

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070215\  
 Data File : BF080325.D  
 Acq On : 3 Jul 2015 5:38  
 Operator : TP/IZ  
 Sample : IDOC-01-S-UM  
 Misc : IDOC-SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

Manual Integrations  
 APPROVED

apatel  
 7/6/2015 3:40:54 PM

Quant Time: Jul 03 07:22:33 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 03 07:20:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.24  | 152  | 32711    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.53  | 136  | 129173   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.30 | 164  | 60196    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.80 | 188  | 126988   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.67 | 240  | 142735   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 16.47 | 264  | 130057   | 20.00 | ng    | -0.08    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.85  | 112 | 254273 | 134.61 | ng | 0.00  |
| 7) Phenol-d6             | 6.85  | 99  | 329465 | 129.93 | ng | 0.01  |
| 23) Nitrobenzene-d5      | 7.80  | 82  | 195988 | 83.54  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.09 | 330 | 89805  | 156.68 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.61  | 172 | 420116 | 100.45 | ng | 0.00  |
| 78) Terphenyl-d14        | 13.45 | 244 | 504830 | 82.85  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.06 | 88  | 29341  | 129.44 | ng | # 100  |
| 3) Pyridine                    | 3.90 | 79  | 77809  | 33.28  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.80 | 42  | 40644  | 39.03  | ng | 95     |
| 6) Aniline                     | 6.90 | 93  | 100079 | 29.51  | ng | # 91   |
| 8) 2-Chlorophenol              | 7.02 | 128 | 92801  | 44.72  | ng | 95     |
| 9) Benzaldehyde                | 6.78 | 77  | 42894  | 30.95  | ng | 95     |
| 10) Phenol                     | 6.86 | 94  | 108600 | 38.72  | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.96 | 93  | 77061  | 36.32  | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.18 | 146 | 101942 | 40.25  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.26 | 146 | 95602m | 37.91  | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.41 | 146 | 96766  | 38.62  | ng | 96     |
| 15) Benzyl Alcohol             | 7.37 | 79  | 76439  | 39.16  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.50 | 45  | 129968 | 39.93  | ng | 100    |
| 17) 2-Methylphenol             | 7.48 | 107 | 65948  | 36.76  | ng | # 93   |
| 18) Hexachloroethane           | 7.77 | 117 | 31227  | 39.66  | ng | # 68   |
| 19) n-Nitroso-di-n-propylamine | 7.64 | 70  | 59878  | 35.52  | ng | # 88   |
| 20) 3+4-Methylphenols          | 7.63 | 107 | 96270  | 40.40  | ng | 93     |
| 22) Acetophenone               | 7.64 | 105 | 130447 | 43.22  | ng | # 92   |
| 24) Nitrobenzene               | 7.81 | 77  | 88846  | 36.52  | ng | 93     |
| 25) Isophorone                 | 8.05 | 82  | 171769 | 37.67  | ng | 96     |
| 26) 2-Nitrophenol              | 8.14 | 139 | 38887  | 36.61  | ng | # 75   |
| 27) 2,4-Dimethylphenol         | 8.17 | 122 | 79539  | 40.79  | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 8.26 | 93  | 111055 | 40.58  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.38 | 162 | 71494  | 39.69  | ng | 88     |
| 30) 1,2,4-Trichlorobenzene     | 8.48 | 180 | 77049  | 36.67  | ng | # 94   |
| 31) Naphthalene                | 8.56 | 128 | 258069 | 39.22  | ng | 99     |
| 32) Benzoic acid               | 8.22 | 122 | 27808  | 62.31  | ng | 93     |
| 33) 4-Chloroaniline            | 8.59 | 127 | 73359m | 26.28  | ng |        |
| 34) Hexachlorobutadiene        | 8.67 | 225 | 47453  | 35.85  | ng | 99     |
| 35) Caprolactam                | 8.93 | 113 | 21474  | 39.29  | ng | # 72   |
| 36) 4-Chloro-3-methylphenol    | 9.06 | 107 | 73104  | 37.49  | ng | 89     |
| 37) 2-Methylnaphthalene        | 9.24 | 142 | 169827 | 37.69  | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.41 | 216 | 80196  | 40.03  | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 9.40 | 237 | 63450  | 80.38  | ng | 95     |

