

Data Path : Z:\HPCHEM1\BNA\_B\DATA\BB101816\  
 Data File : BB058641.D  
 Acq On : 18 Oct 2016 14:54  
 Operator : UM/SJ  
 Sample : MDL-05-S-ML  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

umangi  
 10/19/2016 1:46:49 PM

Quant Time: Oct 19 12:26:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_B\METHOD\SOM02.2-EPA-BB101016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 12:01:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.70  | 152  | 576348   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 11.64 | 136  | 2185235  | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 15.59 | 164  | 1253736  | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 18.44 | 188  | 2090218  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.81 | 240  | 2122738  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.89 | 264  | 1509587  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.67  | 96  | 81437   | 6.40  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.83  | 99  | 1250520 | 29.87 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.98  | 67  | 949942  | 33.87 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 8.21  | 132 | 1321103 | 30.42 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.47  | 113 | 1028875 | 29.68 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 9.91  | 128 | 662853  | 29.34 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 10.68 | 143 | 758653  | 31.20 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 11.26 | 165 | 993732  | 28.84 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 11.78 | 131 | 1415404 | 34.12 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 14.97 | 166 | 2697838 | 32.36 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 15.28 | 160 | 3182981 | 32.38 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.78 | 143 | 493562  | 25.78 | ng/ul | -0.02 |
| 57) Fluorene-d10               | 16.63 | 176 | 2269915 | 33.24 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 16.74 | 200 | 527404  | 23.76 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 18.53 | 188 | 2763134 | 29.56 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 20.88 | 212 | 3248760 | 34.83 | ng/ul | 0.02  |
| 87) Benzo(a)pyrene-d12         | 25.68 | 264 | 2151242 | 31.21 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 2) 1,4-Dioxane                 | 3.71  | 88  | 14540  | 1.15 | ng/uL# | 84     |
| 4) Benzaldehyde                | 7.75  | 77  | 68591  | 2.54 | ng/ul# | 84     |
| 6) Phenol                      | 7.85  | 94  | 119989 | 2.89 | ng/ul# | 33     |
| 8) Bis(2-Chloroethyl)ether     | 8.08  | 93  | 109072 | 3.19 | ng/ul# | 83     |
| 10) 2-Chlorophenol             | 8.23  | 128 | 119154 | 2.88 | ng/ul# | 69     |
| 11) 2-Methylphenol             | 9.18  | 108 | 96763  | 2.90 | ng/ul  | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 9.27  | 45  | 217307 | 3.61 | ng/ul# | 84     |
| 14) Acetophenone               | 9.56  | 105 | 151073 | 2.98 | ng/ul# | 83     |
| 15) N-Nitroso-di-n-propylamine | 9.56  | 70  | 93498  | 3.12 | ng/ul# | 53     |
| 16) 4-Methylphenol             | 9.52  | 108 | 99163  | 2.75 | ng/ul  | 98     |
| 17) Hexachloroethane           | 9.85  | 117 | 57519  | 2.87 | ng/ul# | 59     |
| 20) Nitrobenzene               | 9.95  | 77  | 130855 | 3.08 | ng/ul# | 94     |
| 21) Isophorone                 | 10.51 | 82  | 250189 | 3.06 | ng/ul# | 97     |
| 23) 2-Nitrophenol              | 10.72 | 139 | 71594  | 2.82 | ng/ul  | 93     |
| 24) 2,4-Dimethylphenol         | 10.79 | 107 | 122658 | 2.95 | ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 11.01 | 93  | 118395 | 3.00 | ng/ul# | 97     |
| 27) 2,4-Dichlorophenol         | 11.28 | 162 | 95810  | 2.78 | ng/ul# | 77     |
| 28) Naphthalene                | 11.70 | 128 | 319937 | 3.07 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.80 | 127 | 124444 | 3.16 | ng/ul  | 96     |
| 31) Hexachlorobutadiene        | 12.05 | 225 | 63506  | 2.69 | ng/ul  | 98     |
| 32) Caprolactam                | 12.60 | 113 | 30695  | 2.45 | ng/ul  | 89     |
| 33) 4-Chloro-3-methylphenol    | 12.97 | 107 | 99109  | 2.88 | ng/ul  | 91     |
| 34) 2-Methylnaphthalene        | 13.35 | 142 | 210102 | 2.93 | ng/ul  | 98     |

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 MDL-05-S-ML

Manual Integrations  
 APPROVED

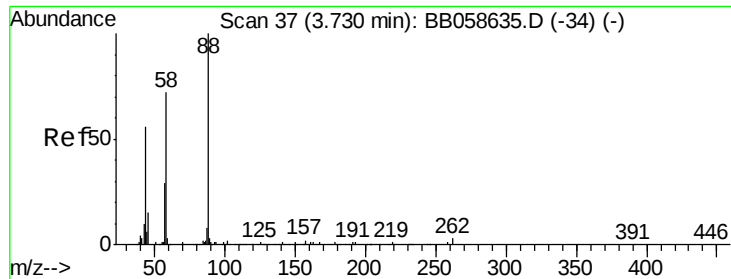
umangi  
 10/19/2016 1:46:49 PM

Quant Time: Oct 19 12:26:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_B\METHOD\SOM02.2-EPA-BB101016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 12:01:40 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.74 | 216  | 108258   | 2.81 | ng/ul# | 95       |
| 37) Hexachlorocyclopentadiene  | 13.74 | 237  | 40395    | 1.66 | ng/ul# | 93       |
| 38) 2,4,6-Trichlorophenol      | 13.97 | 196  | 59690    | 2.55 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 14.05 | 196  | 65803    | 2.65 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 14.38 | 154  | 241749   | 2.88 | ng/ul# | 98       |
| 41) 2-Chloronaphthalene        | 14.41 | 162  | 188560   | 2.81 | ng/ul# | 91       |
| 42) 2-Nitroaniline             | 14.61 | 65   | 76177    | 2.96 | ng/ul# | 79       |
| 44) Dimethylphthalate          | 15.01 | 163  | 246544   | 2.96 | ng/ul# | 97       |
| 45) 2,6-Dinitrotoluene         | 15.13 | 165  | 55742    | 2.65 | ng/ul  | 96       |
| 47) Acenaphthylene             | 15.30 | 152  | 312556   | 3.28 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.61 | 138  | 71397    | 2.59 | ng/ul# | 48       |
| 49) Acenaphthene               | 15.67 | 153  | 187923   | 2.87 | ng/ul  | 90       |
| 50) 2,4-Dinitrophenol          | 15.67 | 184  | 20773    | 1.38 | ng/ul# | 1        |
| 52) 4-Nitrophenol              | 15.80 | 109  | 46519    | 2.99 | ng/ul  | 88       |
| 53) Dibenzofuran               | 15.99 | 168  | 266780   | 2.86 | ng/ul# | 84       |
| 54) 2,4-Dinitrotoluene         | 15.93 | 165  | 77922    | 2.65 | ng/ul# | 53       |
| 55) 2,3,4,6-Tetrachlorophenol  | 16.24 | 232  | 53958    | 2.49 | ng/ul# | 76       |
| 56) Diethylphthalate           | 16.44 | 149  | 265920   | 3.07 | ng/ul  | 96       |
| 58) Fluorene                   | 16.67 | 166  | 213207   | 2.81 | ng/ul  | 90       |
| 59) 4-Chlorophenyl-phenylether | 16.67 | 204  | 113100   | 2.77 | ng/ul  | 96       |
| 60) 4-Nitroaniline             | 16.67 | 138  | 42564    | 1.96 | ng/ul# | 87       |
| 63) 4,6-Dinitro-2-methylphenol | 16.74 | 198  | 54766    | 2.47 | ng/ul# | 31       |
| 64) N-Nitrosodiphenylamine     | 16.88 | 169  | 181284   | 2.69 | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 17.59 | 248  | 65126    | 2.43 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 17.74 | 284  | 61959    | 2.31 | ng/ul# | 86       |
| 67) Atrazine                   | 17.86 | 200  | 64229    | 2.50 | ng/ul# | 89       |
| 68) Pentachlorophenol          | 18.09 | 266  | 32829    | 1.73 | ng/ul  | 97       |
| 69) Phenanthrene               | 18.48 | 178  | 314712   | 3.02 | ng/ul  | 99       |
| 71) Anthracene                 | 18.57 | 178  | 319432   | 3.01 | ng/ul  | 100      |
| 72) Carbazole                  | 18.84 | 167  | 253404   | 2.86 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 19.42 | 149  | 483272   | 3.33 | ng/ul  | 98       |
| 74) Fluoranthene               | 20.54 | 202  | 304419   | 2.87 | ng/ul# | 94       |
| 77) Pyrene                     | 20.90 | 202  | 374948   | 3.38 | ng/ul  | 100      |
| 78) Butylbenzylphthalate       | 21.81 | 149  | 187474   | 2.61 | ng/ul  | 86       |
| 79) 3,3'-Dichlorobenzidine     | 22.69 | 252  | 54305    | 1.45 | ng/ul# | 97       |
| 80) Benzo(a)anthracene         | 22.77 | 228  | 314210   | 2.91 | ng/ul  | 97       |
| 81) Bis(2-ethylhexyl)phthalate | 22.69 | 149  | 265191   | 2.77 | ng/ul# | 97       |
| 82) Chrysene                   | 22.85 | 228  | 290580   | 2.87 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 22.69 | 149  | 265191   | 3.37 | ng/ul# | 59       |
| 85) Benzo(b)fluoranthene       | 24.93 | 252  | 255323   | 2.56 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 24.98 | 252  | 238871m  | 3.09 | ng/ul  |          |
| 88) Benzo(a)pyrene             | 25.73 | 252  | 223207   | 2.66 | ng/ul# | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 29.16 | 276  | 151427   | 2.07 | ng/ul# | 90       |
| 90) Dibenzo(a,h)anthracene     | 29.18 | 278  | 120764   | 1.99 | ng/ul# | 88       |
| 91) Benzo(g,h,i)perylene       | 30.14 | 276  | 126636   | 2.19 | ng/ul# | 87       |

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





#2

1,4-Dioxane

Concen: 1.15 ng/uL

RT: 3.71 min Scan# 36

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

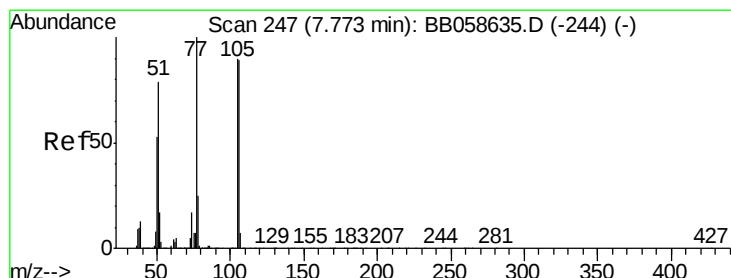
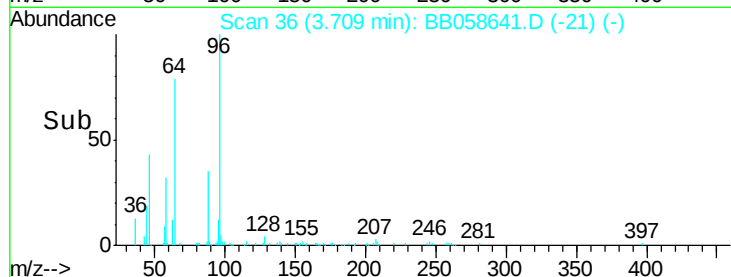
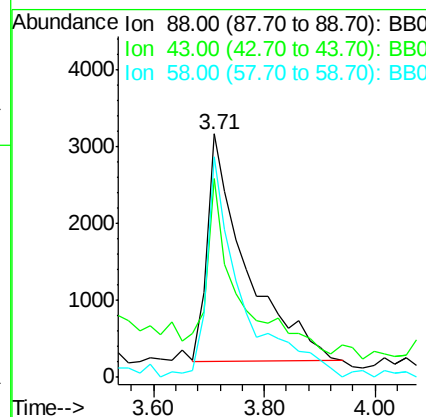
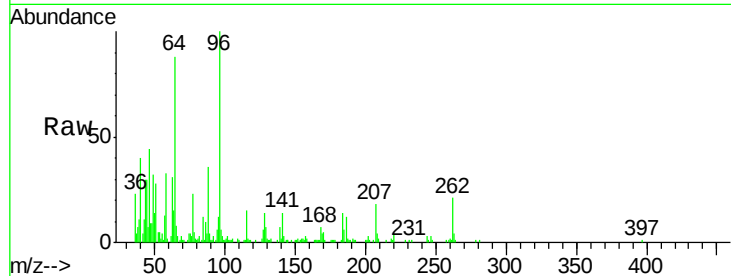
ClientSampleId :

MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 14540 |       |       |
| 43      | 44.2  | 22.6  | 34.0# |       |
| 58      | 62.8  | 57.3  | 85.9  |       |

Manual Integrations  
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#4

Benzaldehyde

Concen: 2.54 ng/uL

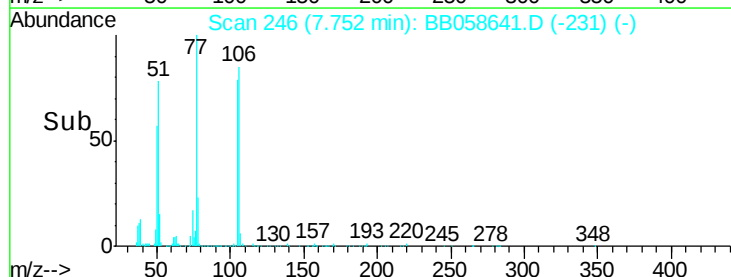
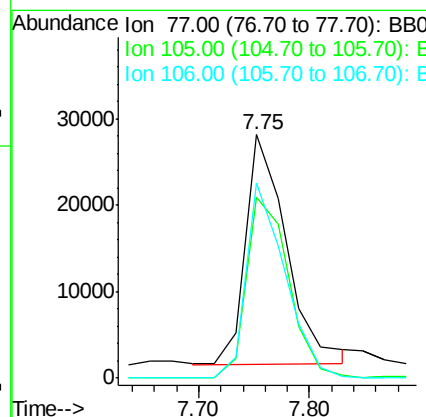
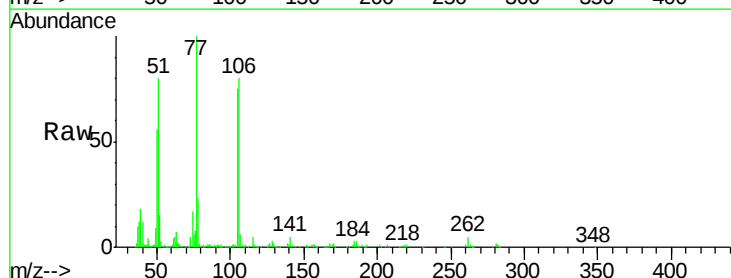
RT: 7.75 min Scan# 246

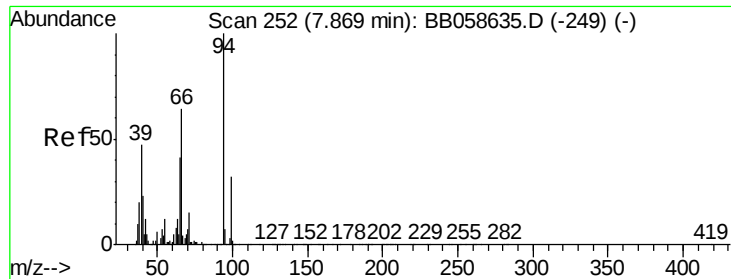
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 77      | 100   | 68591 |        |       |
| 105     | 74.5  | 76.9  | 115.3# |       |
| 106     | 80.1  | 71.8  | 107.8  |       |





#6

Phenol

Concen: 2.89 ng/ul

RT: 7.85 min Scan# 251

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

ClientSampleId :

MDL-05-S-ML

Tgt Ion: 94 Resp: 119989

Ion Ratio Lower Upper

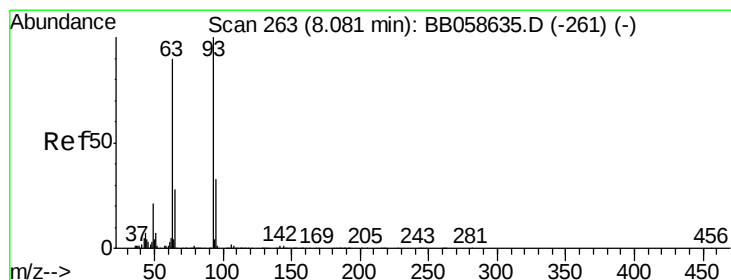
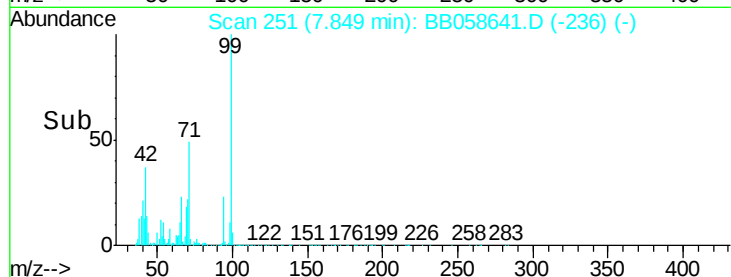
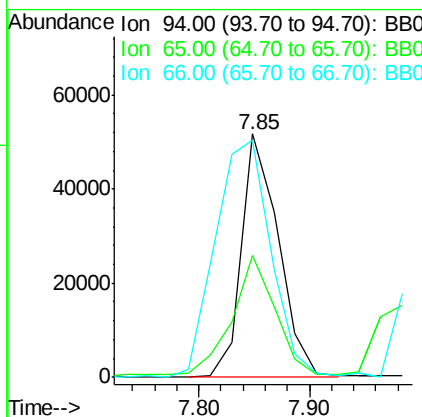
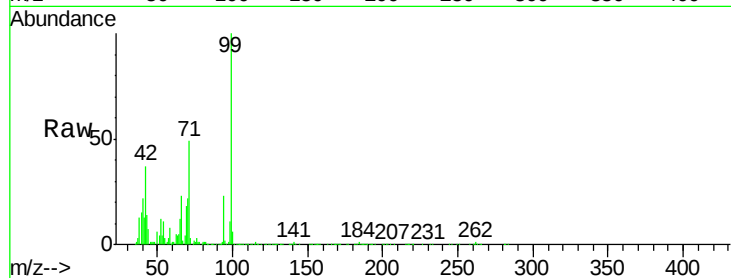
94 100

65 50.0 23.9 35.9#

66 97.5 33.5 50.3#

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 3.19 ng/ul

RT: 8.08 min Scan# 263

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

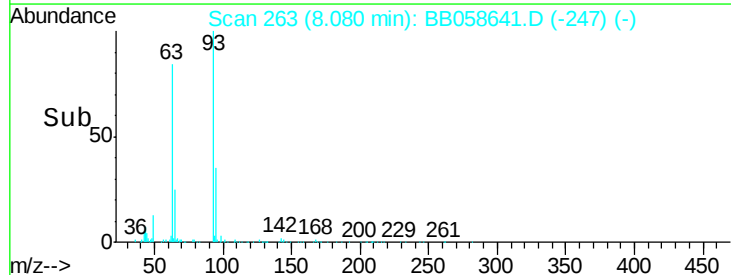
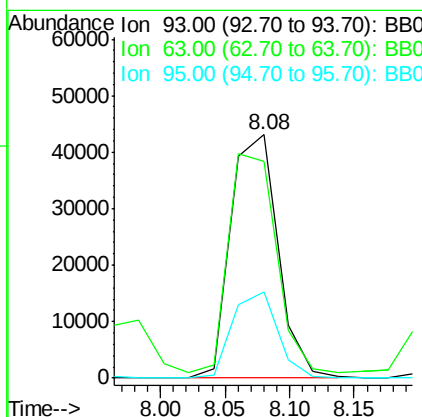
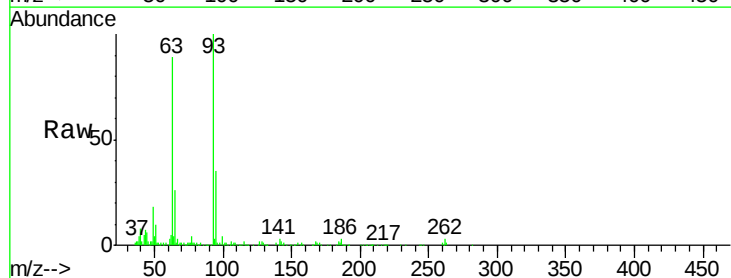
Tgt Ion: 93 Resp: 109072

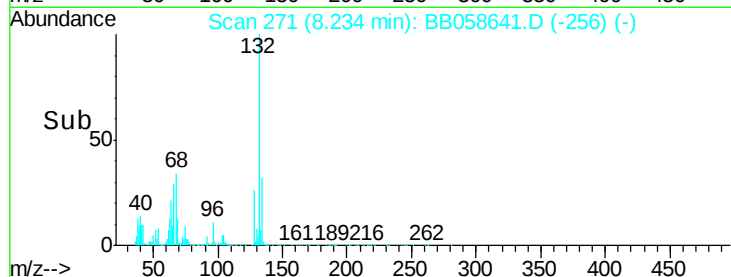
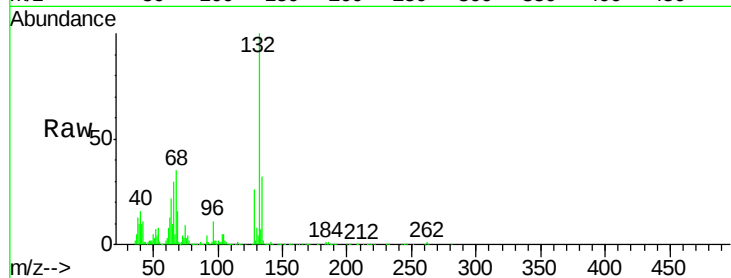
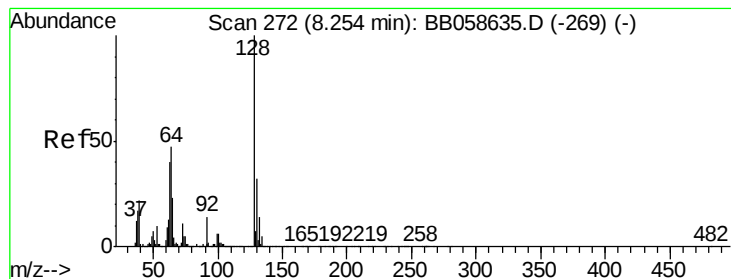
Ion Ratio Lower Upper

93 100

63 89.1 57.3 85.9#

95 35.5 25.1 37.7





#10

2-Chlorophenol

Concen: 2.88 ng/ul

RT: 8.23 min Scan# 271

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 119154 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 64        | 81.3  | 37.5  | 56.3#  |
| 130       | 31.1  | 25.0  | 37.4   |

Instrument :

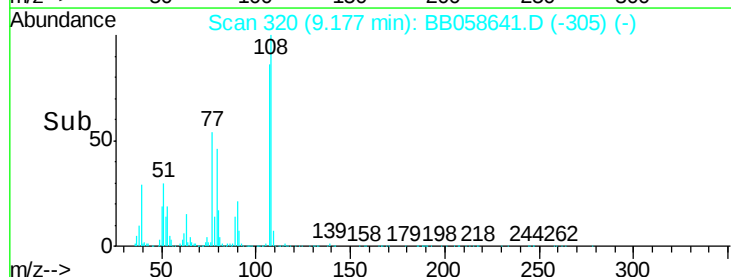
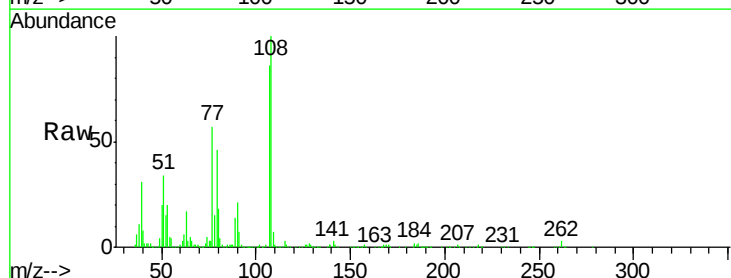
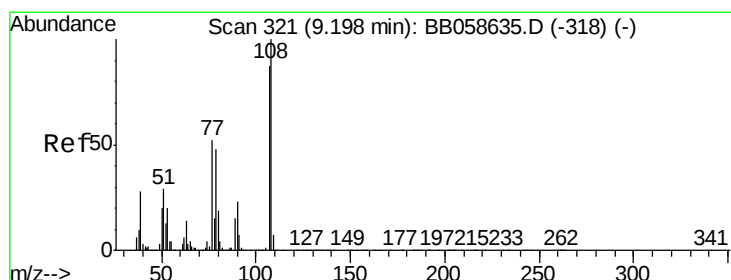
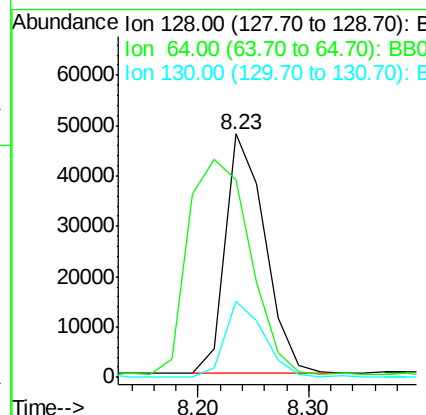
BNA\_B

