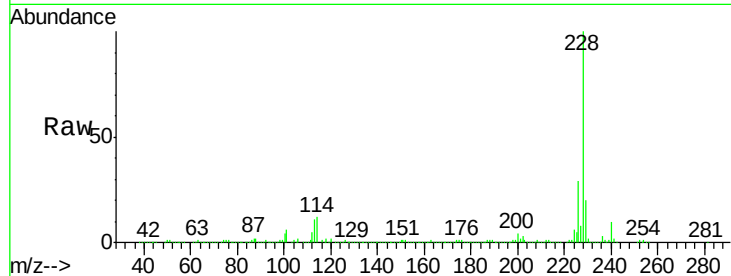
#80  
Benzo(a)anthracene  
Concen: 31.19 ng  
RT: 15.82 min Scan# 1280  
Delta R.T. -0.05 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 22.8  | 34.2  |
| 229     | 19.9  | 15.9  | 23.9  |

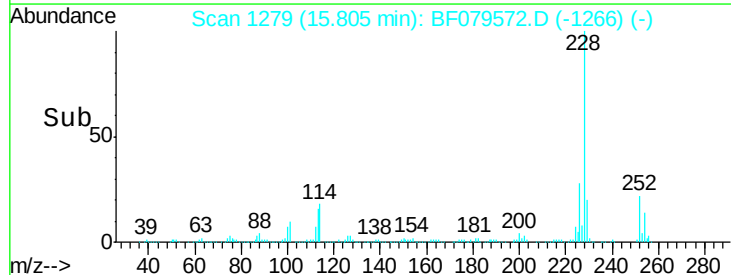
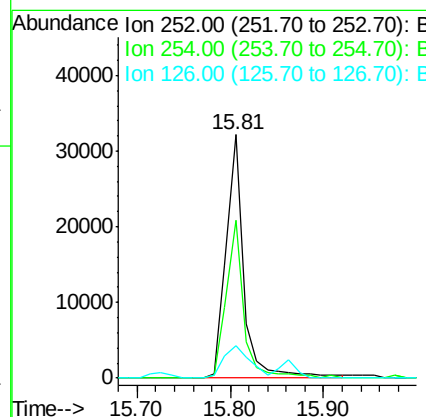
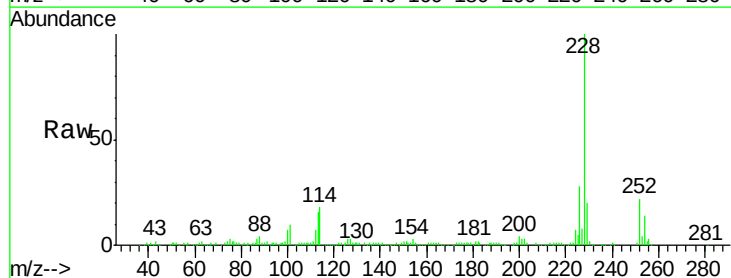
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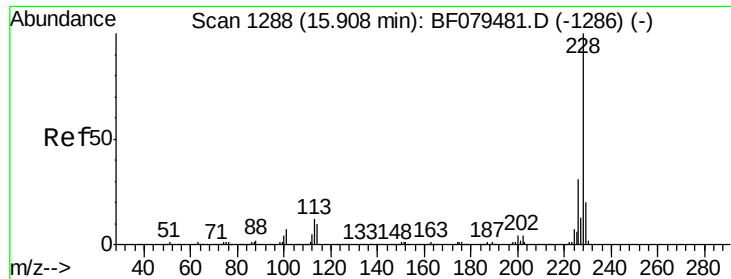
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#81  
3,3'-Dichlorobenzidine  
Concen: 5.70 ng  
RT: 15.81 min Scan# 1279  
Delta R.T. -0.05 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 52.1  | 78.1  |
| 126     | 13.2  | 8.2   | 12.2# |