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 Sample : IDOC-01-S-UM  
 Misc : IDOC-SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

Manual Integrations  
 APPROVED

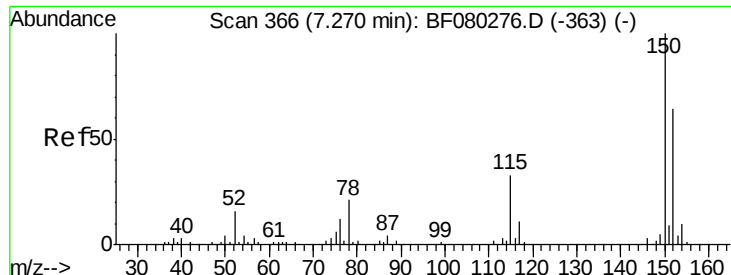
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 7/6/2015 3:40:54 PM

Quant Time: Jul 03 07:22:33 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 03 07:20:41 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.53  | 196  | 48811    | 38.49 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.56  | 196  | 60299    | 44.14 | ng #  | 93       |
| 45) 1,1'-Biphenyl              | 9.71  | 154  | 228656   | 44.67 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.74  | 162  | 159177   | 40.17 | ng #  | 91       |
| 47) 2-Nitroaniline             | 9.82  | 65   | 52061    | 45.68 | ng #  | 81       |
| 48) Acenaphthylene             | 10.16 | 152  | 266405   | 38.72 | ng    | 98       |
| 49) Dimethylphthalate          | 10.00 | 163  | 198633   | 43.20 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.06 | 165  | 43942    | 46.74 | ng #  | 71       |
| 51) Acenaphthene               | 10.34 | 154  | 173762   | 43.86 | ng    | 84       |
| 52) 3-Nitroaniline             | 10.24 | 138  | 35943    | 33.33 | ng    | 90       |
| 53) 2,4-Dinitrophenol          | 10.34 | 184  | 36268    | 88.90 | ng #  | 43       |
| 54) Dibenzofuran               | 10.51 | 168  | 235502   | 42.12 | ng    | 90       |
| 55) 4-Nitrophenol              | 10.38 | 139  | 76618    | 96.13 | ng #  | 72       |
| 56) 2,4-Dinitrotoluene         | 10.48 | 165  | 51869    | 42.55 | ng #  | 64       |
| 57) Fluorene                   | 10.85 | 166  | 205736   | 44.36 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.62 | 232  | 47709    | 44.81 | ng    | 97       |
| 59) Diethylphthalate           | 10.70 | 149  | 201792   | 46.17 | ng #  | 94       |
| 60) 4-Chlorophenyl-phenylether | 10.84 | 204  | 89428    | 42.64 | ng #  | 78       |
| 61) 4-Nitroaniline             | 10.85 | 138  | 43000    | 39.24 | ng    | 77       |
| 62) Azobenzene                 | 10.99 | 77   | 179153   | 39.85 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.89 | 198  | 26386    | 48.53 | ng #  | 47       |
| 65) n-Nitrosodiphenylamine     | 10.94 | 169  | 159992   | 38.34 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.33 | 248  | 59616    | 43.44 | ng #  | 92       |
| 67) Hexachlorobenzene          | 11.41 | 284  | 62250    | 42.32 | ng #  | 94       |
| 68) Atrazine                   | 11.47 | 200  | 55603    | 44.08 | ng    | 97       |
| 69) Pentachlorophenol          | 11.60 | 266  | 64822    | 81.11 | ng    | 98       |
| 70) Phenanthrene               | 11.82 | 178  | 327227   | 43.01 | ng    | 99       |
| 71) Anthracene                 | 11.87 | 178  | 300225   | 41.13 | ng    | 99       |
| 72) Carbazole                  | 12.02 | 167  | 269116   | 39.42 | ng #  | 97       |
| 73) Di-n-butylphthalate        | 12.35 | 149  | 323163   | 44.12 | ng    | 99       |
| 74) Fluoranthene               | 13.06 | 202  | 323103   | 41.10 | ng    | 96       |
| 76) Benzidine                  | 13.17 | 184  | 149648   | 35.80 | ng    | 99       |
| 77) Pyrene                     | 13.30 | 202  | 346636   | 37.94 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.97 | 149  | 135652   | 38.72 | ng    | 94       |
| 80) Benzo(a)anthracene         | 14.66 | 228  | 339849   | 39.40 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.60 | 252  | 83722    | 29.73 | ng    | 98       |
| 82) Chrysene                   | 14.71 | 228  | 312972   | 39.36 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.64 | 149  | 193864   | 39.31 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 15.41 | 149  | 307208   | 36.98 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.24 | 276  | 360674   | 40.34 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.95 | 252  | 340633   | 41.47 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.99 | 252  | 306201   | 39.58 | ng    | 100      |
| 89) Benzo(a)pyrene             | 16.40 | 252  | 316341   | 42.25 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 18.26 | 278  | 304119   | 43.30 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 18.77 | 276  | 305700   | 41.71 | ng    | 97       |

