

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\  
 Data File : BM003730.D  
 Acq On : 23 Dec 2015 04:31  
 Operator : UM/SJ  
 Sample : G4869-11MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

Manual Integrations  
 APPROVED

apatel  
 12/23/2015 3:47:03 PM

Quant Time: Dec 23 06:09:53 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 09 18:52:47 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 36808    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.48 | 136  | 144822   | 20.00 | ng    | -0.04    |
| 38) Acenaphthene-d10      | 14.35 | 164  | 73973    | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 17.09 | 188  | 154805   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 21.29 | 240  | 161671   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 23.53 | 264  | 80542    | 20.00 | ng    | -0.04    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.28  | 112 | 296834 | 143.38 | ng | -0.02 |
| 7) Phenol-d6                | 6.87  | 99  | 362777 | 126.19 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.85  | 82  | 244779 | 104.80 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol    | 15.84 | 330 | 113078 | 153.06 | ng | -0.03 |
| 44) 2-Fluorobiphenyl        | 12.96 | 172 | 547929 | 100.92 | ng | -0.03 |
| 78) Terphenyl-d14           | 19.73 | 244 | 630342 | 91.95  | ng | -0.03 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.19  | 88  | 35511  | 41.34 | ng | # 100  |
| 3) Pyridine                    | 3.59  | 79  | 95145  | 39.54 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.50  | 42  | 40491  | 52.55 | ng | 94     |
| 6) Aniline                     | 7.03  | 93  | 28597  | 7.56  | ng | 97     |
| 8) 2-Chlorophenol              | 7.26  | 128 | 118374 | 45.15 | ng | 98     |
| 9) Benzaldehyde                | 6.83  | 77  | 19878  | 14.10 | ng | 97     |
| 10) Phenol                     | 6.90  | 94  | 129213 | 42.36 | ng | # 72   |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 108587 | 44.00 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.58  | 146 | 125167 | 43.47 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146 | 127771 | 43.03 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.04  | 146 | 122824 | 43.32 | ng | 96     |
| 15) Benzyl Alcohol             | 7.93  | 79  | 67555  | 33.96 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 117666 | 44.63 | ng | 93     |
| 17) 2-Methylphenol             | 8.14  | 107 | 93883  | 44.02 | ng | 96     |
| 18) Hexachloroethane           | 8.76  | 117 | 44864  | 43.97 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.50  | 70  | 81251  | 43.09 | ng | # 89   |
| 20) 3+4-Methylphenols          | 8.47  | 107 | 124534 | 42.20 | ng | 98     |
| 22) Acetophenone               | 8.51  | 105 | 169298 | 47.70 | ng | # 92   |
| 24) Nitrobenzene               | 8.89  | 77  | 125506 | 49.70 | ng | 91     |
| 25) Isophorone                 | 9.41  | 82  | 220368 | 46.64 | ng | 97     |
| 26) 2-Nitrophenol              | 9.60  | 139 | 58407  | 45.73 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 9.66  | 122 | 108442 | 48.76 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 9.90  | 93  | 130921 | 46.12 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.13 | 162 | 104548 | 49.35 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.35 | 180 | 108834 | 46.01 | ng | 99     |
| 31) Naphthalene                | 10.53 | 128 | 652758 | 86.14 | ng | 99     |
| 32) Benzoic acid               | 9.79  | 122 | 49065  | 38.14 | ng | 97     |
| 33) 4-Chloroaniline            | 10.65 | 127 | 8766   | 2.80  | ng | # 88   |
| 34) Hexachlorobutadiene        | 10.82 | 225 | 64935  | 46.29 | ng | 95     |
| 35) Caprolactam                | 11.41 | 113 | 27353  | 39.05 | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 11.78 | 107 | 110555 | 46.28 | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.15 | 142 | 288632 | 55.53 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 117052 | 49.22 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.50 | 237 | 125949 | 94.95 | ng | 98     |

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 LTCWC-01MS

Manual Integrations  
 APPROVED

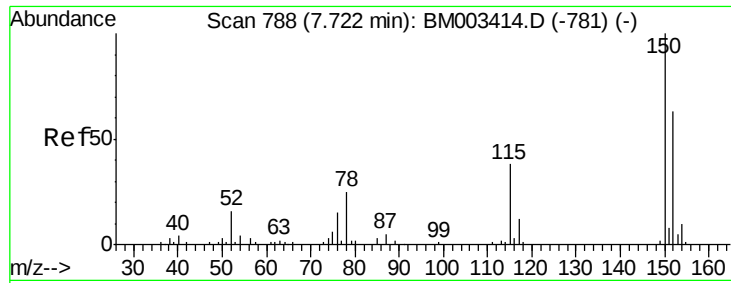
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 12/23/2015 3:47:03 PM

Quant Time: Dec 23 06:09:53 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.77 | 196  | 76950    | 49.61  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.85 | 196  | 84176    | 51.64  | nq #  | 89       |
| 45) 1,1'-Biphenyl              | 13.17 | 154  | 321946   | 49.08  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.22 | 162  | 238703   | 49.54  | nq #  | 93       |
| 47) 2-Nitroaniline             | 13.43 | 65   | 56983    | 47.68  | nq    | 96       |
| 48) Acenaphthylene             | 14.06 | 152  | 389644   | 48.50  | nq    | 100      |
| 49) Dimethylphthalate          | 13.80 | 163  | 294091   | 48.24  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.93 | 165  | 64075    | 50.38  | nq    | 96       |
| 51) Acenaphthene               | 14.41 | 154  | 265928   | 57.13  | nq    | 100      |
| 52) 3-Nitroaniline             | 14.26 | 138  | 8558     | 6.58   | nq    | 83       |
| 53) 2,4-Dinitrophenol          | 14.47 | 184  | 65641    | 90.37  | nq #  | 84       |
| 54) Dibenzofuran               | 14.75 | 168  | 396972   | 59.04  | nq    | 93       |
| 55) 4-Nitrophenol              | 14.57 | 139  | 102962   | 95.79  | nq #  | 76       |
| 56) 2,4-Dinitrotoluene         | 14.72 | 165  | 87883    | 53.26  | nq #  | 72       |
| 57) Fluorene                   | 15.40 | 166  | 313328   | 56.22  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.97 | 232  | 69992    | 55.86  | nq #  | 100      |
| 59) Diethylphthalate           | 15.17 | 149  | 295801   | 49.42  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.39 | 204  | 136011   | 48.26  | nq    | 93       |
| 61) 4-Nitroaniline             | 15.42 | 138  | 42226    | 31.77  | nq    | 76       |
| 62) Azobenzene                 | 15.69 | 77   | 261436   | 55.72  | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 43905    | 47.01  | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.61 | 169  | 142022   | 29.02  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.29 | 248  | 80200    | 48.05  | nq #  | 86       |
| 67) Hexachlorobenzene          | 16.40 | 284  | 88289    | 49.23  | nq #  | 83       |
| 68) Atrazine                   | 16.56 | 200  | 14657    | 9.60   | nq    | 98       |
| 69) Pentachlorophenol          | 16.75 | 266  | 97742    | 95.48  | nq    | 98       |
| 70) Phenanthrene               | 17.14 | 178  | 494123   | 56.88  | nq    | 99       |
| 71) Anthracene                 | 17.23 | 178  | 447727   | 51.87  | nq    | 99       |
| 72) Carbazole                  | 17.50 | 167  | 183034   | 24.34  | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.06 | 149  | 478771   | 54.47  | nq    | 99       |
| 74) Fluoranthene               | 19.16 | 202  | 498615   | 55.66  | nq    | 97       |
| 76) Benzydine                  | 19.36 | 184  | 25656m   | 4.95   | nq    |          |
| 77) Pyrene                     | 19.52 | 202  | 511428   | 45.11  | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.43 | 149  | 205320   | 47.02  | nq    | 93       |
| 80) Benzo(a)anthracene         | 21.27 | 228  | 483943   | 49.93  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.21 | 252  | 12522    | 4.06   | nq    | 97       |
| 82) Chrysene                   | 21.33 | 228  | 445186   | 47.72  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 298587   | 49.86  | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.09 | 149  | 516801   | 52.24  | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.80 | 276  | 544820   | 55.58  | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 22.86 | 252  | 516764   | 105.55 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 22.90 | 252  | 453191   | 94.82  | nq    | 98       |
| 89) Benzo(a)pyrene             | 23.44 | 252  | 420989   | 91.42  | nq #  | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.81 | 278  | 509085   | 113.22 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 26.49 | 276  | 441002   | 97.08  | nq    | 98       |

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





#1

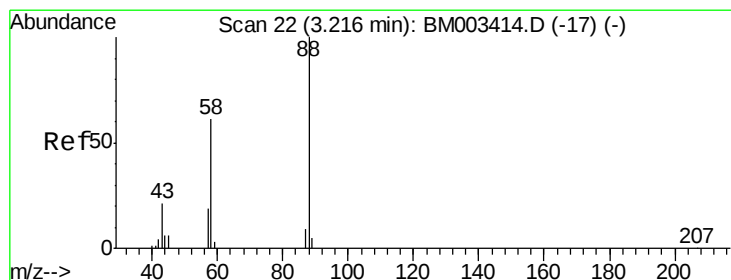
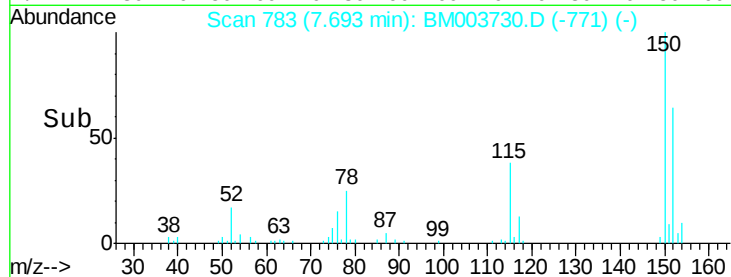
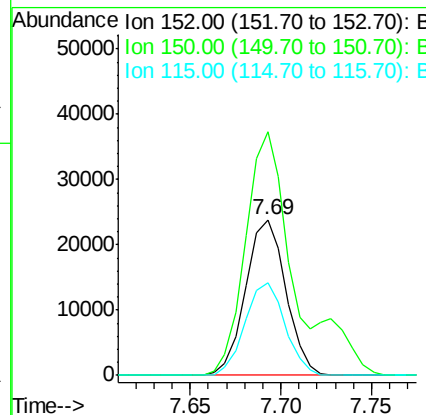
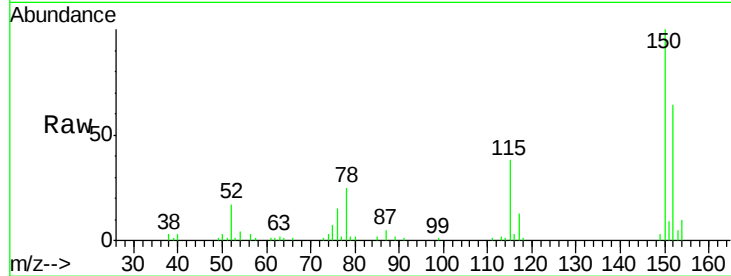
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.69 min Scan# 783  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 119.5 | 179.3 |
| 115     | 59.8  | 43.0  | 64.4  |

Manual Integrations  
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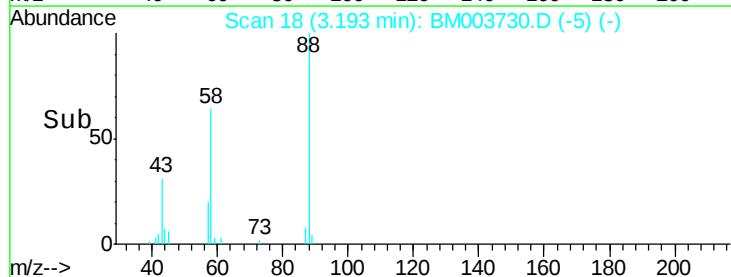
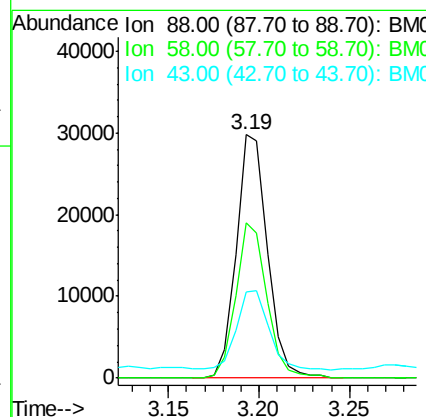
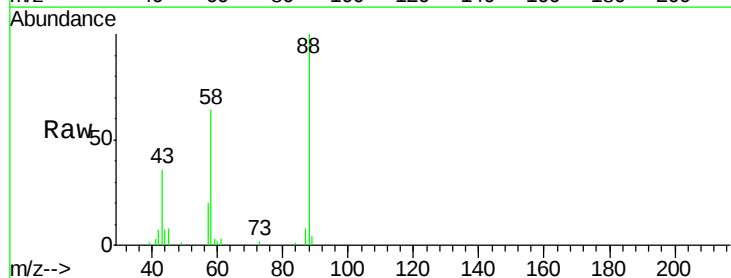
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12/23/2015 3:47:03 PM

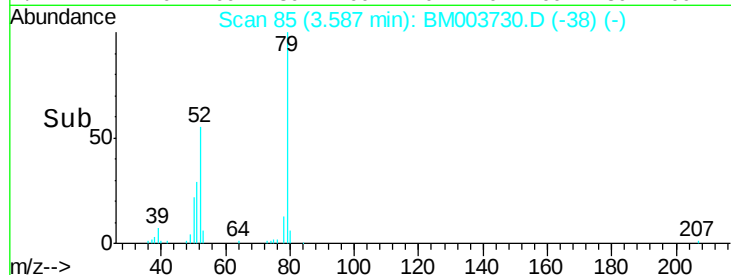
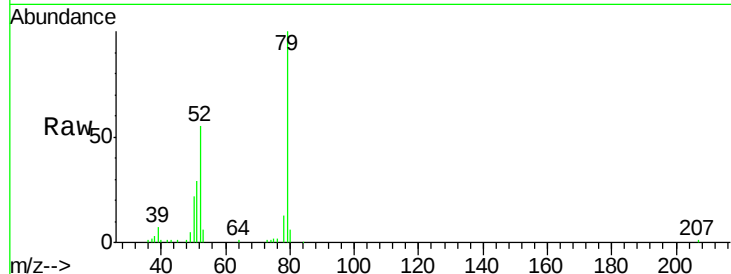
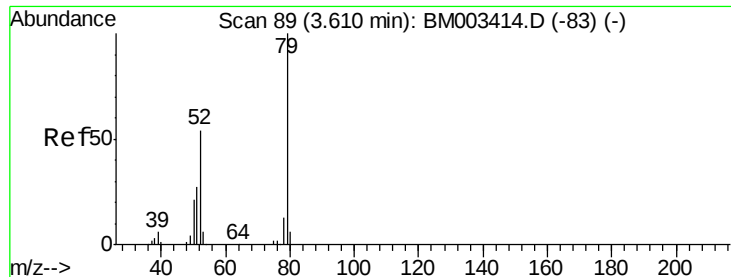


#2

1,4-Dioxane  
Concen: 41.34 ng  
RT: 3.19 min Scan# 18  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.7  | 0.0   | 0.0#  |
| 43      | 33.4  | 0.0   | 0.0#  |





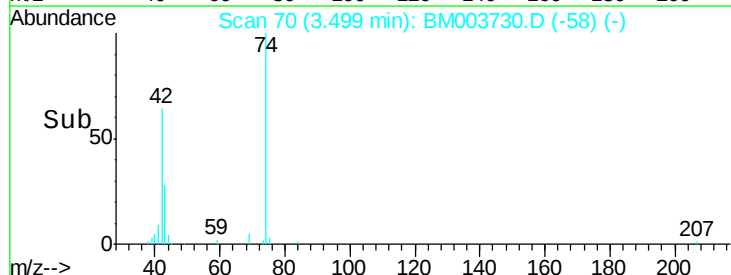
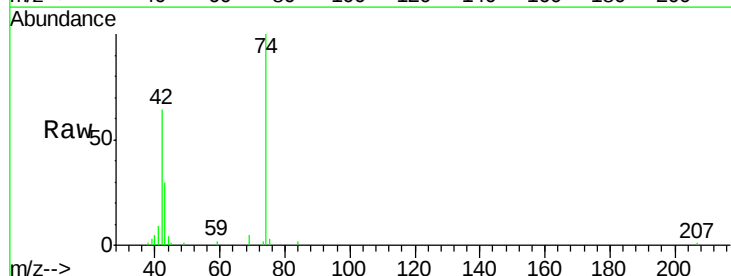
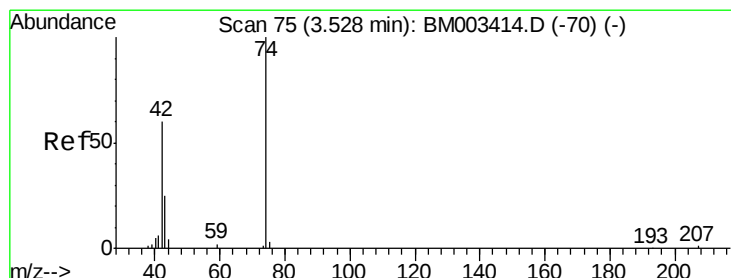
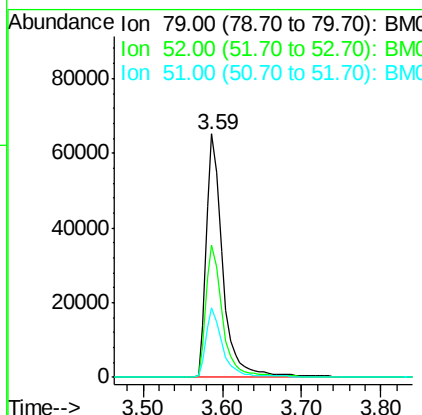
#3  
 Pvridine  
 Concen: 39.54 ng  
 RT: 3.59 min Scan# 85  
 Delta R.T. -0.02 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 95145 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 54.6  | 51.1  | 76.7  |
| 51        | 28.7  | 26.1  | 39.1  |

Instrument :  
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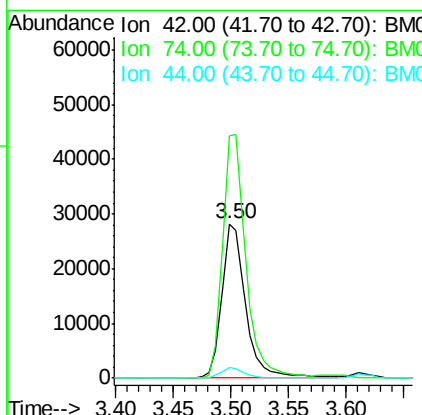
Manual Integrations  
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 12/23/2015 3:47:03 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 52.55 ng  
 RT: 3.50 min Scan# 70  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 40491 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 157.1 | 119.3 | 178.9 |
| 44        | 6.5   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 143.38 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

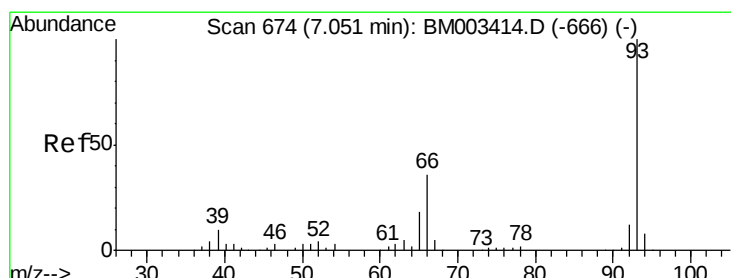
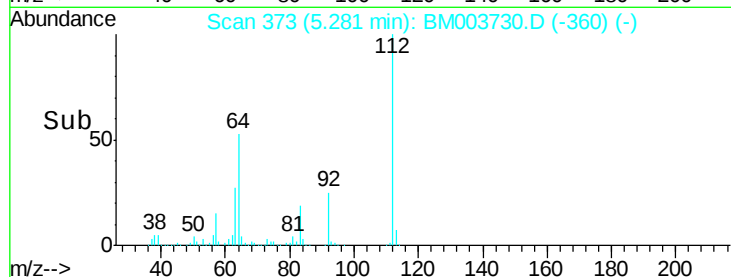
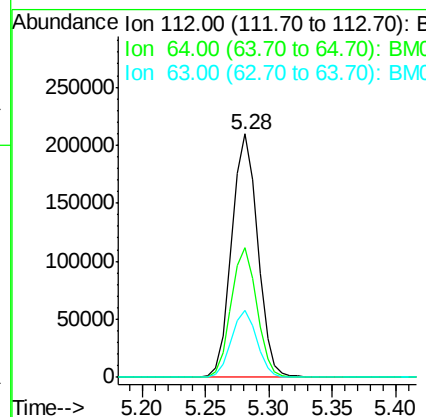
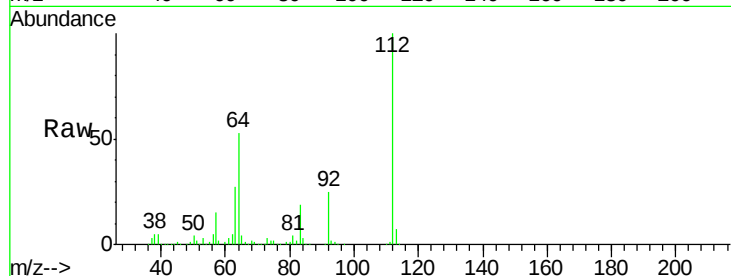
ClientSampleId :

LTCWC-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 296834 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.4  | 38.6  | 57.8   |
| 63        | 27.4  | 19.3  | 28.9   |

Manual Integrations  
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12/23/2015 3:47:03 PM



#6

Aniline

Concen: 7.56 ng

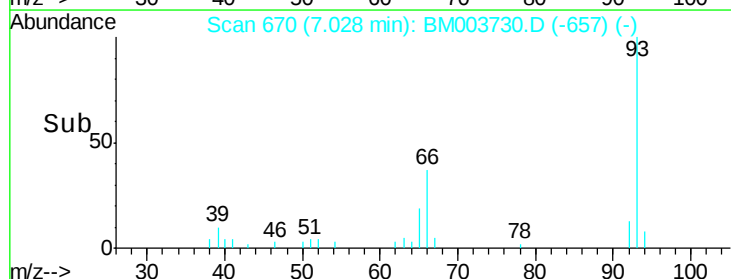
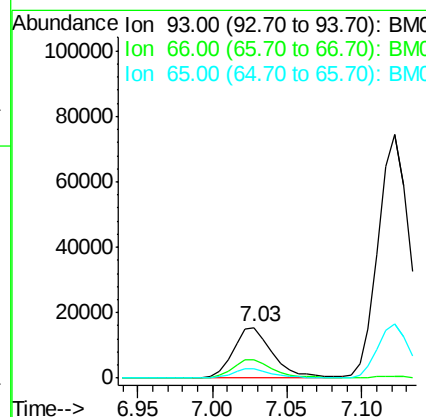
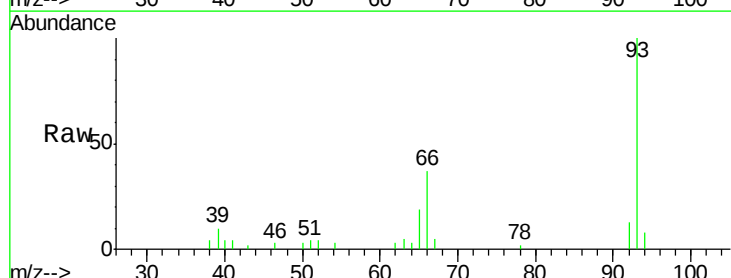
RT: 7.03 min Scan# 670

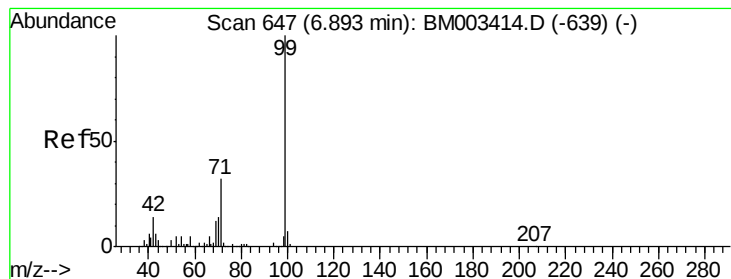
Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 28597 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 36.7  | 30.8  | 46.2  |
| 65        | 18.7  | 16.0  | 24.0  |





#7

Phenol-d6

Concen: 126.19 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

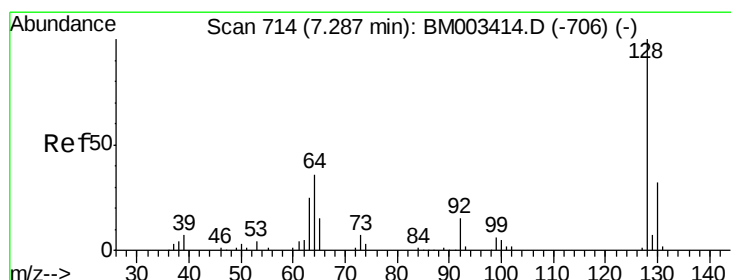
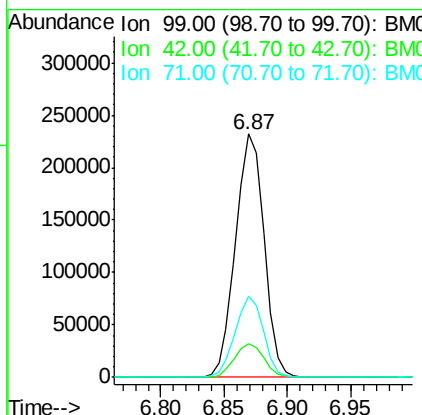
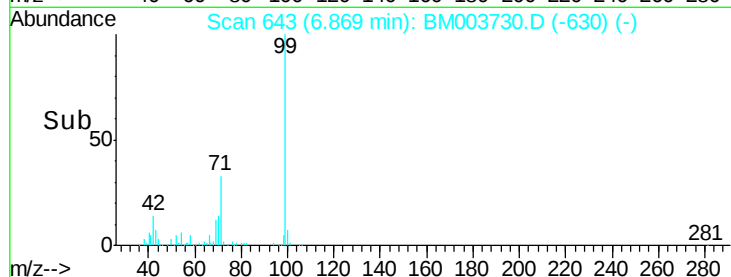
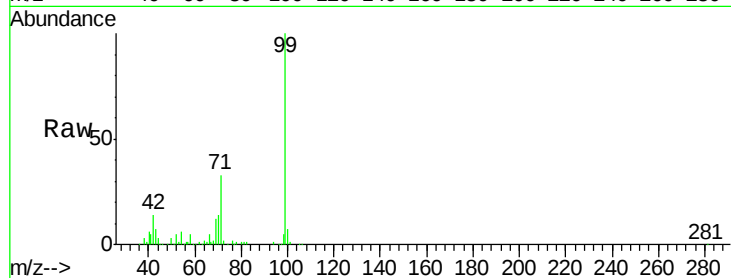
ClientSampleId :

LTCWC-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 362777 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.1  | 11.0  | 16.4   |
| 71        | 33.1  | 23.4  | 35.2   |

Manual Integrations  
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12/23/2015 3:47:03 PM



#8

2-Chlorophenol

Concen: 45.15 ng

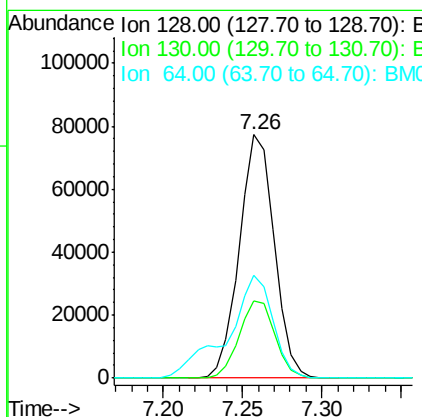
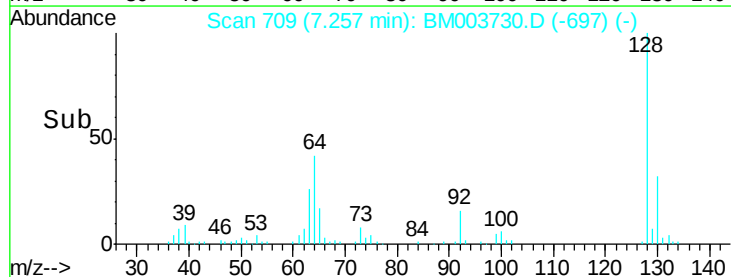
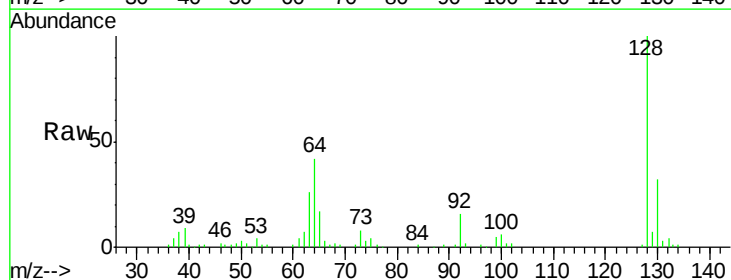
RT: 7.26 min Scan# 709

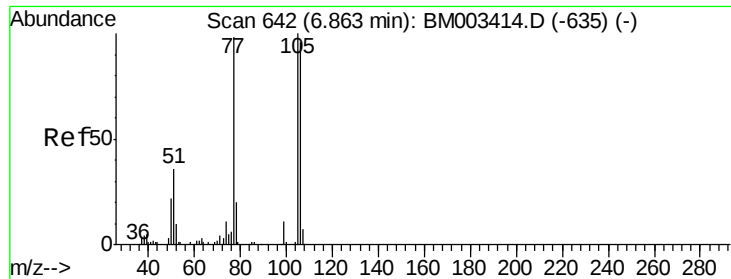
Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 118374 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.9  | 12.0  | 52.0   |
| 64        | 42.5  | 24.9  | 64.9   |





#9

Benzaldehyde

Concen: 14.10 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

ClientSampleId :

LTCWC-01MS

Tot Ion: 77 Resp: 19878

Ion Ratio Lower Upper

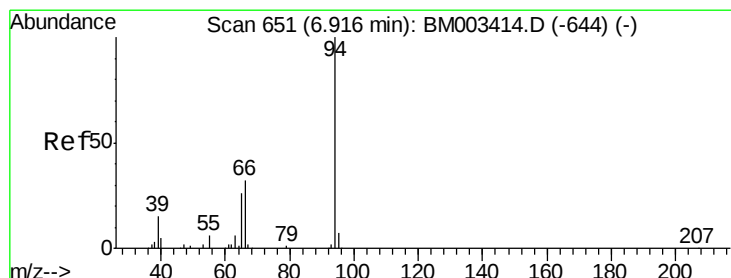
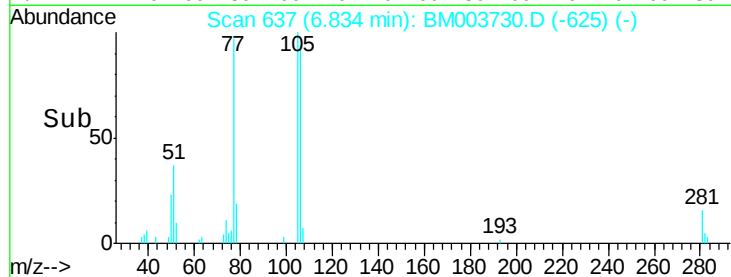
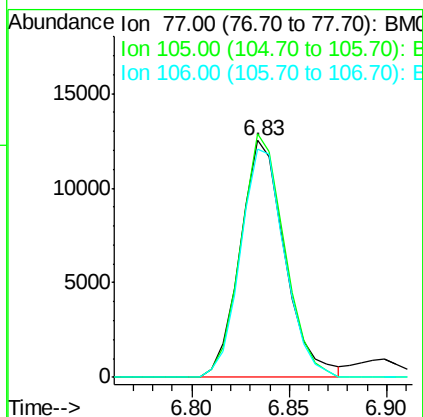
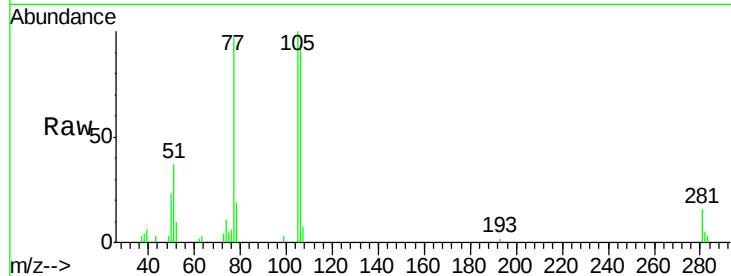
77 100