ClientSampleId :

MDL-05-S-ML

Manual Integrations  
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10/19/2016 1:46:49 PM



#11

2-Methylphenol

Concen: 2.90 ng/ul

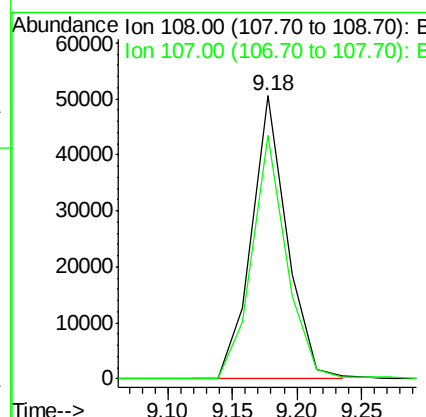
RT: 9.18 min Scan# 320

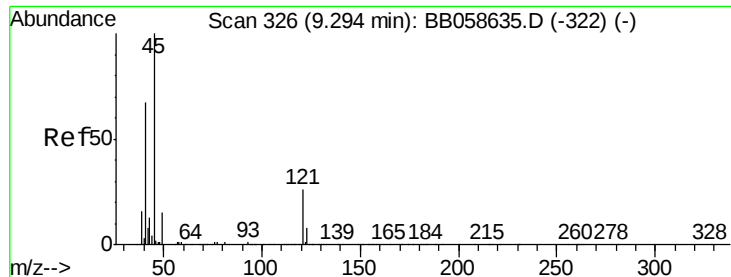
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 108   | Resp: | 96763 |
| Ion Ratio | Lower | Upper |       |
| 108       | 100   |       |       |
| 107       | 86.1  | 71.8  | 107.6 |





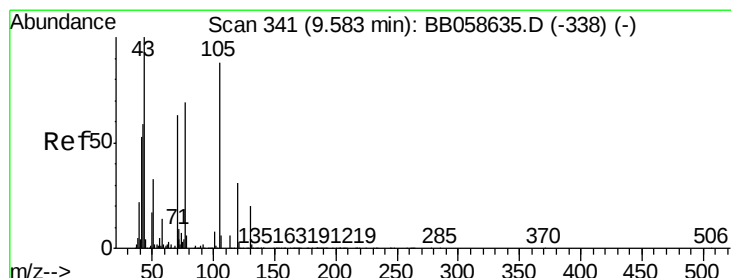
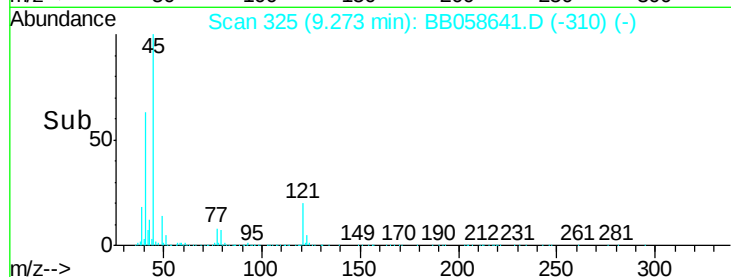
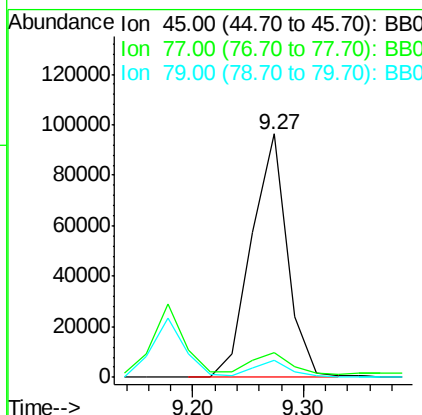
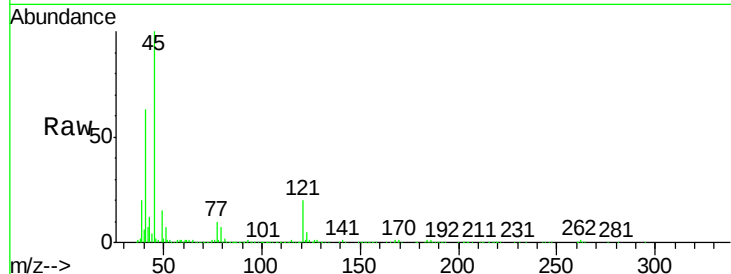
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.61 ng/ul  
RT: 9.27 min Scan# 325  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.4  | 14.1  | 21.1# |
| 79      | 6.8   | 10.4  | 15.6# |

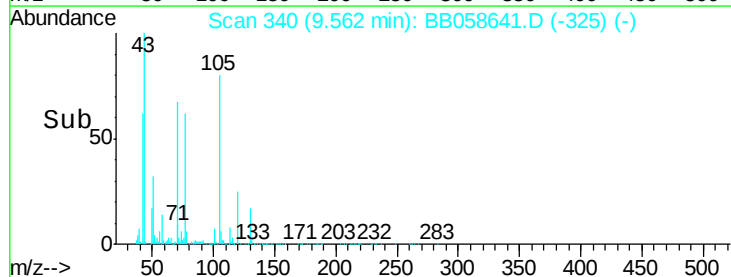
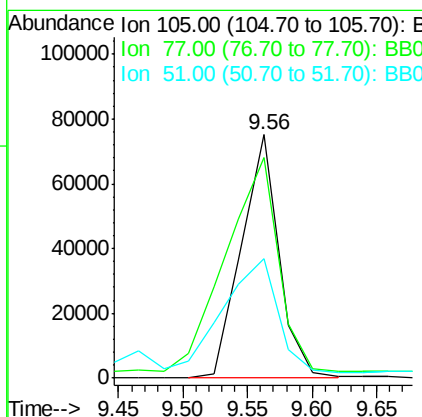
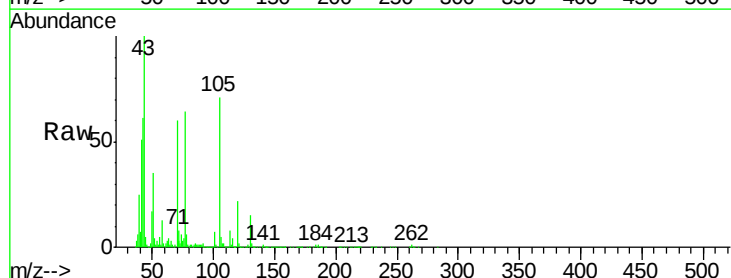
Manual Integrations  
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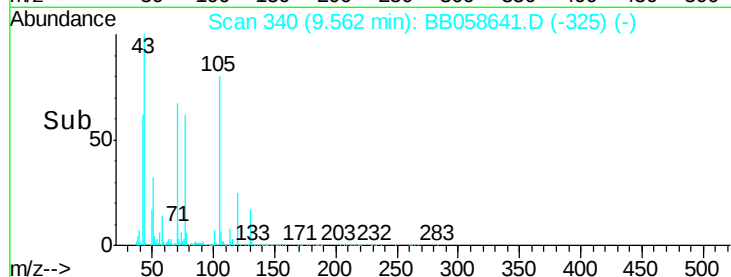
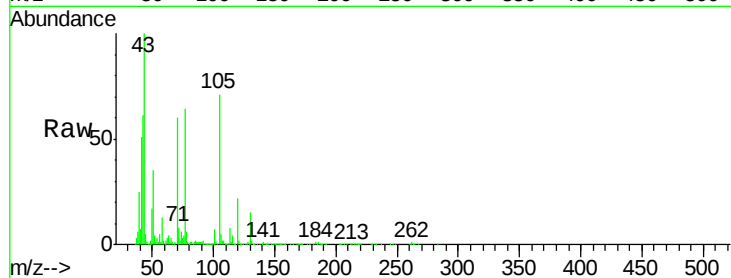
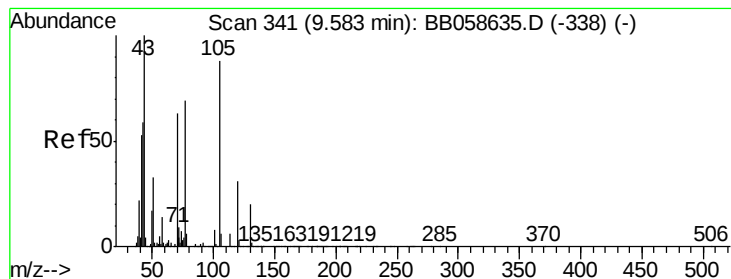
umangi  
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#14  
Acetophenone  
Concen: 2.98 ng/ul  
RT: 9.56 min Scan# 340  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 90.8  | 65.9  | 98.9  |
| 51      | 49.0  | 22.2  | 33.2# |





#15

N-Nitroso-di-n-propylamine

Concen: 3.12 ng/ul

RT: 9.56 min Scan# 340

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

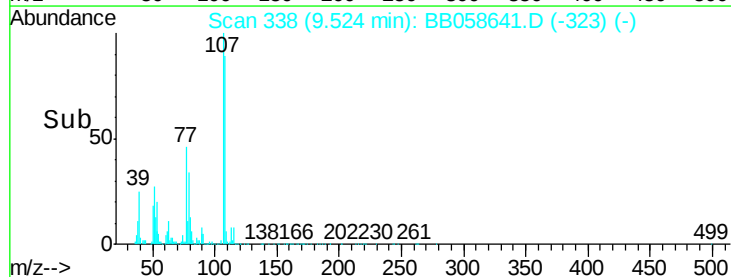
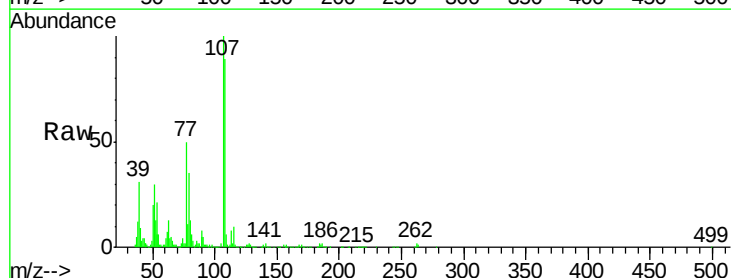
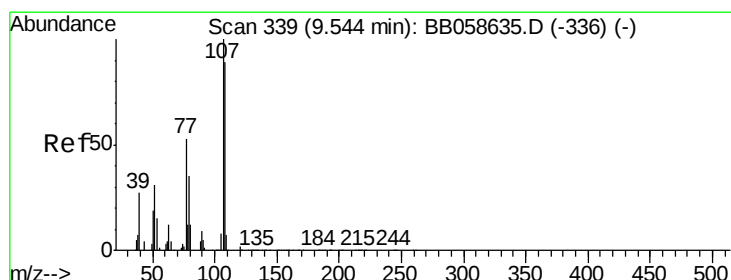
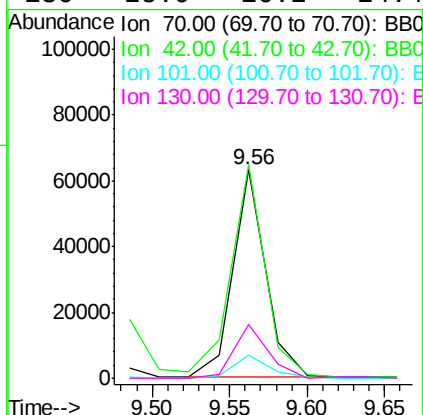
ClientSampleId :

MDL-05-S-ML

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 102.6 | 43.4  | 65.2# |
| 101     | 11.4  | 7.8   | 11.6  |
| 130     | 25.9  | 16.2  | 24.4# |

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#16

4-Methylphenol

Concen: 2.75 ng/ul

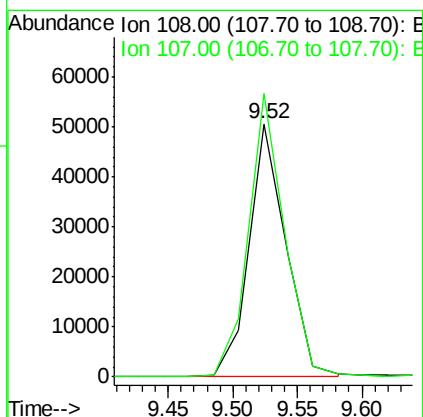
RT: 9.52 min Scan# 338

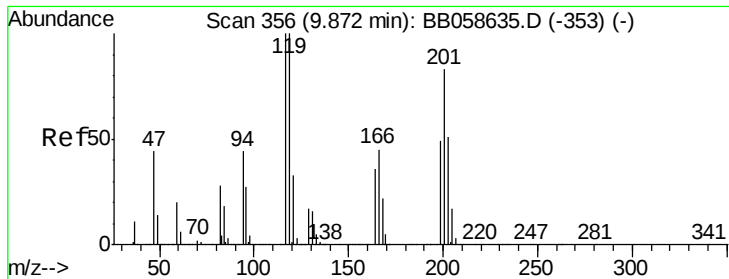
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 111.9 | 87.8  | 131.8 |





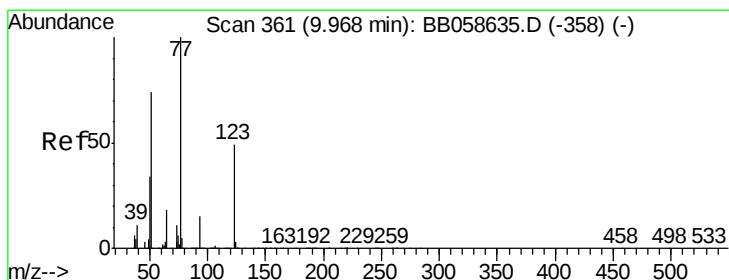
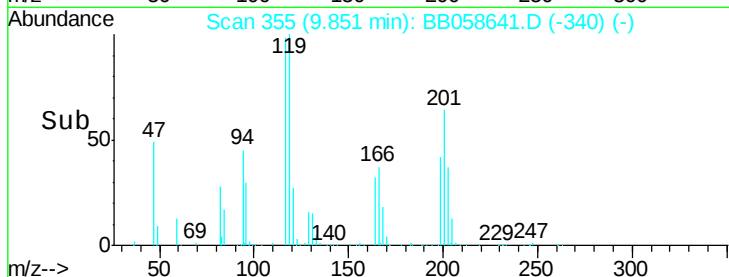
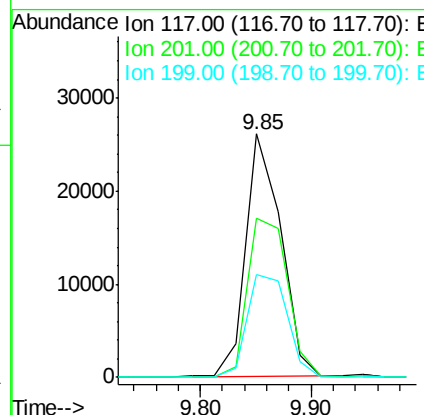
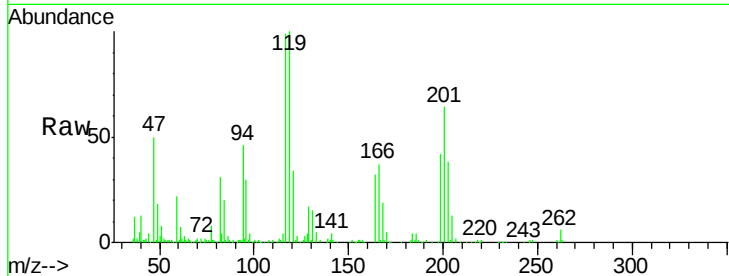
#17  
Hexachloroethane  
Concen: 2.87 ng/ul  
RT: 9.85 min Scan# 355  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 117     | 100   | 57519 |        |       |
| 201     | 65.3  | 90.3  | 135.5# |       |
| 199     | 42.1  | 58.5  | 87.7#  |       |

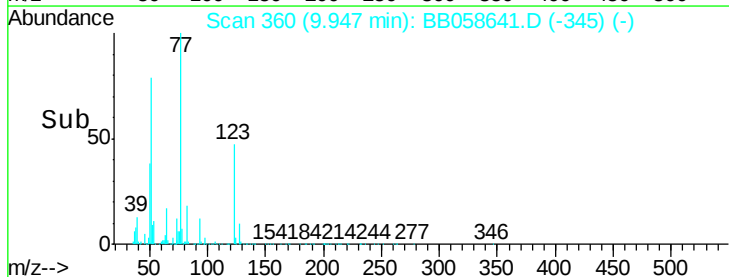
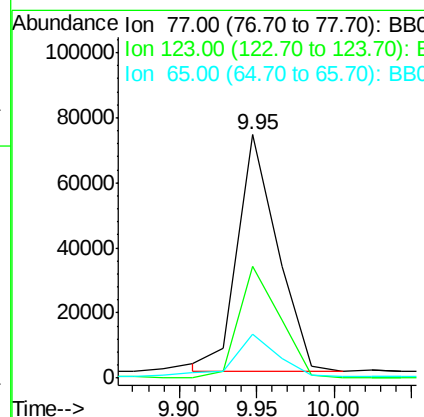
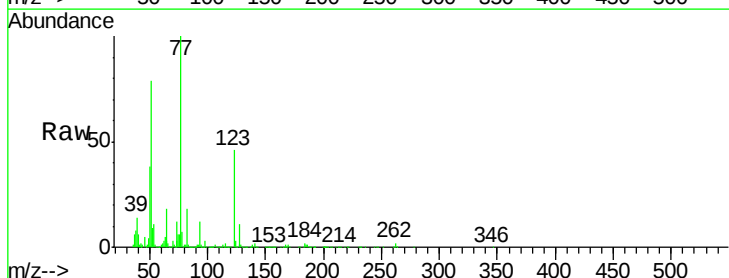
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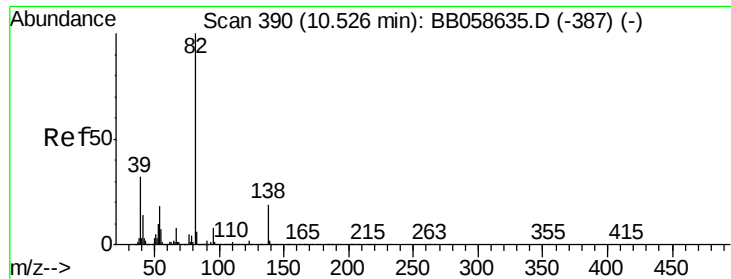
umangi  
10/19/2016 1:46:49 PM



#20  
Nitrobenzene  
Concen: 3.08 ng/ul  
RT: 9.95 min Scan# 360  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 130855 |       |       |
| 123     | 45.8  | 34.2   | 51.4  |       |
| 65      | 17.8  | 11.0   | 16.6# |       |





#21

Isophorone

Concen: 3.06 ng/ul

RT: 10.51 min Scan# 389

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

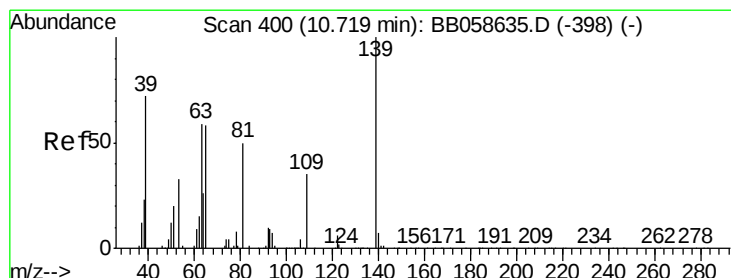
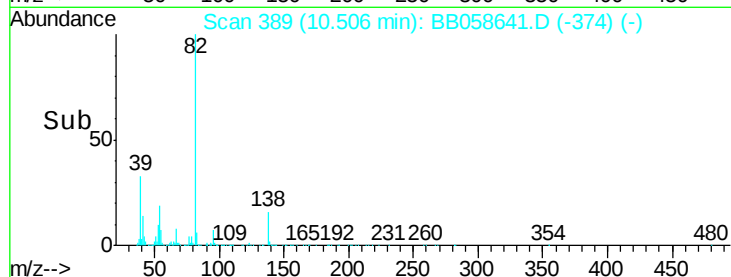
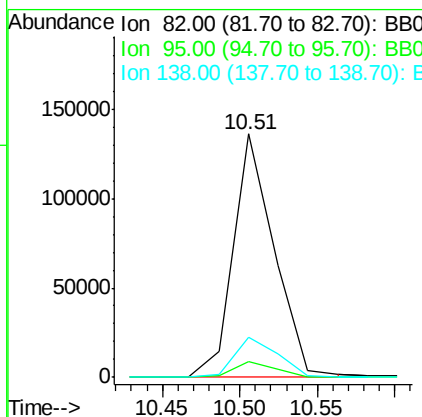
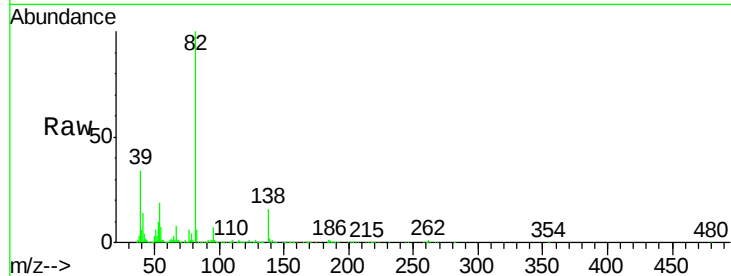
ClientSampleId :

MDL-05-S-ML

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 250189 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.7  | 6.9   | 10.3#  |
| 138       | 16.4 | 13.8  | 20.8   |

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#23

2-Nitrophenol

Concen: 2.82 ng/ul

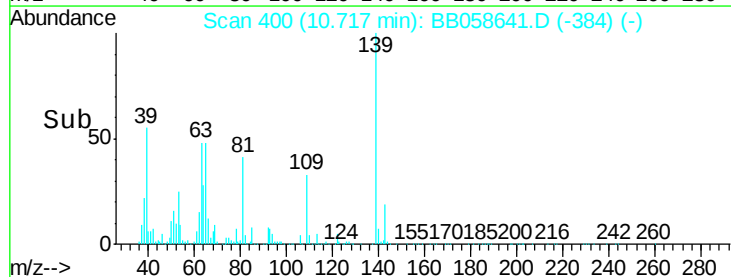
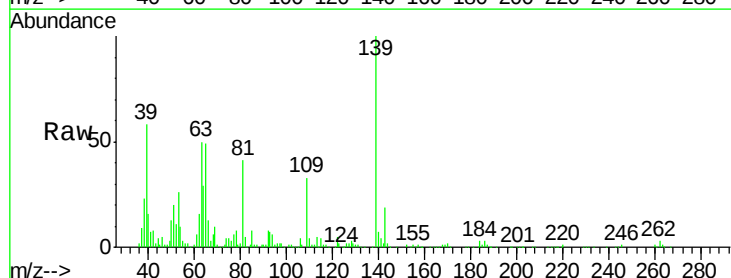
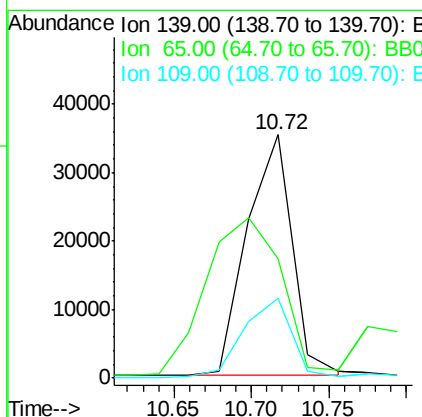
RT: 10.72 min Scan# 400

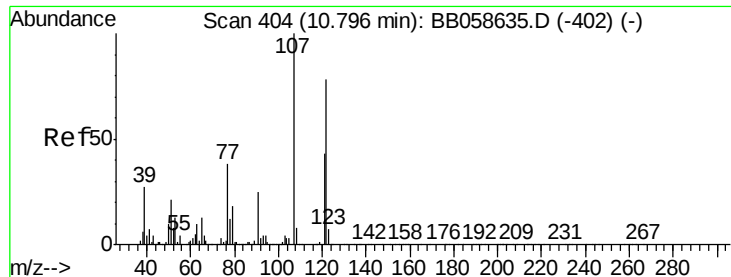
Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 71594 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 65        | 48.9 | 44.2  | 66.4  |
| 109       | 32.8 | 28.2  | 42.4  |





