

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081915\  
 Data File : BM002514.D  
 Acq On : 20 Aug 2015 05:11  
 Operator : UM/IZ  
 Sample : MDL-05-S-ML  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2015 3:37:39 PM

Quant Time: Aug 20 05:55:57 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 20 05:32:43 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.82  | 152  | 119593   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.69 | 136  | 572841   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 15.40 | 164  | 326996   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 18.12 | 188  | 718853   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.20 | 240  | 795046   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.85 | 264  | 816247   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 15067   | 5.82  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.93  | 99  | 330399  | 30.54 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 8.11  | 67  | 188718  | 29.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.33  | 132 | 295310  | 33.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.52  | 113 | 297174  | 32.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 10.02 | 128 | 157675  | 36.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.75 | 143 | 170125  | 44.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 11.29 | 165 | 278219  | 33.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.81 | 131 | 447123  | 40.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.79 | 166 | 952797  | 35.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 15.11 | 160 | 1183003 | 34.92 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.57 | 143 | 183640  | 37.80 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 16.38 | 176 | 798729  | 33.90 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.49 | 200 | 136706  | 48.39 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 18.22 | 188 | 1246859 | 35.75 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.44 | 212 | 1327658 | 34.43 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.69 | 264 | 1569814 | 36.22 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |             | Qvalue |
|--------------------------------|-------|-----|-------|-------------|--------|
| 2) 1,4-Dioxane                 | 3.89  | 88  | 1618  | 0.55 ng/uL# | 11     |
| 4) Benzaldehyde                | 7.93  | 77  | 19205 | 3.01 ng/ul  | 95     |
| 6) Phenol                      | 7.96  | 94  | 29338 | 2.65 ng/ul  | 95     |
| 8) Bis(2-Chloroethyl)ether     | 8.20  | 93  | 24978 | 2.93 ng/ul  | 91     |
| 10) 2-Chlorophenol             | 8.37  | 128 | 25525 | 2.80 ng/ul  | 95     |
| 11) 2-Methylphenol             | 9.25  | 108 | 22972 | 2.62 ng/ul  | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 9.34  | 45  | 33862 | 2.23 ng/ul  | 98     |
| 14) Acetophenone               | 9.66  | 105 | 40915 | 2.96 ng/ul  | 92     |
| 15) N-Nitroso-di-n-propylamine | 9.63  | 70  | 19561 | 2.64 ng/ul  | 92     |
| 16) 4-Methylphenol             | 9.58  | 108 | 26291 | 2.74 ng/ul  | 99     |
| 17) Hexachloroethane           | 9.93  | 117 | 9380  | 2.61 ng/ul  | 96     |
| 20) Nitrobenzene               | 10.06 | 77  | 27595 | 2.77 ng/ul  | 91     |
| 21) Isophorone                 | 10.57 | 82  | 55986 | 2.82 ng/ul  | 98     |
| 23) 2-Nitrophenol              | 10.78 | 139 | 15958 | 3.69 ng/ul# | 87     |
| 24) 2,4-Dimethylphenol         | 10.81 | 107 | 28417 | 2.68 ng/ul  | 99     |
| 25) Bis(2-Chloroethoxy)methane | 11.05 | 93  | 33676 | 2.74 ng/ul  | 98     |
| 27) 2,4-Dichlorophenol         | 11.32 | 162 | 24436 | 3.05 ng/ul  | 90     |
| 28) Naphthalene                | 11.74 | 128 | 89644 | 2.97 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.83 | 127 | 40849 | 3.72 ng/ul  | 99     |
| 31) Hexachlorobutadiene        | 11.99 | 225 | 13810 | 2.98 ng/ul  | 95     |
| 32) Caprolactam                | 12.59 | 113 | 9805m | 2.97 ng/ul  |        |
| 33) 4-Chloro-3-methylphenol    | 12.89 | 107 | 28251 | 2.82 ng/ul  | 94     |
| 34) 2-Methylnaphthalene        | 13.29 | 142 | 66291 | 3.08 ng/ul  | 98     |

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 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 MDL-05-S-ML

Manual Integrations  
 APPROVED

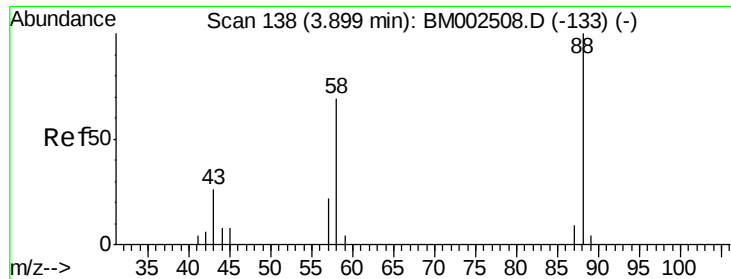
MMDadoda  
 8/20/2015 3:37:39 PM

Quant Time: Aug 20 05:55:57 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 20 05:32:43 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 37) 1,2,4,5-Tetrachlorobenzene | 13.63 | 216  | 29213    | 3.11 | ng/ul  | 99       |
| 38) Hexachlorocyclopentadiene  | 13.60 | 237  | 6419     | 1.16 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 13.86 | 196  | 18241    | 3.12 | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 13.94 | 196  | 19981    | 3.04 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 14.25 | 154  | 84515    | 3.06 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 14.31 | 162  | 64219    | 3.06 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 14.50 | 65   | 16848    | 2.64 | ng/ul# | 76       |
| 45) Dimethylphthalate          | 14.83 | 163  | 86027    | 3.13 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 14.97 | 165  | 16409    | 3.19 | ng/ul  | 89       |
| 48) Acenaphthylene             | 15.14 | 152  | 110647   | 3.15 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 15.30 | 138  | 20383    | 3.66 | ng/ul# | 86       |
| 50) Acenaphthene               | 15.47 | 153  | 72432    | 3.06 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 15.51 | 184  | 3644     | 2.05 | ng/ul# | 1        |
| 53) 4-Nitrophenol              | 15.58 | 109  | 9929     | 2.79 | ng/ul  | 88       |
| 54) Dibenzofuran               | 15.79 | 168  | 100684   | 3.19 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 15.74 | 165  | 24763    | 3.39 | ng/ul# | 86       |
| 56) 2,3,4,6-Tetrachlorophenol  | 16.01 | 232  | 14650    | 2.93 | ng/ul# | 95       |
| 57) Diethylphthalate           | 16.16 | 149  | 87896    | 2.99 | ng/ul  | 99       |
| 59) Fluorene                   | 16.43 | 166  | 85636    | 3.21 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 16.40 | 204  | 38186    | 3.13 | ng/ul  | 94       |
| 61) 4-Nitroaniline             | 16.44 | 138  | 22110    | 3.44 | ng/ul  | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 16.50 | 198  | 12448    | 3.92 | ng/ul# | 89       |
| 65) N-Nitrosodiphenylamine     | 16.62 | 169  | 73249    | 3.11 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.29 | 248  | 22381    | 2.98 | ng/ul  | 98       |
| 67) Hexachlorobenzene          | 17.42 | 284  | 26703    | 3.12 | ng/ul  | 97       |
| 68) Atrazine                   | 17.52 | 200  | 25485    | 3.11 | ng/ul  | 99       |
| 69) Pentachlorophenol          | 17.76 | 266  | 5584     | 1.33 | ng/ul  | 92       |
| 70) Phenanthrene               | 18.16 | 178  | 135565   | 3.28 | ng/ul  | 98       |
| 72) Anthracene                 | 18.25 | 178  | 138391   | 3.24 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 14.23 | 216  | 27528    | 2.81 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 15.72 | 250  | 28375    | 3.00 | ng/uL  | 98       |
| 75) Carbazole                  | 18.50 | 167  | 125962   | 3.26 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.99 | 149  | 155966   | 3.01 | ng/ul  | 100      |
| 77) Fluoranthene               | 20.10 | 202  | 153783   | 3.51 | ng/ul  | 99       |
| 80) Pyrene                     | 20.46 | 202  | 164114   | 3.19 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 21.27 | 149  | 74280    | 2.93 | ng/ul  | 93       |
| 82) 3,3'-Dichlorobenzidine     | 22.09 | 252  | 59381    | 3.89 | ng/ul  | 98       |
| 83) Benzo(a)anthracene         | 22.18 | 228  | 158277   | 3.26 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 22.02 | 149  | 110345   | 3.00 | ng/ul  | 100      |
| 85) Chrysene                   | 22.24 | 228  | 149046   | 3.24 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 23.02 | 149  | 191274   | 3.07 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.03 | 252  | 159185   | 3.14 | ng/ul  | 99       |
| 89) Benzo(k)fluoranthene       | 24.08 | 252  | 158974   | 3.26 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 24.73 | 252  | 157225   | 3.24 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 27.64 | 276  | 182635   | 3.28 | ng/ul  | 97       |
| 93) Dibenzo(a,h)anthracene     | 27.64 | 278  | 152453   | 3.23 | ng/ul  | 99       |
| 94) Benzo(g,h,i)perylene       | 28.51 | 276  | 150989   | 3.22 | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 0.55 ng/uL

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BM002514.D

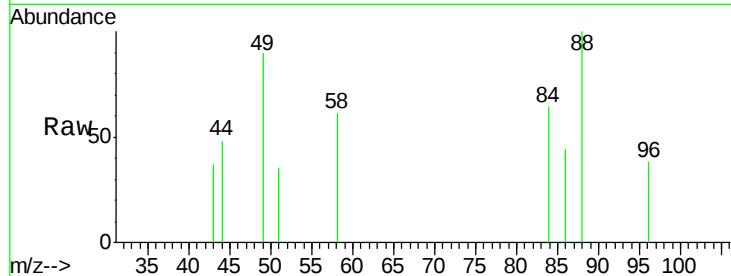
Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

ClientSampleId :

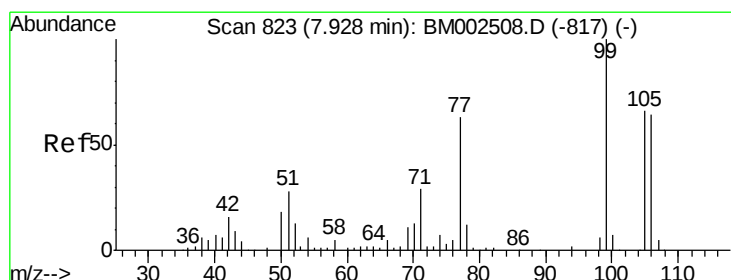
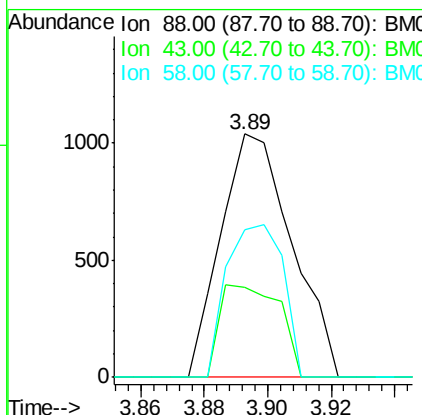
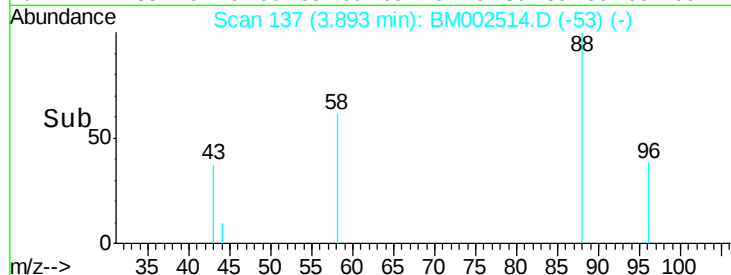
MDL-05-S-ML



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 1618  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.7  | 2.3   | 3.5#  |
| 58       | 49.6  | 0.6   | 1.0#  |

Manual Integrations  
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#4

Benzaldehyde

Concen: 3.01 ng/uL

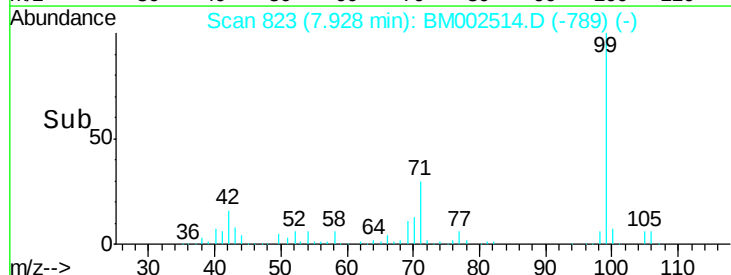
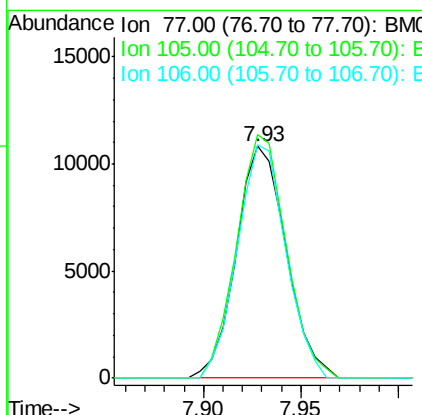
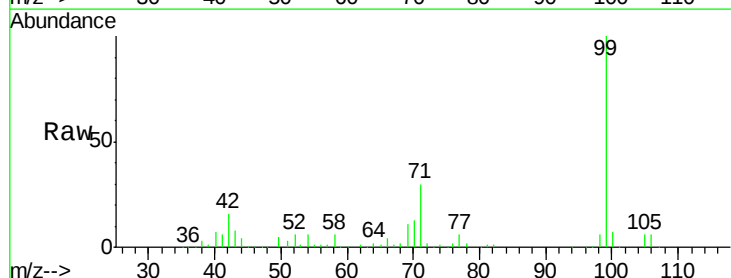
RT: 7.93 min Scan# 823

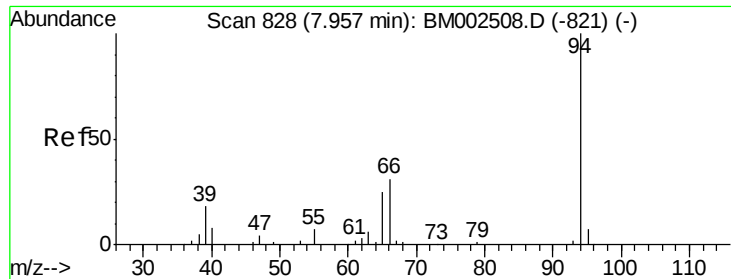
Delta R.T. -0.00 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 19205 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 105.0 | 80.0  | 120.0 |
| 106      | 100.9 | 76.7  | 115.1 |





#6

Phenol

Concen: 2.65 ng/ul

RT: 7.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

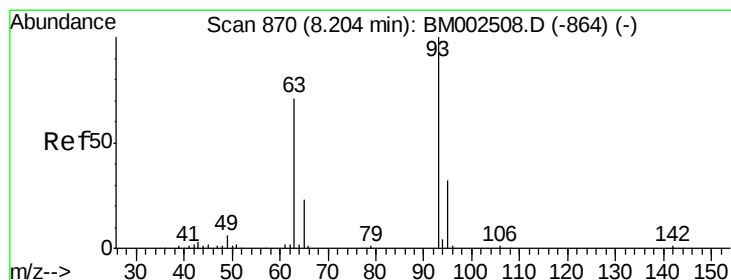
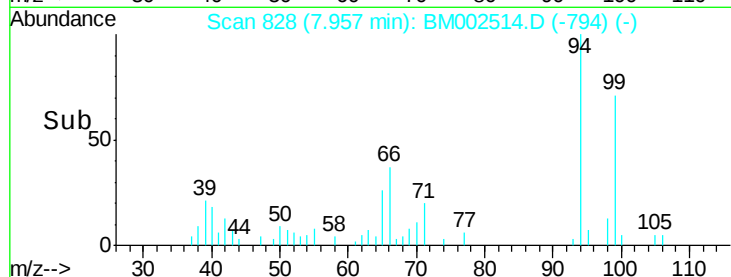
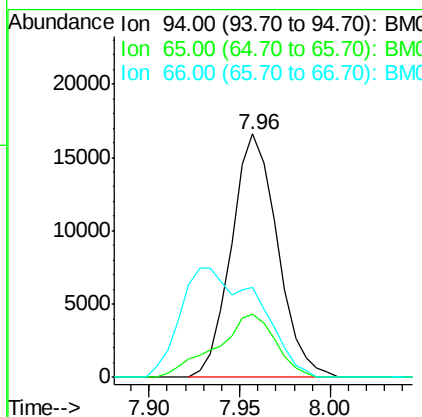
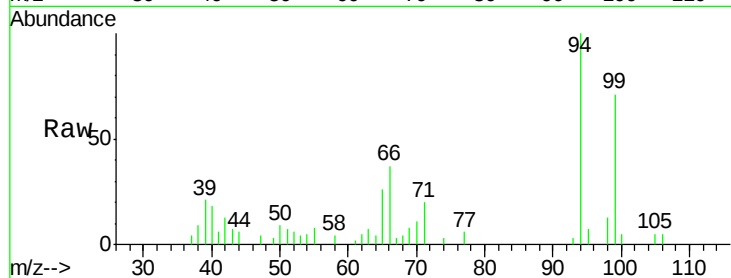
ClientSampleId :

MDL-05-S-ML

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 29338 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 26.2  | 23.7  | 35.5  |
| 66       | 37.0  | 31.3  | 46.9  |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 2.93 ng/ul

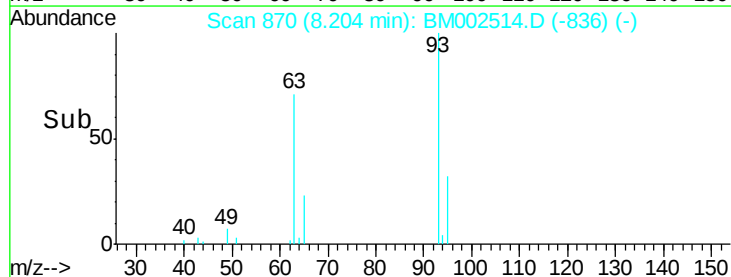
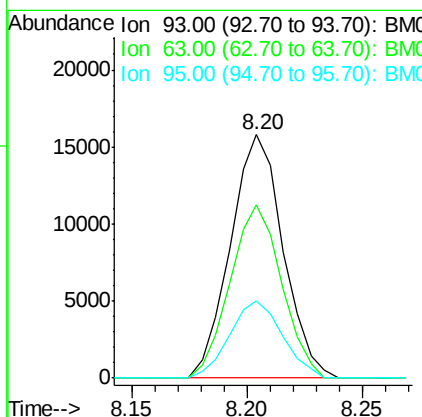
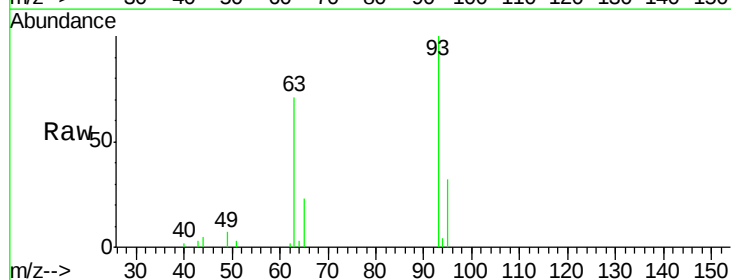
RT: 8.20 min Scan# 870

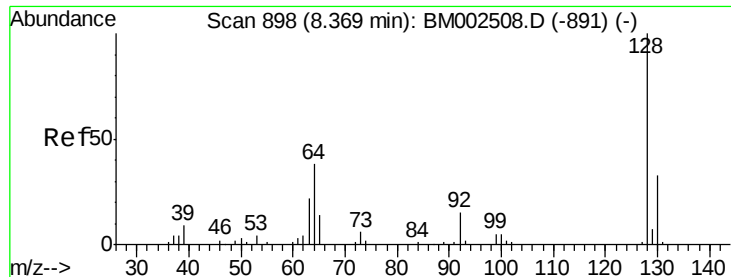
Delta R.T. -0.00 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 24978 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 71.1  | 64.6  | 97.0  |
| 95       | 31.6  | 26.6  | 40.0  |





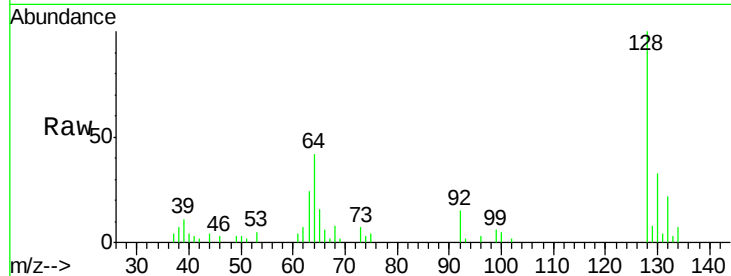
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2-Chlorophenol  
Concen: 2.80 ng/ul  
RT: 8.37 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

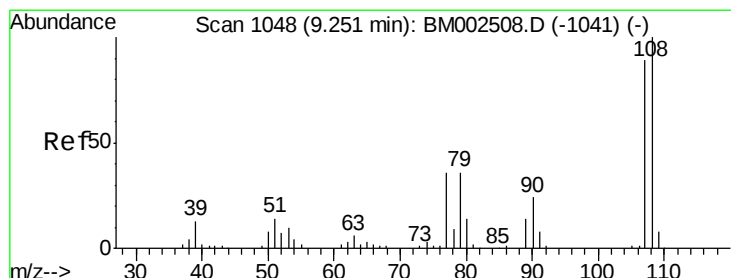
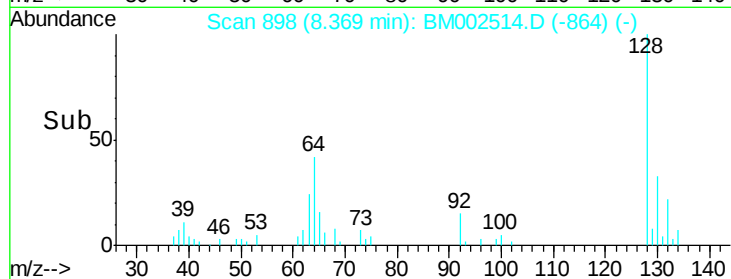
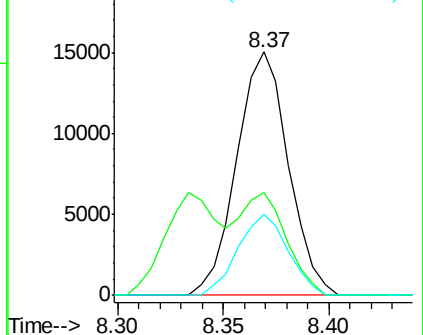
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 42.3  | 38.7  | 58.1  |
| 130     | 33.2  | 26.6  | 40.0  |

Manual Integrations  
APPROVED

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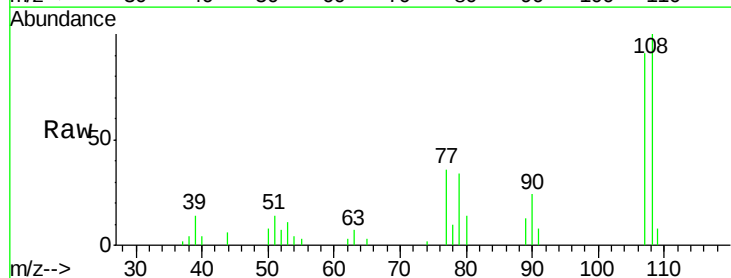


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

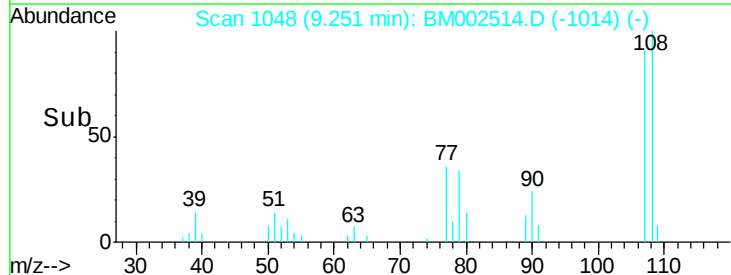
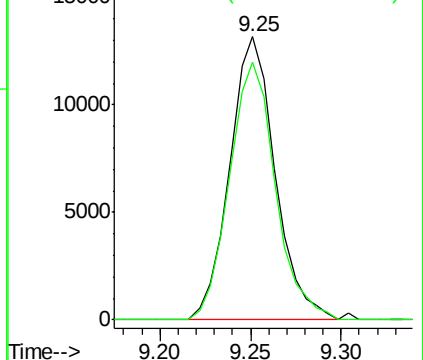


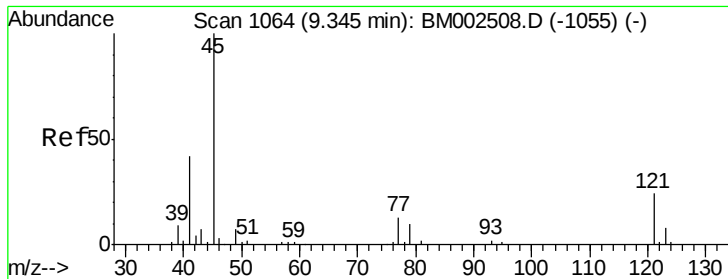
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2-Methylphenol  
Concen: 2.62 ng/ul  
RT: 9.25 min Scan# 1048  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 91.1  | 72.0  | 108.0 |