105 102.9 78.8 118.8

106 96.4 73.7 113.7

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#10

Phenol

Concen: 42.36 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

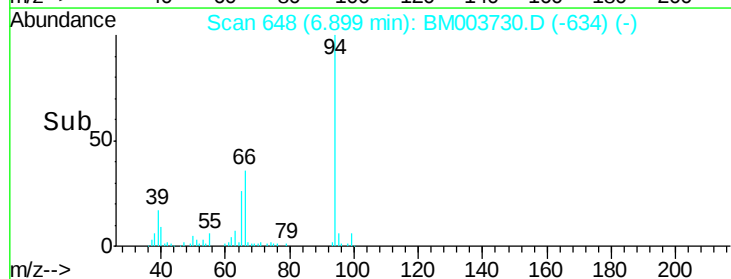
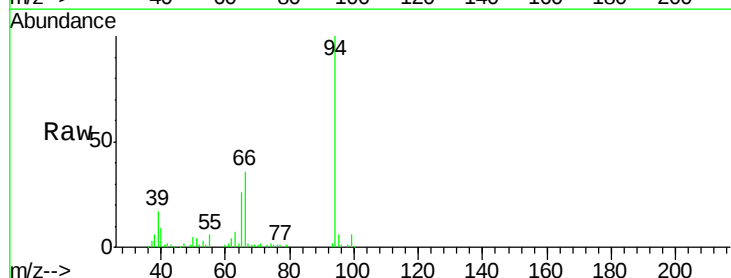
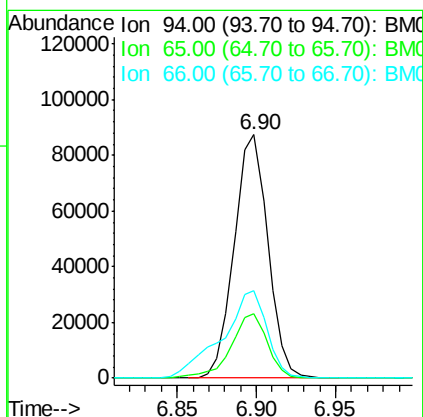
Tgt Ion: 94 Resp: 129213

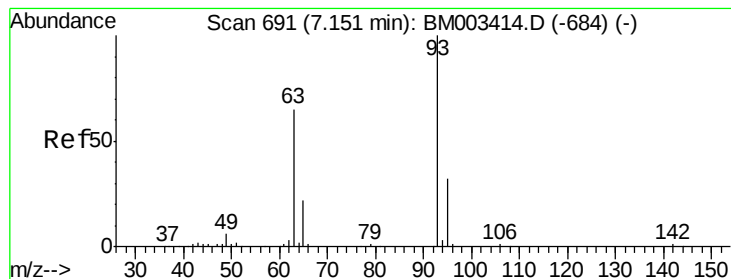
Ion Ratio Lower Upper

94 100

65 26.3 18.8 58.8

66 35.7 39.9 79.9#





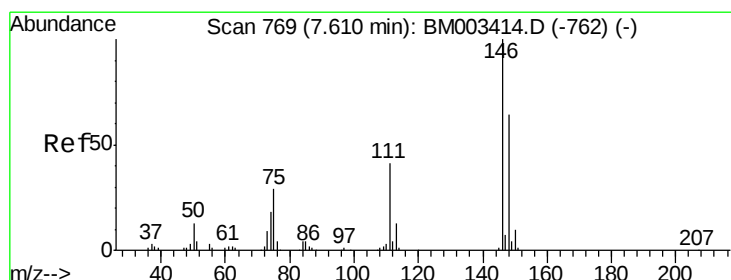
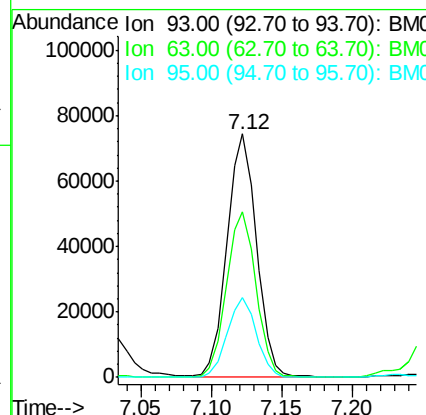
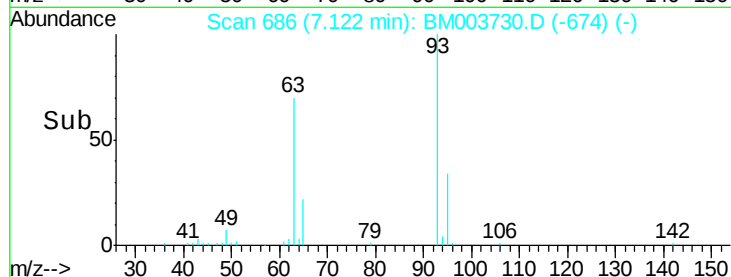
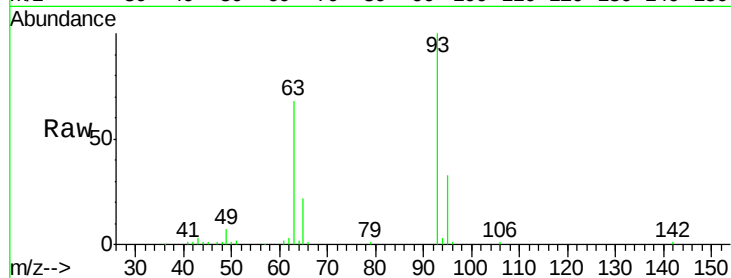
#11  
bis(2-Chloroethyl)ether  
Concen: 44.00 ng  
RT: 7.12 min Scan# 686  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 108587 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 68.0  | 49.5  | 89.5   |
| 95        | 32.8  | 13.5  | 53.5   |

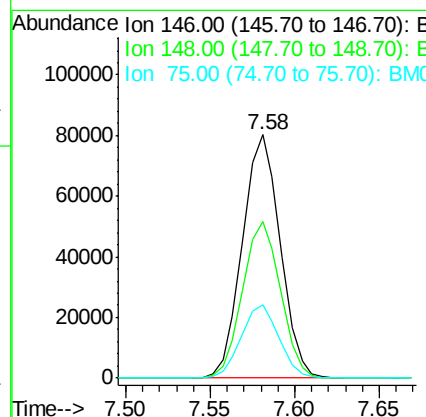
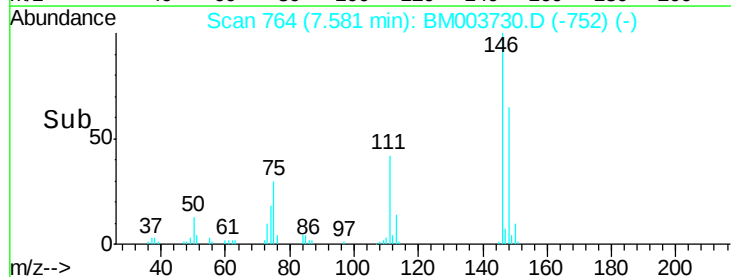
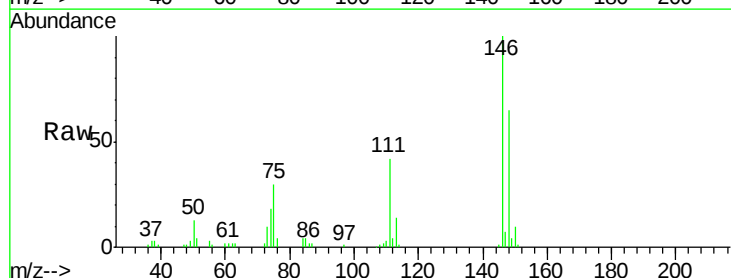
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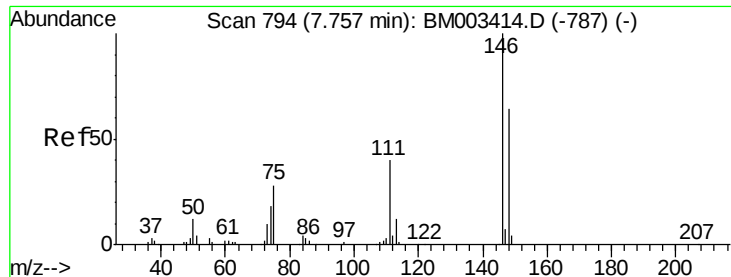
apatel  
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#12  
1,3-Dichlorobenzene  
Concen: 43.47 ng  
RT: 7.58 min Scan# 764  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 125167 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 50.9  | 76.3   |
| 75        | 30.0  | 21.4  | 32.2   |





#13

1,4-Dichlorobenzene

Concen: 43.03 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

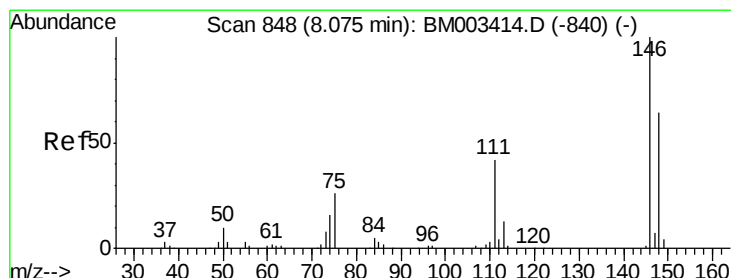
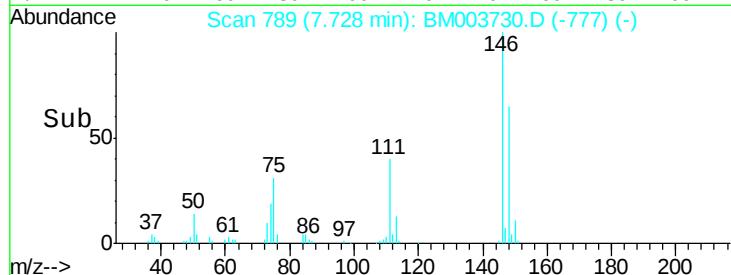
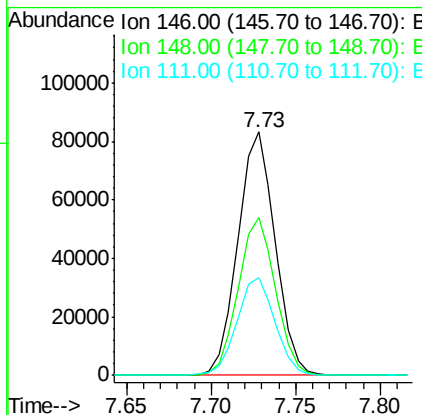
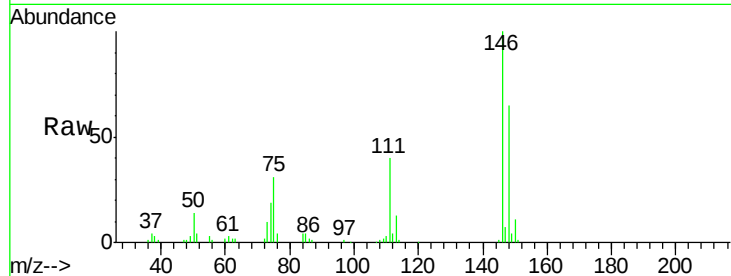
ClientSampleId :

LTCWC-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 127771 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 51.9  | 77.9   |
| 111       | 40.3  | 29.2  | 43.8   |

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#14

1,2-Dichlorobenzene

Concen: 43.32 ng

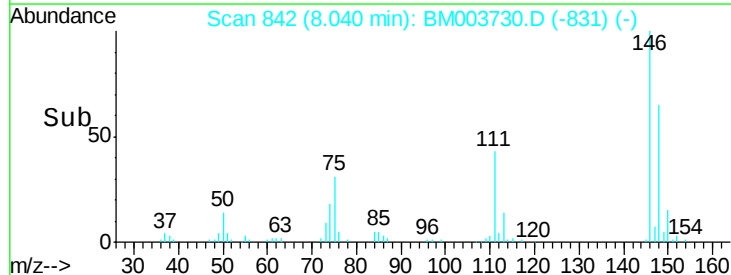
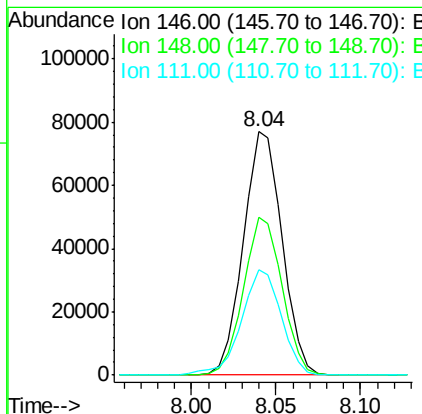
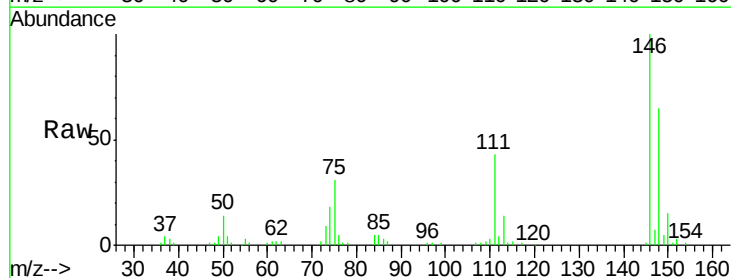
RT: 8.04 min Scan# 842

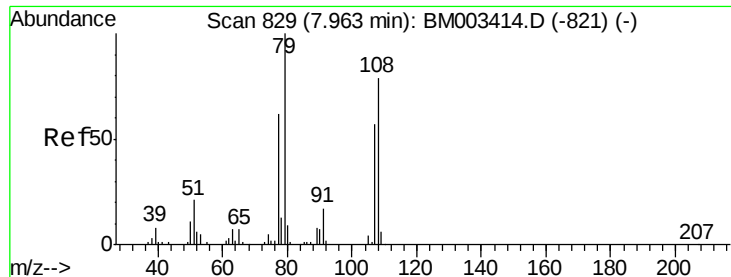
Delta R.T. -0.04 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 122824 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 52.3  | 78.5   |
| 111       | 43.4  | 30.6  | 45.8   |





#15

Benzyl Alcohol

Concen: 33.96 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

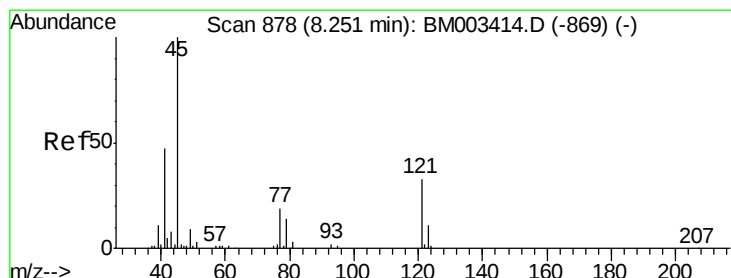
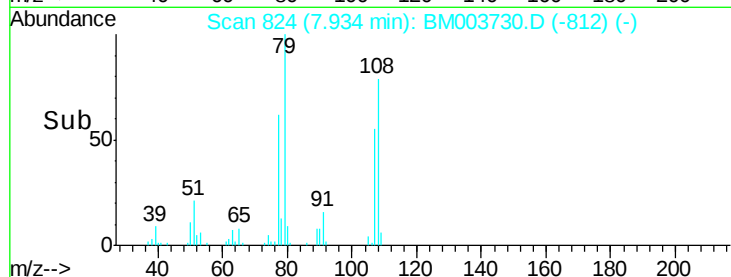
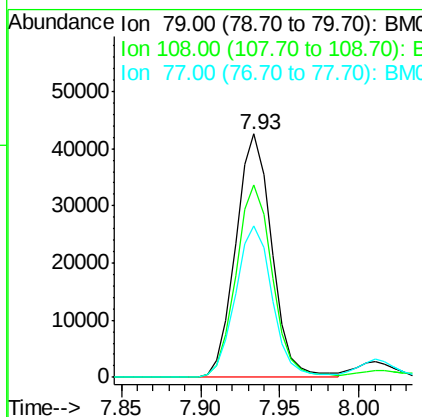
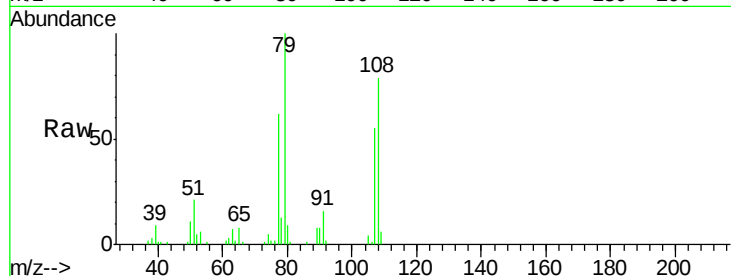
ClientSampleId :

LTCWC-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 67555 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 79.1  | 65.0  | 97.4  |
| 77        | 62.2  | 53.0  | 79.6  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.63 ng

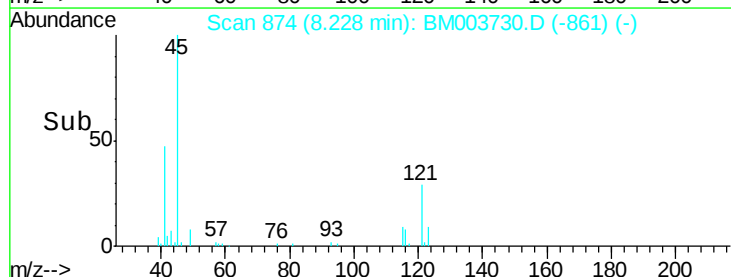
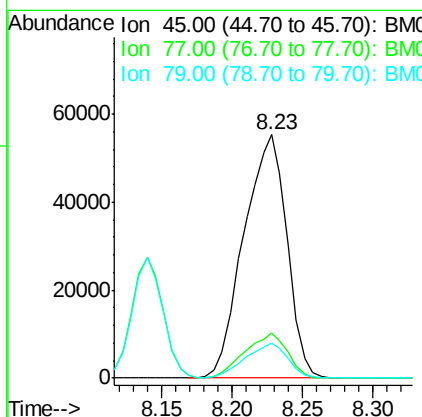
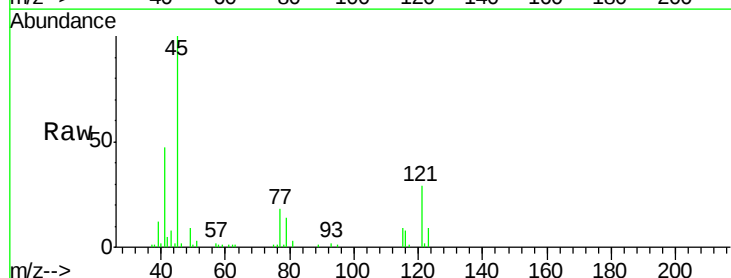
RT: 8.23 min Scan# 874

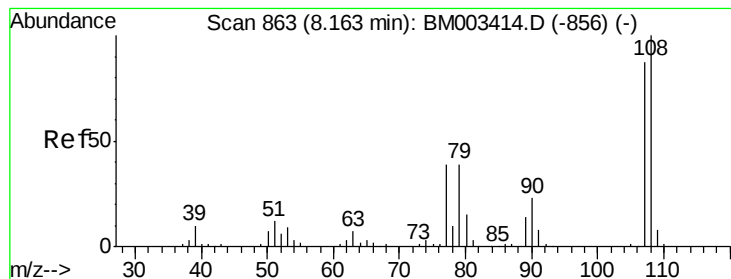
Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 117666 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 18.3  | 0.0   | 35.2   |
| 79        | 14.2  | 0.0   | 32.0   |





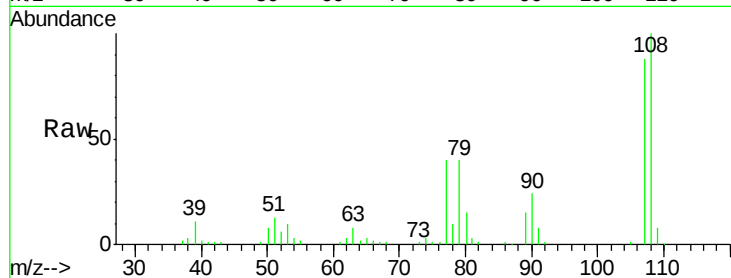
#17  
2-Methylphenol  
Concen: 44.02 ng  
RT: 8.14 min Scan# 859  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

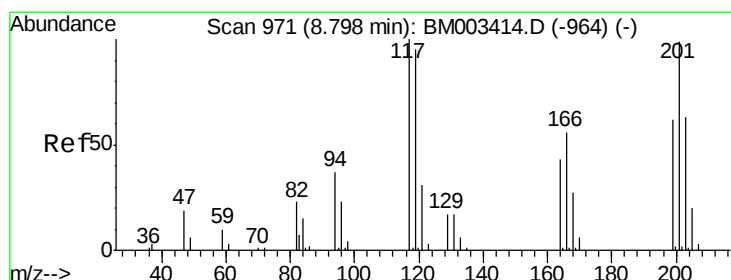
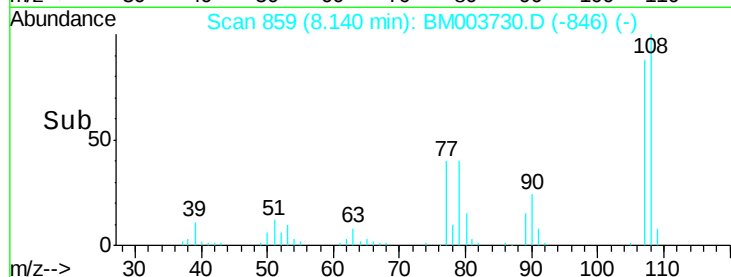
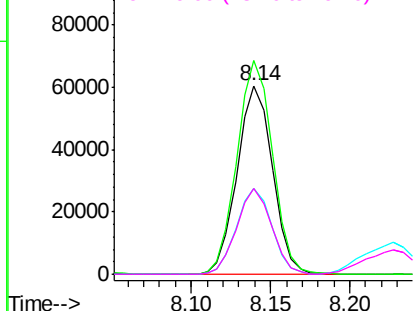
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 93883 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.4 | 89.8  | 134.8 |
| 77        | 45.2  | 32.6  | 48.8  |
| 79        | 45.6  | 32.8  | 49.2  |

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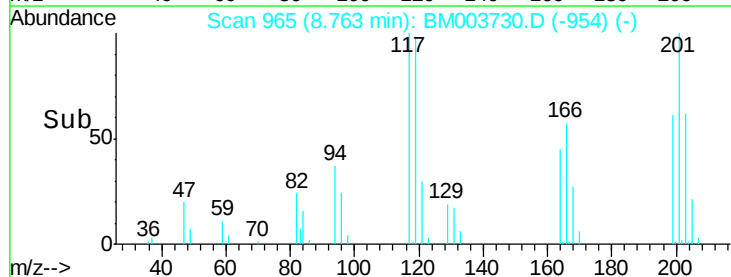
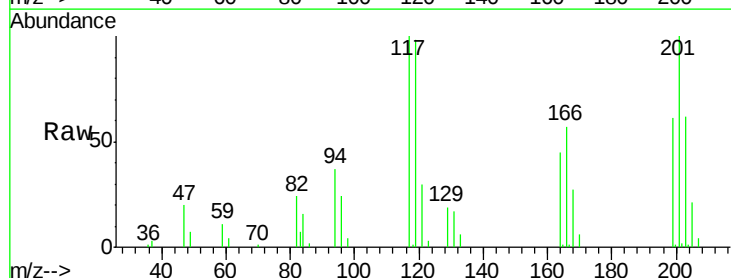
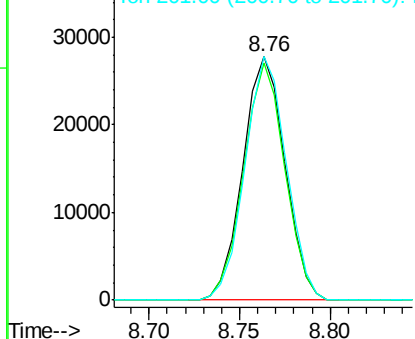
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM  
Ion 79.00 (78.70 to 79.70): BM

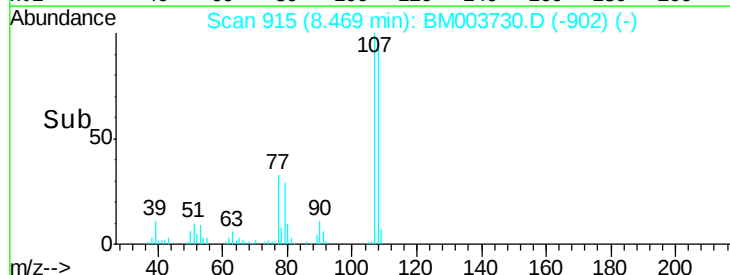
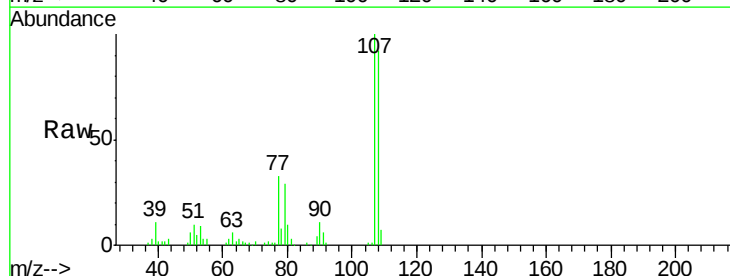
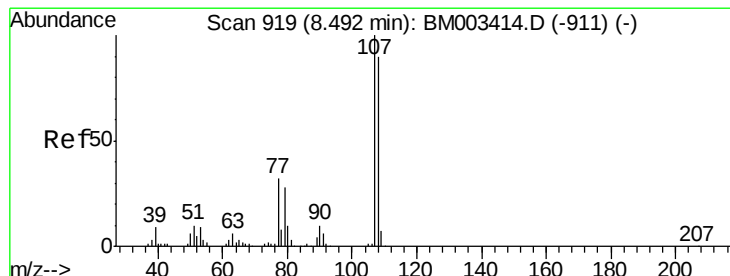
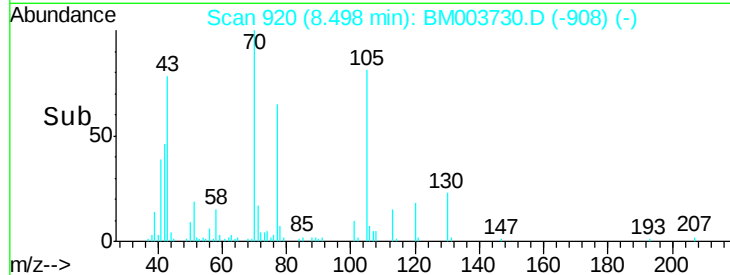
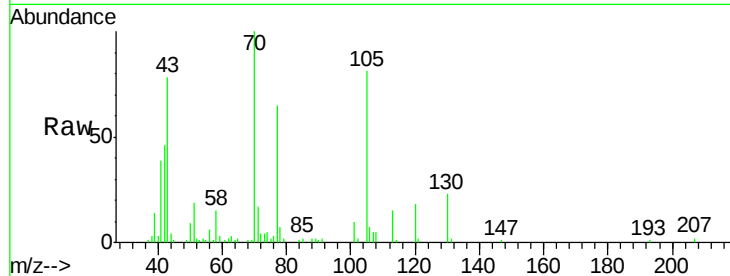
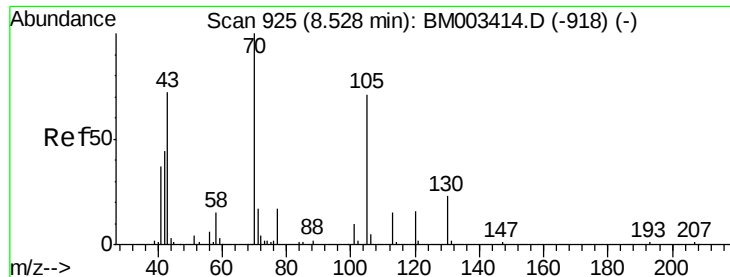


#18  
Hexachloroethane  
Concen: 43.97 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 44864 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 97.6  | 79.2  | 118.8 |
| 201       | 99.8  | 69.8  | 104.6 |

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





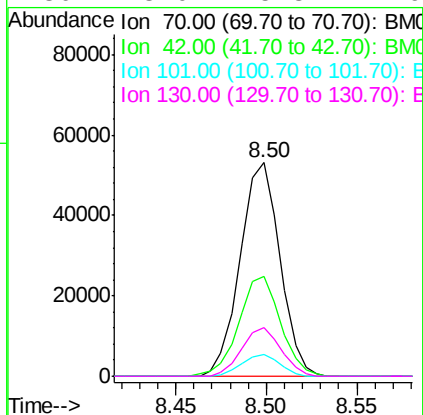
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.09 ng  
RT: 8.50 min Scan# 920  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 46.5 | 44.5  | 66.7  |       |
| 101     | 10.3 | 7.4   | 11.2  |       |
| 130     | 23.0 | 15.3  | 22.9# |       |

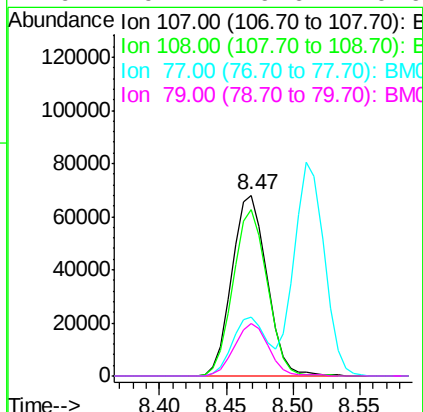
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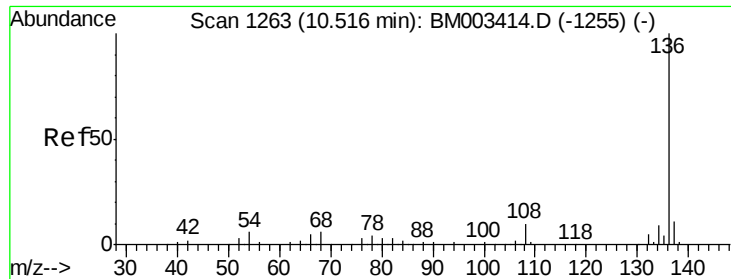
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#20  
3+4-Methylphenols  
Concen: 42.20 ng  
RT: 8.47 min Scan# 915  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.8 | 73.2  | 113.2 |       |
| 77      | 32.6 | 10.7  | 50.7  |       |
| 79      | 29.2 | 9.6   | 49.6  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

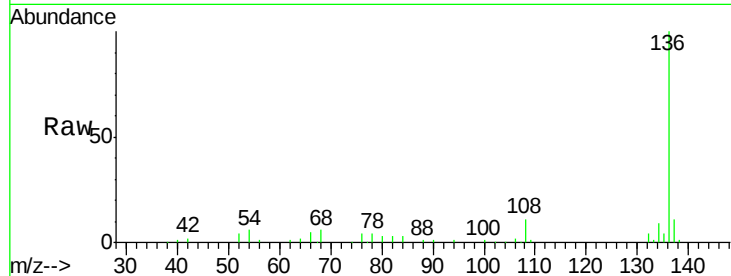
ClientSampleId :

LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 144822 |       |       |
| 137     | 11.4  | 8.7    | 13.1  |       |
| 54      | 6.4   | 4.6    | 6.8   |       |
| 68      | 5.8   | 3.7    | 5.5   |       |

Manual Integrations  
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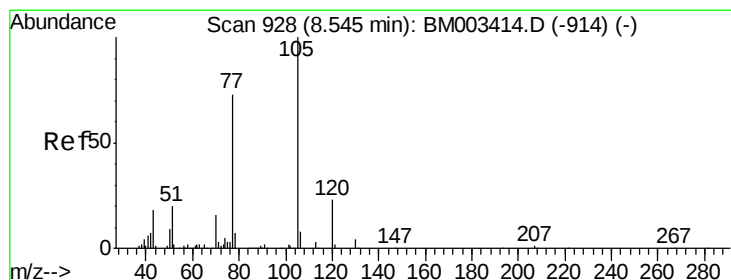
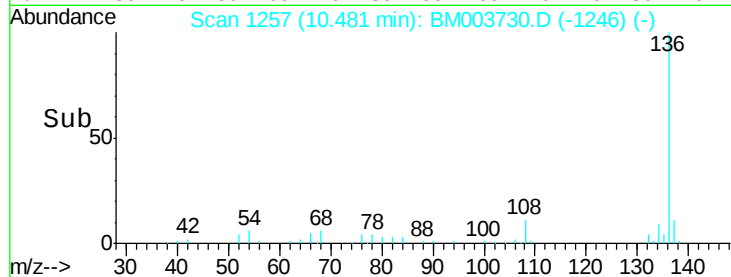
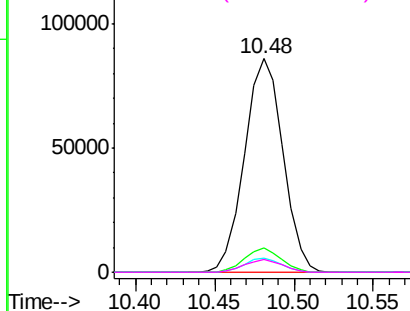


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 47.70 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.04 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

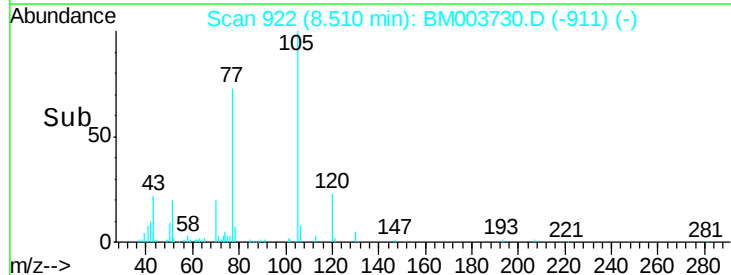
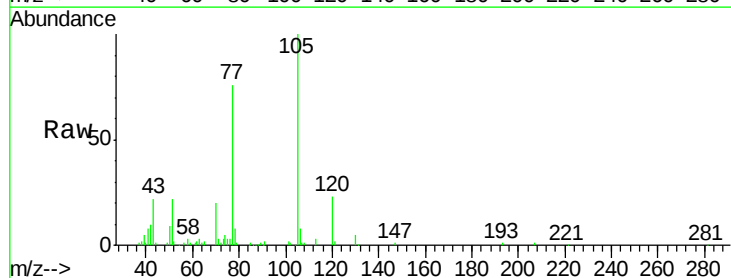
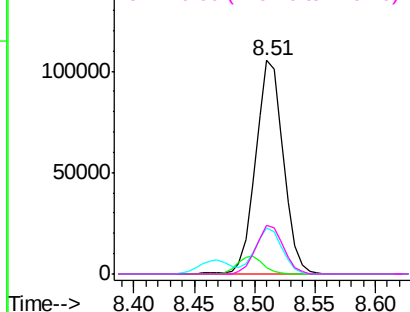
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 169298 |       |       |
| 71      | 3.2   | 0.6    | 1.0   |       |
| 51      | 21.6  | 21.6   | 32.4  |       |
| 120     | 22.6  | 16.1   | 24.1  |       |

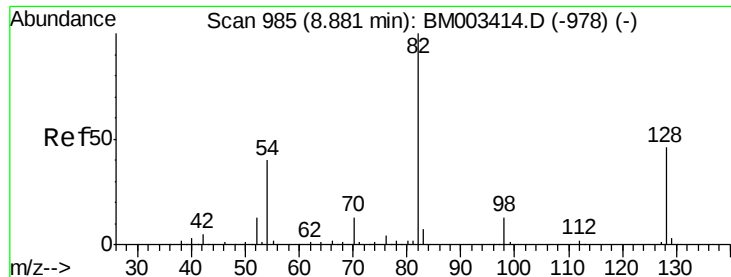
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 104.80 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

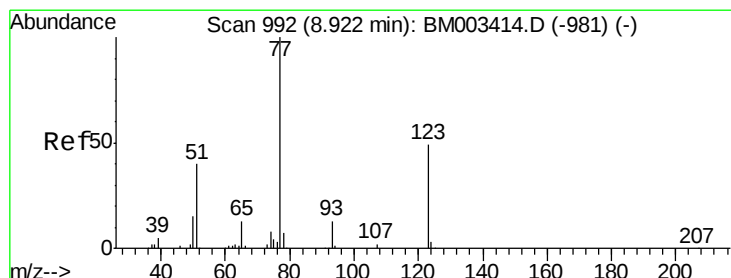
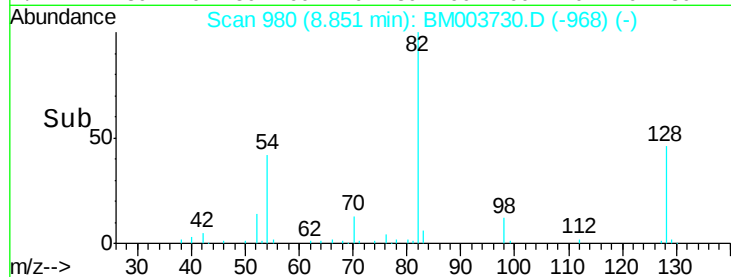
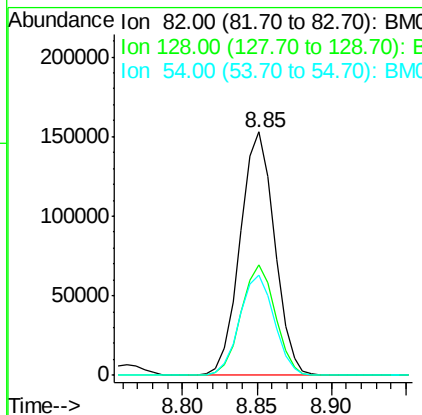
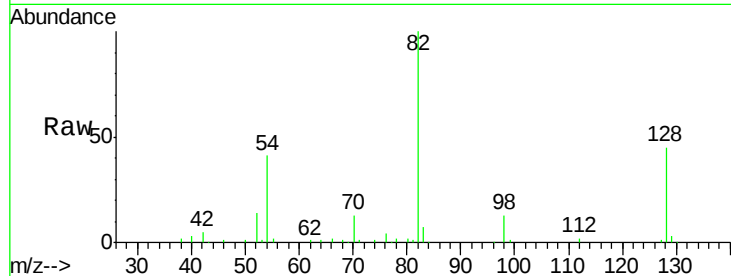
ClientSampleId :

LTCWC-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 244779 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.1  | 32.8  | 49.2   |
| 54        | 41.1  | 40.6  | 60.8   |

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#24

Nitrobenzene

Concen: 49.70 ng

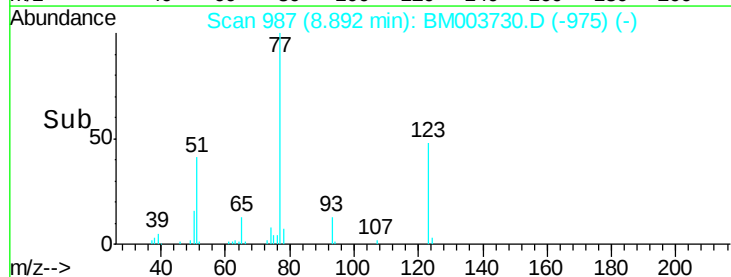
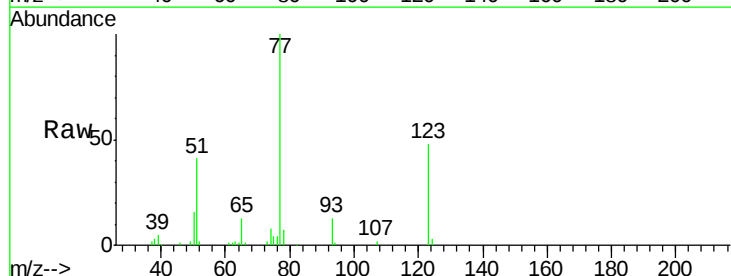
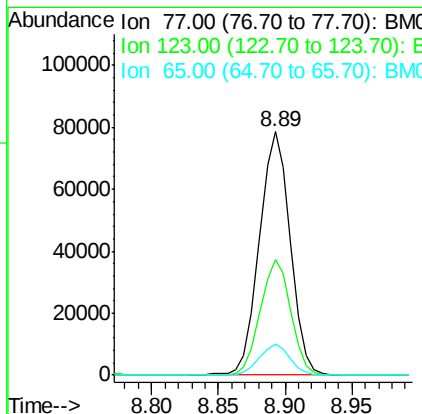
RT: 8.89 min Scan# 987

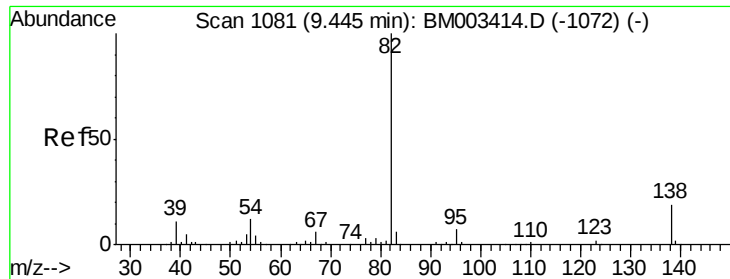
Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 125506 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.6  | 32.6  | 49.0   |
| 65        | 13.0  | 10.9  | 16.3   |





#25

Isophorone

Concen: 46.64 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

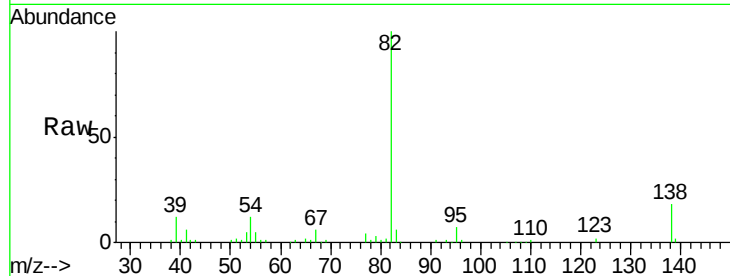
ClientSampleId :

LTCWC-01MS

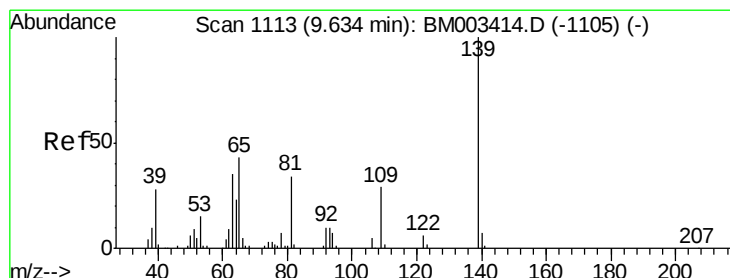
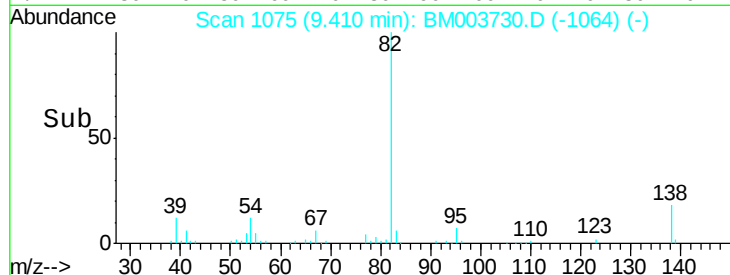
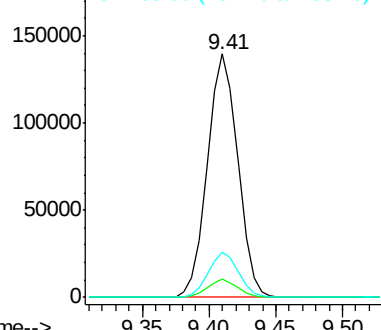
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 220368 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.3   | 5.8   | 8.6    |
| 138       | 18.4  | 16.3  | 24.5   |

Manual Integrations  
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Abundance Ion 82.00 (81.70 to 82.70): BM003730.D (-1064) (-)



#26

2-Nitrophenol

Concen: 45.73 ng

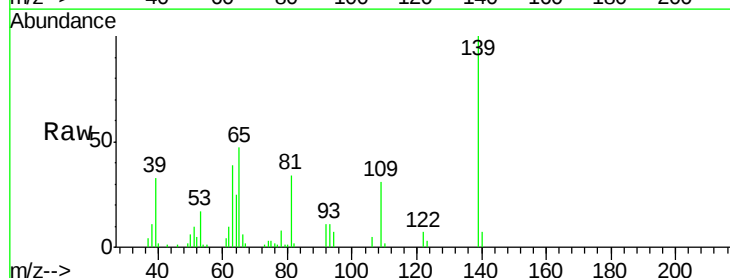
RT: 9.60 min Scan# 1107

Delta R.T. -0.03 min

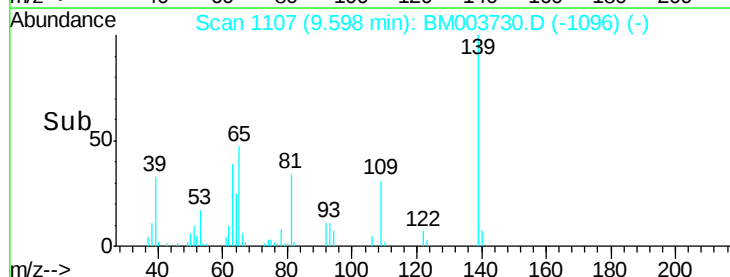
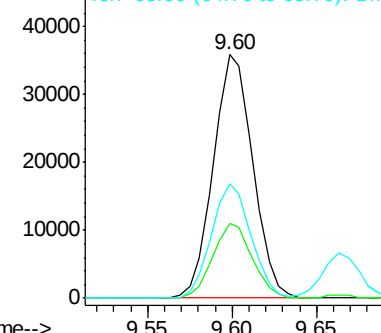
Lab File: BM003730.D

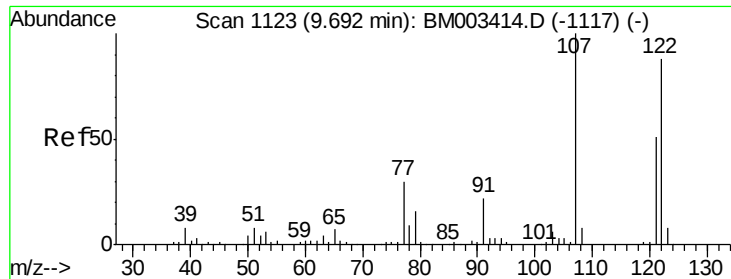
Acq: 23 Dec 2015 04:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 58407 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.9  | 20.1  | 30.1# |
| 65        | 46.7  | 31.5  | 47.3  |



Abundance Ion 139.00 (138.70 to 139.70): BM003730.D (-1096) (-)





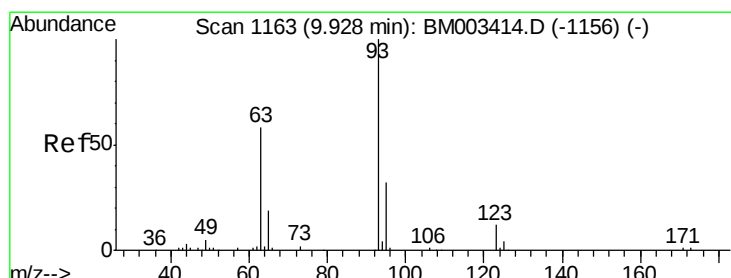
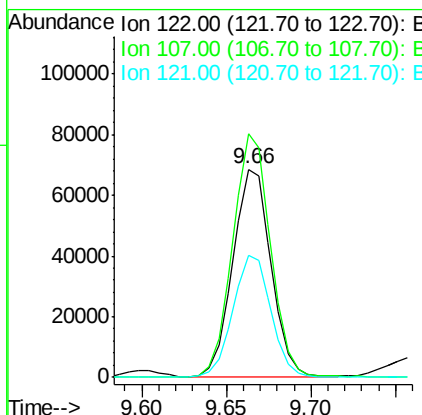
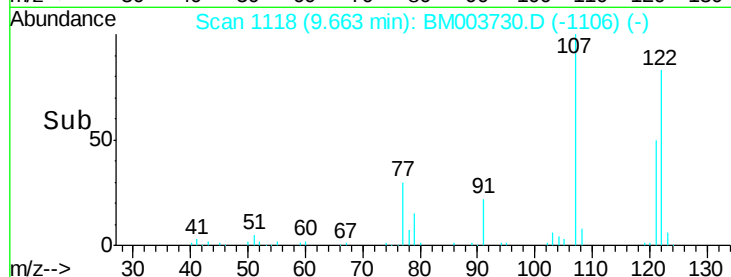
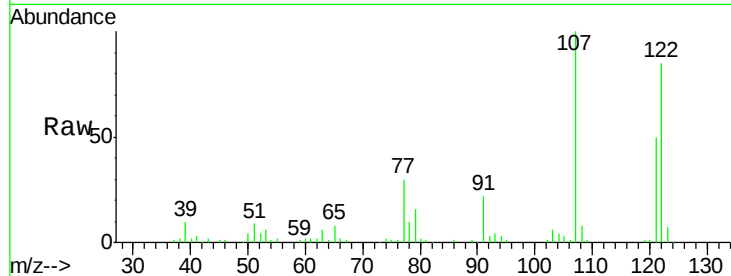
#27  
 2,4-Dimethylphenol  
 Concen: 48.76 ng  
 RT: 9.66 min Scan# 1118  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 108442 |       |       |
| 107     | 117.1 | 84.7  | 127.1  |       |       |
| 121     | 58.8  | 46.6  | 69.8   |       |       |

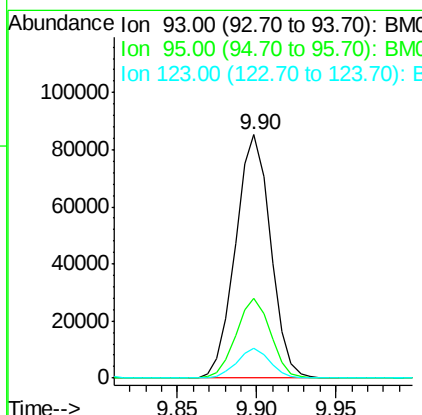
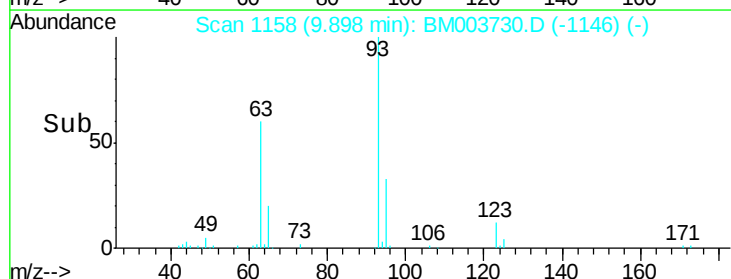
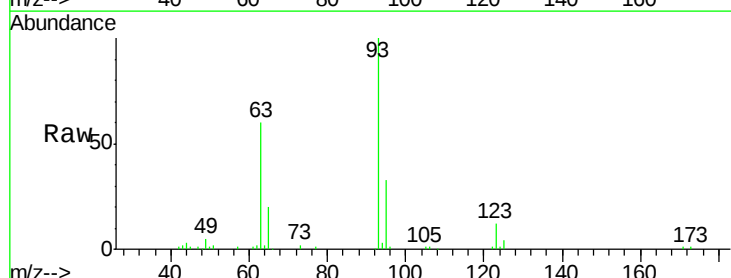
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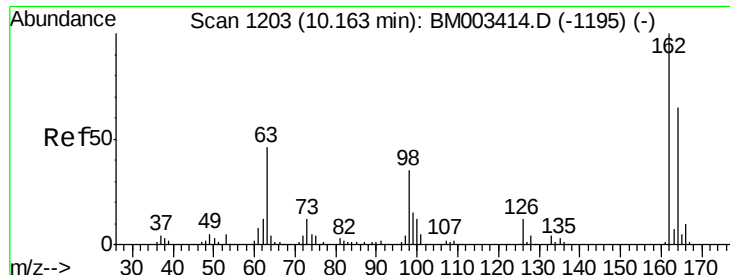
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 12/23/2015 3:47:03 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.12 ng  
 RT: 9.90 min Scan# 1158  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 130921 |       |       |
| 95      | 32.8 | 25.5  | 38.3   |       |       |
| 123     | 12.2 | 8.6   | 13.0   |       |       |





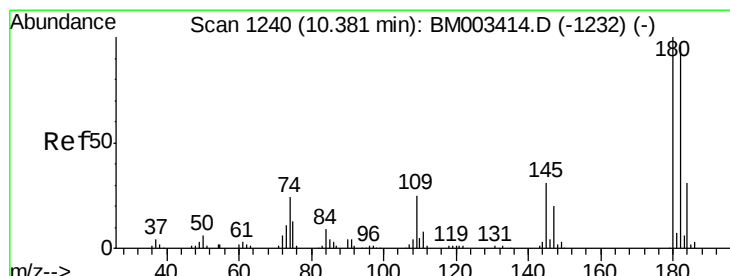
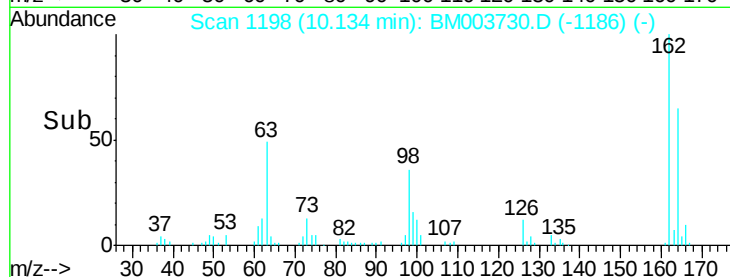
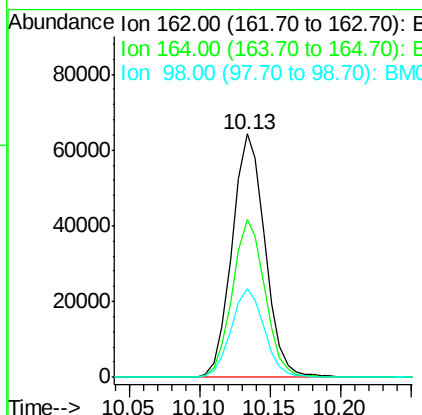
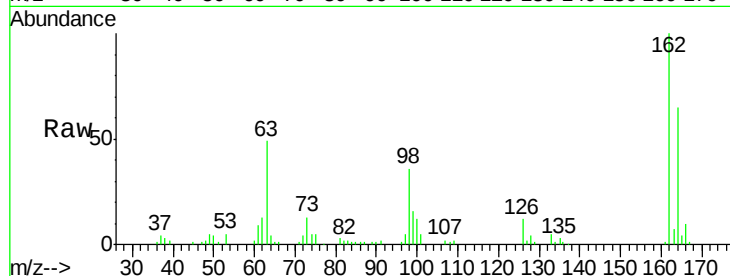
#29  
2,4-Dichlorophenol  
Concen: 49.35 ng  
RT: 10.13 min Scan# 1198  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 104548 |       |       |
| 164     | 64.8  | 42.8   | 82.8  |       |
| 98      | 36.4  | 14.5   | 54.5  |       |

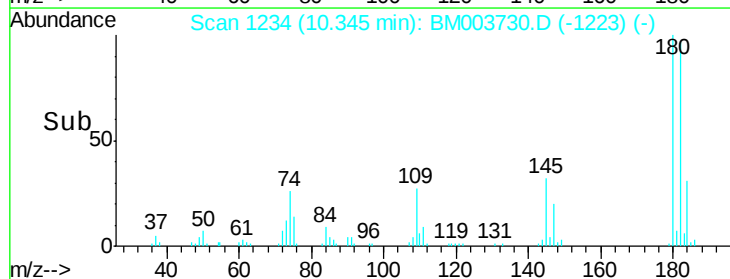
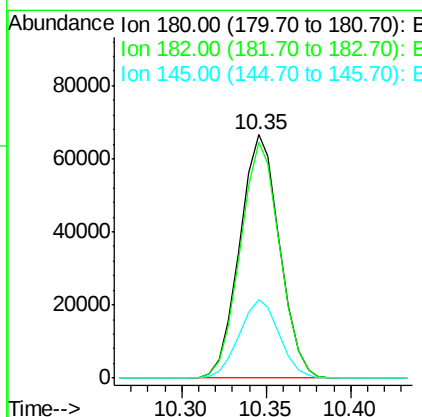
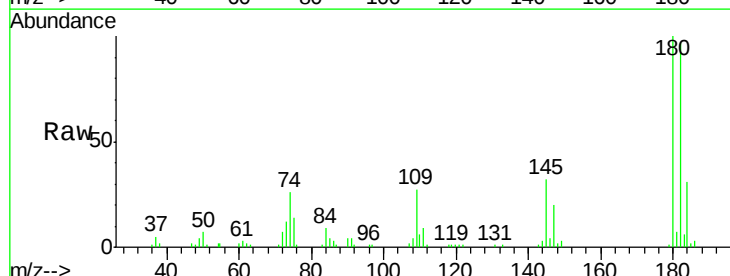
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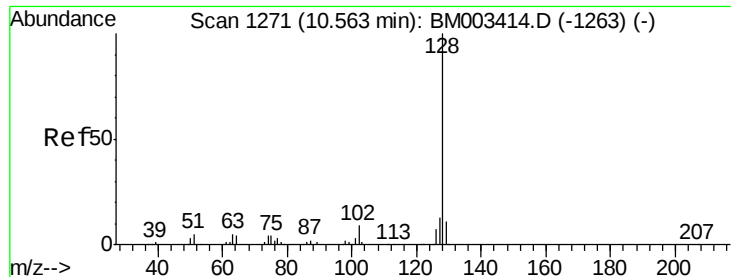
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.01 ng  
RT: 10.35 min Scan# 1234  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 108834 |       |       |
| 182     | 96.7  | 77.6   | 116.4 |       |
| 145     | 32.0  | 23.4   | 35.2  |       |





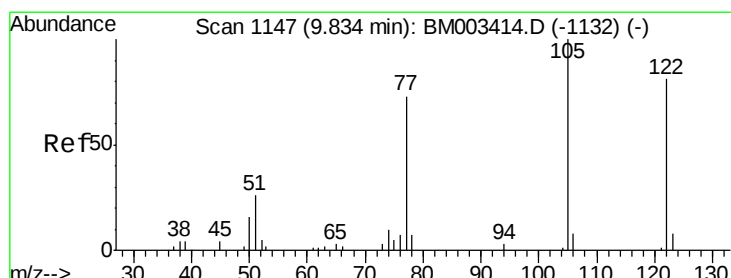
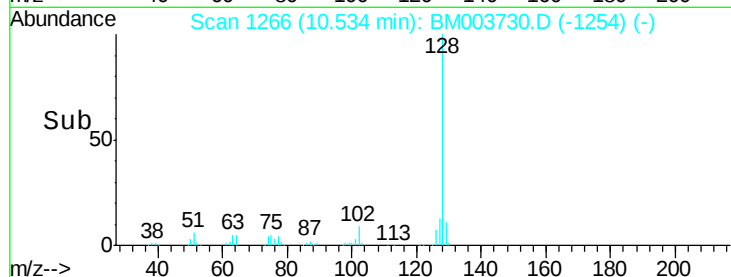
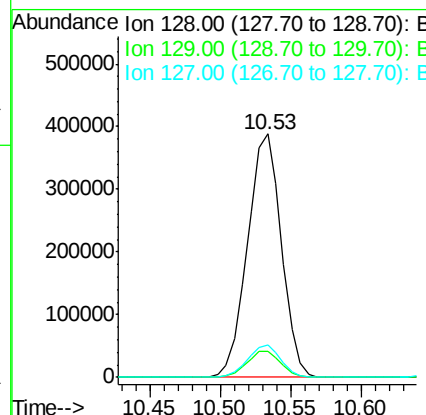
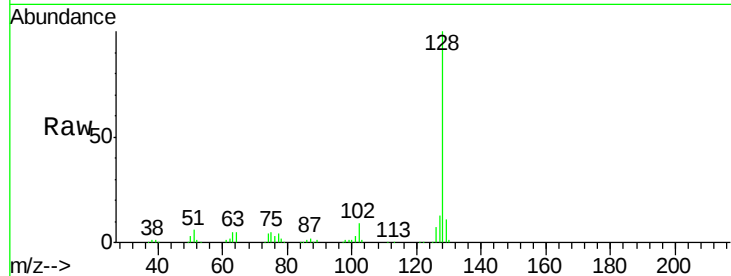
#31  
Naphthalene  
Concen: 86.14 ng  
RT: 10.53 min Scan# 1266  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.9   | 13.3  |
| 127     | 13.3  | 10.4  | 15.6  |

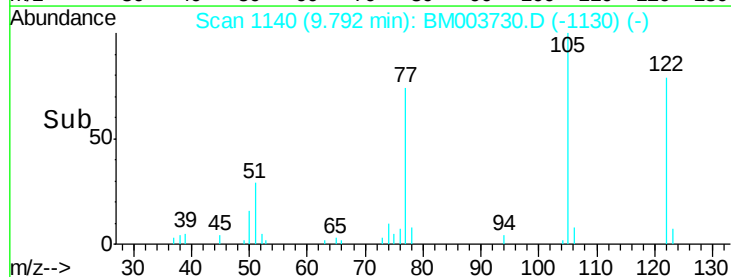
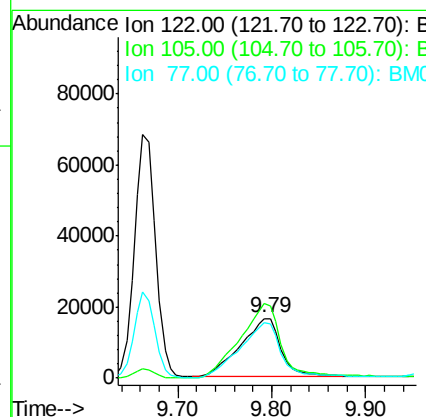
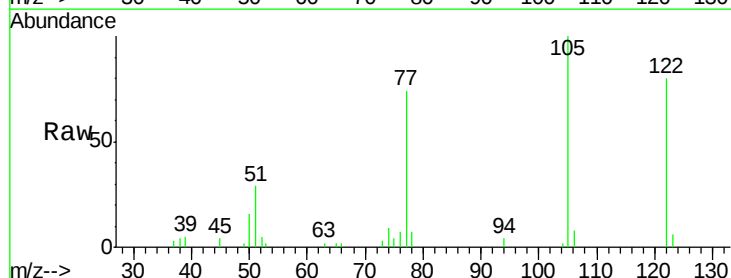
Manual Integrations  
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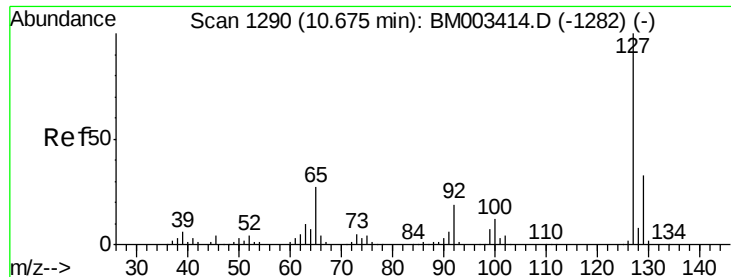
apatel  
12/23/2015 3:47:03 PM