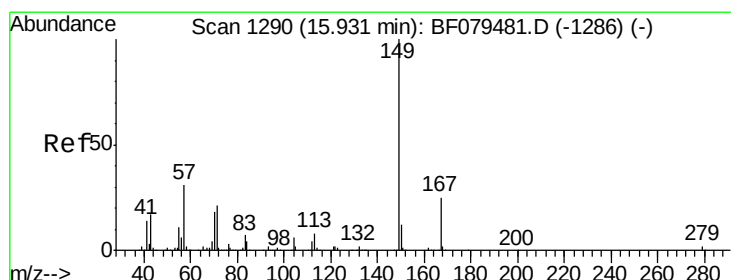
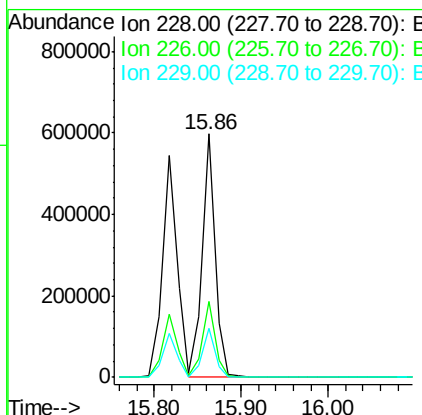
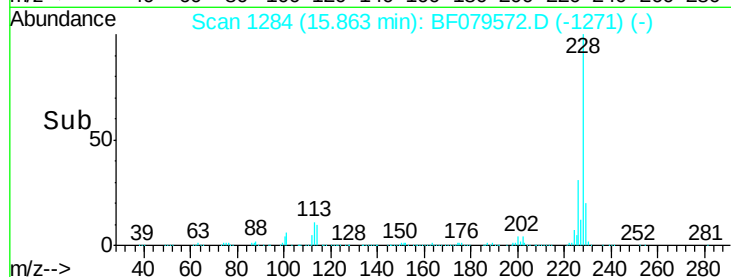
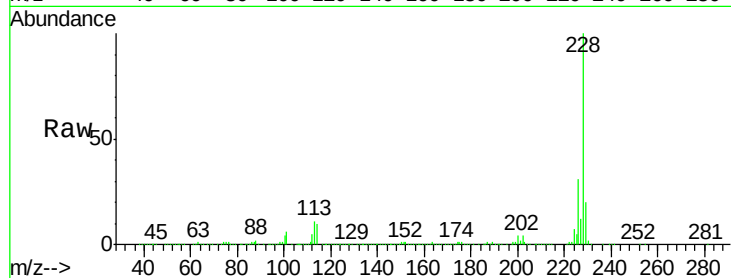
#82  
 Chrysene  
 Concen: 31.86 ng  
 RT: 15.86 min Scan# 1284  
 Delta R.T. -0.05 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-05MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 616001 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 31.1 | 25.0  | 37.4   |
| 229       | 20.0 | 15.9  | 23.9   |

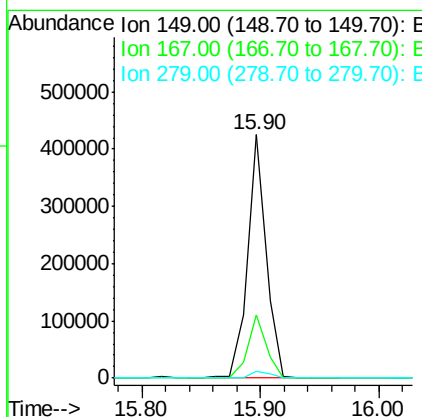
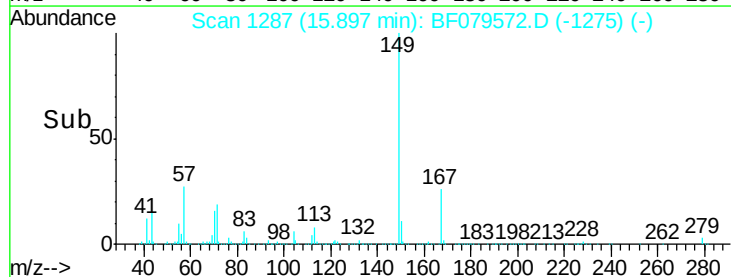
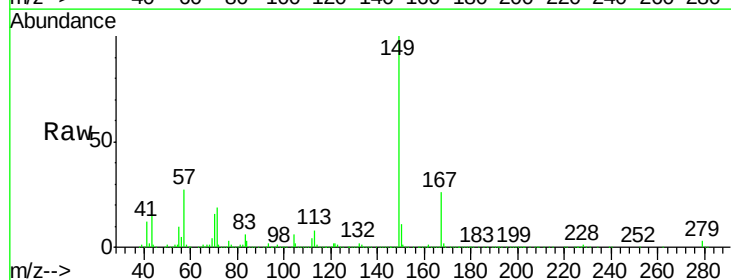
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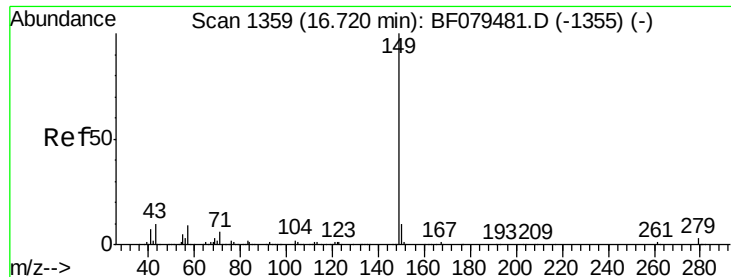
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#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.98 ng  
 RT: 15.90 min Scan# 1287  
 Delta R.T. -0.06 min  
 Lab File: BF079572.D  
 Acq: 29 May 2015 21:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 465475 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 25.7 | 20.2  | 30.4   |
| 279       | 2.9  | 2.0   | 3.0    |





