

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081915\  
 Data File : BM002494.D  
 Acq On : 19 Aug 2015 17:00  
 Operator : UM/IZ  
 Sample : MDL-03-W  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2015 3:35:45 PM

Quant Time: Aug 20 03:25:45 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 20 02:27:18 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.83  | 152  | 103688   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.69 | 136  | 505864   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 15.41 | 164  | 292796   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 18.12 | 188  | 642674   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.20 | 240  | 678971   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 24.86 | 264  | 633156   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.86  | 96  | 12379   | 5.52  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.93  | 99  | 258529  | 27.56 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 8.11  | 67  | 147279  | 26.59 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 8.34  | 132 | 233268  | 30.10 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.52  | 113 | 233704  | 29.09 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 10.02 | 128 | 122719  | 32.36 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.76 | 143 | 134431  | 40.08 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 11.30 | 165 | 220651  | 29.98 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.82 | 131 | 374121  | 38.31 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 14.79 | 166 | 759890  | 31.53 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 15.12 | 160 | 937172  | 30.90 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 15.57 | 143 | 139888  | 32.16 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 16.39 | 176 | 639608  | 30.32 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 16.50 | 200 | 102005  | 40.39 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 18.22 | 188 | 986937  | 31.65 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 20.44 | 212 | 1039116 | 31.56 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 24.69 | 264 | 1101495 | 32.76 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |       |             | Qvalue |
|--------------------------------|-------|-----|-------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.90  | 88  | 1167  | 0.46 ng/uL# | 10     |
| 4) Benzaldehyde                | 7.93  | 77  | 14368 | 2.60 ng/ul  | 97     |
| 6) Phenol                      | 7.96  | 94  | 22013 | 2.29 ng/ul  | 93     |
| 8) Bis(2-Chloroethyl)ether     | 8.21  | 93  | 18143 | 2.45 ng/ul  | 91     |
| 10) 2-Chlorophenol             | 8.37  | 128 | 18788 | 2.38 ng/ul  | 92     |
| 11) 2-Methylphenol             | 9.26  | 108 | 17339 | 2.28 ng/ul  | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 9.35  | 45  | 24451 | 1.85 ng/ul# | 93     |
| 14) Acetophenone               | 9.66  | 105 | 30300 | 2.53 ng/ul  | 95     |
| 15) N-Nitroso-di-n-propylamine | 9.63  | 70  | 14675 | 2.28 ng/ul  | 94     |
| 16) 4-Methylphenol             | 9.59  | 108 | 19409 | 2.33 ng/ul  | 100    |
| 17) Hexachloroethane           | 9.94  | 117 | 6896  | 2.21 ng/ul  | 94     |
| 20) Nitrobenzene               | 10.06 | 77  | 20094 | 2.28 ng/ul# | 88     |
| 21) Isophorone                 | 10.58 | 82  | 41335 | 2.35 ng/ul  | 96     |
| 23) 2-Nitrophenol              | 10.79 | 139 | 11866 | 3.11 ng/ul# | 86     |
| 24) 2,4-Dimethylphenol         | 10.82 | 107 | 20827 | 2.22 ng/ul  | 99     |
| 25) Bis(2-Chloroethoxy)methane | 11.05 | 93  | 24842 | 2.29 ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 11.32 | 162 | 18067 | 2.56 ng/ul# | 84     |
| 28) Naphthalene                | 11.74 | 128 | 65743 | 2.47 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.84 | 127 | 31407 | 3.24 ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 11.99 | 225 | 10298 | 2.52 ng/ul  | 94     |
| 32) Caprolactam                | 12.59 | 113 | 7043m | 2.41 ng/ul  |        |
| 33) 4-Chloro-3-methylphenol    | 12.90 | 107 | 20931 | 2.36 ng/ul  | 90     |
| 34) 2-Methylnaphthalene        | 13.29 | 142 | 48749 | 2.56 ng/ul  | 98     |

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Manual Integrations  
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Quant Time: Aug 20 03:25:45 2015  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 20 02:27:18 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 37) 1,2,4,5-Tetrachlorobenzene | 13.64 | 216  | 21344    | 2.54 | ng/ul  | 96       |
| 38) Hexachlorocyclopentadiene  | 13.61 | 237  | 4046     | 0.81 | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.87 | 196  | 13641    | 2.60 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.94 | 196  | 14794    | 2.52 | ng/ul  | 95       |
| 41) 1,1'-Biphenyl              | 14.26 | 154  | 62597    | 2.53 | ng/ul  | 96       |
| 42) 2-Chloronaphthalene        | 14.32 | 162  | 47131    | 2.50 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 14.50 | 65   | 12144    | 2.13 | ng/ul  | 85       |
| 45) Dimethylphthalate          | 14.83 | 163  | 63321    | 2.57 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 14.97 | 165  | 12131    | 2.63 | ng/ul  | 91       |
| 48) Acenaphthylene             | 15.14 | 152  | 80261    | 2.55 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 15.30 | 138  | 14415    | 2.89 | ng/ul  | 85       |
| 50) Acenaphthene               | 15.47 | 153  | 53101    | 2.51 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 15.52 | 184  | 2203     | 1.39 | ng/ul# | 1        |
| 53) 4-Nitrophenol              | 15.59 | 109  | 7504     | 2.35 | ng/ul  | 94       |
| 54) Dibenzofuran               | 15.80 | 168  | 73871    | 2.61 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 15.75 | 165  | 17884    | 2.74 | ng/ul  | 89       |
| 56) 2,3,4,6-Tetrachlorophenol  | 16.02 | 232  | 10694    | 2.39 | ng/ul# | 95       |
| 57) Diethylphthalate           | 16.16 | 149  | 65166    | 2.48 | ng/ul  | 99       |
| 59) Fluorene                   | 16.44 | 166  | 62997    | 2.64 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 16.41 | 204  | 28825    | 2.64 | ng/ul  | 93       |
| 61) 4-Nitroaniline             | 16.44 | 138  | 15645    | 2.71 | ng/ul  | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 16.51 | 198  | 8206     | 2.89 | ng/ul# | 61       |
| 65) N-Nitrosodiphenylamine     | 16.62 | 169  | 52178    | 2.48 | ng/ul  | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.30 | 248  | 16641    | 2.48 | ng/ul  | 96       |
| 67) Hexachlorobenzene          | 17.43 | 284  | 19533    | 2.55 | ng/ul  | 97       |
| 68) Atrazine                   | 17.53 | 200  | 10212    | 1.39 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.77 | 266  | 3821     | 1.02 | ng/ul  | 93       |
| 70) Phenanthrene               | 18.16 | 178  | 98744    | 2.67 | ng/ul  | 100      |
| 72) Anthracene                 | 18.26 | 178  | 99688    | 2.61 | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 14.24 | 216  | 20256    | 2.32 | ng/uL  | 95       |
| 74) Pentachlorobenzene         | 15.72 | 250  | 21041    | 2.49 | ng/uL  | 97       |
| 75) Carbazole                  | 18.51 | 167  | 87958    | 2.54 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.99 | 149  | 115418   | 2.49 | ng/ul  | 99       |
| 77) Fluoranthene               | 20.11 | 202  | 110681   | 2.83 | ng/ul  | 100      |
| 80) Pyrene                     | 20.47 | 202  | 117777   | 2.68 | ng/ul  | 96       |
| 81) Butylbenzylphthalate       | 21.27 | 149  | 53821    | 2.48 | ng/ul  | 92       |
| 82) 3,3'-Dichlorobenzidine     | 22.09 | 252  | 27004    | 2.07 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 22.19 | 228  | 111374   | 2.69 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 22.03 | 149  | 80608    | 2.57 | ng/ul  | 98       |
| 85) Chrysene                   | 22.24 | 228  | 105553   | 2.69 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 23.02 | 149  | 135608   | 2.81 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.04 | 252  | 111351   | 2.83 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 108694   | 2.88 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 24.74 | 252  | 108208   | 2.87 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 27.66 | 276  | 120794   | 2.80 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 27.66 | 278  | 102998   | 2.82 | ng/ul  | 99       |
| 94) Benzo(g,h,i)perylene       | 28.53 | 276  | 99287    | 2.73 | ng/ul  | 96       |

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

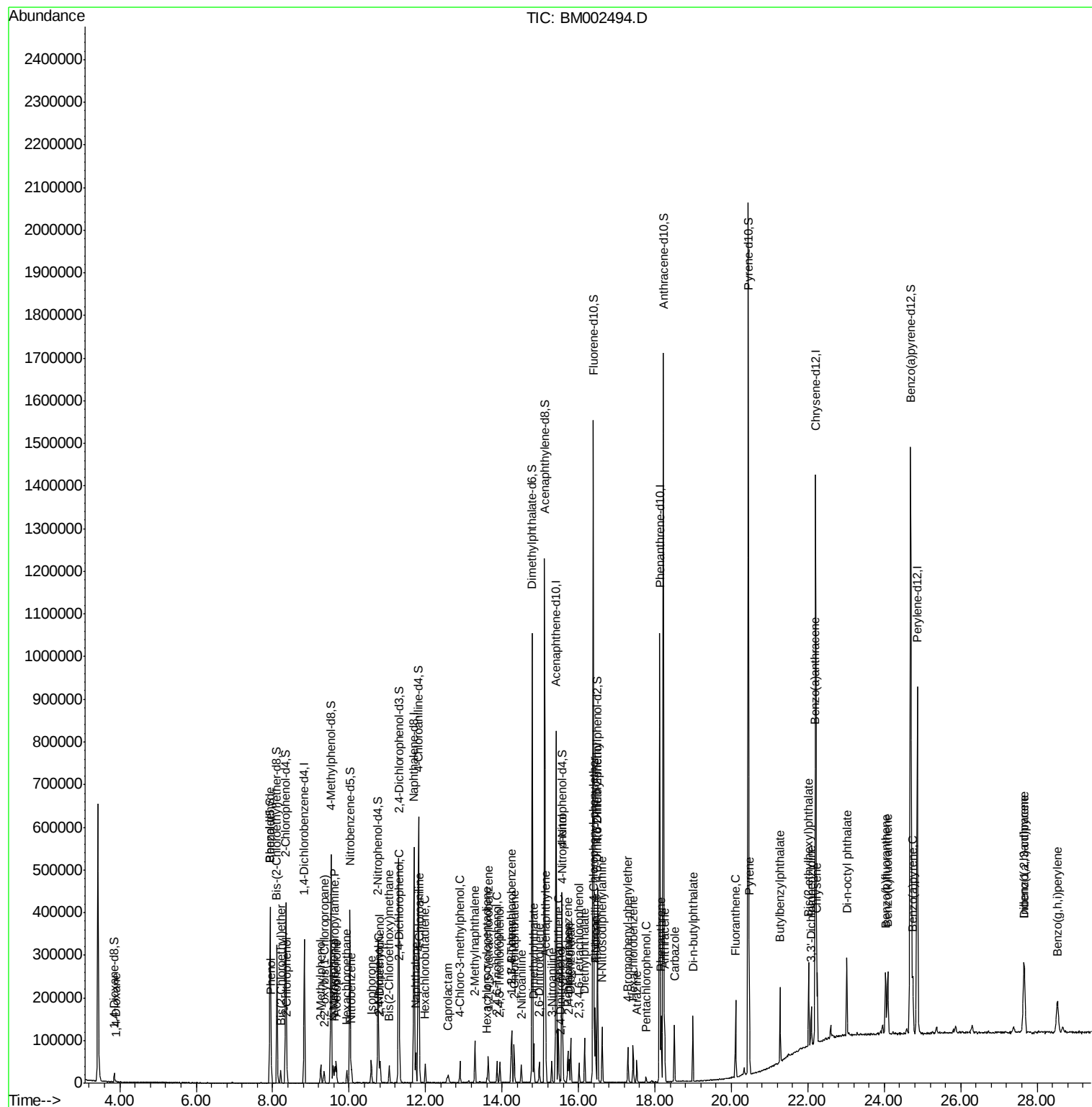
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081915\  
 Data File : BM002494.D  
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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

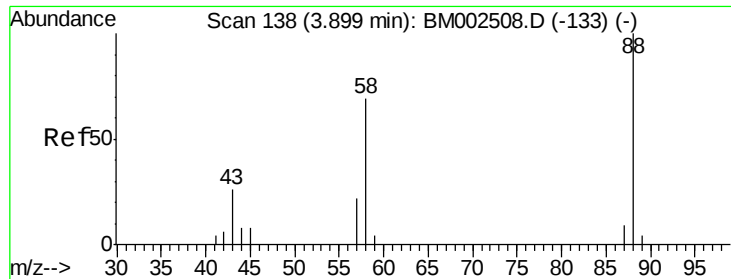
Instrument :  
 BNA\_M  
 ClientSampleId :  
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#2

1,4-Dioxane

Concen: 0.46 ng/uL

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

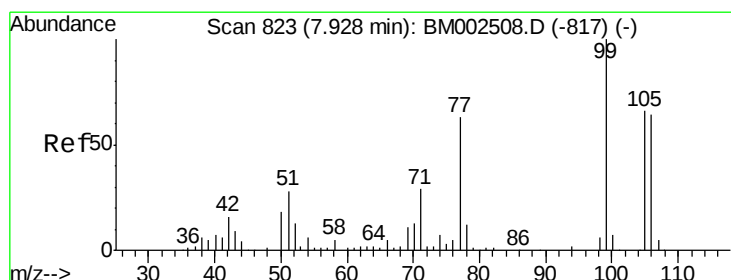
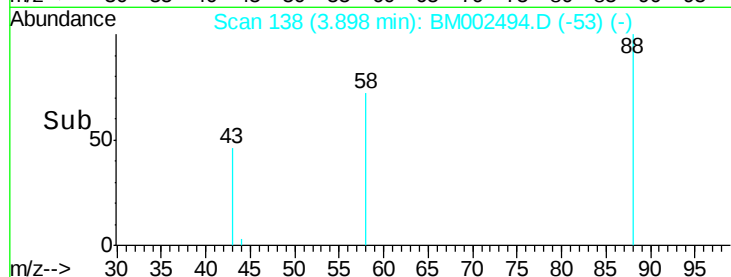
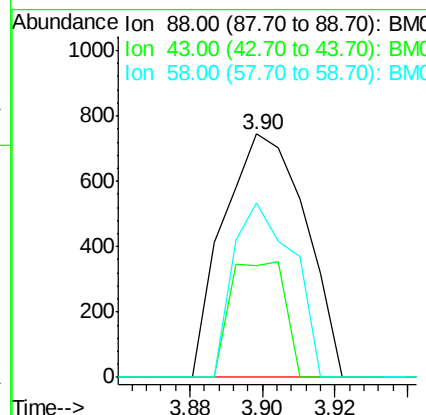
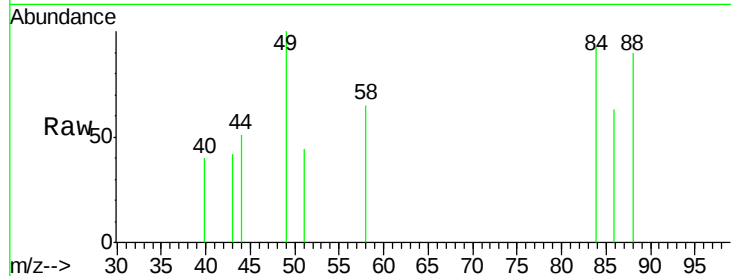
ClientSampled :

MDL-03-W

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 1167 |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 31.4  | 2.3   | 3.5# |
| 58        | 52.6  | 0.6   | 1.0# |

Manual Integrations  
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#4

Benzaldehyde

Concen: 2.60 ng/uL

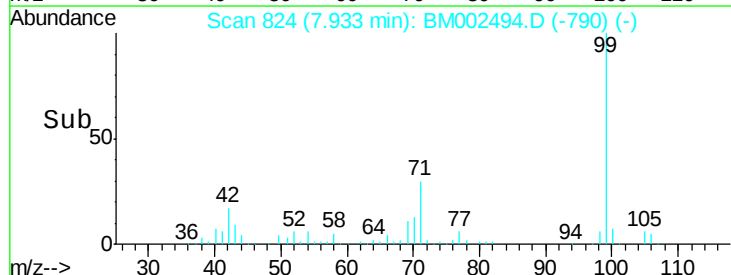
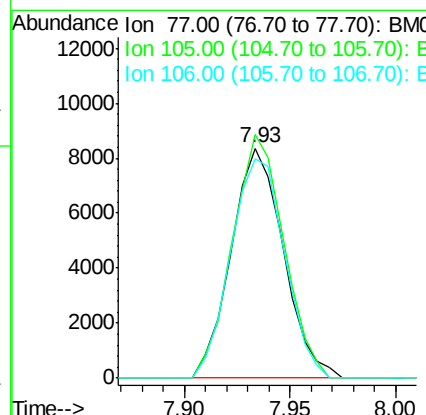
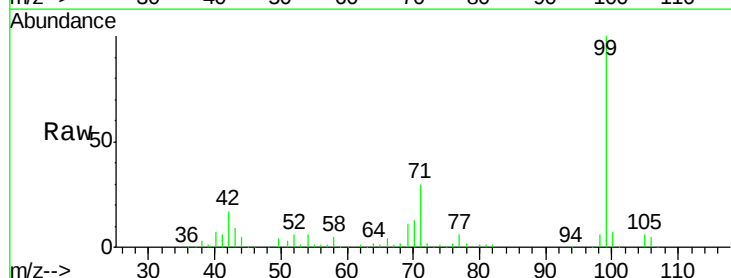
RT: 7.93 min Scan# 824

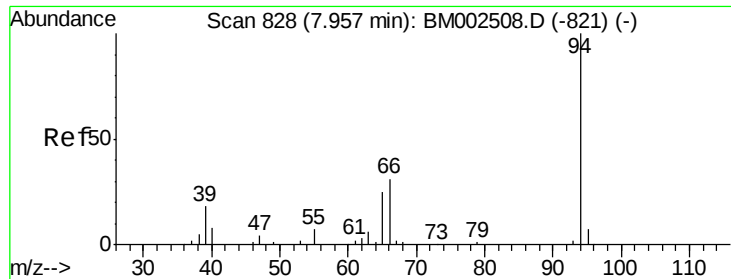
Delta R.T. -0.00 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 14368 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 106.0 | 80.0  | 120.0 |
| 106       | 95.6  | 76.7  | 115.1 |





#6

Phenol

Concen: 2.29 ng/ul

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

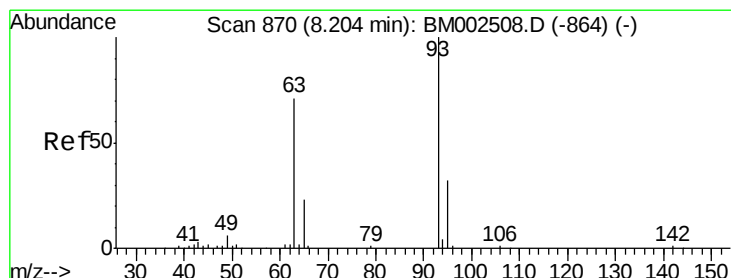
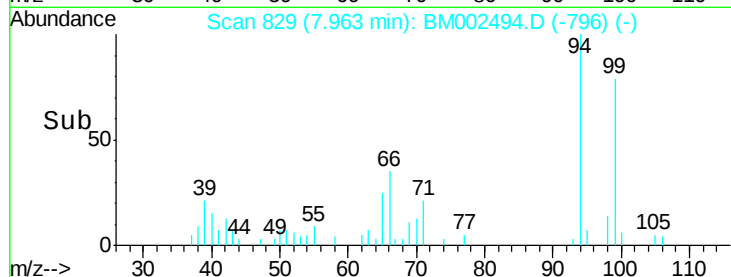
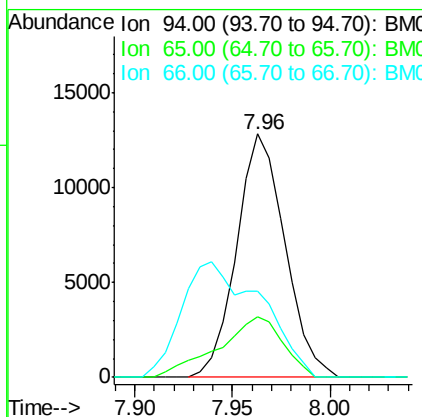
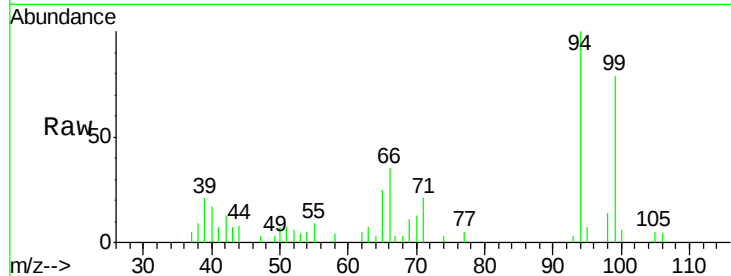
ClientSampleId :

MDL-03-W

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 22013 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 25.0  | 23.7  | 35.5  |
| 66        | 35.2  | 31.3  | 46.9  |

Manual Integrations  
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8/20/2015 3:35:45 PM



#8

Bis(2-Chloroethyl)ether

Concen: 2.45 ng/ul

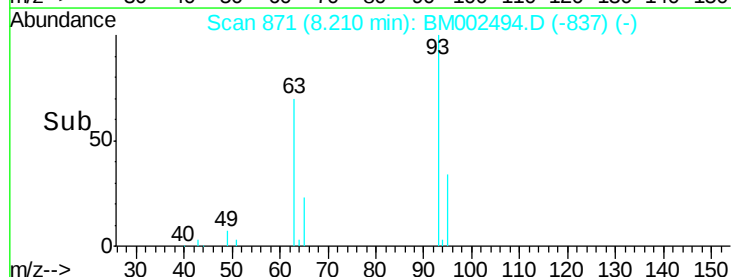
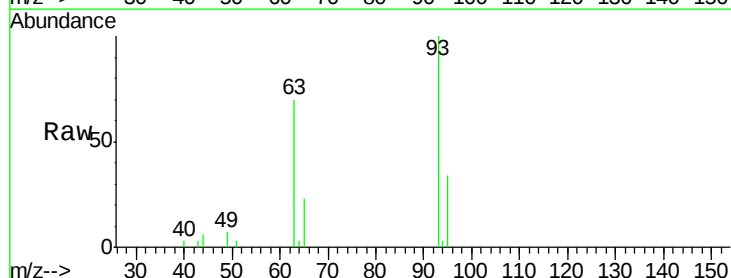
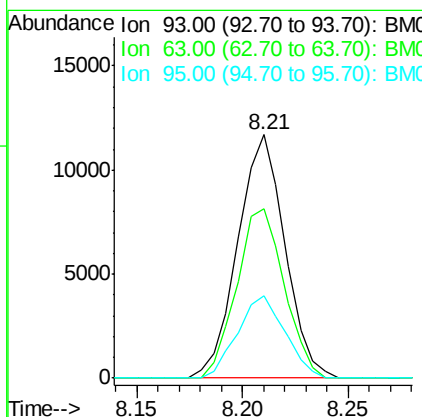
RT: 8.21 min Scan# 871

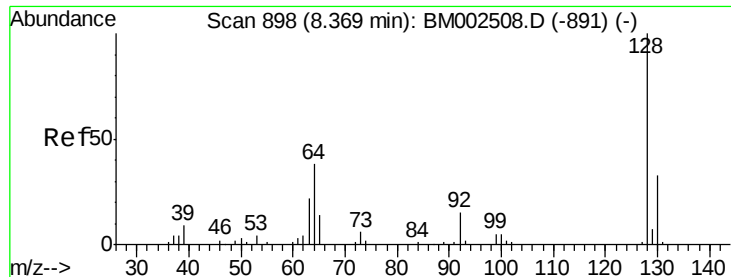
Delta R.T. -0.00 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 18143 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 69.7  | 64.6  | 97.0  |
| 95        | 33.7  | 26.6  | 40.0  |





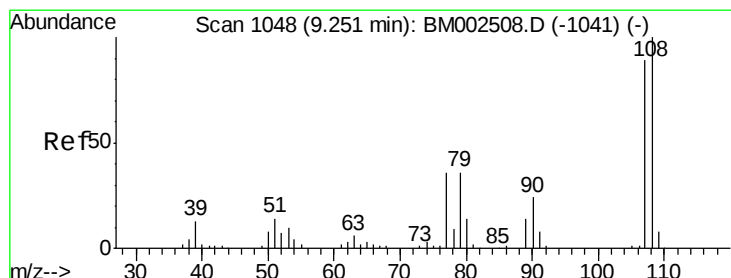
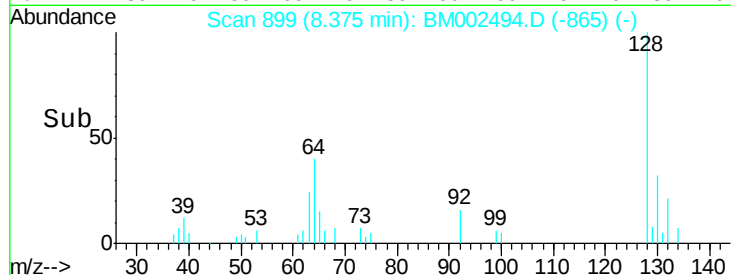
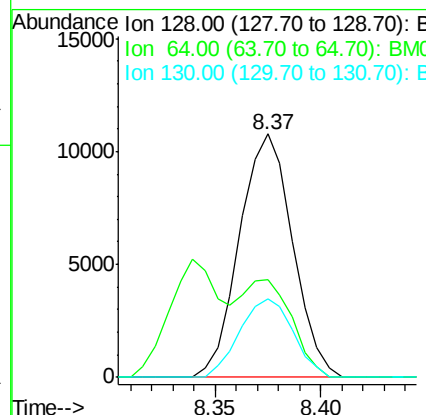
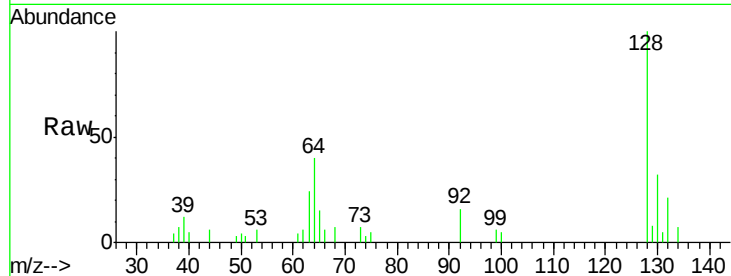
#10  
2-Chlorophenol  
Concen: 2.38 ng/ul  
RT: 8.37 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 40.3  | 38.7  | 58.1  |
| 130     | 32.2  | 26.6  | 40.0  |