#32  
Benzoic acid  
Concen: 38.14 ng  
RT: 9.79 min Scan# 1140  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 125.5 | 99.9  | 139.9 |
| 77      | 93.3  | 73.7  | 113.7 |





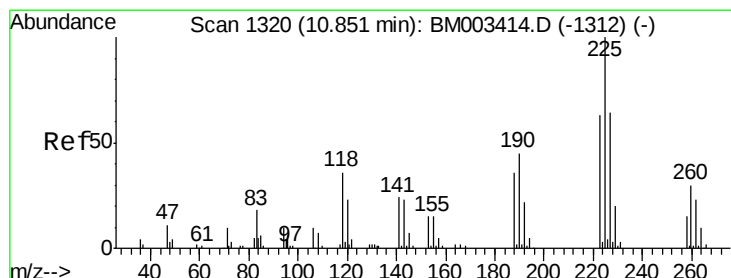
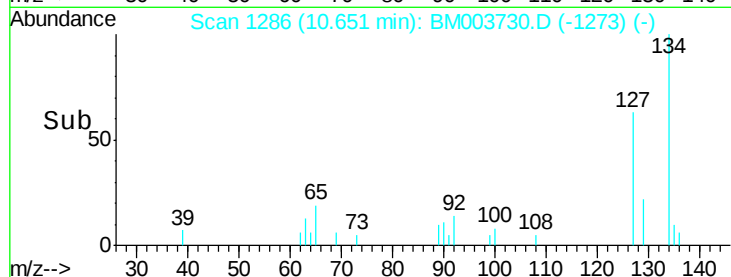
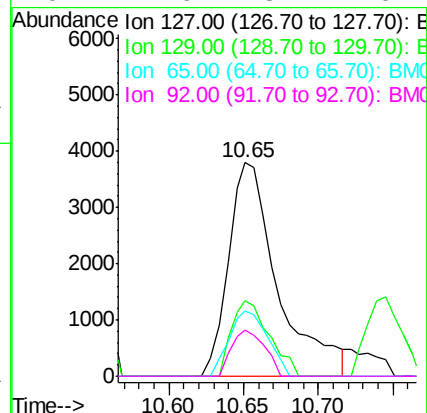
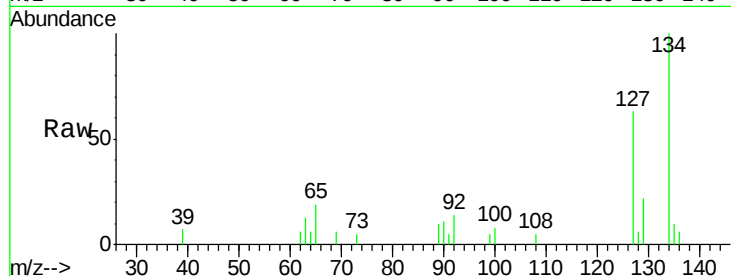
#33  
4-Chloroaniline  
Concen: 2.80 ng  
RT: 10.65 min Scan# 1286  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.5  | 25.3  | 37.9  |
| 65      | 30.6  | 17.6  | 26.4  |
| 92      | 21.6  | 13.1  | 19.7  |

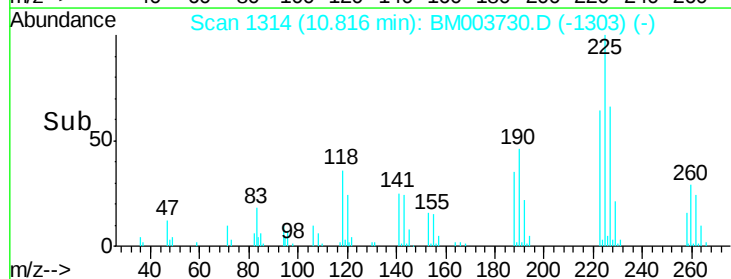
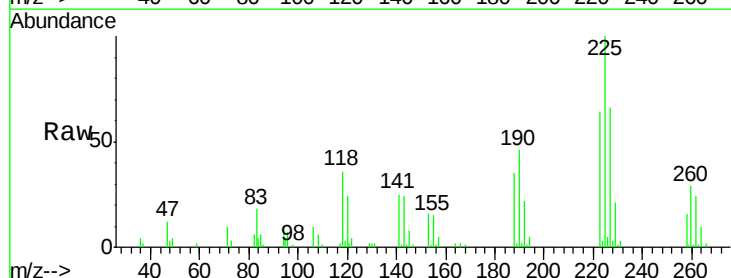
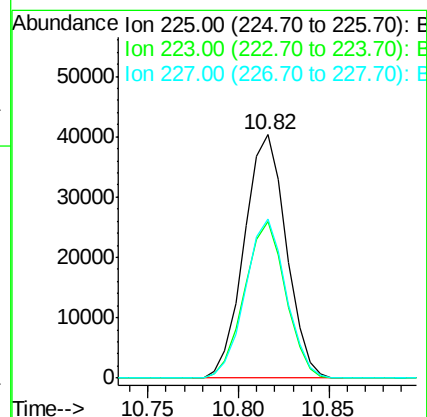
Manual Integrations  
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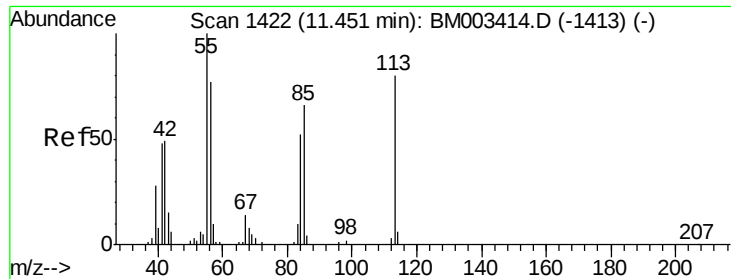
apatel  
12/23/2015 3:47:03 PM



#34  
Hexachlorobutadiene  
Concen: 46.29 ng  
RT: 10.82 min Scan# 1314  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.2  | 47.9  | 71.9  |
| 227     | 65.6  | 50.1  | 75.1  |





#35

Caprolactam

Concen: 39.05 ng

RT: 11.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

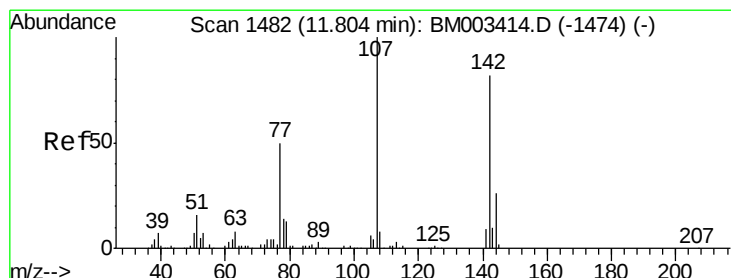
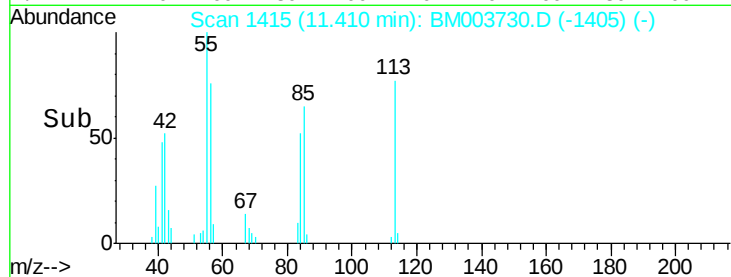
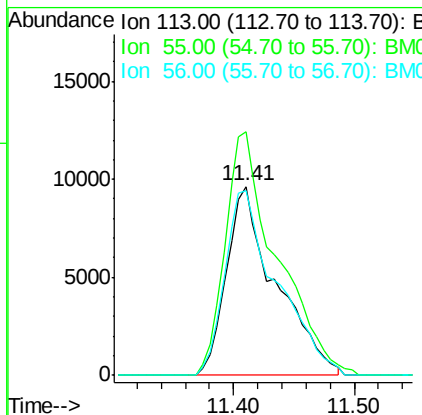
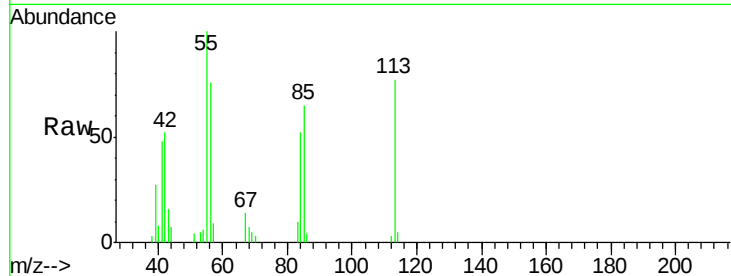
ClientSampleId :

LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 129.0 | 145.9 | 185.9# |
| 56      | 97.8  | 101.0 | 141.0# |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 46.28 ng

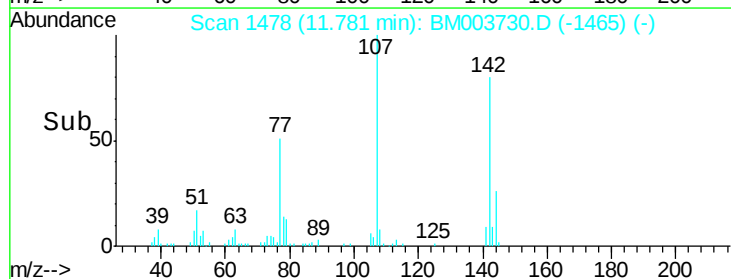
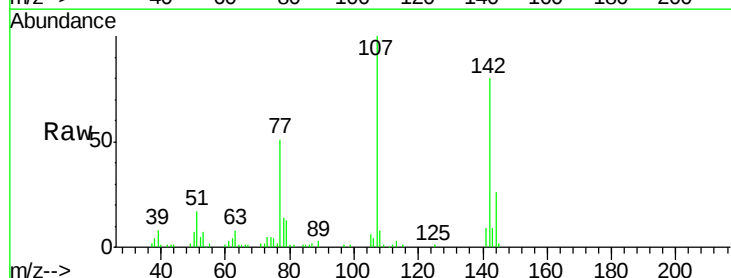
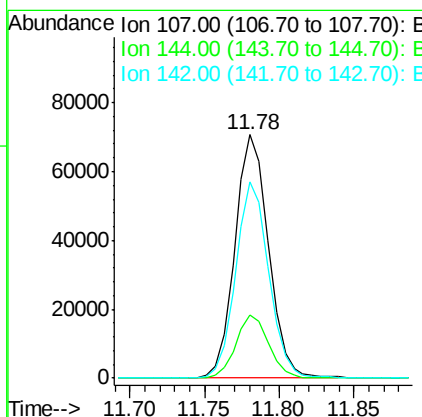
RT: 11.78 min Scan# 1478

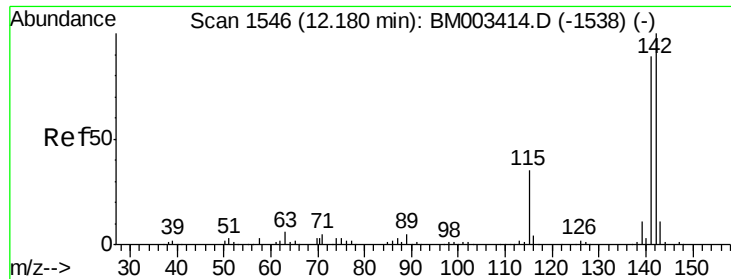
Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.7  | 23.3  | 34.9  |
| 142     | 80.4  | 72.6  | 109.0 |





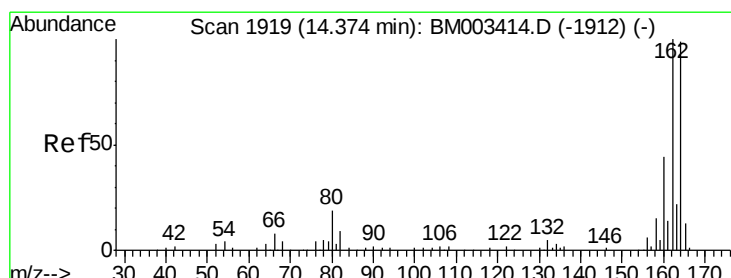
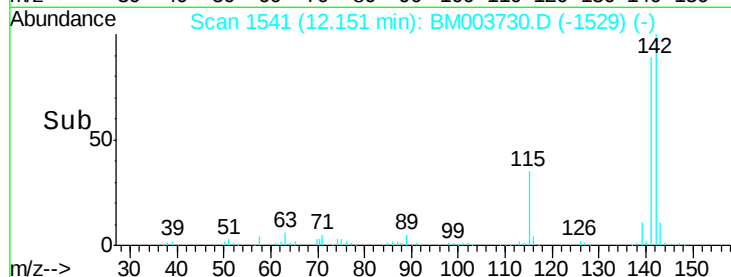
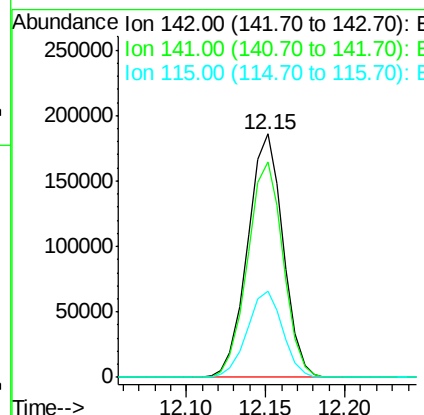
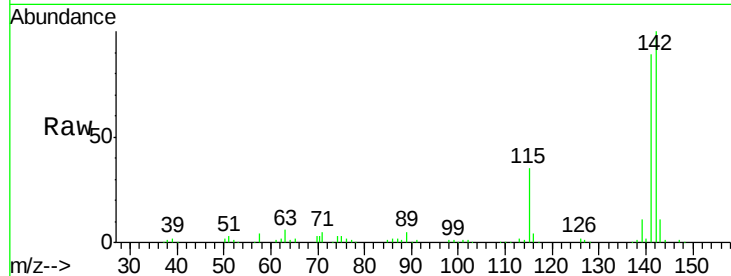
#37  
2-Methylnaphthalene  
Concen: 55.53 ng  
RT: 12.15 min Scan# 1541  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 288632 |       |       |
| 141     | 88.5  | 71.9   | 107.9 |       |
| 115     | 35.3  | 25.4   | 38.0  |       |

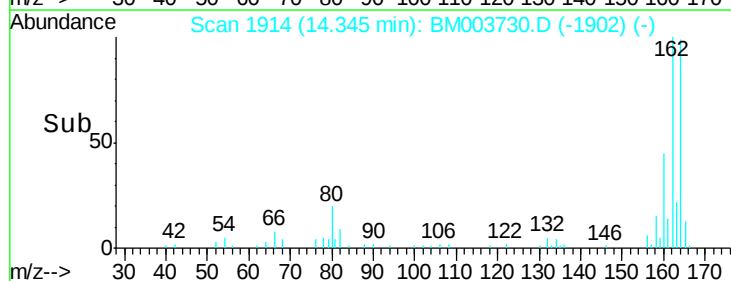
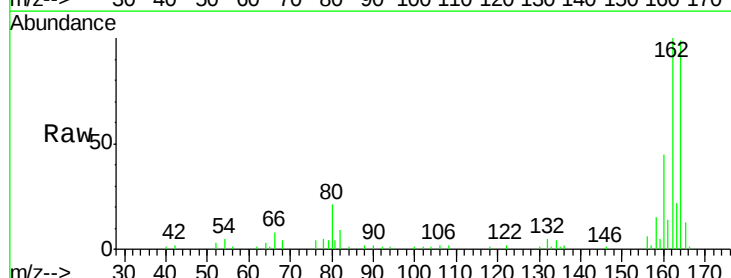
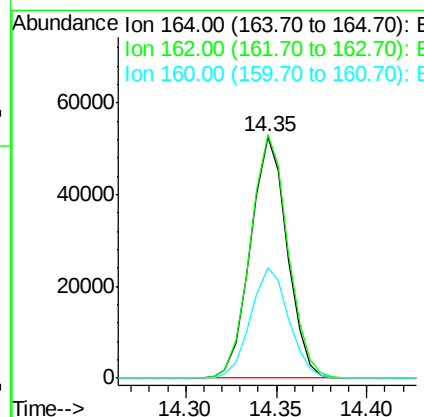
Manual Integrations  
APPROVED

apatel  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.35 min Scan# 1914  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 73973 |       |       |
| 162     | 100.9 | 82.4  | 123.6 |       |
| 160     | 45.8  | 35.8  | 53.6  |       |





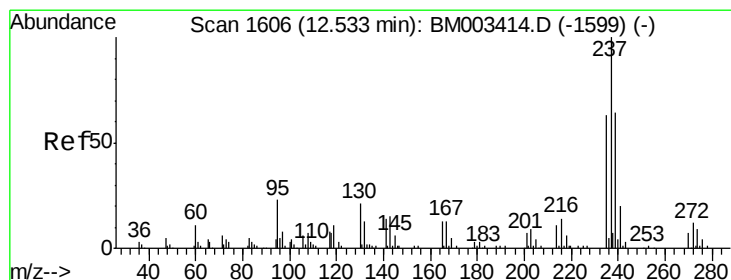
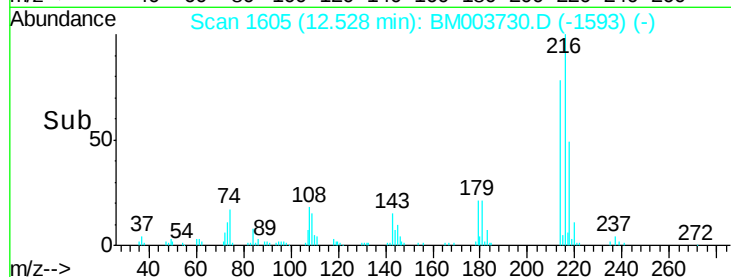
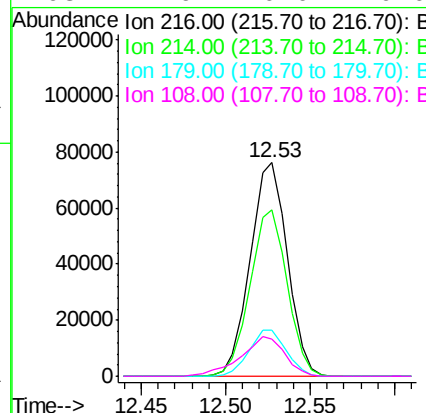
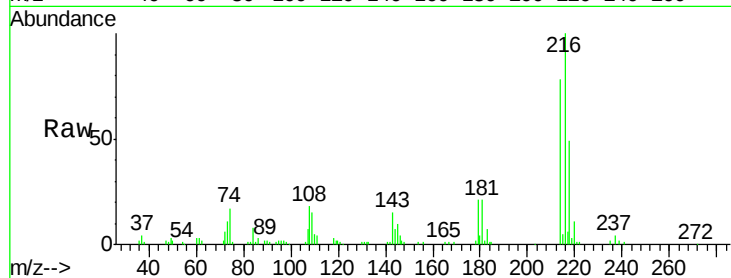
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 49.22 ng  
 RT: 12.53 min Scan# 1605  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 117052 |       |       |
| 214     | 77.8  | 0.0    | 0.0#  |       |
| 179     | 21.7  | 0.0    | 0.0#  |       |
| 108     | 21.9  | 0.0    | 0.0#  |       |

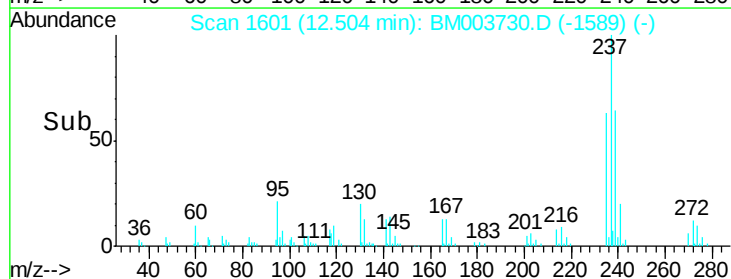
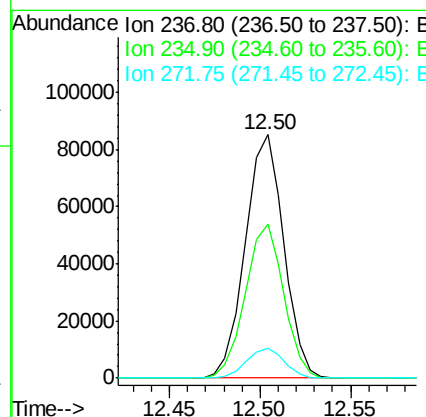
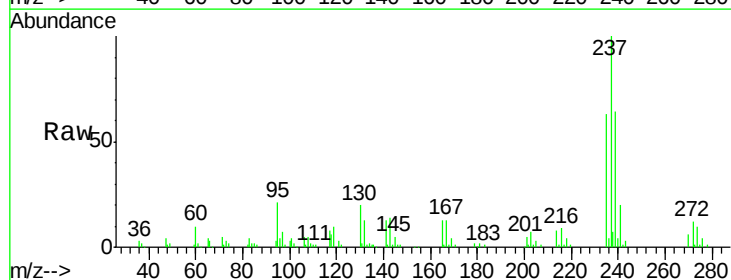
Manual Integrations  
 APPROVED

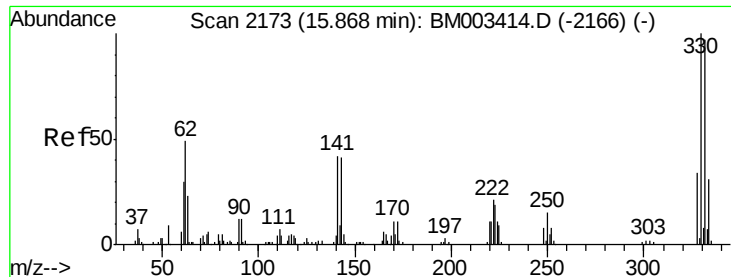
apatel  
 12/23/2015 3:47:03 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 94.95 ng  
 RT: 12.50 min Scan# 1601  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 125949 |       |       |
| 235     | 63.0  | 42.0   | 82.0  |       |
| 272     | 12.3  | 0.0    | 33.4  |       |





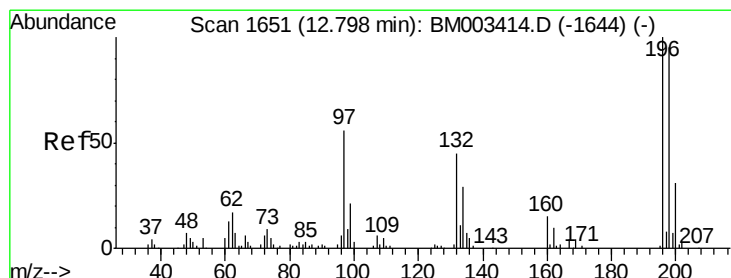
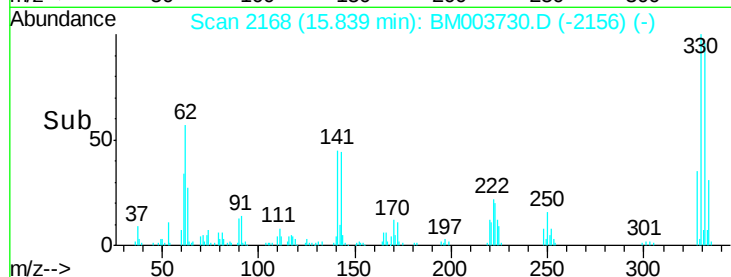
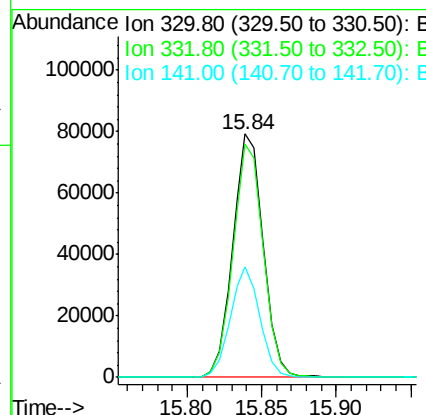
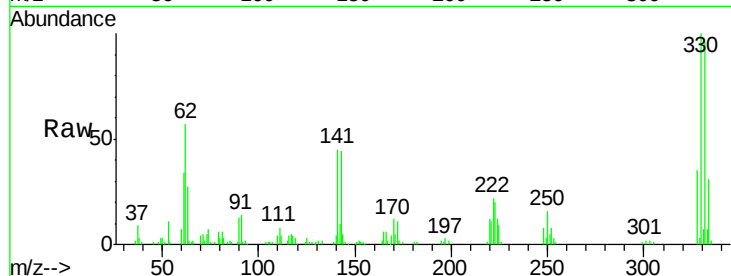
#41  
 2,4,6-Tribromophenol  
 Concen: 153.06 ng  
 RT: 15.84 min Scan# 2168  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.5  | 0.0  | 0.0   | 0.0   |
| 141     | 43.9  | 0.0  | 0.0   | 0.0   |

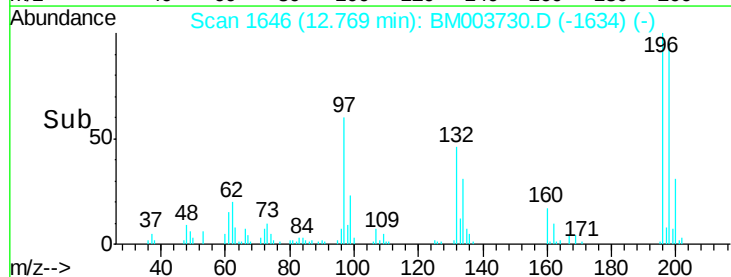
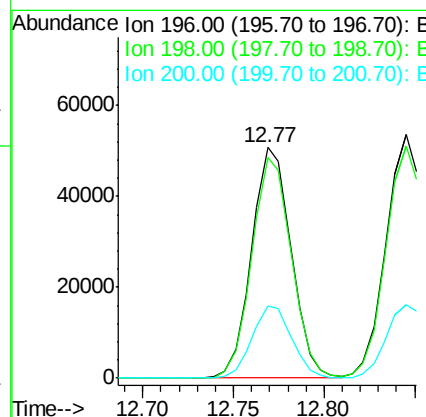
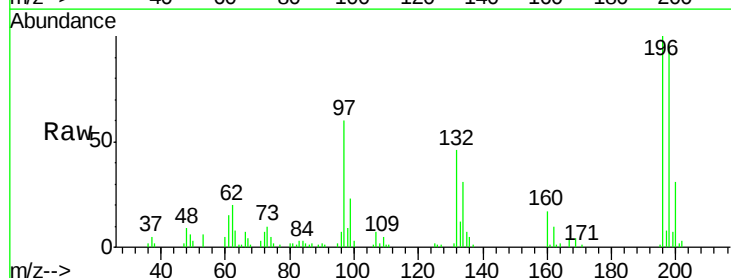
Manual Integrations  
 APPROVED

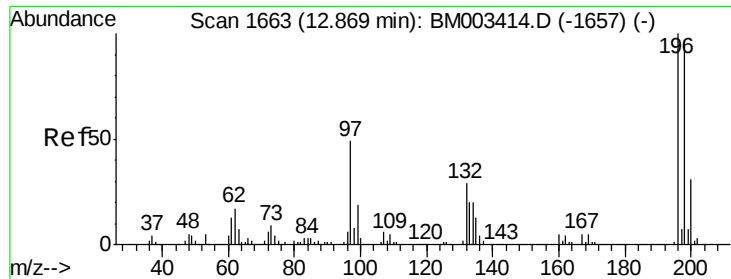
apatel  
 12/23/2015 3:47:03 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 49.61 ng  
 RT: 12.77 min Scan# 1646  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 95.9  | 76.3 | 114.5 |       |
| 200     | 31.2  | 25.6 | 38.4  |       |





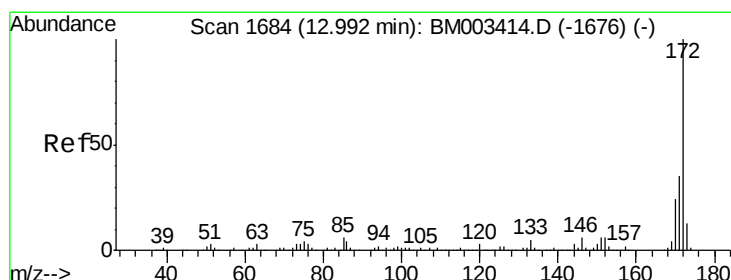
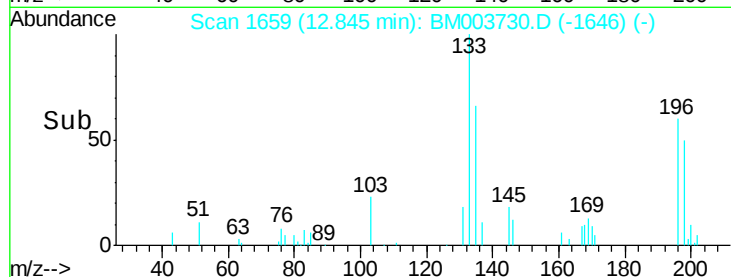
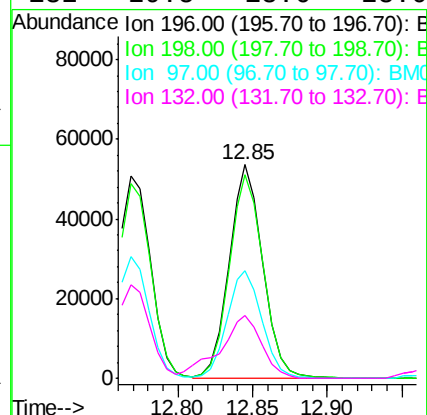
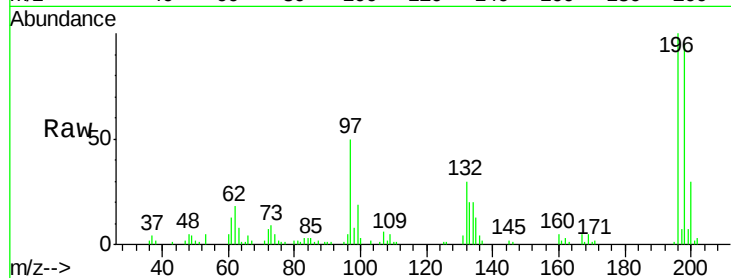
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.64 ng  
 RT: 12.85 min Scan# 1659  
 Delta R.T. -0.02 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 196     | 100  |       | 84176 |       |       |
| 198     | 95.3 | 79.4  | 119.0 |       |       |
| 97      | 50.4 | 26.8  | 40.2  |       |       |
| 132     | 29.5 | 18.6  | 28.0  |       |       |

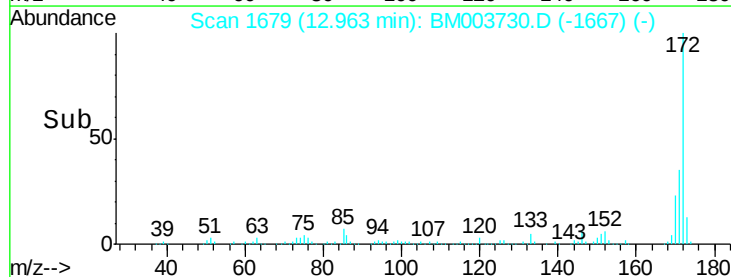
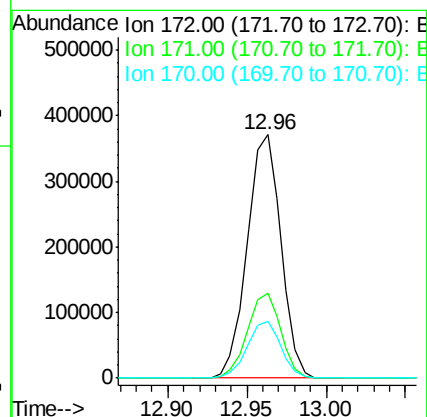
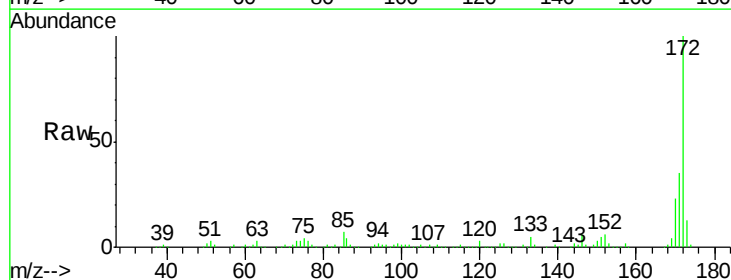
Manual Integrations  
 APPROVED