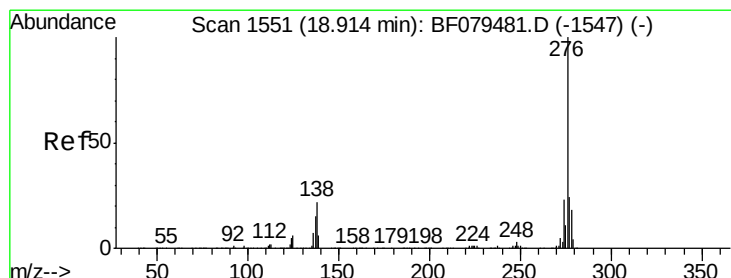
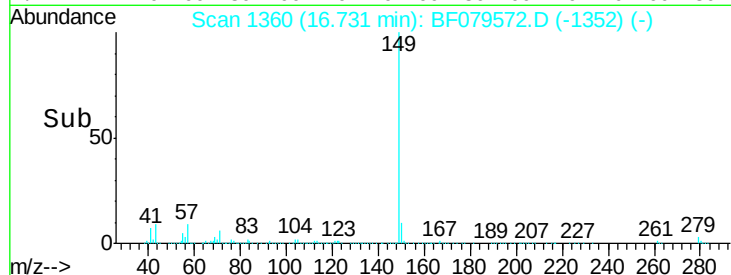
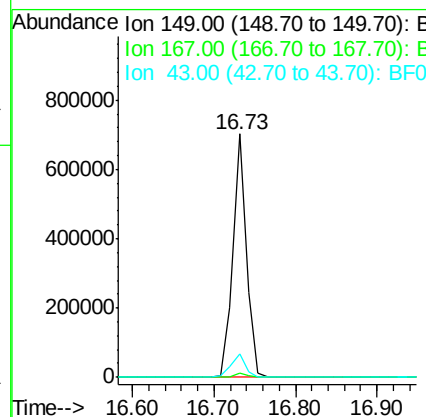
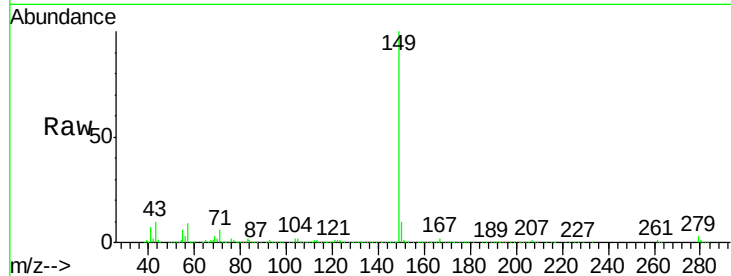
#84  
Di-n-octyl phthalate  
Concen: 32.57 ng  
RT: 16.73 min Scan# 1360  
Delta R.T. -0.10 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 800059 |       |       |
| 167     | 1.5   |        | 1.2   | 1.8   |
| 43      | 9.4   |        | 7.8   | 11.6  |