#24

2,4-Dimethylphenol

Concen: 2.95 ng/ul

RT: 10.79 min Scan# 404

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

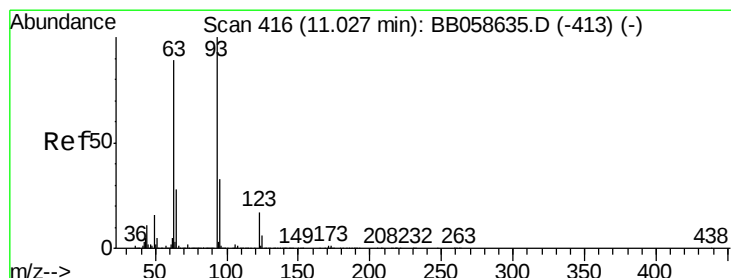
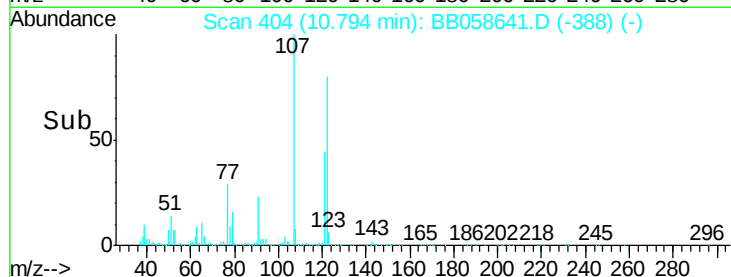
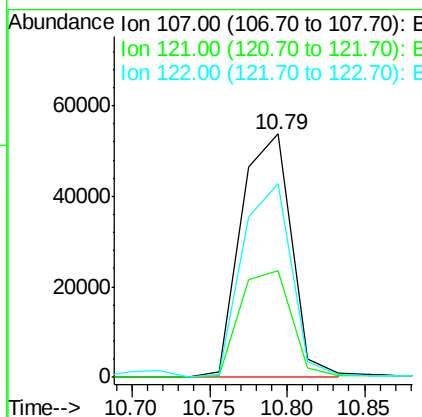
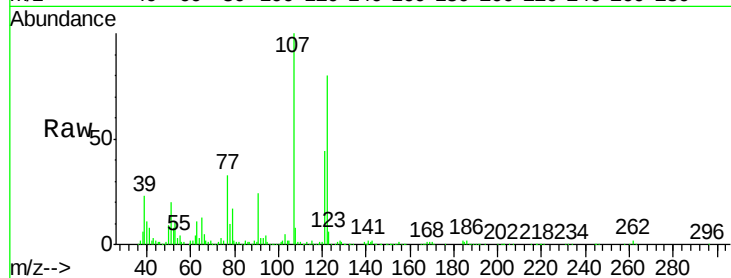
ClientSampleId :

MDL-05-S-ML

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 122658 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 121       | 43.8  | 37.1  | 55.7   |
| 122       | 79.8  | 62.8  | 94.2   |

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#25

Bis(2-Chloroethoxy)methane

Concen: 3.00 ng/ul

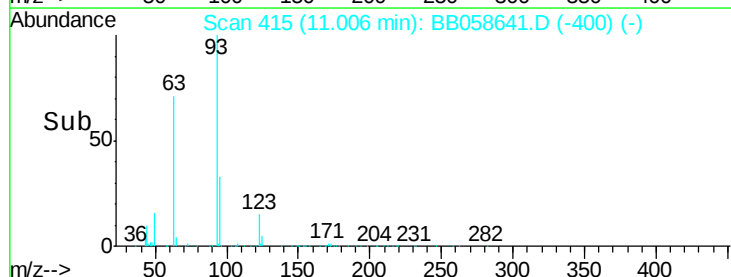
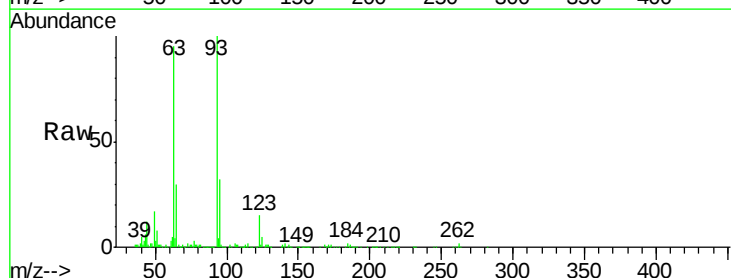
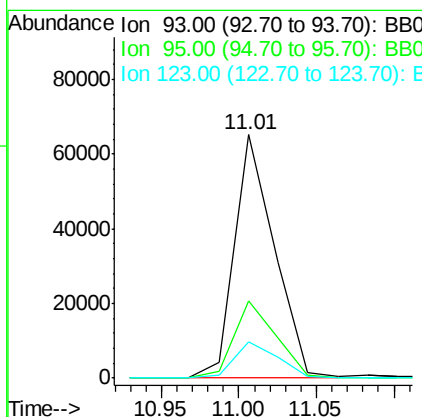
RT: 11.01 min Scan# 415

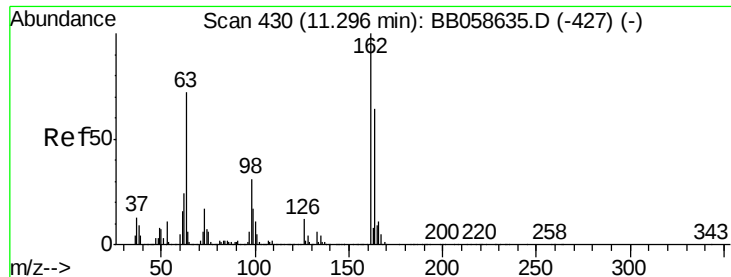
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 118395 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.0  | 25.4  | 38.0   |
| 123       | 15.1  | 8.3   | 12.5#  |





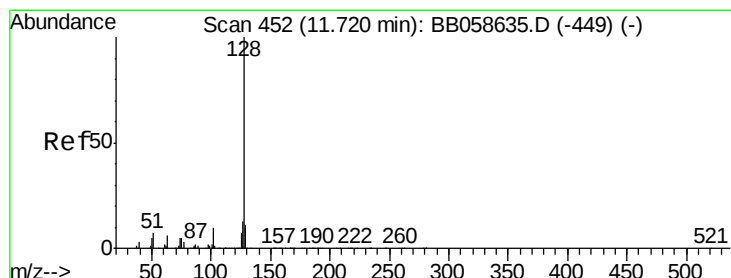
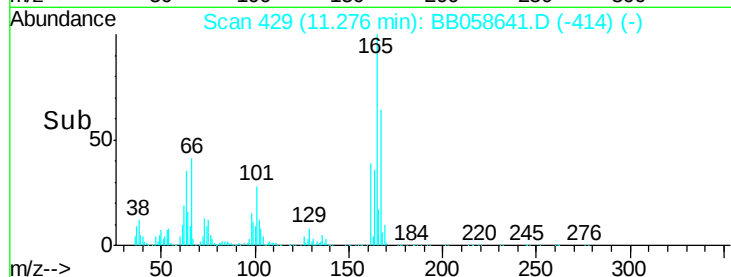
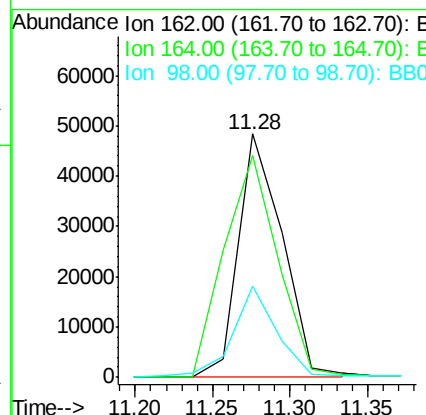
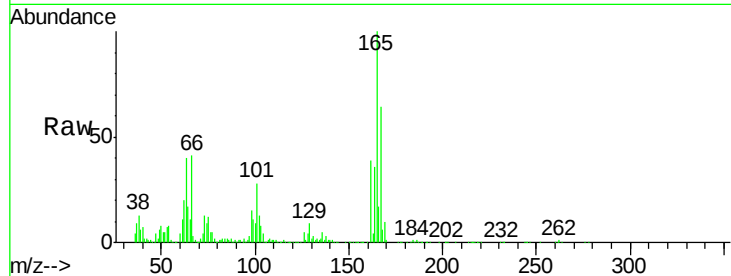
#27  
 2,4-Dichlorophenol  
 Concen: 2.78 ng/ul  
 RT: 11.28 min Scan# 429  
 Delta R.T. -0.02 min  
 Lab File: BB058641.D  
 Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 95810 |       |       |
| 164     | 91.3  | 51.6  | 77.4# |       |
| 98      | 37.7  | 28.4  | 42.6  |       |

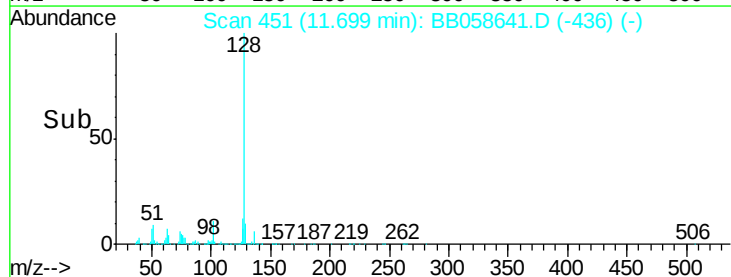
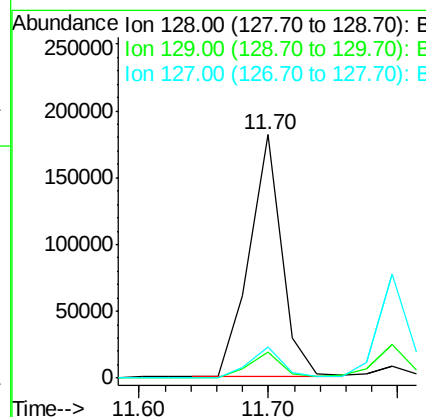
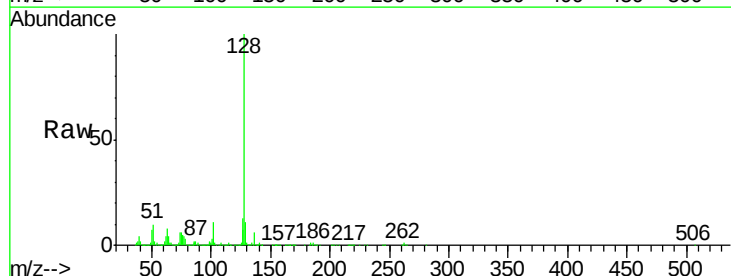
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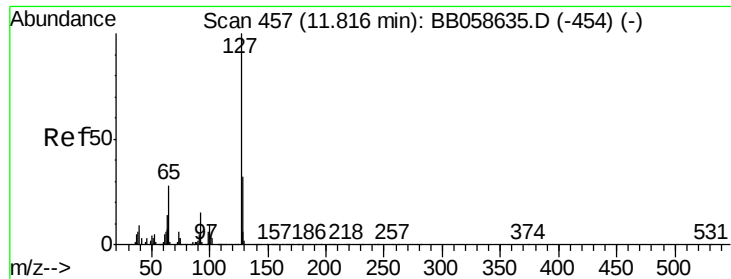
umangi  
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#28  
 Naphthalene  
 Concen: 3.07 ng/ul  
 RT: 11.70 min Scan# 451  
 Delta R.T. -0.02 min  
 Lab File: BB058641.D  
 Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 319937 |       |       |
| 129     | 10.6  | 8.6    | 12.8  |       |
| 127     | 12.7  | 10.6   | 15.8  |       |





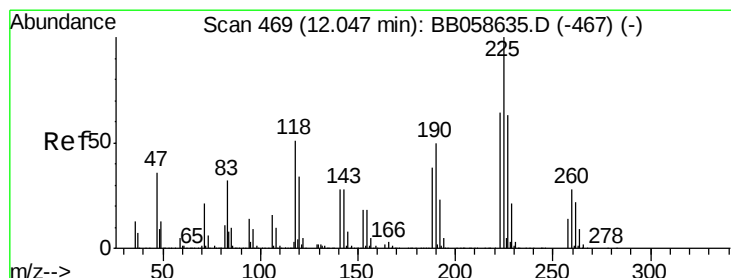
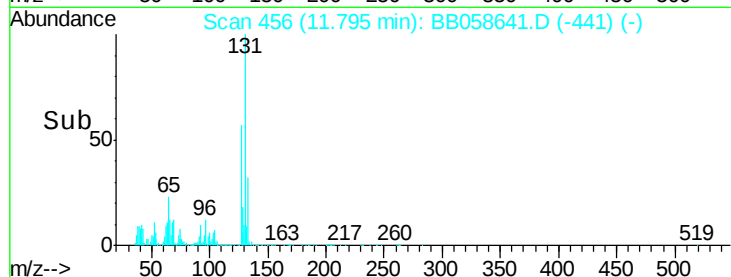
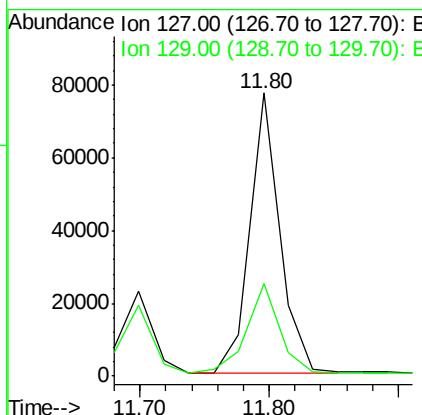
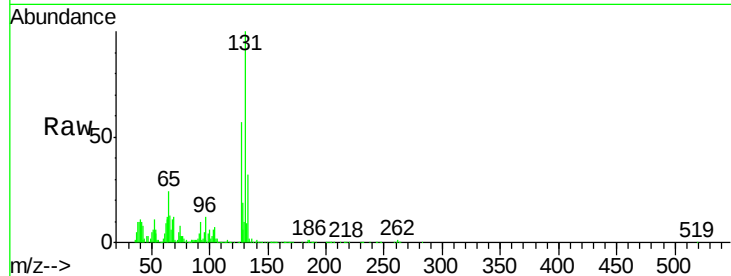
#30  
4-Chloroaniline  
Concen: 3.16 ng/ul  
RT: 11.80 min Scan# 456  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

Tgt Ion:127 Resp: 124444  
Ion Ratio Lower Upper  
127 100  
129 32.7 24.6 37.0

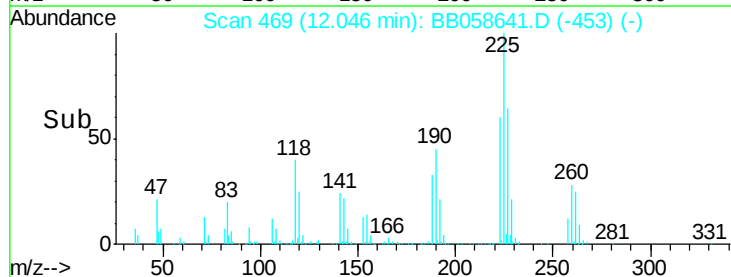
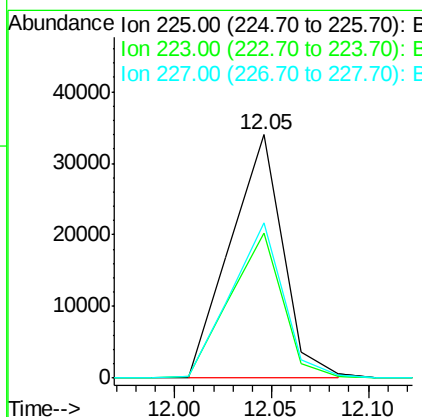
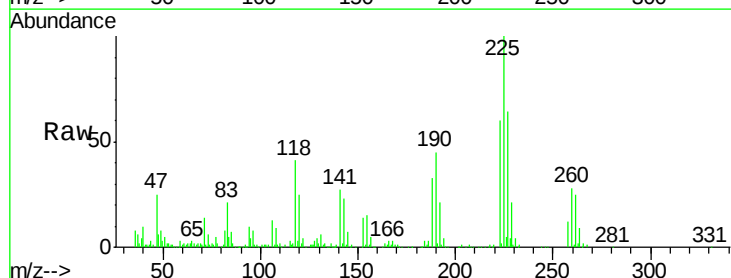
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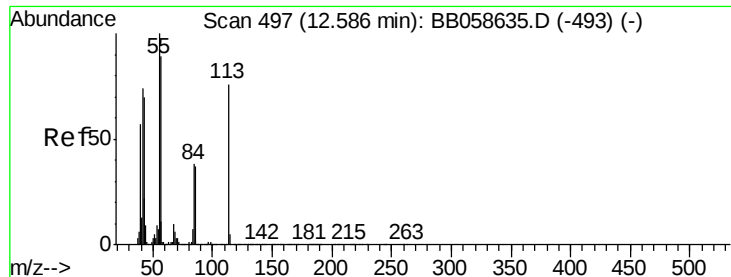
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#31  
Hexachlorobutadiene  
Concen: 2.69 ng/ul  
RT: 12.05 min Scan# 469  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

Tgt Ion:225 Resp: 63506  
Ion Ratio Lower Upper  
225 100  
223 62.2 51.2 76.8  
227 63.7 52.5 78.7





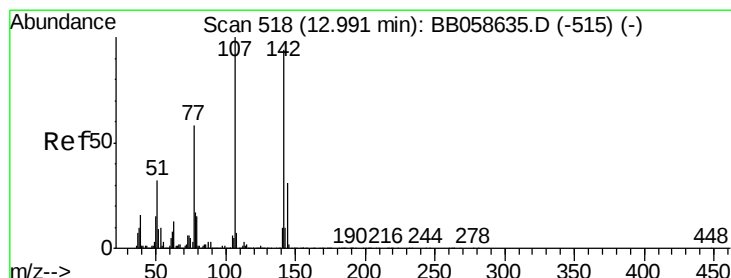
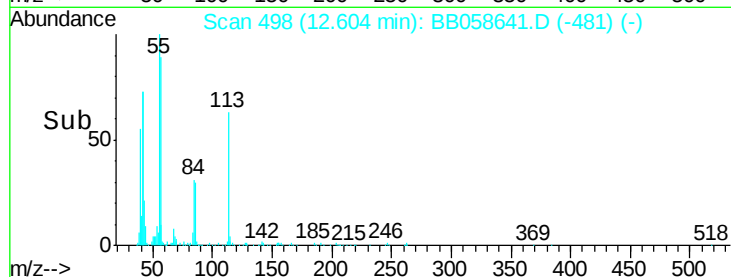
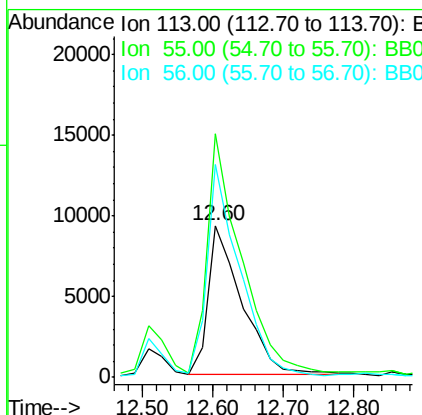
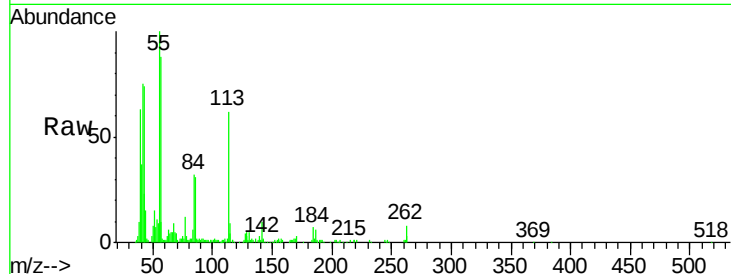
#32  
 Caprolactam  
 Concen: 2.45 ng/ul  
 RT: 12.60 min Scan# 498  
 Delta R.T. 0.02 min  
 Lab File: BB058641.D  
 Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 30695 |       |       |
| 55      | 160.7 | 121.9 | 182.9 |       |
| 56      | 140.7 | 97.4  | 146.0 |       |

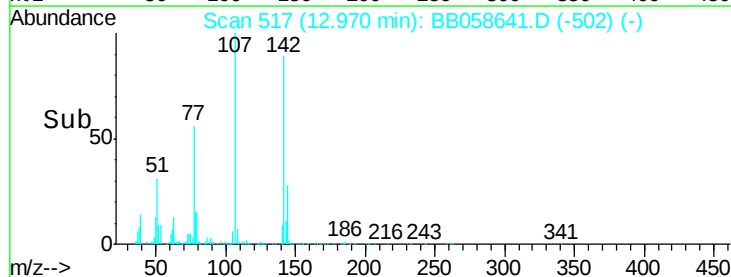
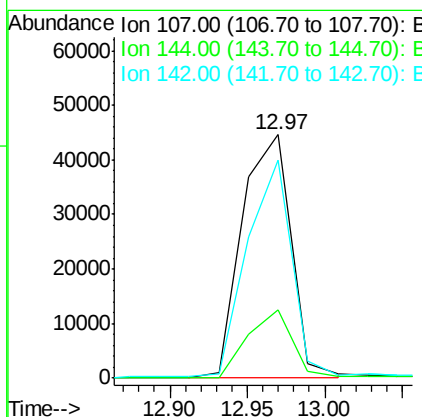
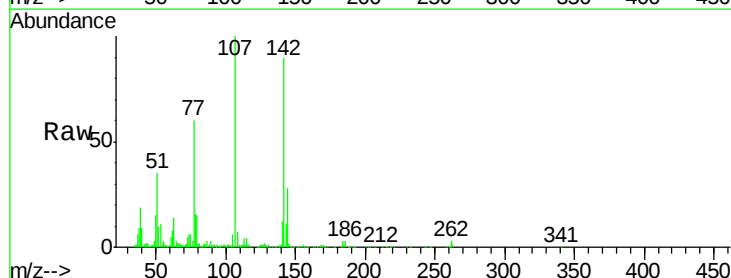
Manual Integrations  
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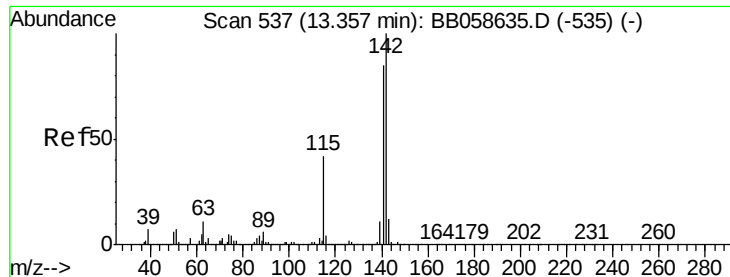
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#33  
 4-Chloro-3-methylphenol  
 Concen: 2.88 ng/ul  
 RT: 12.97 min Scan# 517  
 Delta R.T. -0.02 min  
 Lab File: BB058641.D  
 Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 99109 |       |       |
| 144     | 27.8  | 21.1  | 31.7  |       |
| 142     | 89.5  | 64.1  | 96.1  |       |





#34

2-Methylnaphthalene

Concen: 2.93 ng/ul

RT: 13.35 min Scan# 537

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

ClientSampleId :

MDL-05-S-ML

Tgt Ion:142 Resp: 210102

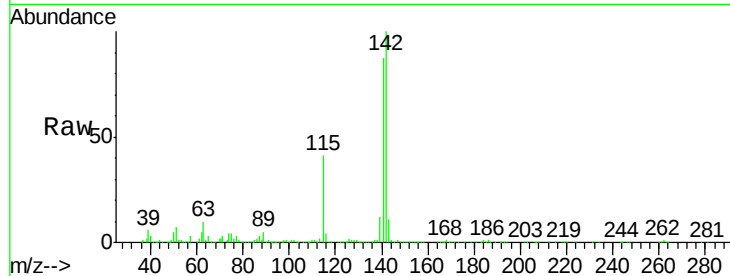
Ion Ratio Lower Upper

142 100

141 87.3 71.3 106.9

Manual Integrations  
APPROVED

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

120000

100000

80000

60000

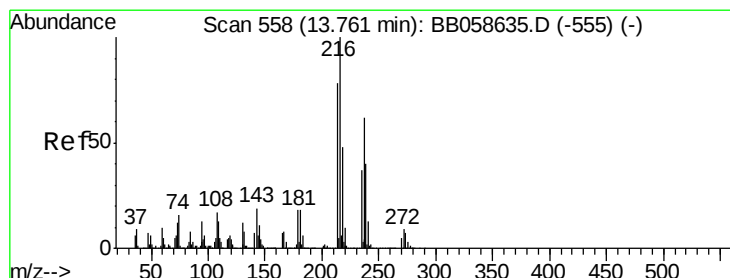
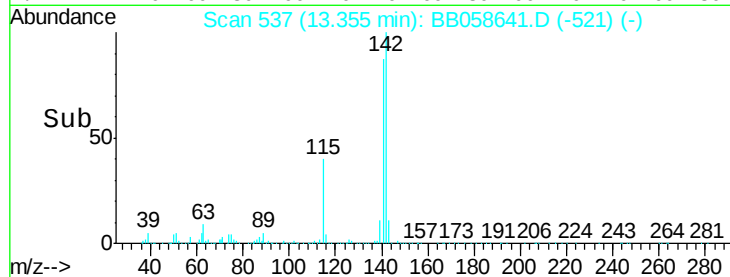
40000