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





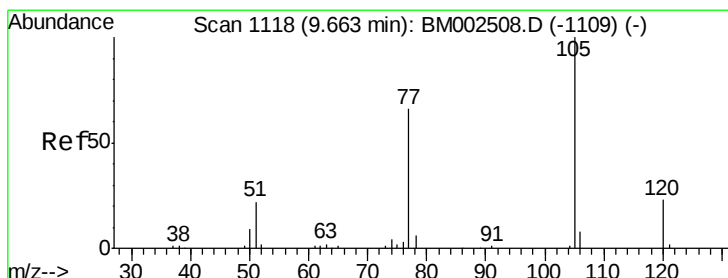
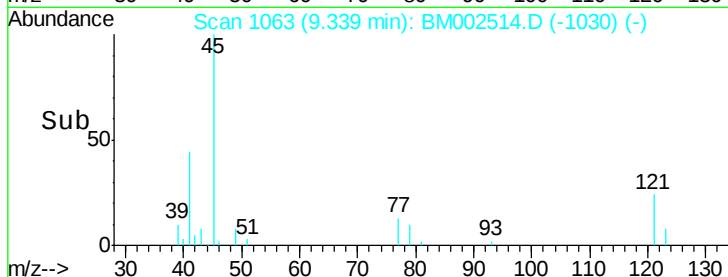
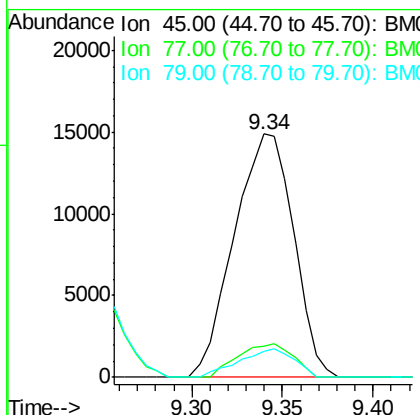
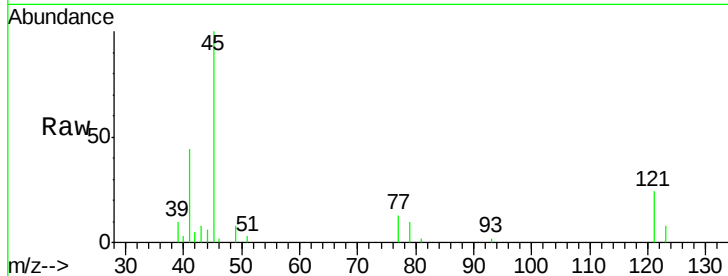
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2,2'-oxybis(1-chloropropane)  
Concen: 2.23 ng/ul  
RT: 9.34 min Scan# 1063  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 45      | 100   |            |       |
| 77      | 12.6  | 9.4        | 14.2  |
| 79      | 10.5  | 7.5        | 11.3  |

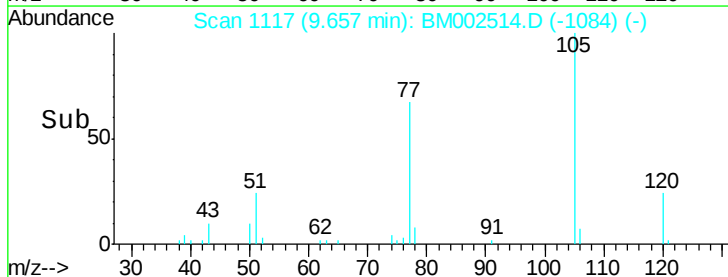
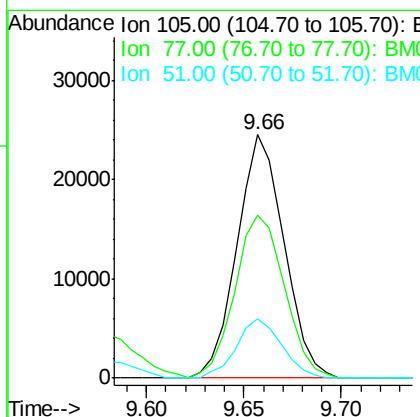
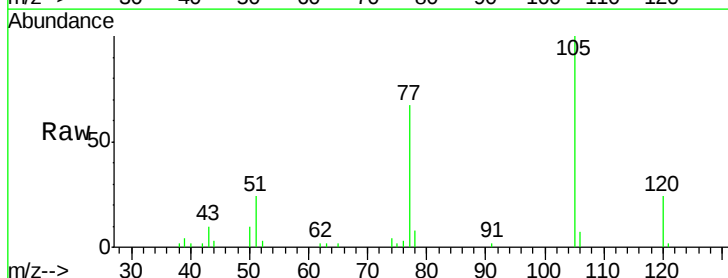
Manual Integrations  
APPROVED

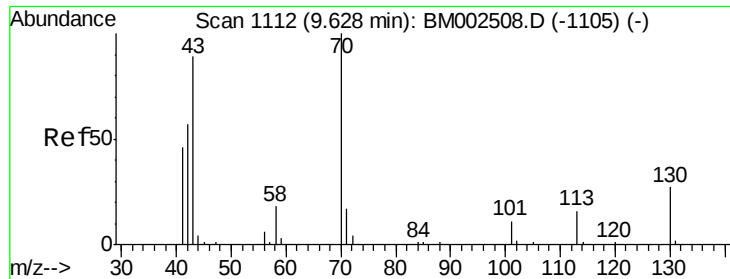
MMDadoda  
8/20/2015 3:37:39 PM



#14  
Acetophenone  
Concen: 2.96 ng/ul  
RT: 9.66 min Scan# 1117  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 77      | 67.2  | 59.4       | 89.0  |
| 51      | 24.4  | 23.4       | 35.0  |





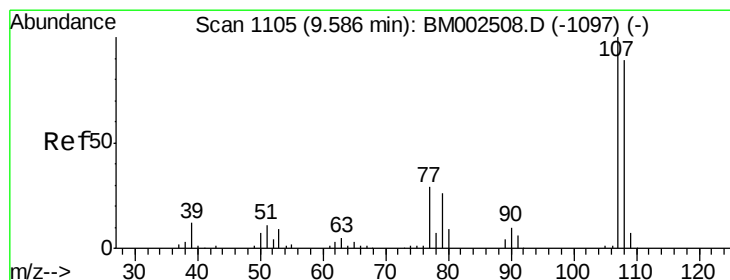
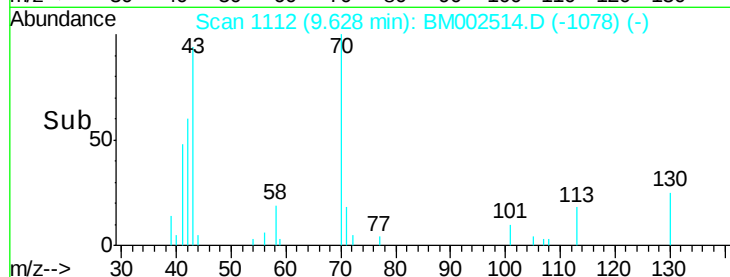
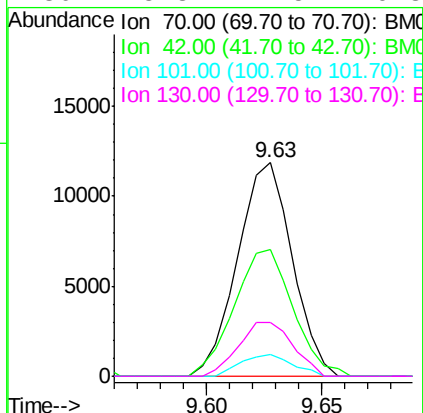
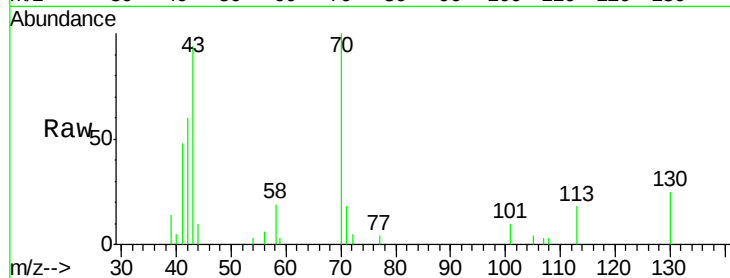
#15  
N-Nitroso-di-n-propylamine  
Concen: 2.64 ng/ul  
RT: 9.63 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 59.6 | 53.4  | 80.0  |       |
| 101     | 10.4 | 7.7   | 11.5  |       |
| 130     | 25.3 | 17.5  | 26.3  |       |

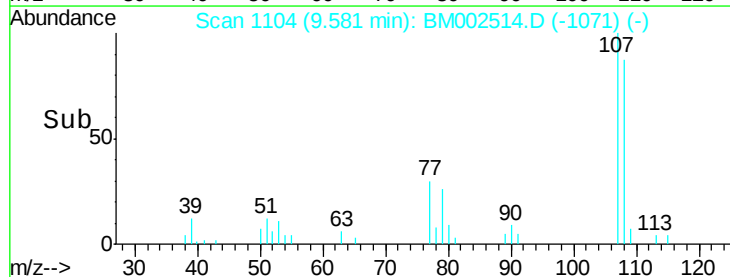
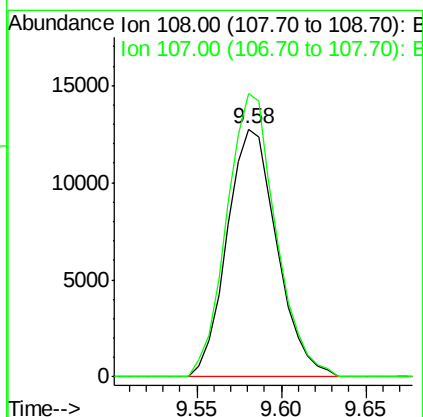
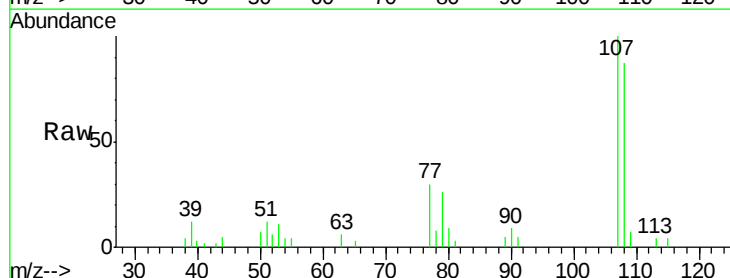
Manual Integrations  
APPROVED

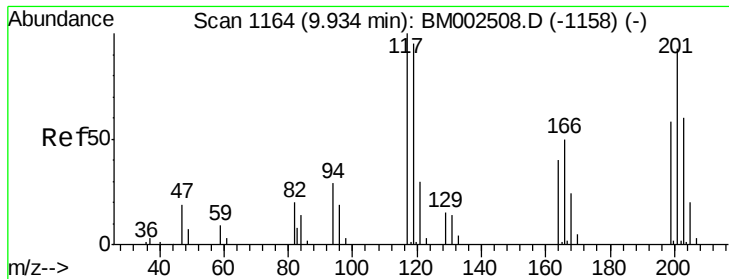
MMDadoda  
8/20/2015 3:37:39 PM



#16  
4-Methylphenol  
Concen: 2.74 ng/ul  
RT: 9.58 min Scan# 1104  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 108     | 100   |       |       |       |
| 107     | 114.3 | 90.9  | 136.3 |       |





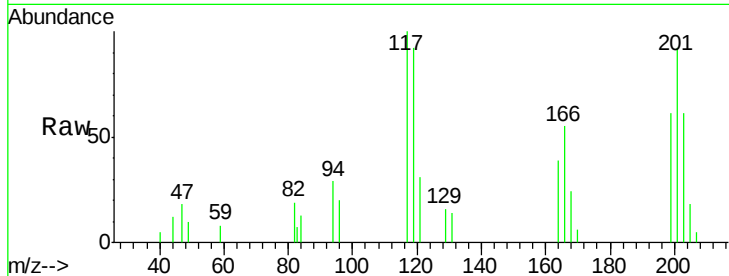
#17  
Hexachloroethane  
Concen: 2.61 ng/ul  
RT: 9.93 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

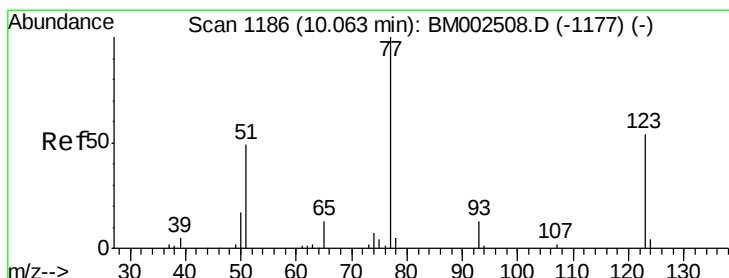
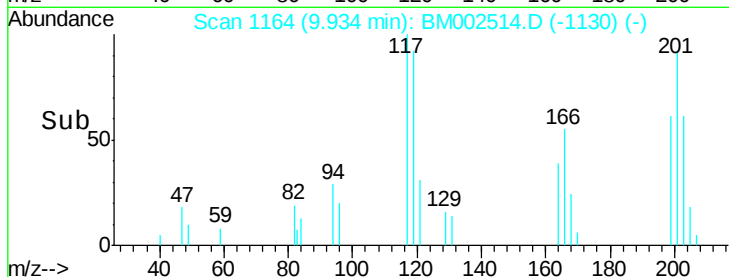
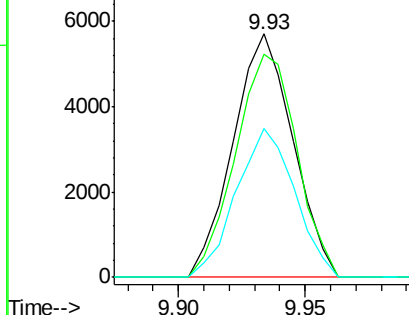
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 9380  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 91.9  | 71.5  | 107.3 |
| 199       | 61.1  | 44.9  | 67.3  |

Manual Integrations  
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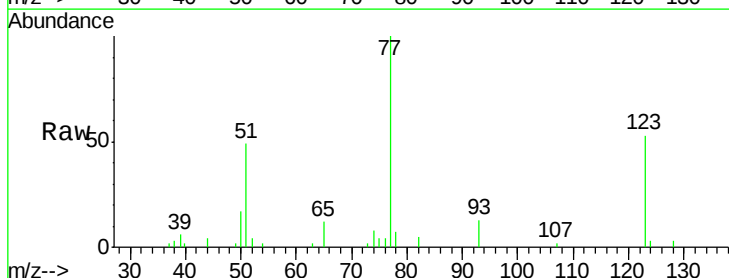


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

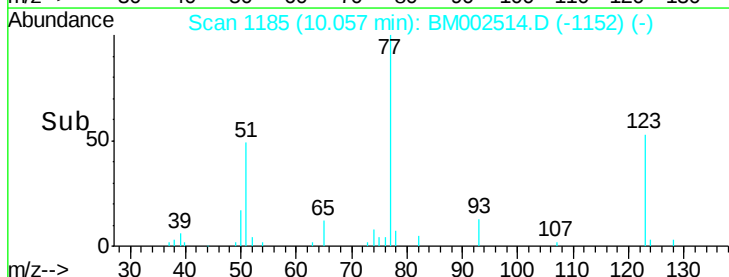
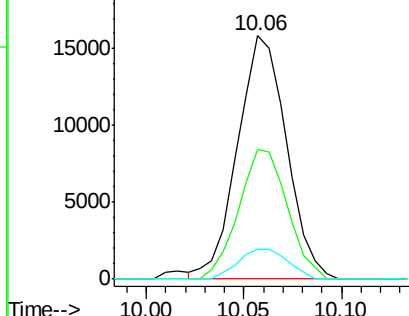


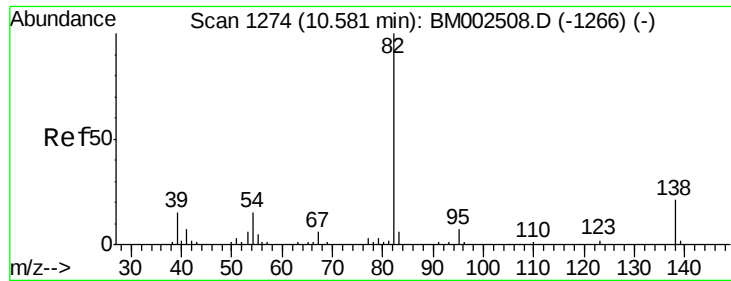
#20  
Nitrobenzene  
Concen: 2.77 ng/ul  
RT: 10.06 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 27595 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 53.0  | 37.0  | 55.6  |
| 65        | 12.4  | 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





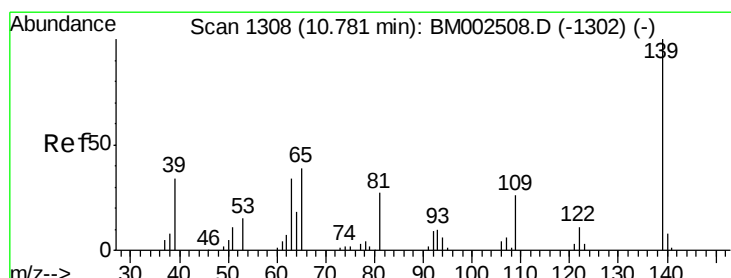
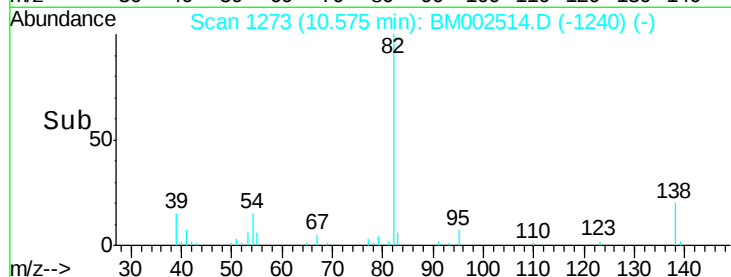
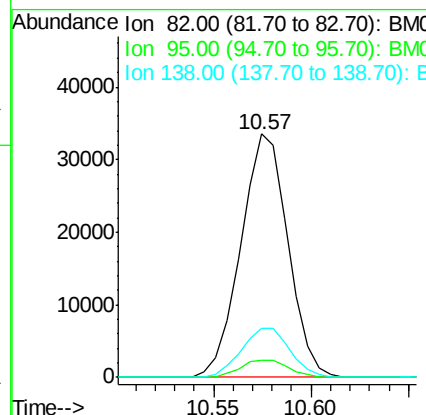
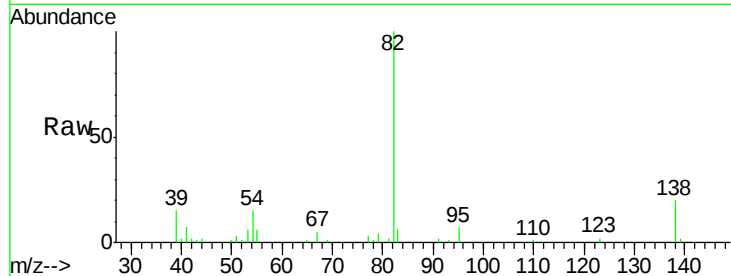
#21  
Isophorone  
Concen: 2.82 ng/ul  
RT: 10.57 min Scan# 1273  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 55986 |       |       |
| 95      | 7.3   | 5.9   | 8.9   |       |
| 138     | 20.2  | 15.0  | 22.4  |       |

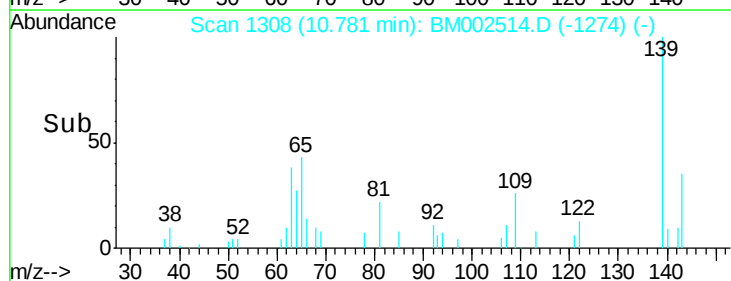
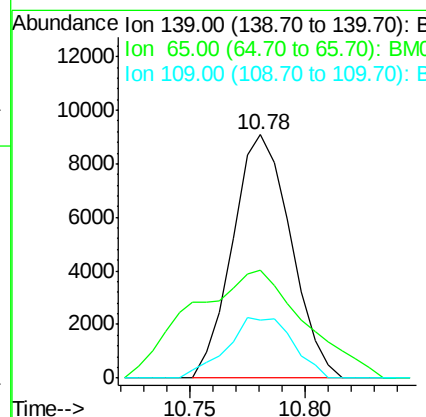
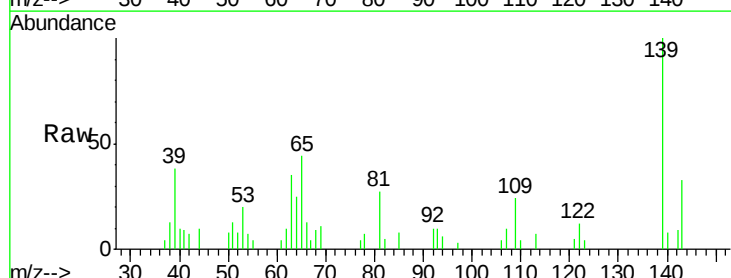
Manual Integrations  
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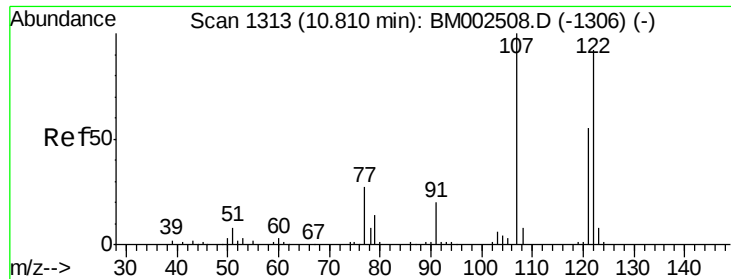
MMDadoda  
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#23  
2-Nitrophenol  
Concen: 3.69 ng/ul  
RT: 10.78 min Scan# 1308  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 15958 |       |       |
| 65      | 44.3  | 43.0  | 64.6  |       |
| 109     | 23.6  | 23.8  | 35.8  |       |





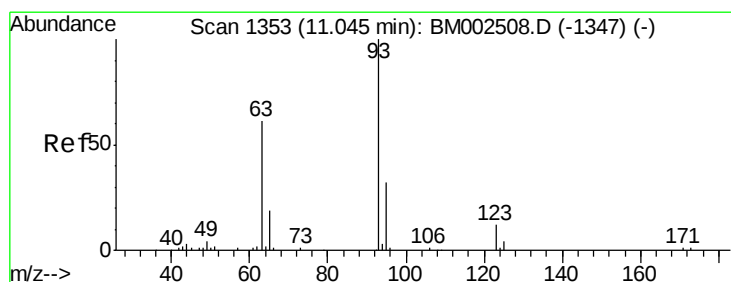
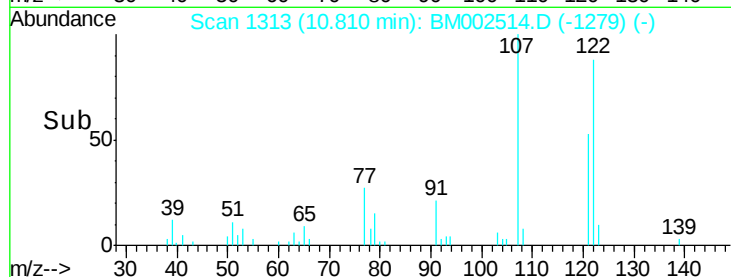
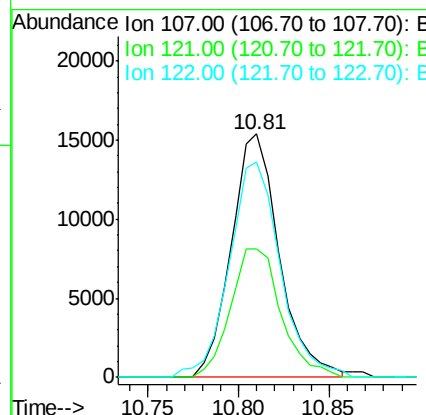
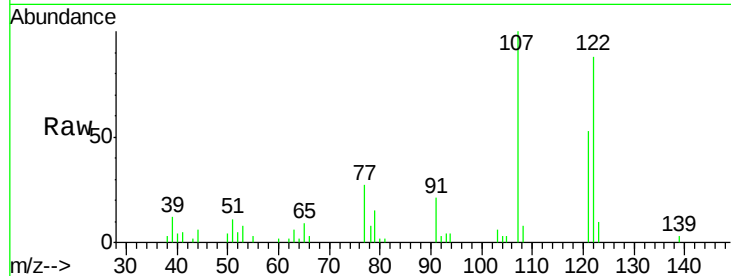
#24  
2,4-Dimethylphenol  
Concen: 2.68 ng/ul  
RT: 10.81 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 28417 |       |       |
| 121     | 52.6  | 41.8  | 62.6  |       |
| 122     | 88.4  | 71.2  | 106.8 |       |