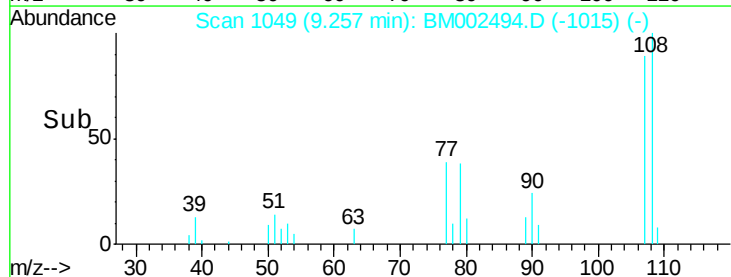
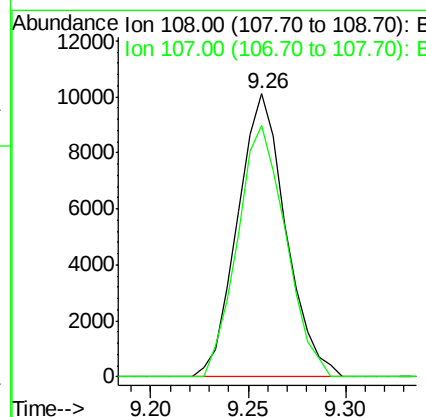
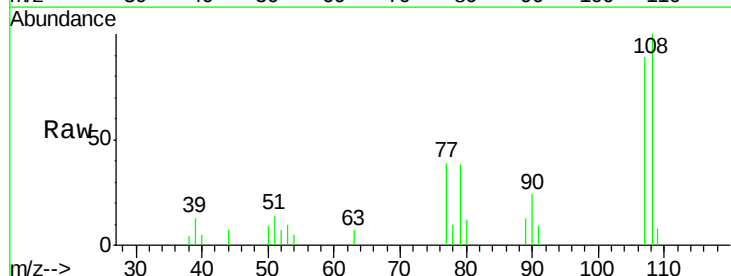
Manual Integrations  
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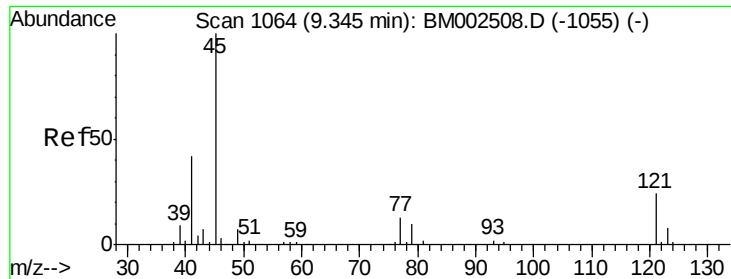
MMDadoda  
8/20/2015 3:35:45 PM



#11  
2-Methylphenol  
Concen: 2.28 ng/ul  
RT: 9.26 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 88.7  | 72.0  | 108.0 |





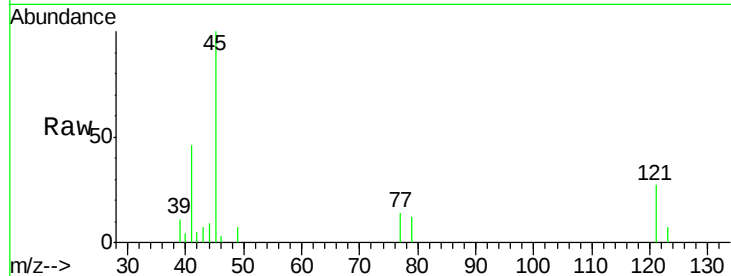
#12  
2,2'-oxybis(1-chloropropane)  
Concen: 1.85 ng/ul  
RT: 9.35 min Scan# 1065  
Delta R.T. -0.00 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.4  | 9.4   | 14.2# |
| 79      | 12.2  | 7.5   | 11.3# |

Manual Integrations  
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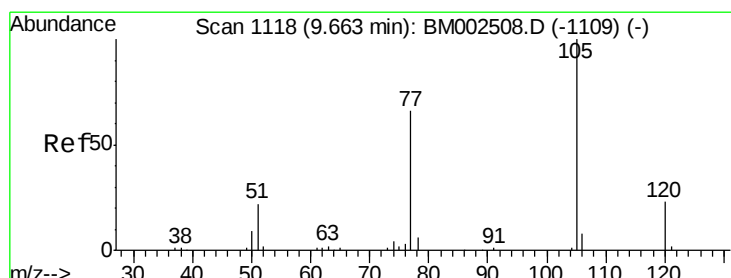
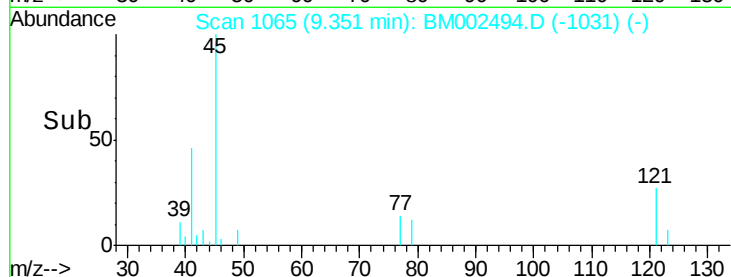
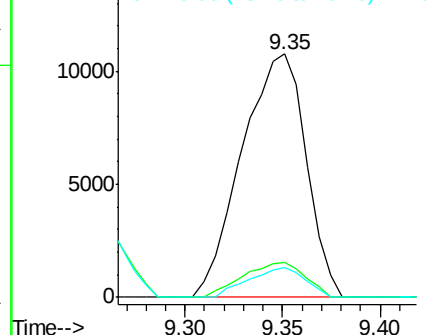


Abundance

Ion 45.00 (44.70 to 45.70): BM002508.D (-1055) (-)

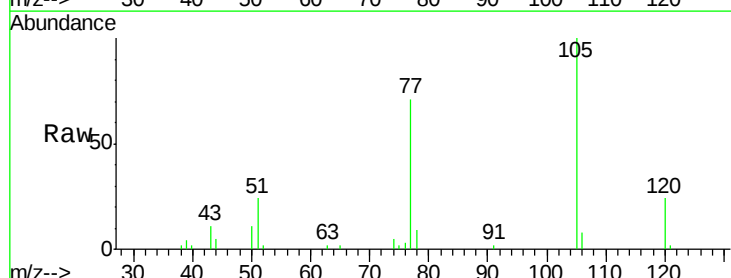
Ion 77.00 (76.70 to 77.70): BM002508.D (-1055) (-)

Ion 79.00 (78.70 to 79.70): BM002508.D (-1055) (-)



#14  
Acetophenone  
Concen: 2.53 ng/ul  
RT: 9.66 min Scan# 1118  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 70.8  | 59.4  | 89.0  |
| 51      | 24.2  | 23.4  | 35.0  |

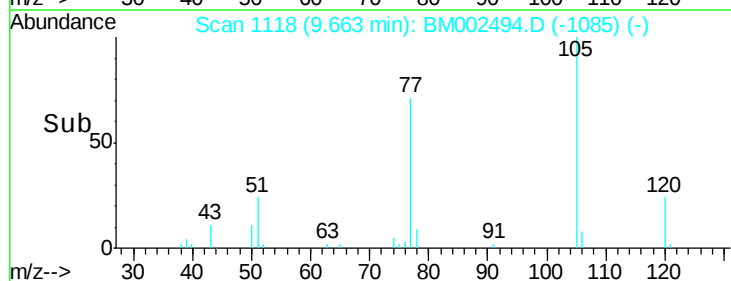
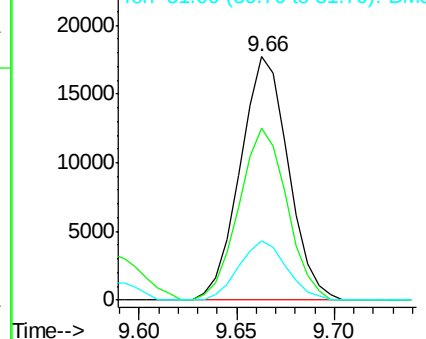


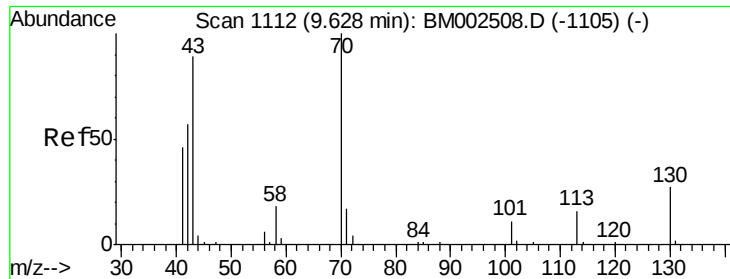
Abundance

Ion 105.00 (104.70 to 105.70): BM002508.D (-1109) (-)

Ion 77.00 (76.70 to 77.70): BM002508.D (-1109) (-)

Ion 51.00 (50.70 to 51.70): BM002508.D (-1109) (-)





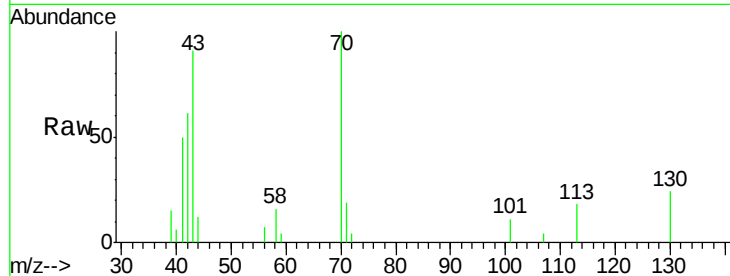
#15  
N-Nitroso-di-n-propylamine  
Concen: 2.28 ng/ul  
RT: 9.63 min Scan# 1112  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampled :  
MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.3  | 53.4  | 80.0  |
| 101     | 11.3  | 7.7   | 11.5  |
| 130     | 24.2  | 17.5  | 26.3  |

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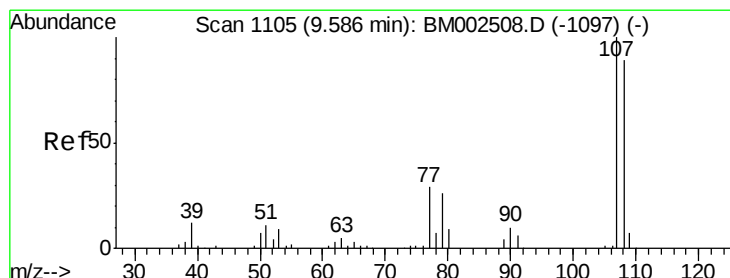
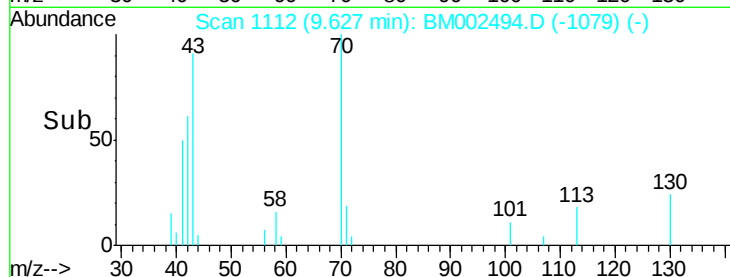
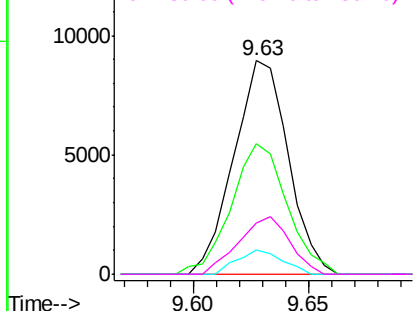
Abundance

Ion 70.00 (69.70 to 70.70): BM002508.D (-1105) (-)

Ion 42.00 (41.70 to 42.70): BM002508.D (-1105) (-)

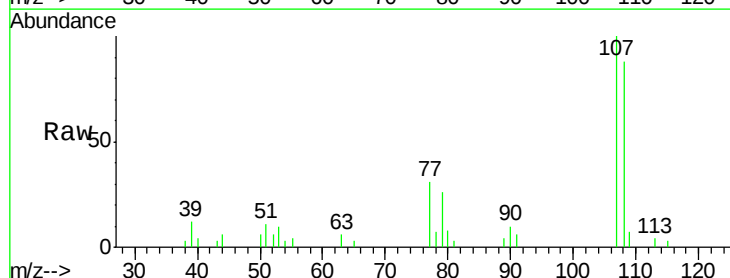
Ion 101.00 (100.70 to 101.70): BM002508.D (-1105) (-)

Ion 130.00 (129.70 to 130.70): BM002508.D (-1105) (-)



#16  
4-Methylphenol  
Concen: 2.33 ng/ul  
RT: 9.59 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

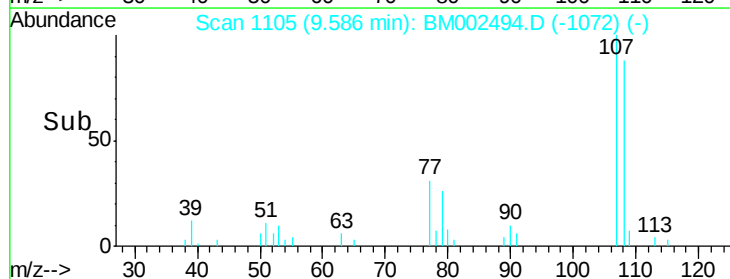
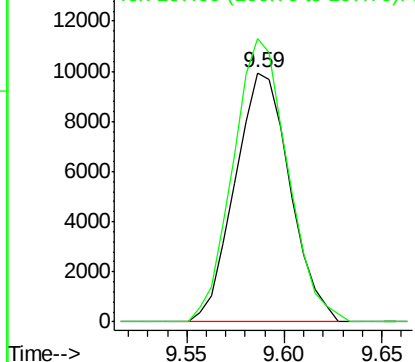
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 113.7 | 90.9  | 136.3 |

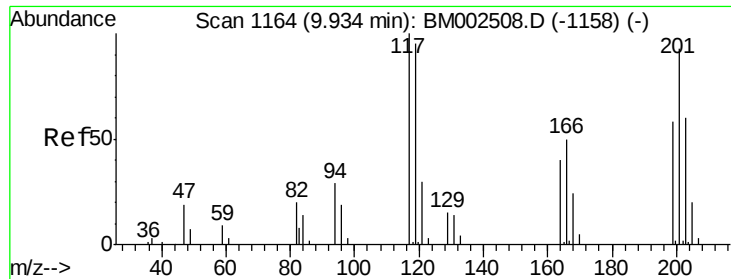


Abundance

Ion 108.00 (107.70 to 108.70): BM002508.D (-1097) (-)

Ion 107.00 (106.70 to 107.70): BM002508.D (-1097) (-)





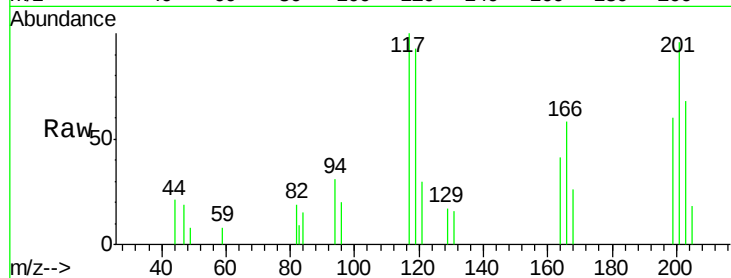
#17  
Hexachloroethane  
Concen: 2.21 ng/ul  
RT: 9.94 min Scan# 1165  
Delta R.T. -0.00 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

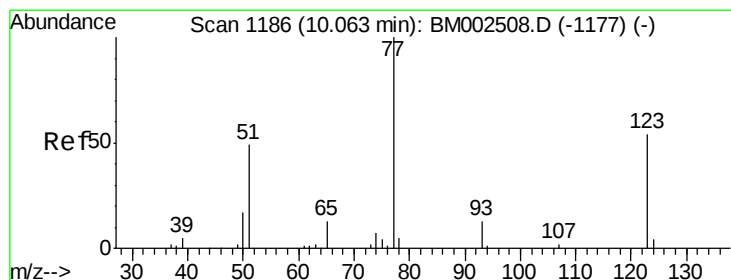
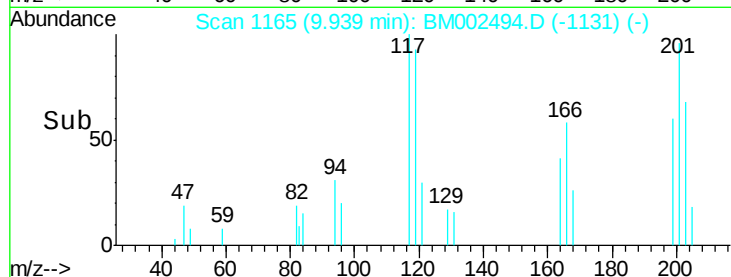
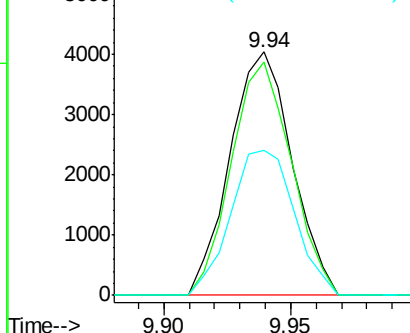
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   | 6896 |       |       |
| 201     | 95.6  | 71.5 | 107.3 |       |
| 199     | 59.7  | 44.9 | 67.3  |       |

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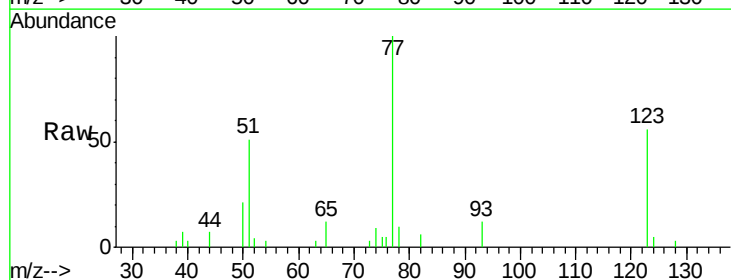


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

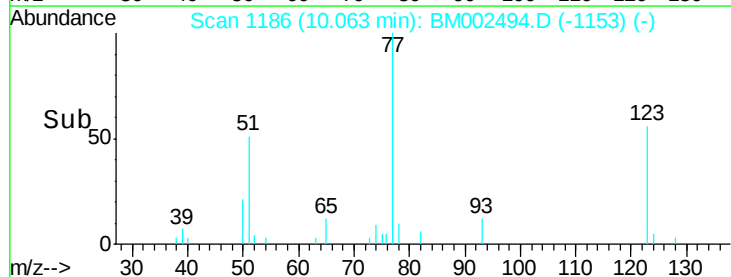
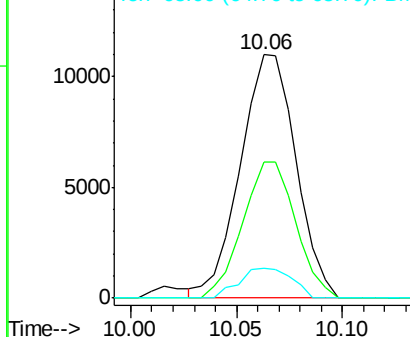


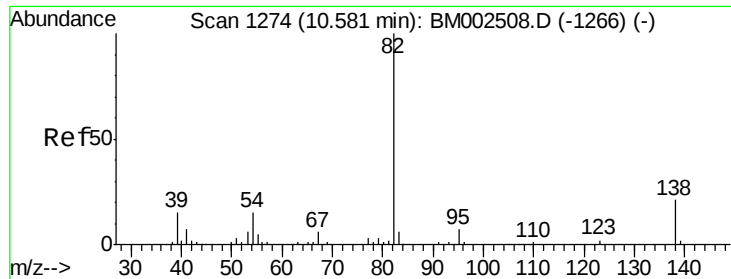
#20  
Nitrobenzene  
Concen: 2.28 ng/ul  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 20094 |       |       |
| 123     | 56.1  | 37.0  | 55.6# |       |
| 65      | 12.2  | 11.0  | 16.6  |       |



Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0





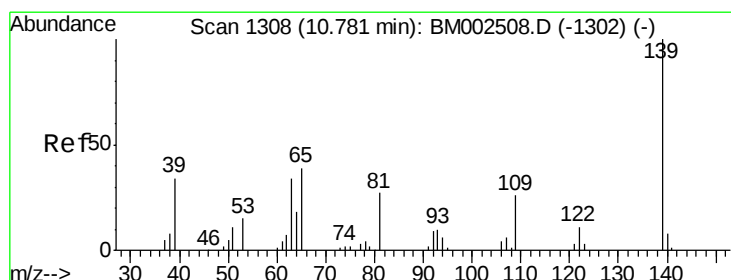
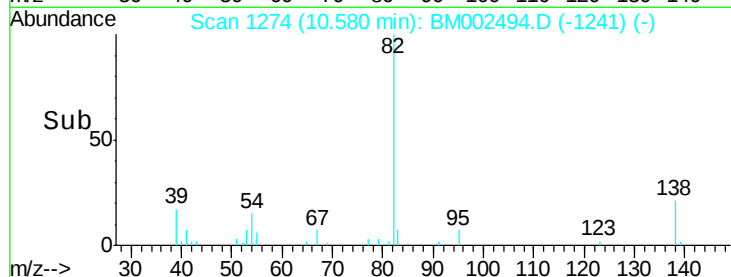
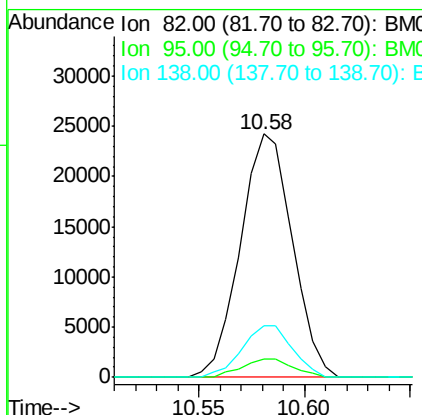
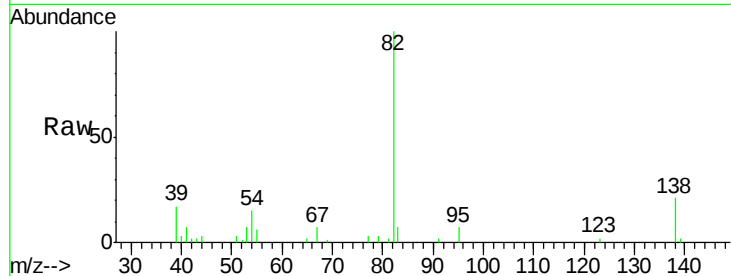
#21  
Isophorone  
Concen: 2.35 ng/ul  
RT: 10.58 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 41335 |       |       |
| 95      | 7.4   | 5.9   | 8.9   |       |
| 138     | 21.3  | 15.0  | 22.4  |       |

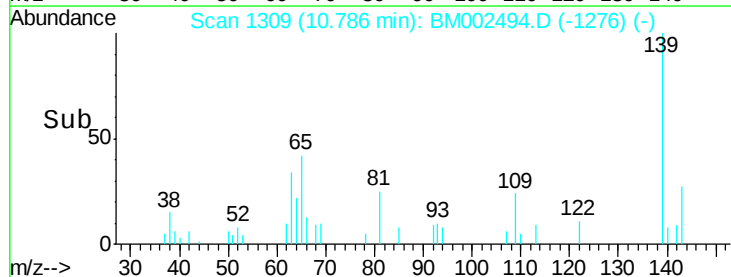
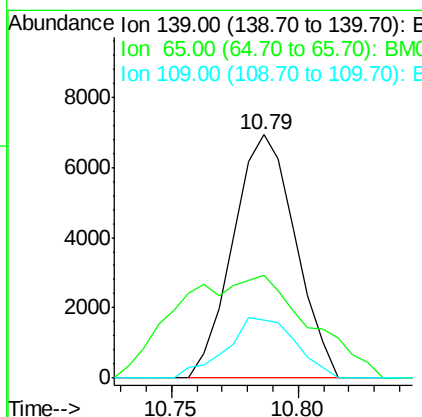
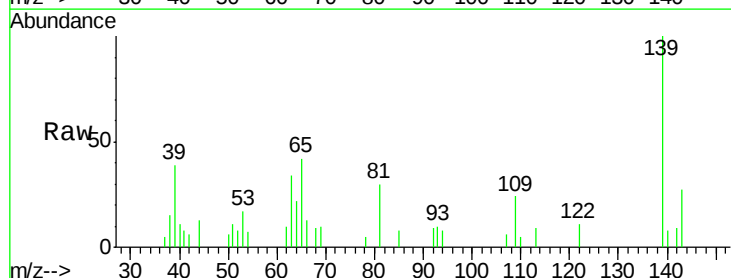
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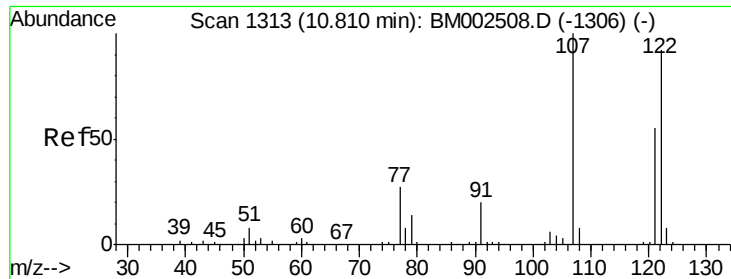
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#23  
2-Nitrophenol  
Concen: 3.11 ng/ul  
RT: 10.79 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 11866 |       |       |
| 65      | 42.5  | 43.0  | 64.6# |       |
| 109     | 24.0  | 23.8  | 35.8  |       |