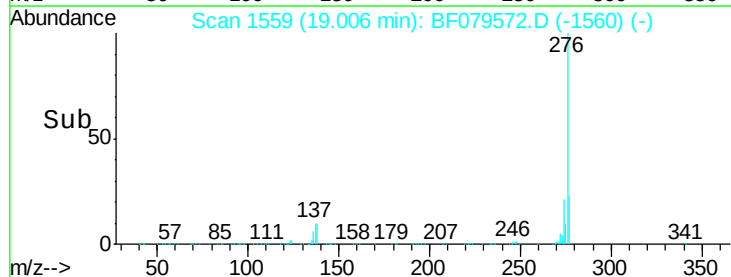
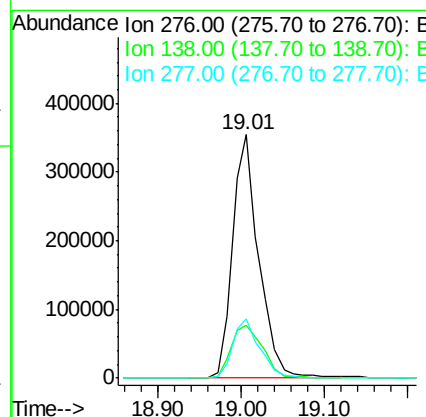
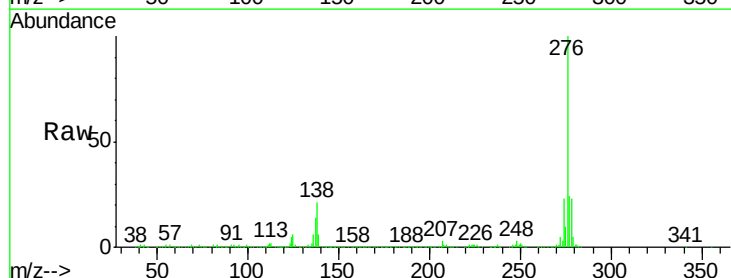
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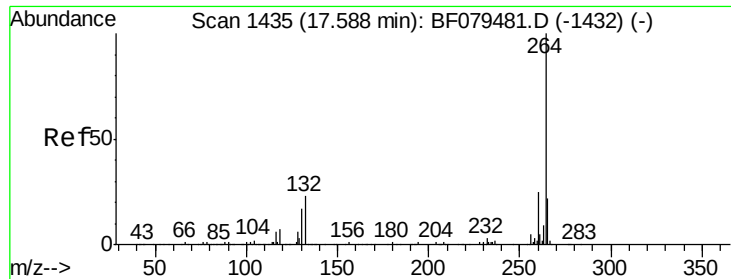
apatel  
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 31.49 ng m  
RT: 19.01 min Scan# 1559  
Delta R.T. -0.21 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 783105 |       |       |
| 138     | 23.3  |        | 21.4  | 32.2  |
| 277     | 23.7  |        | 19.8  | 29.6  |





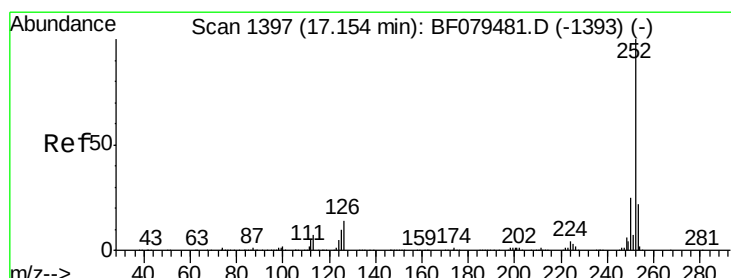
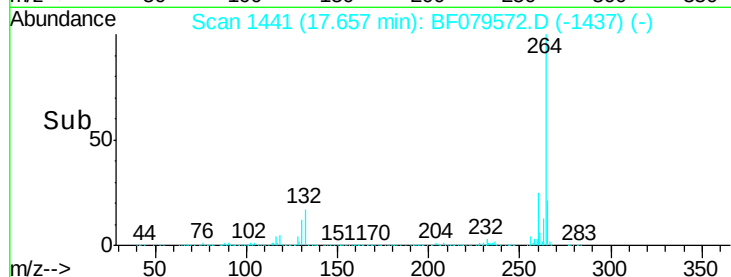
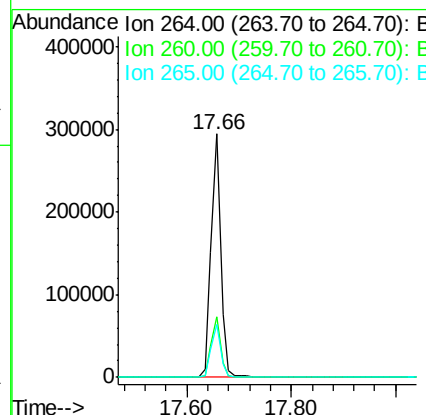
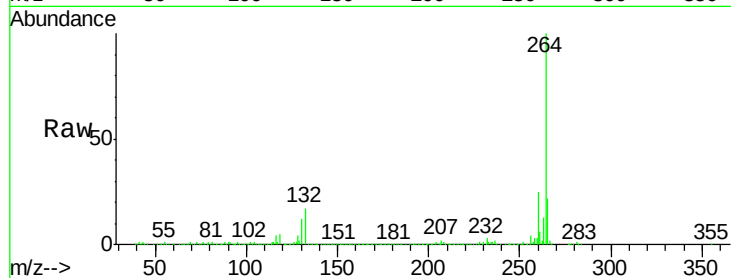
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 17.66 min Scan# 1441  
Delta R.T. -0.15 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.8  | 29.8  |
| 265     | 21.6  | 17.8  | 26.6  |