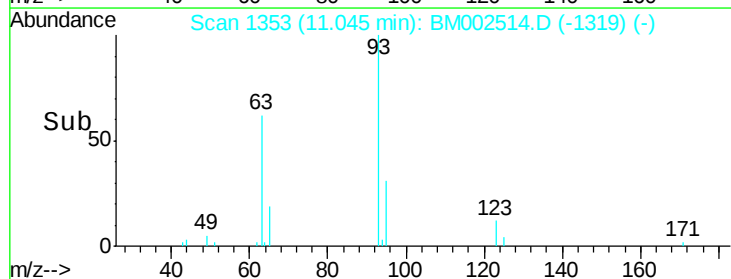
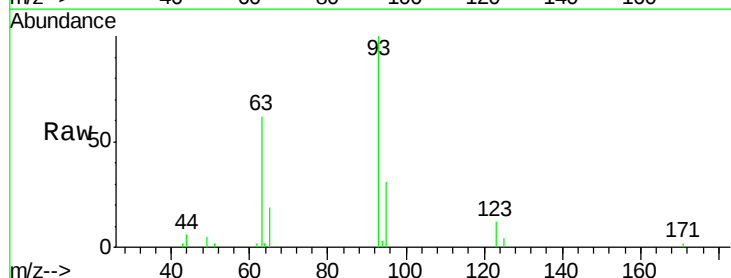
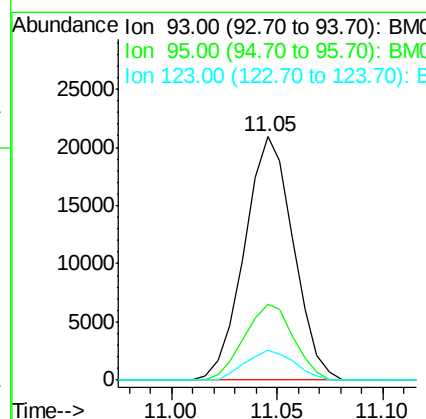
Manual Integrations  
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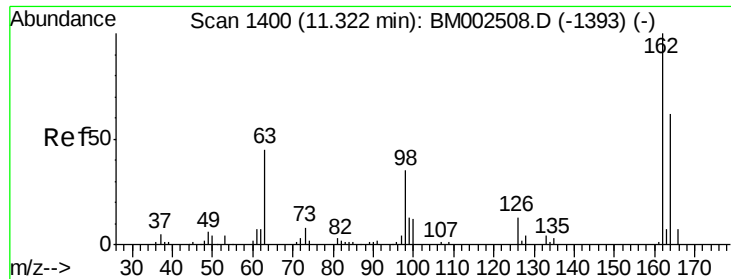
MMDadoda  
8/20/2015 3:37:39 PM



#25  
Bis(2-Chloroethoxy)methane  
Concen: 2.74 ng/ul  
RT: 11.05 min Scan# 1353  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 33676 |       |       |
| 95      | 31.3  | 25.8  | 38.8  |       |
| 123     | 12.4  | 9.3   | 13.9  |       |





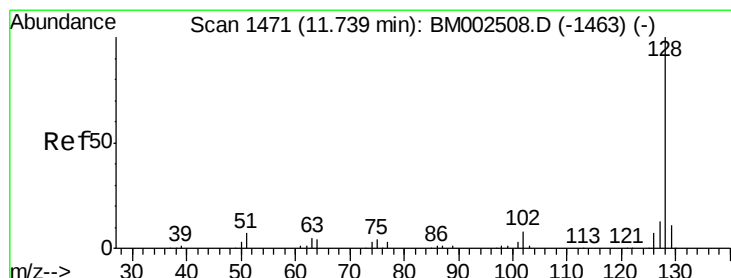
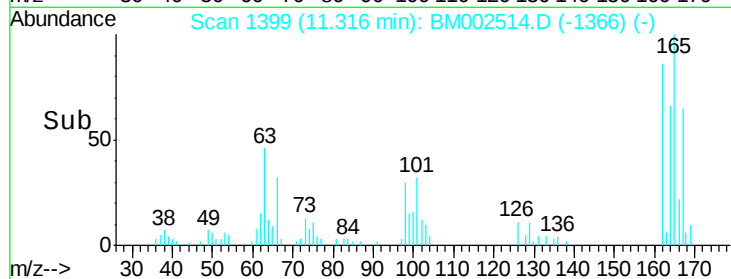
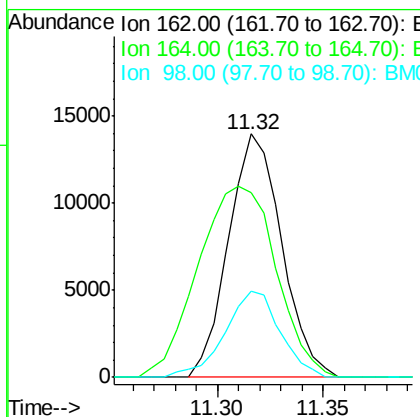
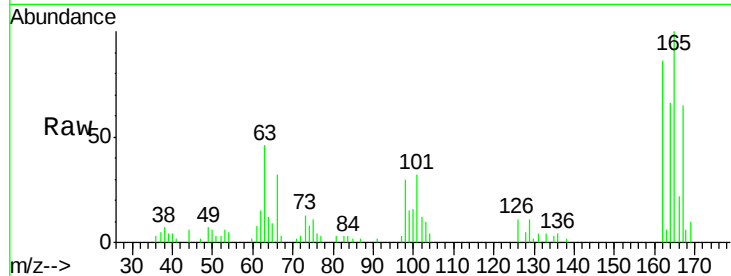
#27  
 2,4-Dichlorophenol  
 Concen: 3.05 ng/ul  
 RT: 11.32 min Scan# 1399  
 Delta R.T. -0.01 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 24436 |       |       |
| 164     | 76.1  | 52.9  | 79.3  |       |
| 98      | 35.3  | 31.4  | 47.0  |       |

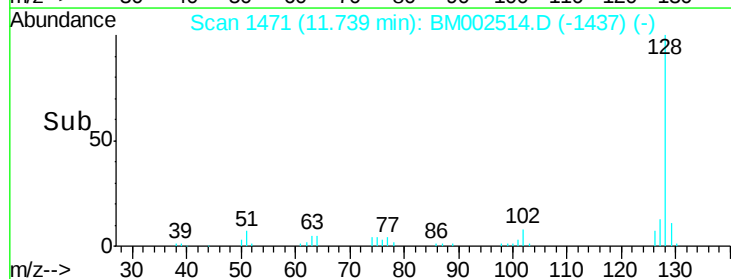
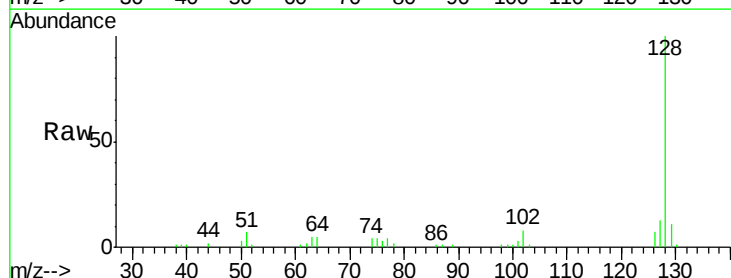
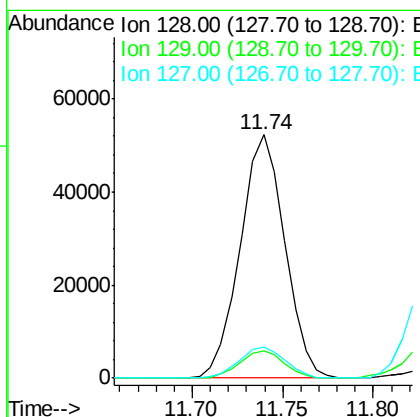
Manual Integrations  
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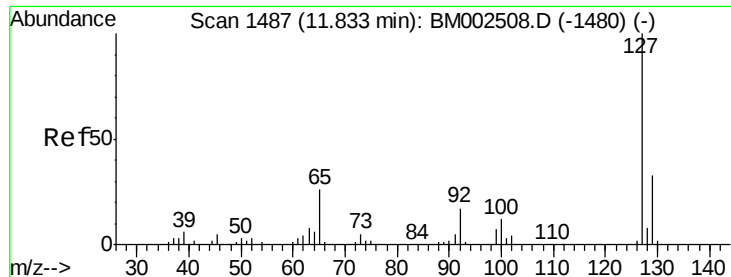
MMDadoda  
 8/20/2015 3:37:39 PM



#28  
 Naphthalene  
 Concen: 2.97 ng/ul  
 RT: 11.74 min Scan# 1471  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 89644 |       |       |
| 129     | 11.1  | 8.6   | 12.8  |       |
| 127     | 12.8  | 10.4  | 15.6  |       |





#30

4-Chloroaniline

Concen: 3.72 ng/ul

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

ClientSampleId :

MDL-05-S-ML

Tgt Ion:127 Resp: 40849

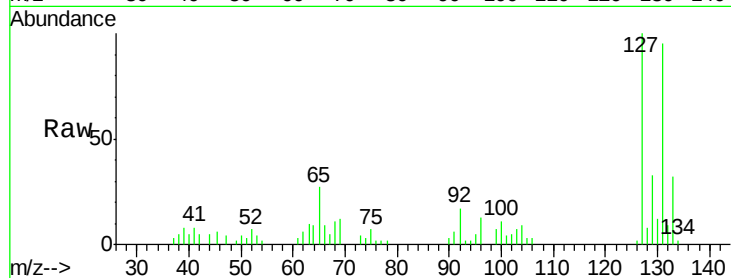
Ion Ratio Lower Upper

127 100

129 32.8 26.6 39.8

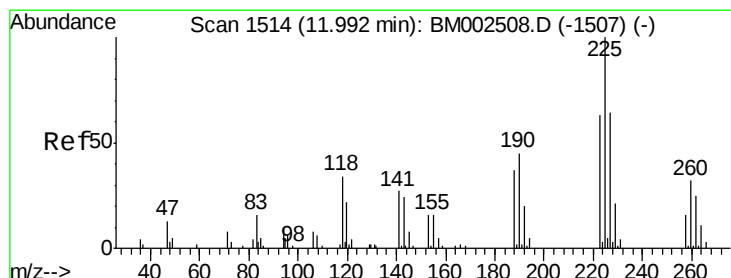
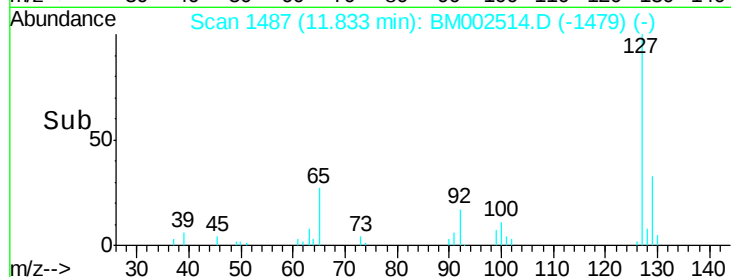
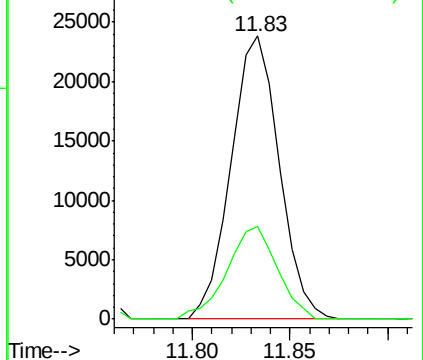
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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 2.98 ng/ul

RT: 11.99 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

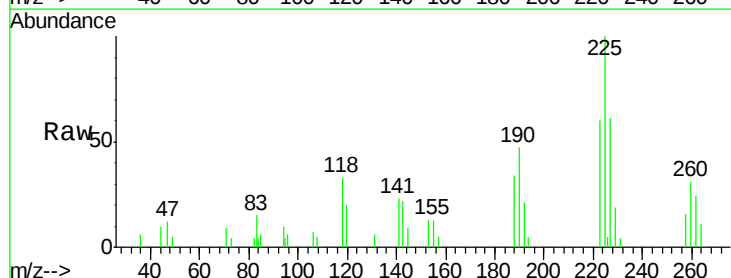
Tgt Ion:225 Resp: 13810

Ion Ratio Lower Upper

225 100

223 59.8 51.0 76.4

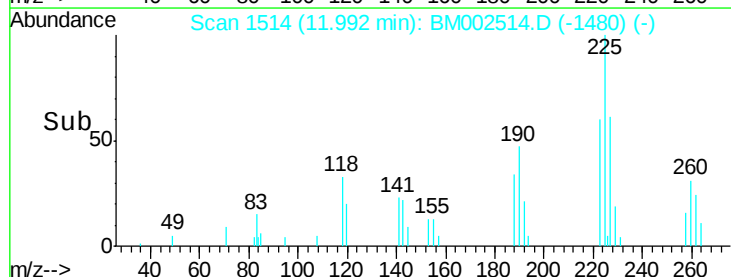
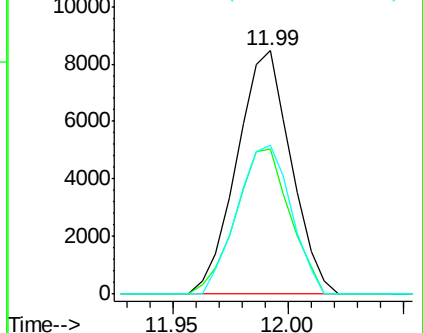
227 61.1 52.1 78.1

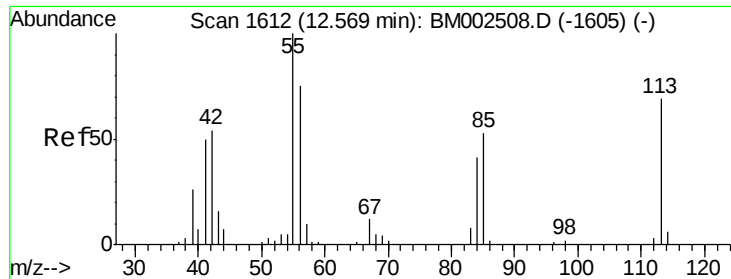


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.97 ng/ul m

RT: 12.59 min Scan# 1616

Delta R.T. 0.02 min

Lab File: BM002514.D

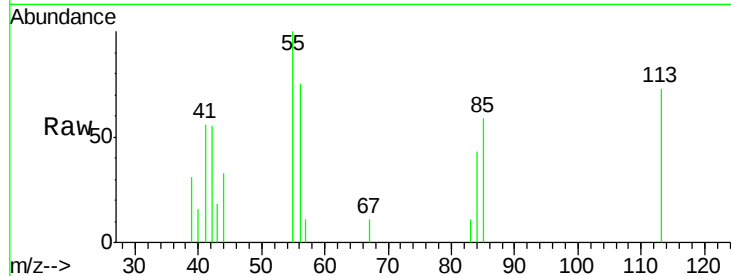
Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

ClientSampleId :

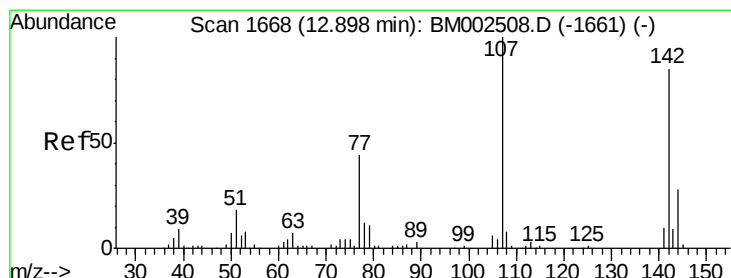
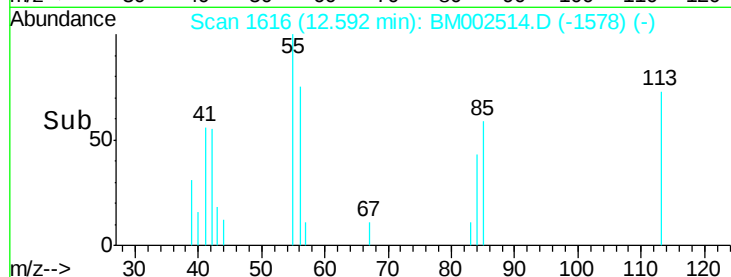
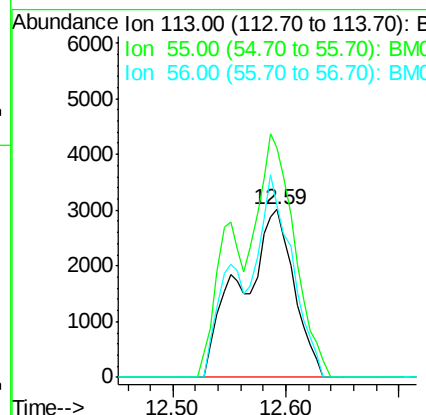
MDL-05-S-ML



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 9805   |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 137.2 | 152.5 | 228.7# |
| 56       | 102.5 | 111.4 | 167.0# |

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8/20/2015 3:37:39 PM



#33

4-Chloro-3-methylphenol

Concen: 2.82 ng/ul

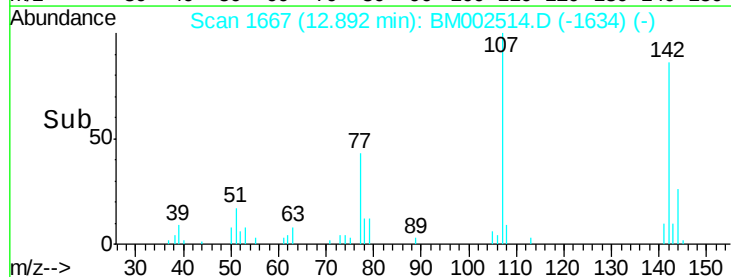
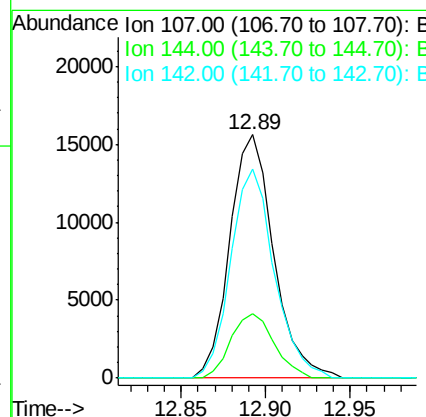
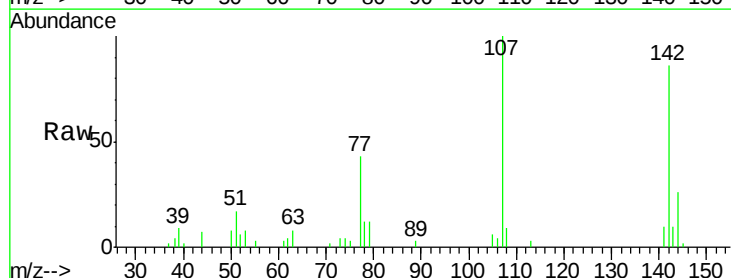
RT: 12.89 min Scan# 1667

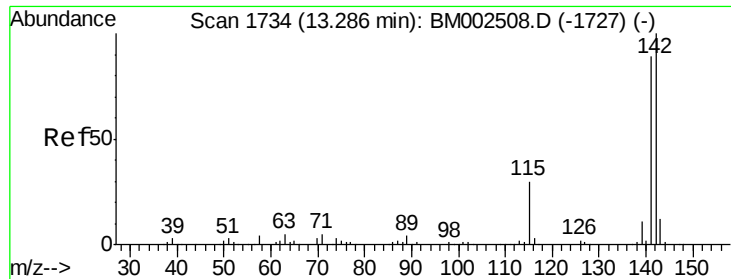
Delta R.T. -0.01 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 28251 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 26.2  | 20.3  | 30.5  |
| 142      | 85.7  | 63.1  | 94.7  |





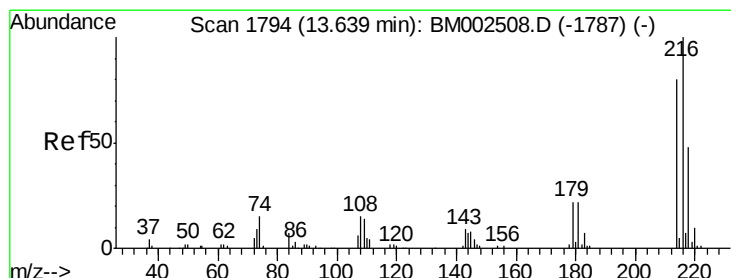
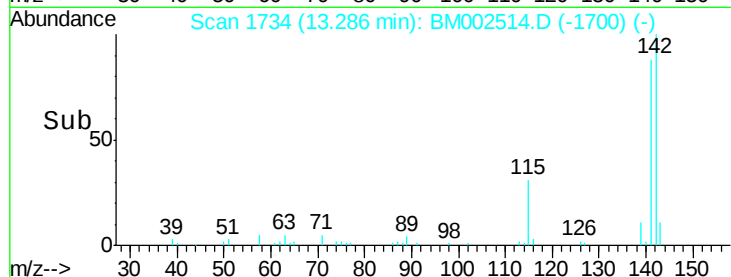
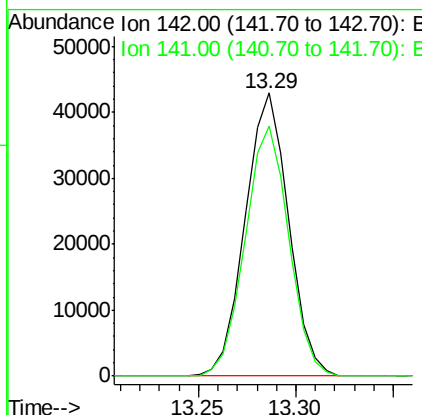
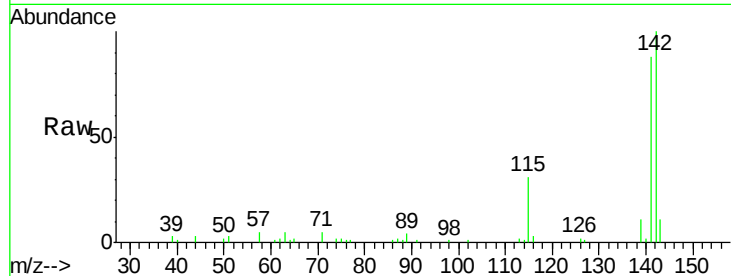
#34  
 2-Methylnaphthalene  
 Concen: 3.08 ng/u1  
 RT: 13.29 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

Tgt Ion:142 Resp: 66291  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 72.5 108.7

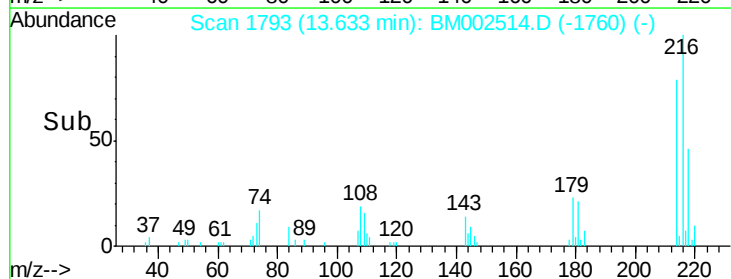
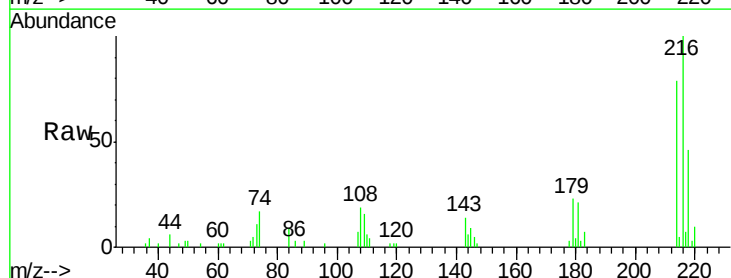
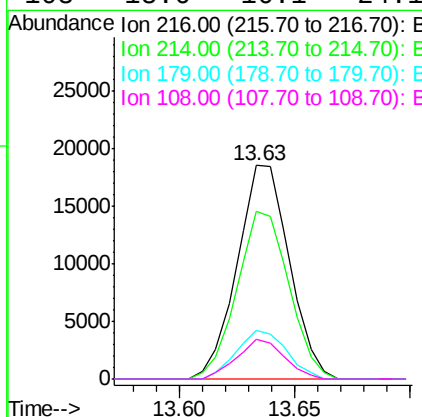
Manual Integrations  
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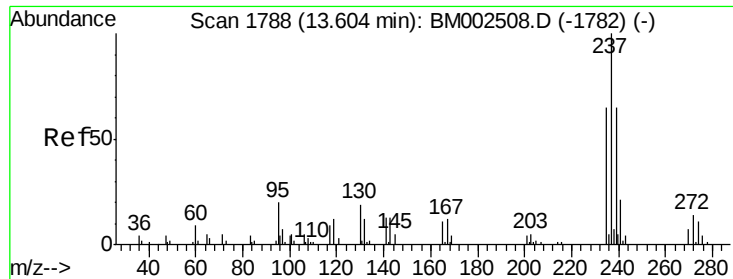
MMDadoda  
 8/20/2015 3:37:39 PM



#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.11 ng/u1  
 RT: 13.63 min Scan# 1793  
 Delta R.T. -0.01 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Tgt Ion:216 Resp: 29213  
 Ion Ratio Lower Upper  
 216 100  
 214 78.7 63.1 94.7  
 179 22.8 18.9 28.3  
 108 18.6 16.1 24.1