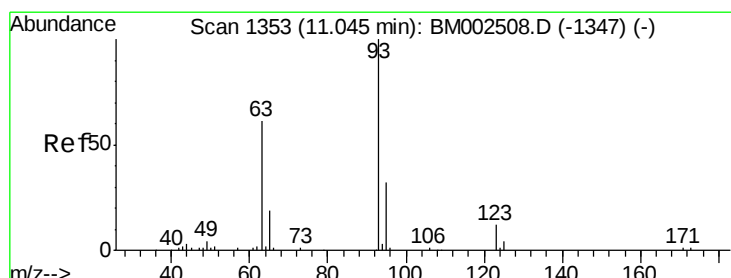
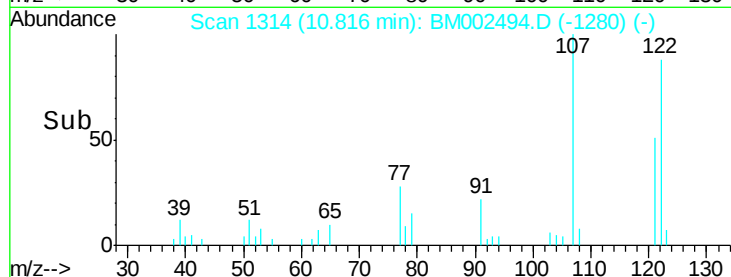
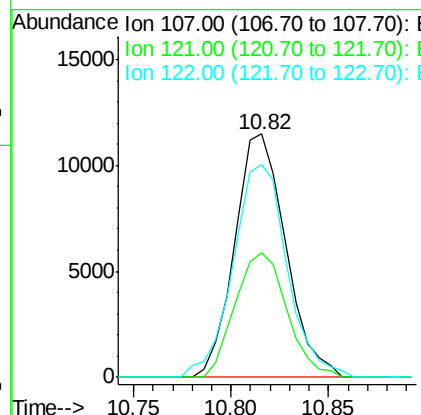
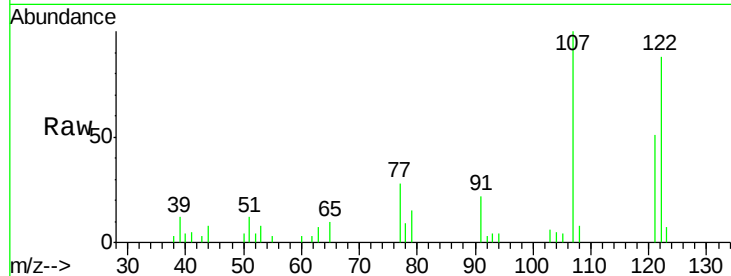
#24  
 2,4-Dimethylphenol  
 Concen: 2.22 ng/ul  
 RT: 10.82 min Scan# 1314  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 20827 |       |       |
| 121     | 51.2  | 41.8  | 62.6  |       |
| 122     | 87.6  | 71.2  | 106.8 |       |

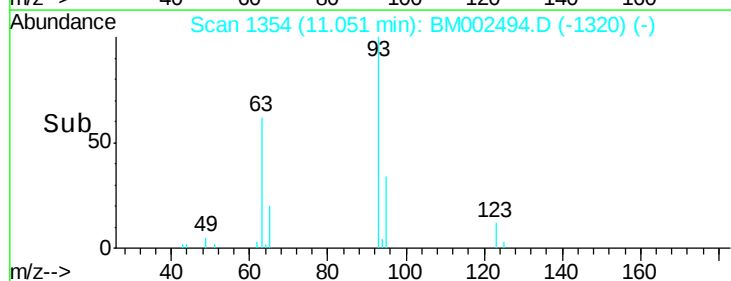
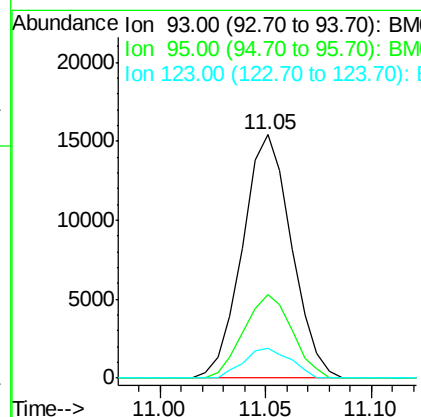
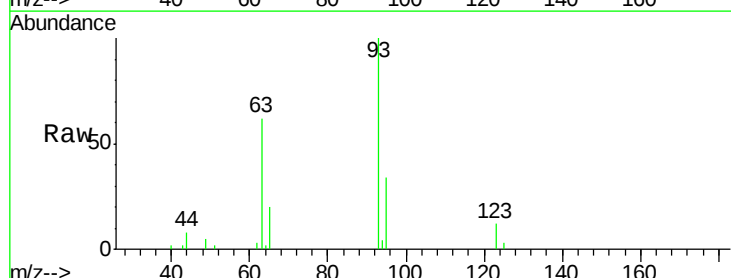
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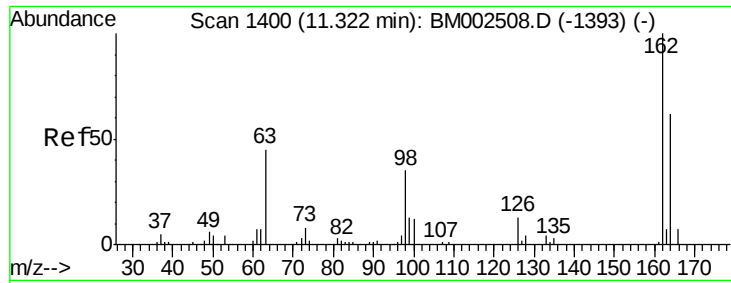
MMDadoda  
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#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 2.29 ng/ul  
 RT: 11.05 min Scan# 1354  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 24842 |       |       |
| 95      | 34.3  | 25.8  | 38.8  |       |
| 123     | 12.3  | 9.3   | 13.9  |       |





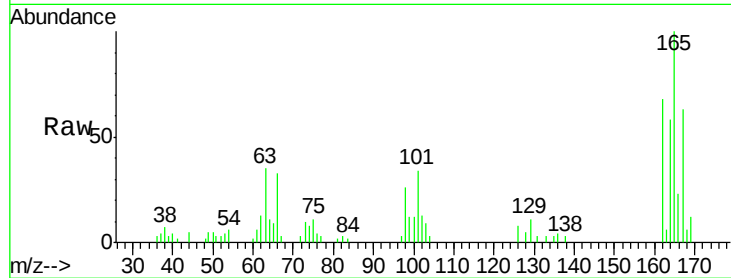
#27  
 2,4-Dichlorophenol  
 Concen: 2.56 ng/ul  
 RT: 11.32 min Scan# 1400  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

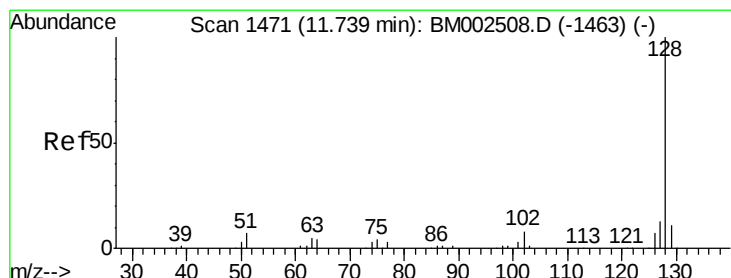
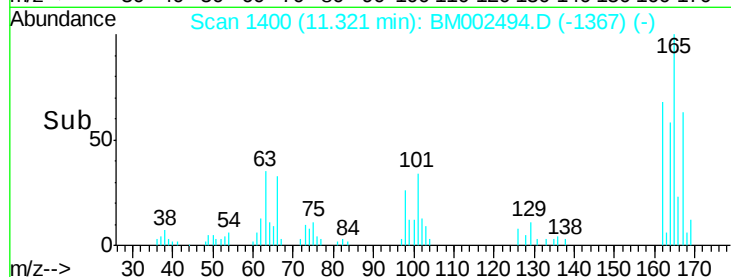
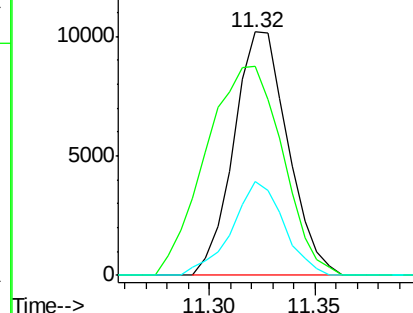
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 18067 |       |       |
| 164     | 85.8  | 52.9  | 79.3# |       |
| 98      | 38.7  | 31.4  | 47.0  |       |

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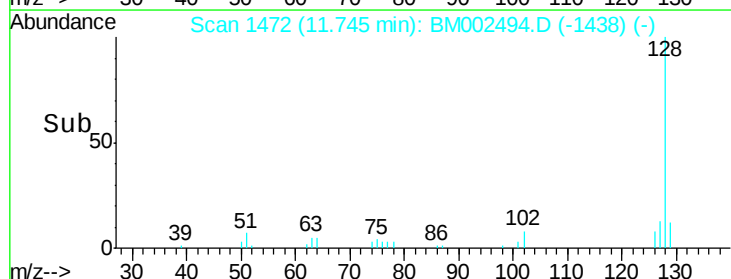
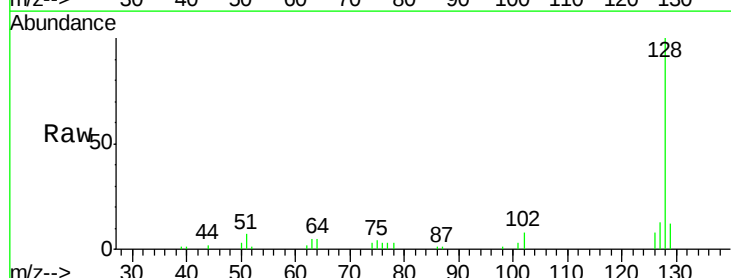
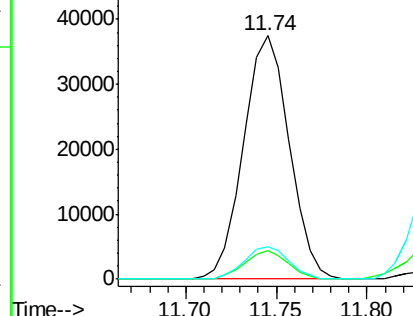
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BM

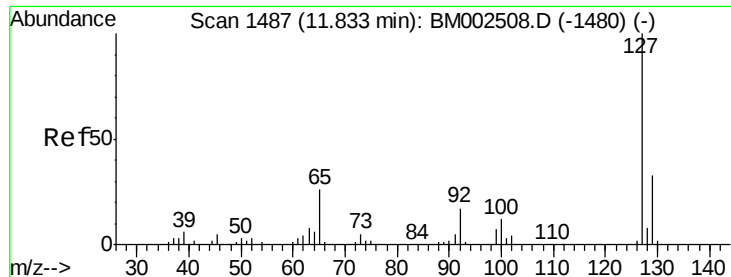


#28  
 Naphthalene  
 Concen: 2.47 ng/ul  
 RT: 11.74 min Scan# 1472  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 65743 |       |       |
| 129     | 11.8  | 8.6   | 12.8  |       |
| 127     | 13.1  | 10.4  | 15.6  |       |

Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 3.24 ng/ul

RT: 11.84 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

ClientSampleId :

MDL-03-W

Tgt Ion:127 Resp: 31407

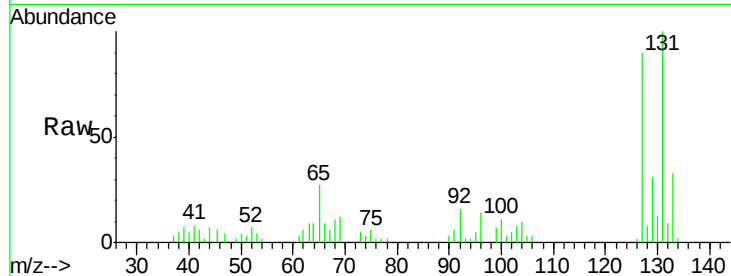
Ion Ratio Lower Upper

127 100

129 34.3 26.6 39.8

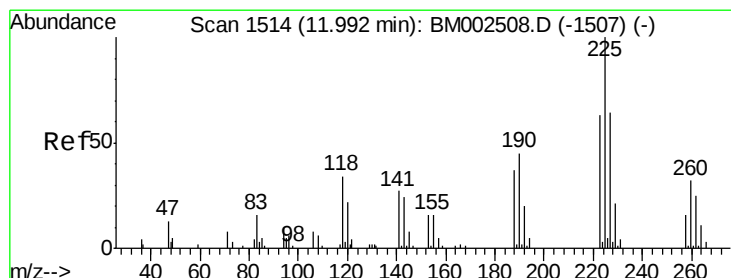
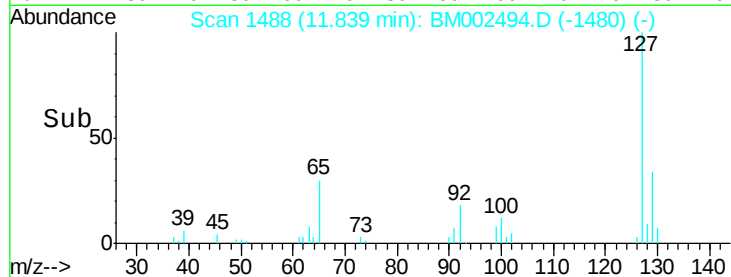
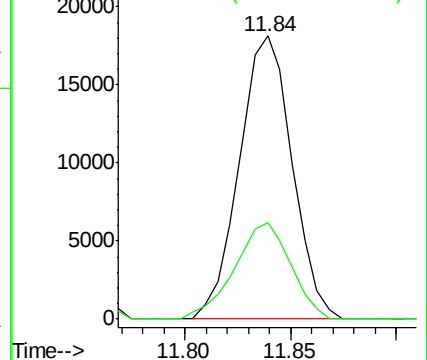
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 2.52 ng/ul

RT: 11.99 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

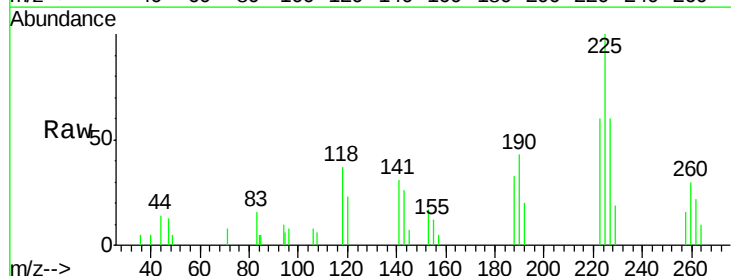
Tgt Ion:225 Resp: 10298

Ion Ratio Lower Upper

225 100

223 59.5 51.0 76.4

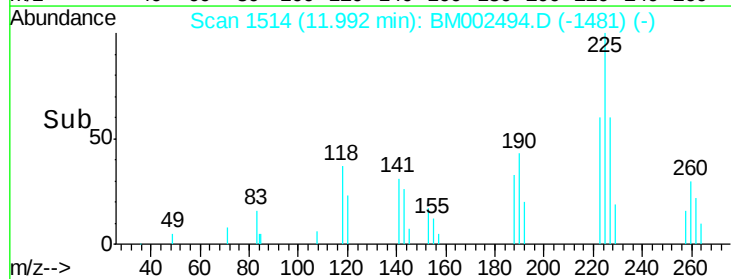
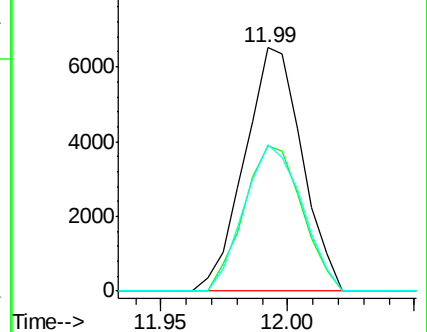
227 60.1 52.1 78.1

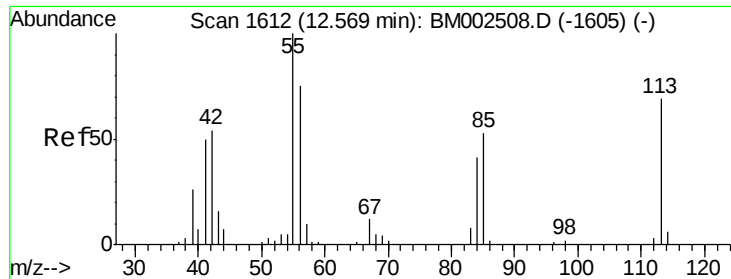


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.41 ng/ul m

RT: 12.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BM002494.D

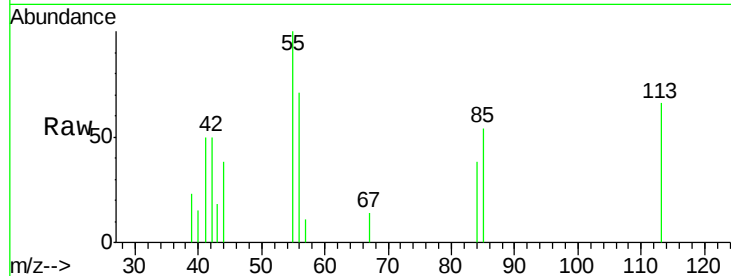
Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

ClientSampleId :

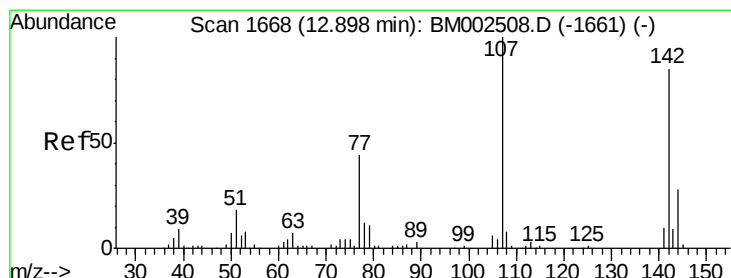
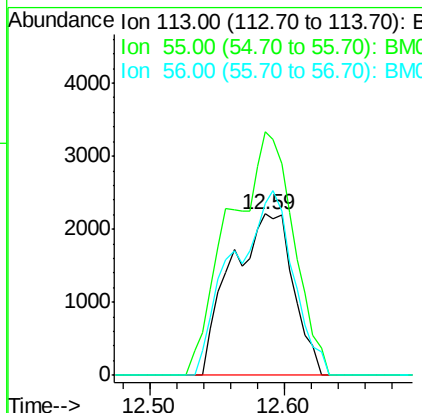
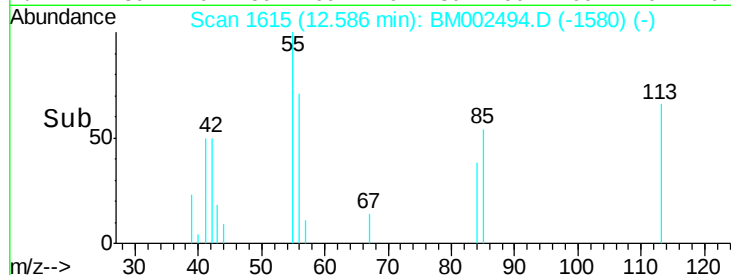
MDL-03-W



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 7043   |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 150.8 | 152.5 | 228.7# |
| 56       | 106.7 | 111.4 | 167.0# |

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#33

4-Chloro-3-methylphenol

Concen: 2.36 ng/ul

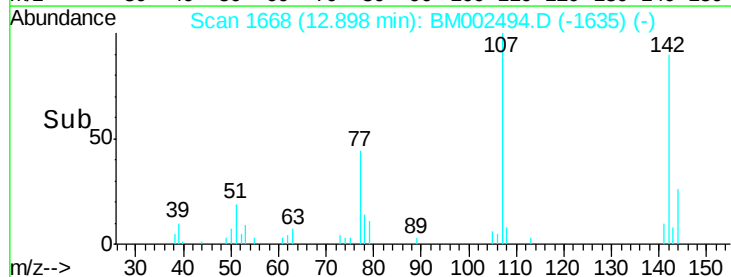
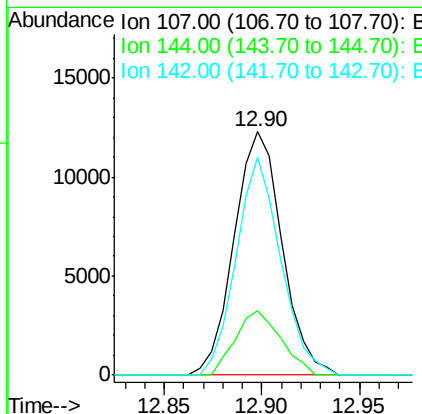
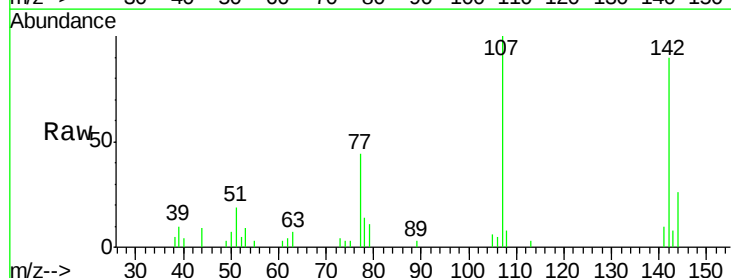
RT: 12.90 min Scan# 1668

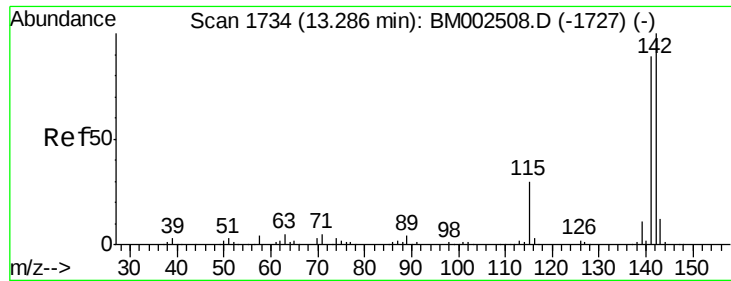
Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 20931 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 26.2  | 20.3  | 30.5  |
| 142      | 89.6  | 63.1  | 94.7  |





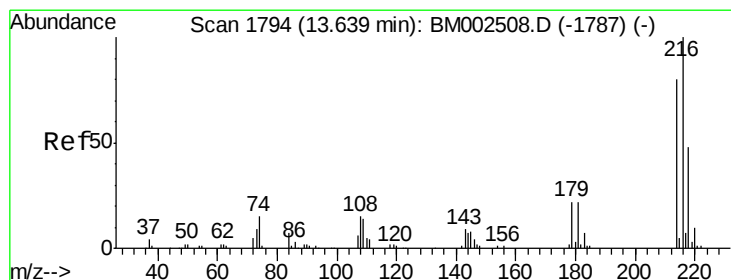
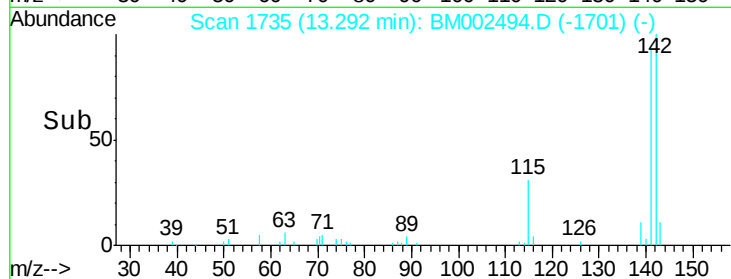
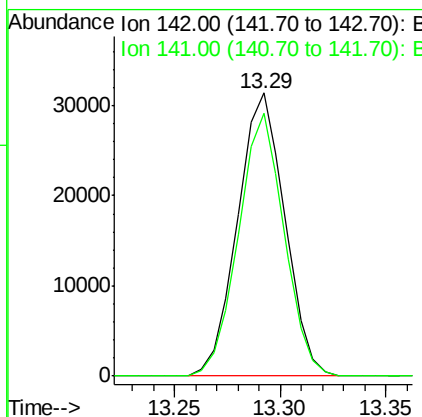
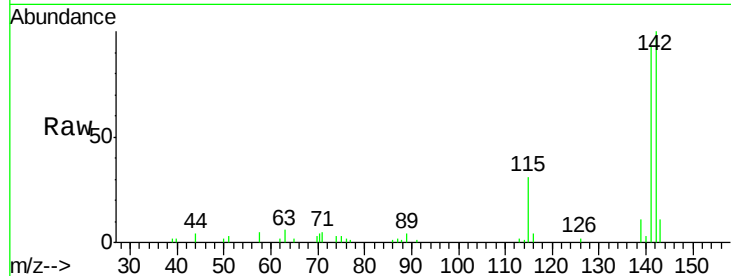
#34  
 2-Methylnaphthalene  
 Concen: 2.56 ng/ul  
 RT: 13.29 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

Tgt Ion:142 Resp: 48749  
 Ion Ratio Lower Upper  
 142 100  
 141 92.9 72.5 108.7