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

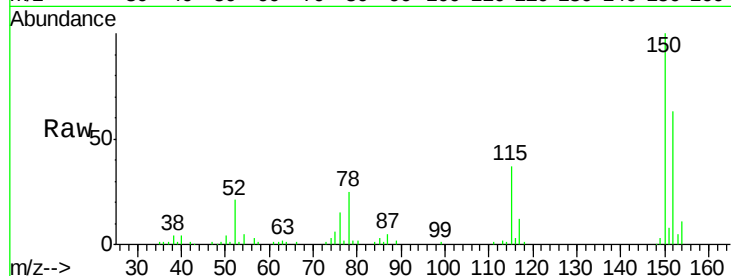




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

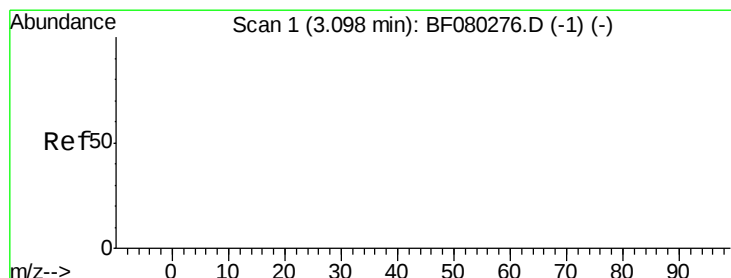
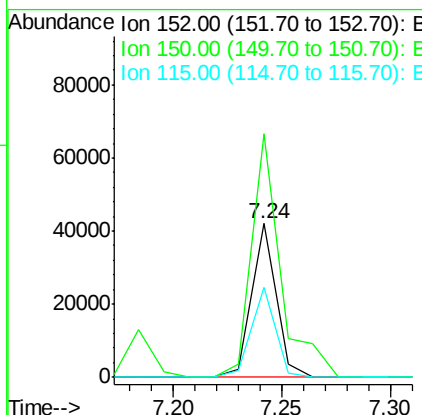
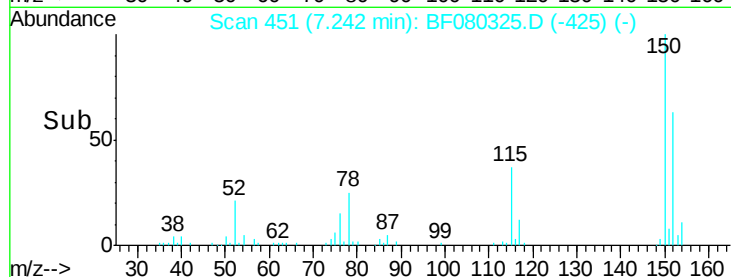
Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.4 | 124.7 | 187.1 |
| 115     | 58.5  | 41.0  | 61.6  |