#38

Hexachlorocyclopentadiene

Concen: 1.16 ng/ul

RT: 13.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BM002514.D

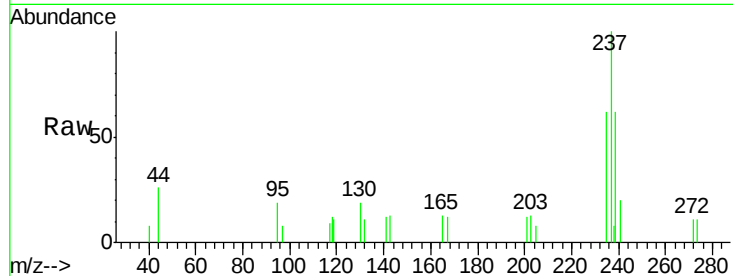
Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

ClientSampleId :

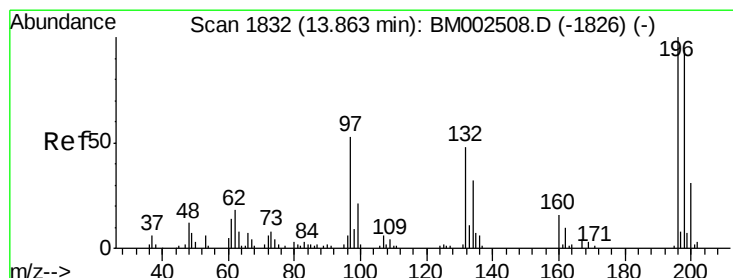
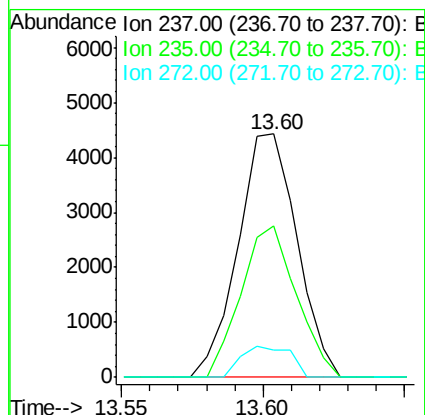
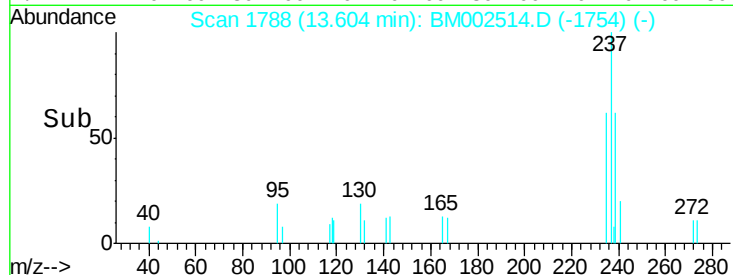
MDL-05-S-ML



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 6419 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 62.4  | 51.0  | 76.6 |
| 272       | 11.3  | 10.8  | 16.2 |

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8/20/2015 3:37:39 PM



#39

2,4,6-Trichlorophenol

Concen: 3.12 ng/ul

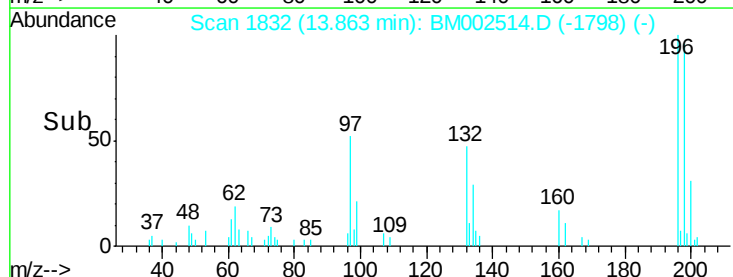
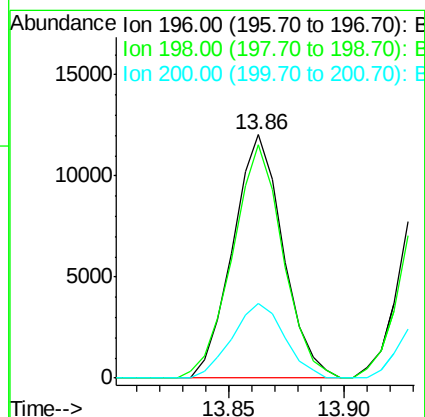
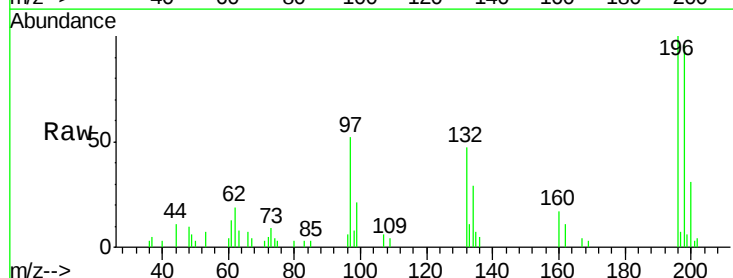
RT: 13.86 min Scan# 1832

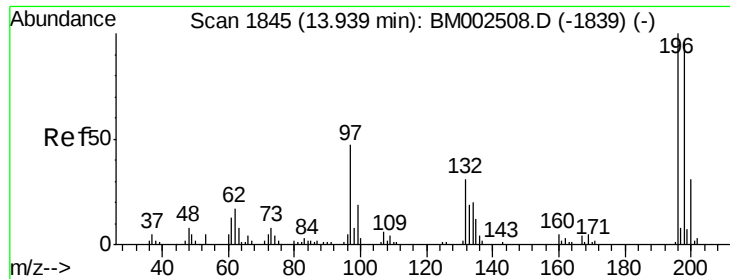
Delta R.T. -0.00 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 18241 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 95.7  | 77.1  | 115.7 |
| 200       | 30.7  | 24.8  | 37.2  |





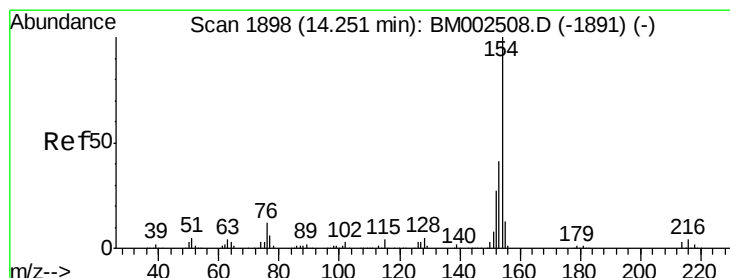
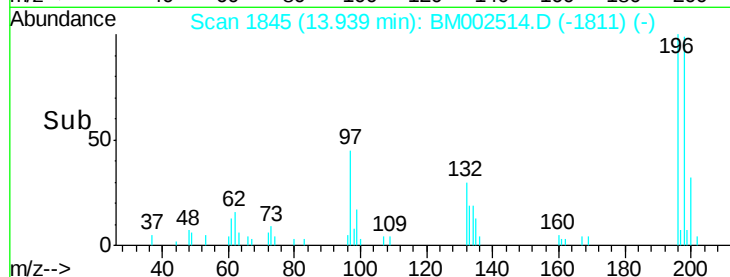
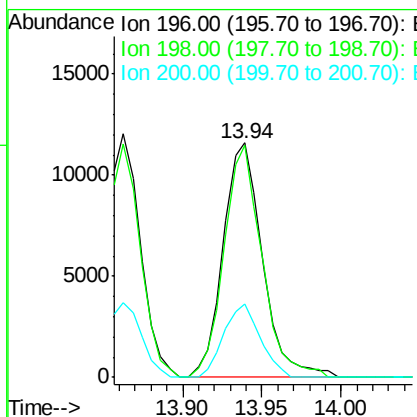
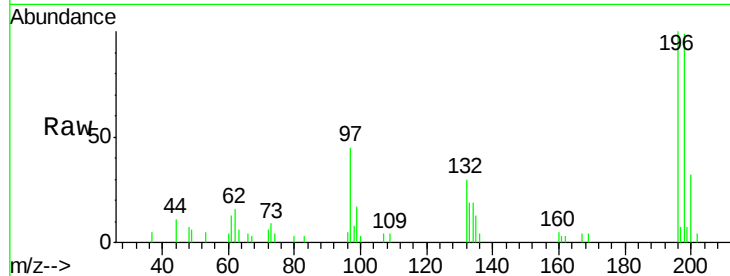
#40  
 2,4,5-Trichlorophenol  
 Concen: 3.04 ng/ul  
 RT: 13.94 min Scan# 1845  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 19981 |       |       |
| 198     | 99.0  | 78.6  | 117.8 |       |
| 200     | 31.5  | 25.0  | 37.4  |       |

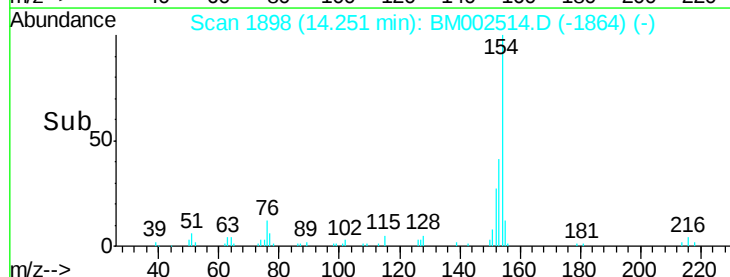
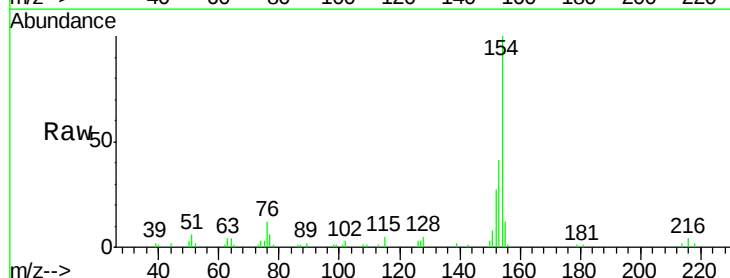
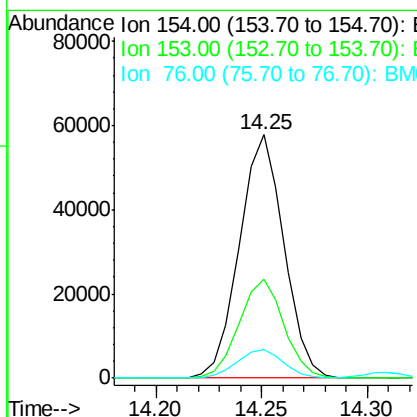
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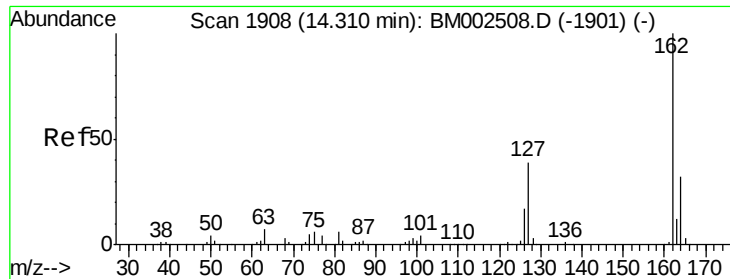
MMDadoda  
 8/20/2015 3:37:39 PM



#41  
 1,1'-Biphenyl  
 Concen: 3.06 ng/ul  
 RT: 14.25 min Scan# 1898  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 84515 |       |       |
| 153     | 40.6  | 32.1  | 48.1  |       |
| 76      | 11.6  | 11.0  | 16.4  |       |





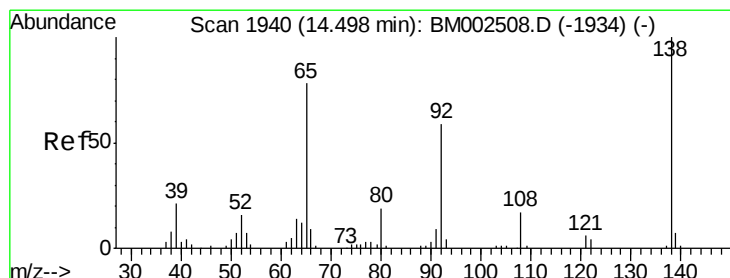
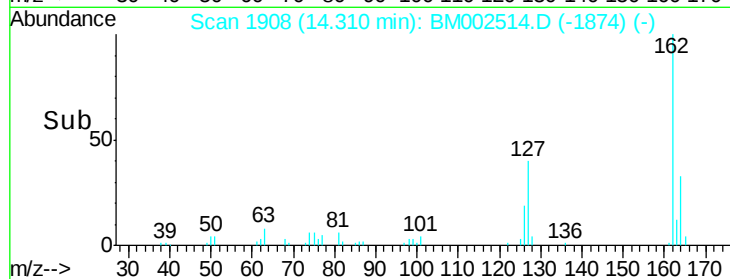
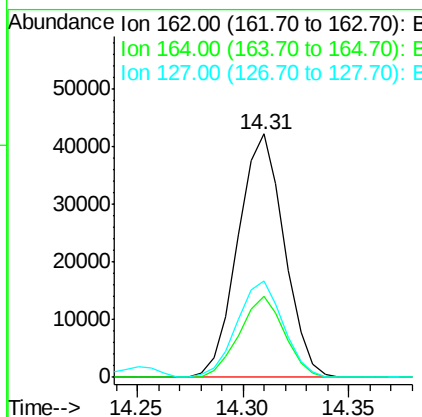
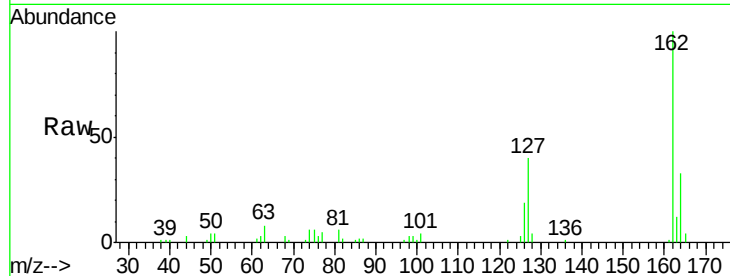
#42  
 2-Chloronaphthalene  
 Concen: 3.06 ng/ul  
 RT: 14.31 min Scan# 1908  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.4  | 26.7  | 40.1  |
| 127     | 39.5  | 33.6  | 50.4  |

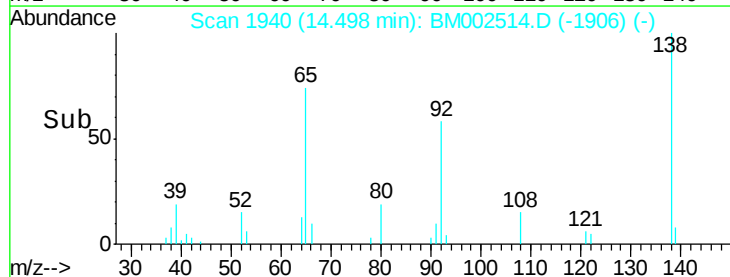
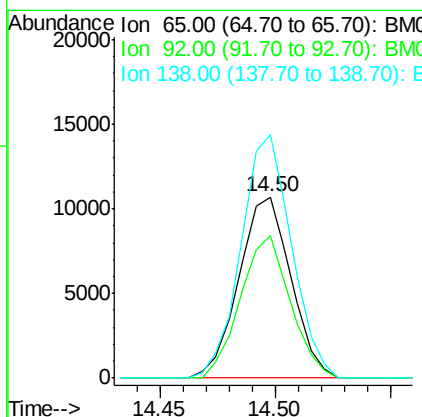
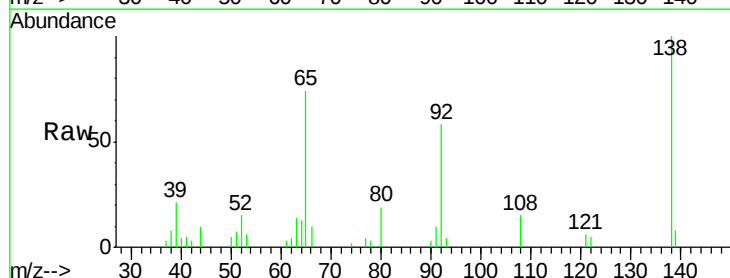
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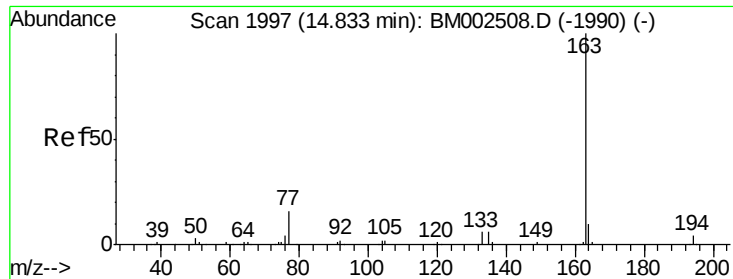
MMDadoda  
 8/20/2015 3:37:39 PM



#43  
 2-Nitroaniline  
 Concen: 2.64 ng/ul  
 RT: 14.50 min Scan# 1940  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 78.6  | 54.0  | 81.0   |
| 138     | 134.5 | 83.1  | 124.7# |





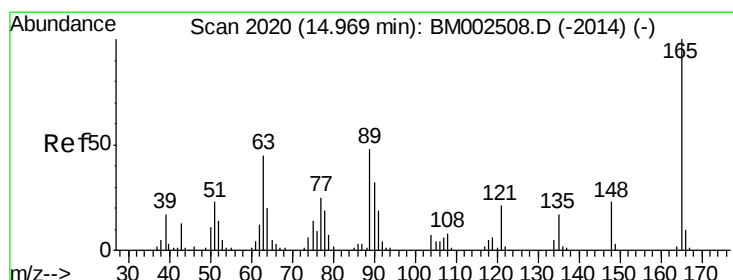
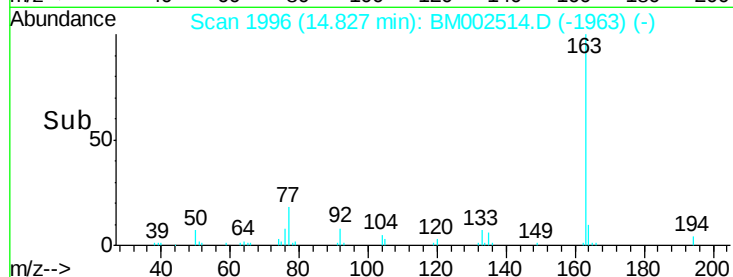
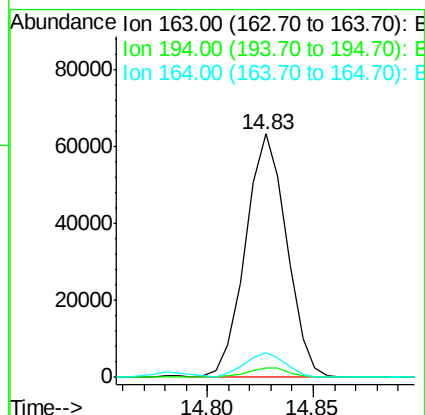
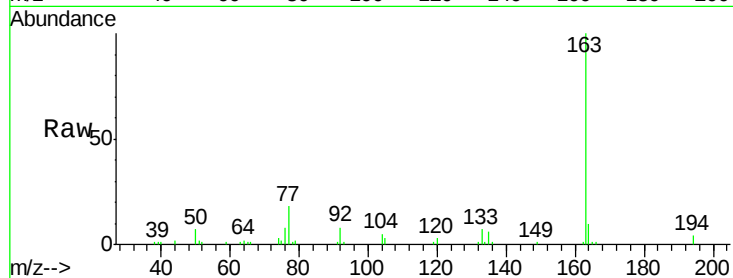
#45  
Dimethylphthalate  
Concen: 3.13 ng/ul  
RT: 14.83 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.2   | 4.8   |
| 164     | 10.1  | 7.9   | 11.9  |

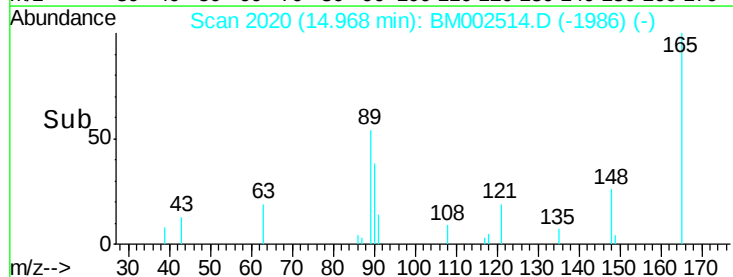
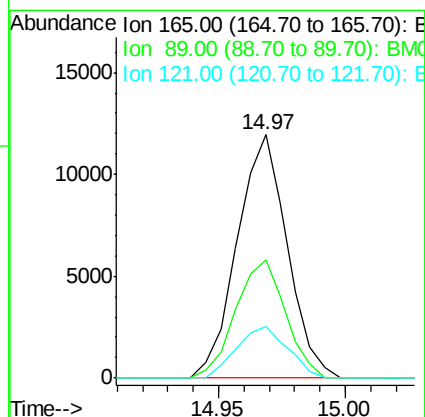
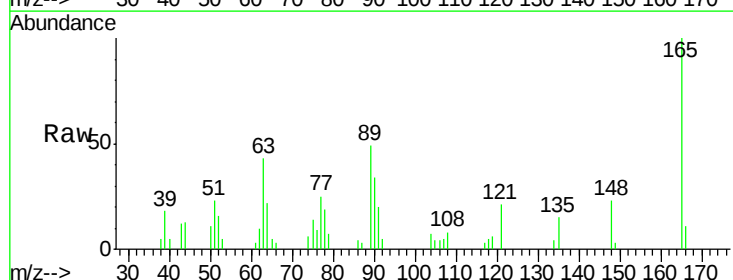
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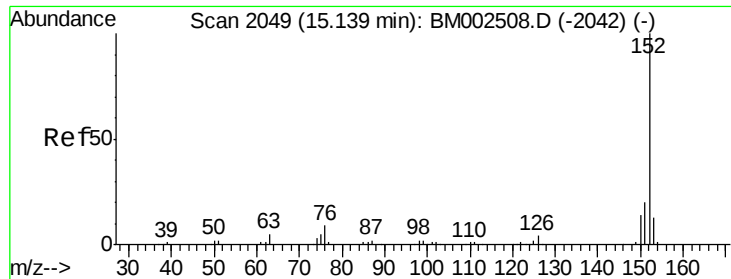
MMDadoda  
8/20/2015 3:37:39 PM



#46  
2,6-Dinitrotoluene  
Concen: 3.19 ng/ul  
RT: 14.97 min Scan# 2020  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 48.6  | 46.6  | 69.8  |
| 121     | 21.2  | 19.0  | 28.4  |





#48

Acenaphthylene

Concen: 3.15 ng/ul

RT: 15.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM002514.D

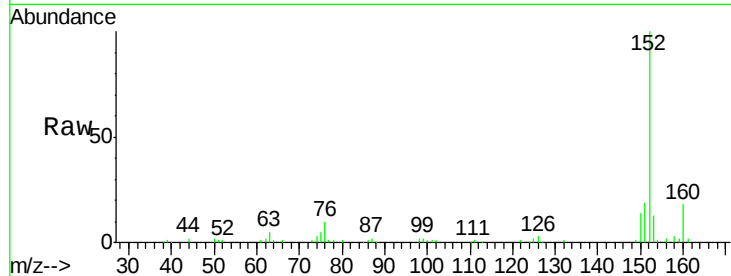
Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

ClientSampleId :

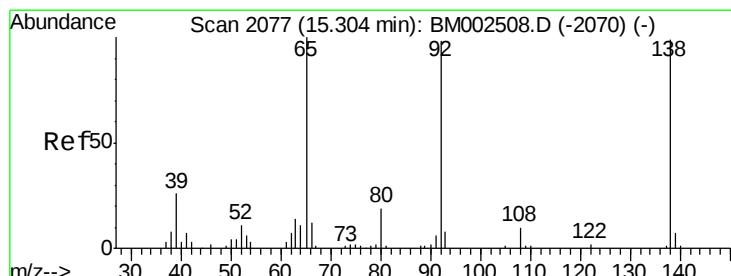
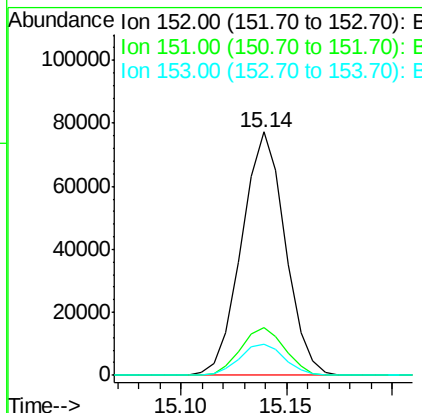
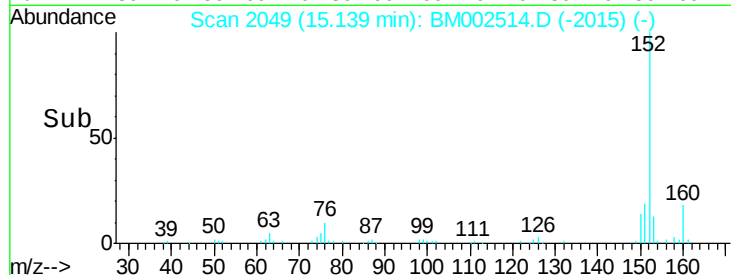
MDL-05-S-ML



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 110647 |       |       |
| 151     | 19.4  | 15.9   | 23.9  |       |
| 153     | 13.0  | 10.6   | 15.8  |       |