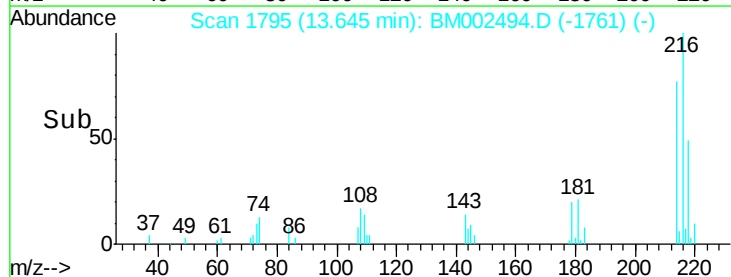
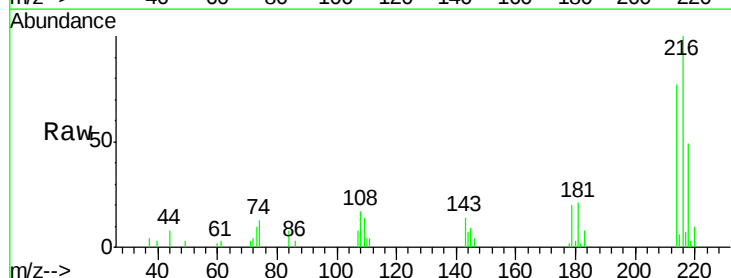
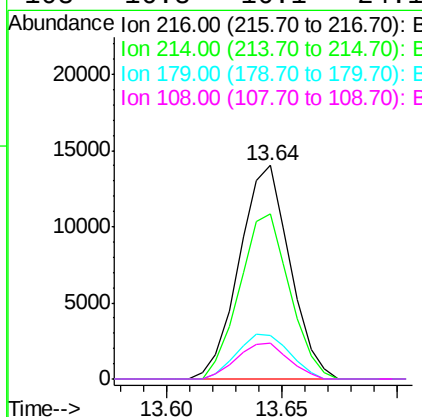
Manual Integrations  
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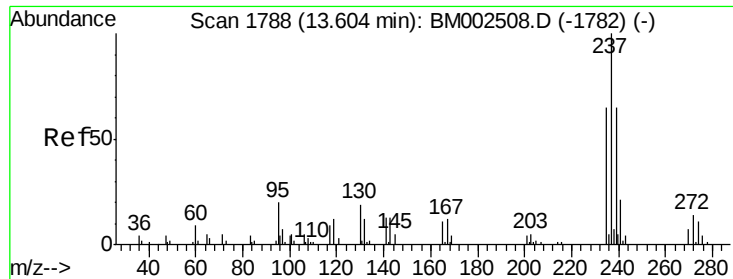
MMDadoda  
 8/20/2015 3:35:45 PM



#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.54 ng/ul  
 RT: 13.64 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Tgt Ion:216 Resp: 21344  
 Ion Ratio Lower Upper  
 216 100  
 214 77.1 63.1 94.7  
 179 20.3 18.9 28.3  
 108 16.8 16.1 24.1





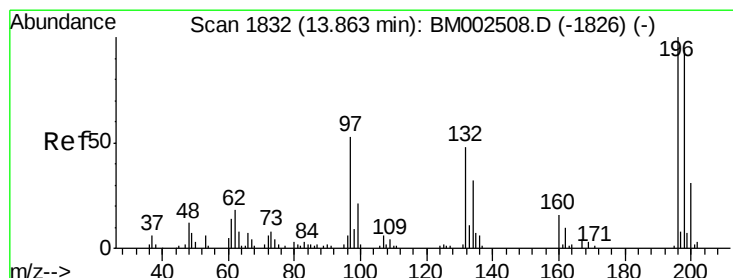
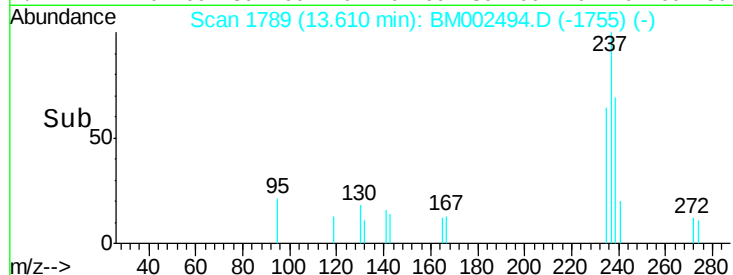
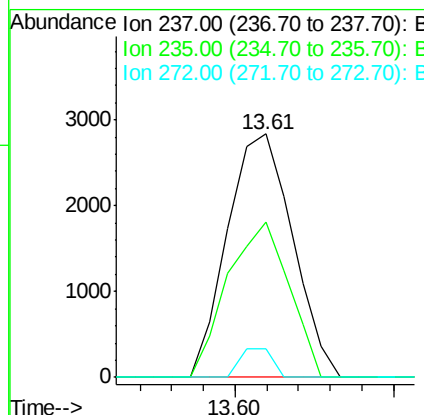
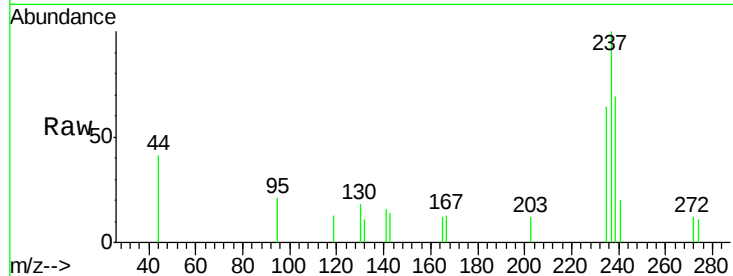
#38  
Hexachlorocyclopentadiene  
Concen: 0.81 ng/ul  
RT: 13.61 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.0  | 51.0  | 76.6  |
| 272     | 11.9  | 10.8  | 16.2  |

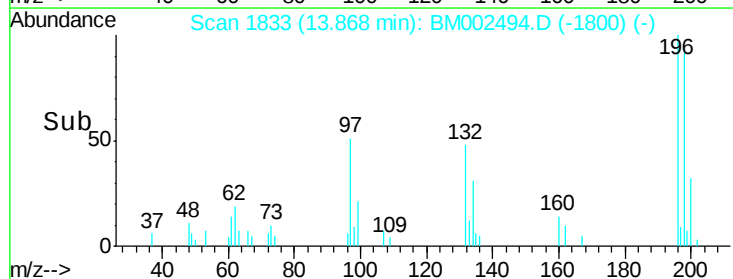
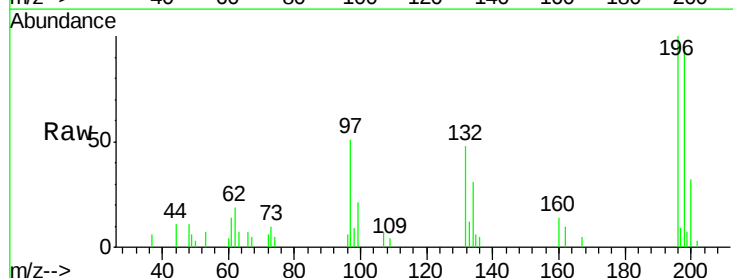
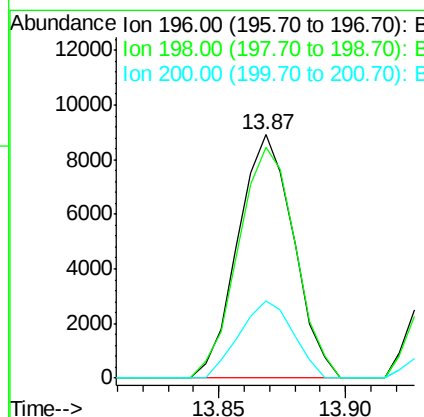
Manual Integrations  
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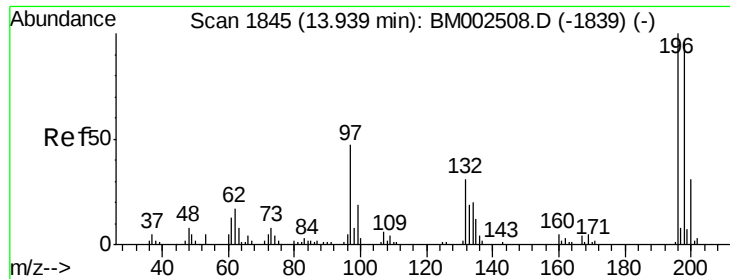
MMDadoda  
8/20/2015 3:35:45 PM



#39  
2,4,6-Trichlorophenol  
Concen: 2.60 ng/ul  
RT: 13.87 min Scan# 1833  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 77.1  | 115.7 |
| 200     | 31.7  | 24.8  | 37.2  |





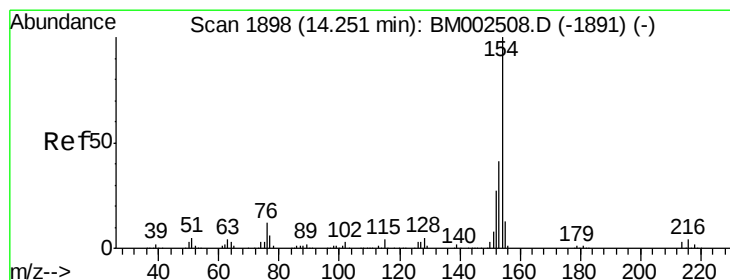
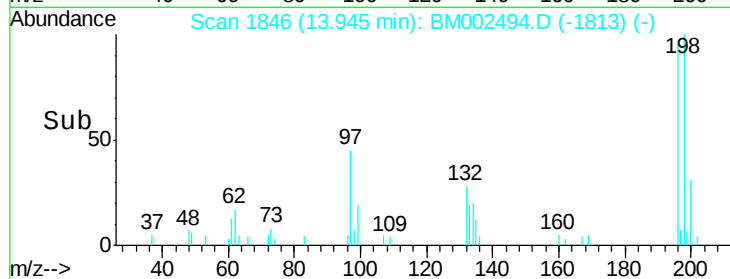
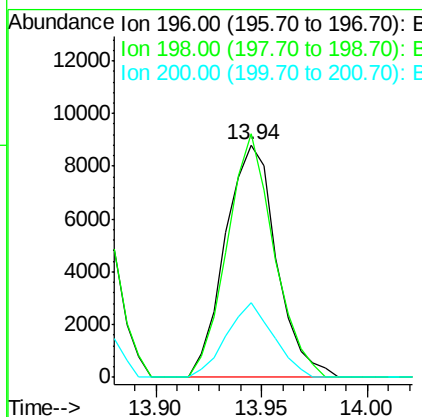
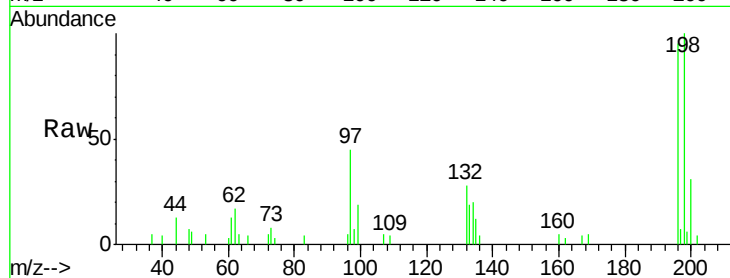
#40  
 2,4,5-Trichlorophenol  
 Concen: 2.52 ng/ul  
 RT: 13.94 min Scan# 1846  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 14794 |       |       |
| 198     | 104.8 | 78.6  | 117.8 |       |
| 200     | 32.1  | 25.0  | 37.4  |       |

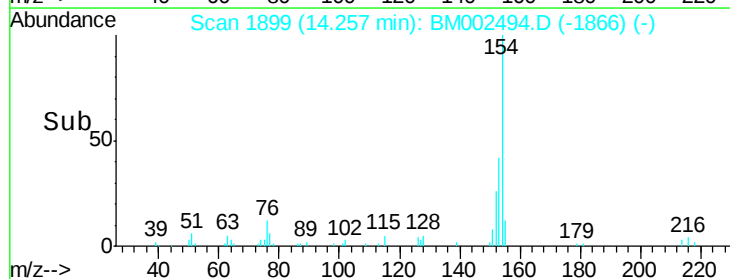
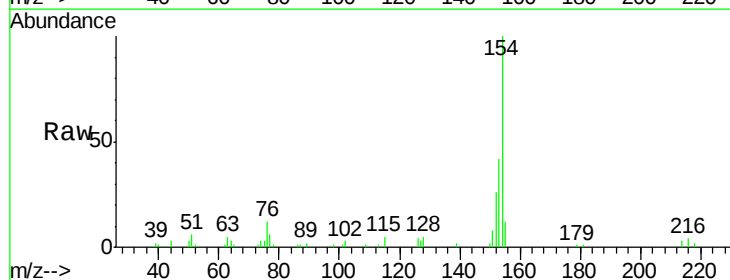
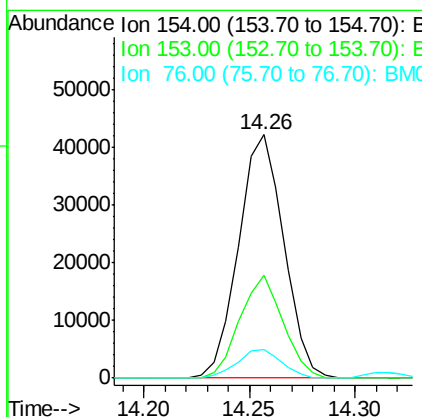
Manual Integrations  
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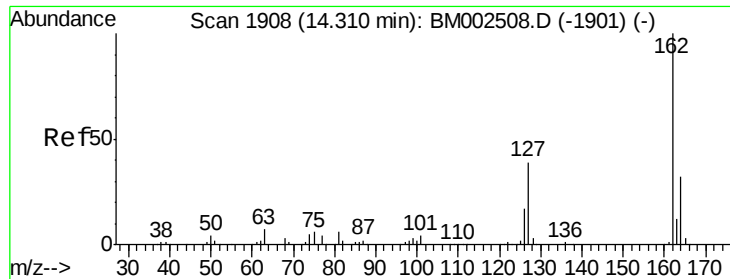
MMDadoda  
 8/20/2015 3:35:45 PM



#41  
 1,1'-Biphenyl  
 Concen: 2.53 ng/ul  
 RT: 14.26 min Scan# 1899  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 62597 |       |       |
| 153     | 42.5  | 32.1  | 48.1  |       |
| 76      | 12.0  | 11.0  | 16.4  |       |





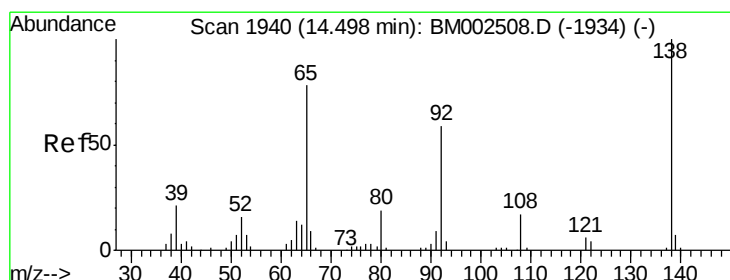
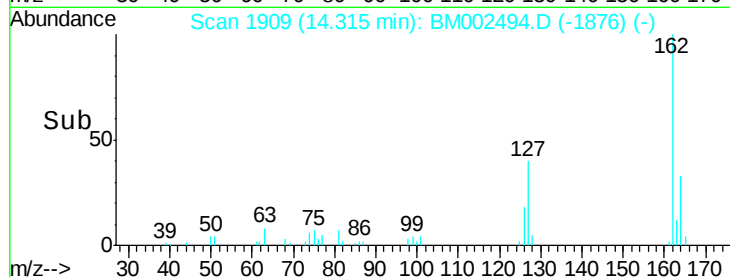
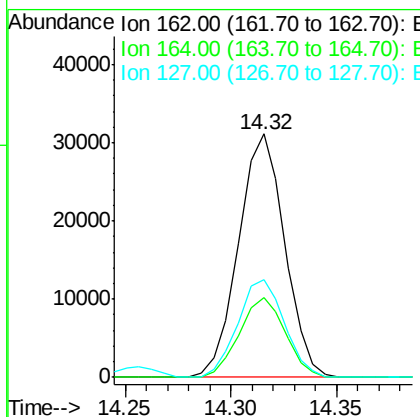
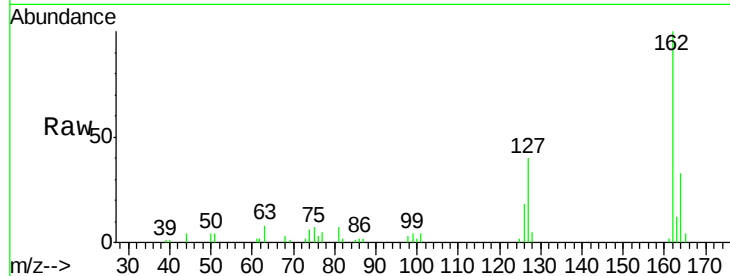
#42  
 2-Chloronaphthalene  
 Concen: 2.50 ng/ul  
 RT: 14.32 min Scan# 1909  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.7  | 26.7  | 40.1  |
| 127     | 40.0  | 33.6  | 50.4  |

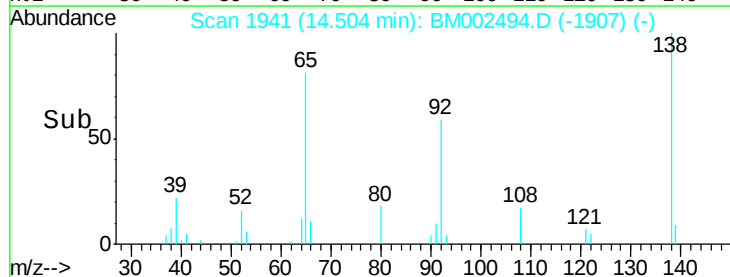
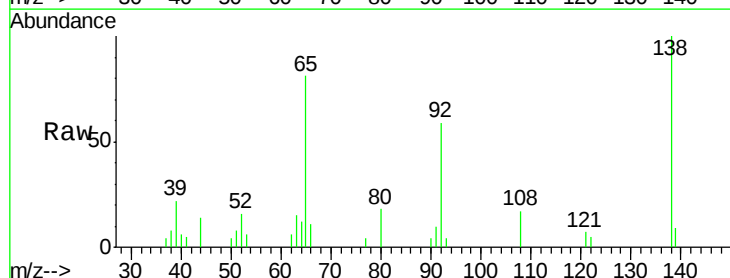
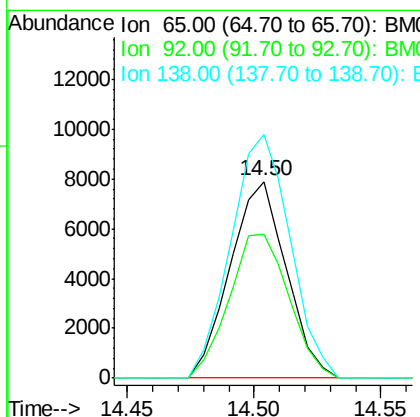
Manual Integrations  
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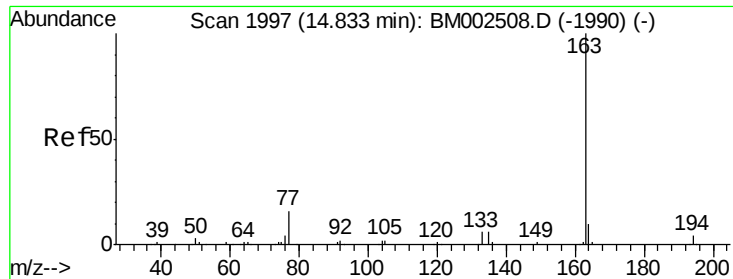
MMDadoda  
 8/20/2015 3:35:45 PM



#43  
 2-Nitroaniline  
 Concen: 2.13 ng/ul  
 RT: 14.50 min Scan# 1941  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.2  | 54.0  | 81.0  |
| 138     | 123.8 | 83.1  | 124.7 |





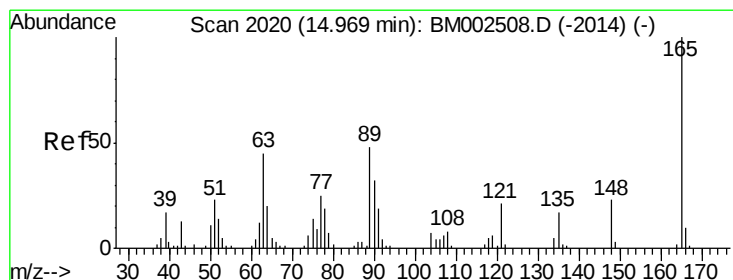
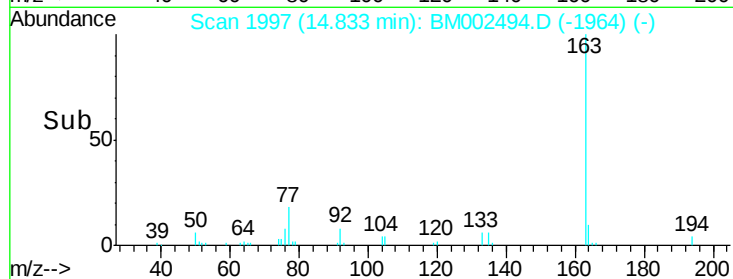
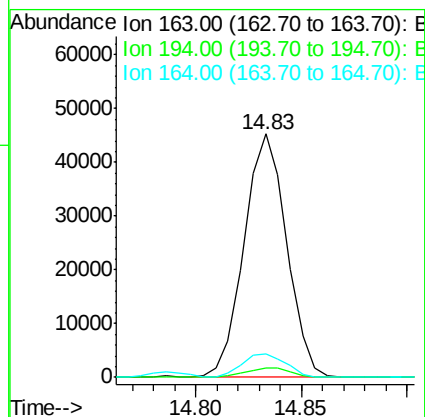
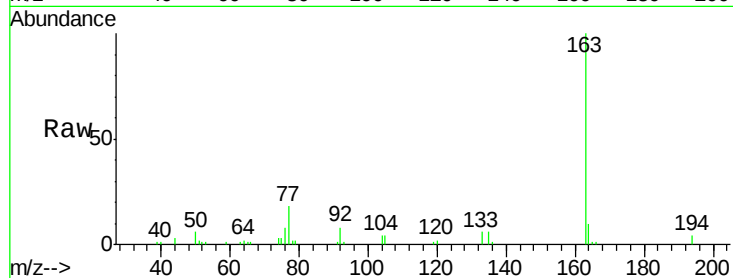
#45  
Dimethylphthalate  
Concen: 2.57 ng/ul  
RT: 14.83 min Scan# 1997  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 63321 |       |       |
| 194     | 3.9   |       | 3.2   | 4.8   |
| 164     | 9.9   |       | 7.9   | 11.9  |

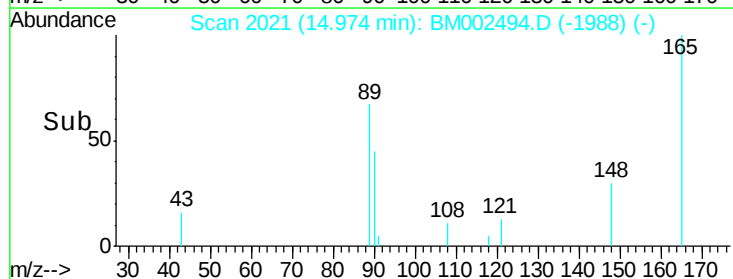
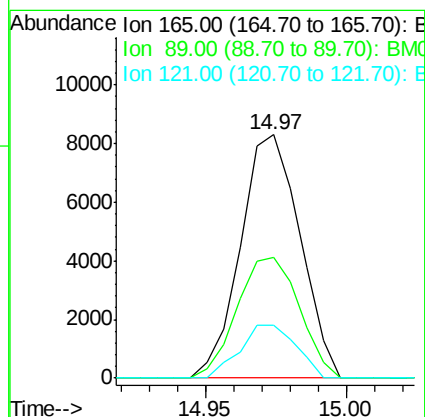
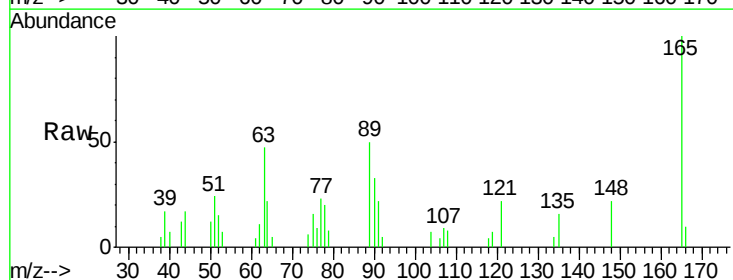
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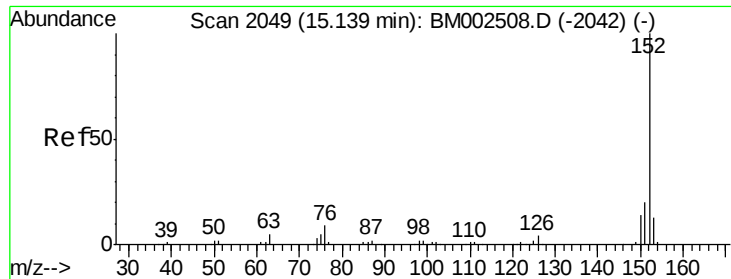
MMDadoda  
8/20/2015 3:35:45 PM



#46  
2,6-Dinitrotoluene  
Concen: 2.63 ng/ul  
RT: 14.97 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 12131 |       |       |
| 89      | 49.5  |       | 46.6  | 69.8  |
| 121     | 21.9  |       | 19.0  | 28.4  |