Manual Integrations  
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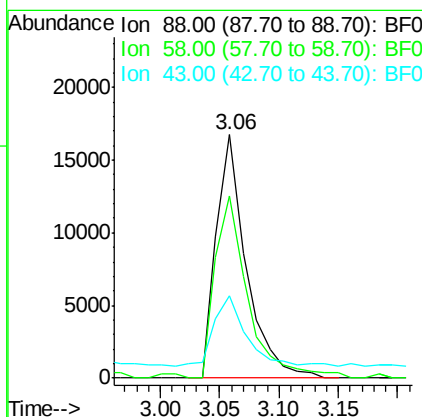
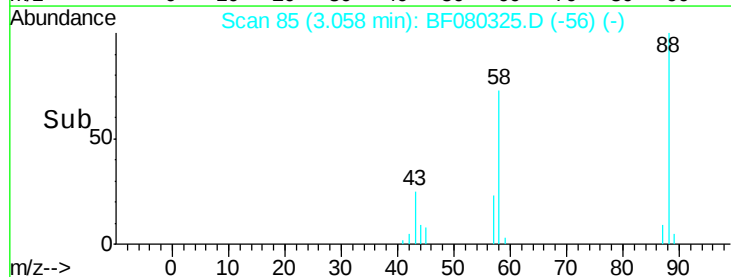
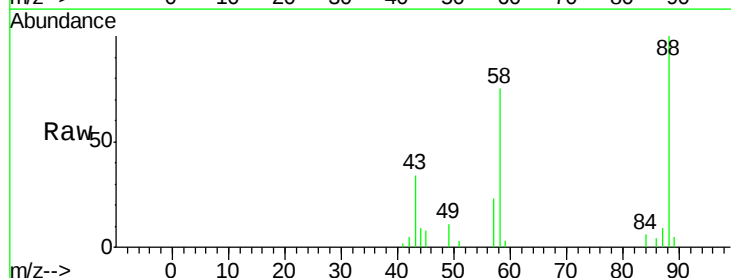
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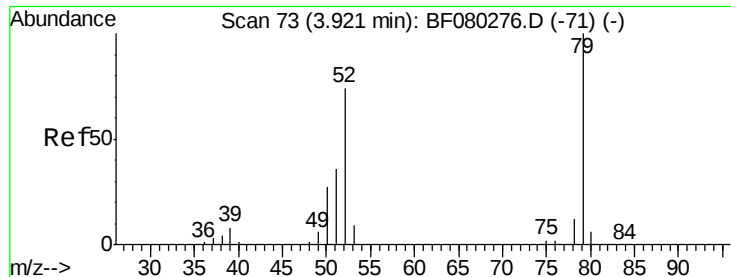


#2

1,4-Dioxane  
Concen: 129.44 ng  
RT: 3.06 min Scan# 85  
Delta R.T. 0.03 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.9  | 0.0   | 0.0#  |
| 43      | 30.5  | 0.0   | 0.0#  |





#3

Pyridine

Concen: 33.28 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

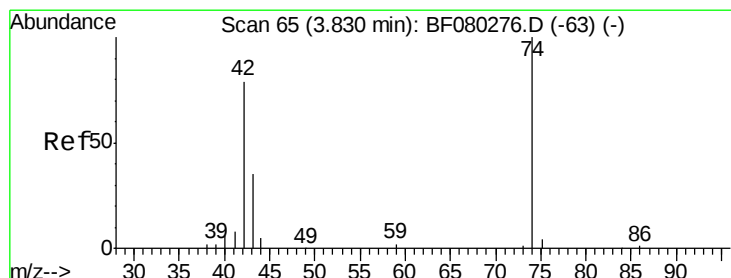
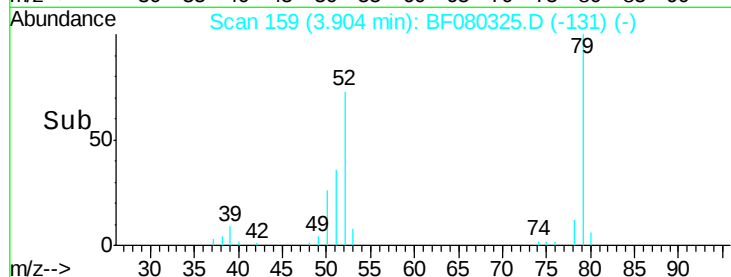
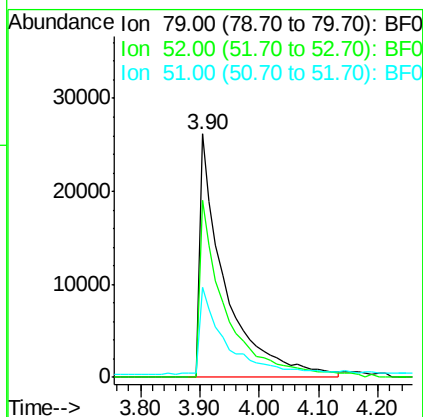
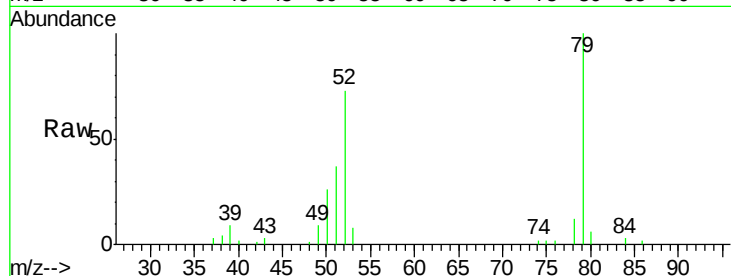
ClientSampleId :