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#49

3-Nitroaniline

Concen: 3.66 ng/ul

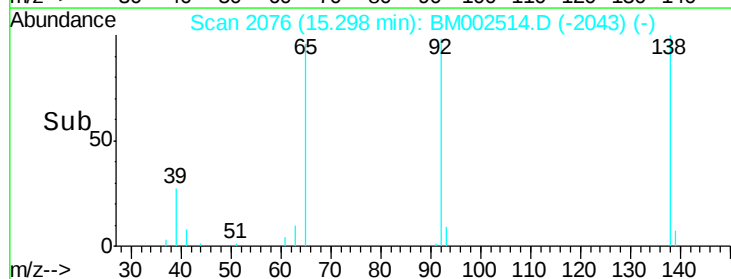
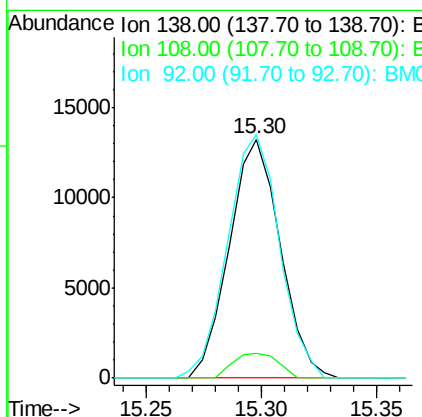
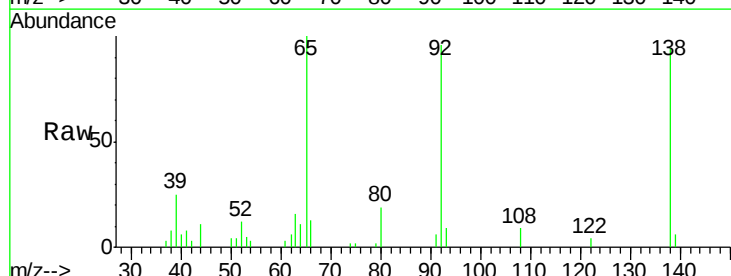
RT: 15.30 min Scan# 2076

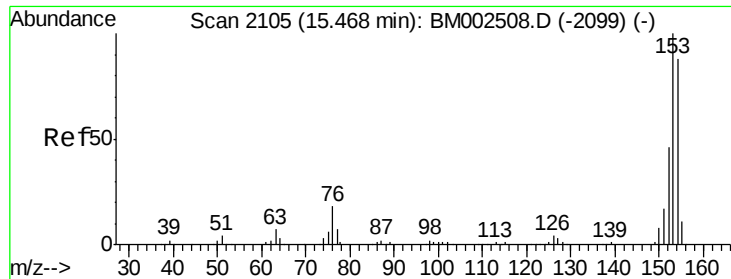
Delta R.T. -0.01 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 20383 |       |       |
| 108     | 10.1  | 11.7  | 17.5# |       |
| 92      | 102.1 | 94.3  | 141.5 |       |





#50

Acenaphthene

Concen: 3.06 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM002514.D

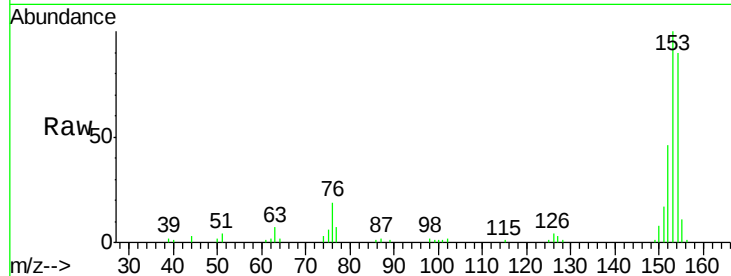
Acq: 20 Aug 2015 05:11

Instrument :

BNA\_M

ClientSampleId :

MDL-05-S-ML



Tgt Ion:153 Resp: 72432

Ion Ratio Lower Upper

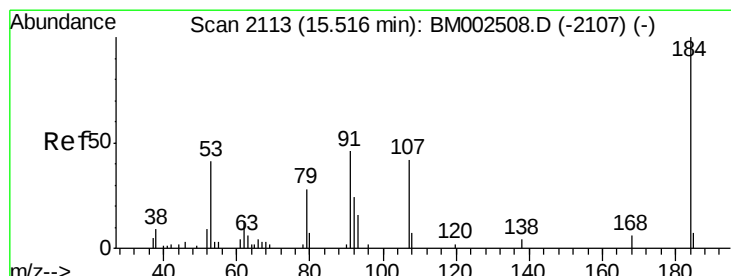
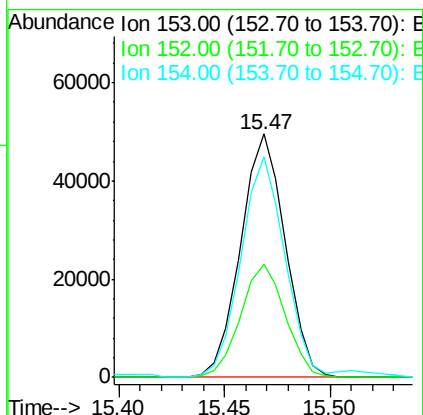
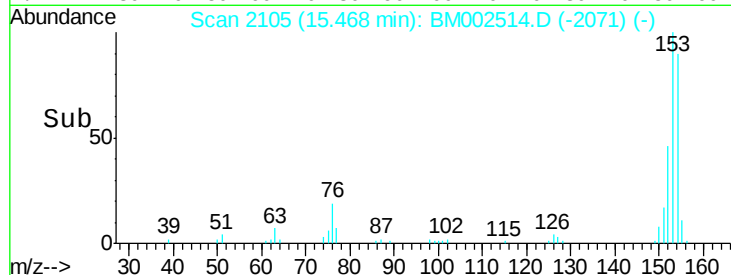
153 100

152 46.2 36.6 55.0

154 90.4 71.5 107.3

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#51

2,4-Dinitrophenol

Concen: 2.05 ng/ul

RT: 15.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM002514.D

Acq: 20 Aug 2015 05:11

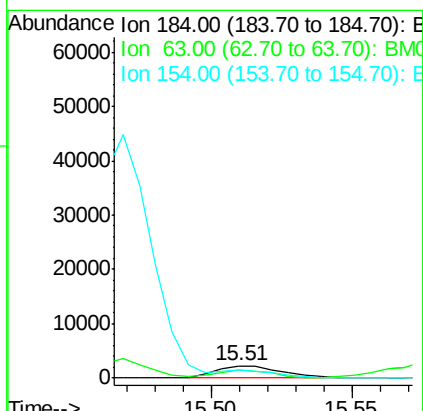
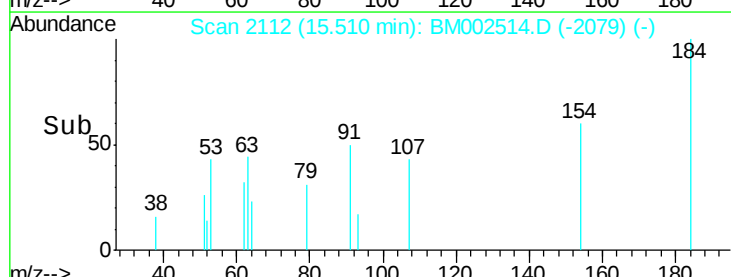
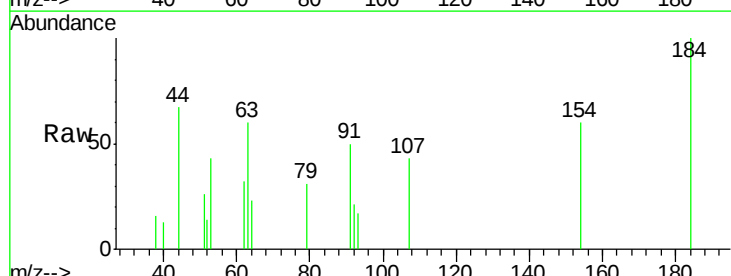
Tgt Ion:184 Resp: 3644

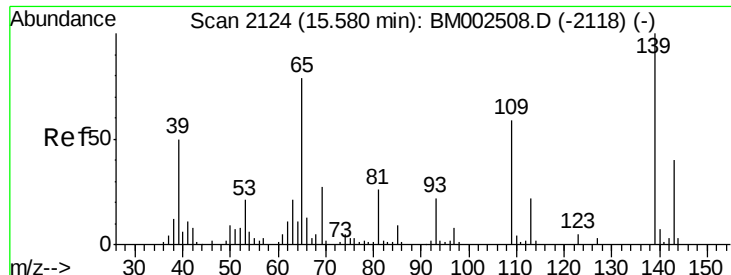
Ion Ratio Lower Upper

184 100

63 60.2 94.8 142.2#

154 60.1 525.6 788.4#





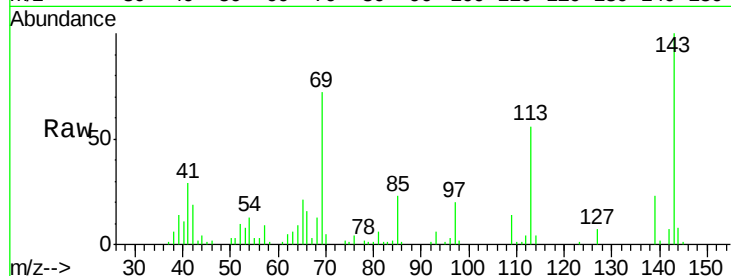
#53  
4-Nitrophenol  
Concen: 2.79 ng/ul  
RT: 15.58 min Scan# 2124  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

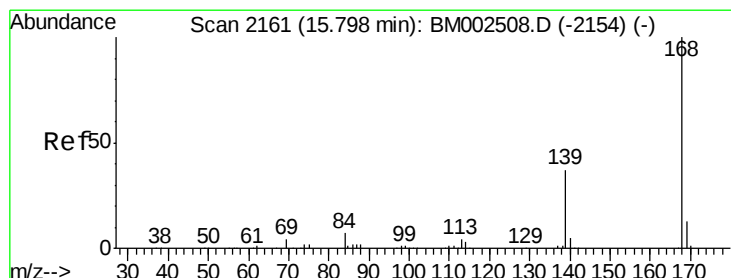
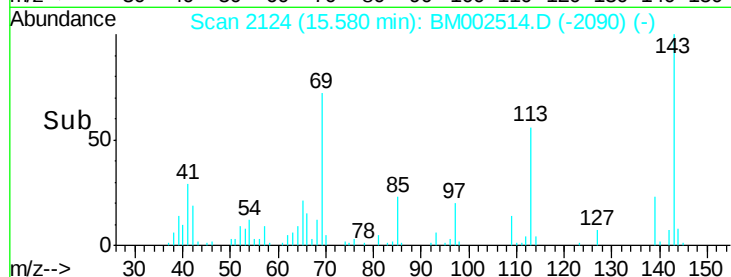
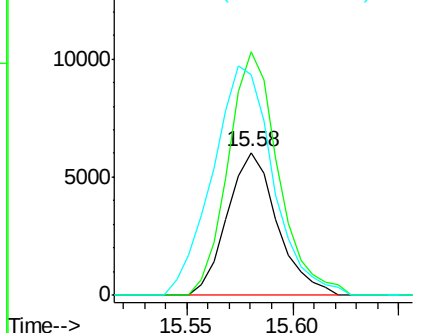
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 109     | 100   | 9929  |       |       |
| 139     | 170.4 | 118.7 | 178.1 |       |
| 65      | 154.4 | 116.6 | 174.8 |       |

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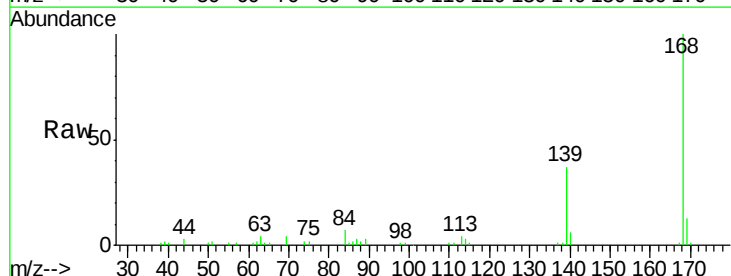


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM

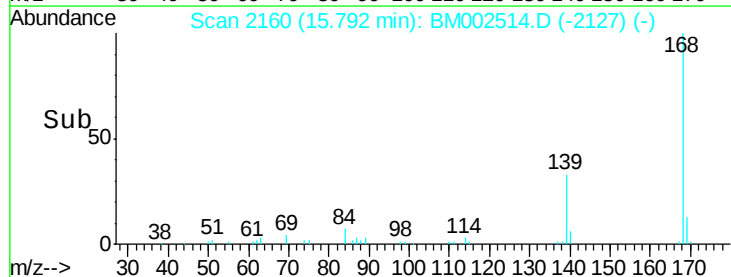
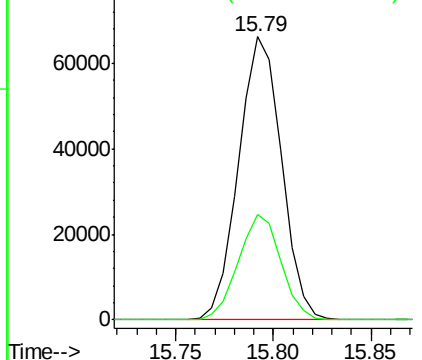


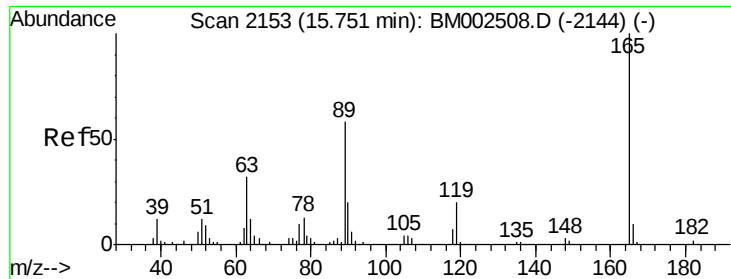
#54  
Dibenzofuran  
Concen: 3.19 ng/ul  
RT: 15.79 min Scan# 2160  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 100684 |       |       |
| 139     | 37.4  | 31.3   | 46.9  |       |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E





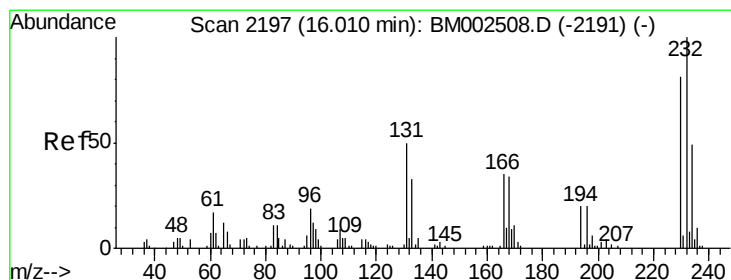
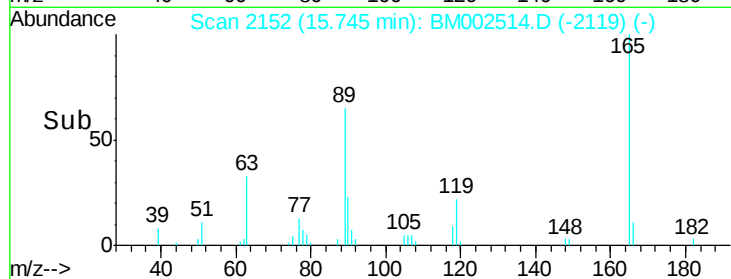
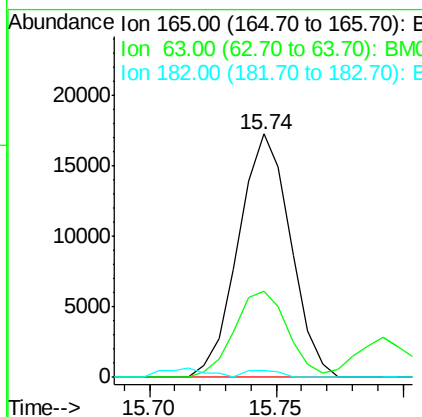
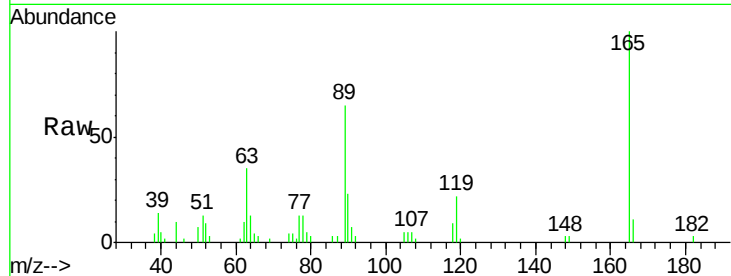
#55  
2,4-Dinitrotoluene  
Concen: 3.39 ng/ul  
RT: 15.74 min Scan# 2152  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 24763 |       |       |
| 63      | 35.5  | 35.9  | 53.9# |       |
| 182     | 2.7   | 2.5   | 3.7   |       |

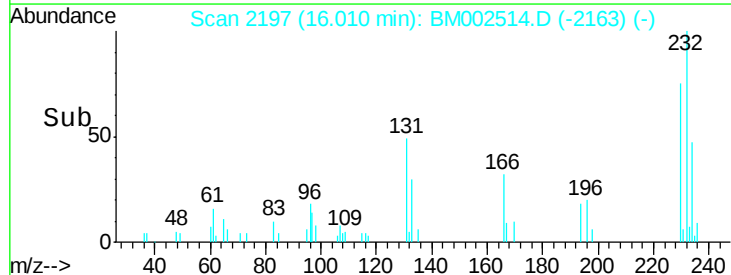
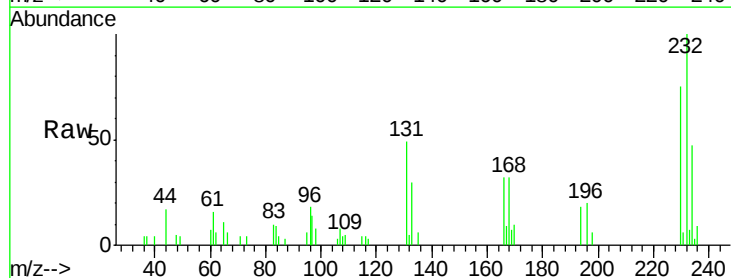
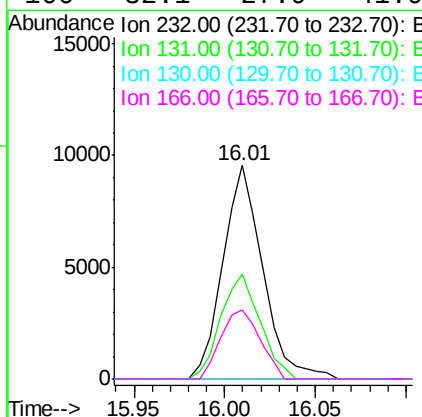
Manual Integrations  
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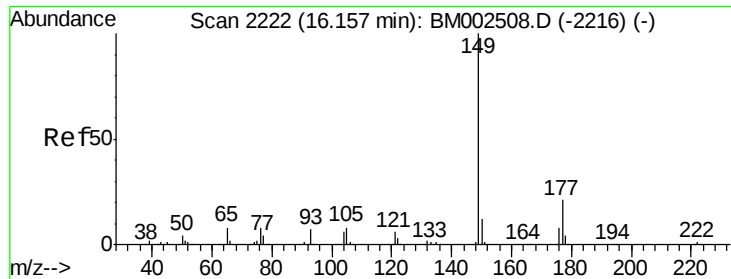
MMDadoda  
8/20/2015 3:37:39 PM



#56  
2,3,4,6-Tetrachlorophenol  
Concen: 2.93 ng/ul  
RT: 16.01 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 14650 |       |       |
| 131     | 49.2  | 42.2  | 63.4  |       |
| 130     | 0.0   | 2.2   | 3.4#  |       |
| 166     | 32.1  | 27.9  | 41.9  |       |





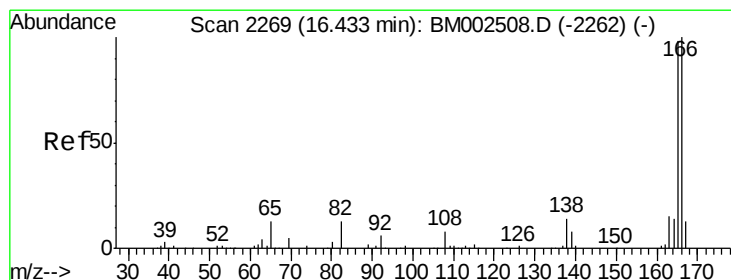
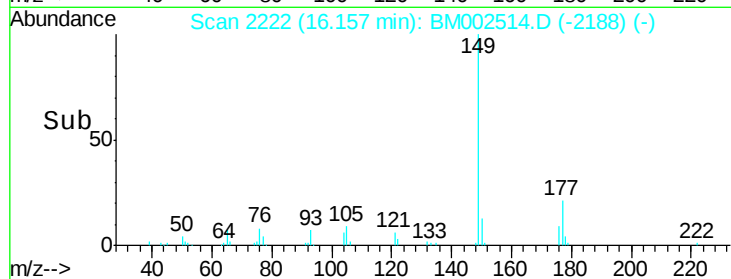
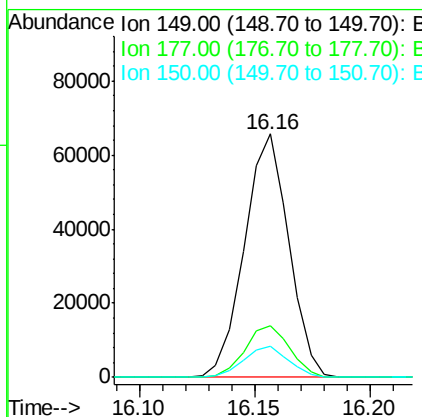
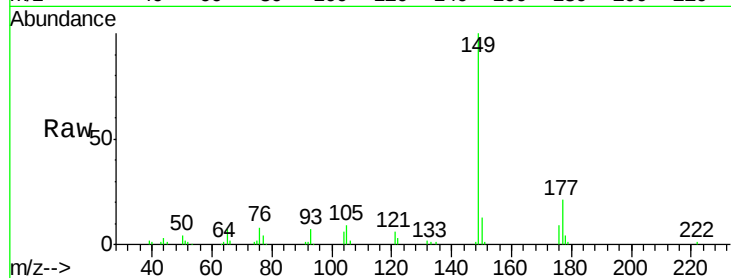
#57  
Diethylphthalate  
Concen: 2.99 ng/ul  
RT: 16.16 min Scan# 2222  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 16.7  | 25.1  |
| 150     | 12.5  | 9.9   | 14.9  |

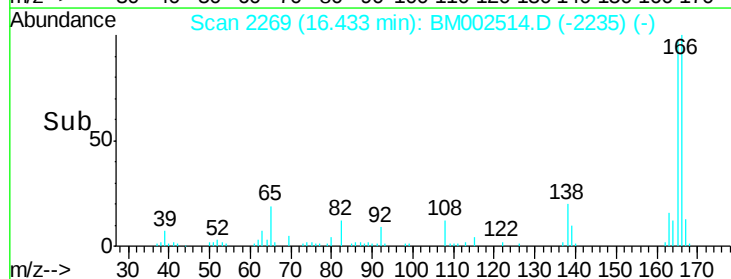
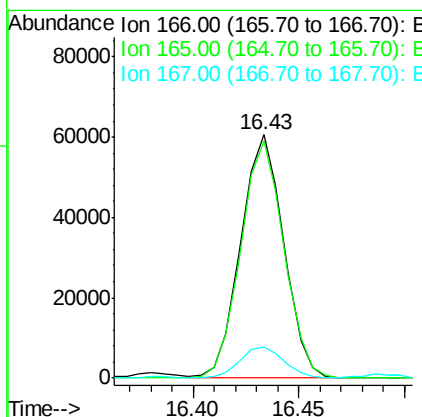
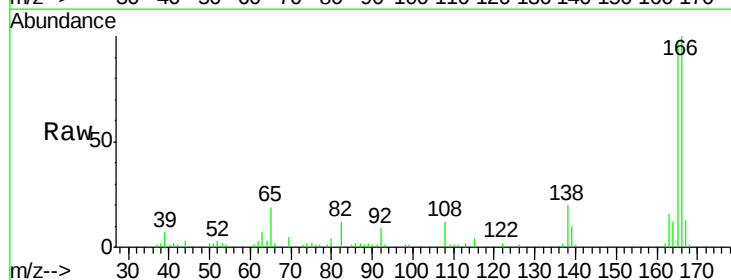
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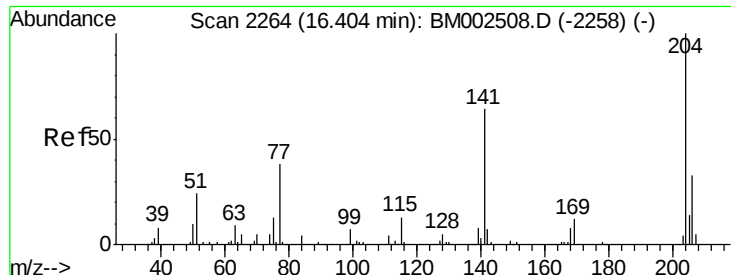
MMDadoda  
8/20/2015 3:37:39 PM



#59  
Fluorene  
Concen: 3.21 ng/ul  
RT: 16.43 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 77.5  | 116.3 |
| 167     | 12.9  | 10.4  | 15.6  |