20000

0

13.25 13.30 13.35 13.40

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.81 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Tgt Ion:216 Resp: 108258

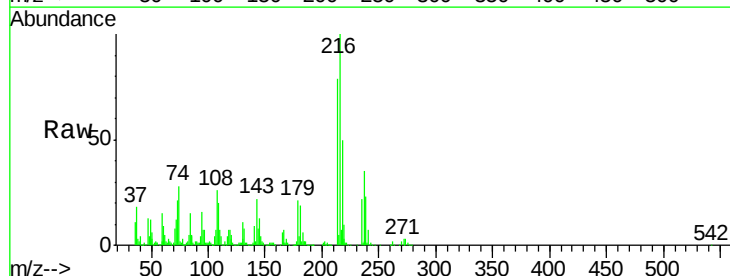
Ion Ratio Lower Upper

216 100

214 78.7 64.8 97.2

179 20.9 16.7 25.1

108 25.8 13.2 19.8#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

100000

80000

60000

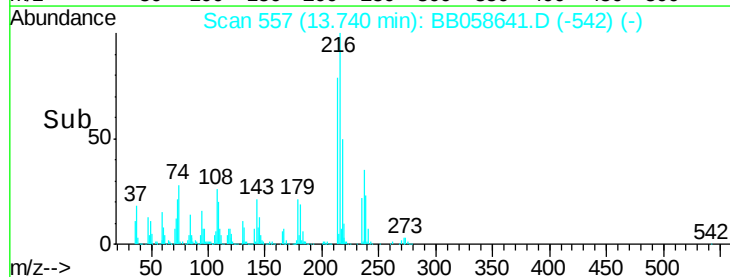
40000

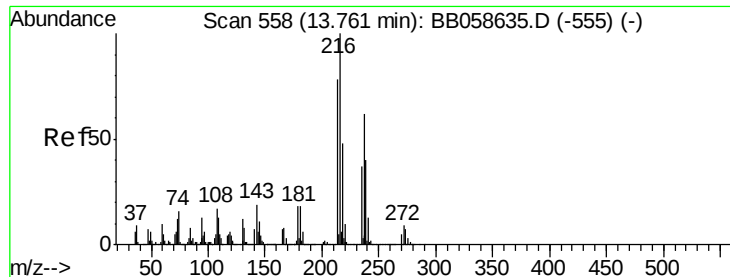
20000

0

13.70 13.75 13.80

Time-->





#37

Hexachlorocyclopentadiene

Concen: 1.66 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

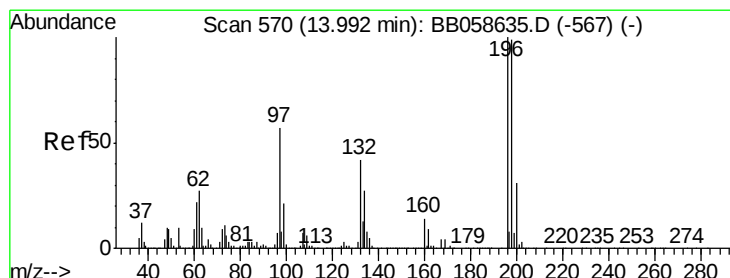
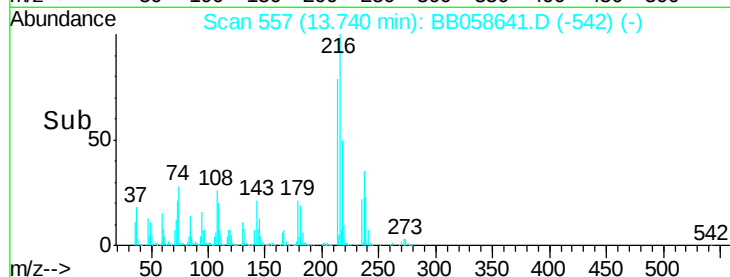
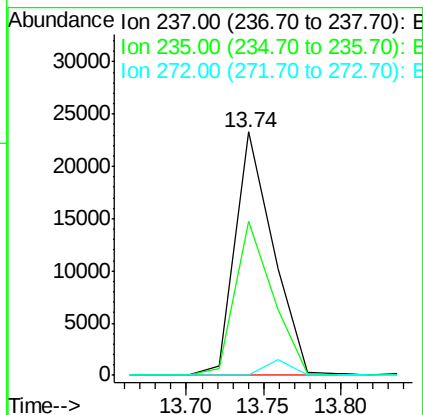
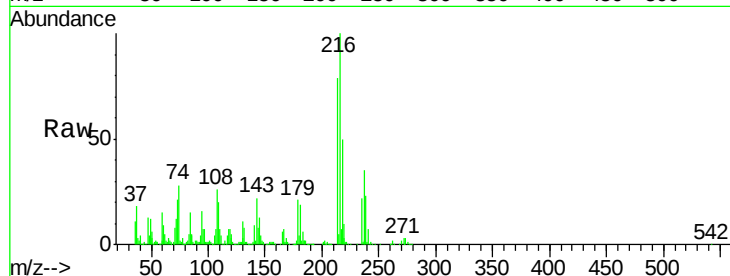
ClientSampleId :

MDL-05-S-ML

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 40395 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.3  | 49.6  | 74.4  |
| 272       | 0.4   | 10.4  | 15.6# |

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#38

2,4,6-Trichlorophenol

Concen: 2.55 ng/ul

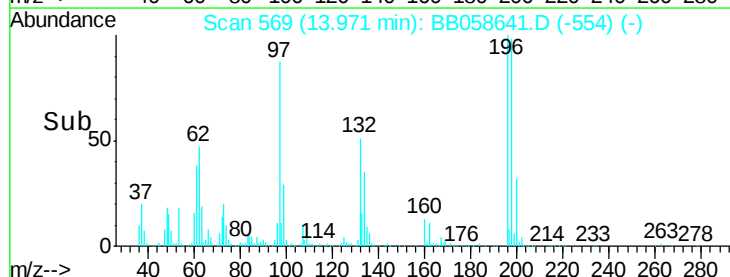
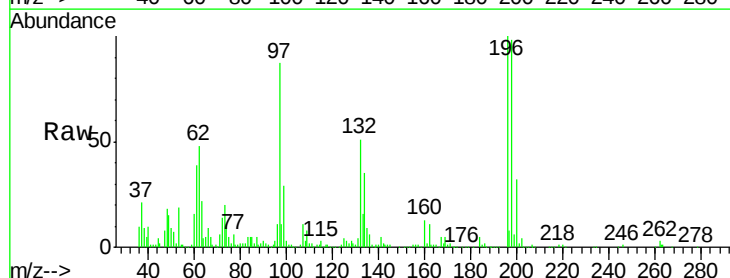
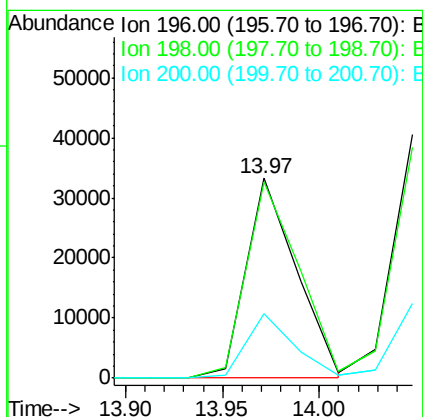
RT: 13.97 min Scan# 569

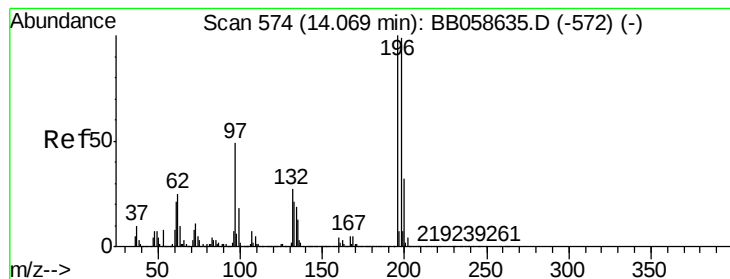
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 59690 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 98.4  | 76.9  | 115.3 |
| 200       | 32.2  | 25.1  | 37.7  |





#39

2,4,5-Trichlorophenol

Concen: 2.65 ng/ul

RT: 14.05 min Scan# 573

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

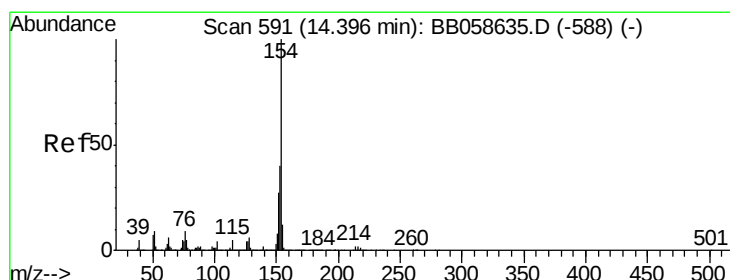
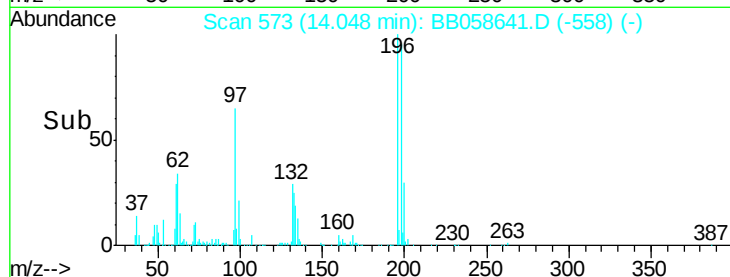
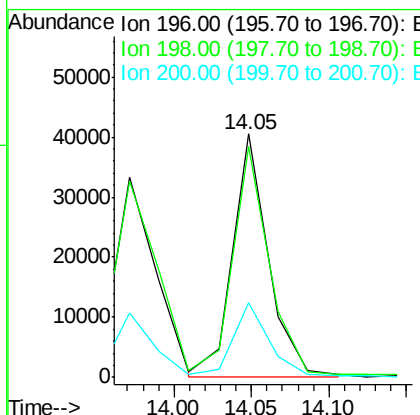
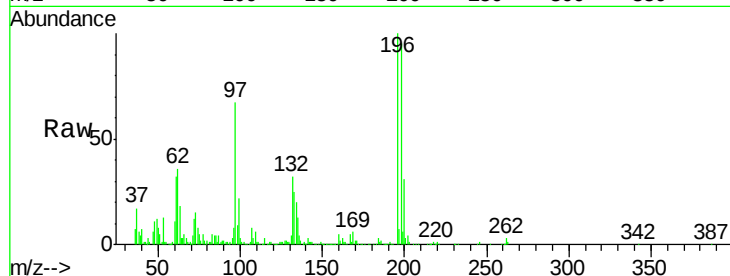
ClientSampled :

MDL-05-S-ML

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 65803 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.6  | 76.8  | 115.2 |
| 200       | 30.6  | 27.0  | 40.4  |

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#40

1,1'-Biphenyl

Concen: 2.88 ng/ul

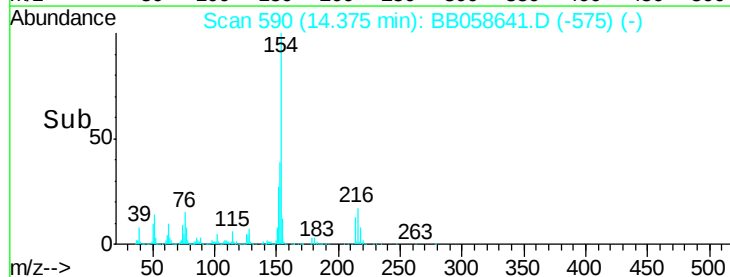
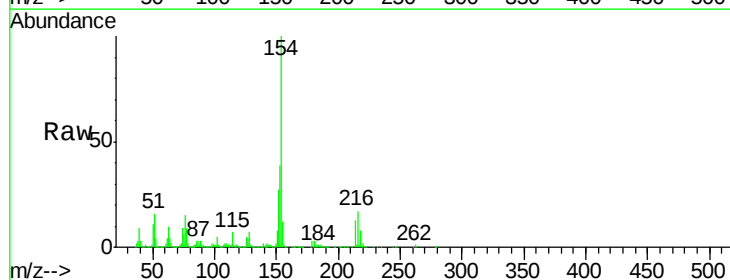
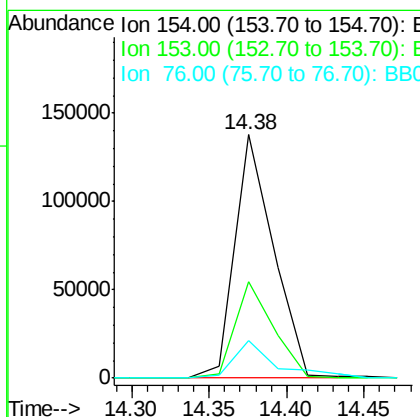
RT: 14.38 min Scan# 590

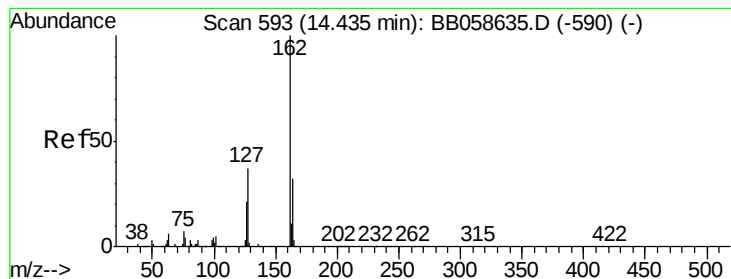
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 241749 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.5  | 31.3  | 46.9   |
| 76        | 15.2  | 10.0  | 15.0#  |





#41

2-Chloronaphthalene

Concen: 2.81 ng/ul

RT: 14.41 min Scan# 592

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

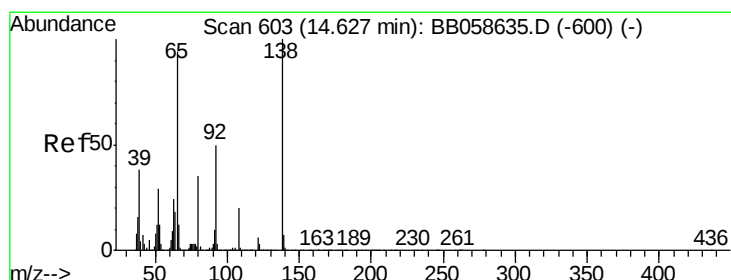
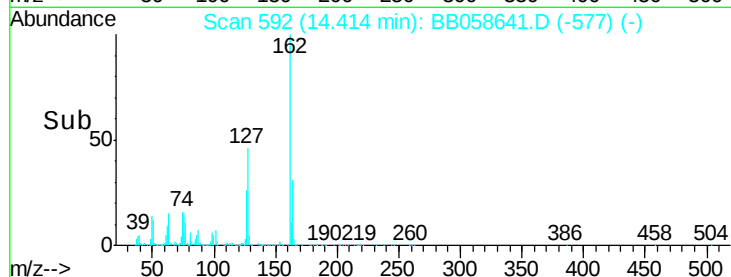
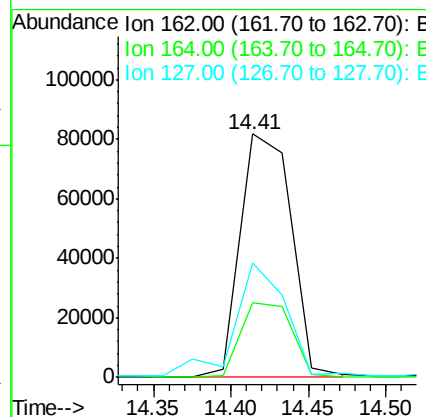
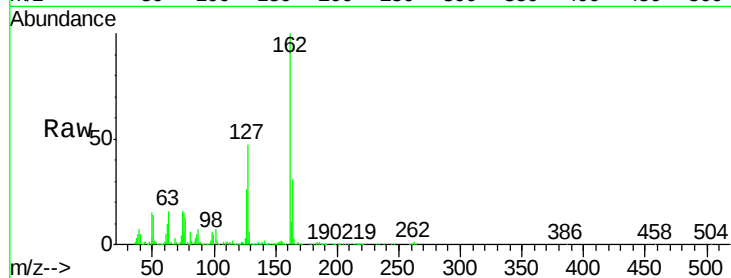
ClientSampleId :

MDL-05-S-ML

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 188560 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 30.6  | 26.9  | 40.3   |
| 127       | 46.9  | 31.2  | 46.8#  |

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#42

2-Nitroaniline

Concen: 2.96 ng/ul

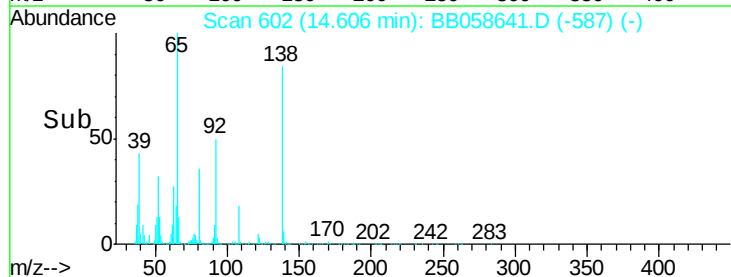
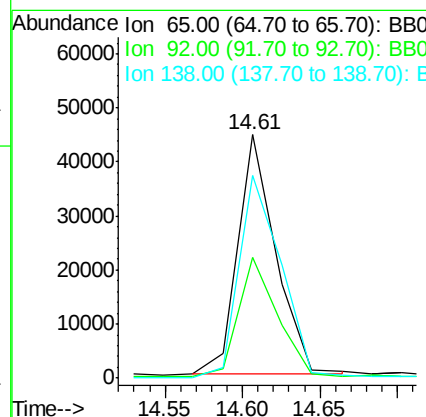
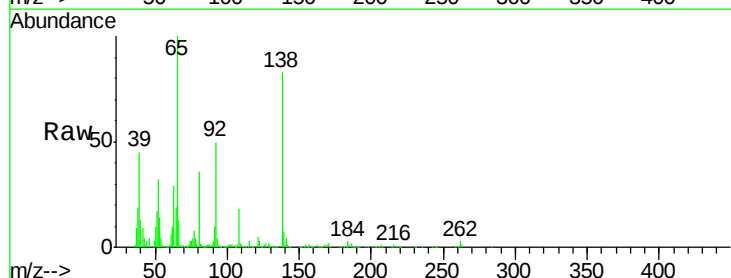
RT: 14.61 min Scan# 602

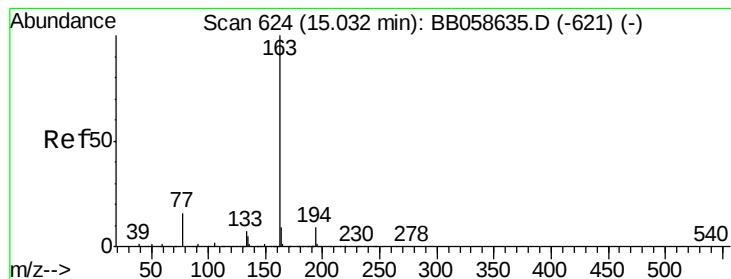
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 76177 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 49.7  | 55.6  | 83.4# |
| 138       | 83.2  | 81.3  | 121.9 |





#44

Dimethylphthalate

Concen: 2.96 ng/ul

RT: 15.01 min Scan# 623

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

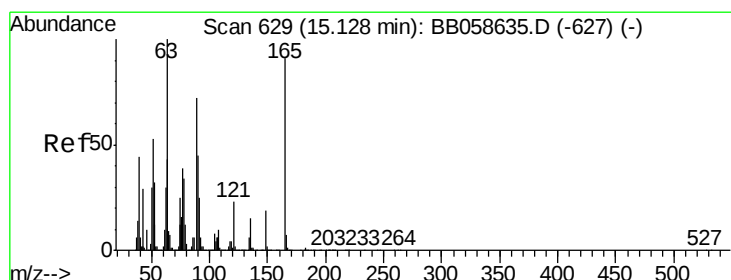
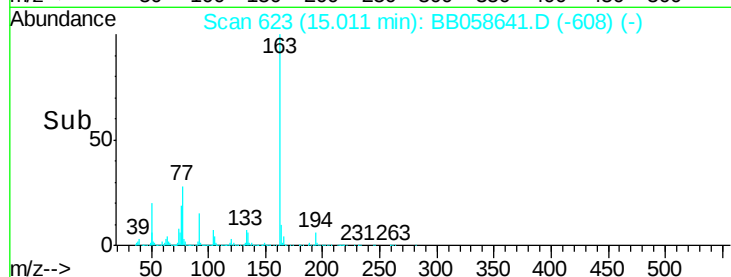
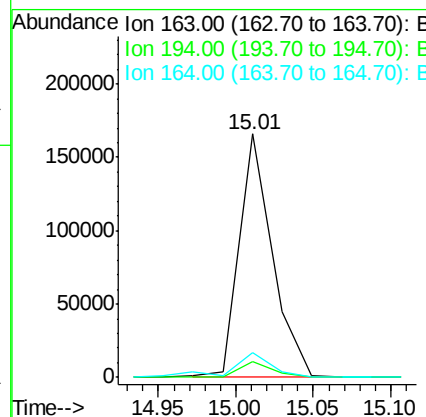
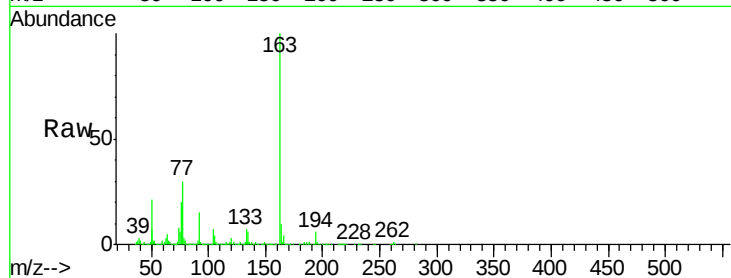
ClientSampleId :

MDL-05-S-ML

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 246544 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 6.5  | 3.4   | 5.2#   |
| 164       | 10.3 | 7.8   | 11.8   |

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#45

2,6-Dinitrotoluene

Concen: 2.65 ng/ul

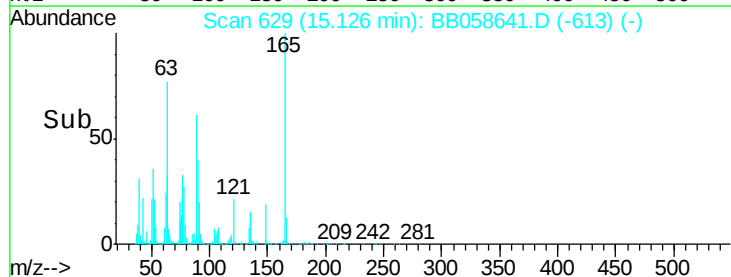
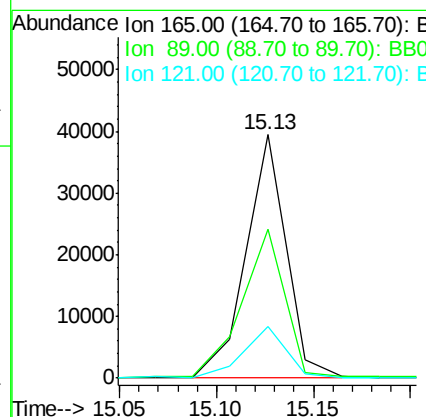
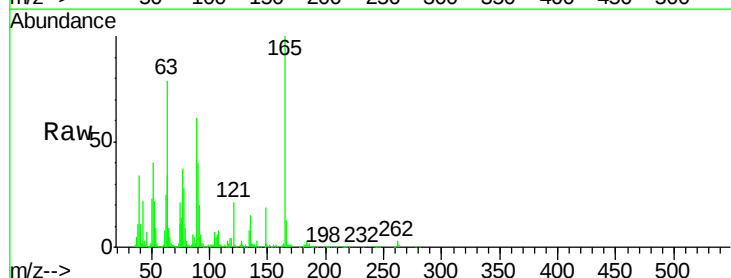
RT: 15.13 min Scan# 629

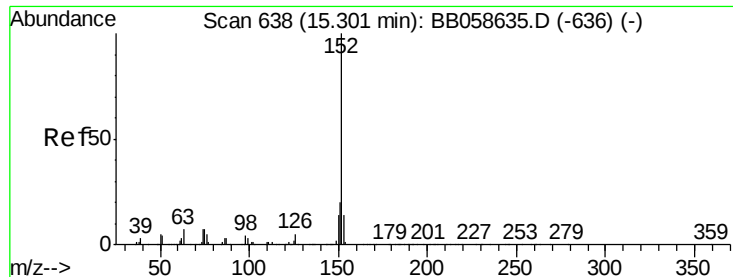
Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 165  | Resp: | 55742 |
| Ion Ratio |      | Lower | Upper |
| 165       | 100  |       |       |
| 89        | 61.1 | 46.6  | 69.8  |
| 121       | 21.3 | 16.0  | 24.0  |