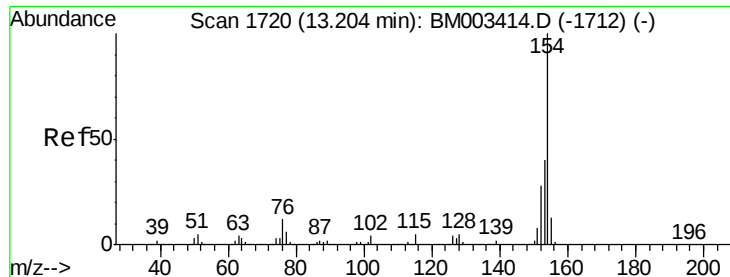
apatel  
 12/23/2015 3:47:03 PM



#44  
 2-Fluorobiphenyl  
 Concen: 100.92 ng  
 RT: 12.96 min Scan# 1679  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 547929 |       |       |
| 171     | 34.7 | 28.5  | 42.7   |       |       |
| 170     | 23.2 | 18.8  | 28.2   |       |       |





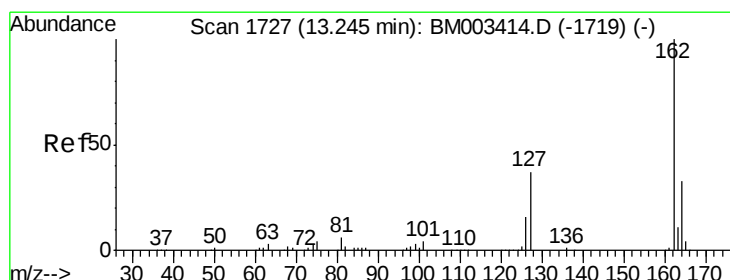
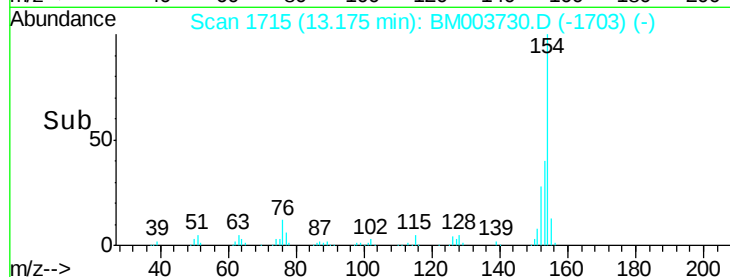
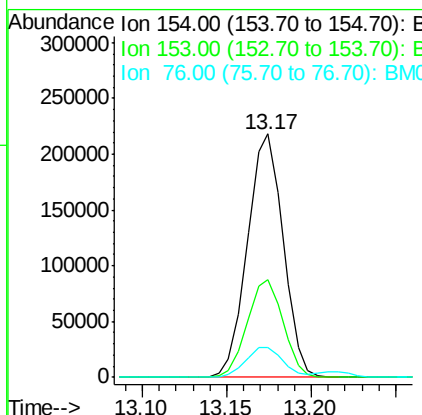
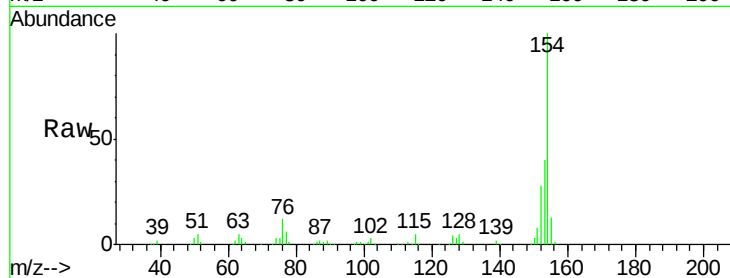
#45  
 1,1'-Biphenyl  
 Concen: 49.08 ng  
 RT: 13.17 min Scan# 1715  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.3  | 20.7  | 60.7  |
| 76      | 12.5  | 0.0   | 30.9  |

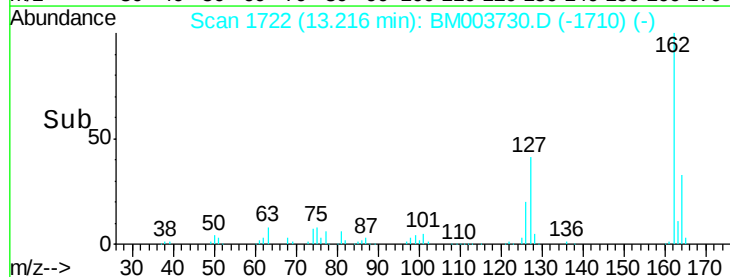
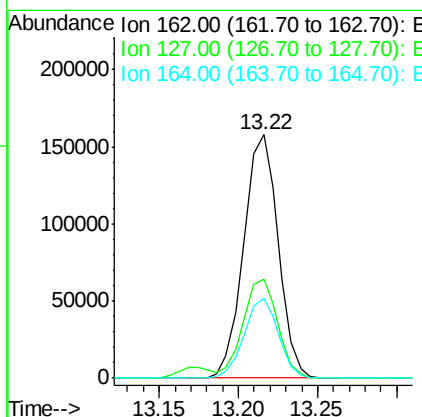
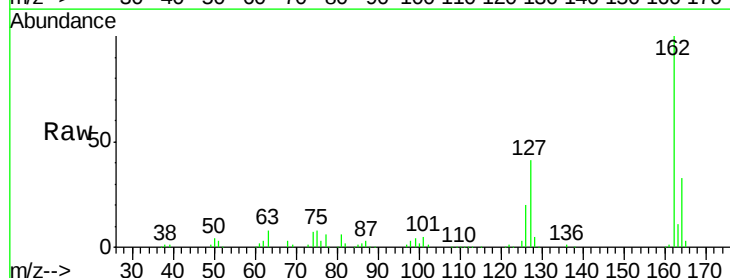
Manual Integrations  
 APPROVED

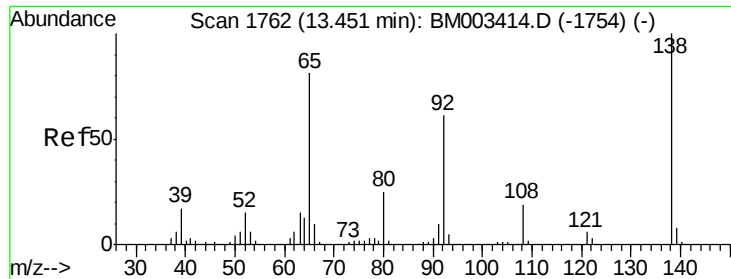
apatel  
 12/23/2015 3:47:03 PM



#46  
 2-Chloronaphthalene  
 Concen: 49.54 ng  
 RT: 13.22 min Scan# 1722  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.8  | 26.9  | 40.3# |
| 164     | 32.7  | 26.8  | 40.2  |





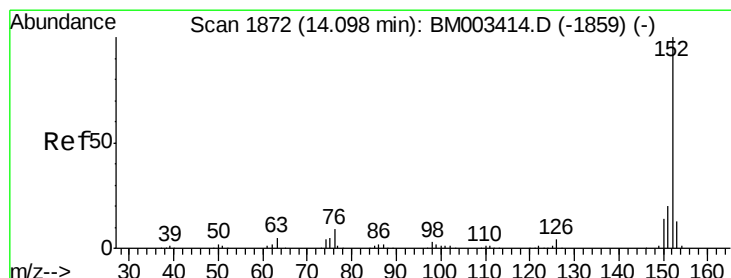
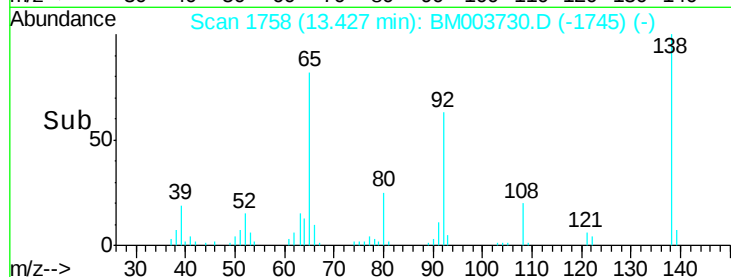
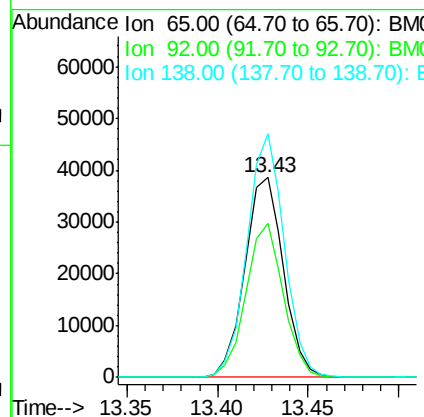
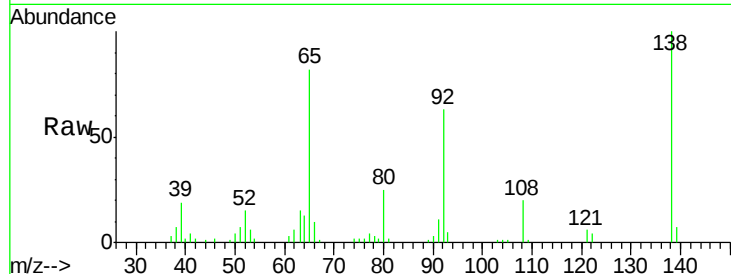
#47  
2-Nitroaniline  
Concen: 47.68 ng  
RT: 13.43 min Scan# 1758  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 77.2  | 59.1  | 88.7  |
| 138     | 121.7 | 93.9  | 140.9 |

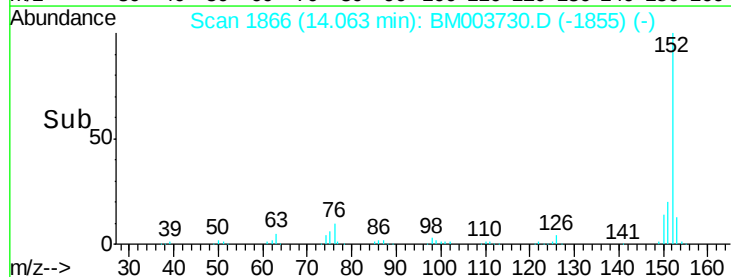
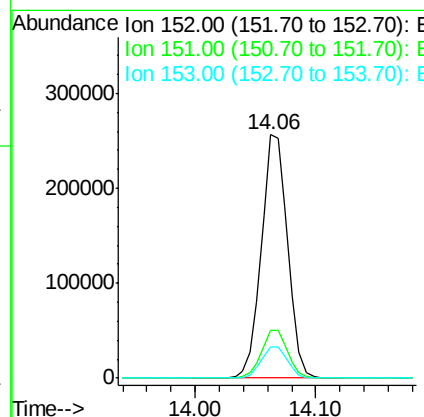
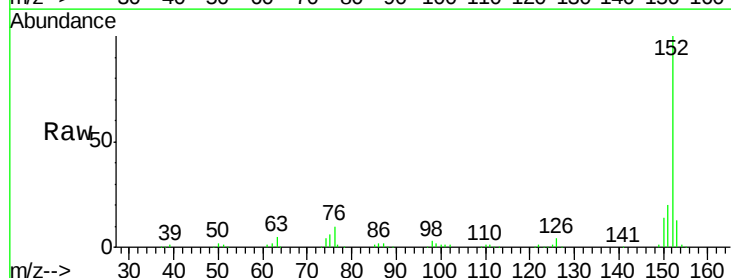
Manual Integrations  
APPROVED

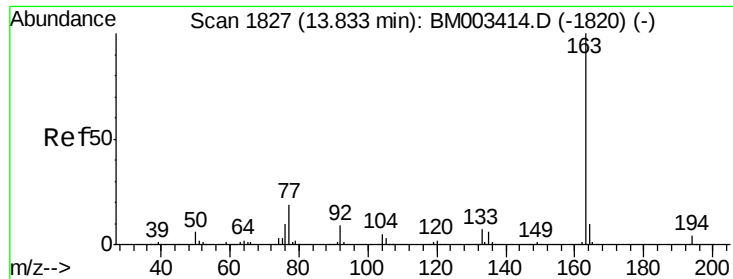
apatel  
12/23/2015 3:47:03 PM



#48  
Acenaphthylene  
Concen: 48.50 ng  
RT: 14.06 min Scan# 1866  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 15.9  | 23.9  |
| 153     | 13.0  | 10.6  | 16.0  |





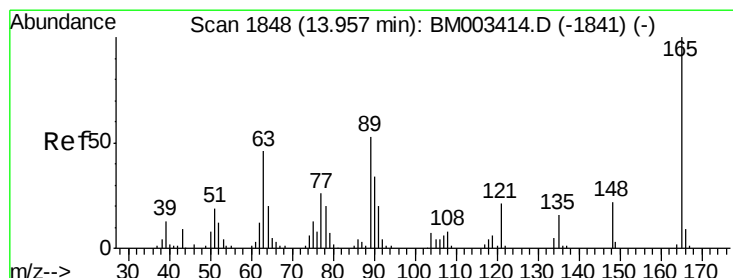
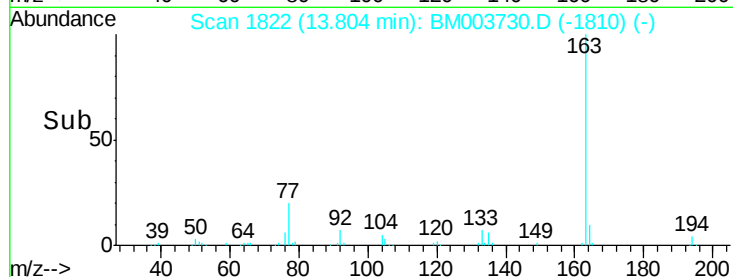
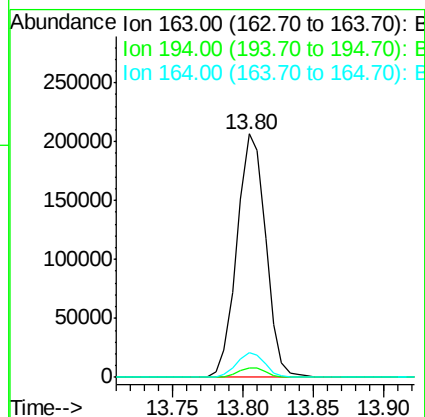
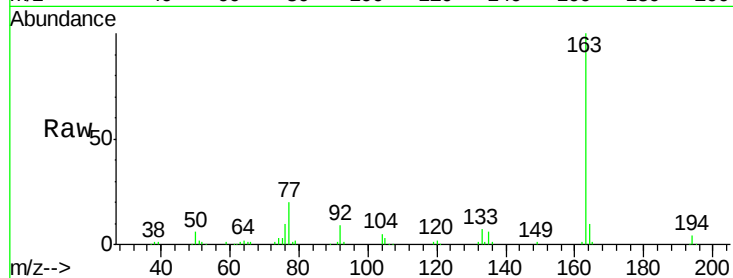
#49  
Dimethylphthalate  
Concen: 48.24 ng  
RT: 13.80 min Scan# 1822  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 294091 |       |       |
| 194     | 3.9   | 2.7    | 4.1   |       |
| 164     | 10.0  | 8.2    | 12.2  |       |

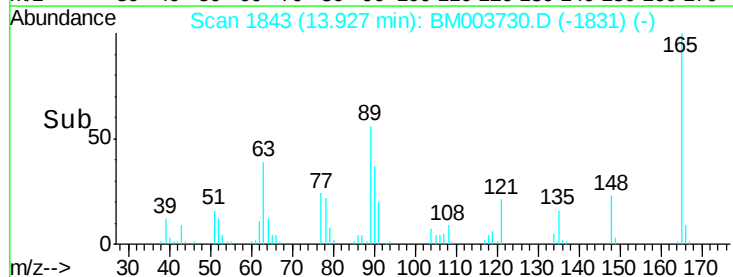
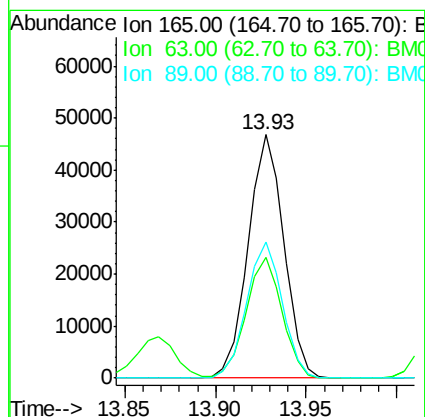
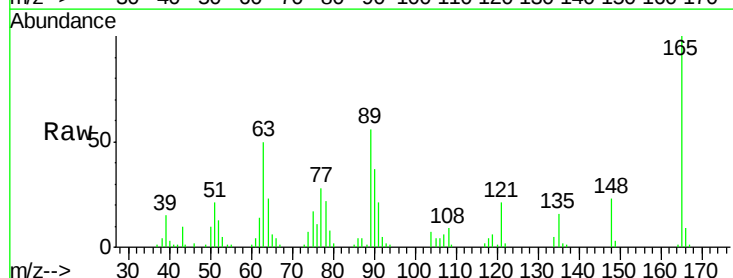
Manual Integrations  
APPROVED

apatel  
12/23/2015 3:47:03 PM



#50  
2,6-Dinitrotoluene  
Concen: 50.38 ng  
RT: 13.93 min Scan# 1843  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 64075 |       |       |
| 63      | 49.5  | 44.1  | 66.1  |       |
| 89      | 55.9  | 44.3  | 66.5  |       |





#51

Acenaphthene

Concen: 57.13 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

ClientSampleId :

LTCWC-01MS

Tot Ion:154 Resp: 265928

Ion Ratio Lower Upper

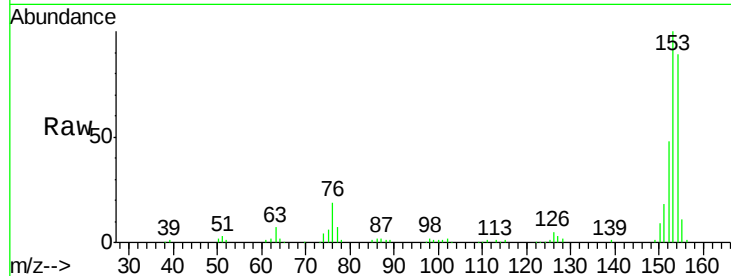
154 100

153 112.1 90.0 135.0

152 53.7 42.6 63.8

Manual Integrations  
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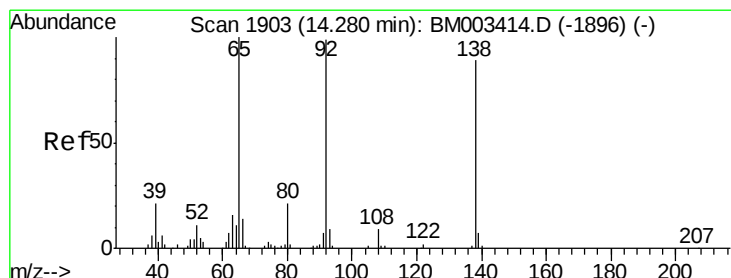
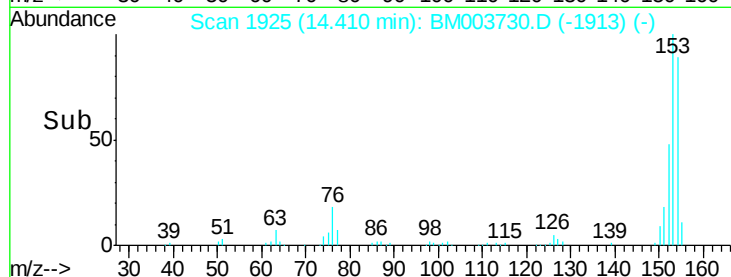
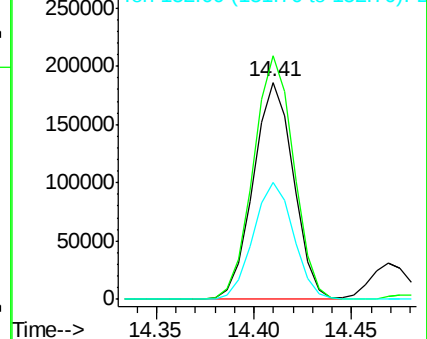
apatel  
12/23/2015 3:47:03 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.58 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

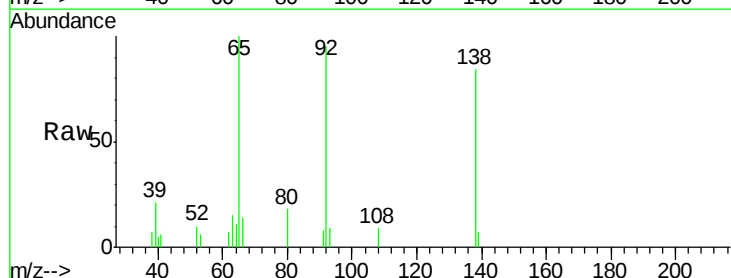
Tgt Ion:138 Resp: 8558

Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

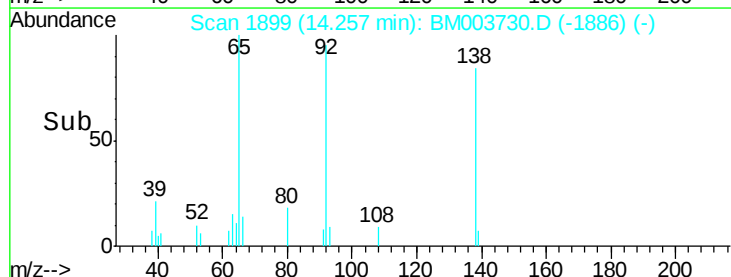
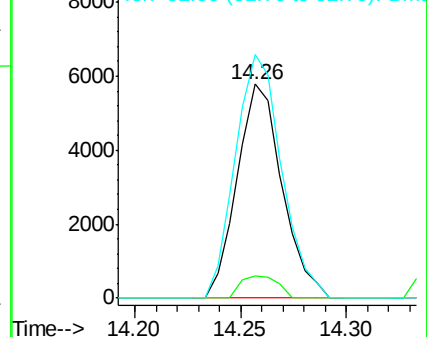
92 113.9 76.6 114.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





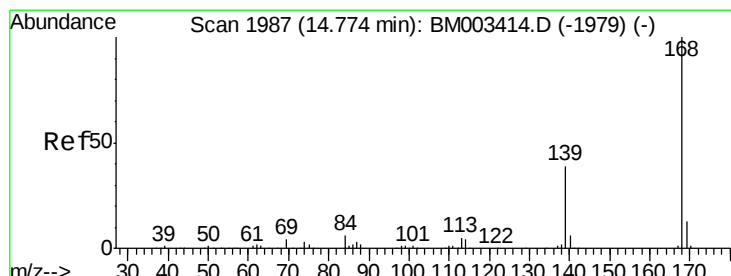
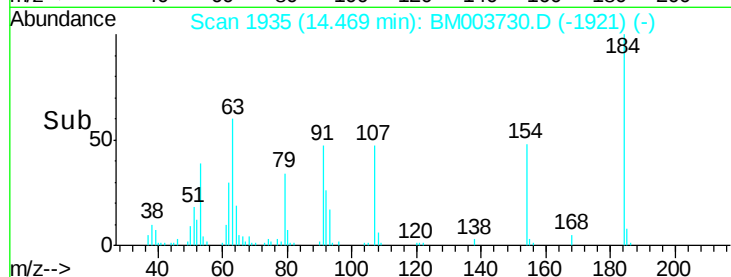
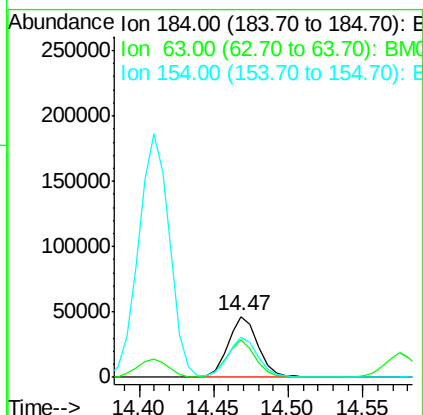
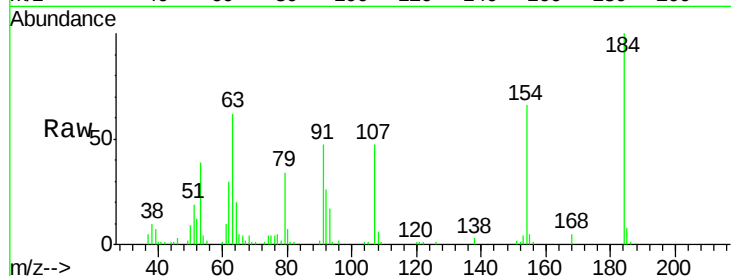
#53  
2,4-Dinitrophenol  
Concen: 90.37 ng  
RT: 14.47 min Scan# 1935  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 61.9  | 69.2  | 103.8# |
| 154     | 65.8  | 53.3  | 79.9   |

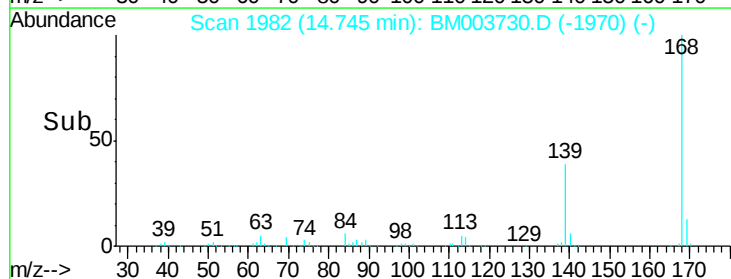
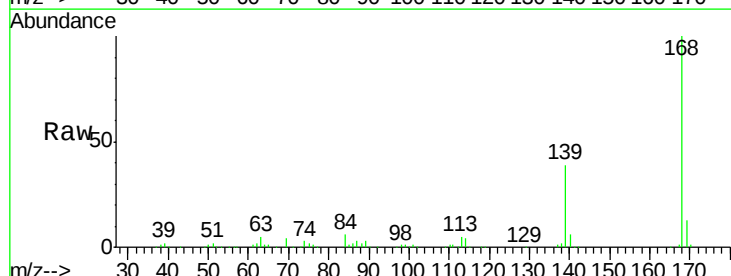
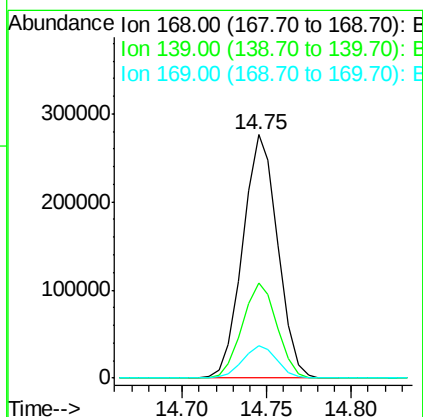
Manual Integrations  
APPROVED

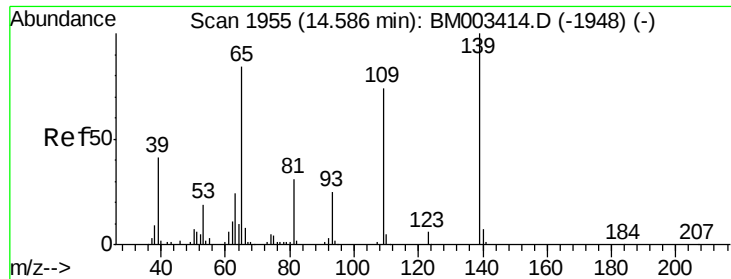
apatel  
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#54  
Dibenzofuran  
Concen: 59.04 ng  
RT: 14.75 min Scan# 1982  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.3  | 27.3  | 40.9  |
| 169     | 13.1  | 10.6  | 16.0  |





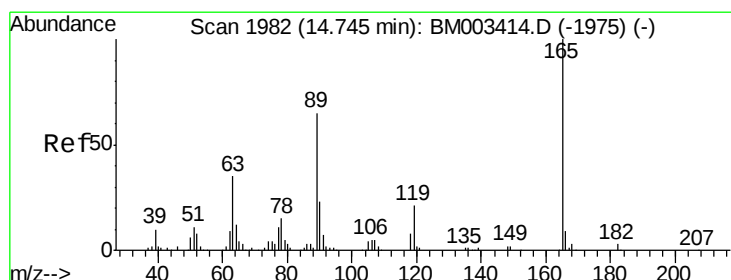
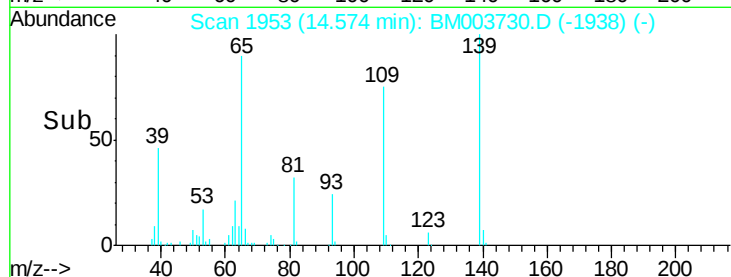
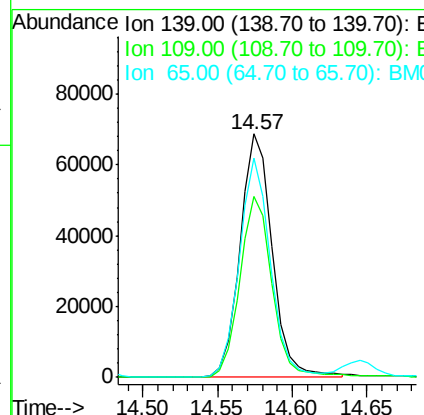
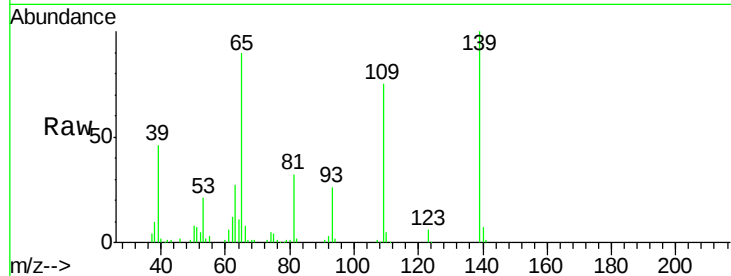
#55  
4-Nitrophenol  
Concen: 95.79 ng  
RT: 14.57 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 102962 |       |       |
| 109     | 74.5  | 37.7   | 77.7  |       |
| 65      | 90.3  | 49.9   | 89.9  |       |