IDOC-01-S-UM

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 77809 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 72.7  | 59.3  | 88.9  |
| 51       | 37.2  | 29.0  | 43.6  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 39.03 ng

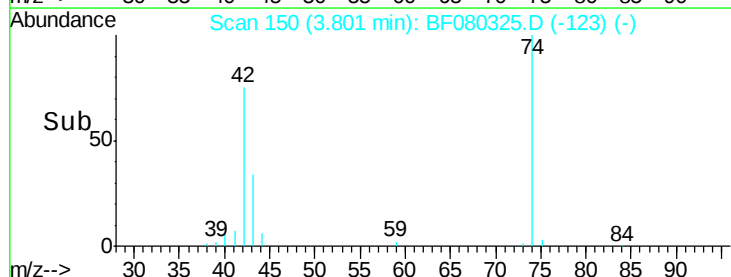
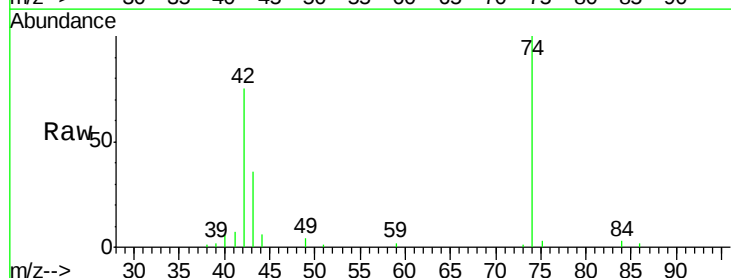
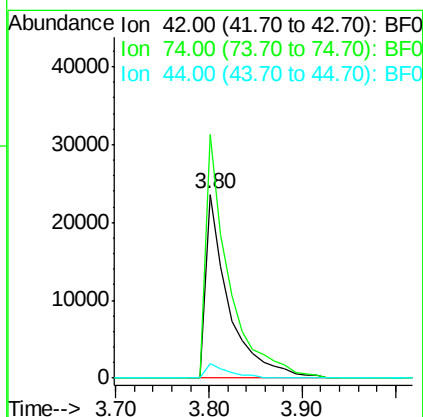
RT: 3.80 min Scan# 150

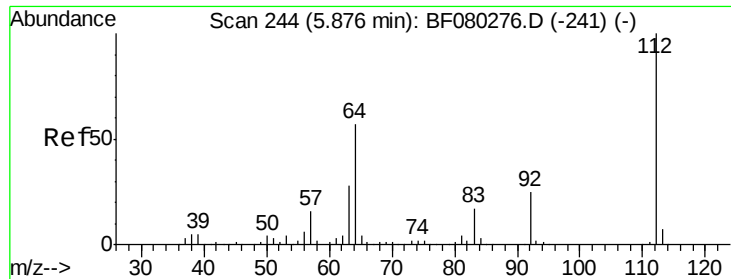
Delta R.T. 0.01 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 40644 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 132.5 | 101.4 | 152.2 |
| 44       | 7.6   | 6.3   | 9.5   |





#5

2-Fluorophenol

Concen: 134.61 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080325.D

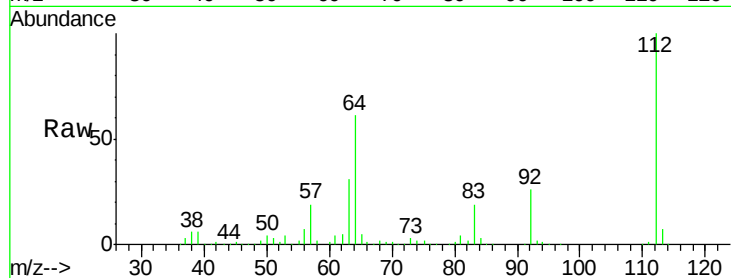
Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