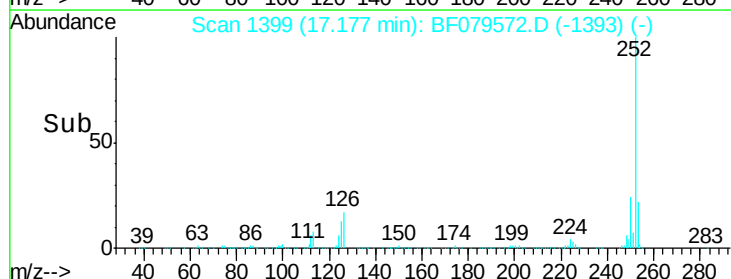
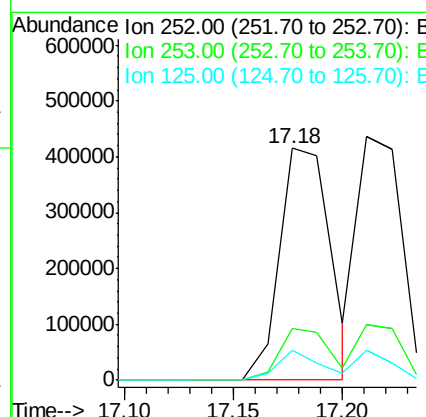
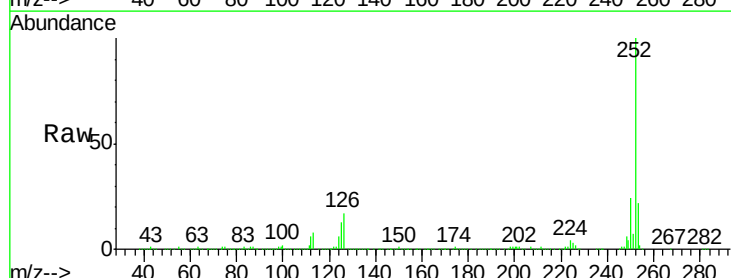
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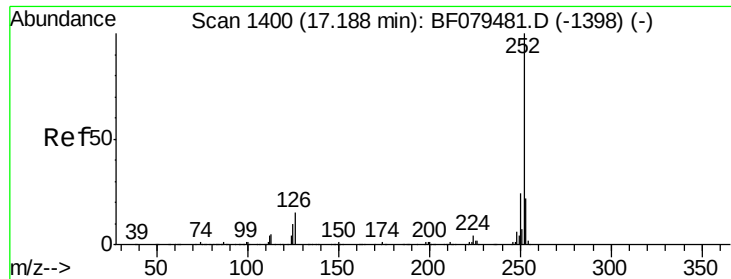
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#87  
Benzo(b)fluoranthene  
Concen: 31.23 ng  
RT: 17.18 min Scan# 1399  
Delta R.T. -0.13 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.6  | 26.4  |
| 125     | 12.6  | 7.8   | 11.6# |





#88

Benzo(k)fluoranthene

Concen: 32.82 ng m

RT: 17.21 min Scan# 1402

Delta R.T. -0.13 min

Lab File: BF079572.D

Acq: 29 May 2015 21:04

Instrument :