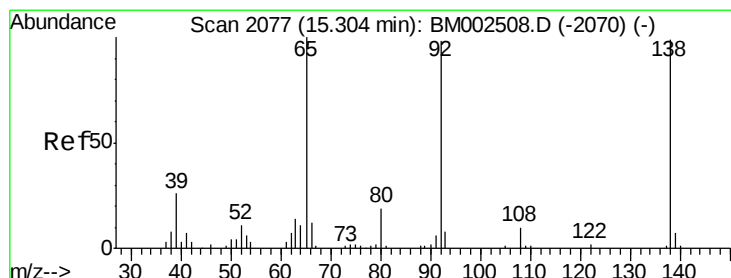
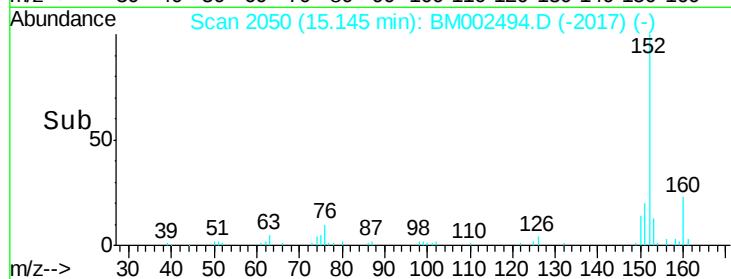
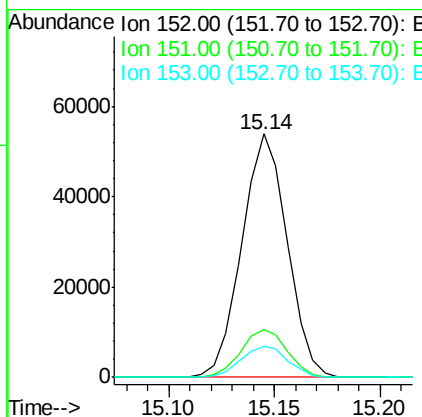
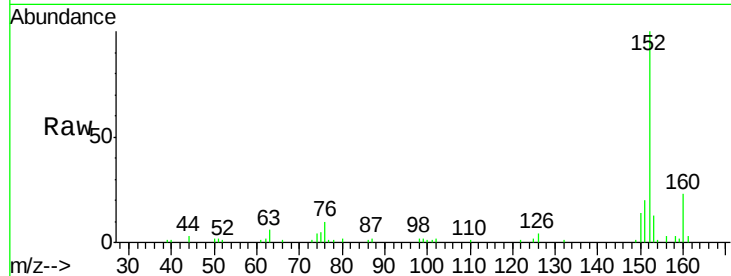
#48  
Acenaphthylene  
Concen: 2.55 ng/ul  
RT: 15.14 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 152     | 100   | 80261 |       |       |
| 151     | 19.8  |       | 15.9  | 23.9  |
| 153     | 12.7  |       | 10.6  | 15.8  |

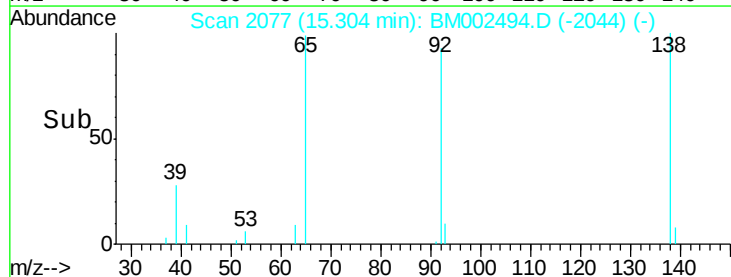
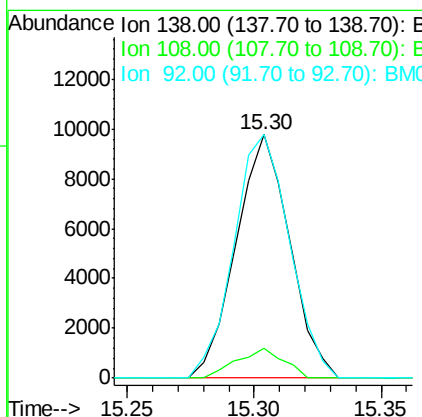
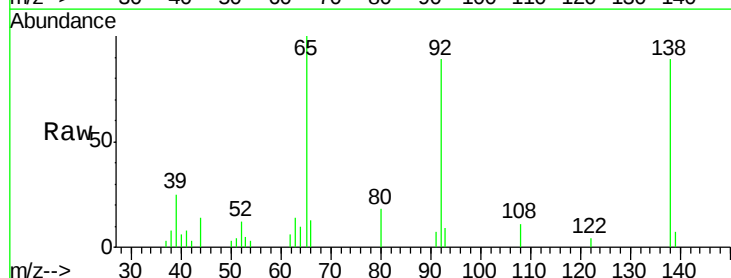
Manual Integrations  
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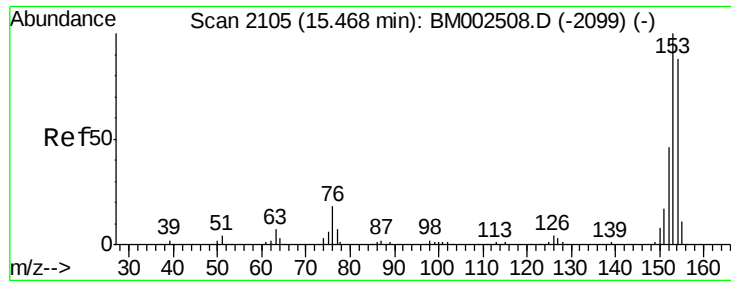
MMDadoda  
8/20/2015 3:35:45 PM



#49  
3-Nitroaniline  
Concen: 2.89 ng/ul  
RT: 15.30 min Scan# 2077  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 14415 |       |       |
| 108     | 12.5  |       | 11.7  | 17.5  |
| 92      | 100.1 |       | 94.3  | 141.5 |





#50

Acenaphthene

Concen: 2.51 ng/ul

RT: 15.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BM002494.D

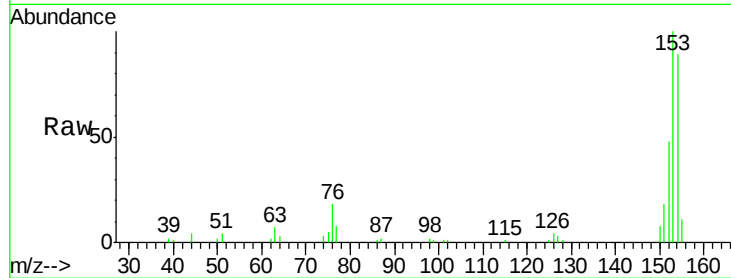
Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

ClientSampleId :

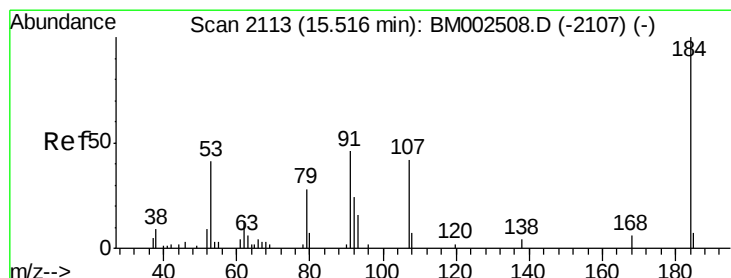
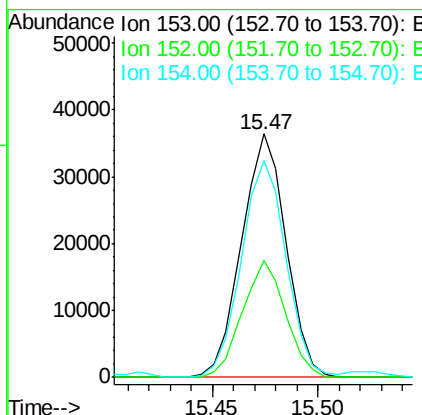
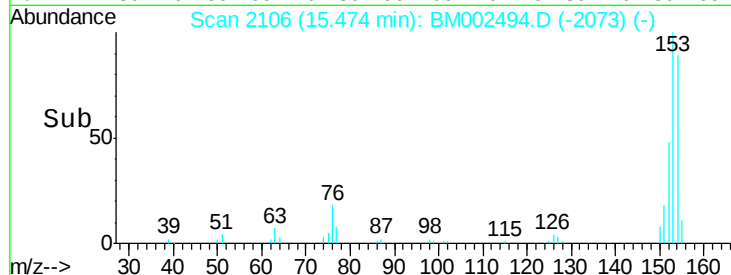
MDL-03-W



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 153   | Resp: | 53101 |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 48.1  | 36.6  | 55.0  |
| 154       | 88.8  | 71.5  | 107.3 |

Manual Integrations  
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MMDadoda  
8/20/2015 3:35:45 PM



#51

2,4-Dinitrophenol

Concen: 1.39 ng/ul

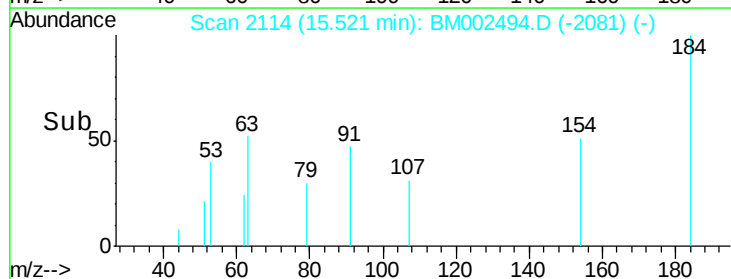
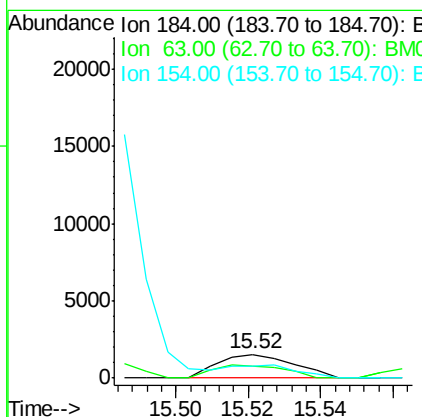
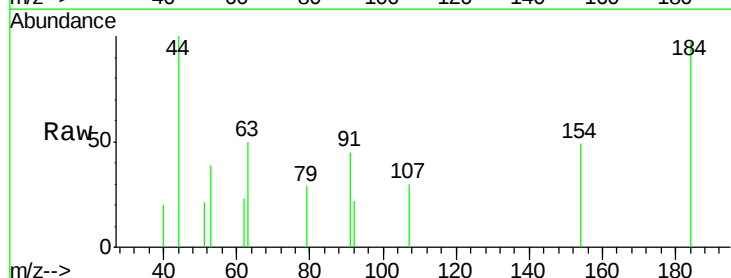
RT: 15.52 min Scan# 2114

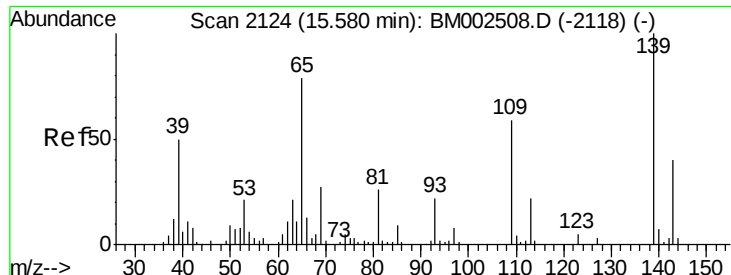
Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 2203   |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 63        | 51.8  | 94.8  | 142.2# |
| 154       | 50.6  | 525.6 | 788.4# |





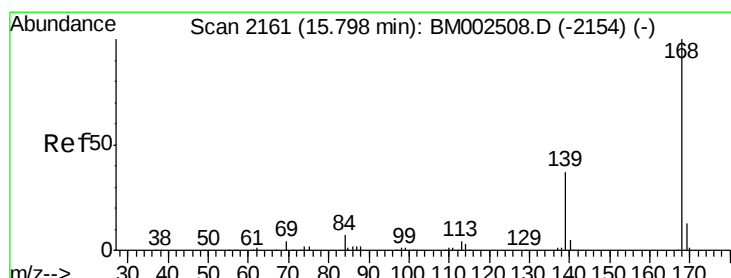
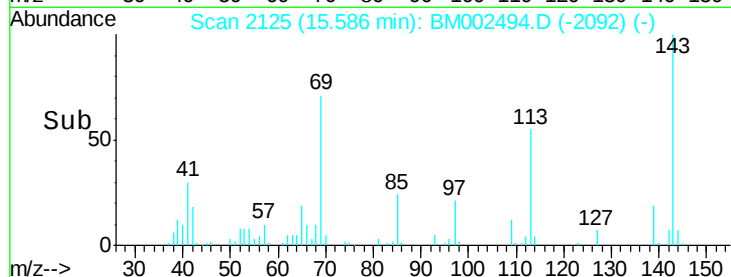
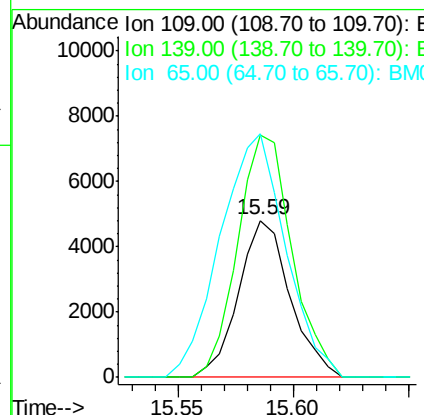
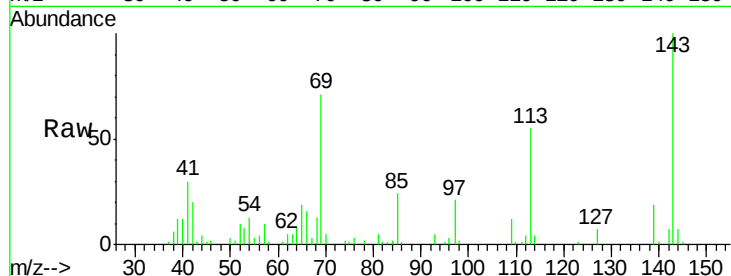
#53  
4-Nitrophenol  
Concen: 2.35 ng/ul  
RT: 15.59 min Scan# 2125  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 109     | 100   | 7504  |       |       |
| 139     | 154.5 | 118.7 | 178.1 |       |
| 65      | 155.1 | 116.6 | 174.8 |       |

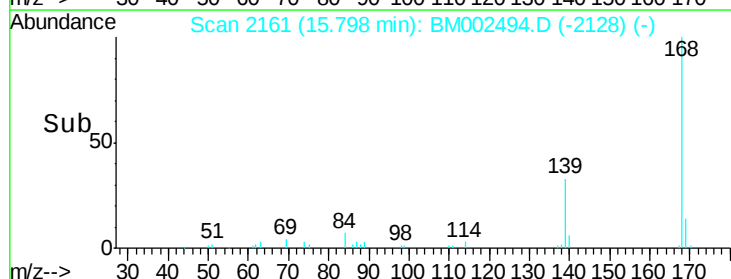
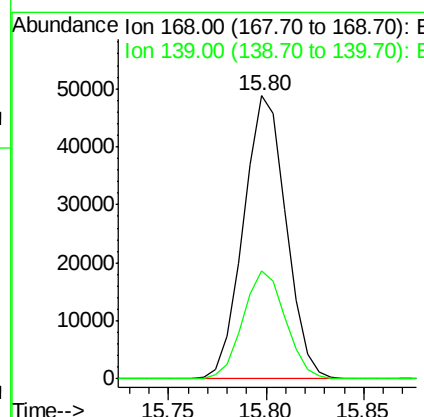
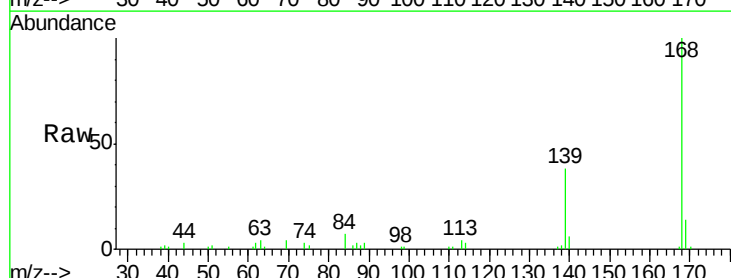
Manual Integrations  
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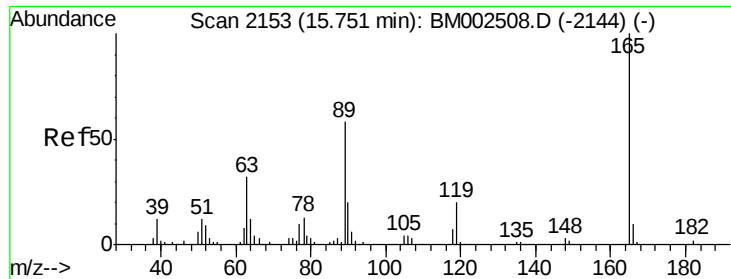
MMDadoda  
8/20/2015 3:35:45 PM



#54  
Dibenzofuran  
Concen: 2.61 ng/ul  
RT: 15.80 min Scan# 2161  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 168     | 100   | 73871 |       |       |
| 139     | 38.0  | 31.3  | 46.9  |       |





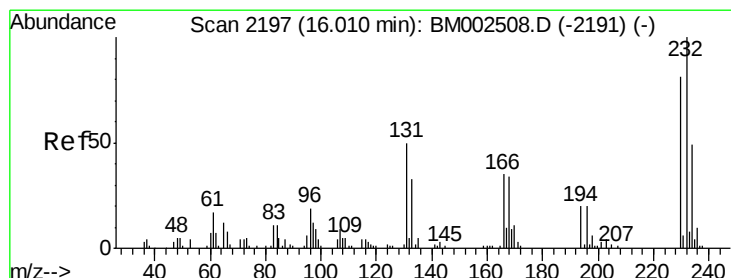
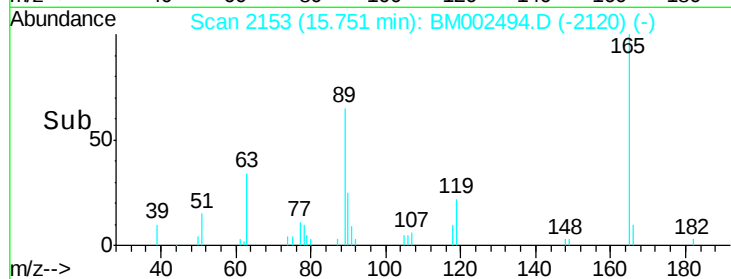
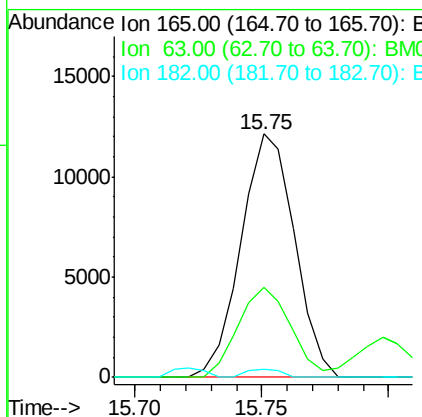
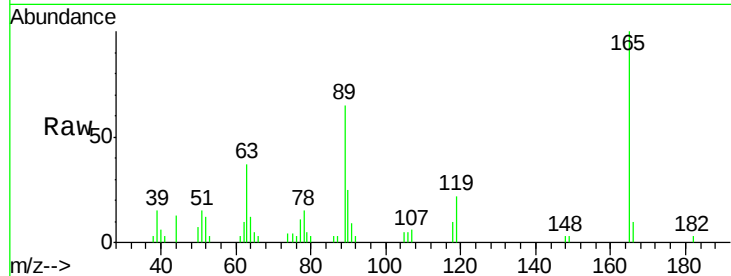
#55  
 2,4-Dinitrotoluene  
 Concen: 2.74 ng/ul  
 RT: 15.75 min Scan# 2153  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 17884 |       |       |
| 63      | 37.2  | 35.9  | 53.9  |       |
| 182     | 3.1   | 2.5   | 3.7   |       |

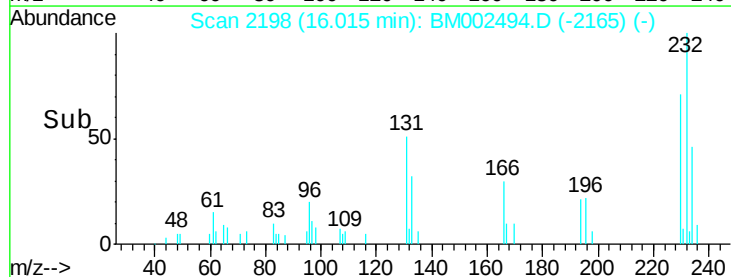
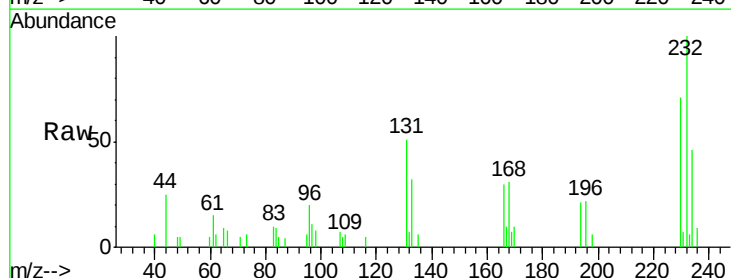
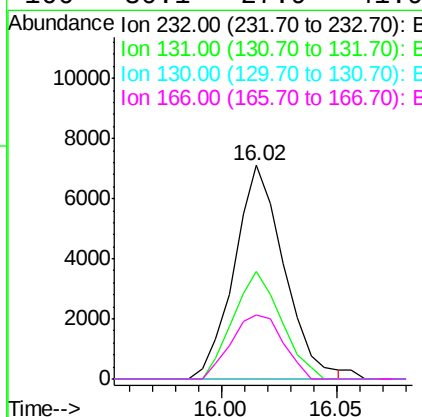
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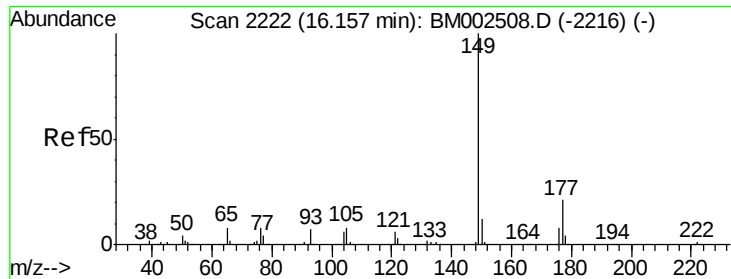
MMDadoda  
 8/20/2015 3:35:45 PM



#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.39 ng/ul  
 RT: 16.02 min Scan# 2198  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 10694 |       |       |
| 131     | 50.6  | 42.2  | 63.4  |       |
| 130     | 0.0   | 2.2   | 3.4#  |       |
| 166     | 30.1  | 27.9  | 41.9  |       |





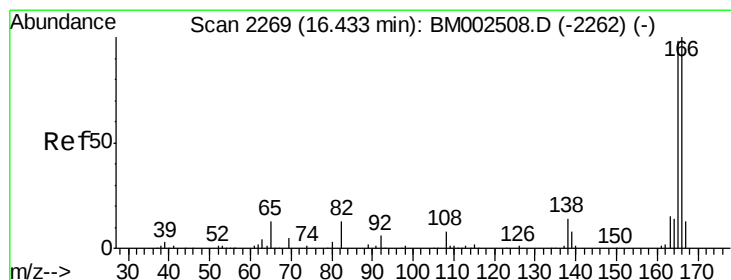
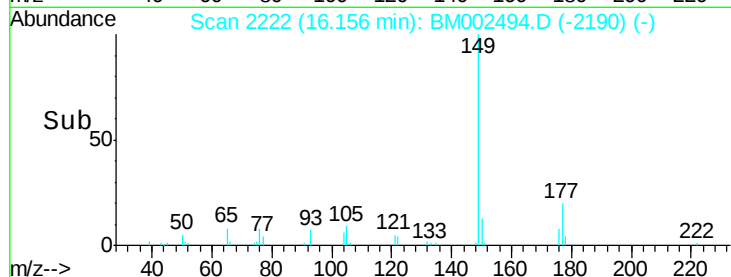
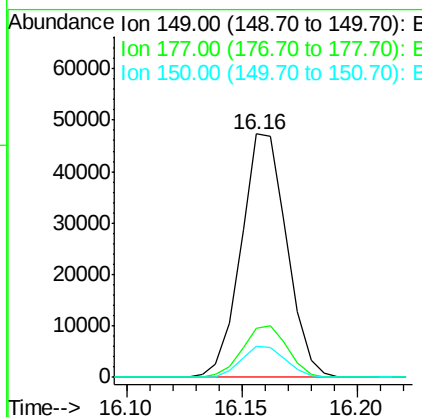
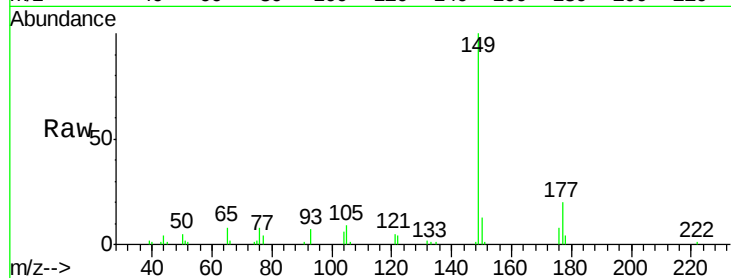
#57  
Diethylphthalate  
Concen: 2.48 ng/ul  
RT: 16.16 min Scan# 2222  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 20.4  | 16.7       | 25.1       |
| 150     | 12.8  | 9.9        | 14.9       |

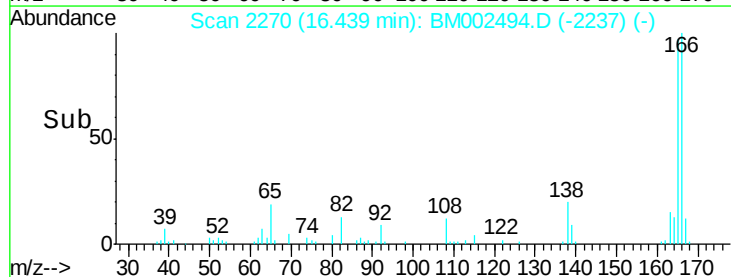
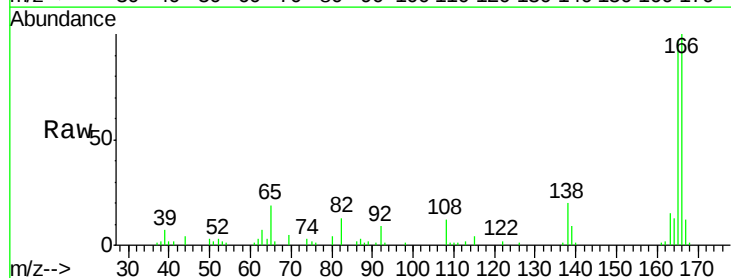
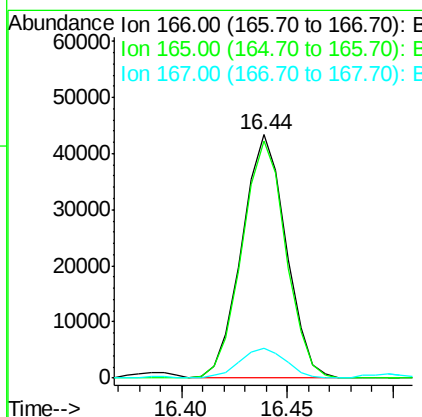
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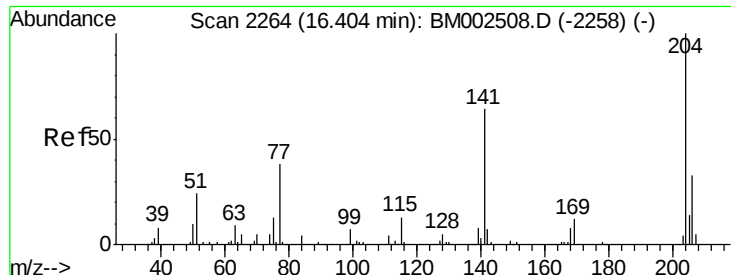
MMDadoda  
8/20/2015 3:35:45 PM