#47

Acenaphthylene

Concen: 3.28 ng/ul

RT: 15.30 min Scan# 638

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

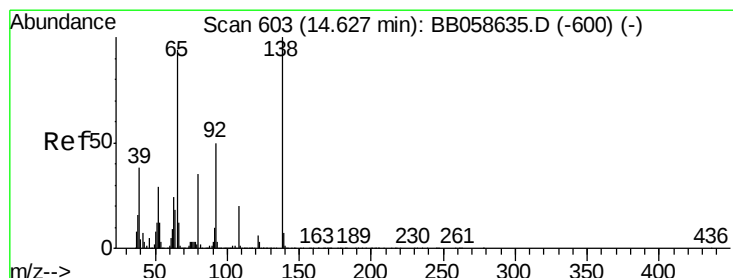
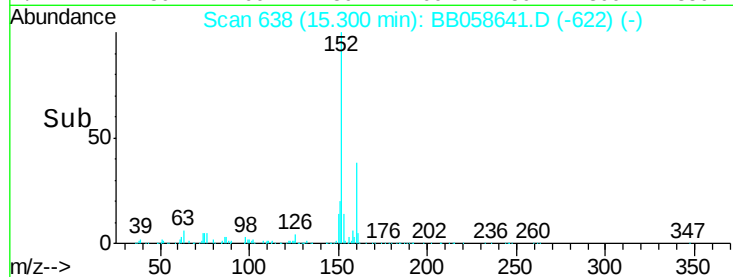
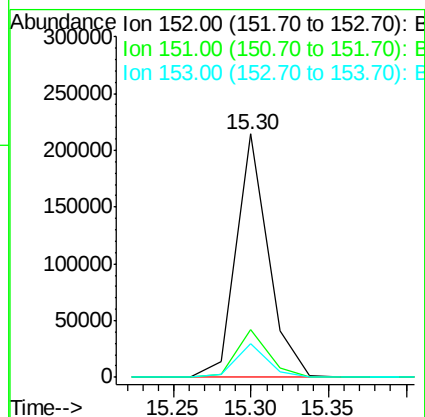
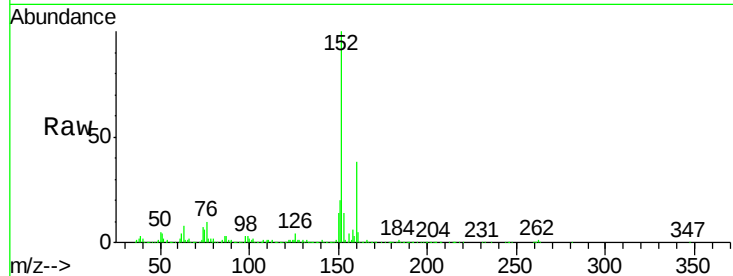
ClientSampleId :

MDL-05-S-ML

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 312556 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.6  | 16.0  | 24.0   |
| 153       | 13.7  | 11.0  | 16.6   |

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#48

3-Nitroaniline

Concen: 2.59 ng/ul

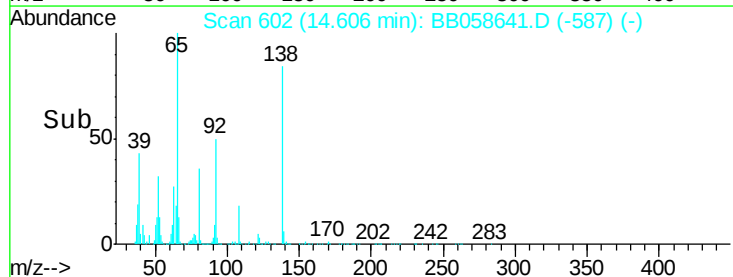
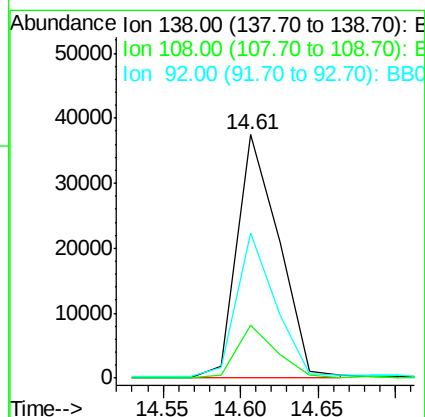
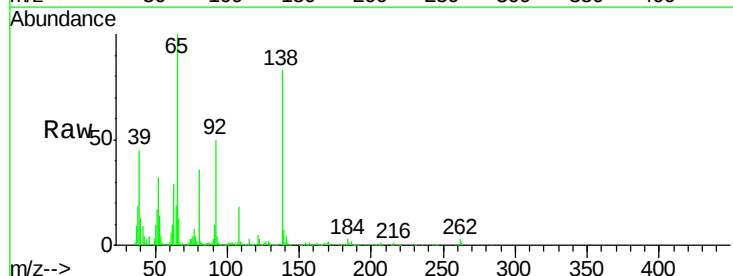
RT: 14.61 min Scan# 602

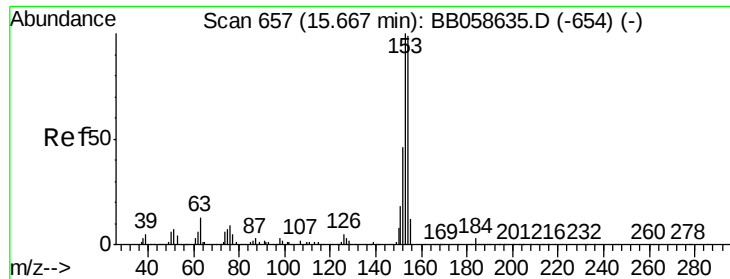
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 71397  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 21.9  | 9.4   | 14.0#  |
| 92        | 59.8  | 96.6  | 145.0# |





#49

Acenaphthene

Concen: 2.87 ng/ul

RT: 15.67 min Scan# 657

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

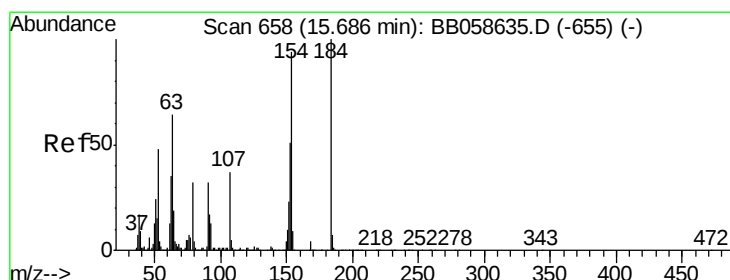
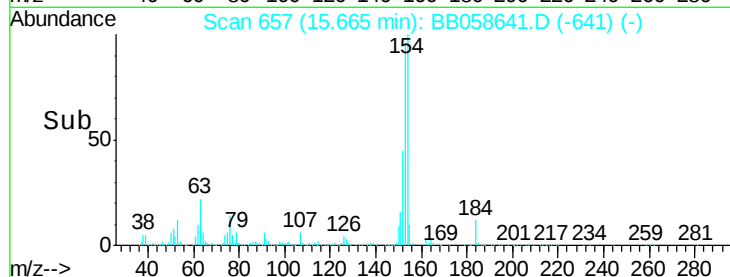
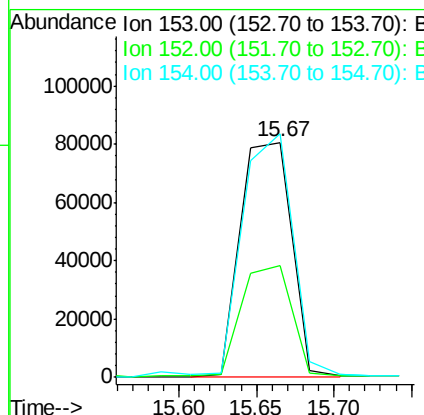
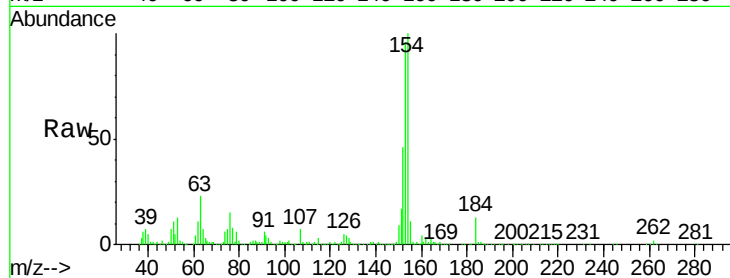
ClientSampleId :

MDL-05-S-ML

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 153     | 100   | 187923 |       |       |
| 152     | 47.8  | 37.8   | 56.6  |       |
| 154     | 103.7 | 71.4   | 107.0 |       |

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#50

2,4-Dinitrophenol

Concen: 1.38 ng/ul

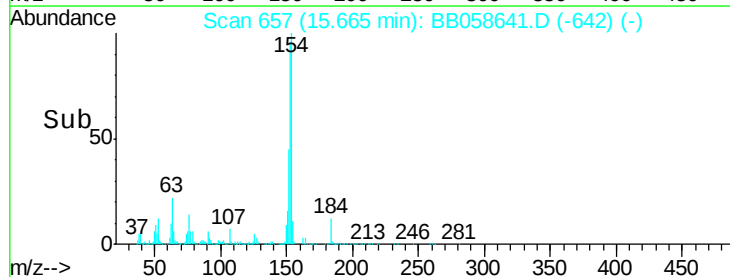
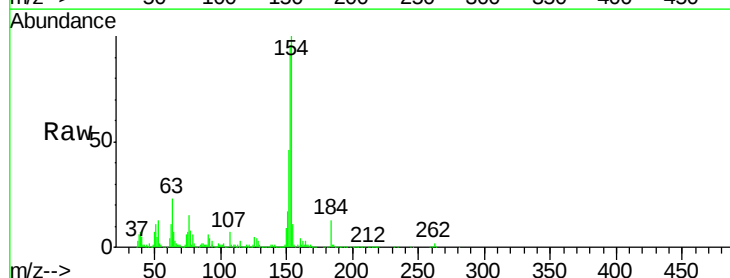
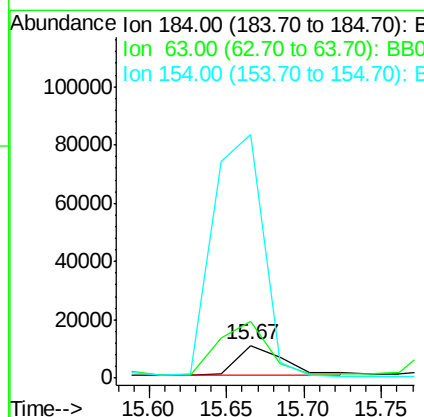
RT: 15.67 min Scan# 657

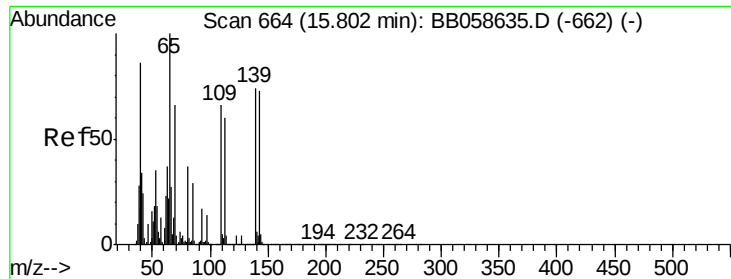
Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 20773 |       |       |
| 63      | 174.4 | 43.4  | 65.0# |       |
| 154     | 743.1 | 48.2  | 72.4# |       |





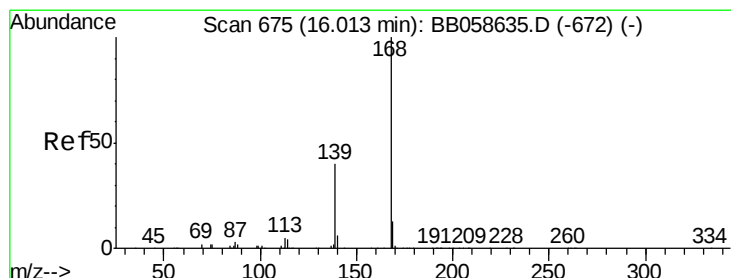
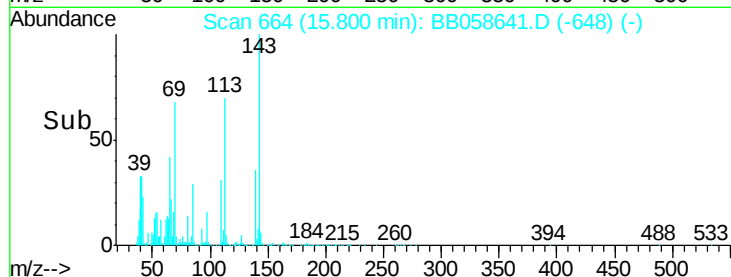
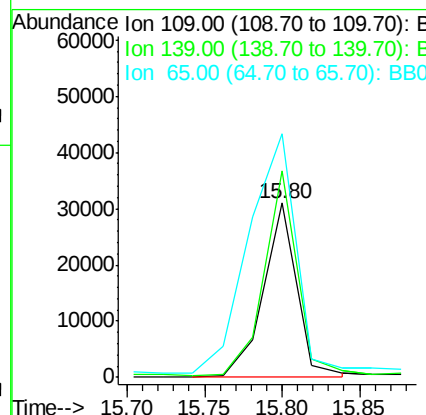
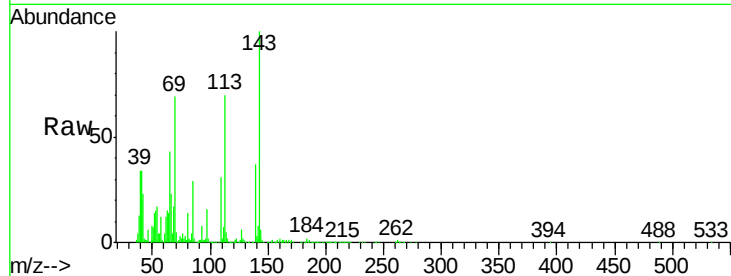
#52  
4-Nitrophenol  
Concen: 2.99 ng/ul  
RT: 15.80 min Scan# 664  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 109     | 100   | 46519 |       |       |
| 139     | 118.2 | 88.7  | 133.1 |       |
| 65      | 139.7 | 96.4  | 144.6 |       |

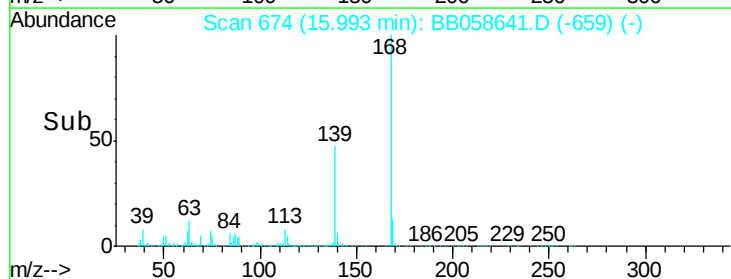
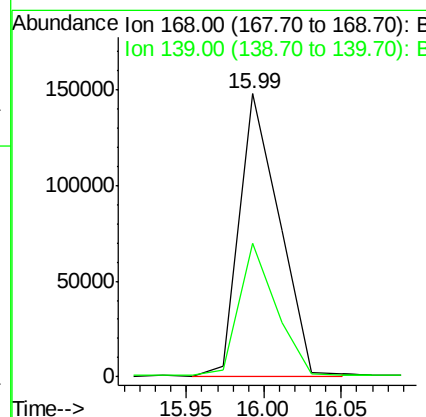
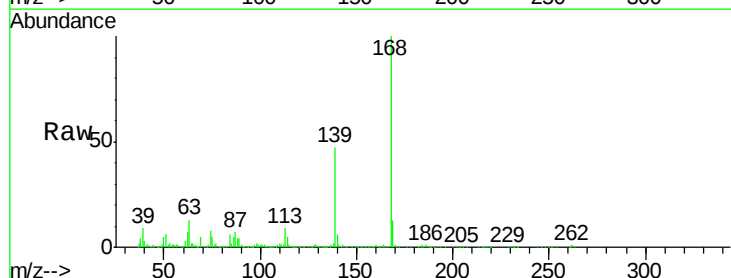
Manual Integrations  
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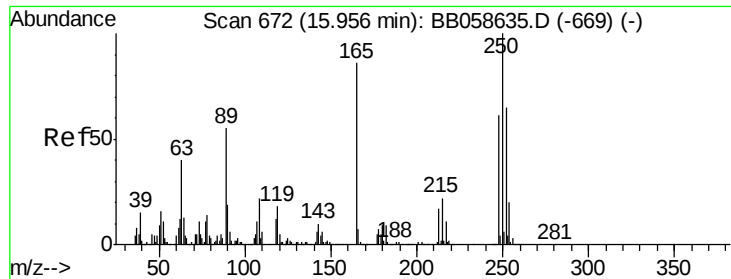
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#53  
Dibenzofuran  
Concen: 2.86 ng/ul  
RT: 15.99 min Scan# 674  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 266780 |       |       |
| 139     | 47.4  | 30.1   | 45.1  | #     |





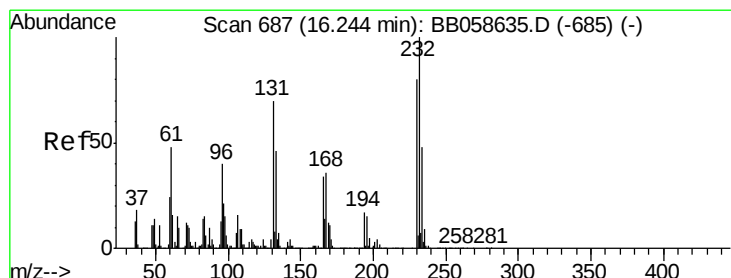
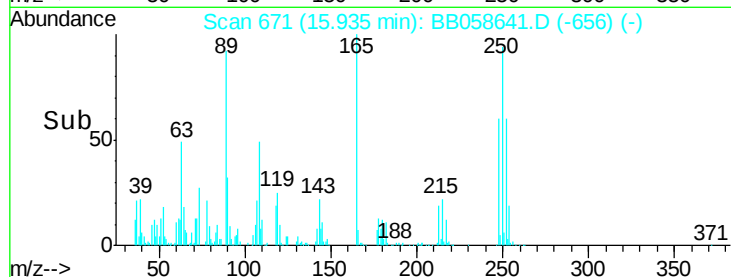
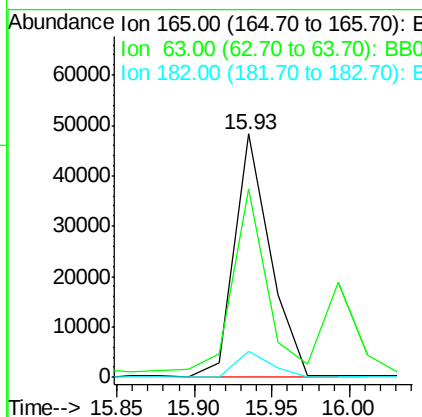
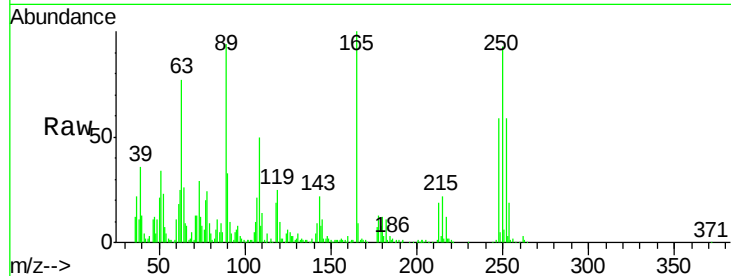
#54  
2,4-Dinitrotoluene  
Concen: 2.65 ng/ul  
RT: 15.93 min Scan# 671  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 77922 |       |       |
| 63      | 77.3  | 36.2  | 54.2# |       |
| 182     | 10.8  | 2.2   | 3.4#  |       |

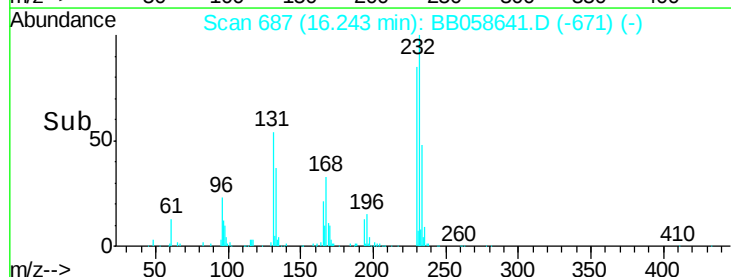
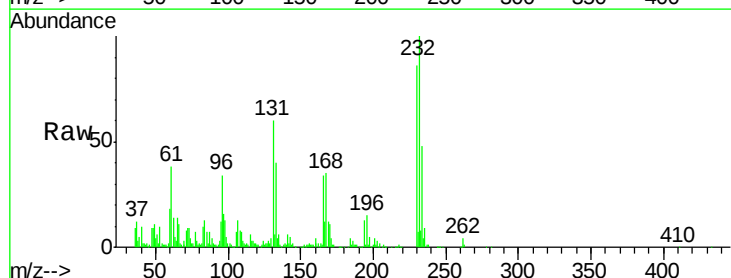
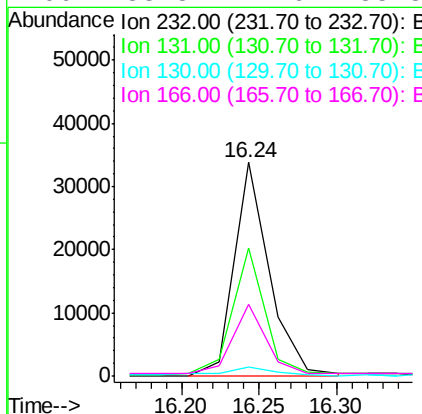
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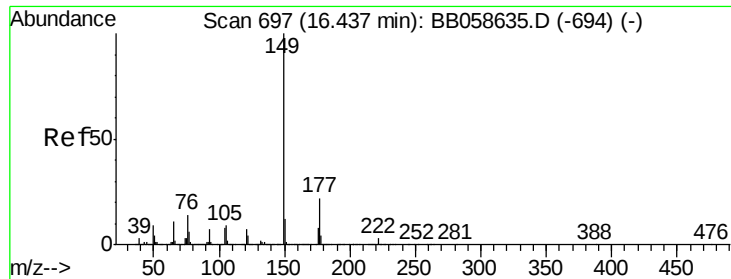
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#55  
2,3,4,6-Tetrachlorophenol  
Concen: 2.49 ng/ul  
RT: 16.24 min Scan# 687  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 53958 |       |       |
| 131     | 59.9  | 31.4  | 47.0# |       |
| 130     | 4.1   | 1.6   | 2.4#  |       |
| 166     | 33.8  | 22.6  | 33.8  |       |





#56

Diethylphthalate

Concen: 3.07 ng/ul

RT: 16.44 min Scan# 697

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

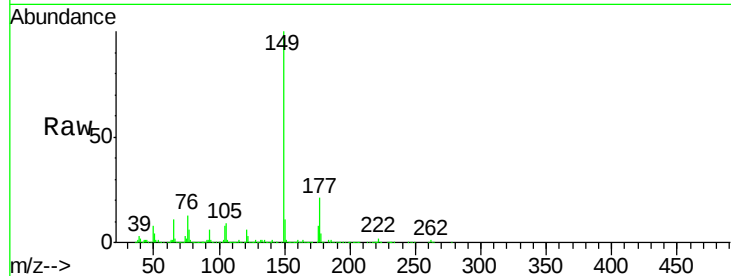
ClientSampleId :

MDL-05-S-ML

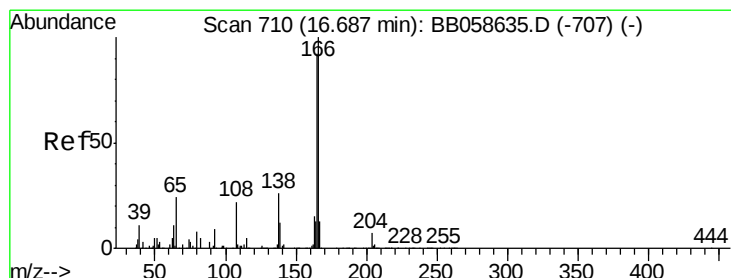
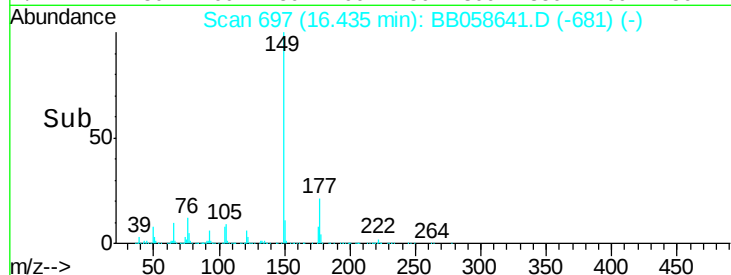
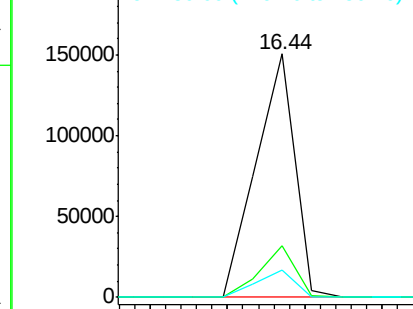
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 265920 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.4  | 18.6  | 28.0   |
| 150       | 11.1  | 10.0  | 15.0   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 2.81 ng/ul