BNA\_F

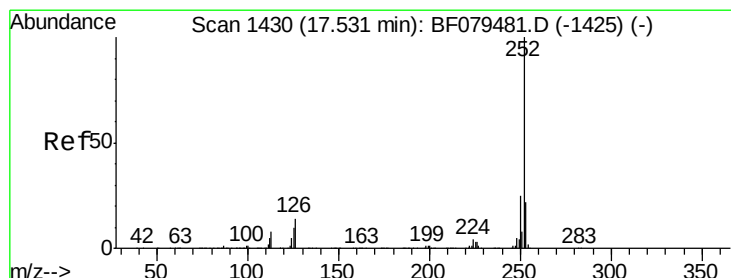
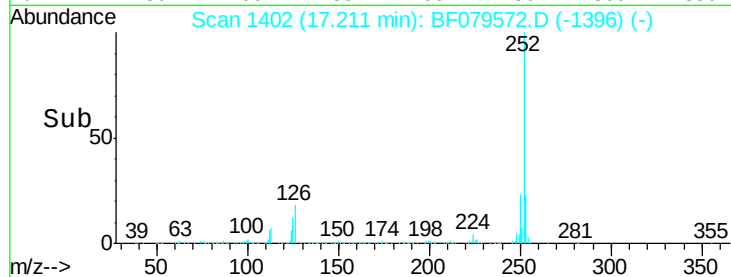
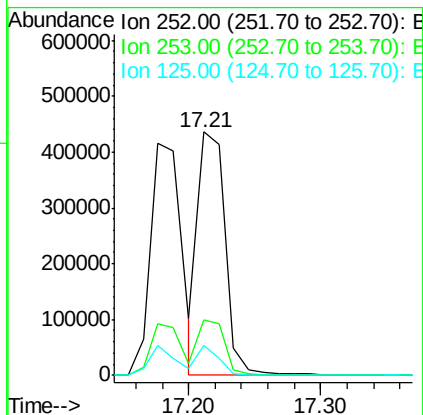
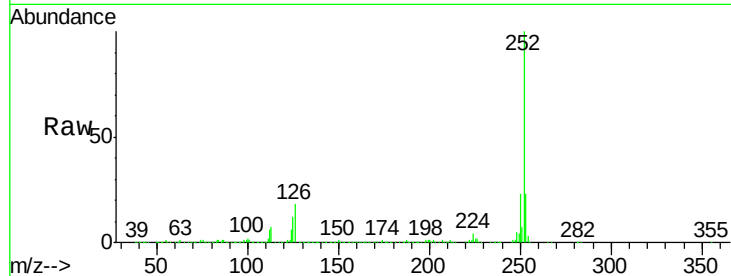
ClientSampleId :

MW-05MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 635361 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 17.2  | 25.8   |
| 125       | 12.0  | 6.8   | 10.2   |

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#89

Benzo(a)pyrene

Concen: 33.14 ng

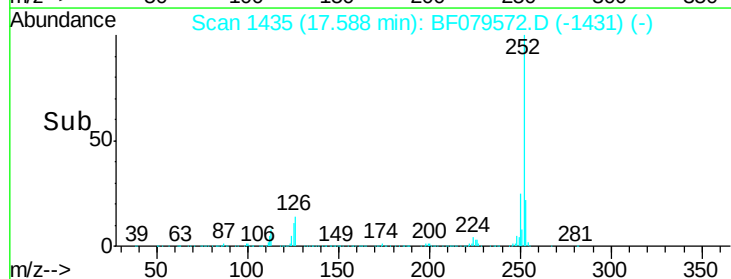
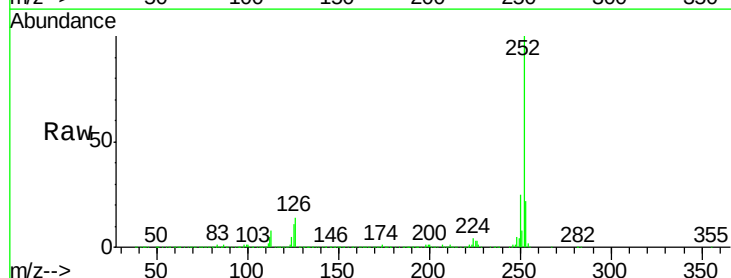
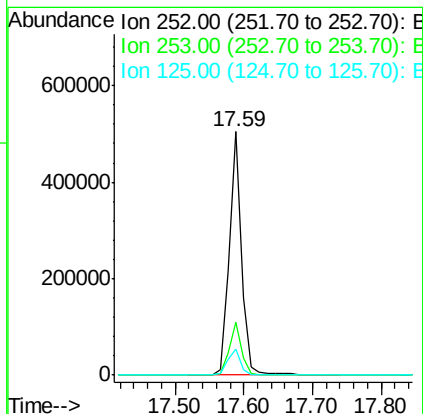
RT: 17.59 min Scan# 1435