ClientSampleId :

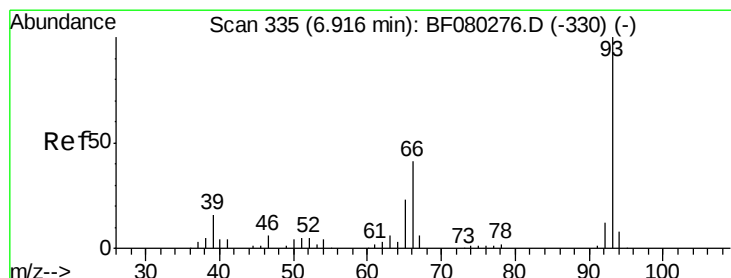
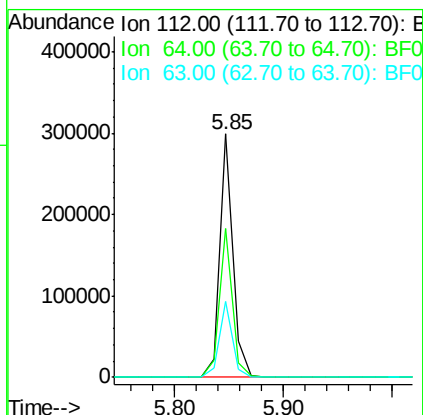
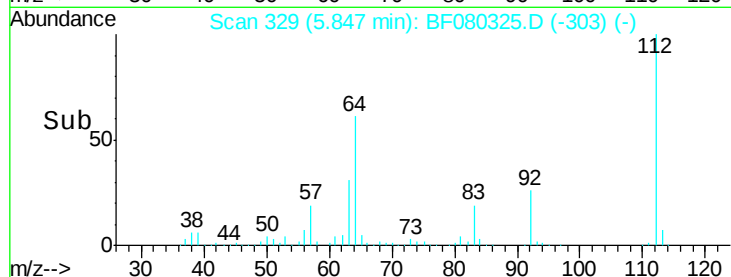
IDOC-01-S-UM



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 254273 |       |       |
| 64      | 61.2  | 45.5   | 68.3  |       |
| 63      | 31.4  | 22.4   | 33.6  |       |

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#6

Aniline

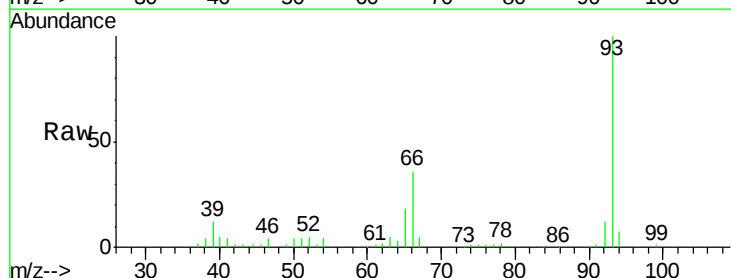
Concen: 29.51 ng

RT: 6.90 min Scan# 421

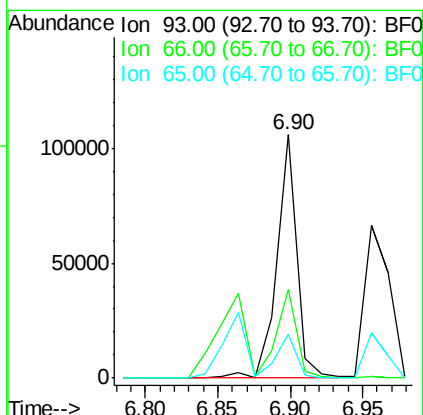
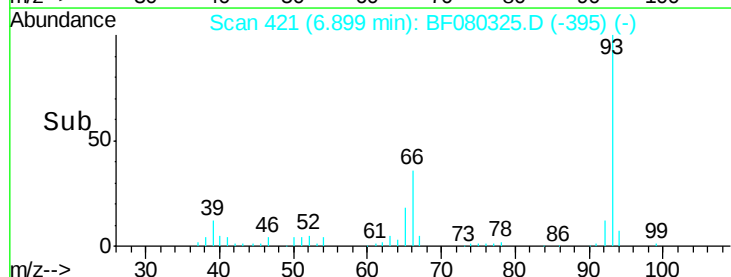
Delta R.T. -0.00 min