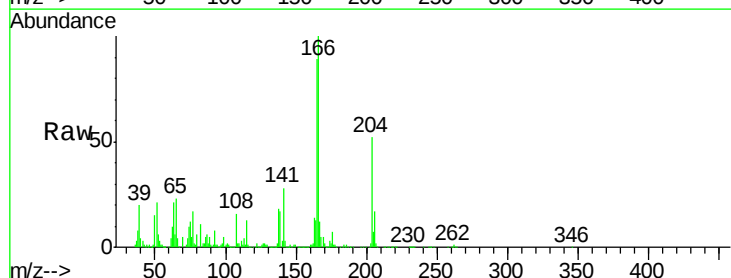
RT: 16.67 min Scan# 709

Delta R.T. -0.02 min

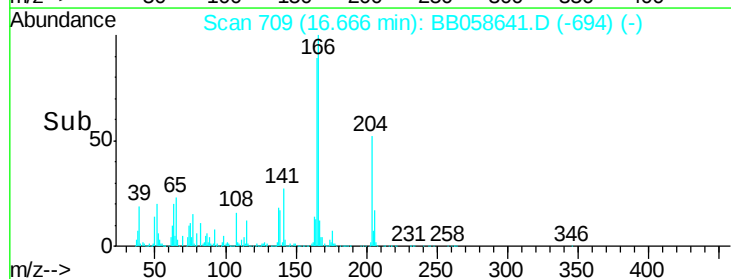
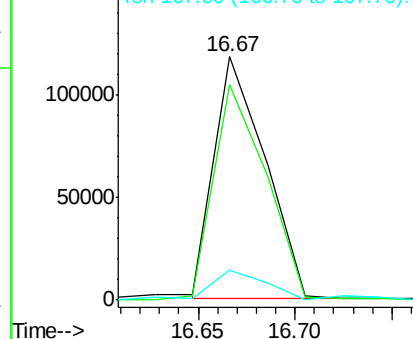
Lab File: BB058641.D

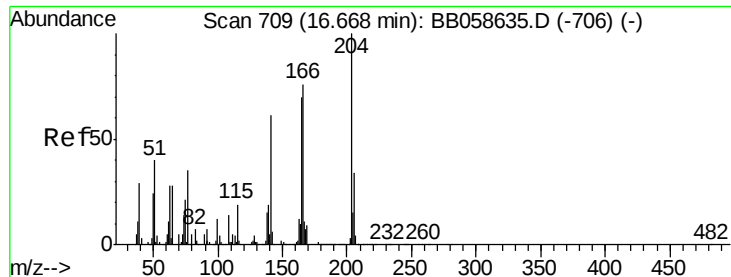
Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 213207 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 88.7  | 79.9  | 119.9  |
| 167       | 12.1  | 10.5  | 15.7   |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





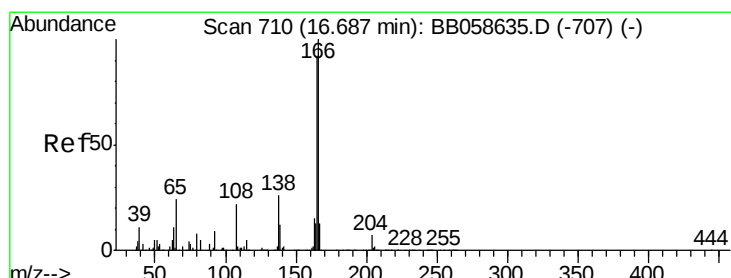
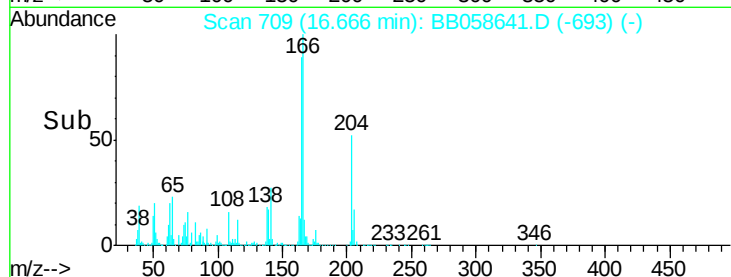
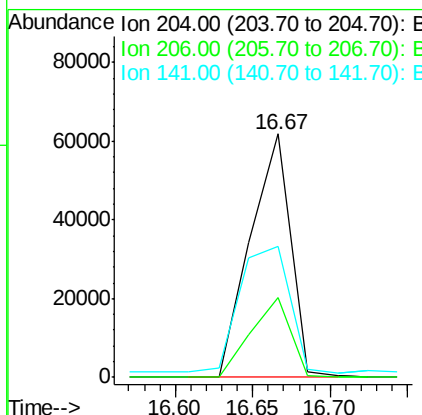
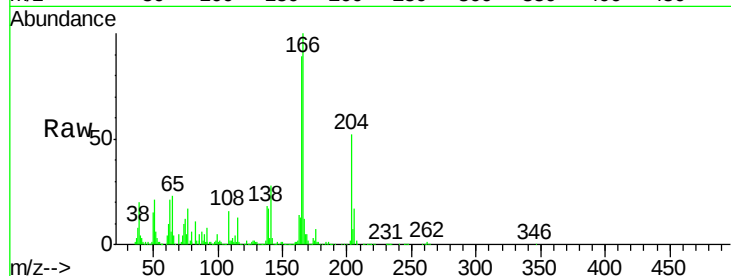
#59  
4-Chlorophenyl-phenylether  
Concen: 2.77 ng/ul  
RT: 16.67 min Scan# 709  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 113100 |       |       |
| 206     | 33.0  | 25.9   | 38.9  |       |
| 141     | 53.6  | 46.1   | 69.1  |       |

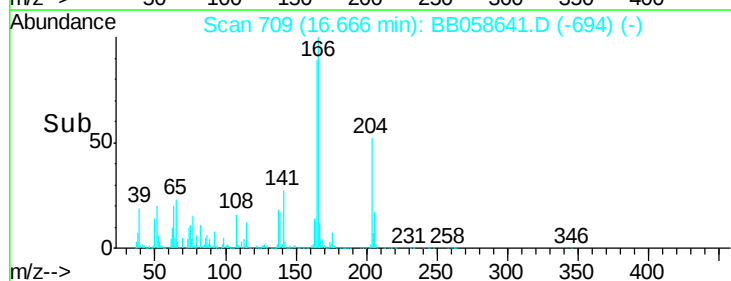
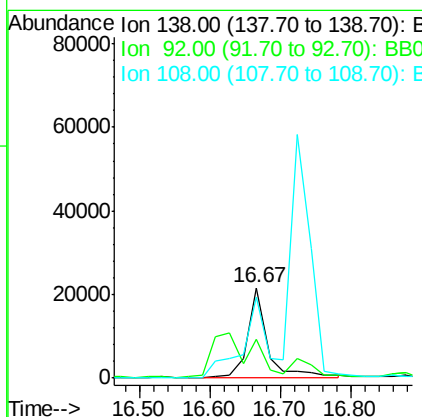
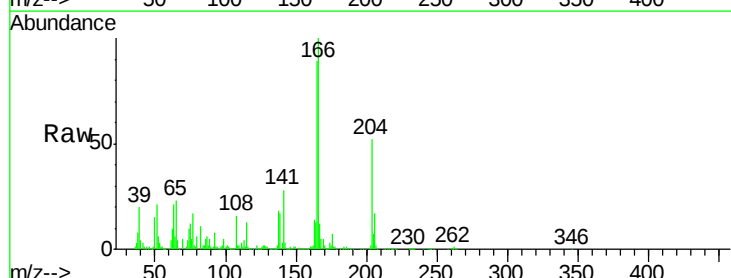
Manual Integrations  
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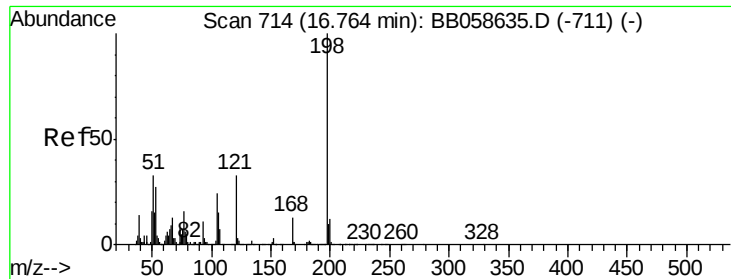
umangi  
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#60  
4-Nitroaniline  
Concen: 1.96 ng/ul  
RT: 16.67 min Scan# 709  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 42564 |       |       |
| 92      | 42.9  | 43.5  | 65.3# |       |
| 108     | 89.7  | 80.3  | 120.5 |       |





#63

4,6-Dinitro-2-methylphenol

Concen: 2.47 ng/ul

RT: 16.74 min Scan# 713

Delta R.T. -0.02 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

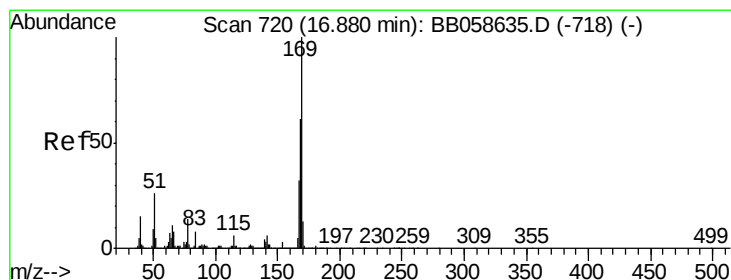
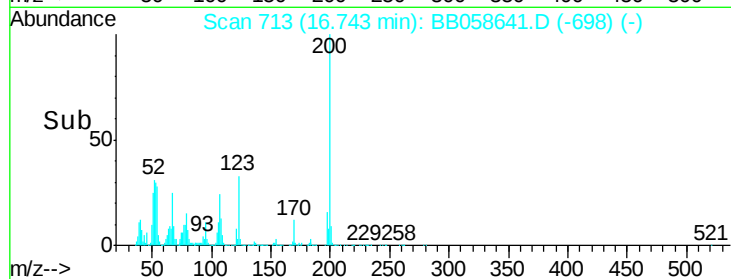
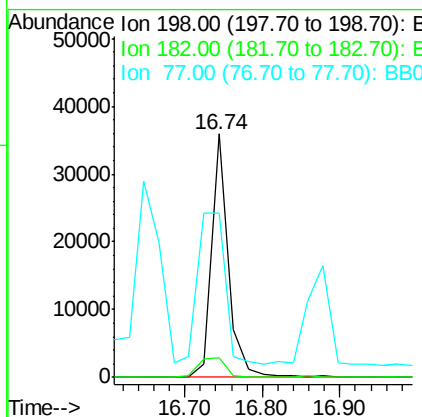
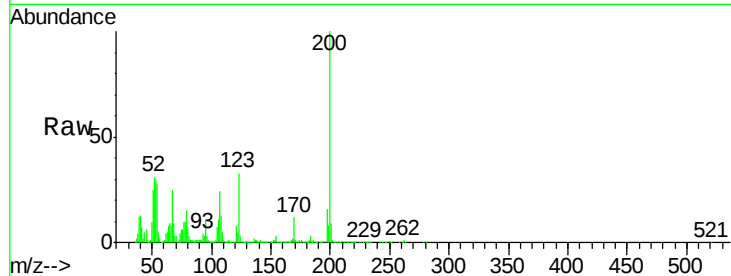
ClientSampleId :

MDL-05-S-ML

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 54766 |       |       |
| 182     | 8.0   | 3.3   | 4.9#  |       |
| 77      | 67.4  | 21.8  | 32.6# |       |

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#64

N-Nitrosodiphenylamine

Concen: 2.69 ng/ul

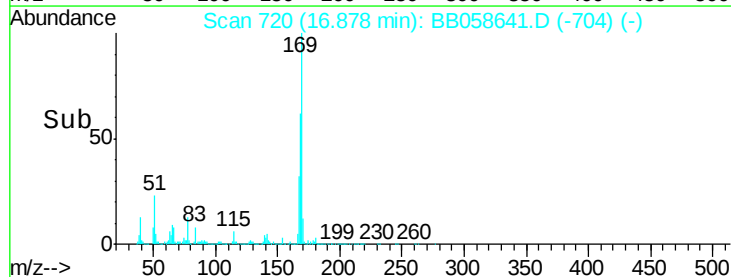
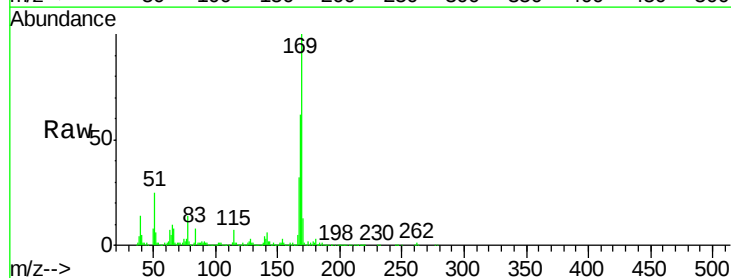
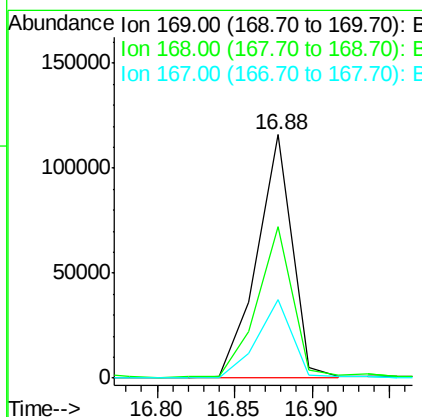
RT: 16.88 min Scan# 720

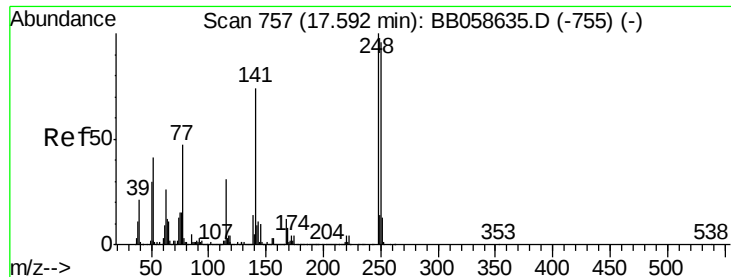
Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 181284 |       |       |
| 168     | 62.0  | 52.6   | 79.0  |       |
| 167     | 32.4  | 28.6   | 43.0  |       |





#65

4-Bromophenyl-phenylether

Concen: 2.43 ng/ul

RT: 17.59 min Scan# 757

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

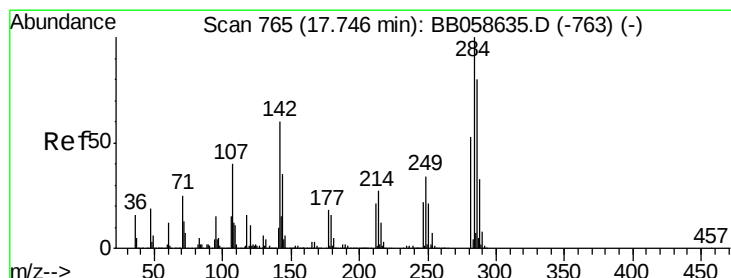
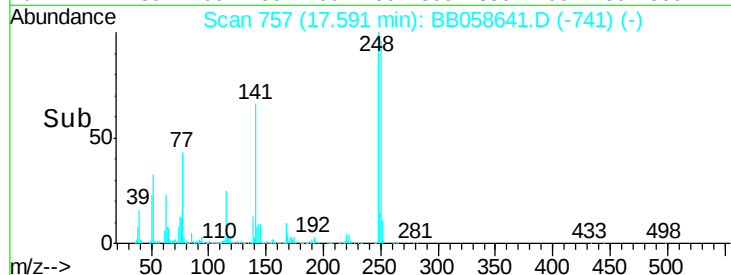
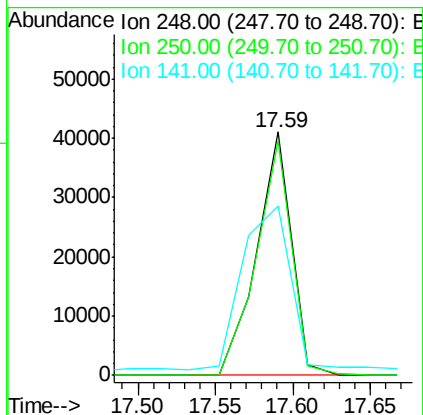
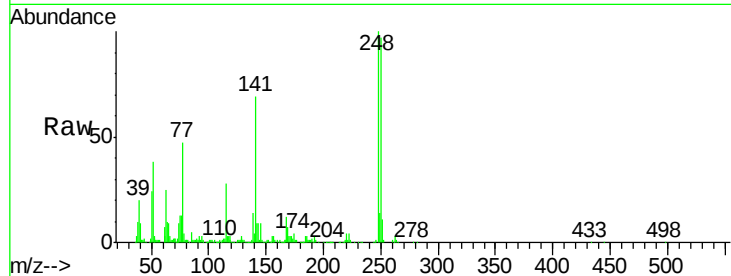
ClientSampleId :

MDL-05-S-ML

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 65126 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 96.5  | 79.7  | 119.5 |
| 141       | 69.4  | 58.3  | 87.5  |

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#66

Hexachlorobenzene

Concen: 2.31 ng/ul

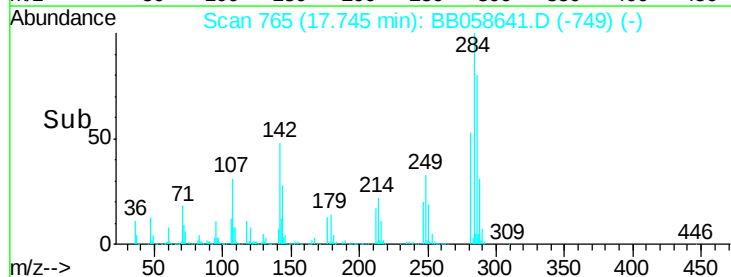
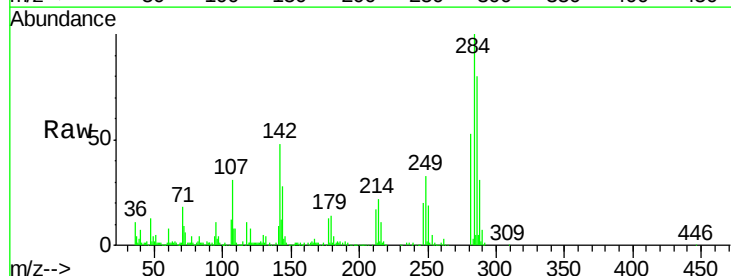
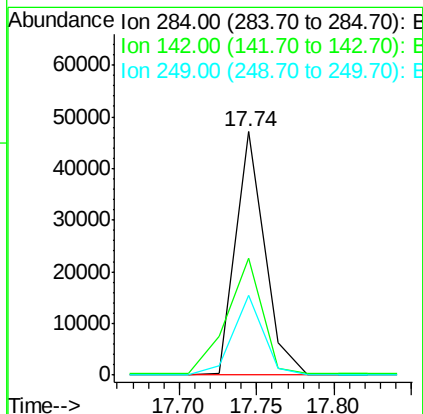
RT: 17.74 min Scan# 765

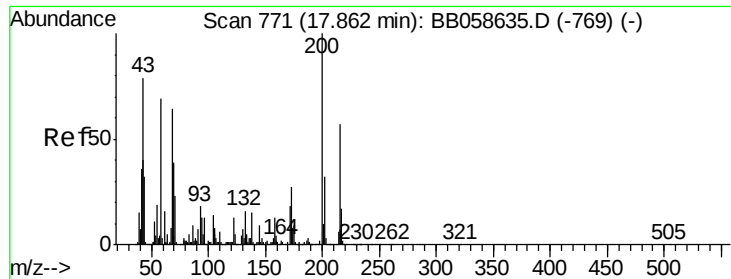
Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 61959 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 45.7  | 24.9  | 37.3# |
| 249       | 31.2  | 25.5  | 38.3  |





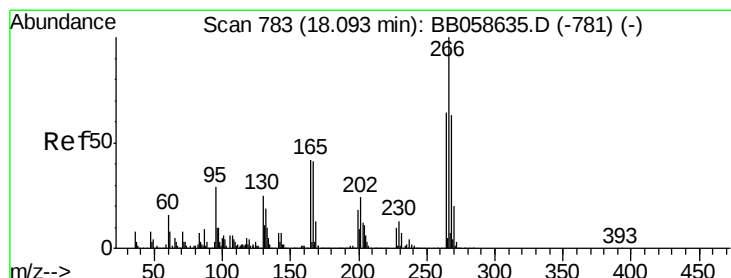
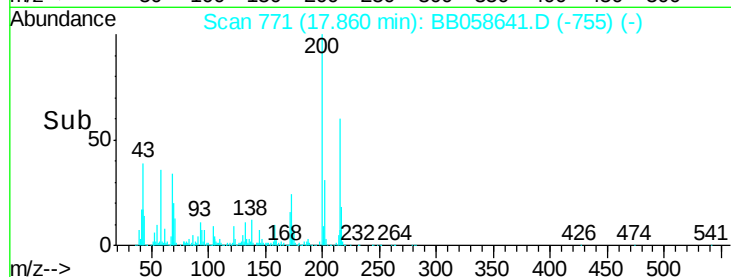
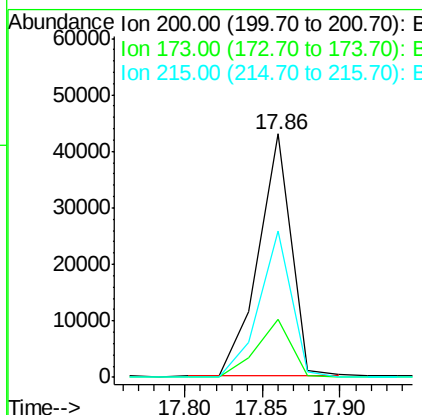
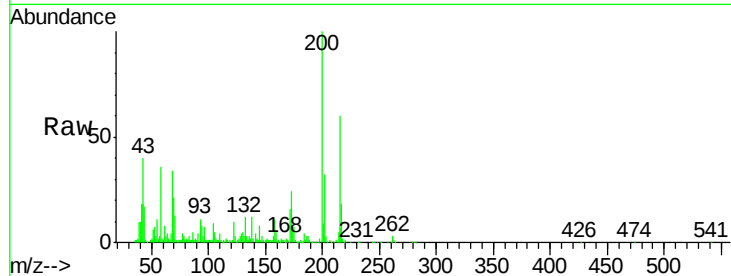
#67  
 Atrazine  
 Concen: 2.50 ng/ul  
 RT: 17.86 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BB058641.D  
 Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.8  | 18.9  | 28.3  |
| 215     | 60.1  | 39.5  | 59.3  |