#59  
Fluorene  
Concen: 2.64 ng/ul  
RT: 16.44 min Scan# 2270  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 97.2  | 77.5       | 116.3      |
| 167     | 12.3  | 10.4       | 15.6       |





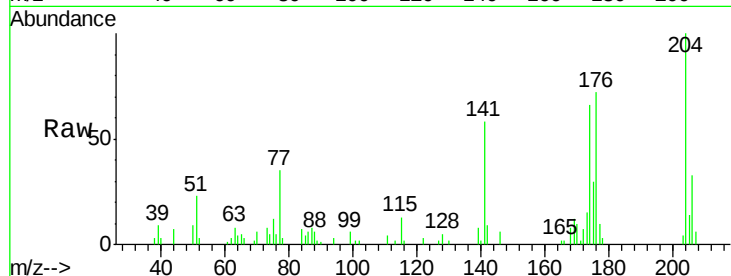
#60  
 4-Chlorophenyl-phenylether  
 Concen: 2.64 ng/ul  
 RT: 16.41 min Scan# 2265  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

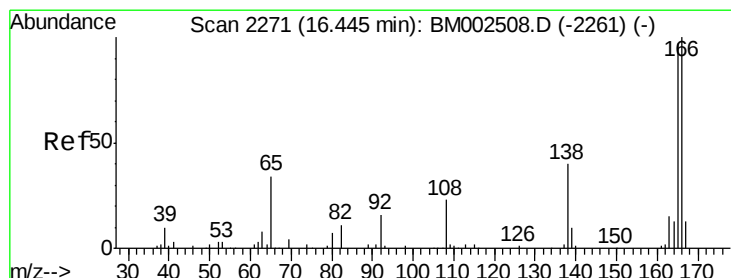
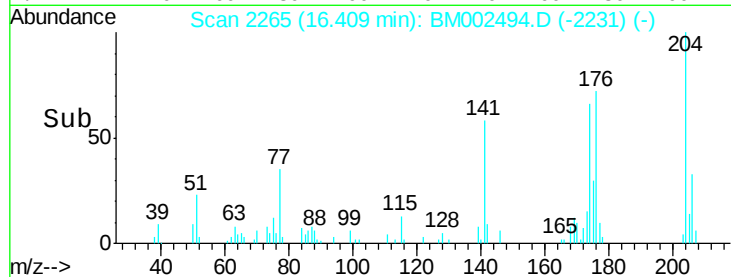
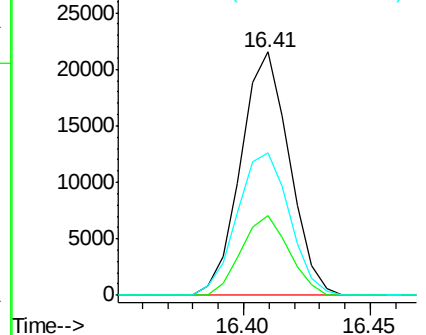
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 28825 |       |       |
| 206     | 32.9  | 26.0  | 39.0  |       |
| 141     | 58.5  | 53.7  | 80.5  |       |

Manual Integrations  
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 8/20/2015 3:35:45 PM

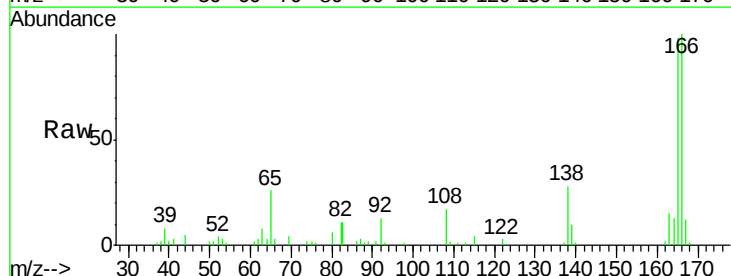


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

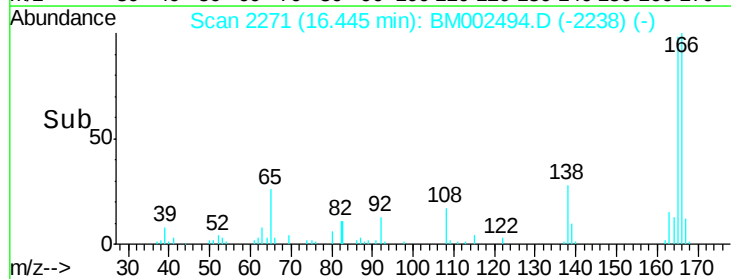
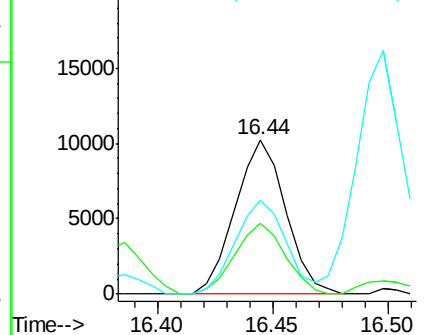


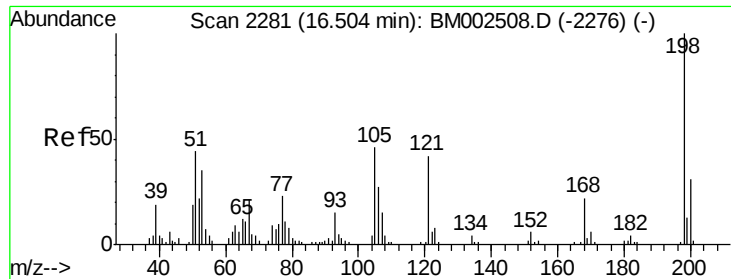
#61  
 4-Nitroaniline  
 Concen: 2.71 ng/ul  
 RT: 16.44 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 15645 |       |       |
| 92      | 45.7  | 40.4  | 60.6  |       |
| 108     | 60.4  | 56.2  | 84.2  |       |



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





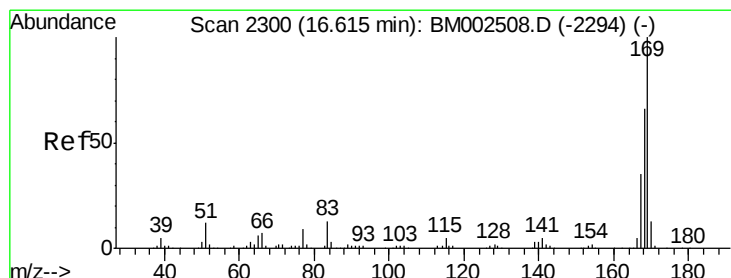
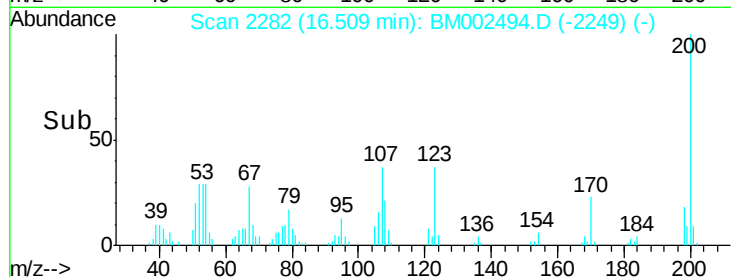
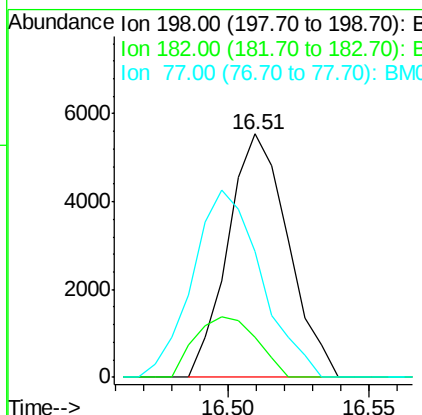
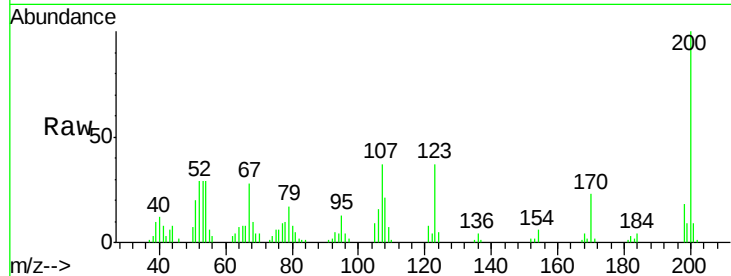
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 2.89 ng/ul  
 RT: 16.51 min Scan# 2282  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 8206 |       |       |
| 182     | 16.3  | 3.7  | 5.5#  |       |
| 77      | 51.6  | 24.2 | 36.4# |       |

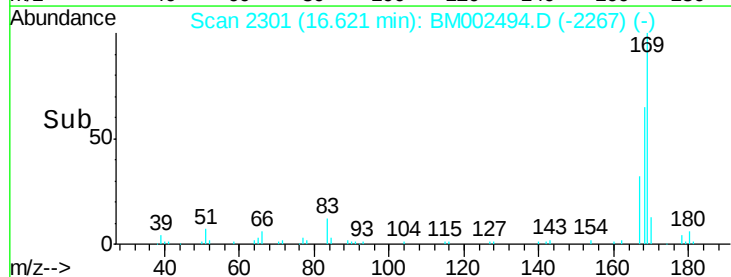
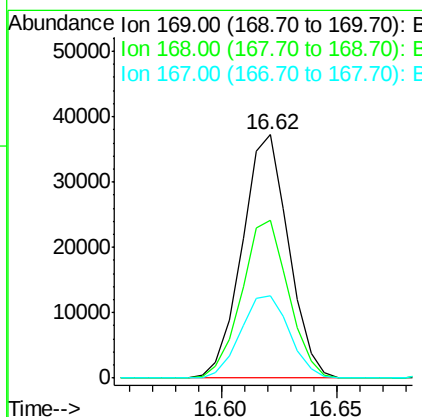
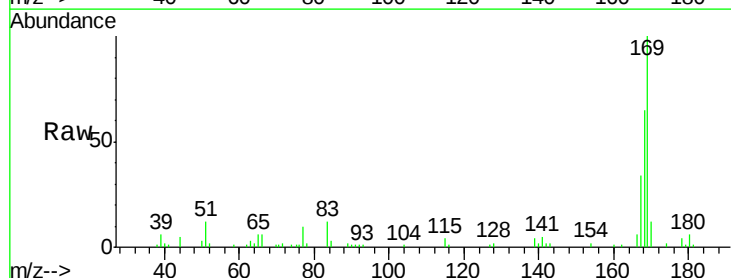
Manual Integrations  
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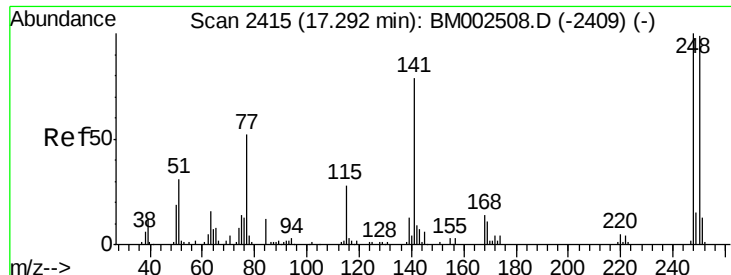
MMDadoda  
 8/20/2015 3:35:45 PM



#65  
 N-Nitrosodiphenylamine  
 Concen: 2.48 ng/ul  
 RT: 16.62 min Scan# 2301  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 52178 |       |       |
| 168     | 64.9  | 53.4  | 80.2  |       |
| 167     | 33.8  | 28.8  | 43.2  |       |





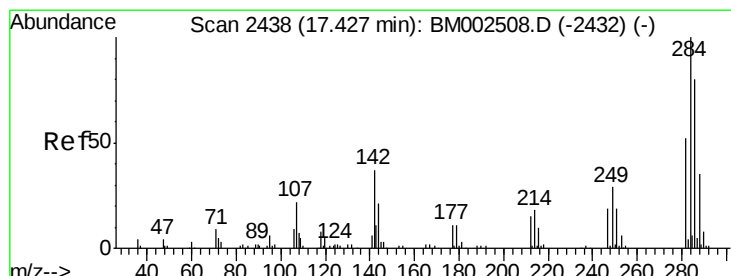
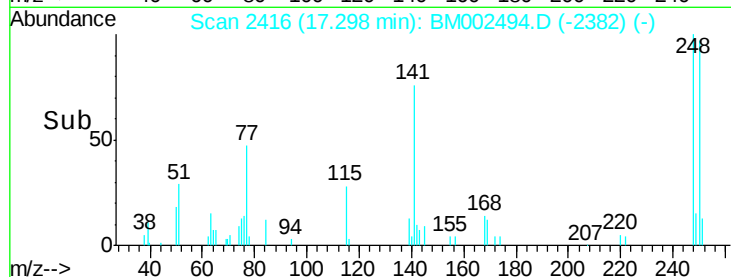
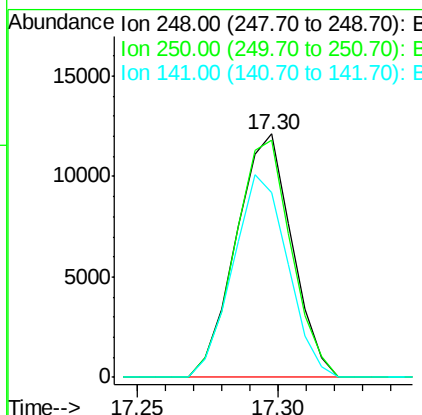
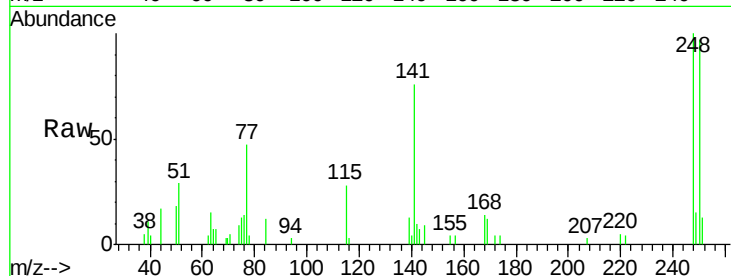
#66  
4-Bromophenyl-phenylether  
Concen: 2.48 ng/ul  
RT: 17.30 min Scan# 2416  
Delta R.T. -0.00 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.4  | 78.5  | 117.7 |
| 141     | 75.9  | 66.2  | 99.4  |

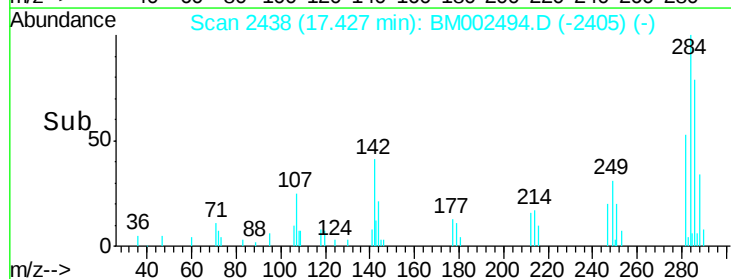
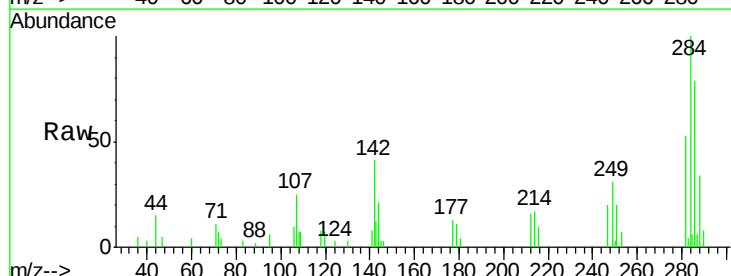
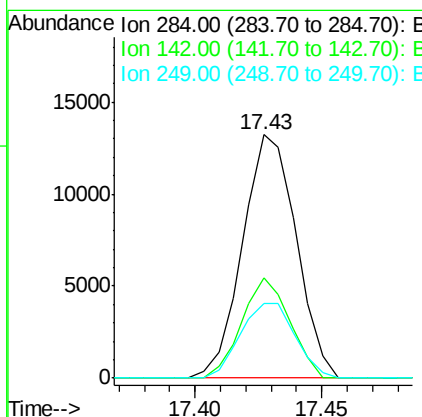
Manual Integrations  
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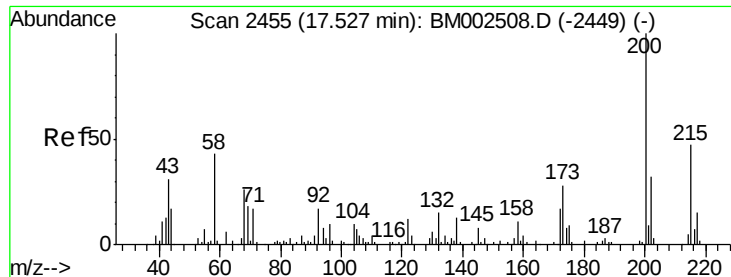
MMDadoda  
8/20/2015 3:35:45 PM



#67  
Hexachlorobenzene  
Concen: 2.55 ng/ul  
RT: 17.43 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 41.2  | 30.2  | 45.4  |
| 249     | 30.9  | 24.6  | 36.8  |





#68

Atrazine

Concen: 1.39 ng/ul

RT: 17.53 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

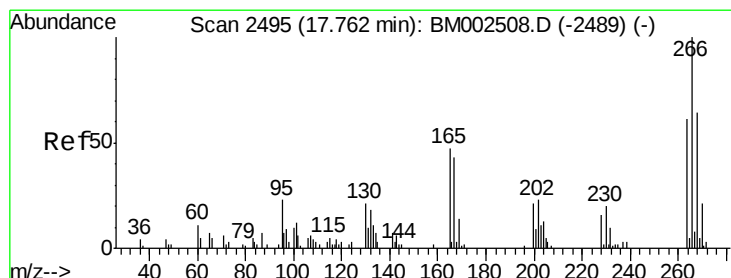
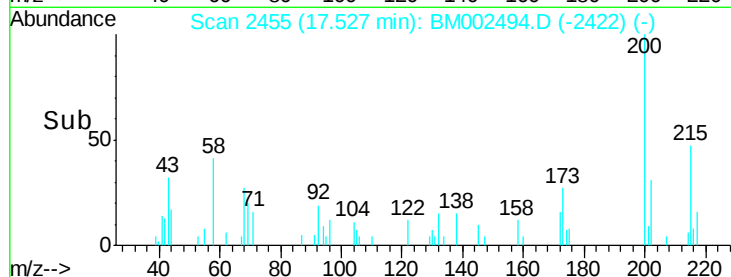
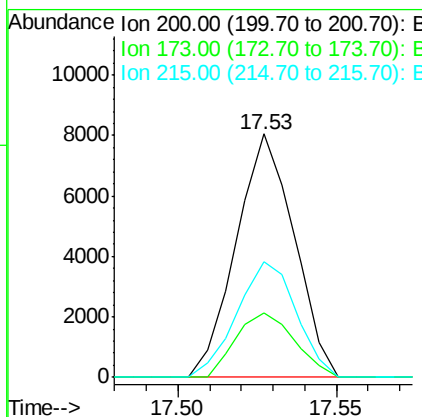
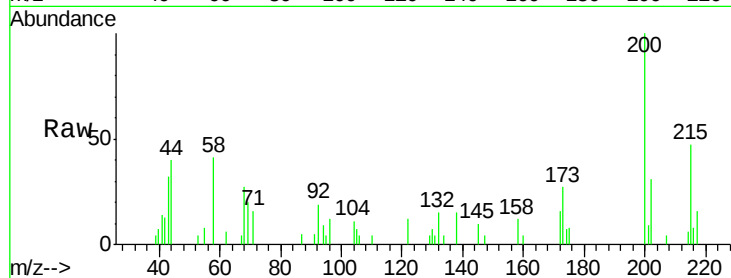
ClientSampled :

MDL-03-W

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 10212 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 26.5  | 22.4  | 33.6  |
| 215       | 47.3  | 38.5  | 57.7  |

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8/20/2015 3:35:45 PM



#69

Pentachlorophenol

Concen: 1.02 ng/ul

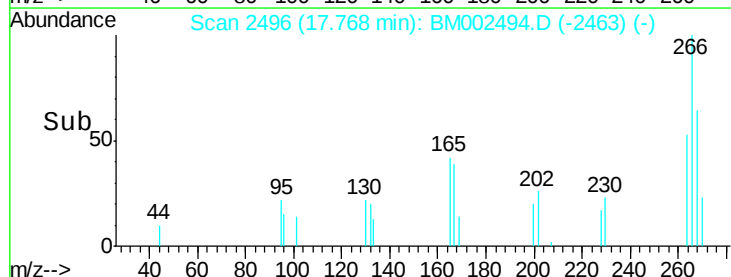
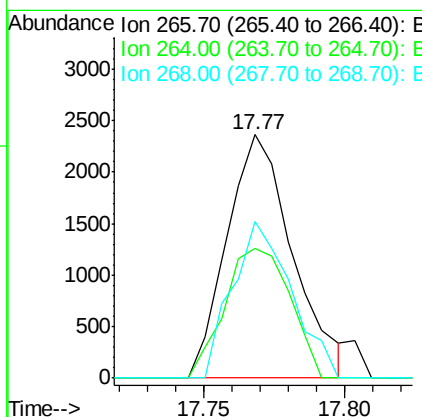
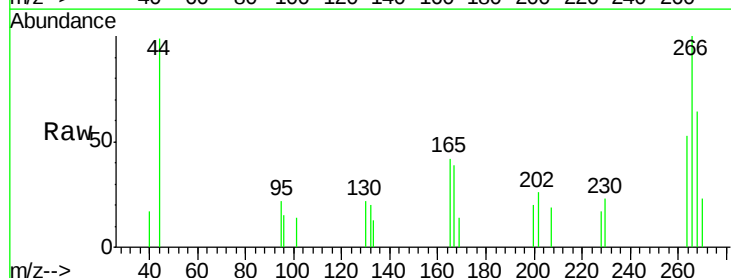
RT: 17.77 min Scan# 2496

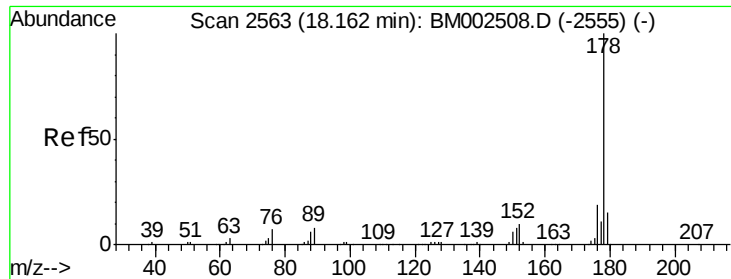
Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 3821 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 53.2  | 50.3  | 75.5 |
| 268       | 64.3  | 51.0  | 76.4 |





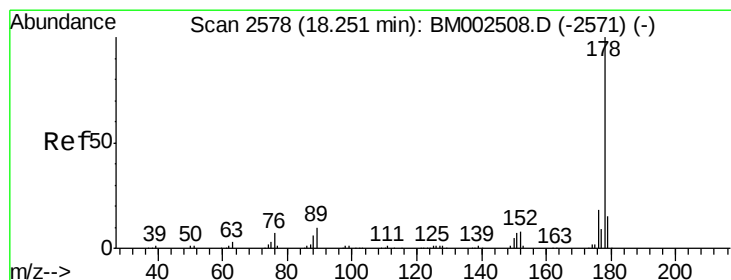
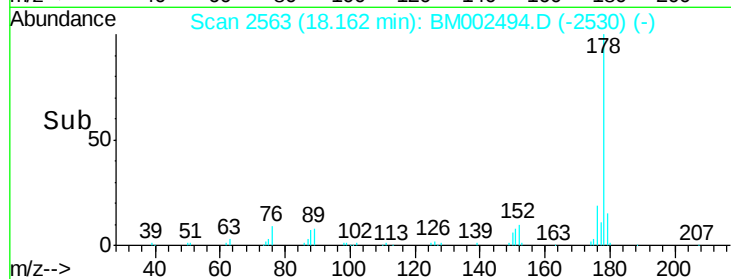
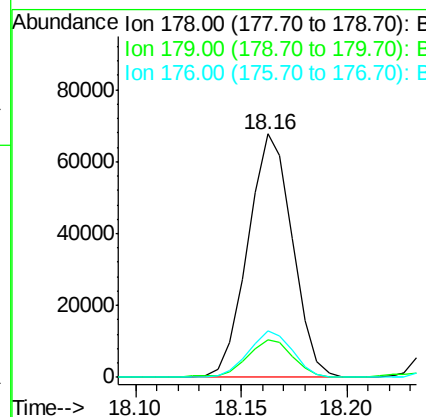
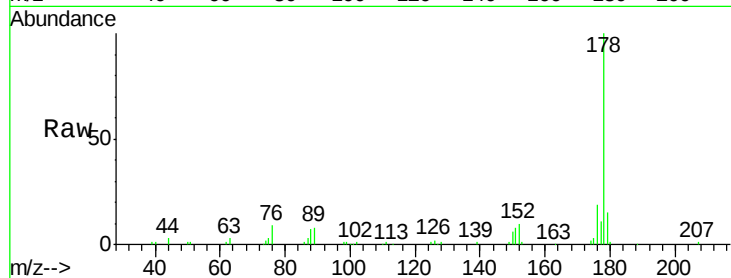
#70  
Phenanthrene  
Concen: 2.67 ng/ul  
RT: 18.16 min Scan# 2563  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.5  | 12.3  | 18.5  |
| 176     | 19.2  | 15.3  | 22.9  |