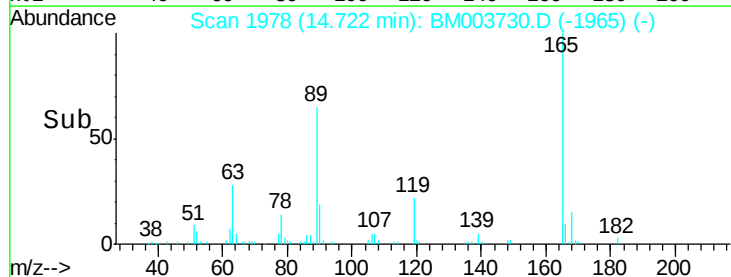
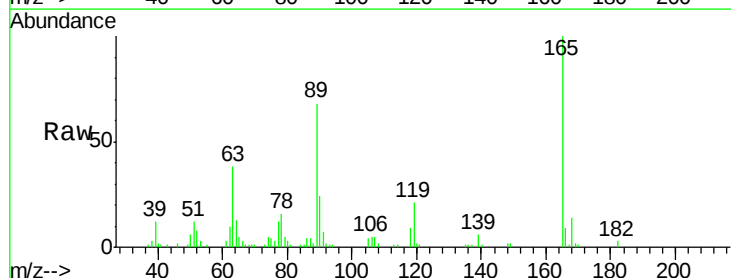
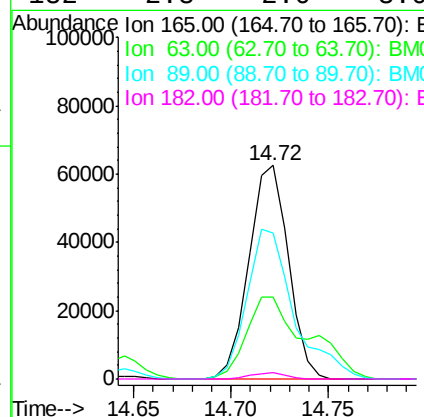
Manual Integrations  
APPROVED

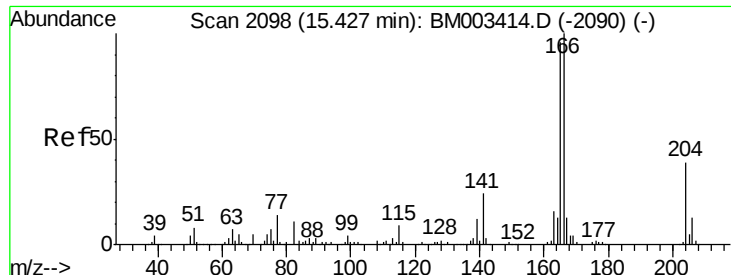
apatel  
12/23/2015 3:47:03 PM



#56  
2,4-Dinitrotoluene  
Concen: 53.26 ng  
RT: 14.72 min Scan# 1978  
Delta R.T. -0.02 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 87883 |       |       |
| 63      | 38.1  | 52.4  | 78.6  |       |
| 89      | 68.4  | 72.4  | 108.6 |       |
| 182     | 2.8   | 2.0   | 3.0   |       |





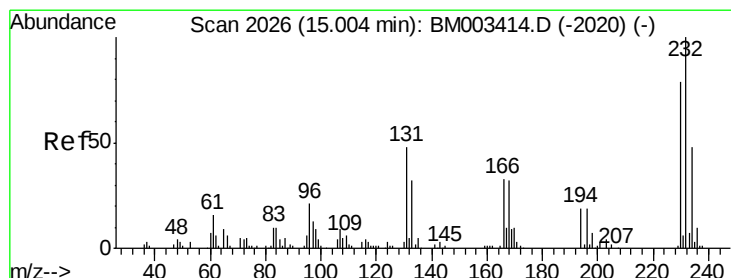
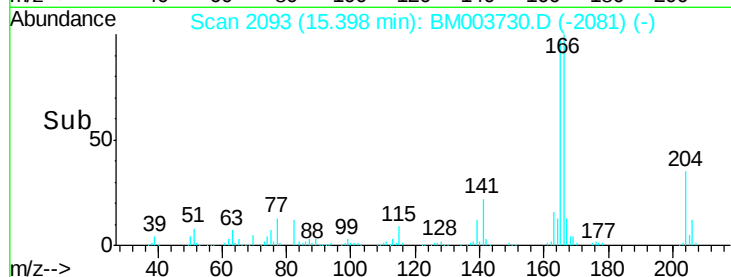
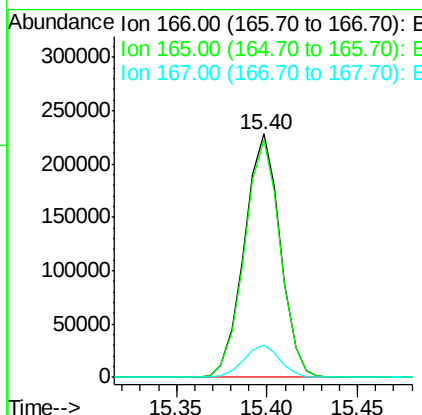
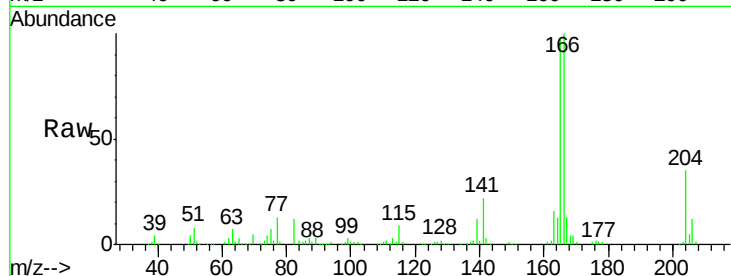
#57  
**Fluorene**  
 Concen: 56.22 ng  
 RT: 15.40 min Scan# 2093  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 313328 |       |       |
| 165     | 97.3  | 79.0   | 118.4 |       |
| 167     | 13.2  | 10.3   | 15.5  |       |

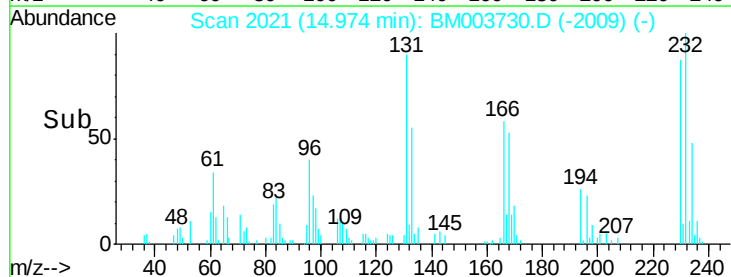
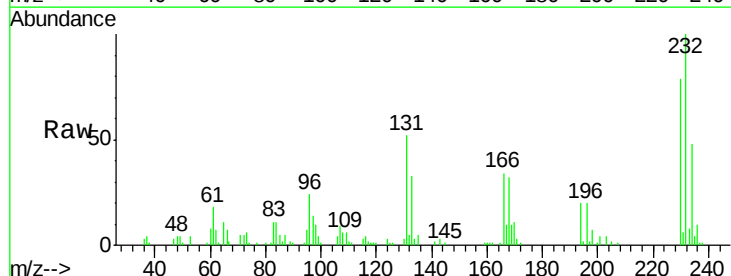
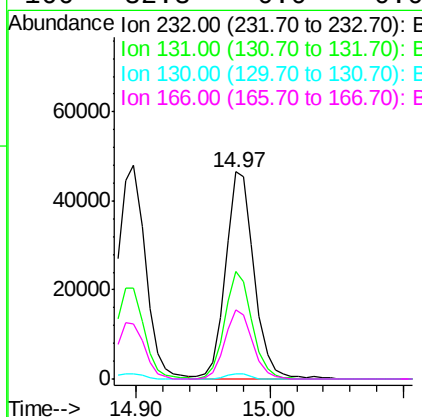
Manual Integrations  
 APPROVED

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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 55.86 ng  
 RT: 14.97 min Scan# 2021  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 69992 |       |       |
| 131     | 49.5  | 0.0   | 0.0#  |       |
| 130     | 2.2   | 0.0   | 0.0#  |       |
| 166     | 32.3  | 0.0   | 0.0#  |       |





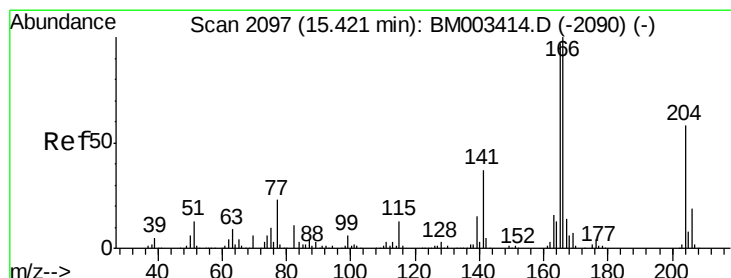
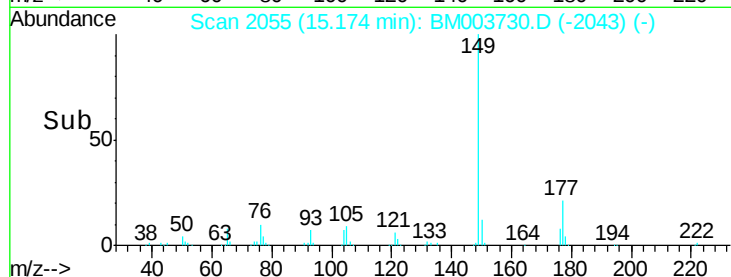
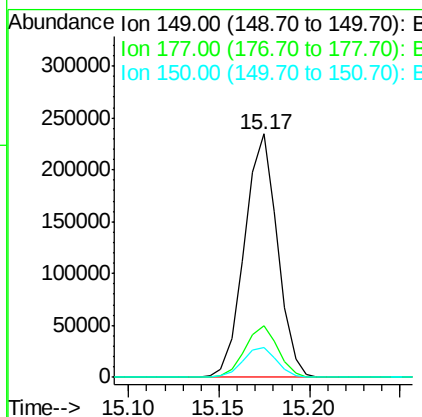
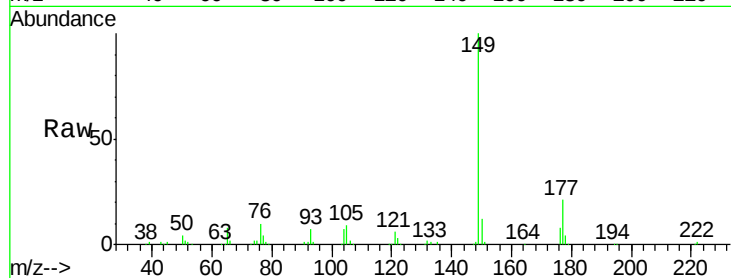
#59  
Diethylphthalate  
Concen: 49.42 ng  
RT: 15.17 min Scan# 2055  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 295801 |       |       |
| 177     | 21.4  | 18.3   | 27.5  |       |
| 150     | 12.3  | 9.8    | 14.8  |       |

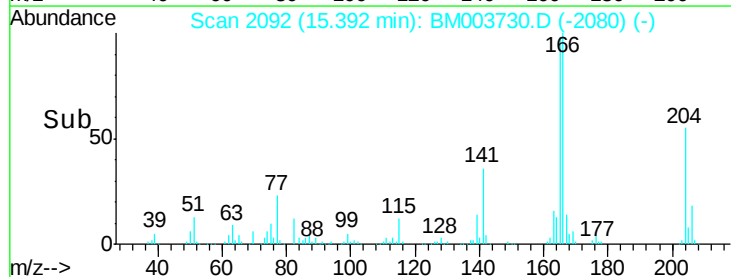
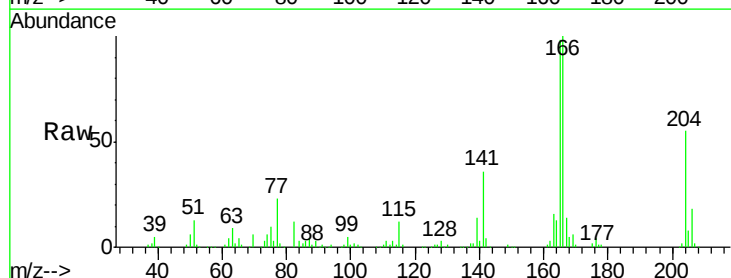
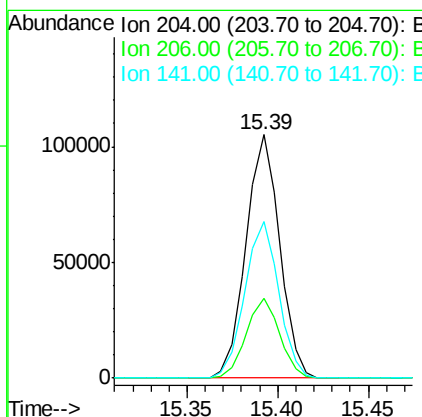
Manual Integrations  
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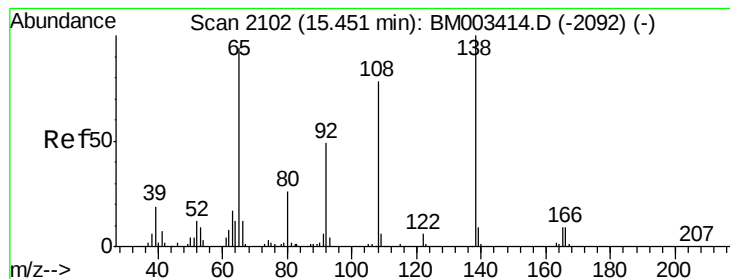
apatel  
12/23/2015 3:47:03 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.26 ng  
RT: 15.39 min Scan# 2092  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 136011 |       |       |
| 206     | 32.9  | 26.6   | 39.8  |       |
| 141     | 64.3  | 45.2   | 67.8  |       |





#61

4-Nitroaniline

Concen: 31.77 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

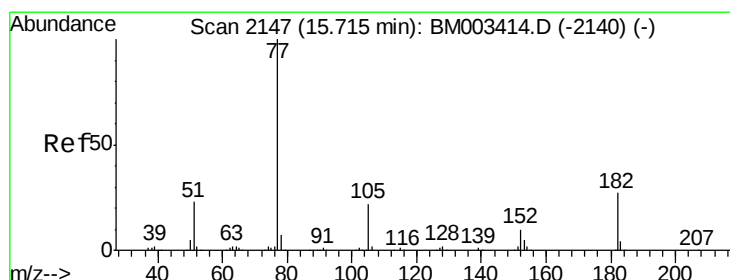
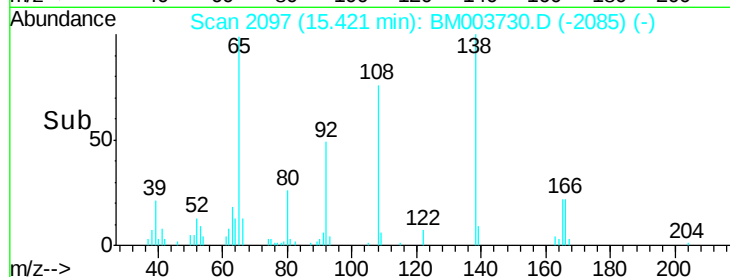
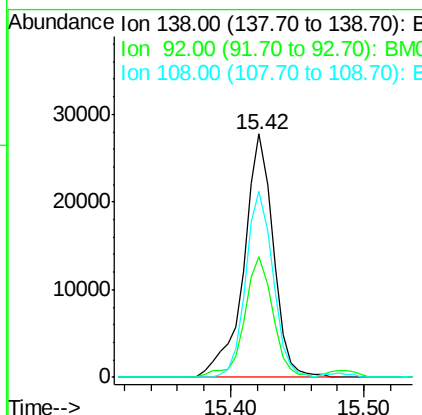
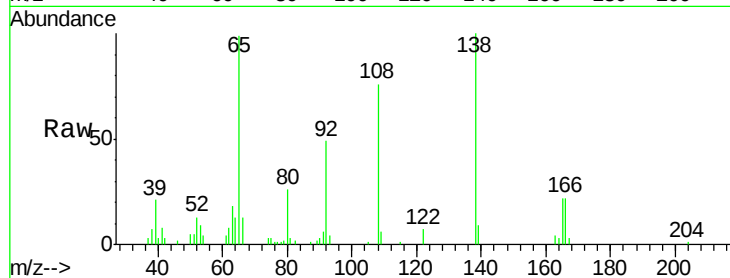
ClientSampleId :

LTCWC-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 138   | Resp: | 42226 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 49.4  | 16.7  | 56.7  |
| 108       | 76.1  | 37.6  | 77.6  |

Manual Integrations  
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apatel  
12/23/2015 3:47:03 PM



#62

Azobenzene

Concen: 55.72 ng

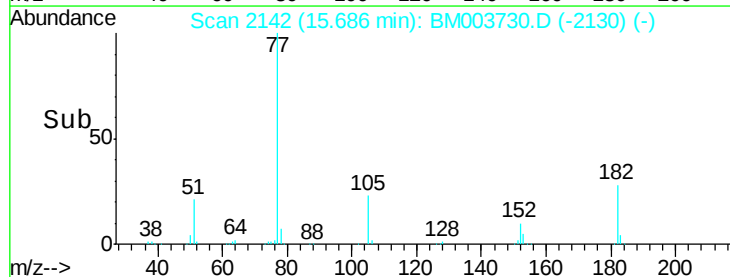
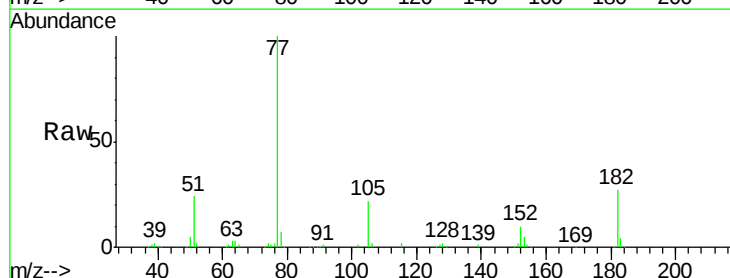
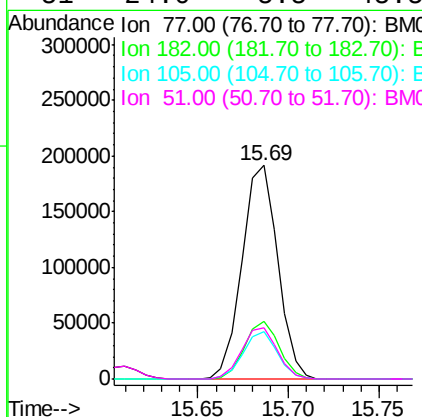
RT: 15.69 min Scan# 2142

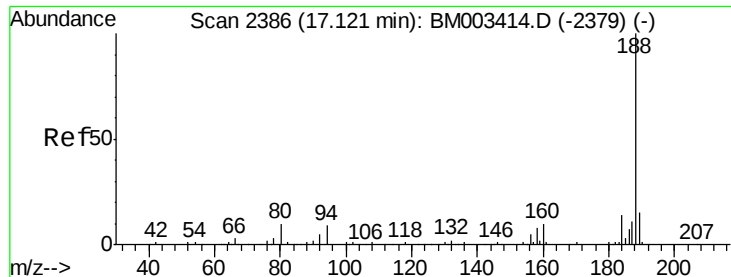
Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 261436 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 26.9  | 6.5   | 46.5   |
| 105       | 21.9  | 3.8   | 43.8   |
| 51        | 24.0  | 5.5   | 45.5   |





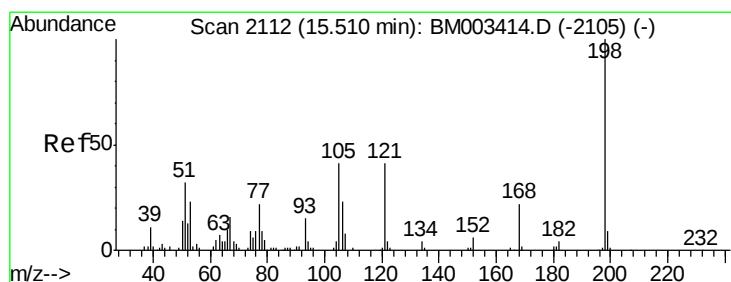
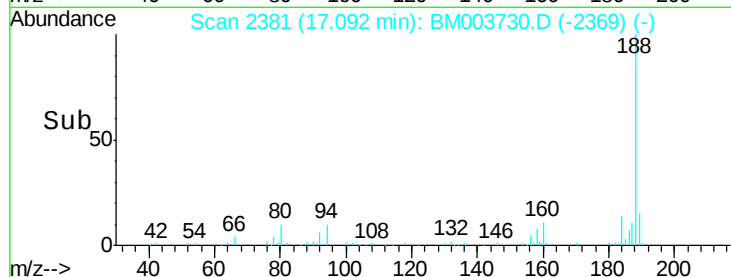
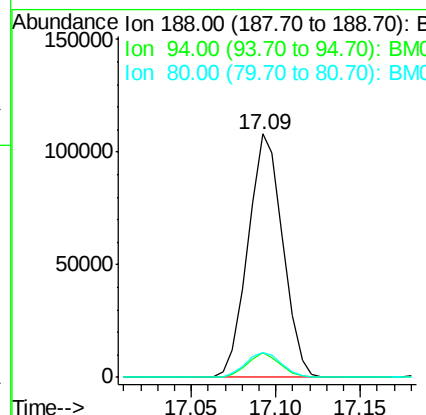
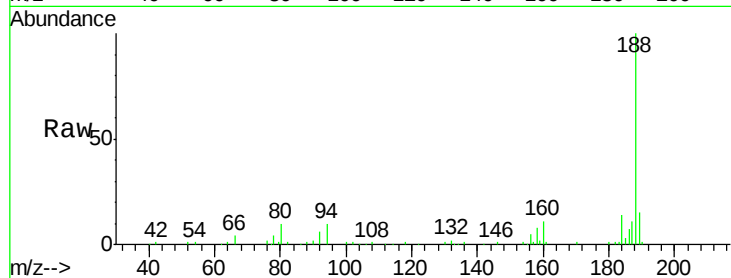
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.09 min Scan# 2381  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 10.0  | 8.7        | 13.1  |
| 80      | 10.4  | 9.3        | 13.9  |

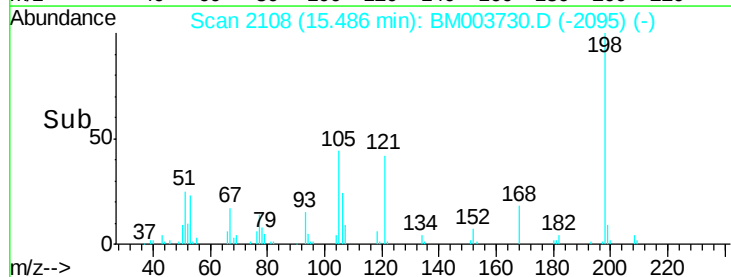
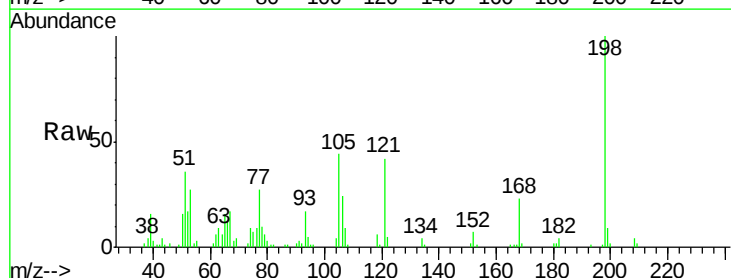
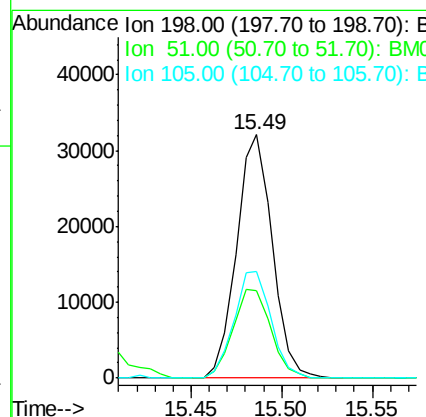
Manual Integrations  
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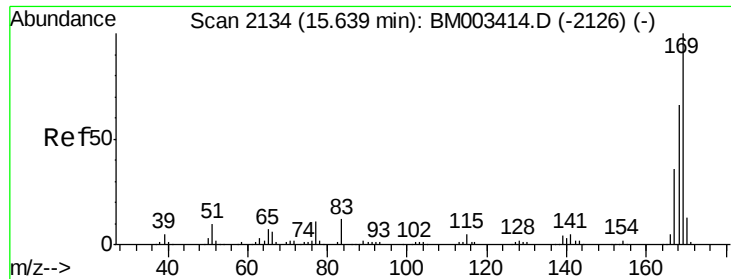
apatel  
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 47.01 ng  
 RT: 15.49 min Scan# 2108  
 Delta R.T. -0.02 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 36.1  | 28.8       | 68.8  |
| 105     | 43.8  | 30.5       | 70.5  |





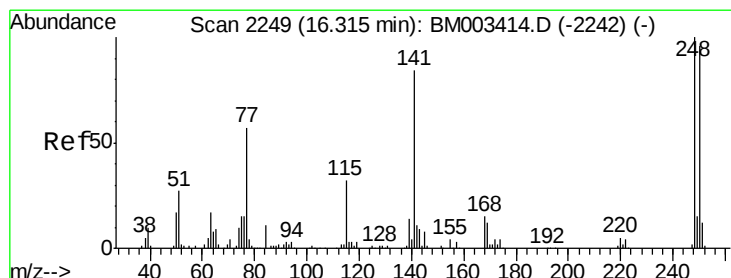
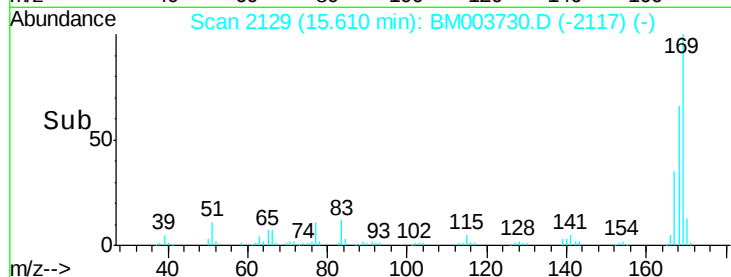
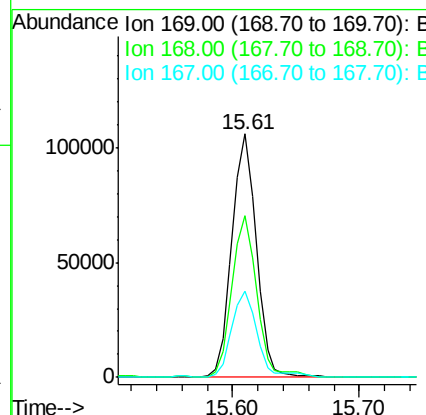
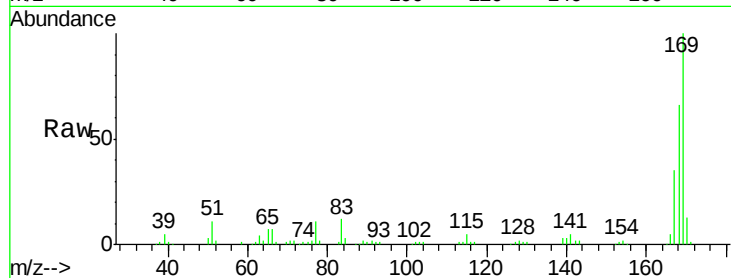
#65  
 n-Nitrosodiphenylamine  
 Concen: 29.02 ng  
 RT: 15.61 min Scan# 2129  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 169     | 100  |       |      |       |       |
| 168     | 66.4 | 53.9  | 80.9 |       |       |
| 167     | 35.4 | 28.9  | 43.3 |       |       |

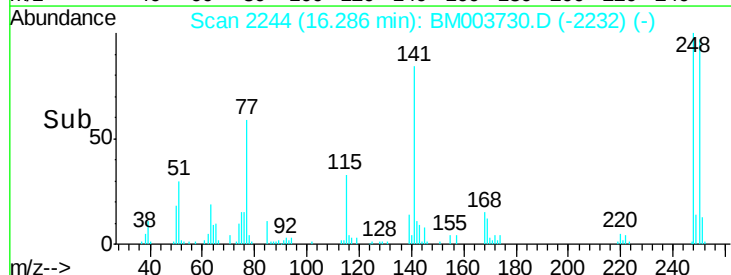
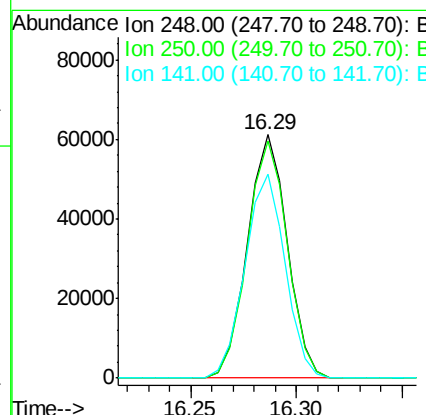
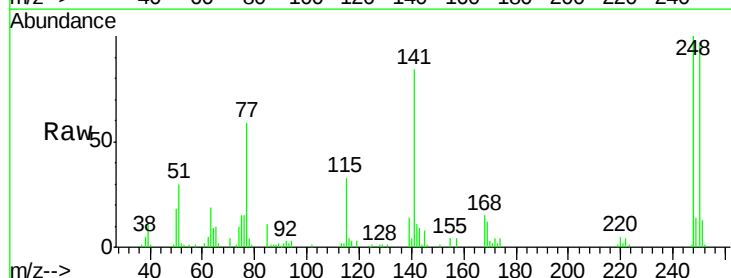
Manual Integrations  
 APPROVED

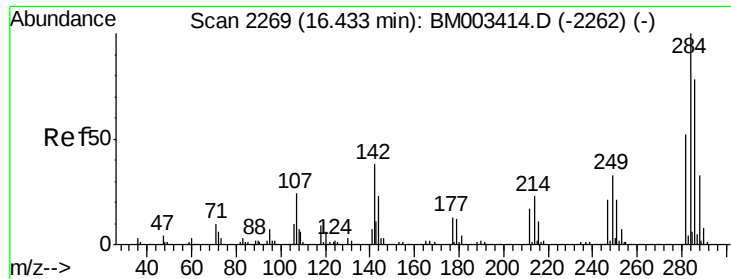
apatel  
 12/23/2015 3:47:03 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 48.05 ng  
 RT: 16.29 min Scan# 2244  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 248     | 100  |       |       |       |       |
| 250     | 97.3 | 77.4  | 116.0 |       |       |
| 141     | 83.9 | 45.2  | 67.8  |       |       |





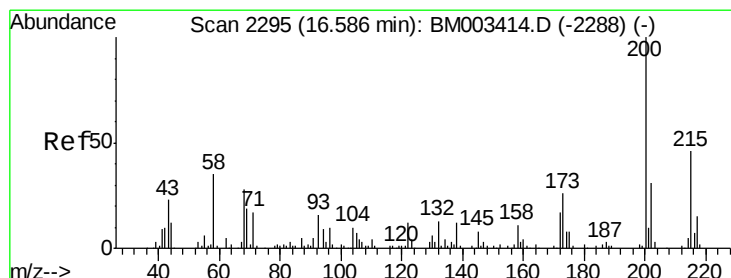
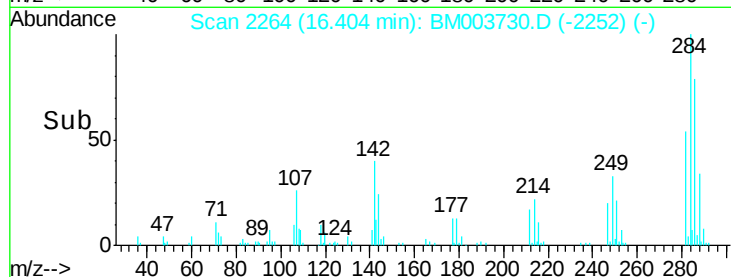
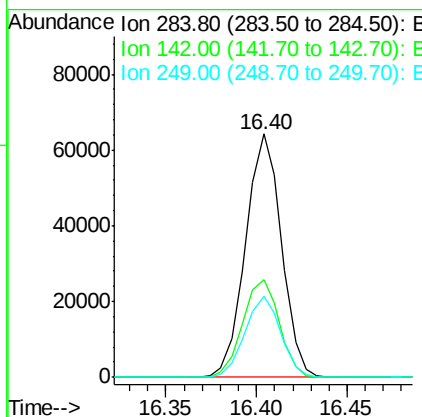
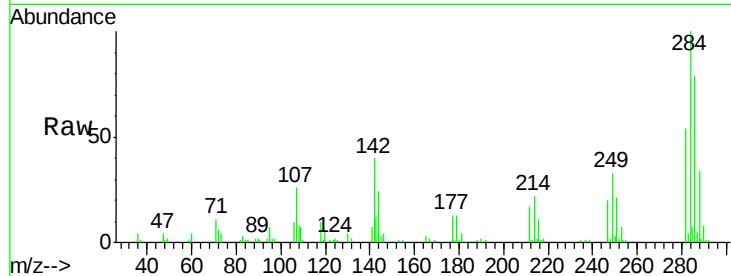
#67  
Hexachlorobenzene  
Concen: 49.23 ng  
RT: 16.40 min Scan# 2264  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 88289 |       |       |
| 142     | 40.4  | 20.4  | 30.6  |       |
| 249     | 33.1  | 23.8  | 35.6  |       |