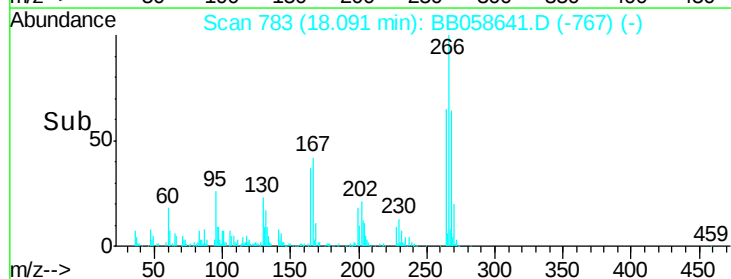
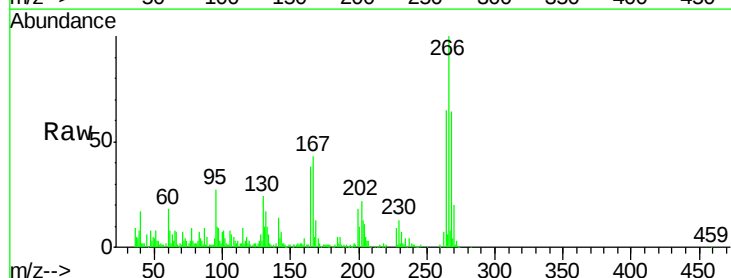
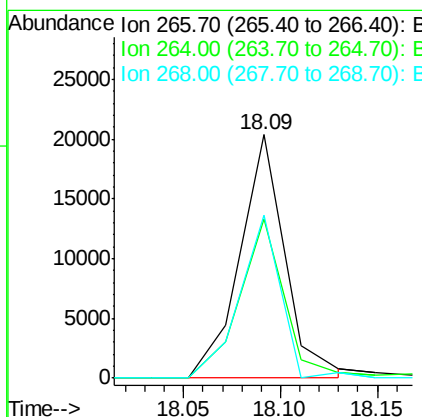
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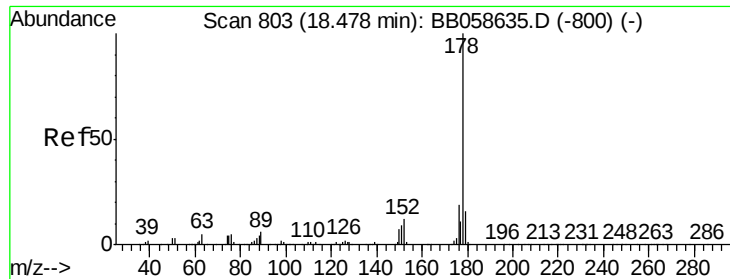
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#68  
 Pentachlorophenol  
 Concen: 1.73 ng/ul  
 RT: 18.09 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: BB058641.D  
 Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.1  | 50.6  | 75.8  |
| 268     | 67.1  | 51.0  | 76.6  |





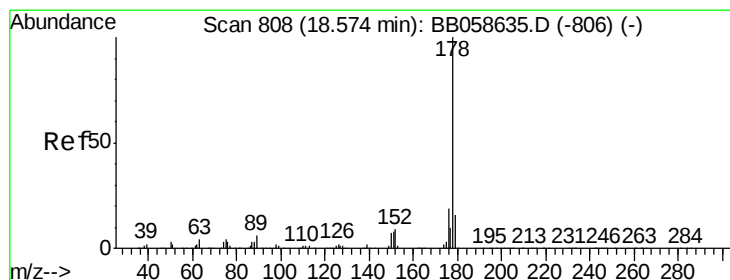
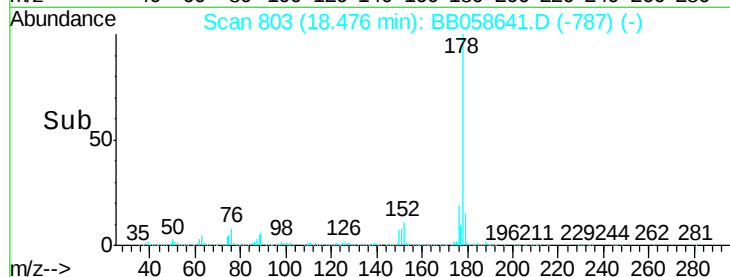
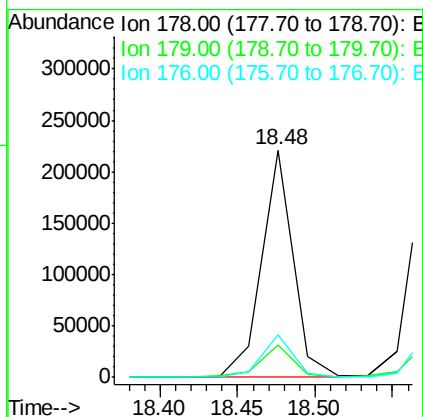
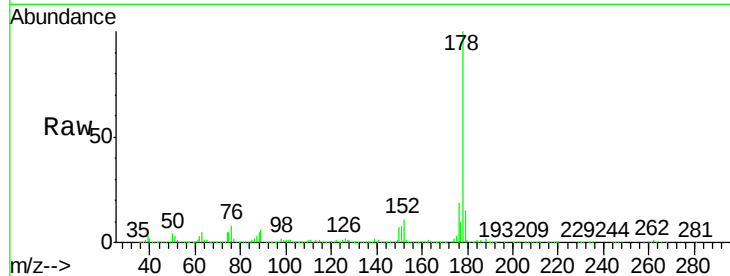
#69  
Phenanthrene  
Concen: 3.02 ng/u1  
RT: 18.48 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.5  | 12.2  | 18.2  |
| 176     | 18.8  | 15.1  | 22.7  |

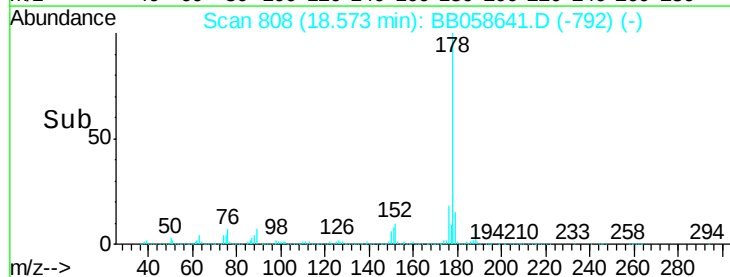
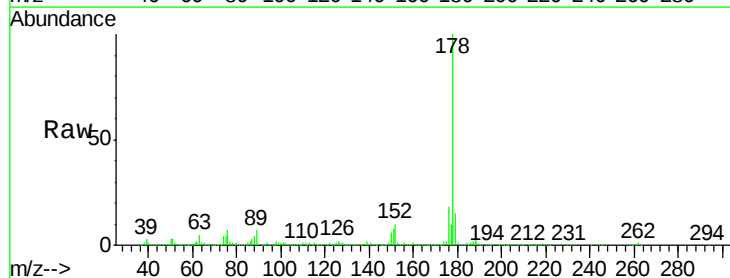
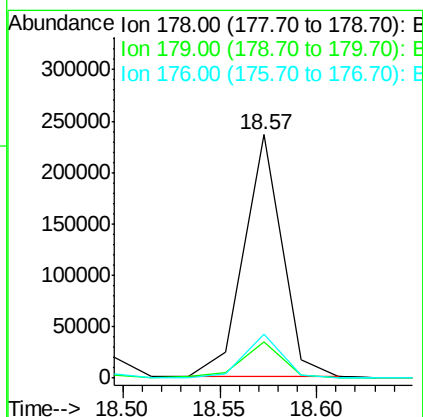
Manual Integrations  
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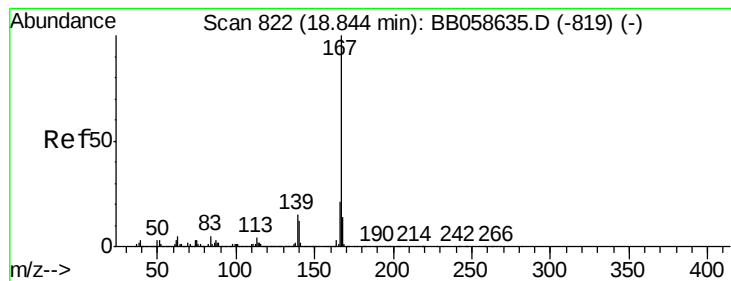
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#71  
Anthracene  
Concen: 3.01 ng/u1  
RT: 18.57 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.0  | 12.1  | 18.1  |
| 176     | 18.1  | 14.5  | 21.7  |





#72

Carbazole

Concen: 2.86 ng/ul

RT: 18.84 min Scan# 822

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

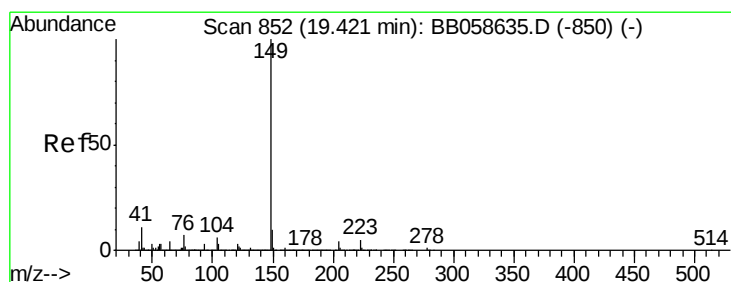
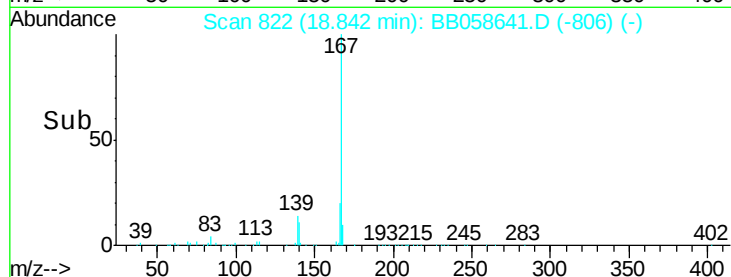
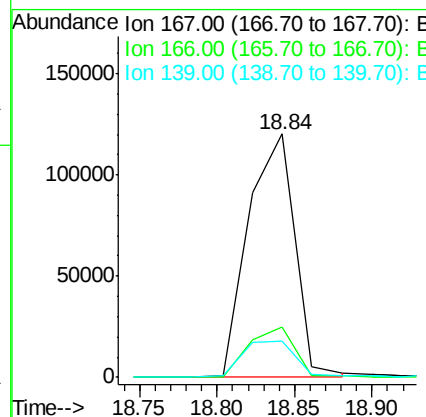
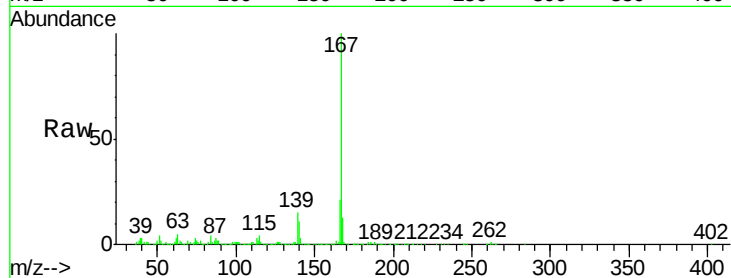
ClientSampleId :

MDL-05-S-ML

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 253404 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.7  | 16.6  | 25.0   |
| 139       | 14.7  | 10.2  | 15.4   |

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#73

Di-n-butylphthalate

Concen: 3.33 ng/ul

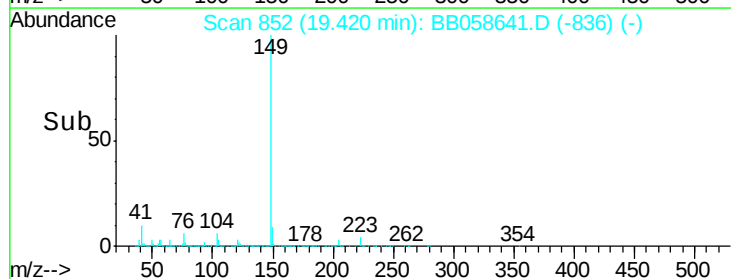
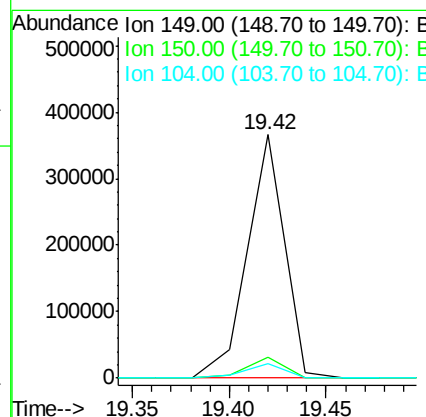
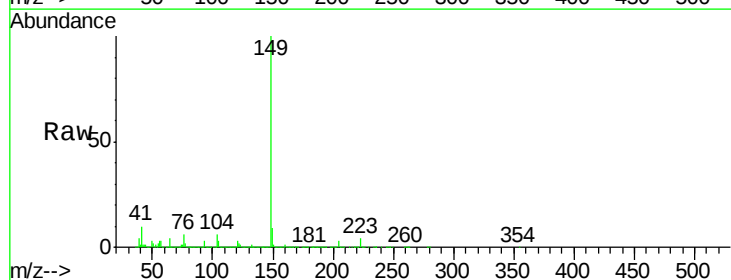
RT: 19.42 min Scan# 852

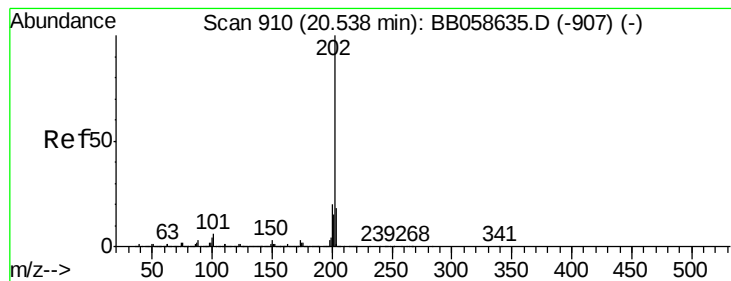
Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 483272 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.6   | 7.6   | 11.4   |
| 104       | 5.9   | 4.6   | 7.0    |





#74

Fluoranthene

Concen: 2.87 ng/ul

RT: 20.54 min Scan# 910

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

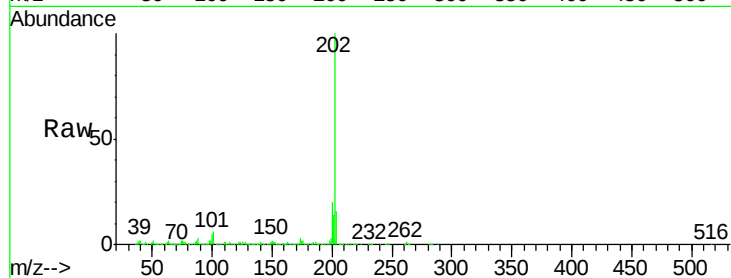
ClientSampleId :

MDL-05-S-ML

| Tgt | Ion | Ratio | Resp   | Lower | Upper |
|-----|-----|-------|--------|-------|-------|
| 202 | 100 |       | 304419 |       |       |
| 101 | 6.0 | 6.9   | 10.3#  |       |       |
| 100 | 4.8 | 5.4   | 8.0#   |       |       |

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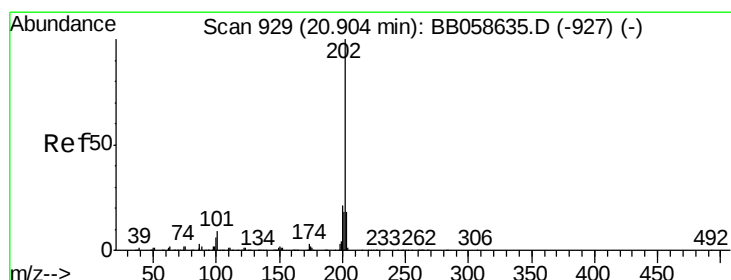
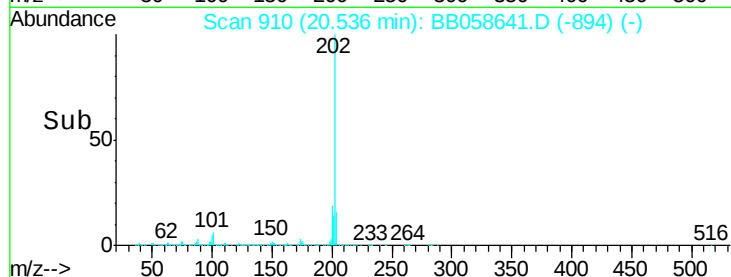
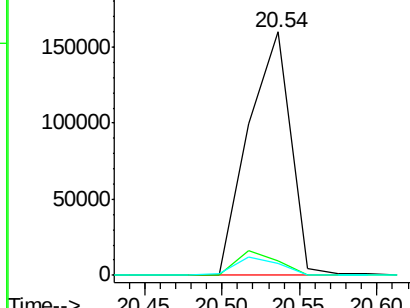
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#77

Pyrene

Concen: 3.38 ng/ul

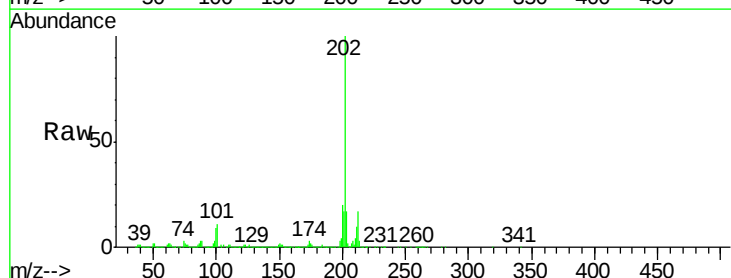
RT: 20.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

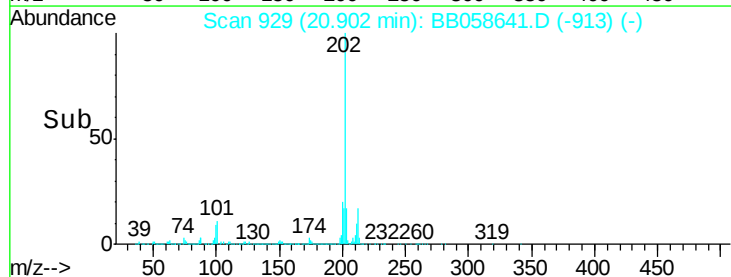
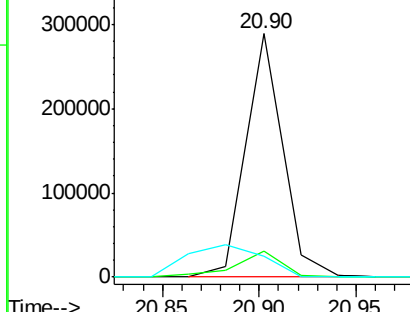
| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 202 | 100  |       | 374948 |       |       |
| 101 | 10.8 | 8.4   | 12.6   |       |       |
| 100 | 8.6  | 6.9   | 10.3   |       |       |

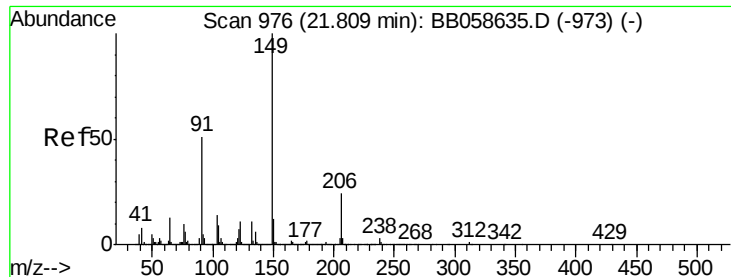


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#78

Butylbenzylphthalate

Concen: 2.61 ng/ul

RT: 21.81 min Scan# 976

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

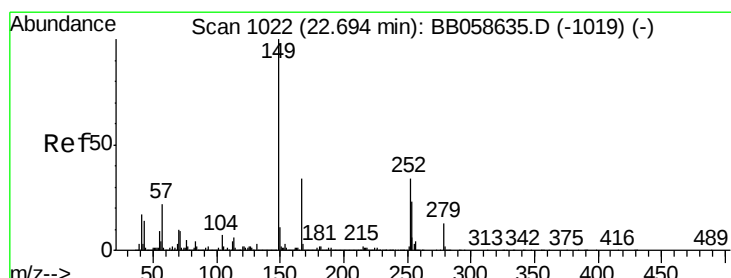
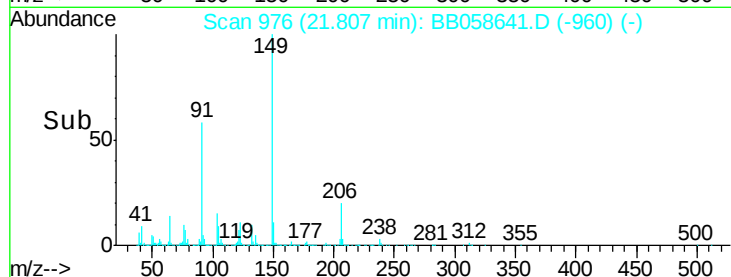
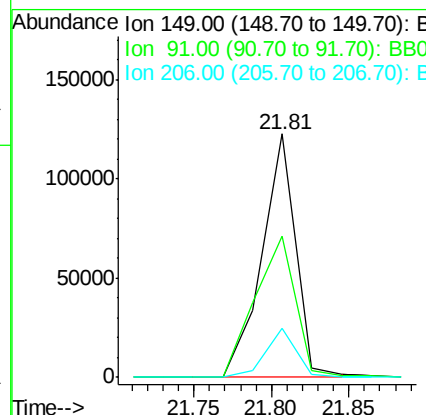
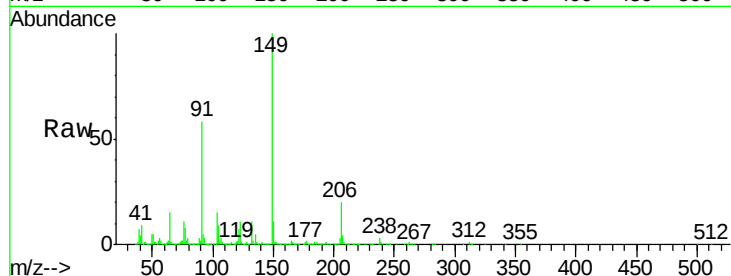
ClientSampleId :

MDL-05-S-ML

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 187474 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 58.2  | 57.3  | 85.9   |
| 206       | 20.3  | 18.6  | 27.8   |

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#79

3,3'-Dichlorobenzidine

Concen: 1.45 ng/ul

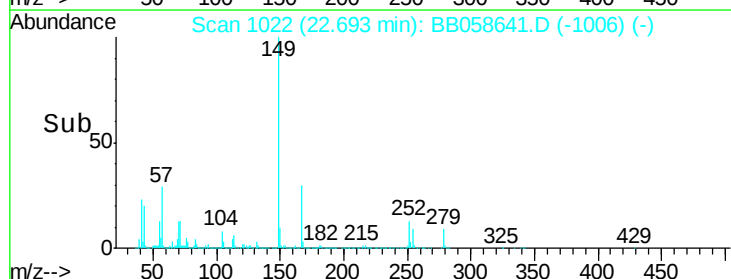
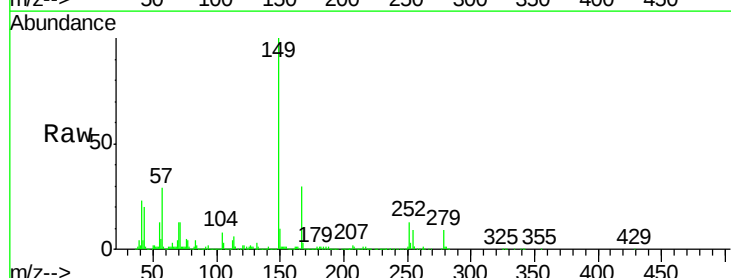
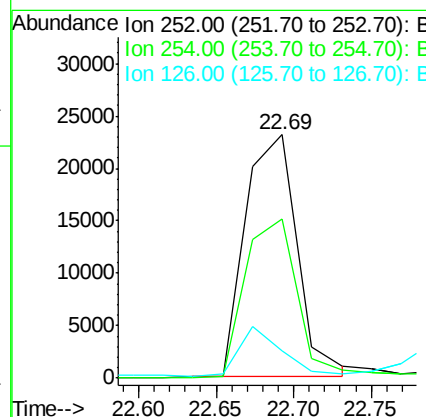
RT: 22.69 min Scan# 1022

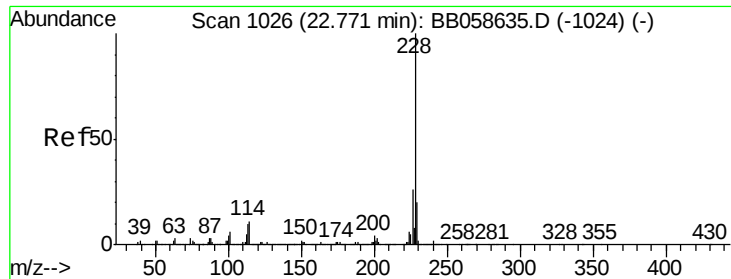
Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 54305 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 65.5  | 51.0  | 76.4  |
| 126       | 11.1  | 7.1   | 10.7# |