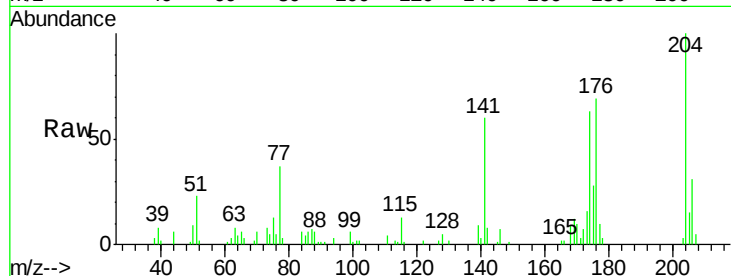
#60  
4-Chlorophenyl-phenylether  
Concen: 3.13 ng/ul  
RT: 16.40 min Scan# 2264  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

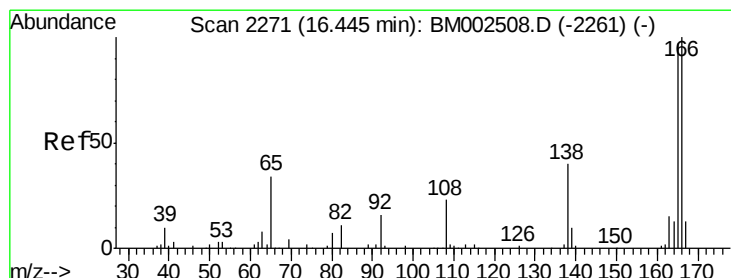
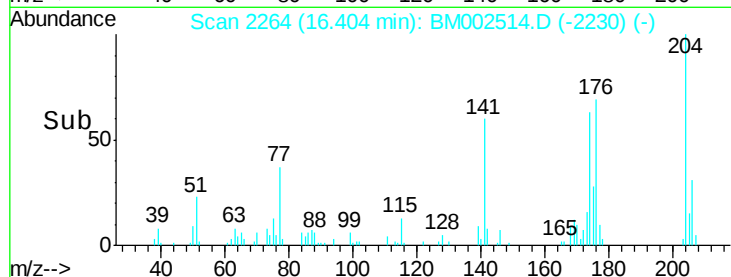
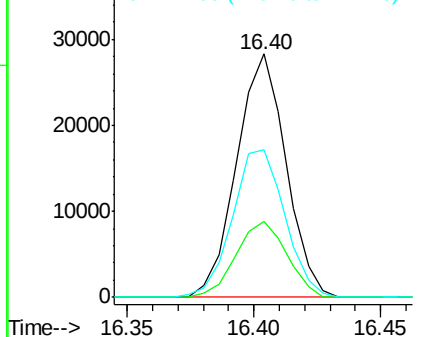
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 38186 |       |       |
| 206     | 31.3  | 26.0  | 39.0  |       |
| 141     | 60.5  | 53.7  | 80.5  |       |

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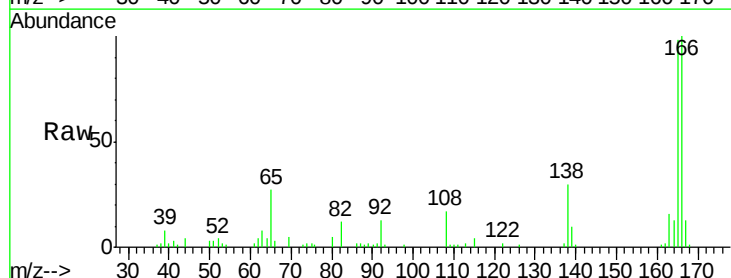


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

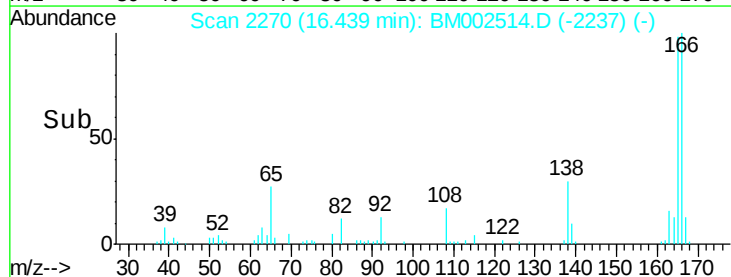
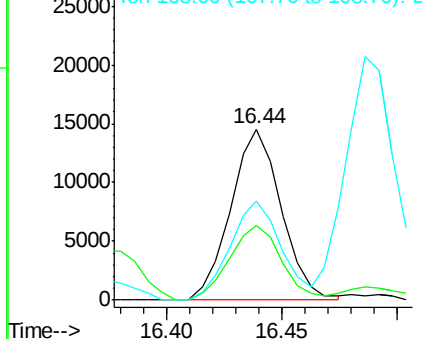


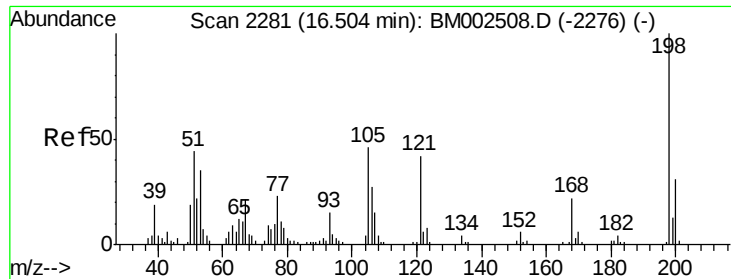
#61  
4-Nitroaniline  
Concen: 3.44 ng/ul  
RT: 16.44 min Scan# 2270  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 22110 |       |       |
| 92      | 44.0  | 40.4  | 60.6  |       |
| 108     | 57.6  | 56.2  | 84.2  |       |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E





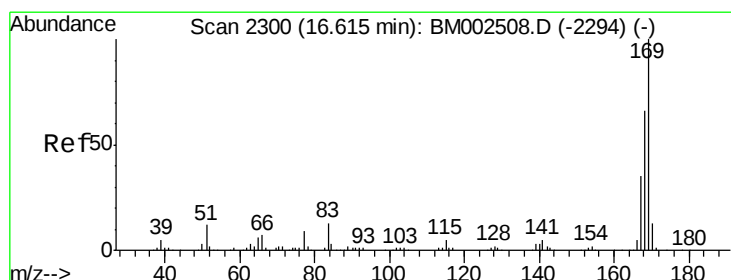
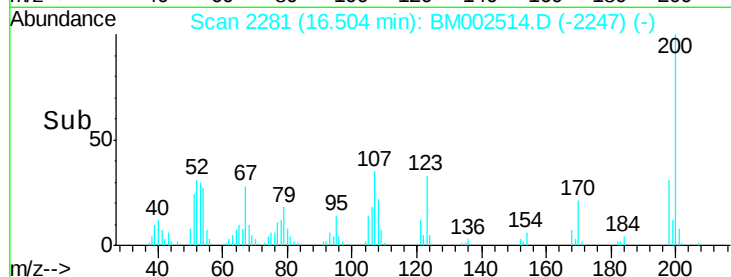
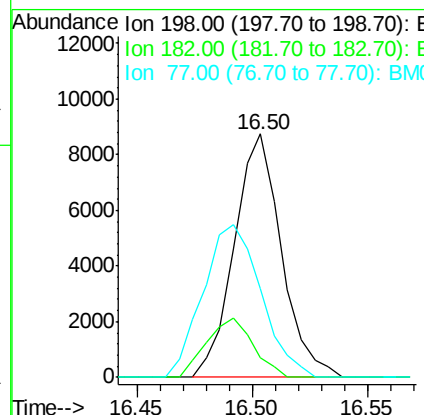
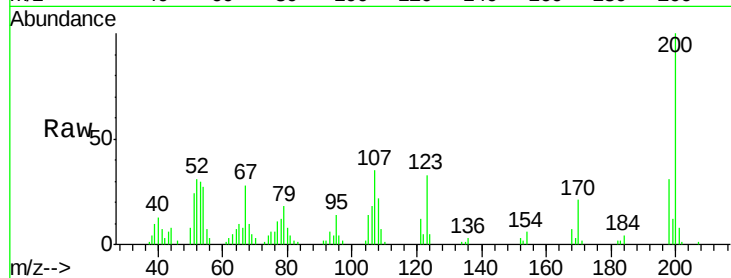
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.92 ng/ul  
 RT: 16.50 min Scan# 2281  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 12448 |       |       |
| 182     | 8.0   | 3.7   | 5.5#  |       |
| 77      | 36.2  | 24.2  | 36.4  |       |

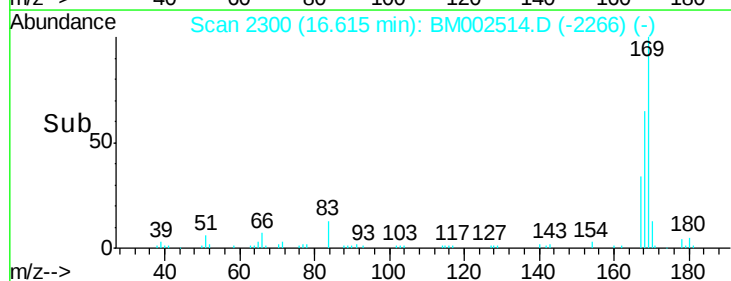
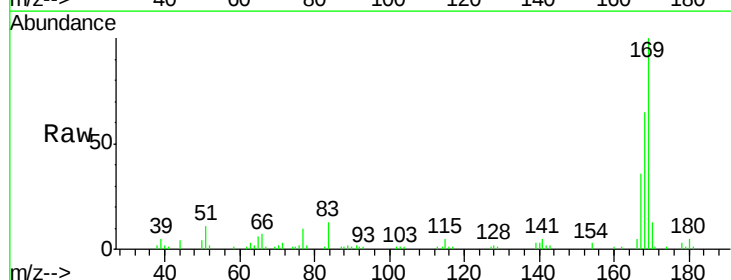
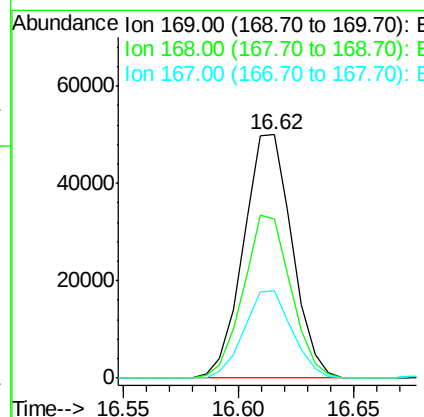
Manual Integrations  
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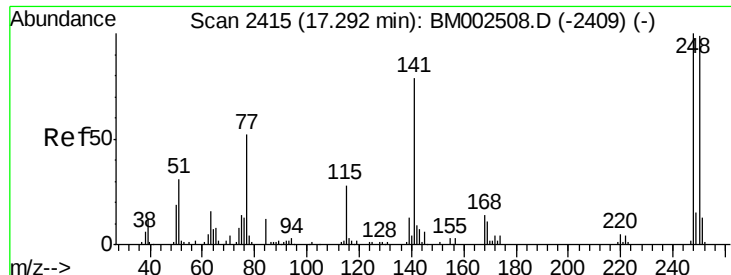
MMDadoda  
 8/20/2015 3:37:39 PM



#65  
 N-Nitrosodiphenylamine  
 Concen: 3.11 ng/ul  
 RT: 16.62 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 73249 |       |       |
| 168     | 65.2  | 53.4  | 80.2  |       |
| 167     | 35.7  | 28.8  | 43.2  |       |





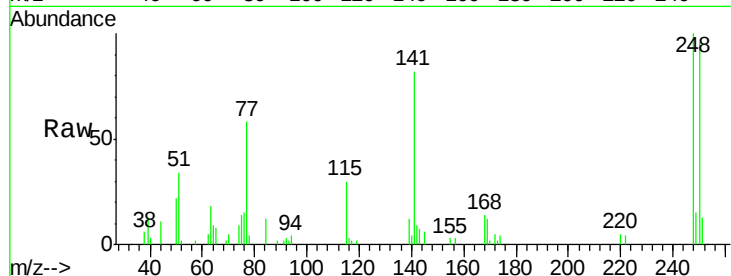
#66  
4-Bromophenyl-phenylether  
Concen: 2.98 ng/ul  
RT: 17.29 min Scan# 2414  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

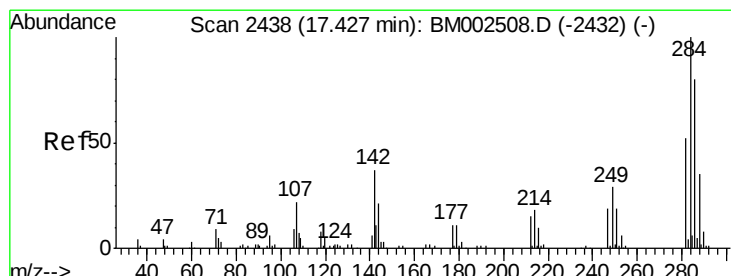
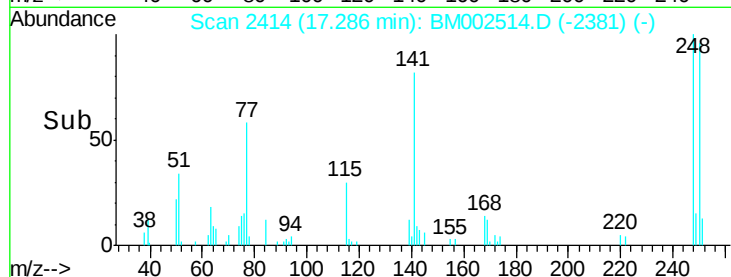
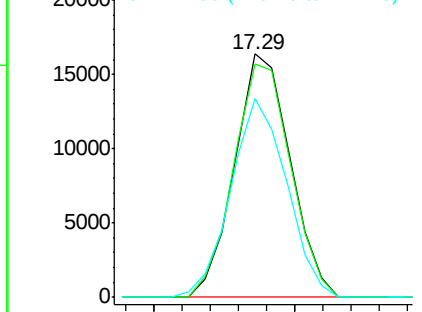
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.9  | 78.5  | 117.7 |
| 141     | 81.6  | 66.2  | 99.4  |

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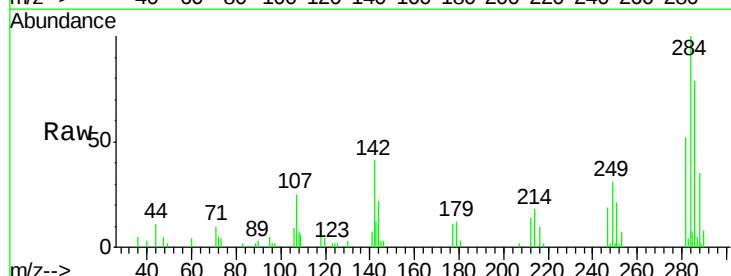


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

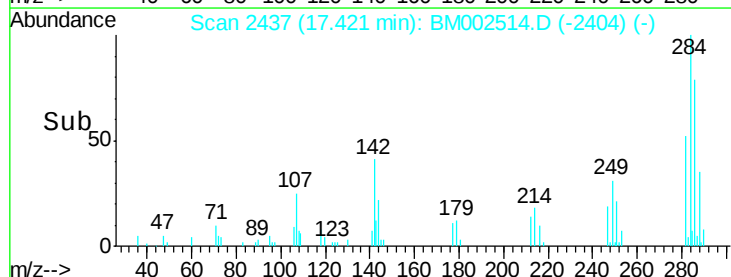
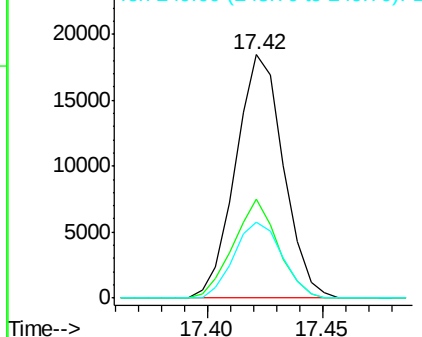


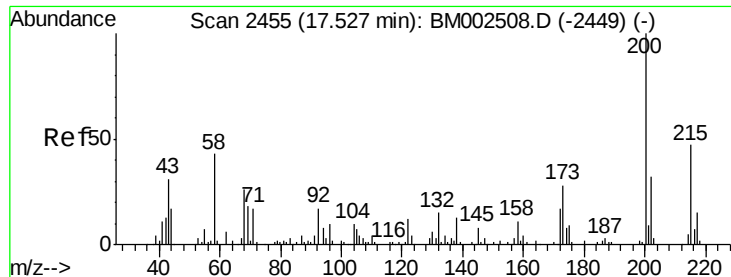
#67  
Hexachlorobenzene  
Concen: 3.12 ng/ul  
RT: 17.42 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.6  | 30.2  | 45.4  |
| 249     | 31.2  | 24.6  | 36.8  |



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





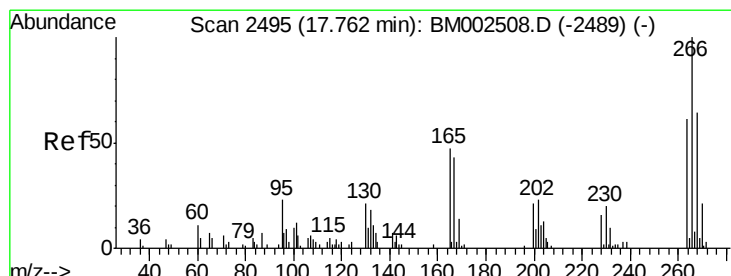
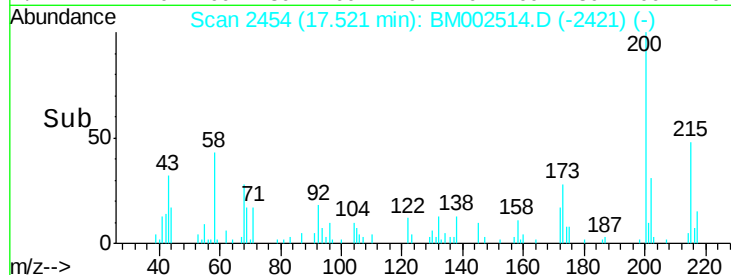
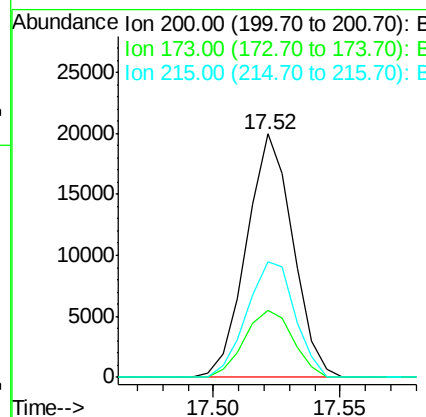
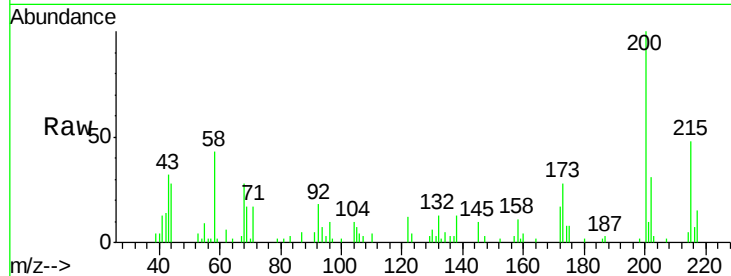
#68  
 Atrazine  
 Concen: 3.11 ng/ul  
 RT: 17.52 min Scan# 2454  
 Delta R.T. -0.01 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 27.7  | 22.4       | 33.6       |
| 215     | 47.6  | 38.5       | 57.7       |

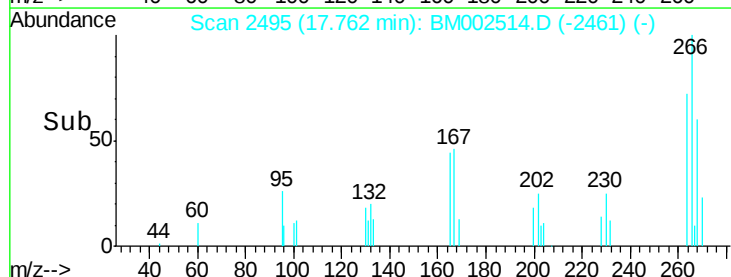
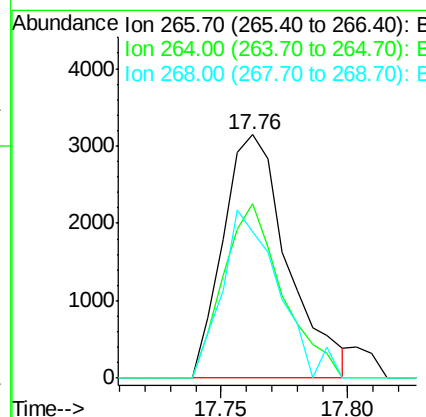
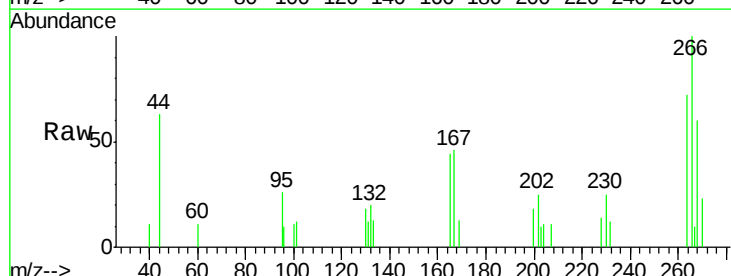
Manual Integrations  
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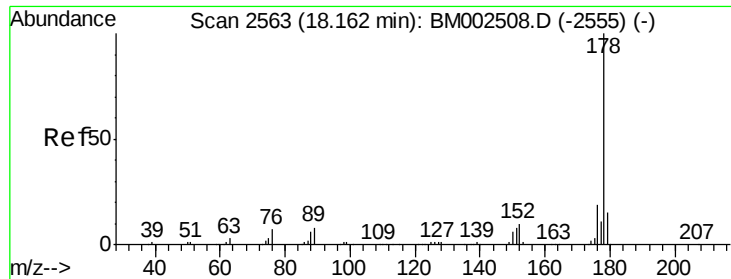
MMDadoda  
 8/20/2015 3:37:39 PM



#69  
 Pentachlorophenol  
 Concen: 1.33 ng/ul  
 RT: 17.76 min Scan# 2495  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 264     | 71.5  | 50.3       | 75.5       |
| 268     | 59.9  | 51.0       | 76.4       |





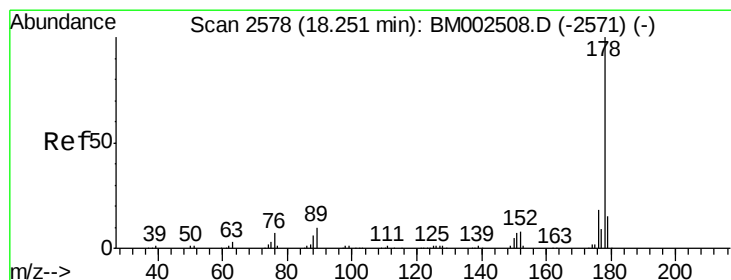
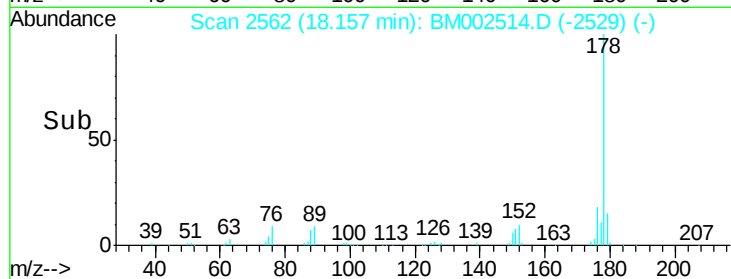
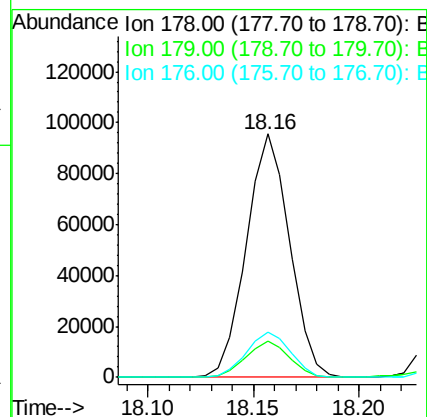
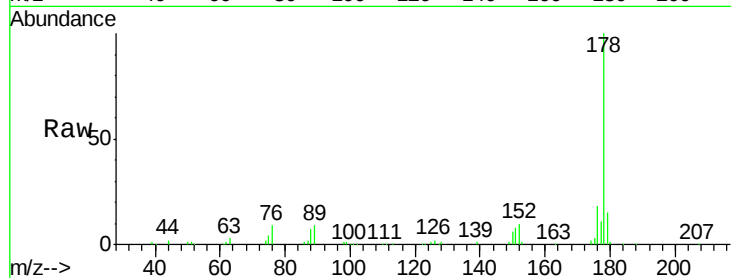
#70  
Phenanthrene  
Concen: 3.28 ng/ul  
RT: 18.16 min Scan# 2562  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.7  | 12.3  | 18.5  |
| 176     | 18.3  | 15.3  | 22.9  |