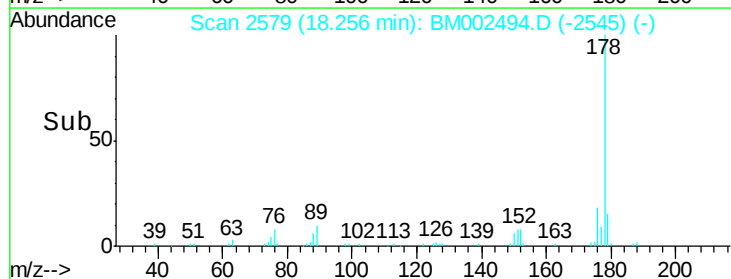
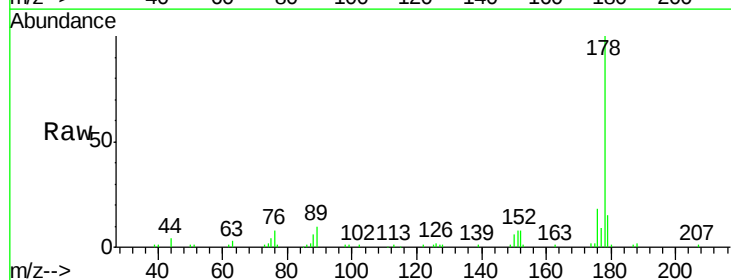
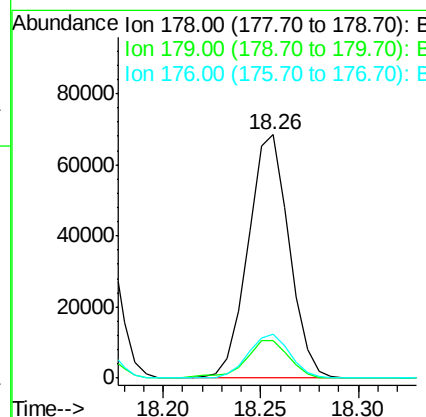
Manual Integrations  
APPROVED

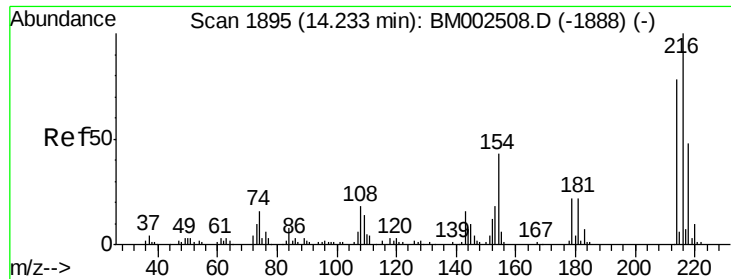
MMDadoda  
8/20/2015 3:35:45 PM



#72  
Anthracene  
Concen: 2.61 ng/ul  
RT: 18.26 min Scan# 2579  
Delta R.T. -0.00 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.5  | 12.3  | 18.5  |
| 176     | 18.1  | 14.5  | 21.7  |





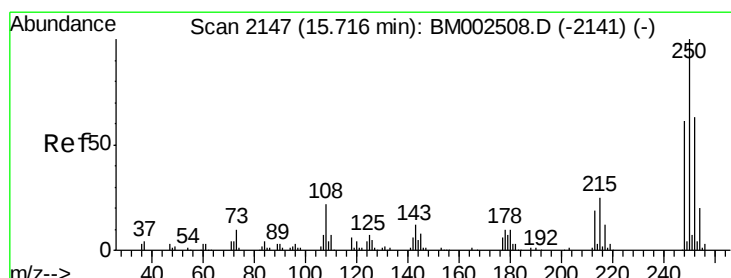
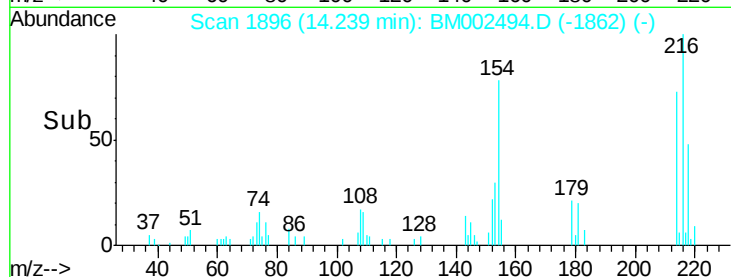
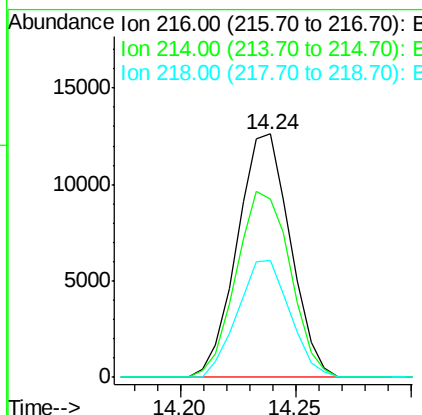
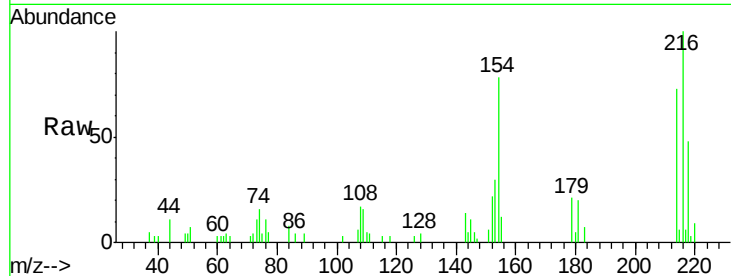
#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 2.32 ng/uL  
 RT: 14.24 min Scan# 1896  
 Delta R.T. -0.00 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 20256 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 73.3  | 63.4  | 95.0  |
| 218       | 48.0  | 38.9  | 58.3  |

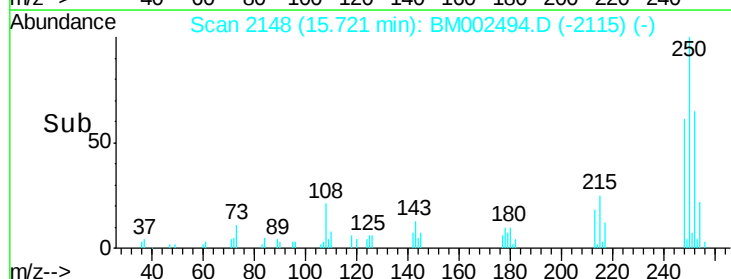
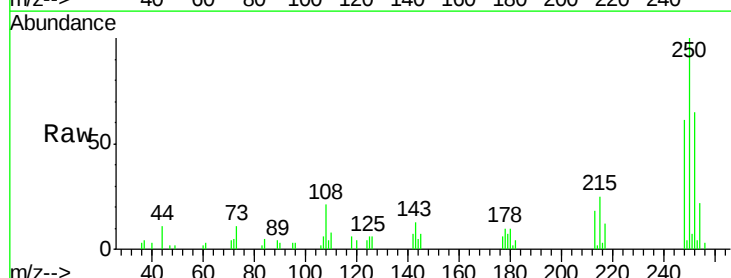
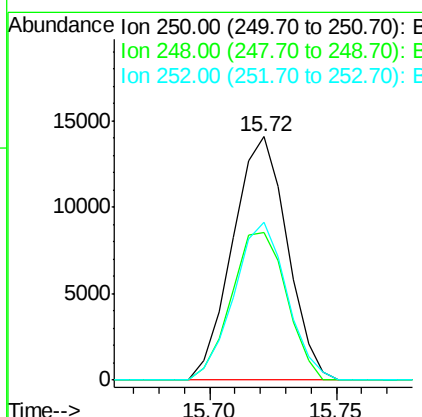
Manual Integrations  
 APPROVED

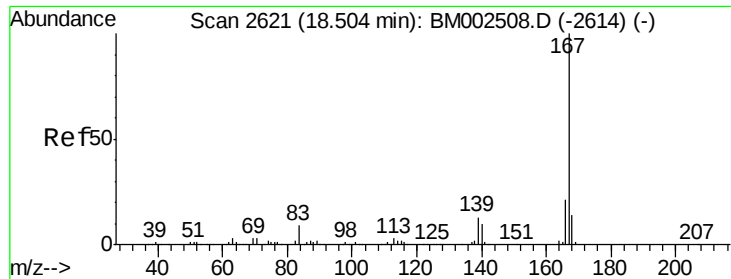
MMDadoda  
 8/20/2015 3:35:45 PM



#74  
 Pentachlorobenzene  
 Concen: 2.49 ng/uL  
 RT: 15.72 min Scan# 2148  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 21041 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 60.7  | 51.0  | 76.6  |
| 252       | 64.9  | 50.1  | 75.1  |





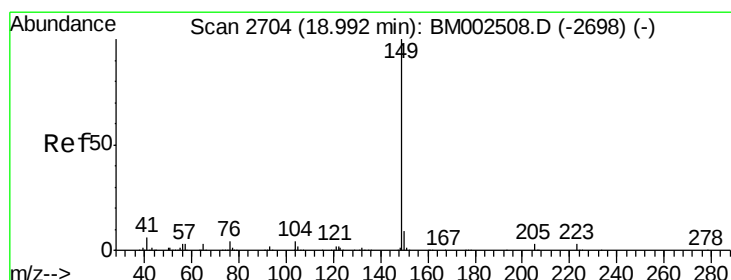
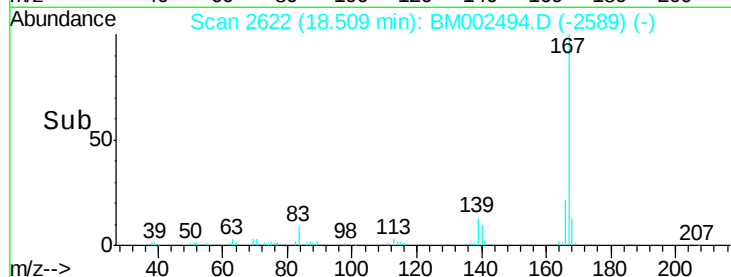
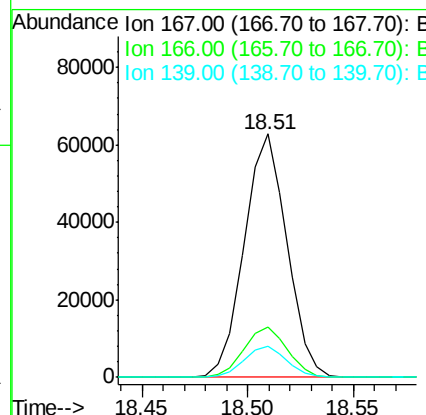
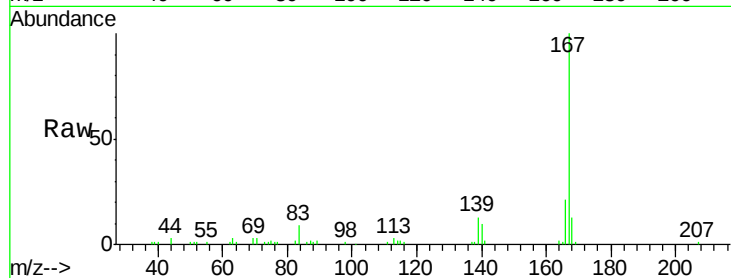
#75  
 Carbazole  
 Concen: 2.54 ng/ul  
 RT: 18.51 min Scan# 2622  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.6  | 17.0  | 25.6  |
| 139     | 12.8  | 10.8  | 16.2  |

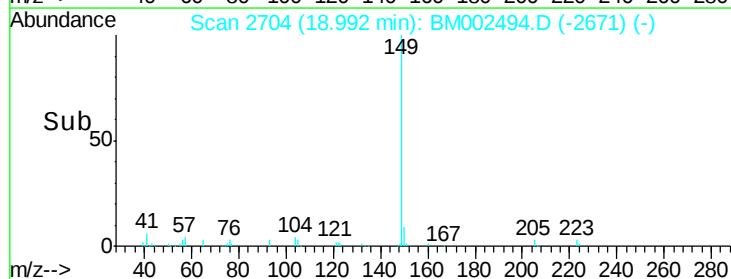
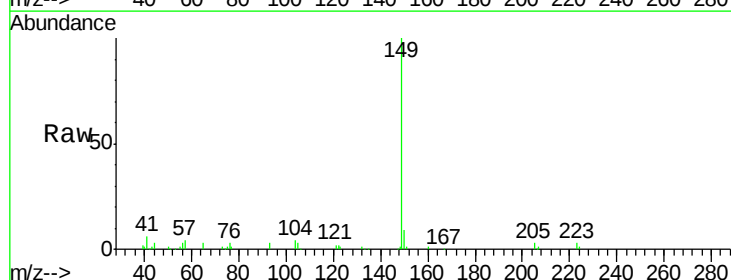
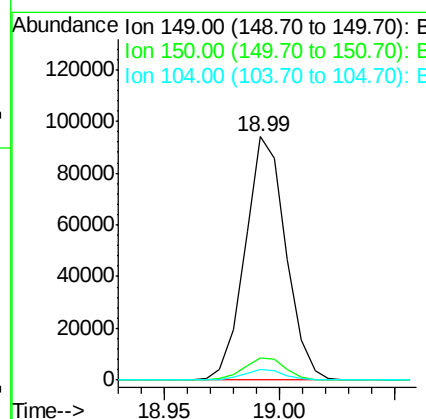
Manual Integrations  
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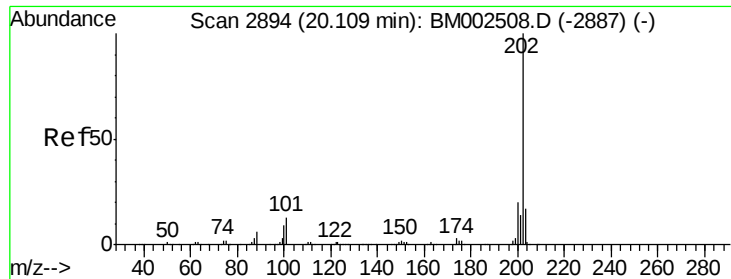
MMDadoda  
 8/20/2015 3:35:45 PM



#76  
 Di-n-butylphthalate  
 Concen: 2.49 ng/ul  
 RT: 18.99 min Scan# 2704  
 Delta R.T. -0.01 min  
 Lab File: BM002494.D  
 Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 7.3   | 10.9  |
| 104     | 4.3   | 3.8   | 5.6   |





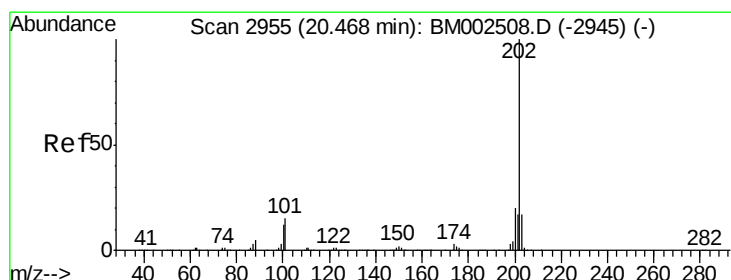
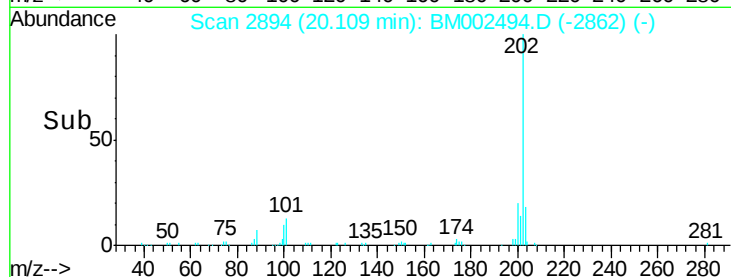
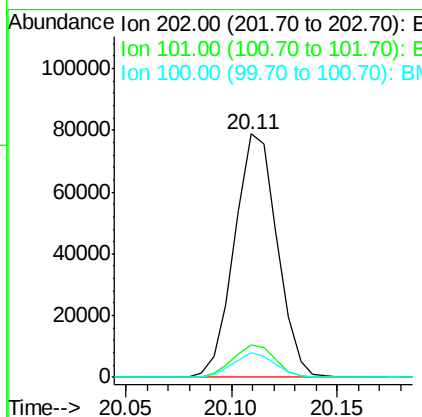
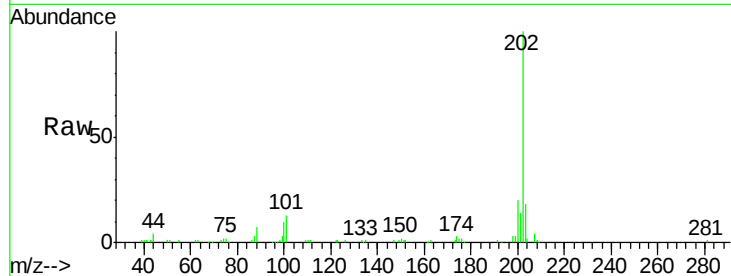
#77  
Fluoranthene  
Concen: 2.83 ng/ul  
RT: 20.11 min Scan# 2894  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampled :  
MDL-03-W

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 110681 |       |       |
| 101     | 13.4  | 10.6   | 15.8  |       |
| 100     | 10.3  | 8.2    | 12.4  |       |

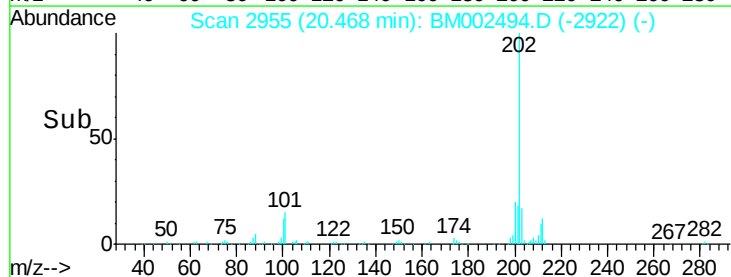
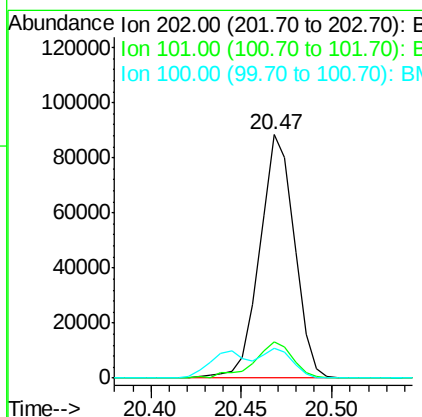
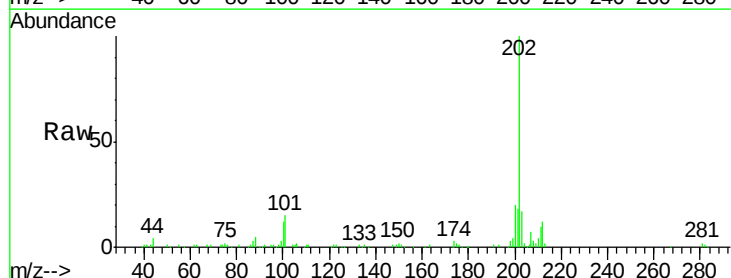
Manual Integrations  
APPROVED

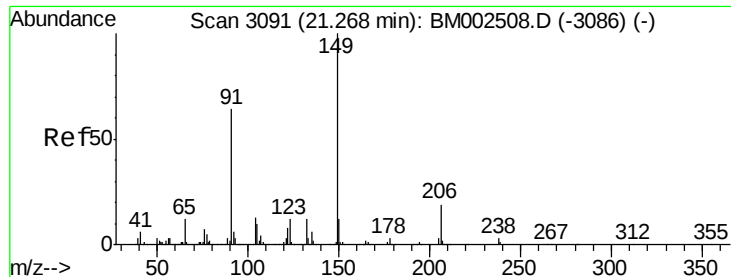
MMDadoda  
8/20/2015 3:35:45 PM



#80  
Pyrene  
Concen: 2.68 ng/ul  
RT: 20.47 min Scan# 2955  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 117777 |       |       |
| 101     | 14.7  | 13.0   | 19.6  |       |
| 100     | 12.2  | 11.0   | 16.4  |       |





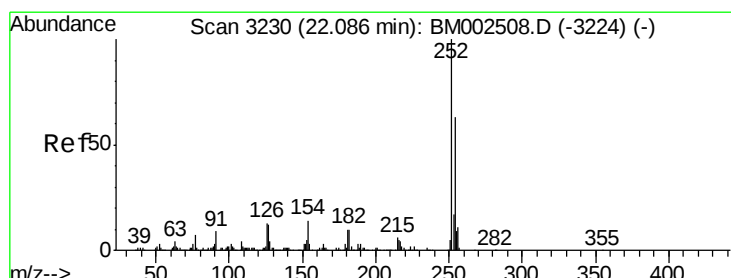
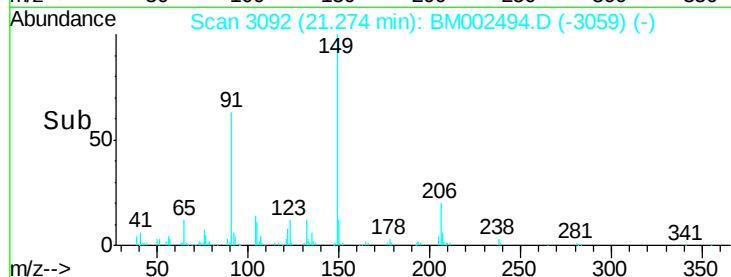
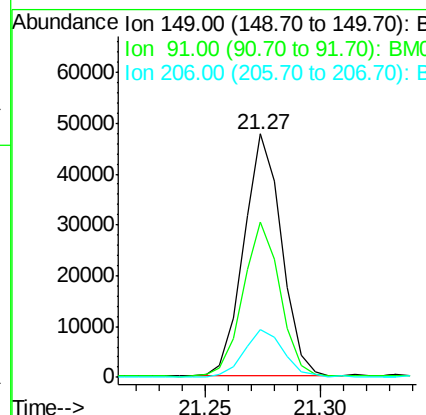
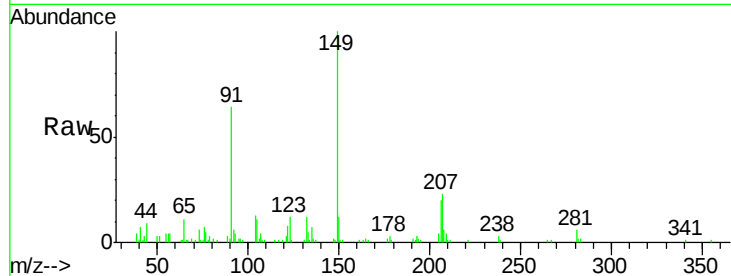
#81  
Butylbenzylphthalate  
Concen: 2.48 ng/ul  
RT: 21.27 min Scan# 3092  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 53821 |       |       |
| 91      | 63.7  | 57.5  | 86.3  |       |
| 206     | 19.8  | 15.2  | 22.8  |       |

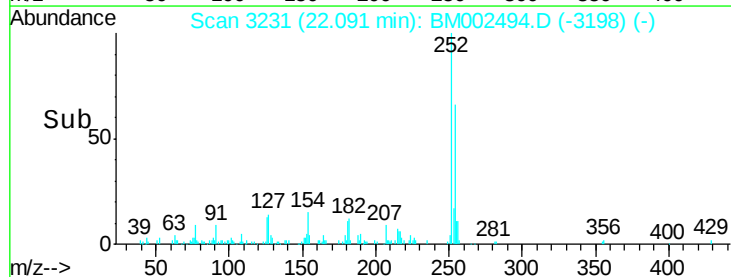
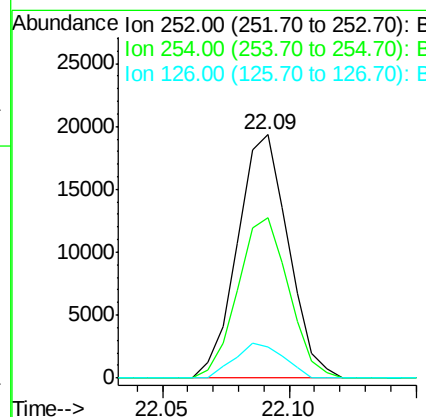
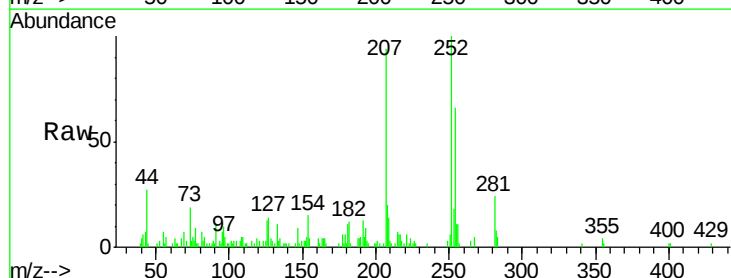
Manual Integrations  
APPROVED

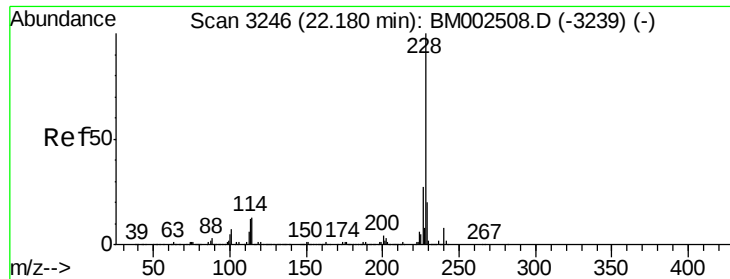
MMDadoda  
8/20/2015 3:35:45 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 2.07 ng/ul  
RT: 22.09 min Scan# 3231  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 27004 |       |       |
| 254     | 66.1  | 52.5  | 78.7  |       |
| 126     | 12.6  | 11.8  | 17.8  |       |