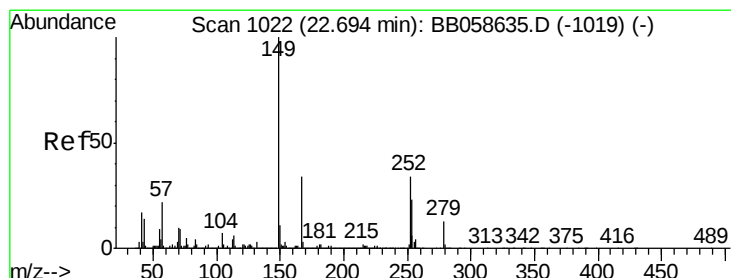
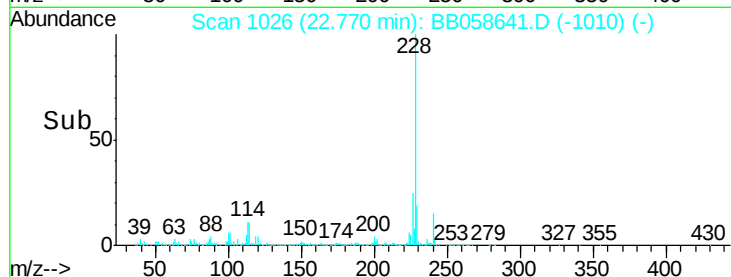
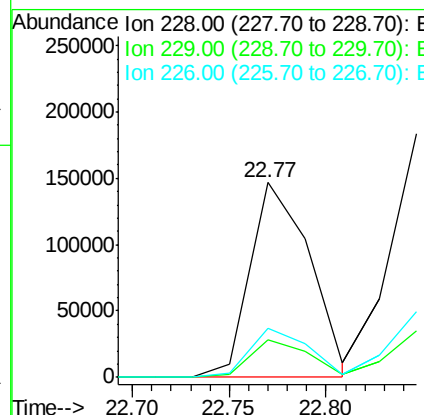
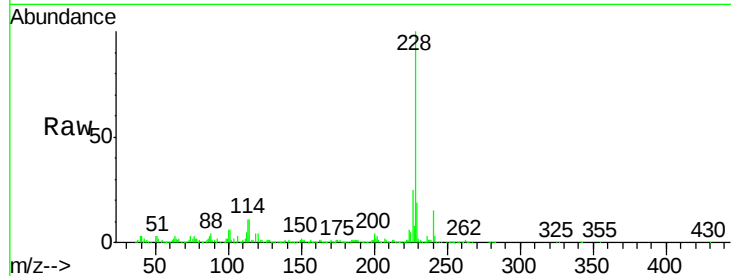
#80  
Benzo(a)anthracene  
Concen: 2.91 ng/ul  
RT: 22.77 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.1  | 15.6  | 23.4  |
| 226     | 24.9  | 21.8  | 32.8  |

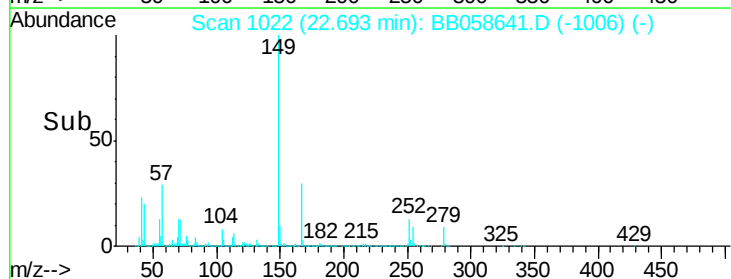
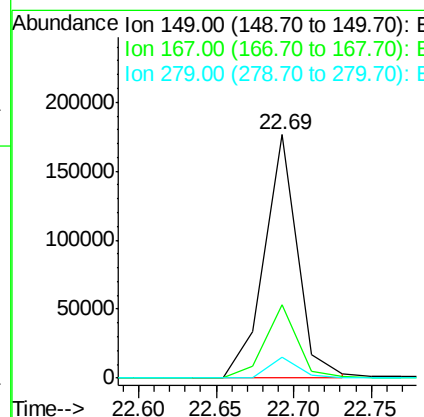
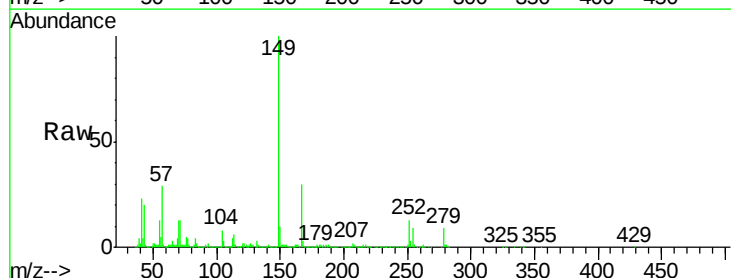
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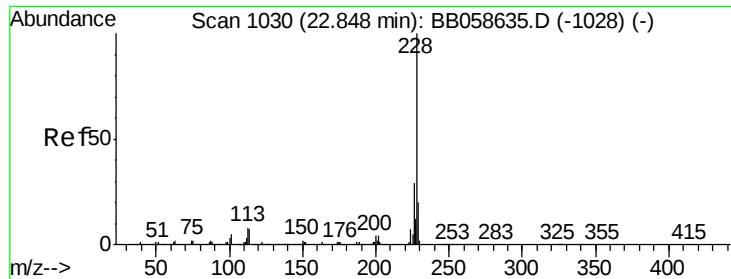
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#81  
Bis(2-ethylhexyl)phthalate  
Concen: 2.77 ng/ul  
RT: 22.69 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.0  | 23.2  | 34.8  |
| 279     | 8.7   | 4.1   | 6.1#  |





#82

Chrysene

Concen: 2.87 ng/ul

RT: 22.85 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

Instrument :

BNA\_B

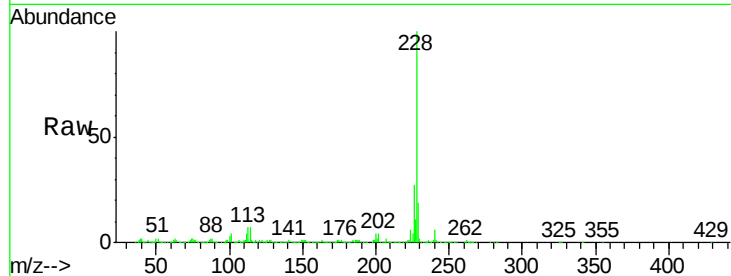
ClientSampleId :

MDL-05-S-ML

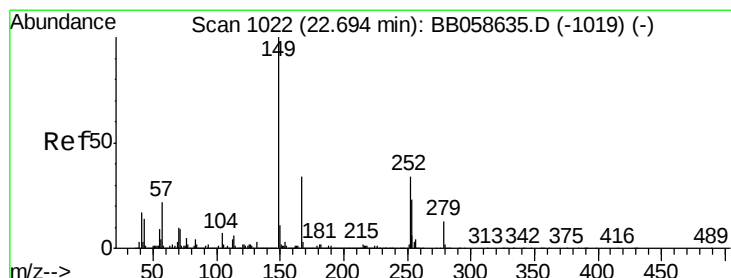
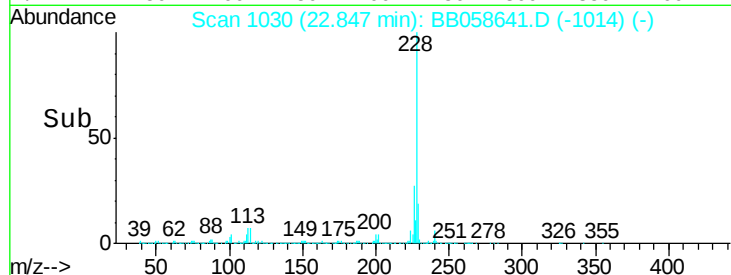
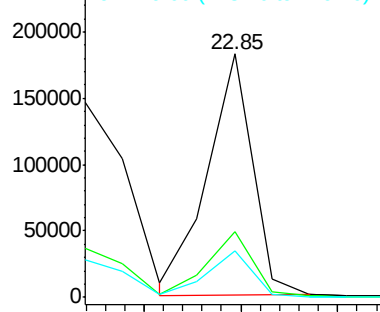
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 290580 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.1  | 23.4  | 35.2   |
| 229       | 19.0  | 15.5  | 23.3   |

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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



#84

Di-n-octyl phthalate

Concen: 3.37 ng/ul

RT: 22.69 min Scan# 1022

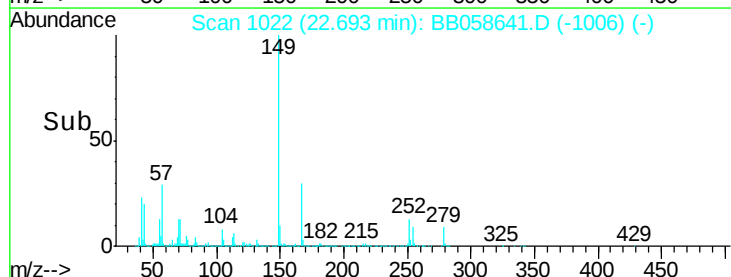
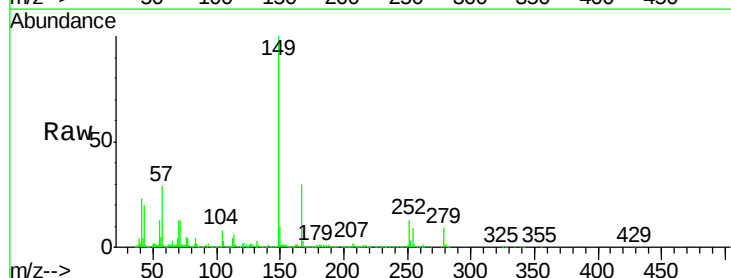
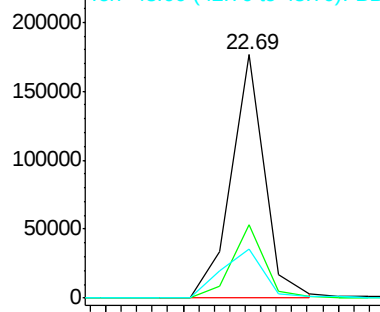
Delta R.T. -0.00 min

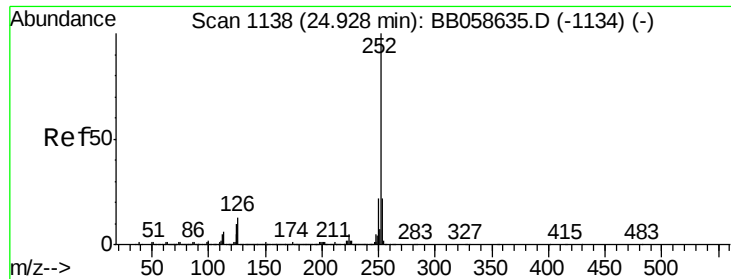
Lab File: BB058641.D

Acq: 18 Oct 2016 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 265191 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.0  | 1.3   | 1.9#   |
| 43        | 20.3  | 6.6   | 10.0#  |

Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BB0





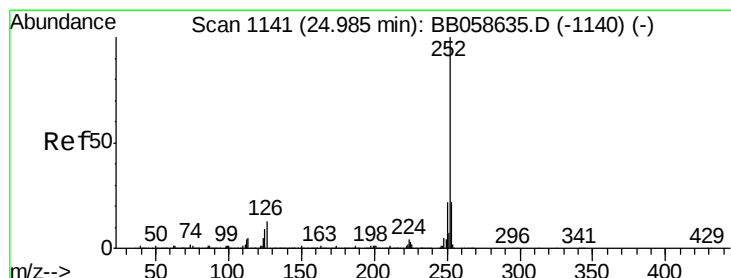
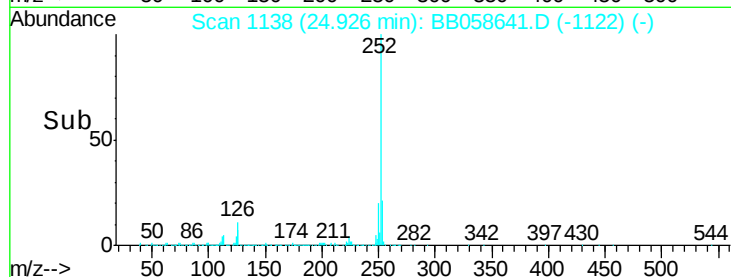
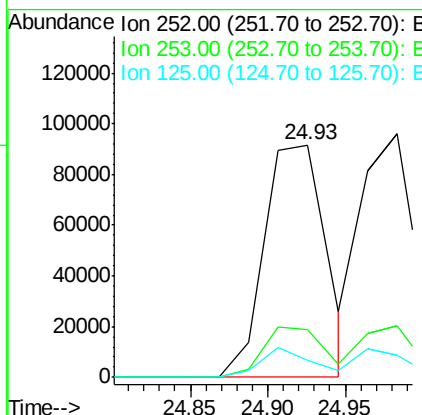
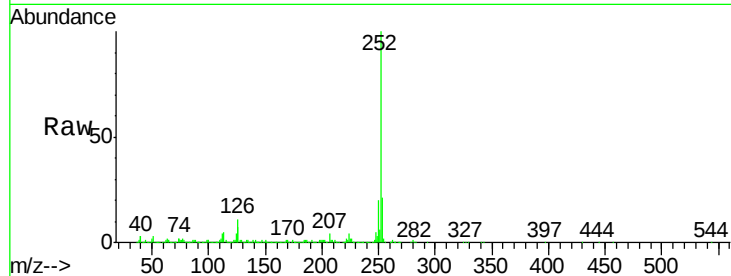
#85  
Benzo(b)fluoranthene  
Concen: 2.56 ng/ul  
RT: 24.93 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.8  | 17.1  | 25.7  |
| 125     | 7.2   | 5.8   | 8.8   |

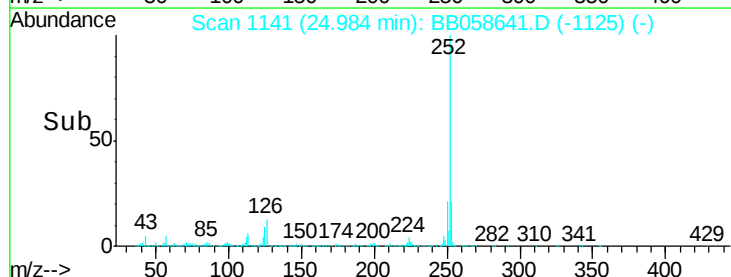
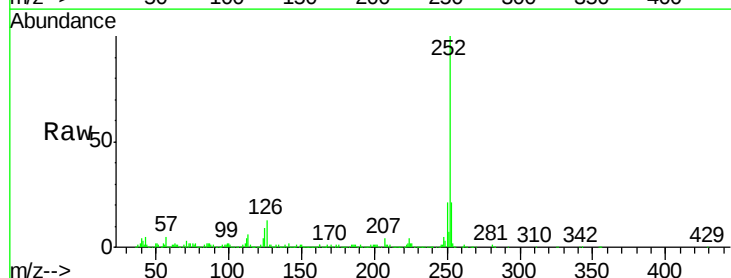
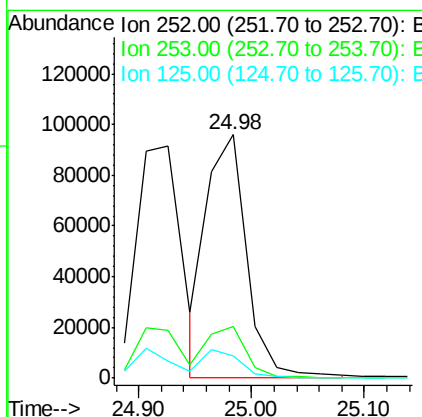
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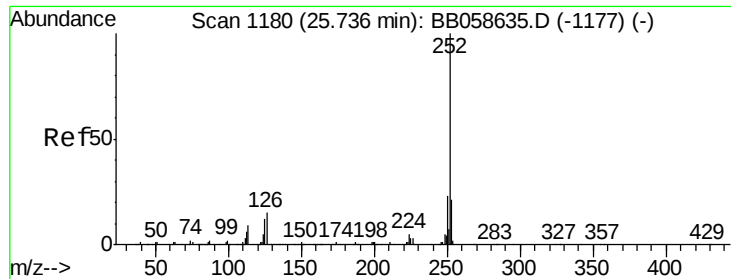
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#86  
Benzo(k)fluoranthene  
Concen: 3.09 ng/ul m  
RT: 24.98 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.6  | 26.4  |
| 125     | 9.2   | 5.7   | 8.5#  |





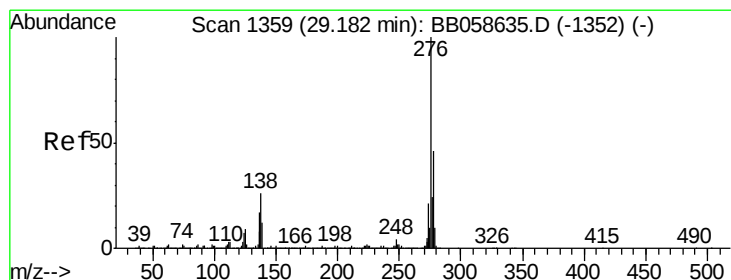
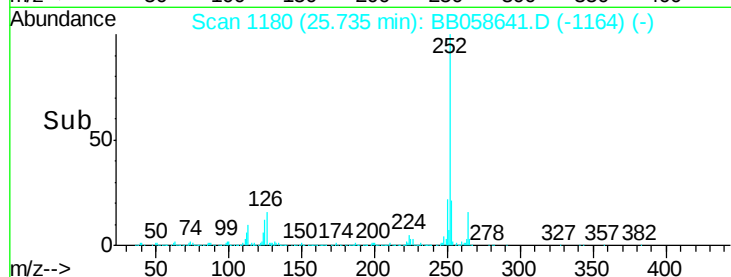
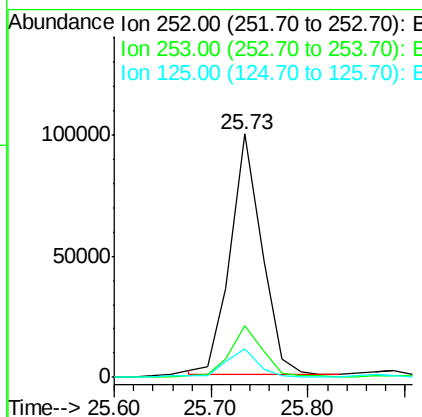
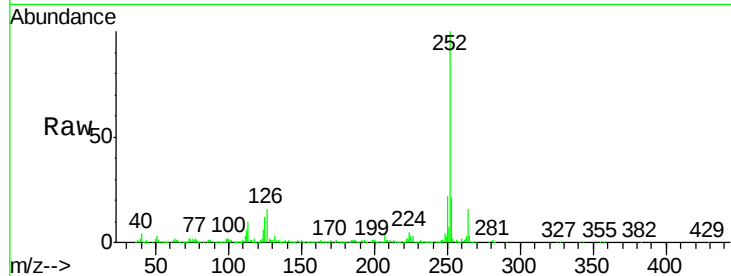
#88  
Benzo(a)pyrene  
Concen: 2.66 ng/ul  
RT: 25.73 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.7  | 26.5  |
| 125     | 11.9  | 6.6   | 9.8#  |

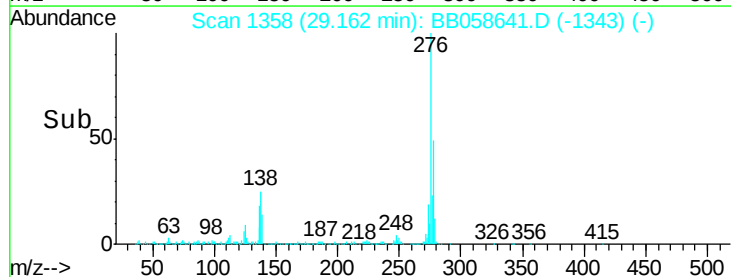
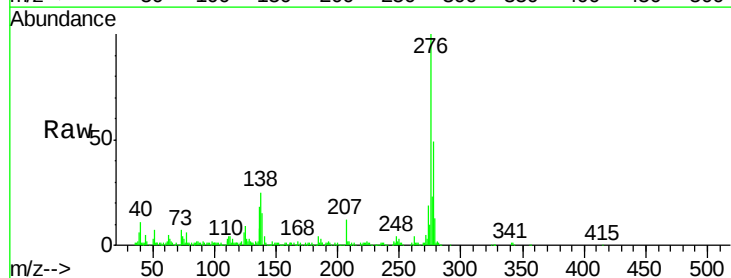
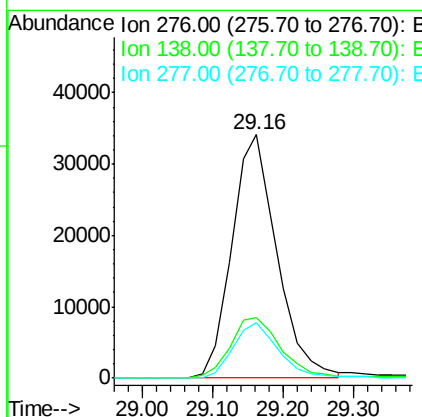
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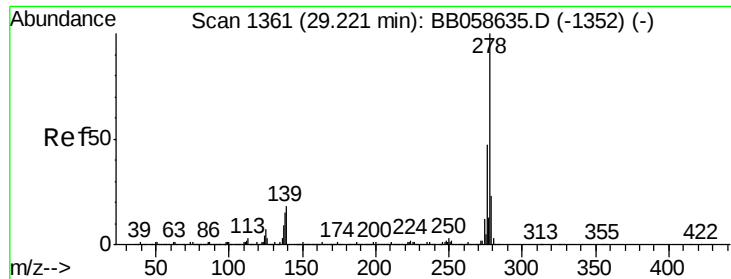
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#89  
Indeno(1,2,3-cd)pyrene  
Concen: 2.07 ng/ul  
RT: 29.16 min Scan# 1358  
Delta R.T. -0.02 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.0  | 13.9  | 20.9# |
| 277     | 22.8  | 20.1  | 30.1  |





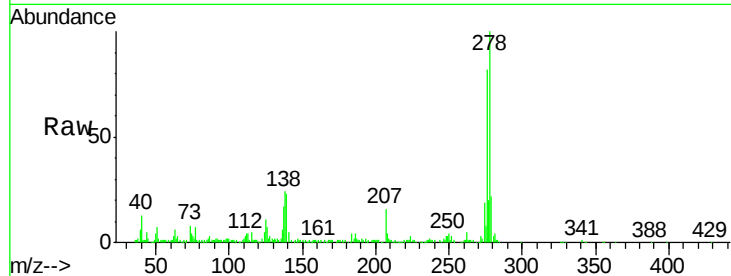
#90  
Dibenzo(a,h)anthracene  
Concen: 1.99 ng/ul  
RT: 29.18 min Scan# 1359  
Delta R.T. -0.04 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

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

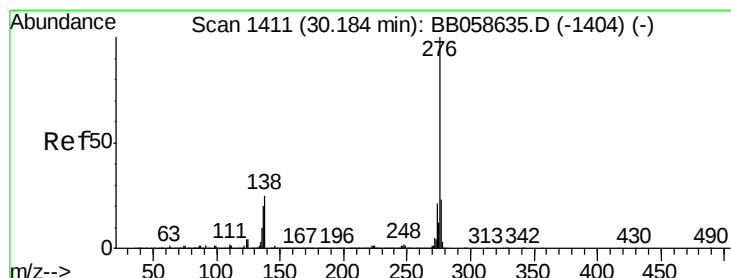
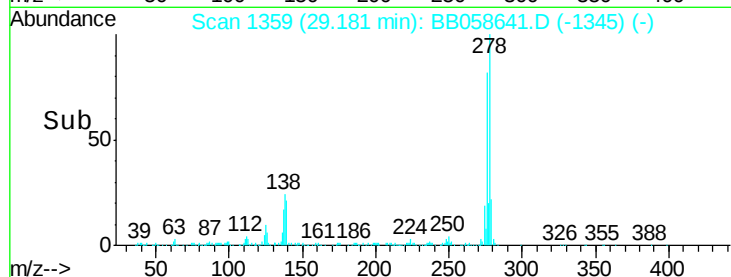
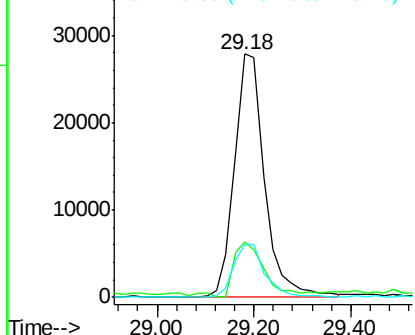
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.8  | 9.5   | 14.3# |
| 279     | 21.9  | 19.1  | 28.7  |

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umangi  
10/19/2016 1:46:49 PM

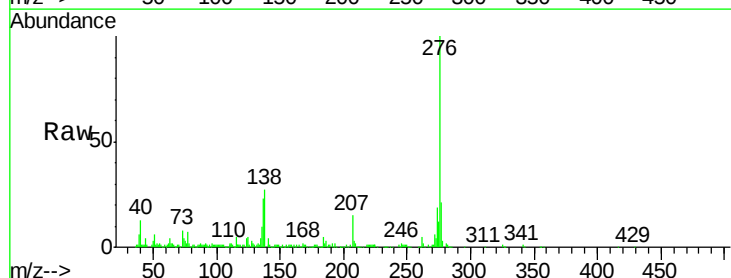


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#91  
Benzo(g,h,i)perylene  
Concen: 2.19 ng/ul  
RT: 30.14 min Scan# 1409  
Delta R.T. -0.04 min  
Lab File: BB058641.D  
Acq: 18 Oct 2016 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.3  | 13.5  | 20.3# |
| 277     | 21.3  | 19.3  | 28.9  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