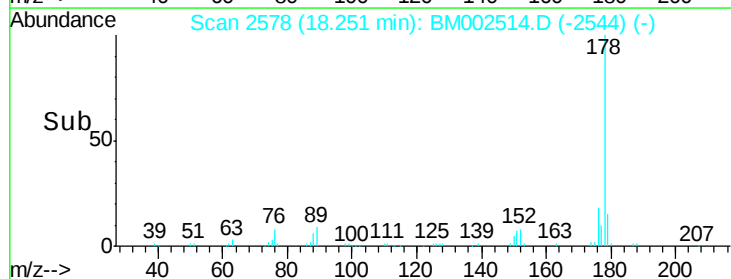
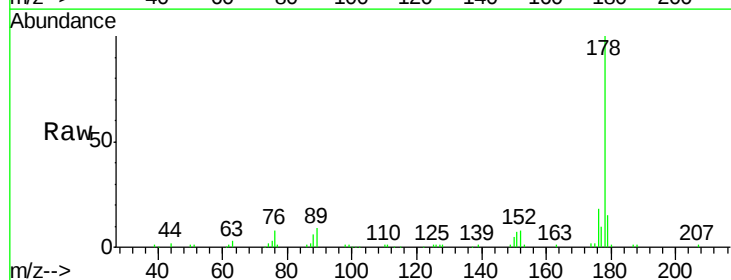
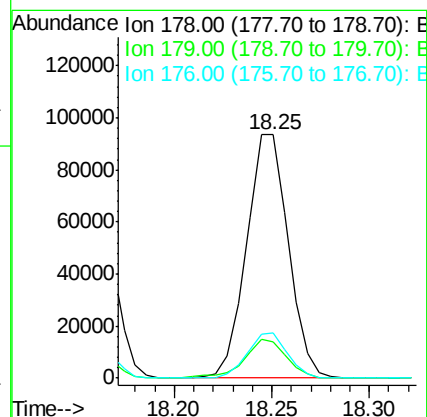
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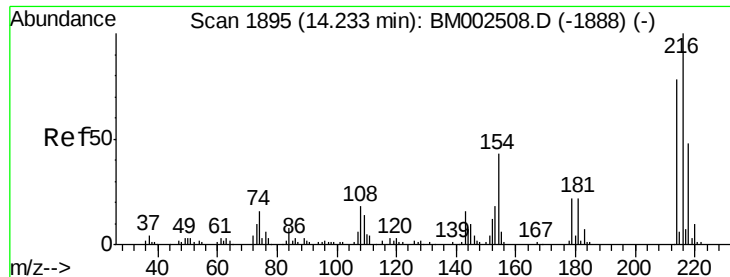
MMDadoda  
8/20/2015 3:37:39 PM



#72  
Anthracene  
Concen: 3.24 ng/ul  
RT: 18.25 min Scan# 2578  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.9  | 12.3  | 18.5  |
| 176     | 18.5  | 14.5  | 21.7  |





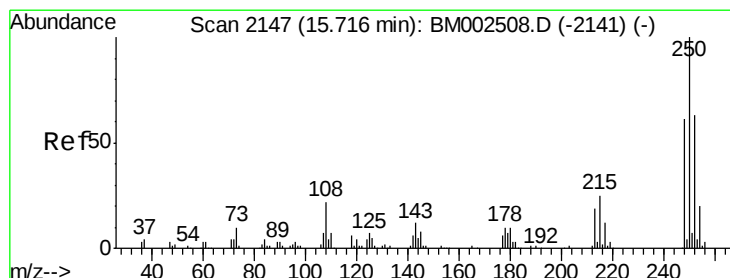
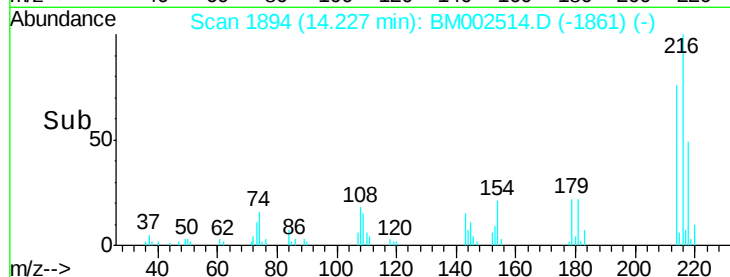
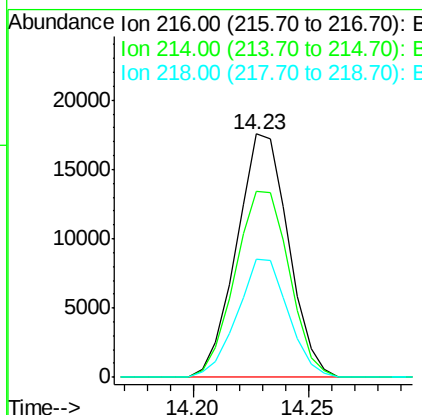
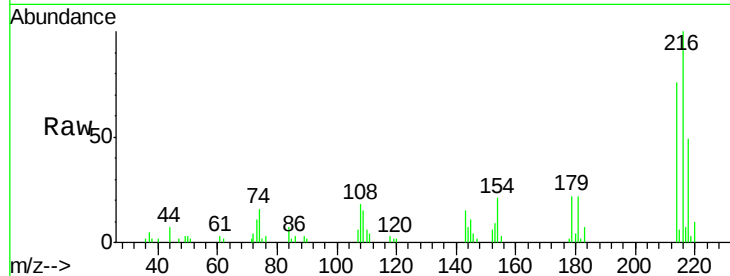
#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 2.81 ng/uL  
 RT: 14.23 min Scan# 1894  
 Delta R.T. -0.01 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.3  | 63.4  | 95.0  |
| 218     | 48.6  | 38.9  | 58.3  |

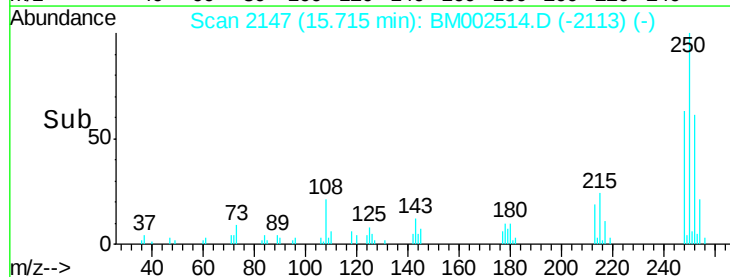
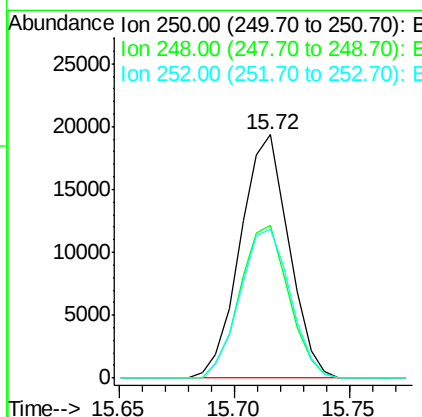
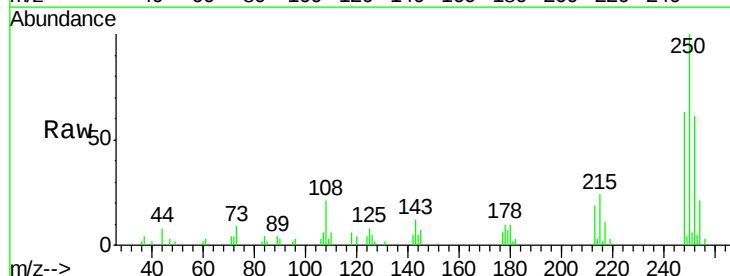
Manual Integrations  
 APPROVED

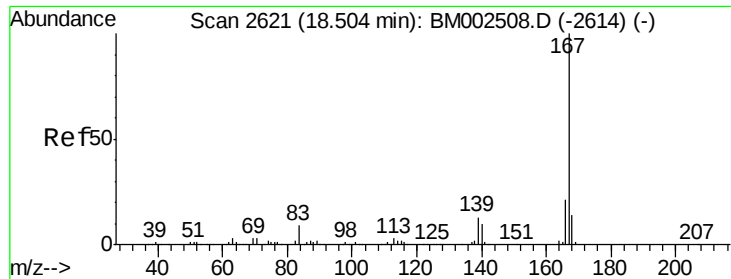
MMDadoda  
 8/20/2015 3:37:39 PM



#74  
 Pentachlorobenzene  
 Concen: 3.00 ng/uL  
 RT: 15.72 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 62.7  | 51.0  | 76.6  |
| 252     | 61.3  | 50.1  | 75.1  |





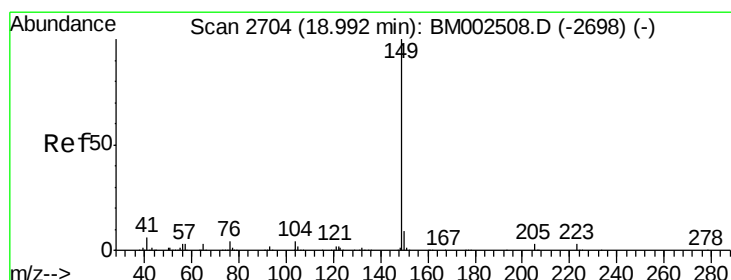
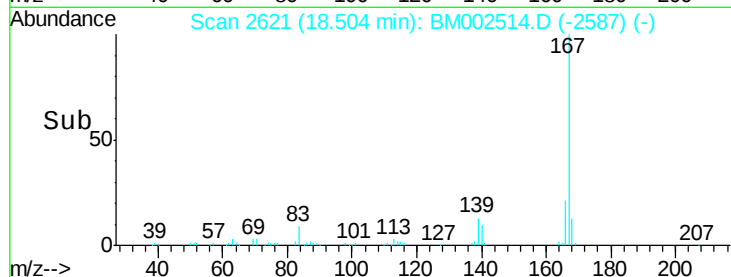
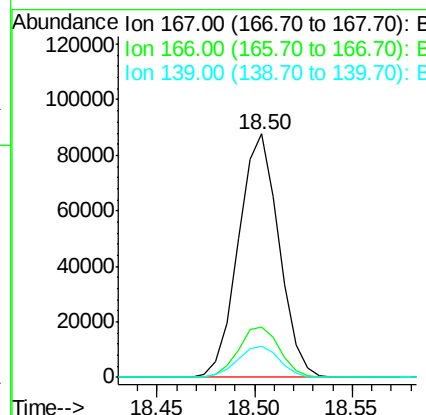
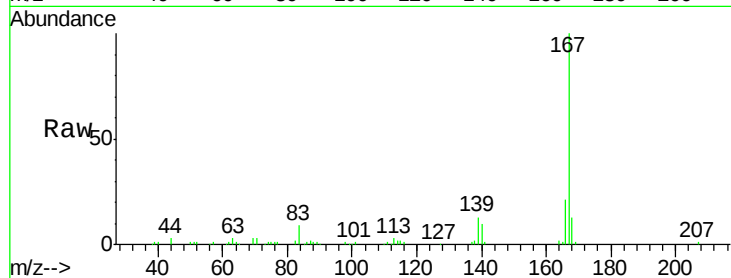
#75  
 Carbazole  
 Concen: 3.26 ng/ul  
 RT: 18.50 min Scan# 2621  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 125962 |       |       |
| 166     | 20.8  | 17.0   | 25.6  |       |
| 139     | 13.0  | 10.8   | 16.2  |       |

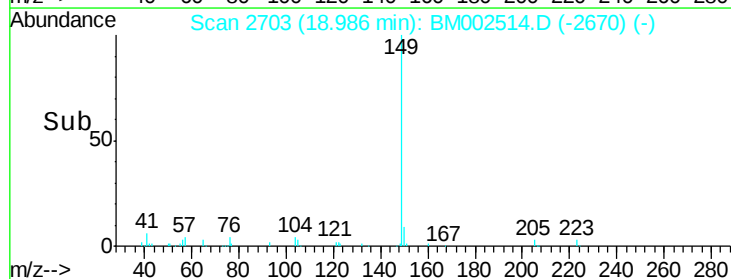
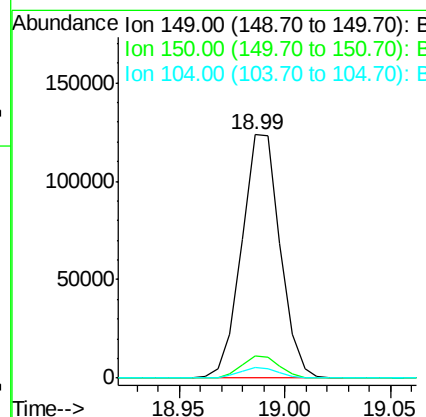
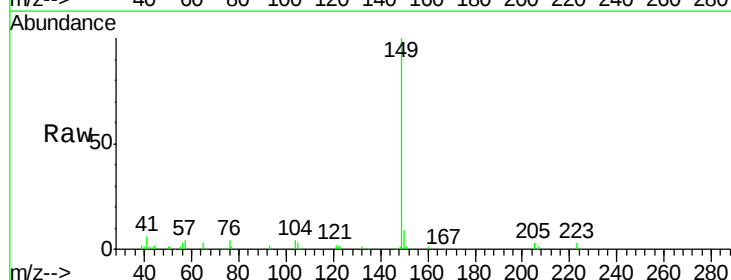
Manual Integrations  
 APPROVED

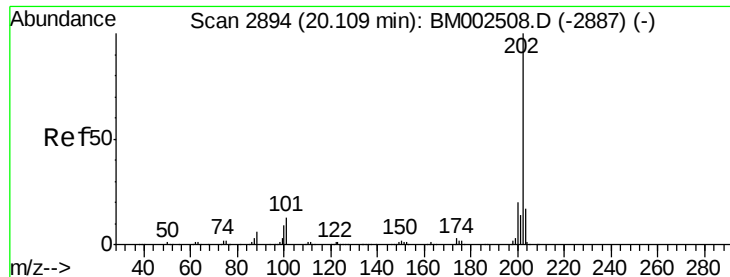
MMDadoda  
 8/20/2015 3:37:39 PM



#76  
 Di-n-butylphthalate  
 Concen: 3.01 ng/ul  
 RT: 18.99 min Scan# 2703  
 Delta R.T. -0.01 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 155966 |       |       |
| 150     | 9.0   | 7.3    | 10.9  |       |
| 104     | 4.4   | 3.8    | 5.6   |       |





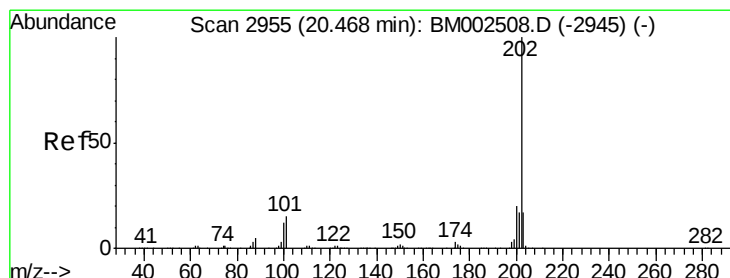
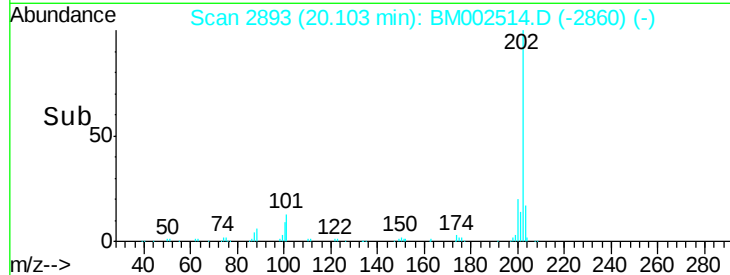
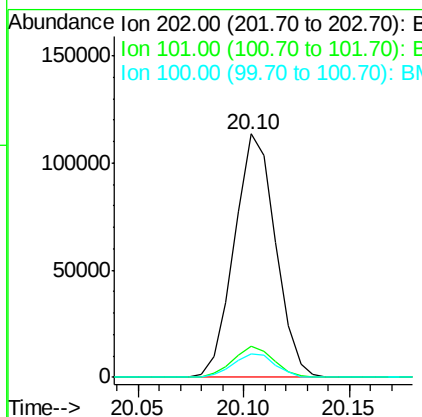
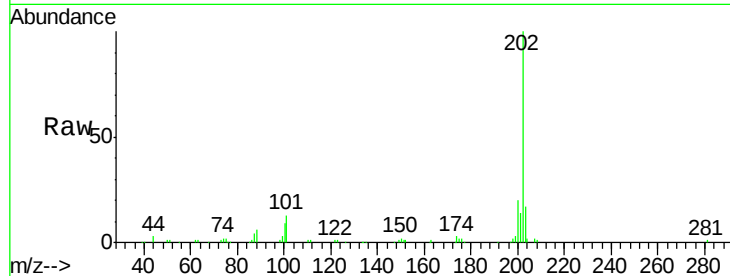
#77  
Fluoranthene  
Concen: 3.51 ng/ul  
RT: 20.10 min Scan# 2893  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 153783 |       |       |
| 101     | 13.0  | 10.6   | 15.8  |       |
| 100     | 9.4   | 8.2    | 12.4  |       |

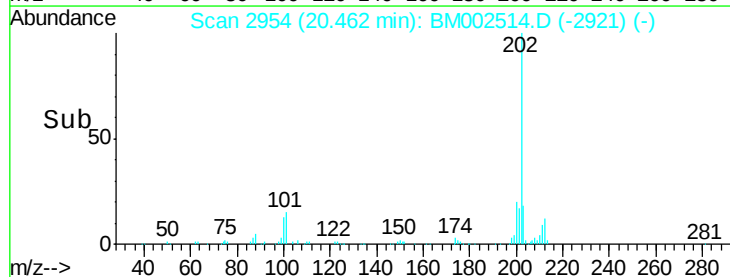
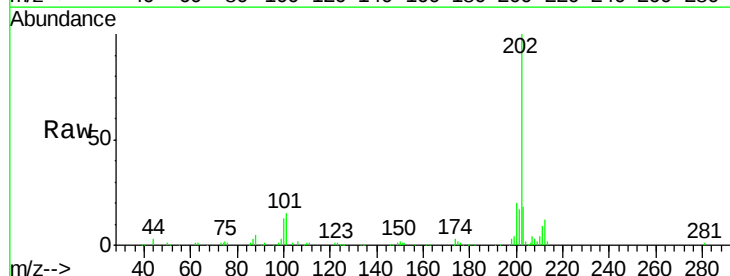
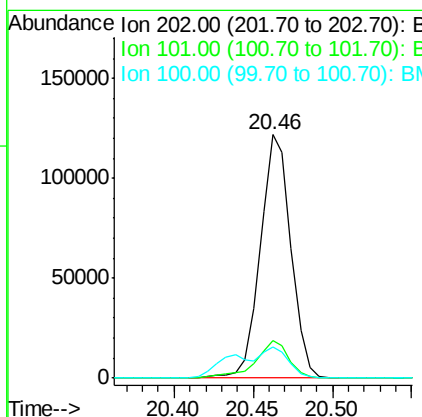
Manual Integrations  
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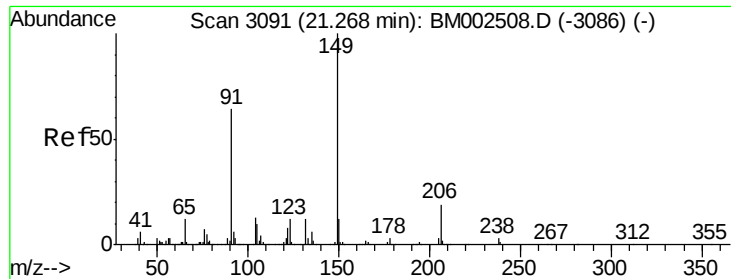
MMDadoda  
8/20/2015 3:37:39 PM



#80  
Pyrene  
Concen: 3.19 ng/ul  
RT: 20.46 min Scan# 2954  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 164114 |       |       |
| 101     | 15.2  | 13.0   | 19.6  |       |
| 100     | 12.8  | 11.0   | 16.4  |       |





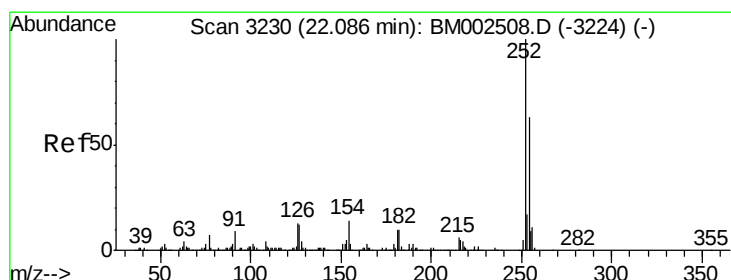
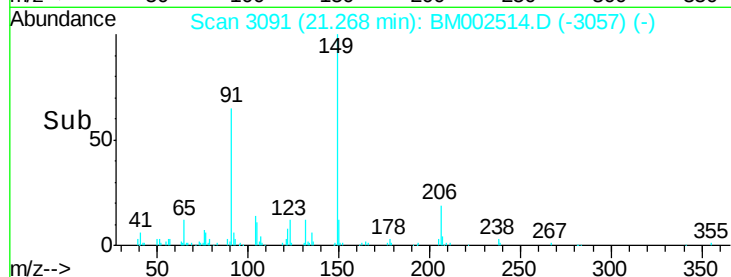
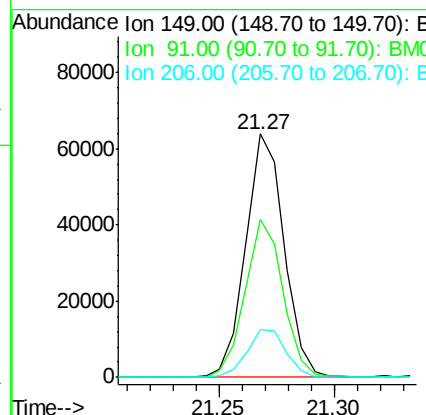
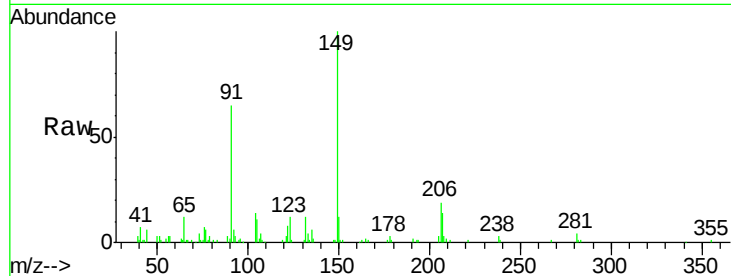
#81  
Butylbenzylphthalate  
Concen: 2.93 ng/ul  
RT: 21.27 min Scan# 3091  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 74280 |       |       |
| 91      | 64.7  | 57.5  | 86.3  |       |
| 206     | 19.4  | 15.2  | 22.8  |       |

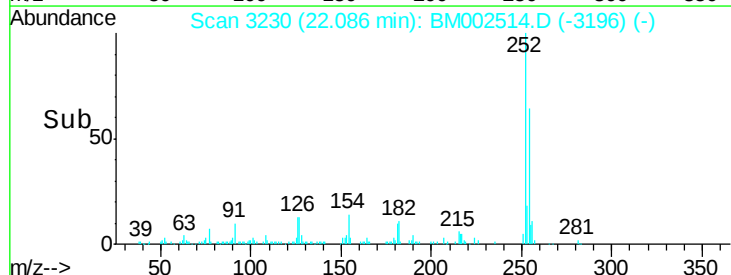
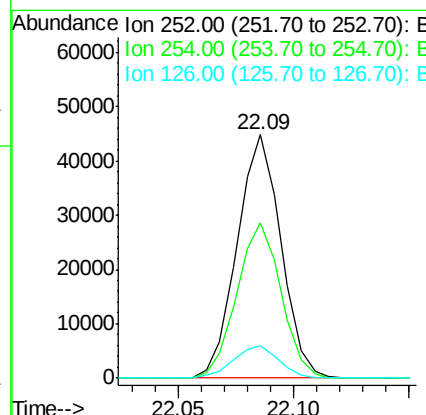
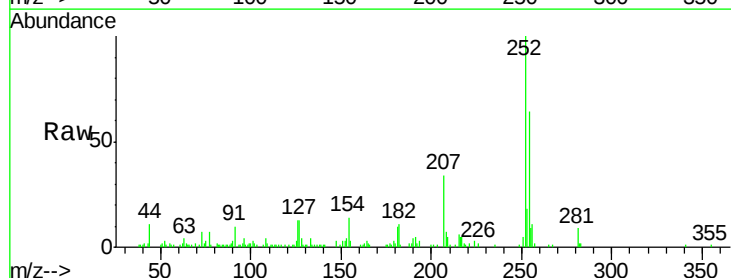
Manual Integrations  
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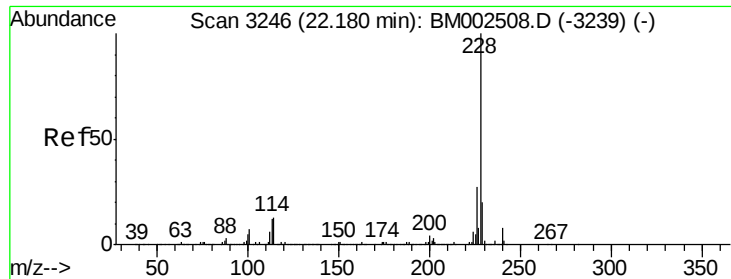
MMDadoda  
8/20/2015 3:37:39 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 3.89 ng/ul  
RT: 22.09 min Scan# 3230  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 59381 |       |       |
| 254     | 63.9  | 52.5  | 78.7  |       |
| 126     | 13.3  | 11.8  | 17.8  |       |