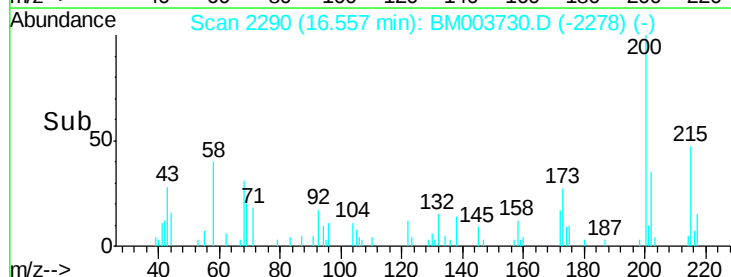
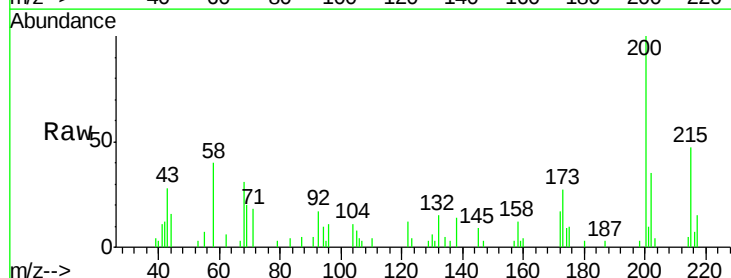
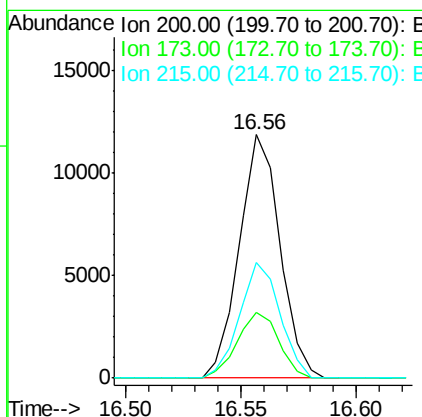
Manual Integrations  
APPROVED

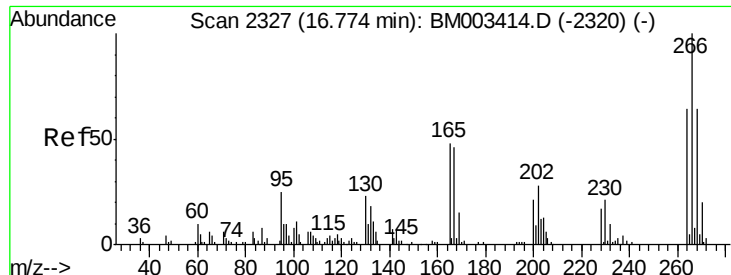
apatel  
12/23/2015 3:47:03 PM



#68  
Atrazine  
Concen: 9.60 ng  
RT: 16.56 min Scan# 2290  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 14657 |       |       |
| 173     | 27.2  | 4.8   | 44.8  |       |
| 215     | 47.3  | 26.9  | 66.9  |       |





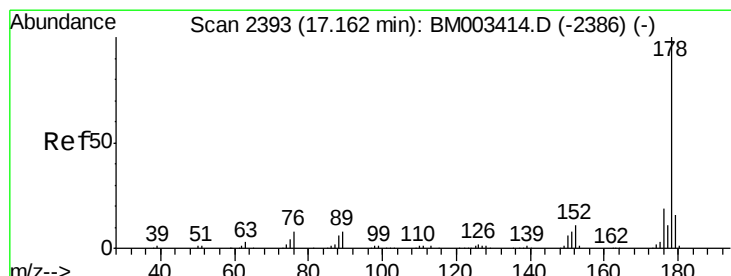
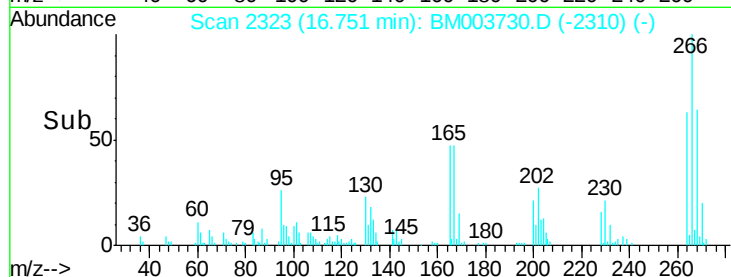
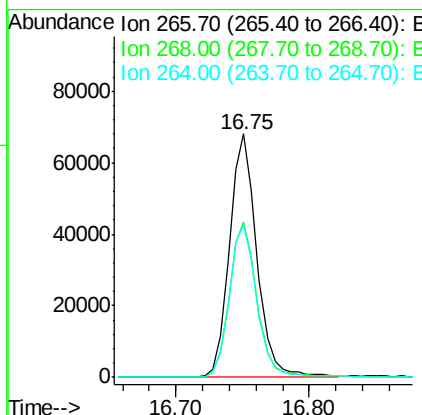
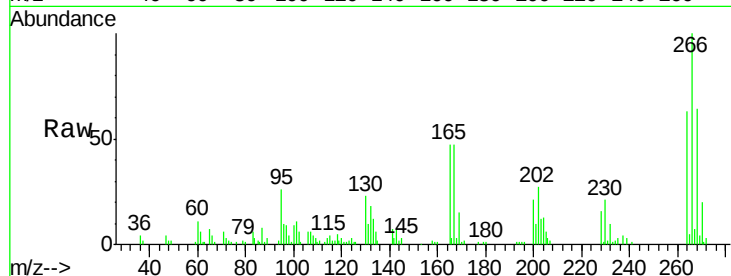
#69  
 Pentachlorophenol  
 Concen: 95.48 ng  
 RT: 16.75 min Scan# 2323  
 Delta R.T. -0.02 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.0  | 52.0  | 78.0  |
| 264     | 62.6  | 49.0  | 73.4  |

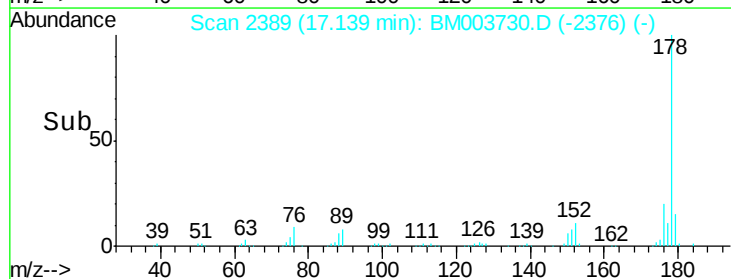
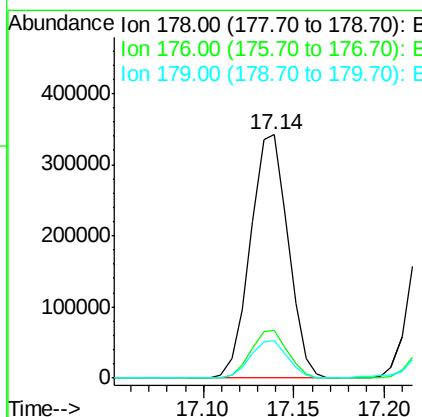
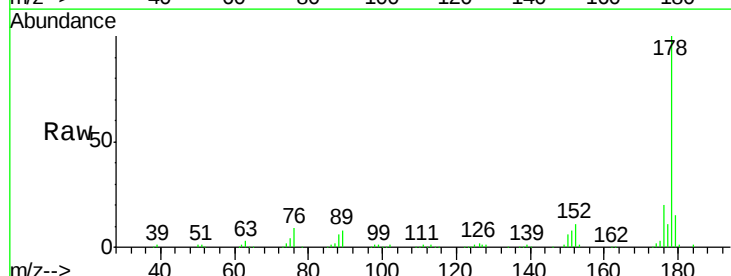
Manual Integrations  
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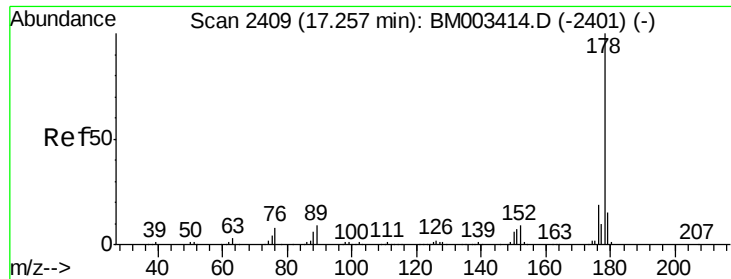
apatel  
 12/23/2015 3:47:03 PM



#70  
 Phenanthrene  
 Concen: 56.88 ng  
 RT: 17.14 min Scan# 2389  
 Delta R.T. -0.02 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.2  | 22.8  |
| 179     | 15.3  | 12.1  | 18.1  |





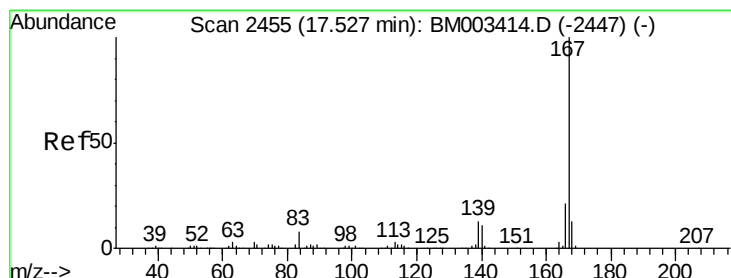
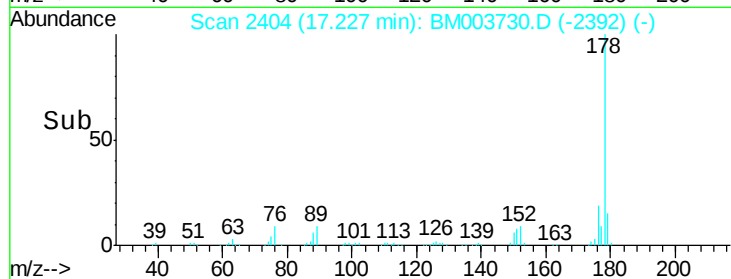
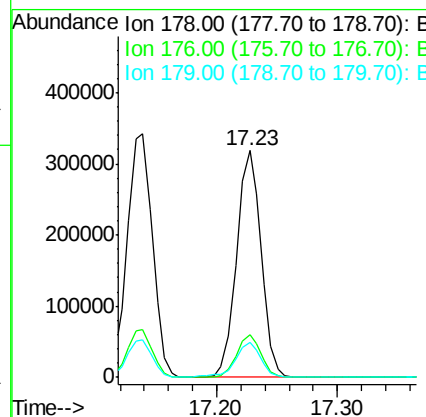
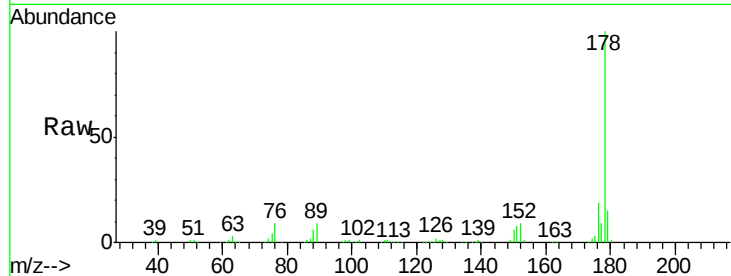
#71  
 Anthracene  
 Concen: 51.87 ng  
 RT: 17.23 min Scan# 2404  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 14.6  | 22.0  |
| 179     | 15.4  | 12.6  | 19.0  |

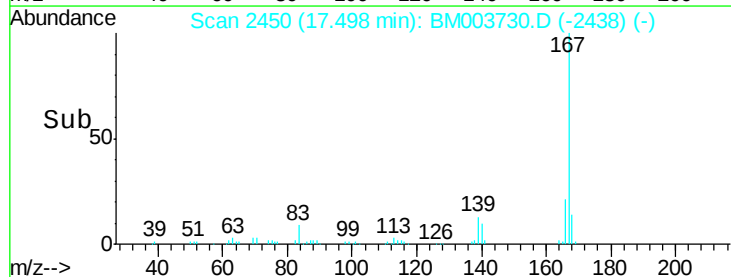
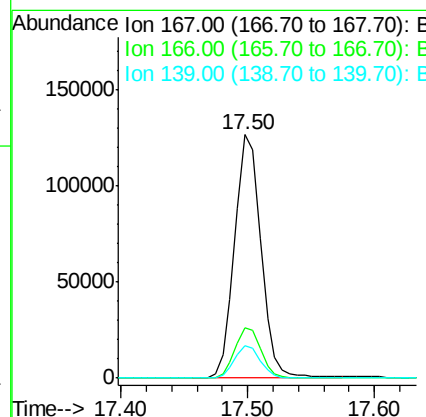
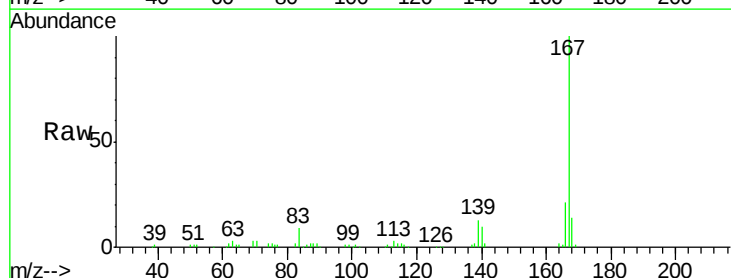
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#72  
 Carbazole  
 Concen: 24.34 ng  
 RT: 17.50 min Scan# 2450  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.9  | 17.2  | 25.8  |
| 139     | 13.4  | 10.8  | 16.2  |





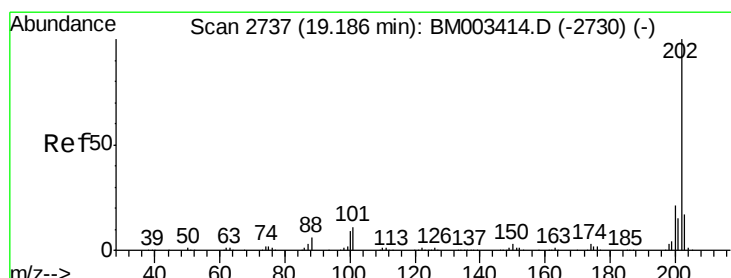
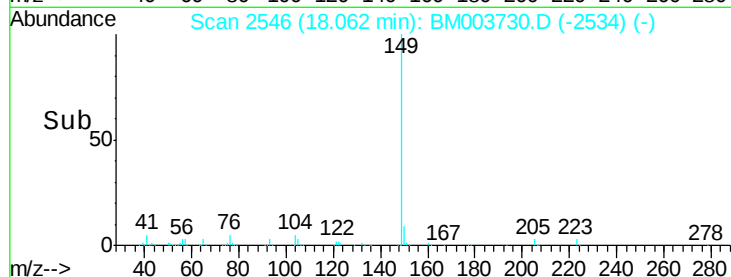
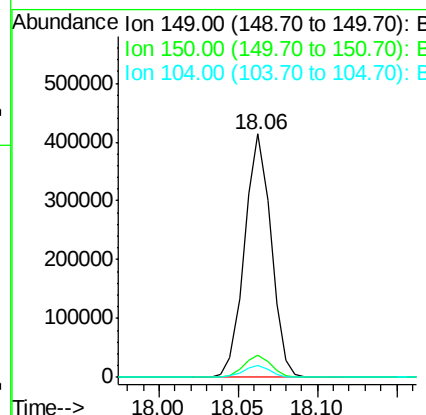
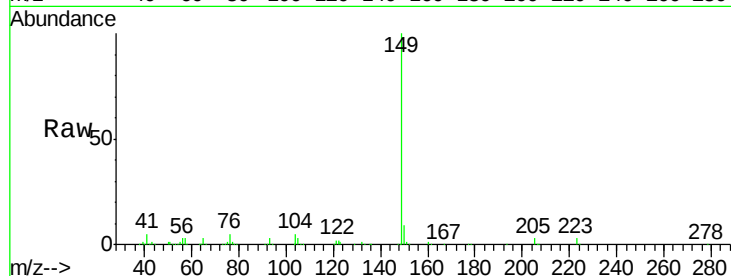
#73  
Di-n-butylphthalate  
Concen: 54.47 ng  
RT: 18.06 min Scan# 2546  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleID :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 478771 |       |       |
| 150     | 8.9   |        | 7.5   | 11.3  |
| 104     | 4.9   |        | 3.7   | 5.5   |

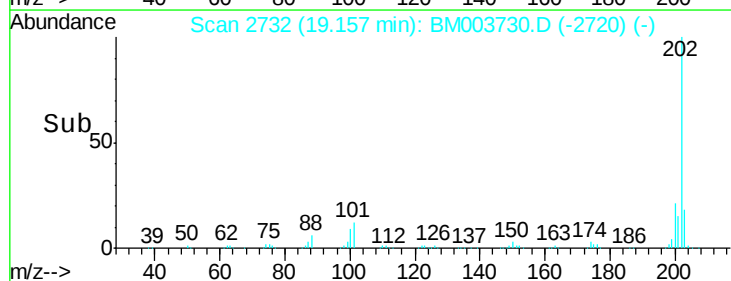
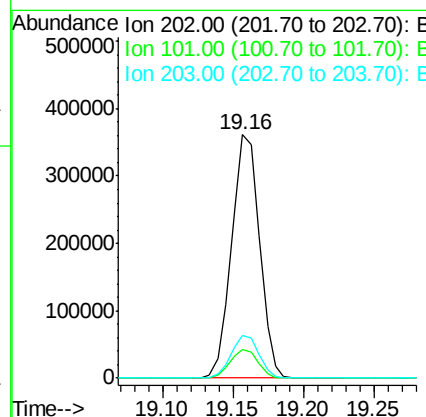
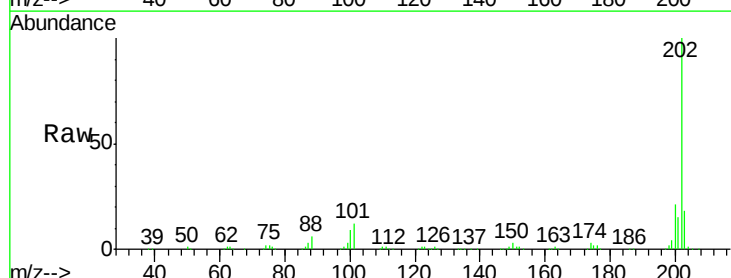
Manual Integrations  
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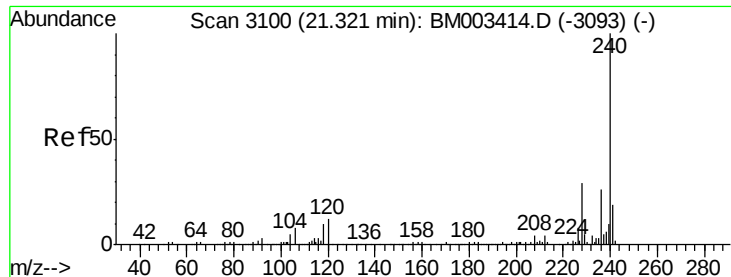
apatel  
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#74  
Fluoranthene  
Concen: 55.66 ng  
RT: 19.16 min Scan# 2732  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 498615 |       |       |
| 101     | 11.9  |        | 0.0   | 28.7  |
| 203     | 17.5  |        | 0.0   | 37.2  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

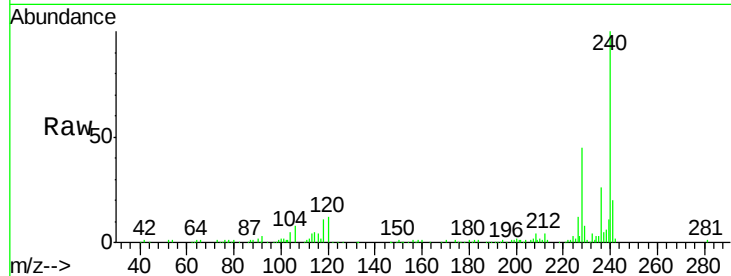
ClientSampleId :

LTCWC-01MS

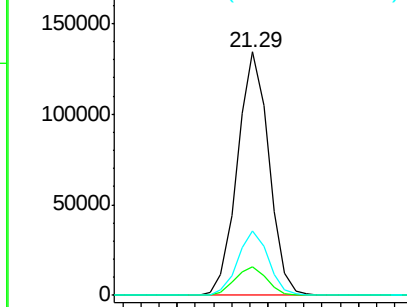
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 161671 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.8  | 8.2   | 12.2   |
| 236       | 26.3  | 20.0  | 30.0   |

Manual Integrations  
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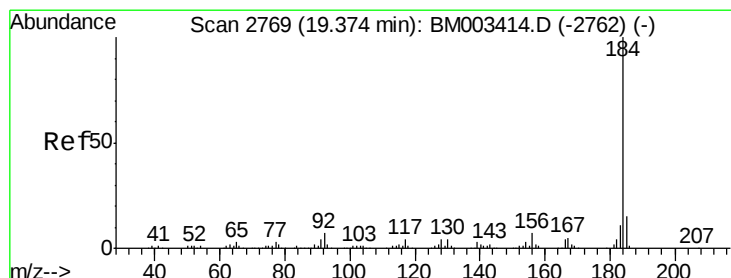
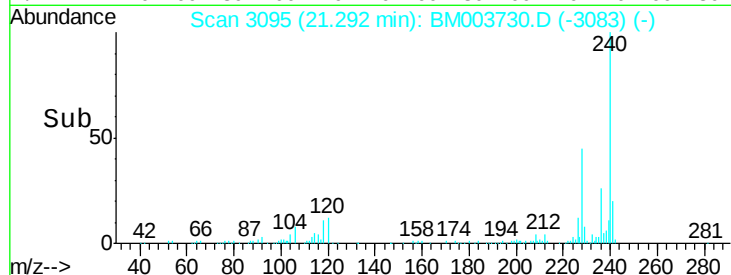
apatel  
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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 4.95 ng m

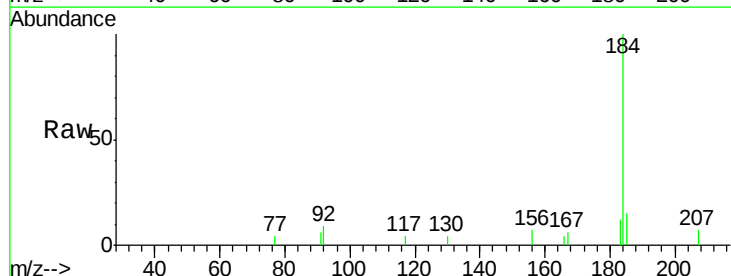
RT: 19.36 min Scan# 2767

Delta R.T. -0.01 min

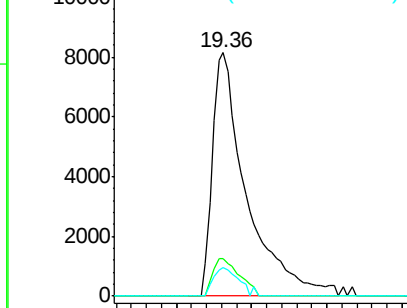
Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

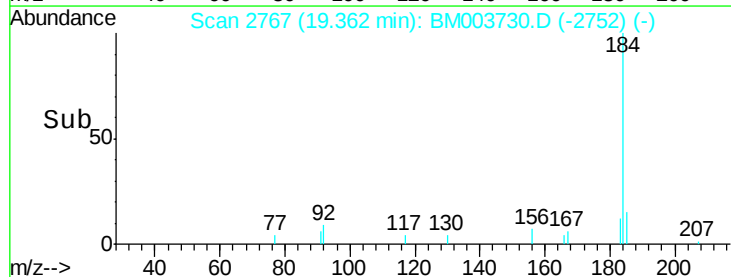
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 25656 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 15.4  | 11.3  | 16.9  |
| 183       | 11.7  | 8.9   | 13.3  |

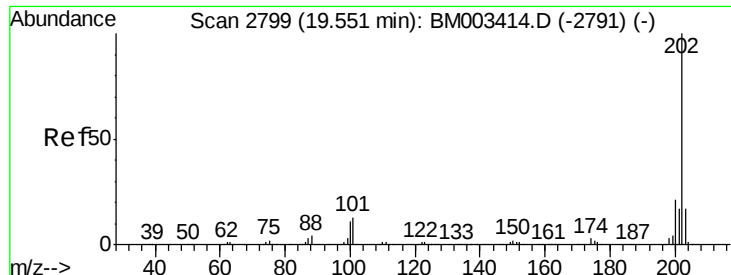


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 45.11 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

Instrument :

BNA\_M

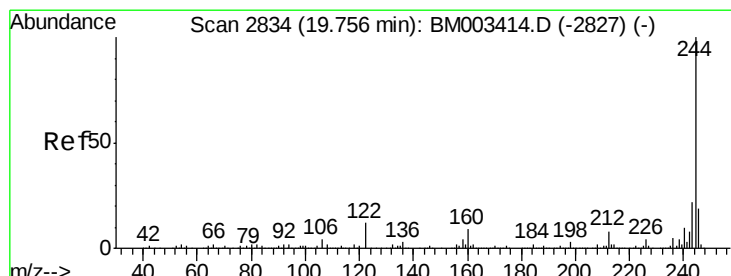
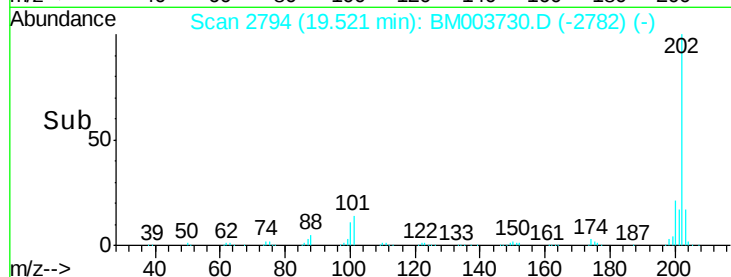
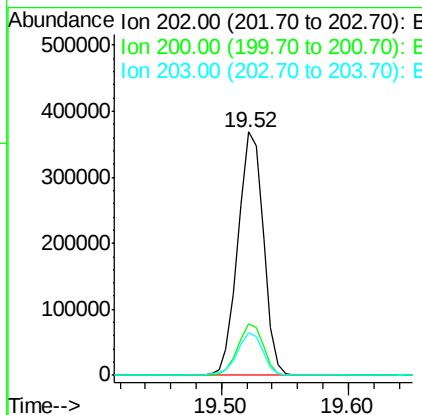
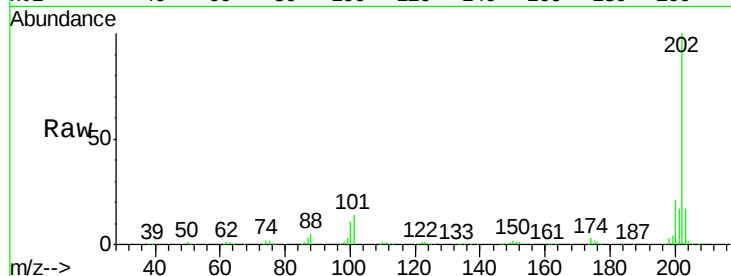
ClientSampleId :

LTCWC-01MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 511428 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.1 | 16.9  | 25.3   |
| 203       | 17.4 | 14.1  | 21.1   |

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#78

Terphenyl-d14

Concen: 91.95 ng

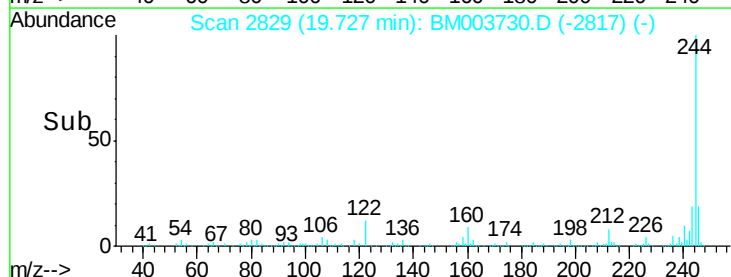
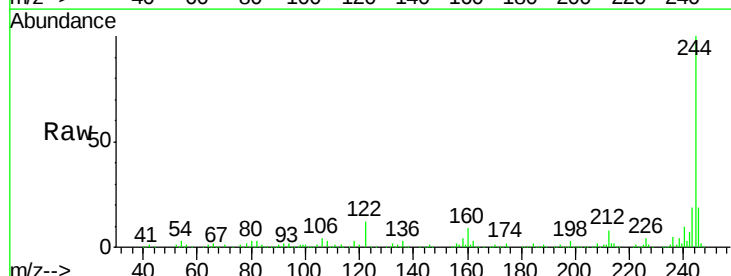
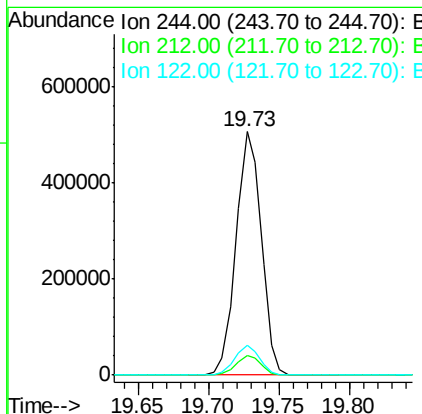
RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003730.D

Acq: 23 Dec 2015 04:31

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 244  | Resp: | 630342 |
| Ion Ratio |      | Lower | Upper  |
| 244       | 100  |       |        |
| 212       | 7.9  | 4.9   | 7.3#   |
| 122       | 12.4 | 6.2   | 9.4#   |





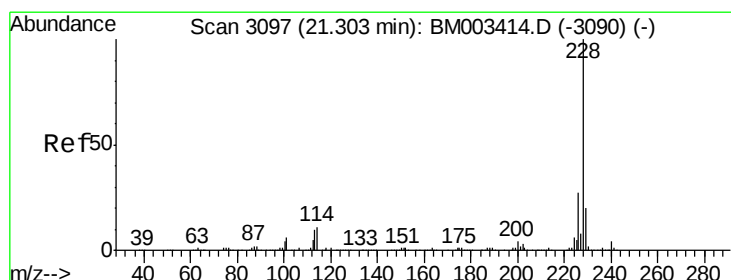
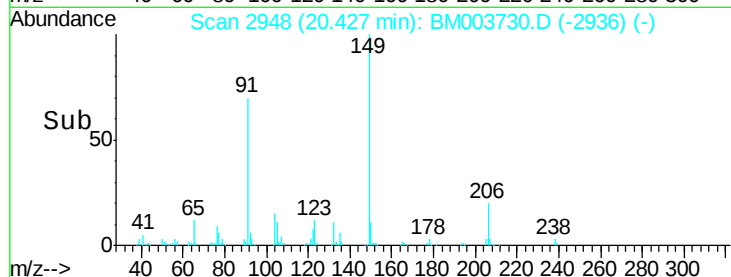
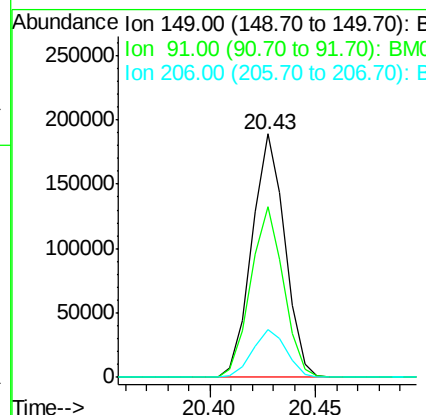
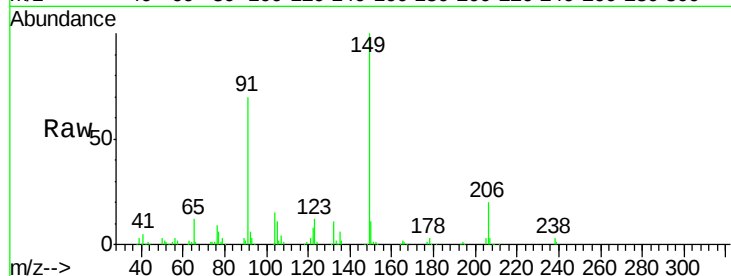
#79  
Butylbenzylphthalate  
Concen: 47.02 ng  
RT: 20.43 min Scan# 2948  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 205320 |       |       |
| 91      | 69.8  | 50.1   | 75.1  |       |
| 206     | 19.6  | 16.2   | 24.2  |       |