Delta R.T. -0.15 min

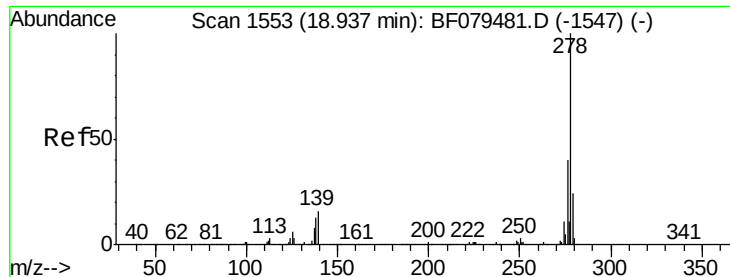
Lab File: BF079572.D

Acq: 29 May 2015 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 638698 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.8  | 26.8   |
| 125       | 10.7  | 7.9   | 11.9   |







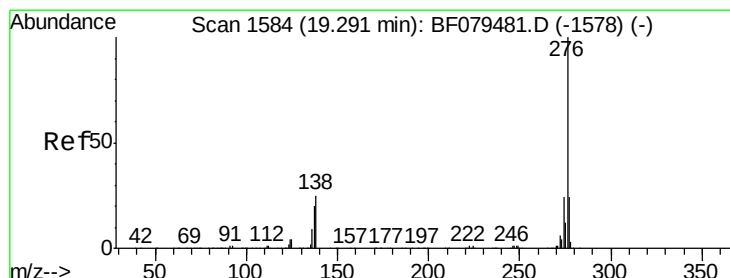
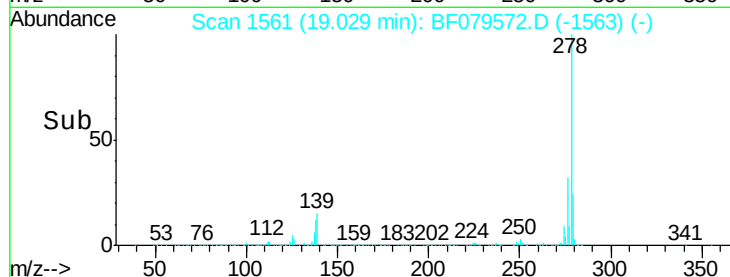
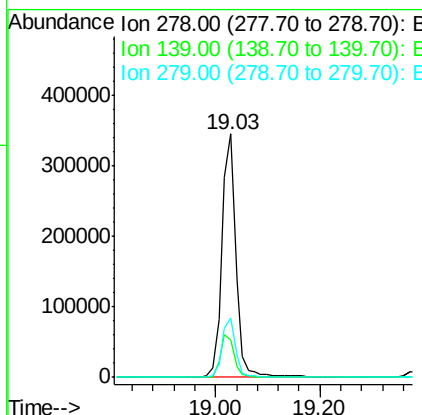
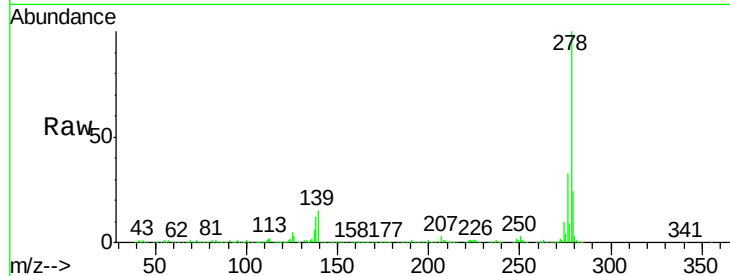
#90  
Dibenzo(a,h)anthracene  
Concen: 31.95 ng  
RT: 19.03 min Scan# 1561  
Delta R.T. -0.22 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

Instrument :  
BNA\_F  
ClientSampleId :  
MW-05MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.2  | 12.8  | 19.2  |
| 279     | 24.3  | 19.1  | 28.7  |

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#91  
Benzo(g,h,i)perylene  
Concen: 33.01 ng  
RT: 19.38 min Scan# 1592  
Delta R.T. -0.22 min  
Lab File: BF079572.D  
Acq: 29 May 2015 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 19.1  | 28.7  |
| 138     | 21.6  | 20.1  | 30.1  |