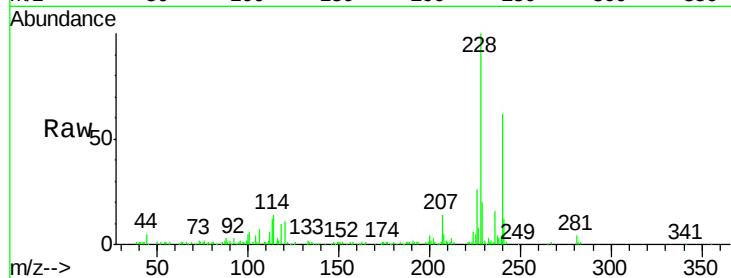
#83  
Benzo(a)anthracene  
Concen: 3.26 ng/ul  
RT: 22.18 min Scan# 3246  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

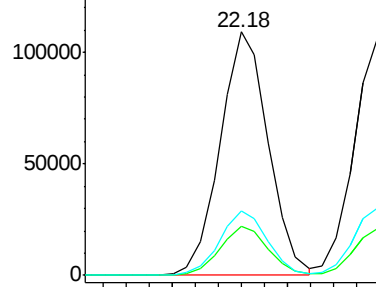
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 158277 |       |       |
| 229     | 20.1  | 15.7   | 23.5  |       |
| 226     | 26.4  | 21.4   | 32.0  |       |

Manual Integrations  
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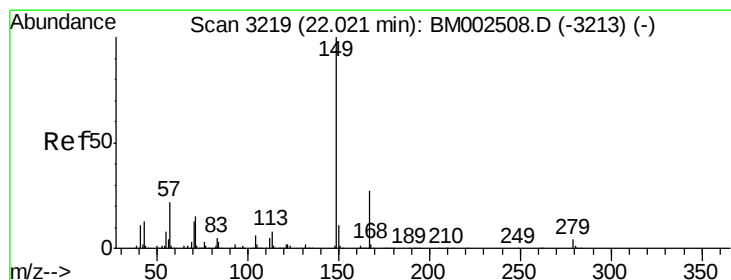
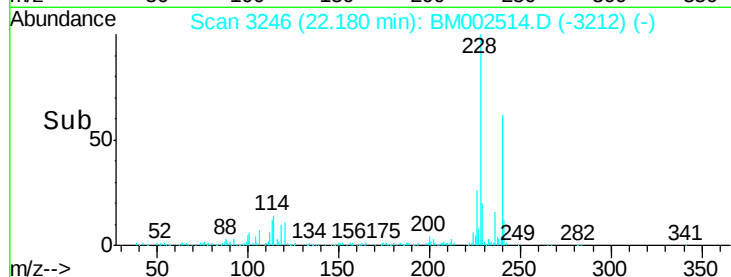
MMDadoda  
8/20/2015 3:37:39 PM



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

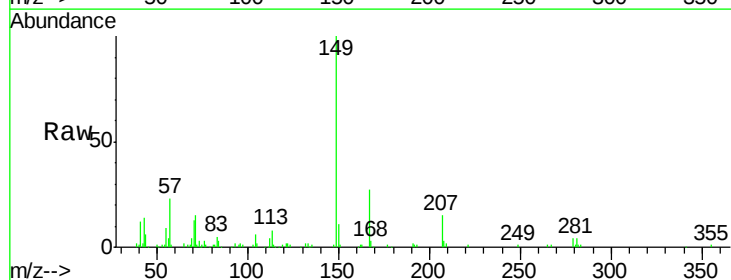


Time-->

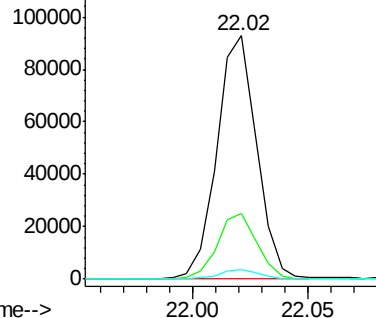


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.00 ng/ul  
RT: 22.02 min Scan# 3219  
Delta R.T. -0.00 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

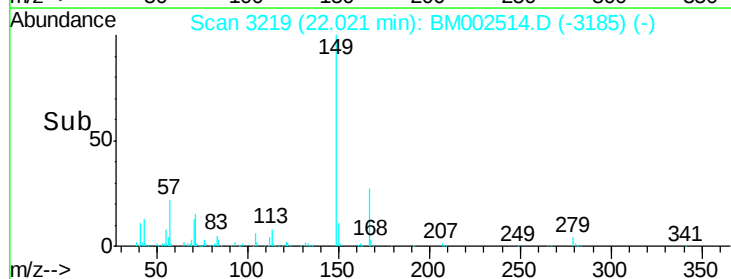
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 110345 |       |       |
| 167     | 27.1  | 21.4   | 32.2  |       |
| 279     | 4.0   | 3.2    | 4.8   |       |

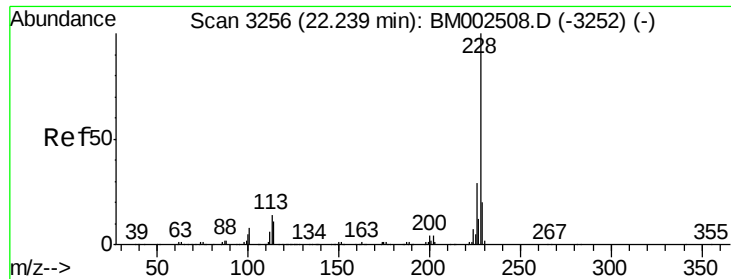


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



Time-->





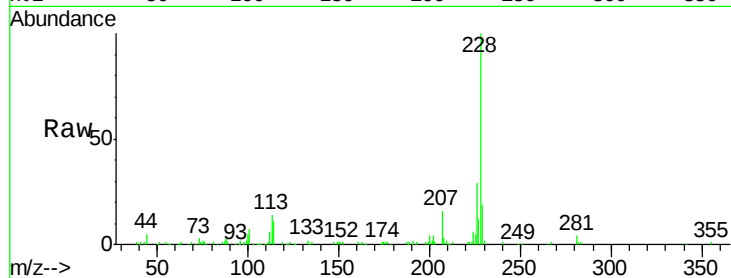
#85  
 Chrysene  
 Concen: 3.24 ng/ul  
 RT: 22.24 min Scan# 3256  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

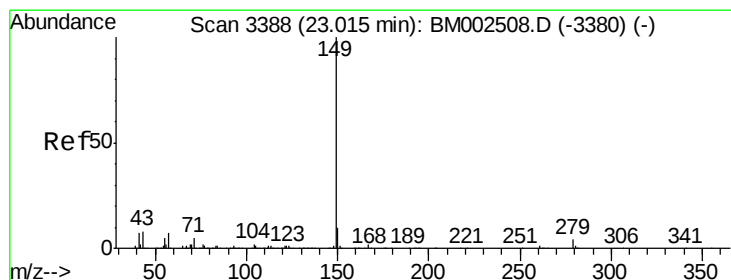
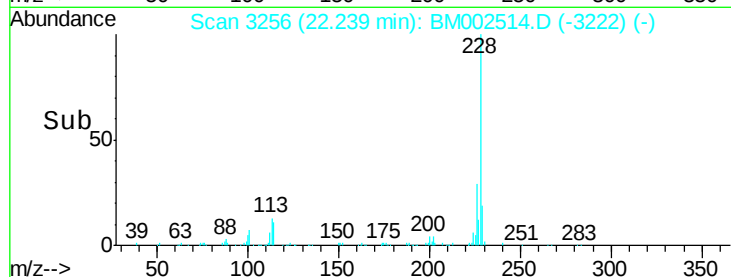
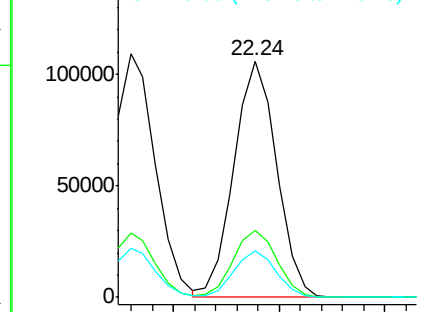
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 149046 |       |       |
| 226     | 28.6  | 23.4   | 35.0  |       |
| 229     | 19.4  | 15.5   | 23.3  |       |

Manual Integrations  
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 8/20/2015 3:37:39 PM

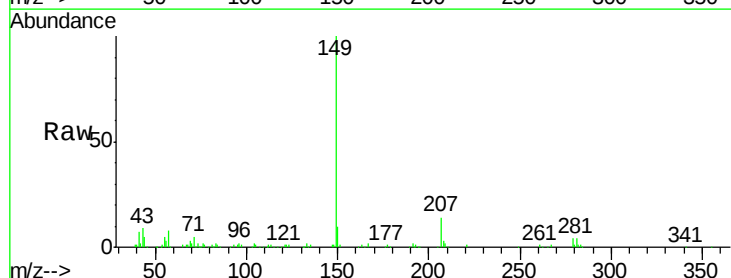


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

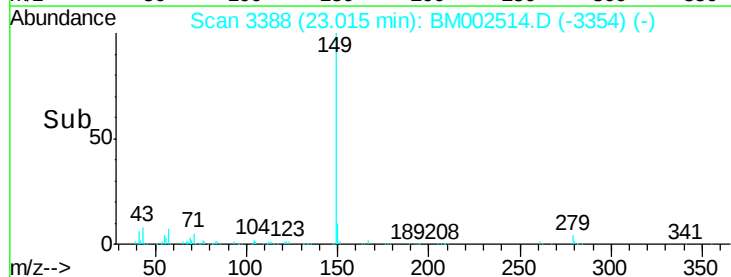
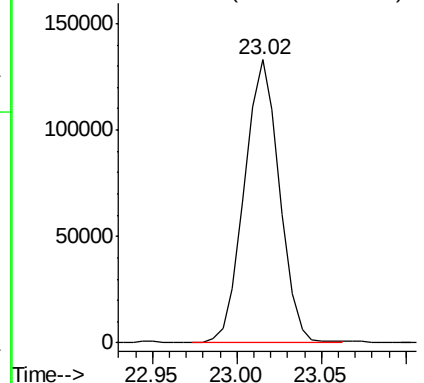


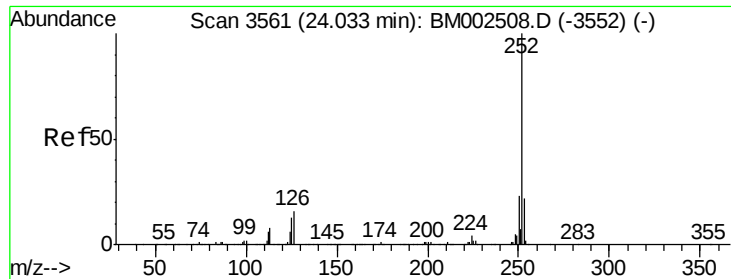
#87  
 Di-n-octyl phthalate  
 Concen: 3.07 ng/ul  
 RT: 23.02 min Scan# 3388  
 Delta R.T. -0.00 min  
 Lab File: BM002514.D  
 Acq: 20 Aug 2015 05:11

Tgt Ion:149 Resp: 191274



Abundance Ion 149.00 (148.70 to 149.70): E





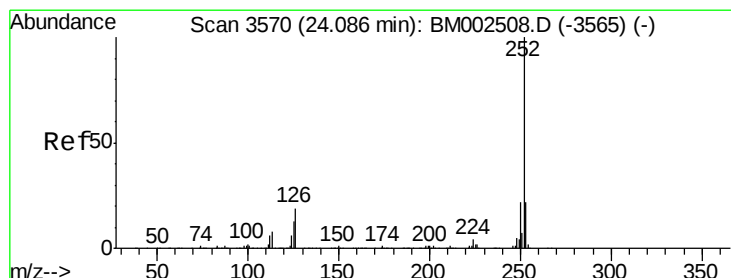
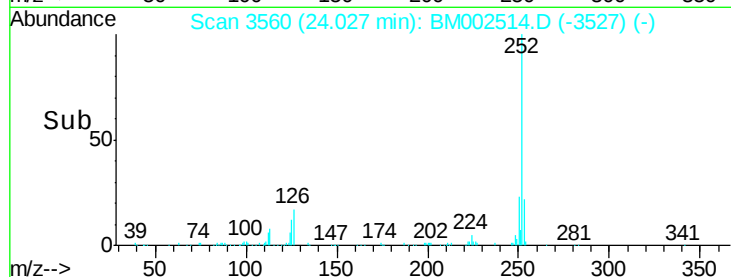
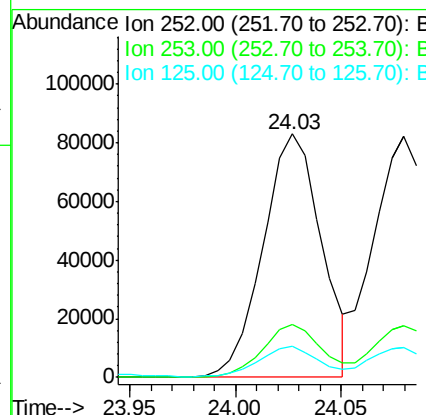
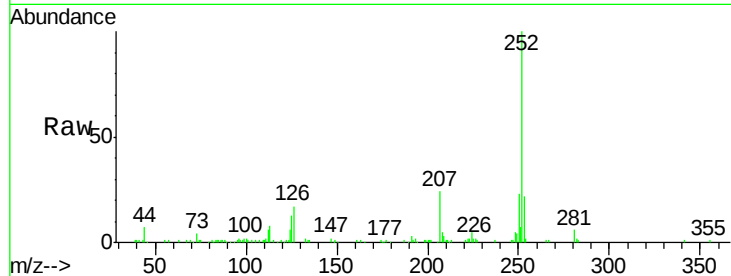
#88  
Benzo(b)fluoranthene  
Concen: 3.14 ng/ul  
RT: 24.03 min Scan# 3560  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.9  | 26.9  |
| 125     | 12.9  | 10.3  | 15.5  |

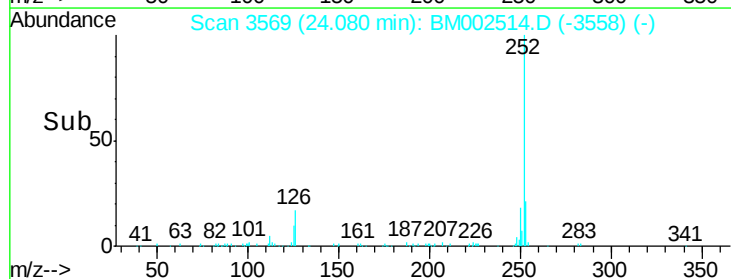
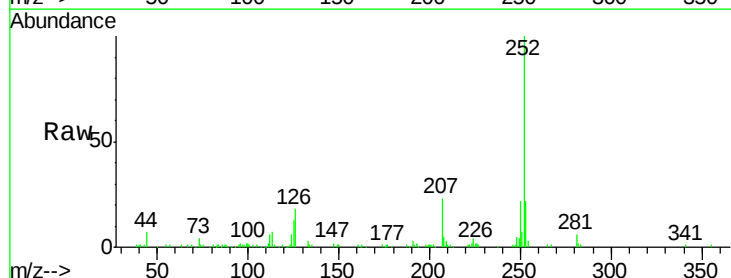
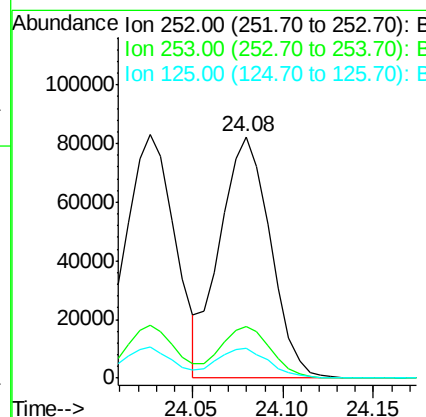
Manual Integrations  
APPROVED

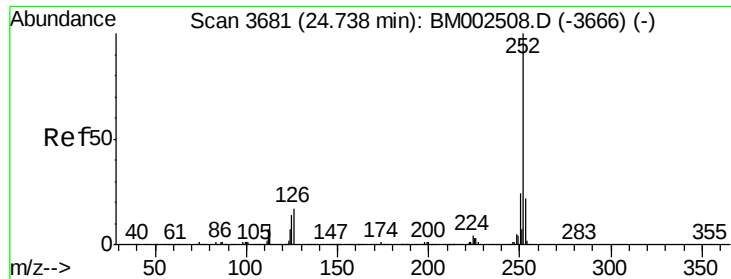
MMDadoda  
8/20/2015 3:37:39 PM



#89  
Benzo(k)fluoranthene  
Concen: 3.26 ng/ul  
RT: 24.08 min Scan# 3569  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.3  | 25.9  |
| 125     | 12.6  | 10.2  | 15.4  |





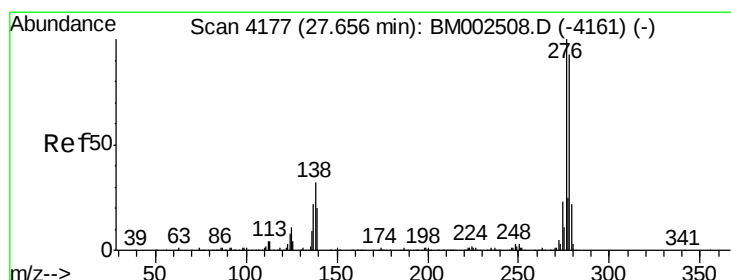
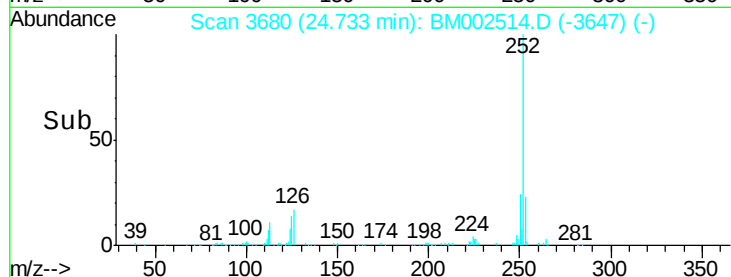
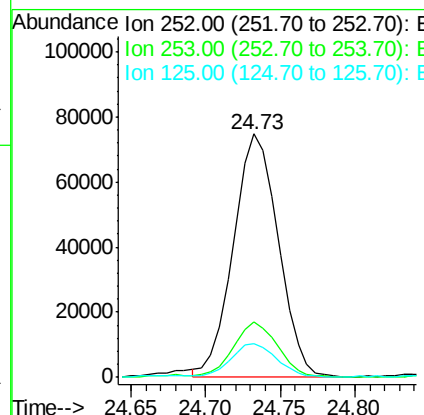
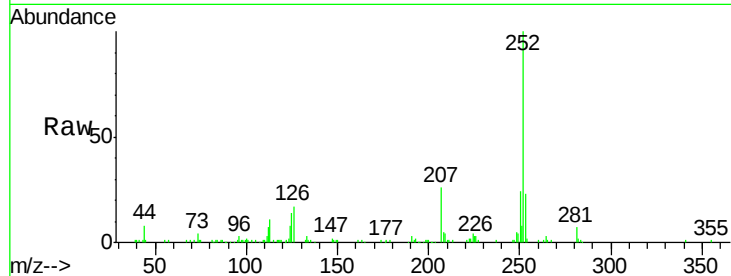
#91  
Benzo(a)pyrene  
Concen: 3.24 ng/ul  
RT: 24.73 min Scan# 3680  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.9  | 17.3       | 25.9       |
| 125     | 13.9  | 11.0       | 16.6       |

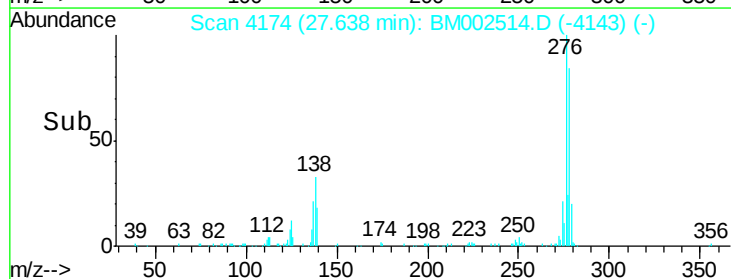
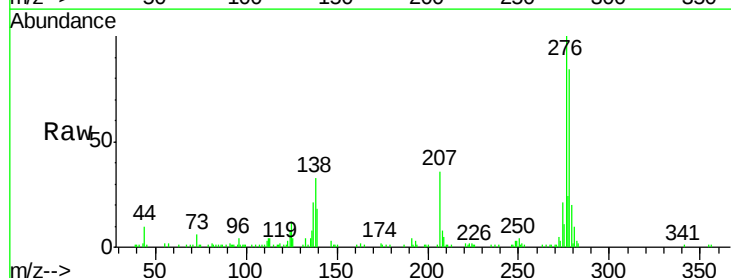
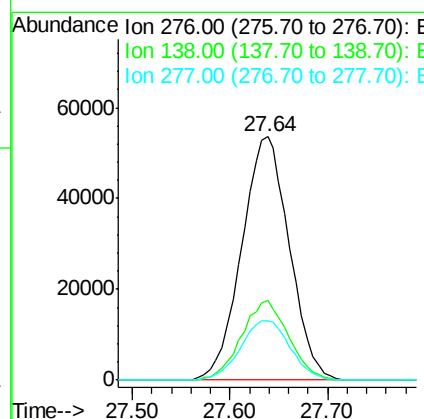
Manual Integrations  
APPROVED

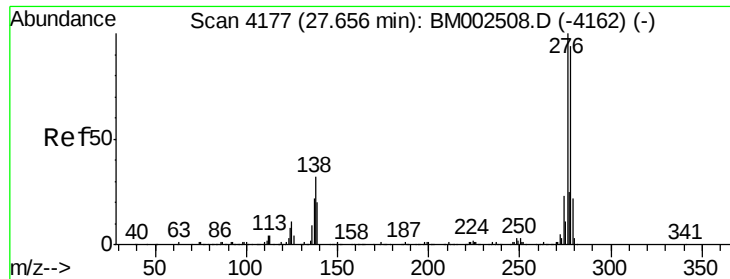
MMDadoda  
8/20/2015 3:37:39 PM



#92  
Indeno(1,2,3-cd)pyrene  
Concen: 3.28 ng/ul  
RT: 27.64 min Scan# 4174  
Delta R.T. -0.02 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 32.8  | 25.6       | 38.4       |
| 277     | 24.1  | 21.0       | 31.4       |





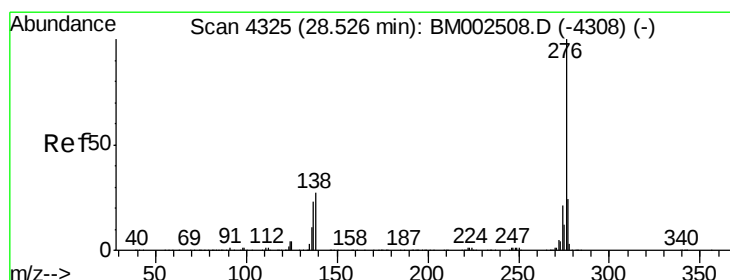
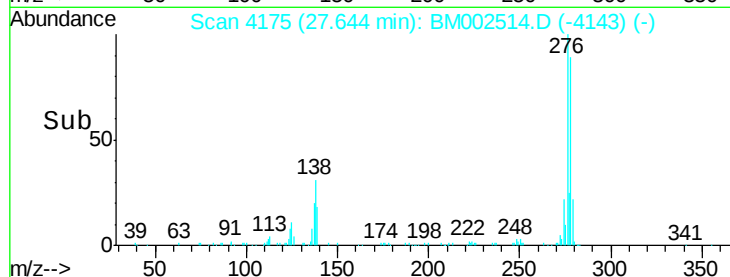
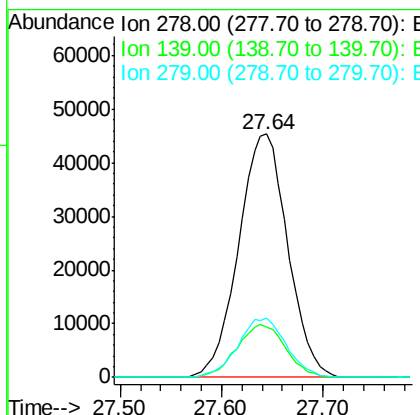
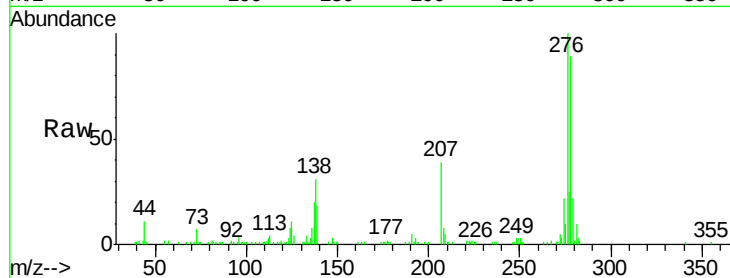
#93  
Dibenzo(a,h)anthracene  
Concen: 3.23 ng/ul  
RT: 27.64 min Scan# 4175  
Delta R.T. -0.01 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.8  | 16.4  | 24.6  |
| 279     | 24.2  | 18.8  | 28.2  |

Manual Integrations  
APPROVED

MMDadoda  
8/20/2015 3:37:39 PM



#94  
Benzo(g,h,i)perylene  
Concen: 3.22 ng/ul  
RT: 28.51 min Scan# 4322  
Delta R.T. -0.02 min  
Lab File: BM002514.D  
Acq: 20 Aug 2015 05:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.0  | 20.5  | 30.7  |
| 277     | 23.1  | 19.0  | 28.6  |