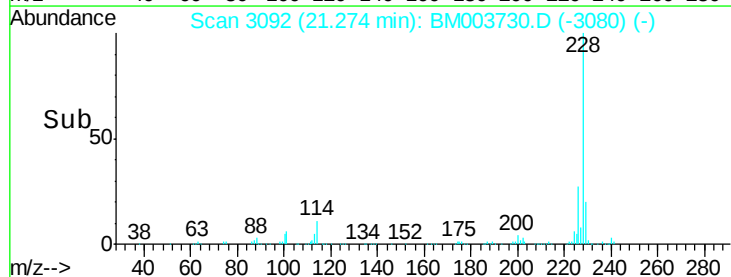
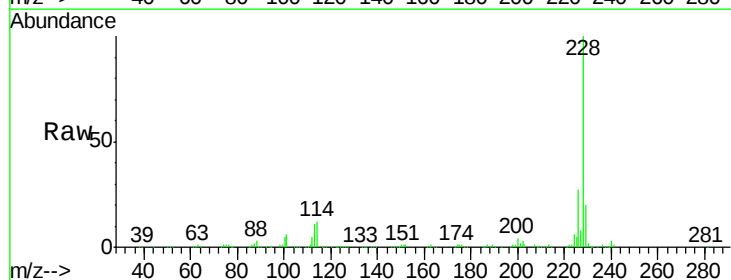
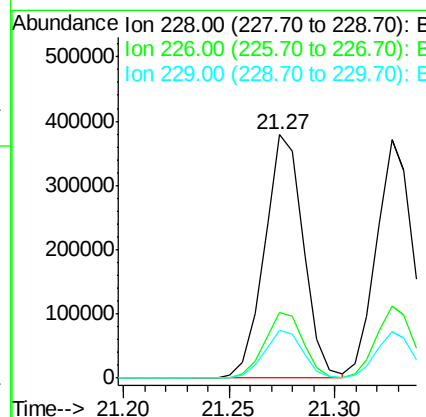
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#80  
Benzo(a)anthracene  
Concen: 49.93 ng  
RT: 21.27 min Scan# 3092  
Delta R.T. -0.03 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 483943 |       |       |
| 226     | 27.1  | 21.7   | 32.5  |       |
| 229     | 19.7  | 16.0   | 24.0  |       |





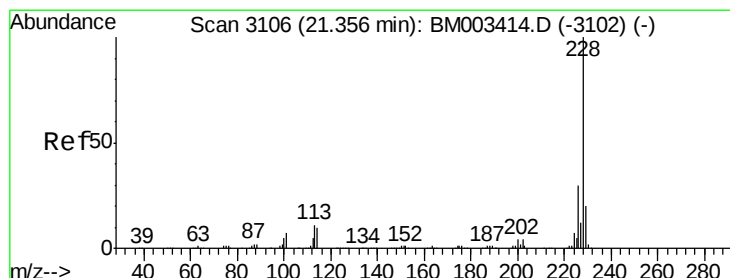
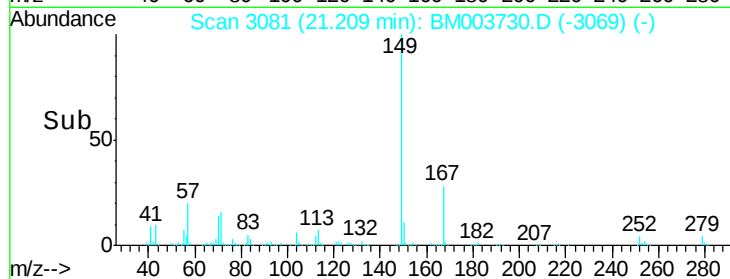
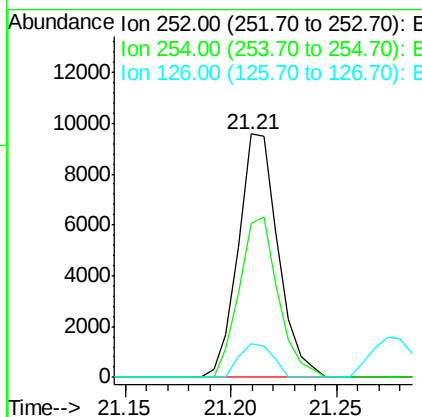
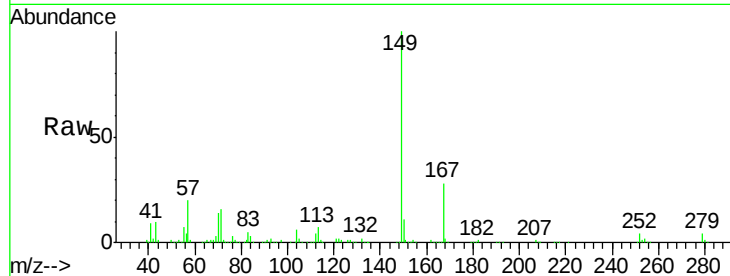
#81  
 3,3'-Dichlorobenzidine  
 Concen: 4.06 ng  
 RT: 21.21 min Scan# 3081  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 12522 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 63.0  | 51.9  | 77.9  |
| 126       | 13.6  | 9.8   | 14.8  |

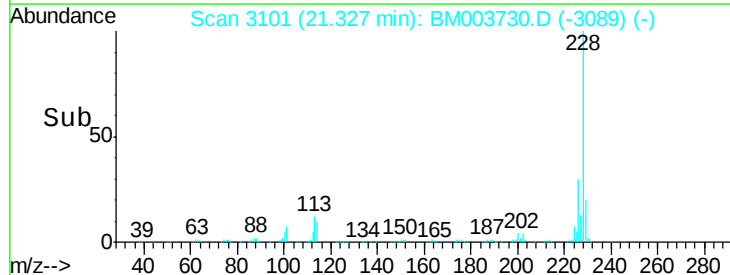
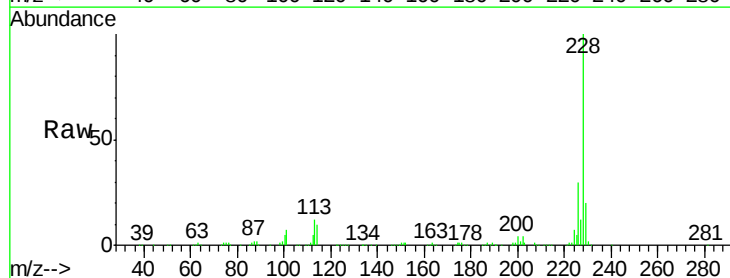
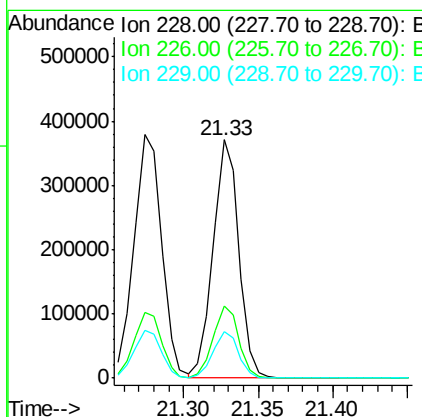
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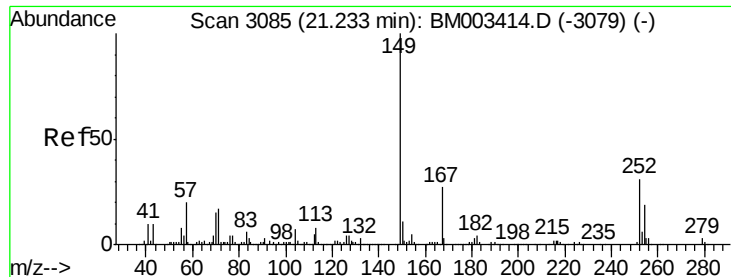
apatel  
 12/23/2015 3:47:03 PM



#82  
 Chrysene  
 Concen: 47.72 ng  
 RT: 21.33 min Scan# 3101  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 445186 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.1  | 24.1  | 36.1   |
| 229       | 19.6  | 15.5  | 23.3   |





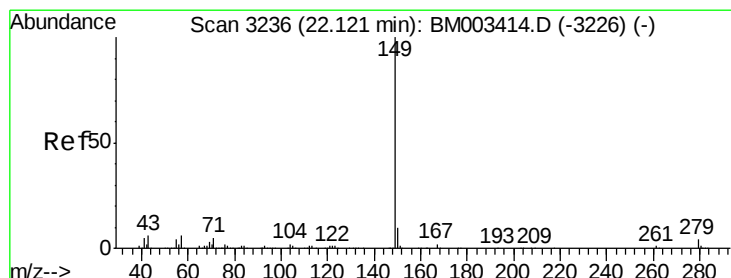
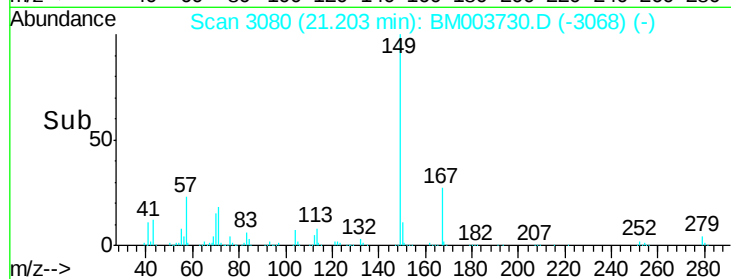
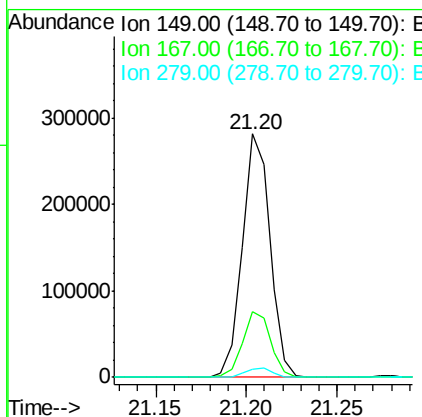
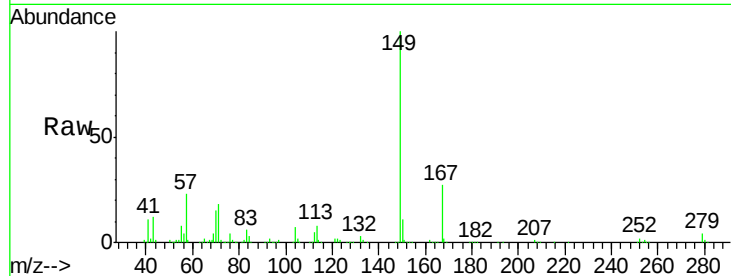
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.86 ng  
 RT: 21.20 min Scan# 3080  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 298587 |       |       |
| 167     | 26.7  |        | 22.4  | 33.6  |
| 279     | 3.6   |        | 3.4   | 5.0   |

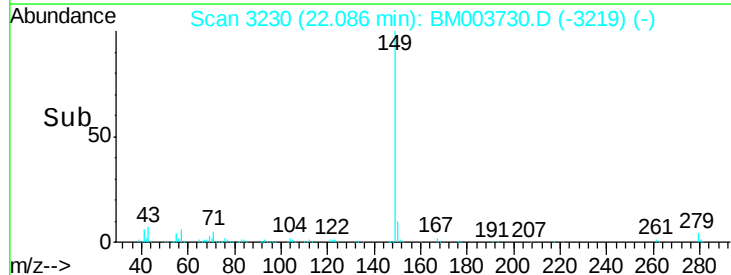
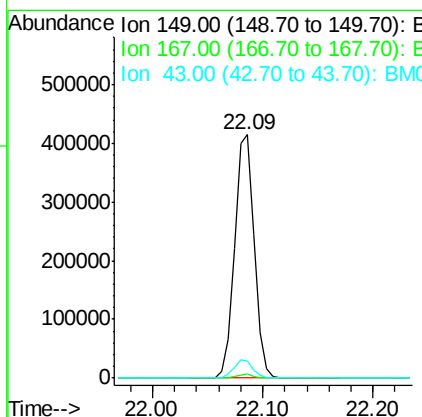
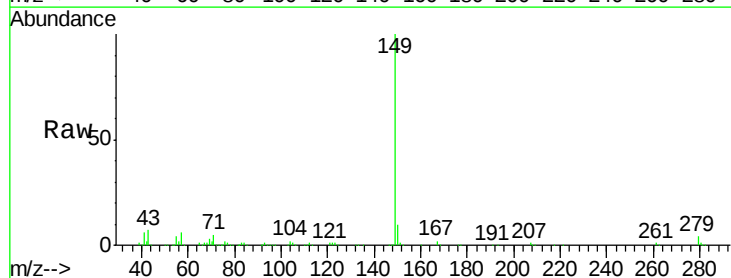
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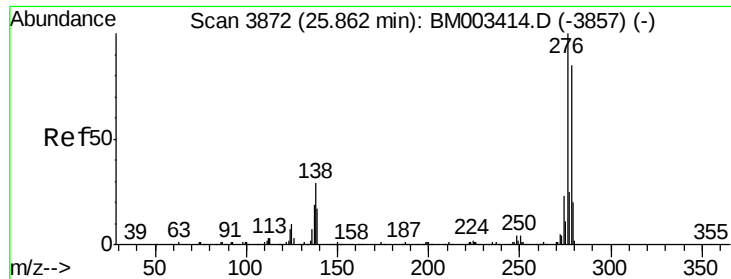
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#84  
 Di-n-octyl phthalate  
 Concen: 52.24 ng  
 RT: 22.09 min Scan# 3230  
 Delta R.T. -0.03 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 516801 |       |       |
| 167     | 1.5   |        | 1.2   | 1.8   |
| 43      | 7.3   |        | 7.3   | 10.9  |





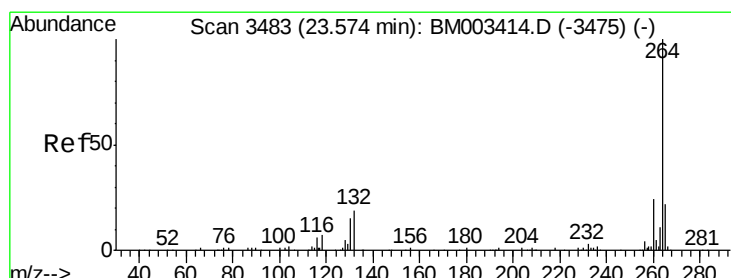
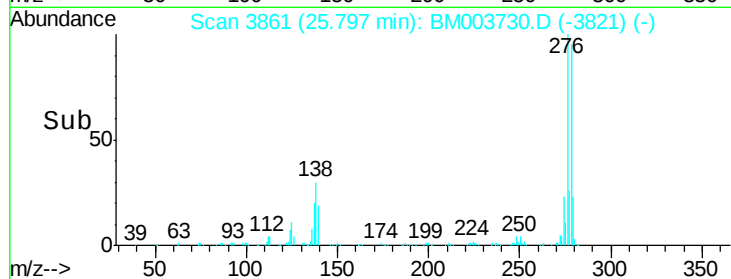
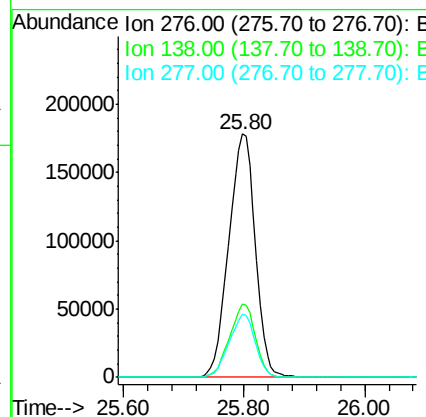
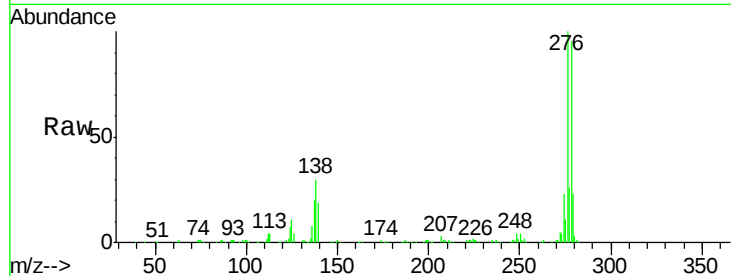
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 55.58 ng  
RT: 25.80 min Scan# 3861  
Delta R.T. -0.06 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.3  | 0.0   | 0.0#  |
| 277     | 25.4  | 0.0   | 0.0#  |

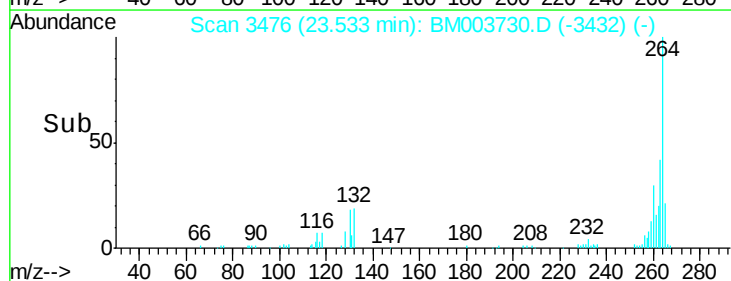
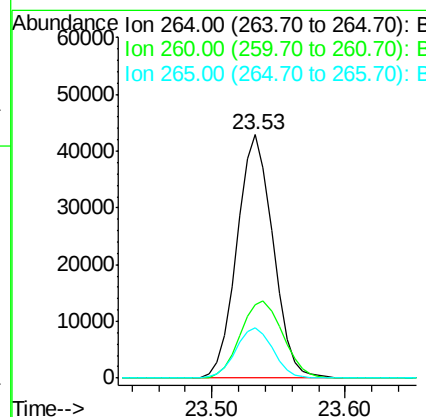
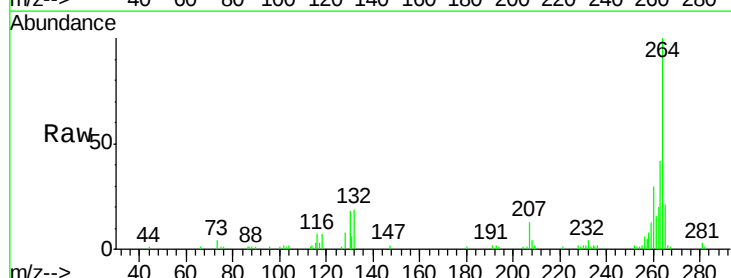
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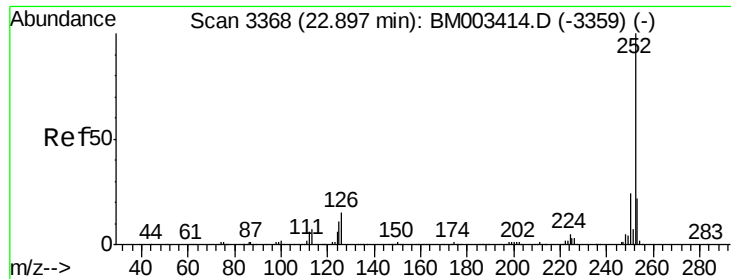
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.53 min Scan# 3476  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 29.9  | 18.6  | 27.8# |
| 265     | 20.6  | 17.3  | 25.9  |





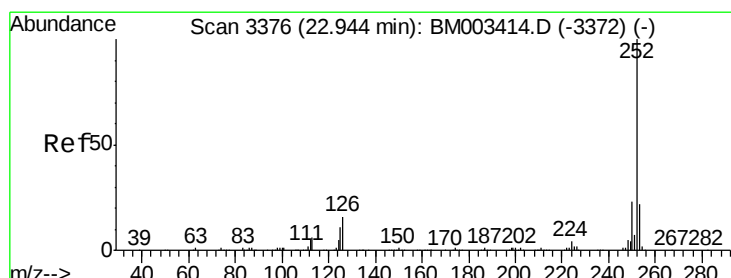
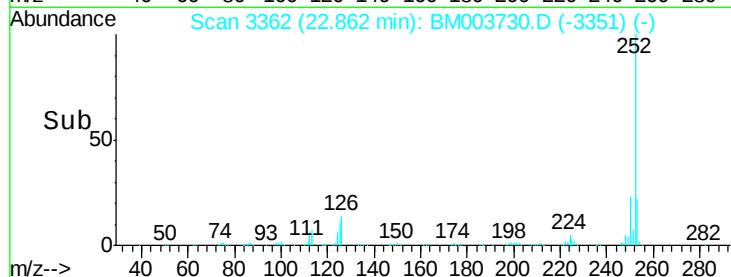
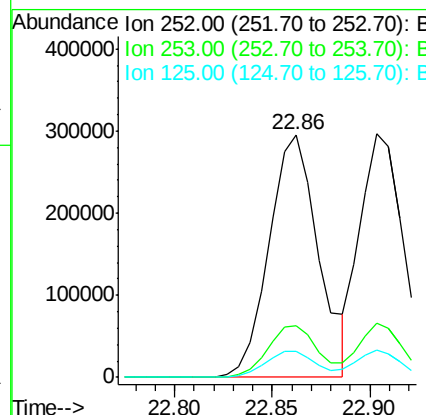
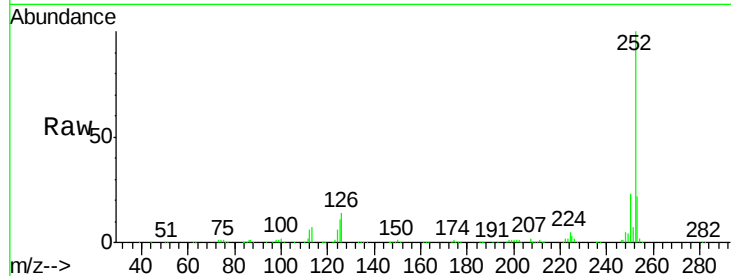
#87  
Benzo(b)fluoranthene  
Concen: 105.55 ng  
RT: 22.86 min Scan# 3362  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.0  | 27.0  |
| 125     | 10.9  | 9.9   | 14.9  |

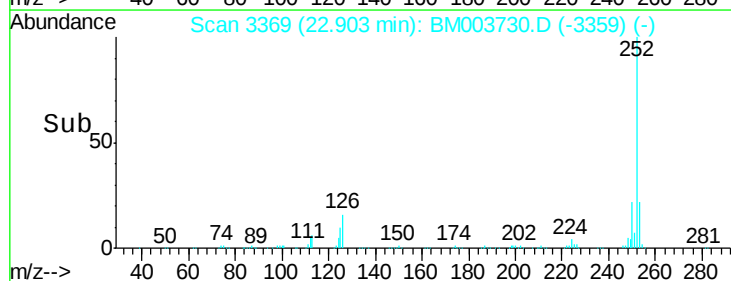
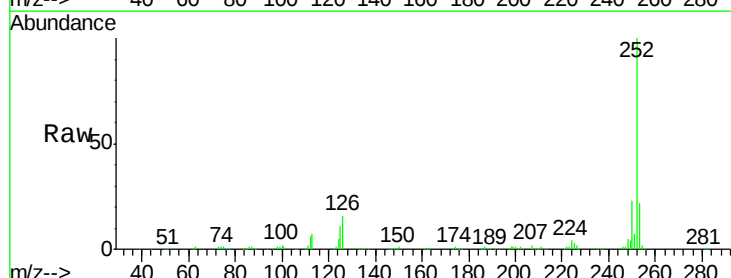
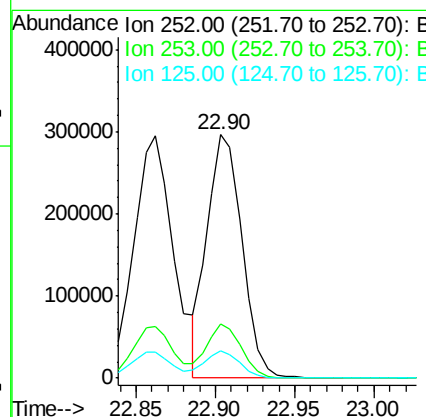
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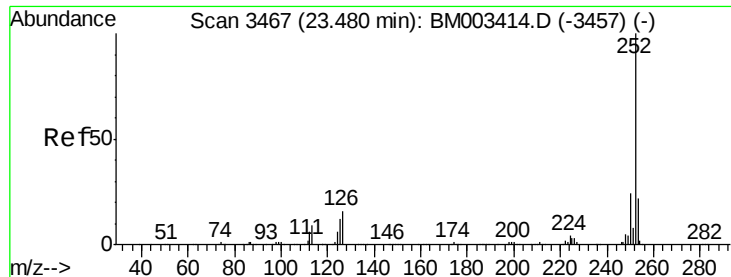
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#88  
Benzo(k)fluoranthene  
Concen: 94.82 ng  
RT: 22.90 min Scan# 3369  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.2  | 25.8  |
| 125     | 11.0  | 8.1   | 12.1  |





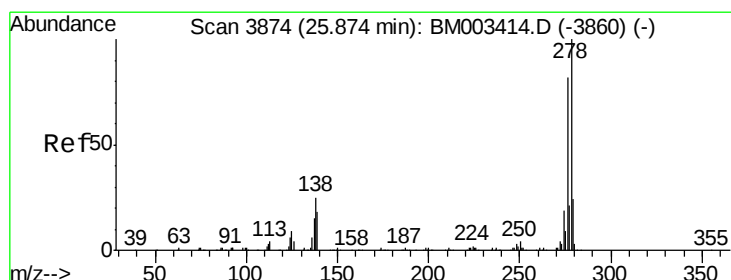
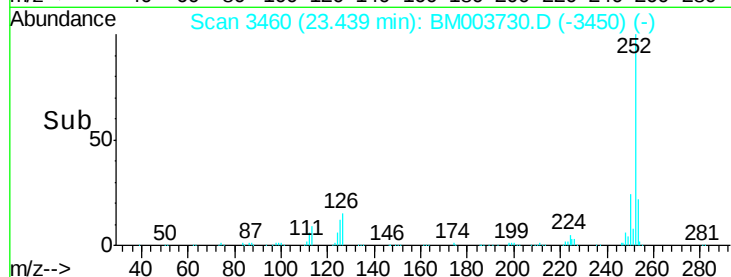
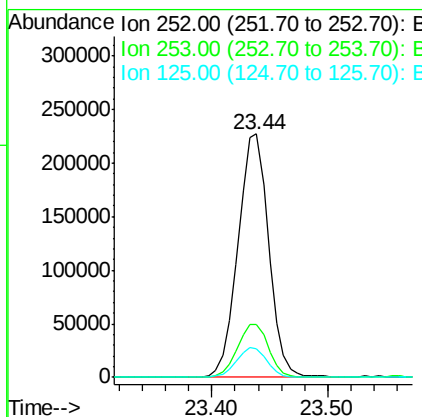
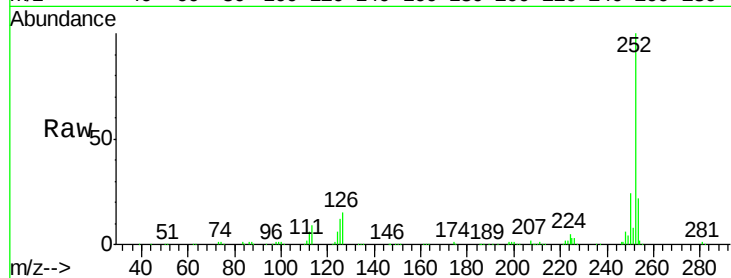
#89  
Benzo(a)pyrene  
Concen: 91.42 ng  
RT: 23.44 min Scan# 3460  
Delta R.T. -0.04 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

Instrument :  
BNA\_M  
ClientSampleId :  
LTCWC-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.6  | 26.4  |
| 125     | 11.9  | 7.4   | 11.2  |

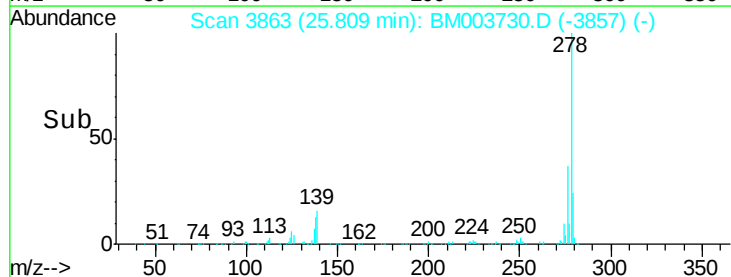
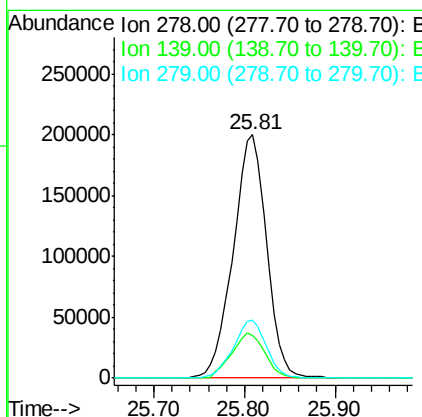
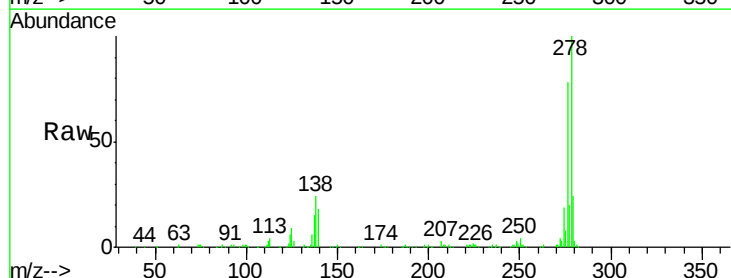
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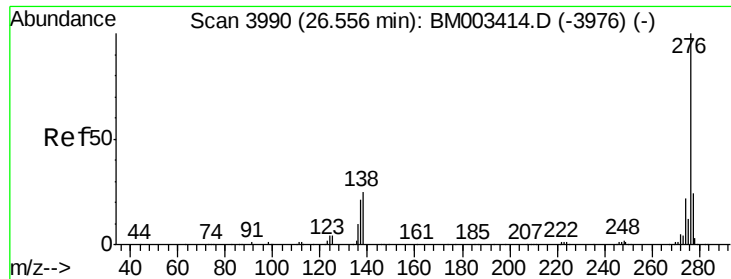
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#90  
Dibenzo(a,h)anthracene  
Concen: 113.22 ng  
RT: 25.81 min Scan# 3863  
Delta R.T. -0.06 min  
Lab File: BM003730.D  
Acq: 23 Dec 2015 04:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.8  | 13.4  | 20.0  |
| 279     | 23.7  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 97.08 ng  
 RT: 26.49 min Scan# 3979  
 Delta R.T. -0.06 min  
 Lab File: BM003730.D  
 Acq: 23 Dec 2015 04:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LTCWC-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 441002 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.3  | 18.5  | 27.7   |
| 138       | 24.8  | 19.0  | 28.6   |

Manual Integrations  
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