#83

Benzo(a)anthracene

Concen: 2.69 ng/ul

RT: 22.19 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

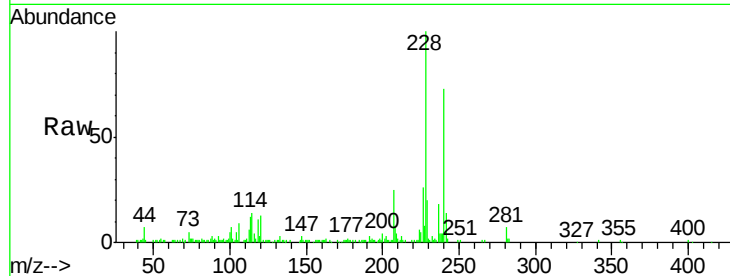
ClientSampleId :

MDL-03-W

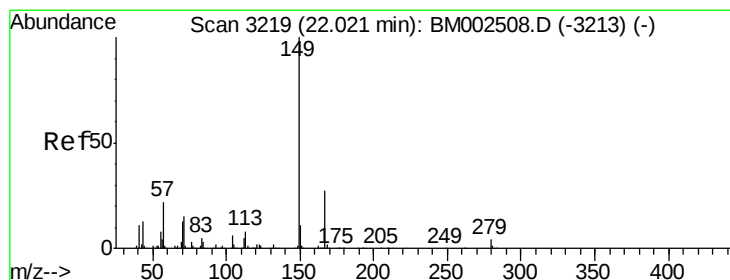
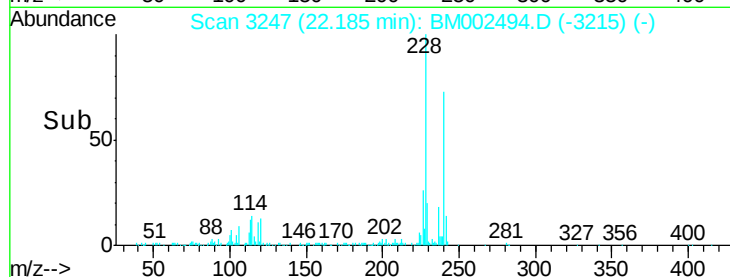
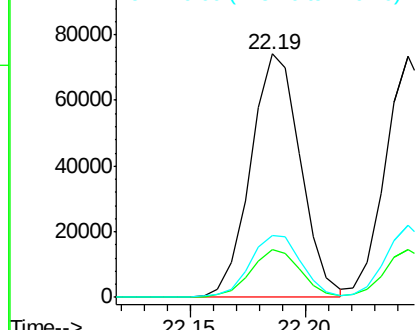
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 111374 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 229       | 19.6  | 15.7  | 23.5   |
| 226       | 25.6  | 21.4  | 32.0   |

Manual Integrations  
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MMDadoda  
8/20/2015 3:35:45 PM



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.57 ng/ul

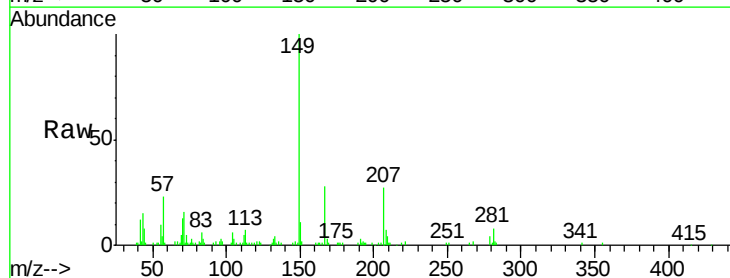
RT: 22.03 min Scan# 3220

Delta R.T. -0.00 min

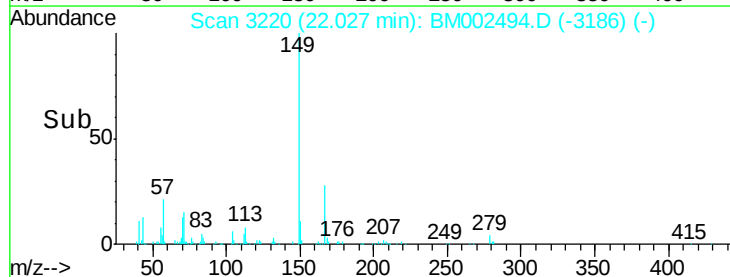
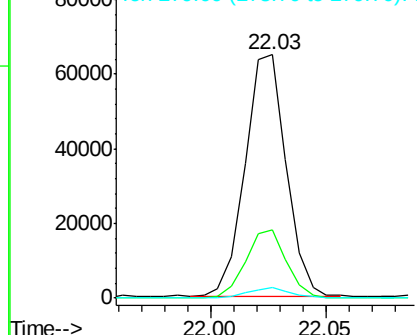
Lab File: BM002494.D

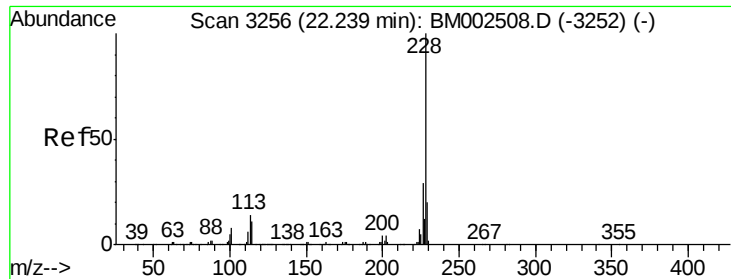
Acq: 19 Aug 2015 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 80608 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.9  | 21.4  | 32.2  |
| 279       | 4.3   | 3.2   | 4.8   |



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





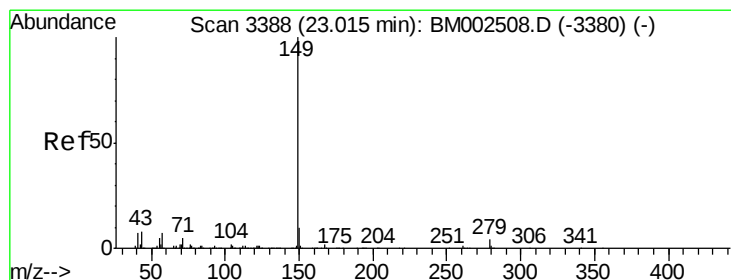
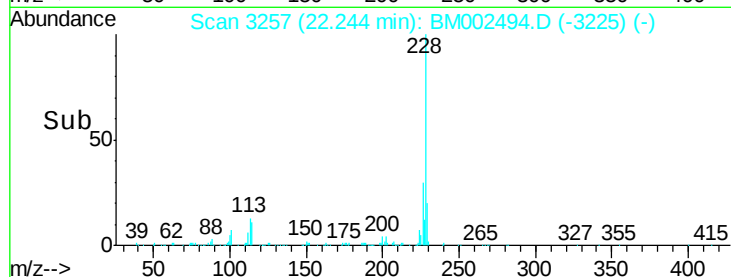
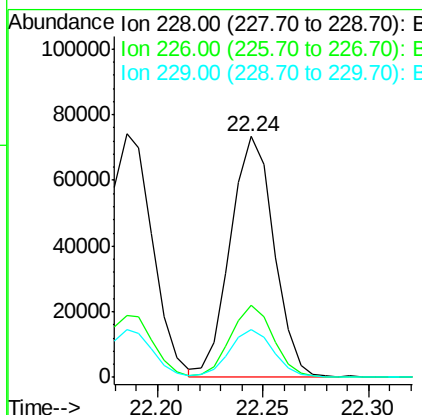
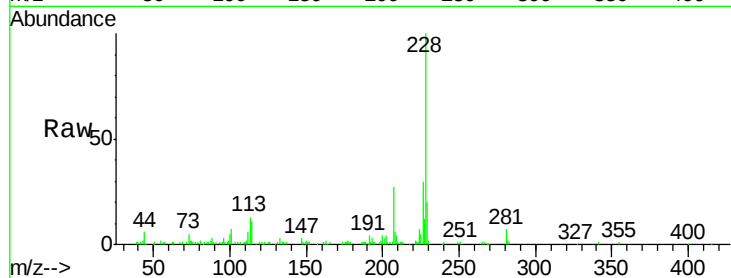
#85  
Chrysene  
Concen: 2.69 ng/ul  
RT: 22.24 min Scan# 3257  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 29.7  | 23.4       | 35.0       |
| 229     | 19.7  | 15.5       | 23.3       |

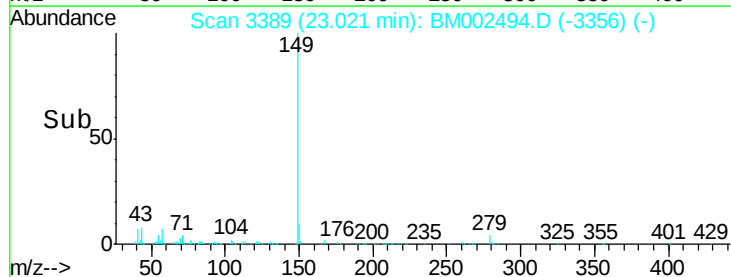
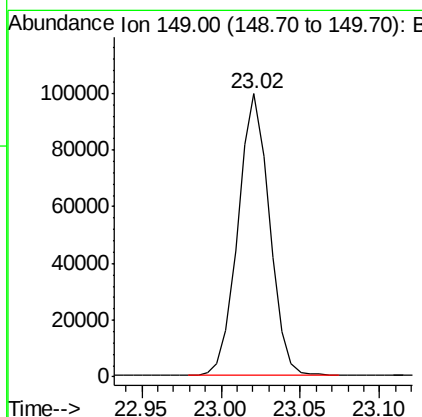
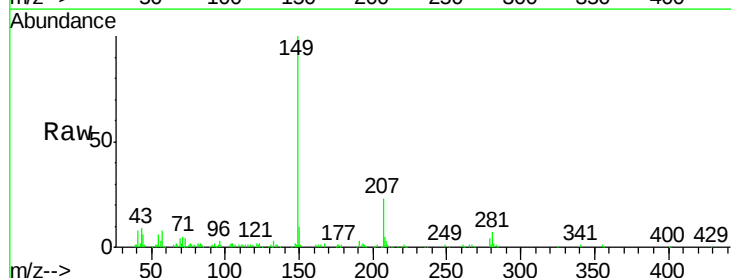
Manual Integrations  
APPROVED

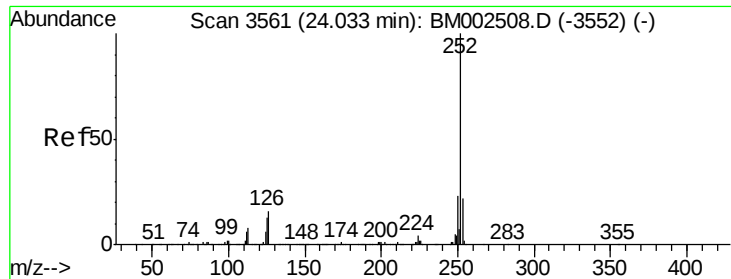
MMDadoda  
8/20/2015 3:35:45 PM



#87  
Di-n-octyl phthalate  
Concen: 2.81 ng/ul  
RT: 23.02 min Scan# 3389  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Tgt Ion:149 Resp: 135608





#88

Benzo(b)fluoranthene

Concen: 2.83 ng/ul

RT: 24.04 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

Instrument :

BNA\_M

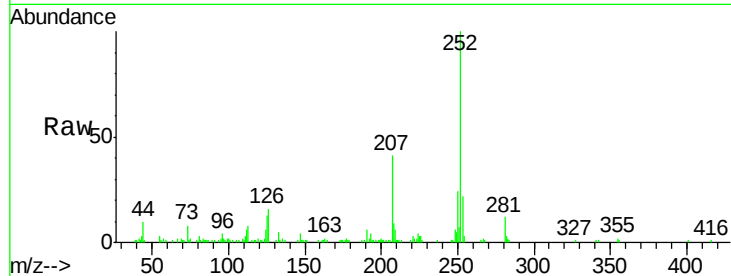
ClientSampleId :

MDL-03-W

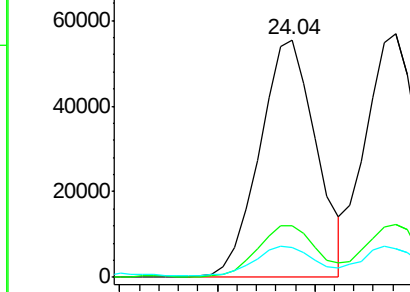
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 111351 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.9  | 26.9   |
| 125       | 12.7  | 10.3  | 15.5   |

Manual Integrations  
APPROVED

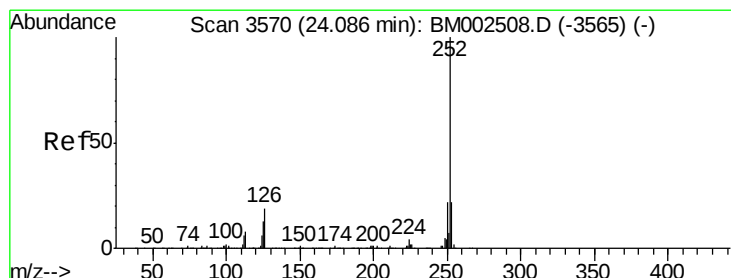
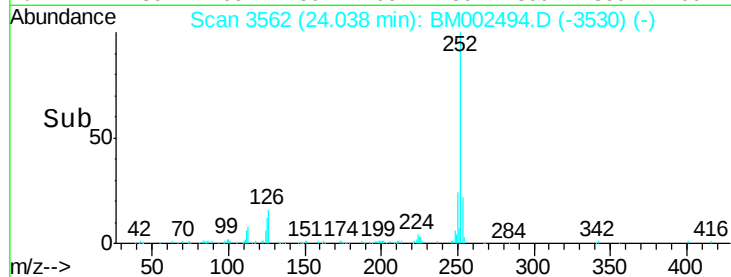
MMDadoda  
8/20/2015 3:35:45 PM



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time--> 23.95 24.00 24.05



#89

Benzo(k)fluoranthene

Concen: 2.88 ng/ul

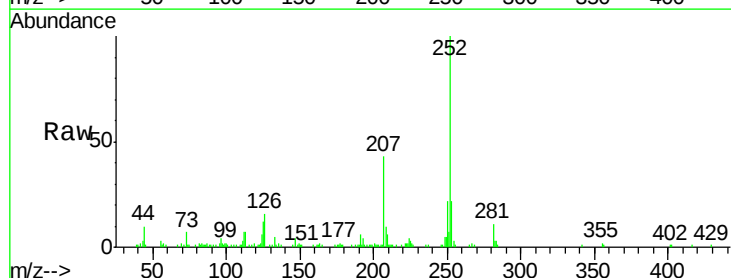
RT: 24.09 min Scan# 3571

Delta R.T. -0.01 min

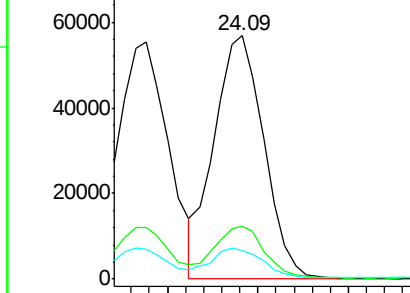
Lab File: BM002494.D

Acq: 19 Aug 2015 17:00

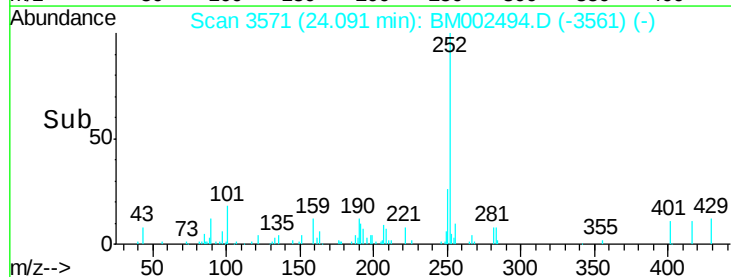
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 108694 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.3  | 25.9   |
| 125       | 12.0  | 10.2  | 15.4   |

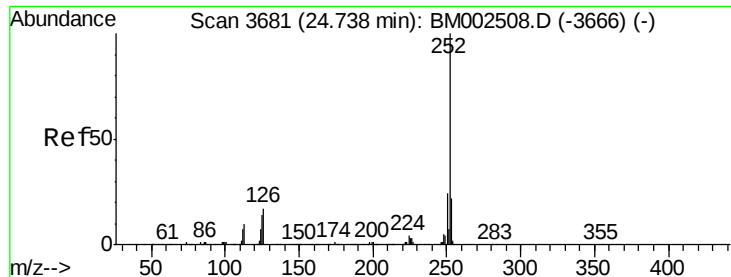


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time--> 24.05 24.10 24.15





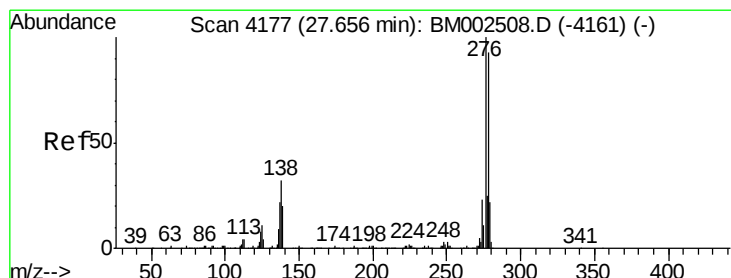
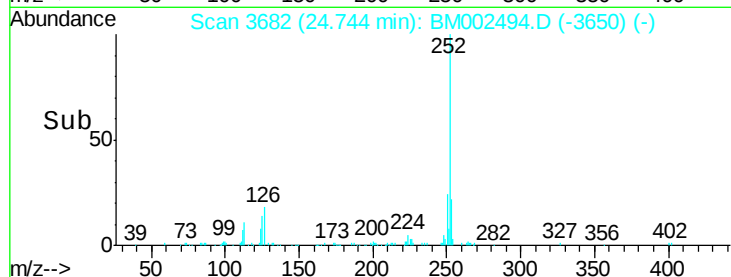
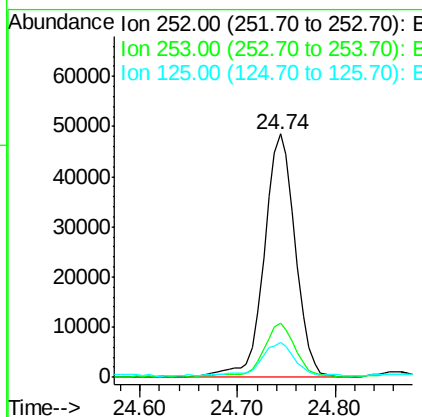
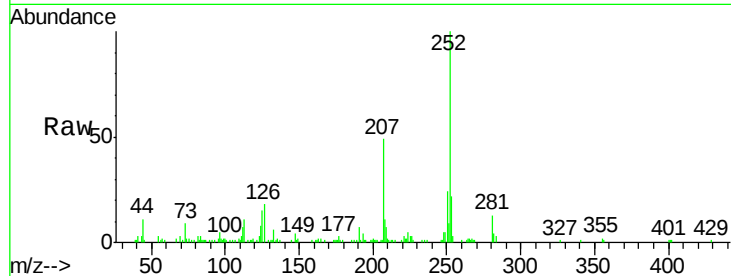
#91  
Benzo(a)pyrene  
Concen: 2.87 ng/ul  
RT: 24.74 min Scan# 3682  
Delta R.T. -0.01 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 14.6  | 11.0  | 16.6  |

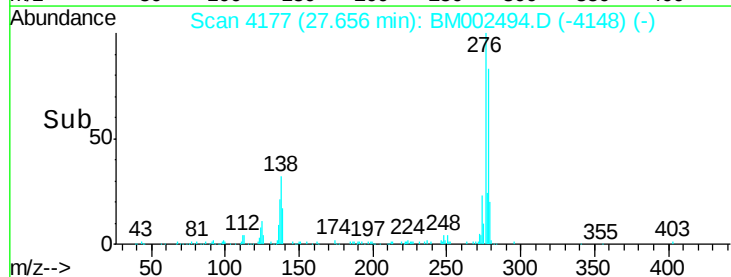
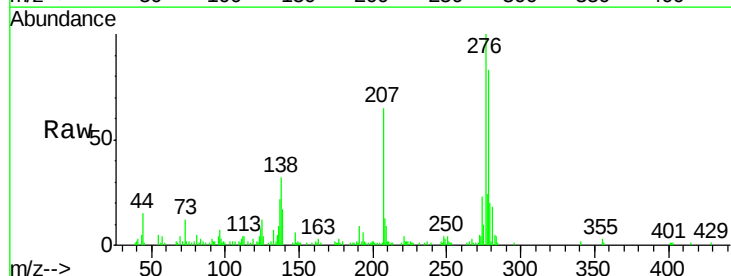
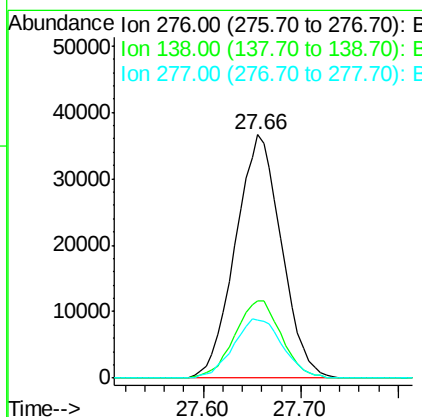
Manual Integrations  
APPROVED

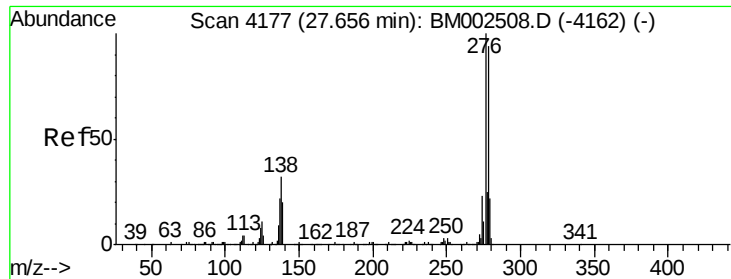
MMDadoda  
8/20/2015 3:35:45 PM



#92  
Indeno(1,2,3-cd)pyrene  
Concen: 2.80 ng/ul  
RT: 27.66 min Scan# 4177  
Delta R.T. -0.03 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 31.9  | 25.6  | 38.4  |
| 277     | 23.7  | 21.0  | 31.4  |





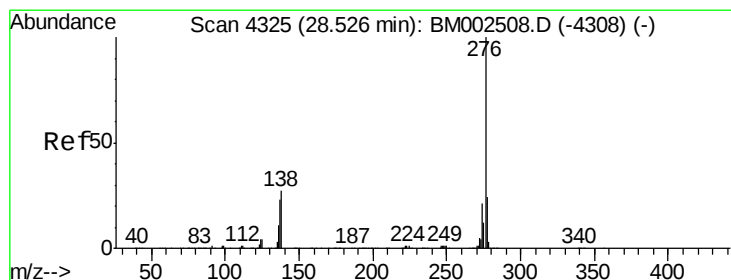
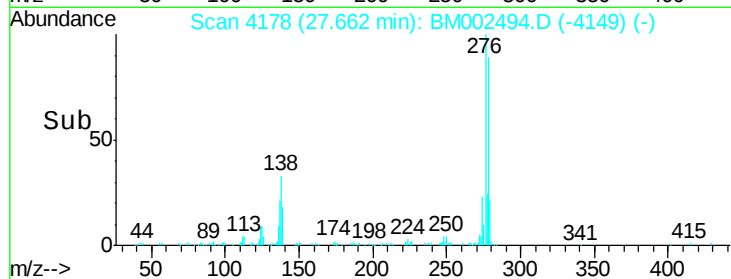
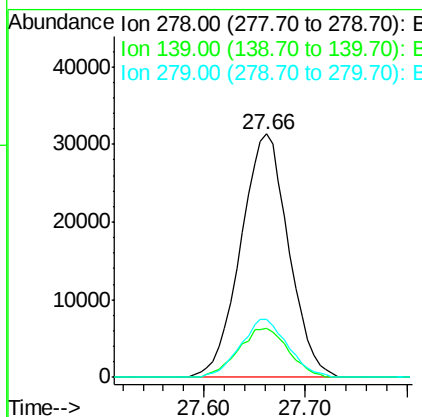
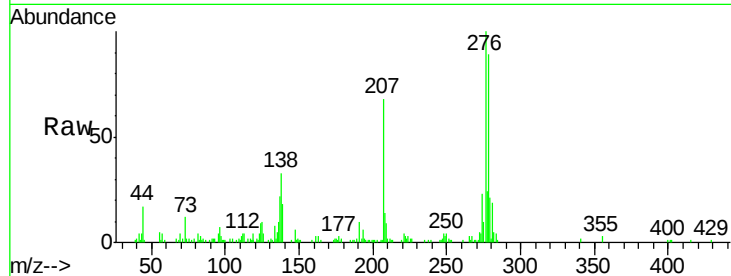
#93  
Dibenzo(a,h)anthracene  
Concen: 2.82 ng/ul  
RT: 27.66 min Scan# 4178  
Delta R.T. -0.03 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-03-W

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 102998 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 20.3  | 16.4  | 24.6   |
| 279       | 24.0  | 18.8  | 28.2   |

Manual Integrations  
APPROVED

MMDadoda  
8/20/2015 3:35:45 PM



#94  
Benzo(g,h,i)perylene  
Concen: 2.73 ng/ul  
RT: 28.53 min Scan# 4325  
Delta R.T. -0.04 min  
Lab File: BM002494.D  
Acq: 19 Aug 2015 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 99287 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 28.6  | 20.5  | 30.7  |
| 277       | 22.7  | 19.0  | 28.6  |