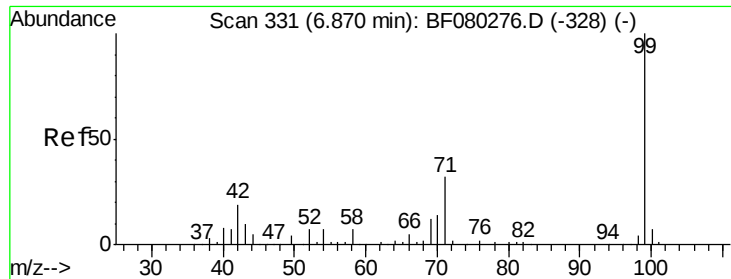
Lab File: BF080325.D

Acq: 3 Jul 2015 5:38



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 100079 |       |       |
| 66      | 36.3  | 33.7   | 50.5  |       |
| 65      | 18.2  | 18.3   | 27.5  |       |





#7

Phenol-d6

Concen: 129.93 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

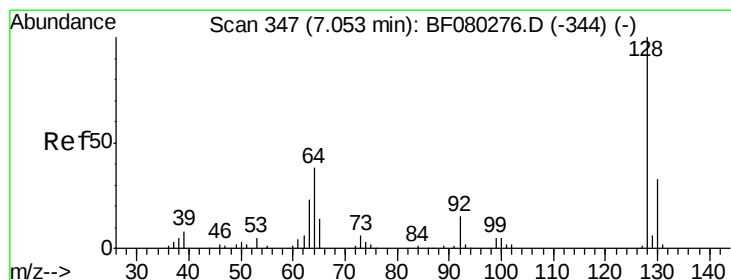
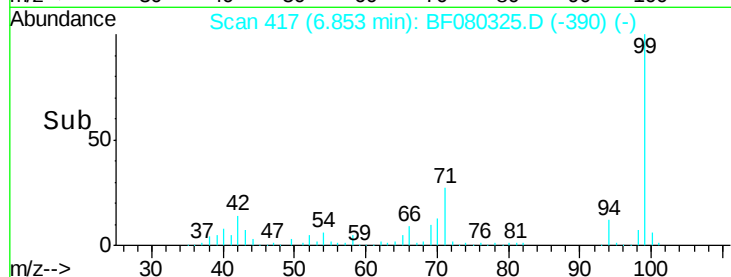
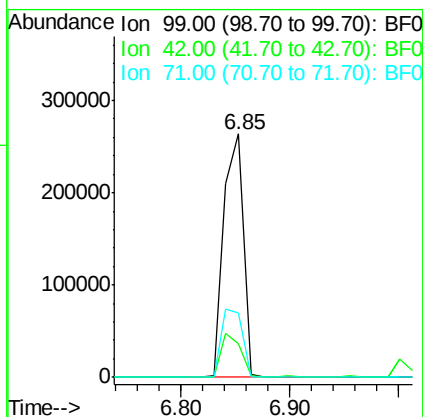
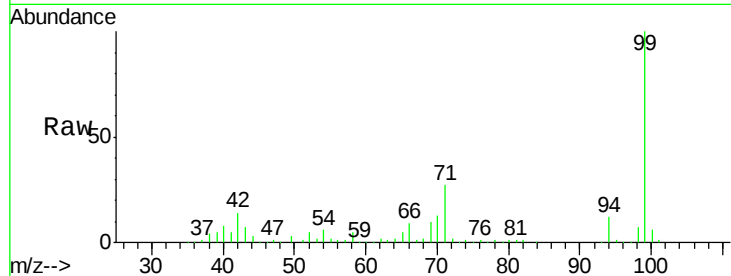
ClientSampleId :

IDOC-01-S-UM

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 329465 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.7  | 15.4  | 23.2#  |
| 71        | 26.7  | 25.8  | 38.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 44.72 ng

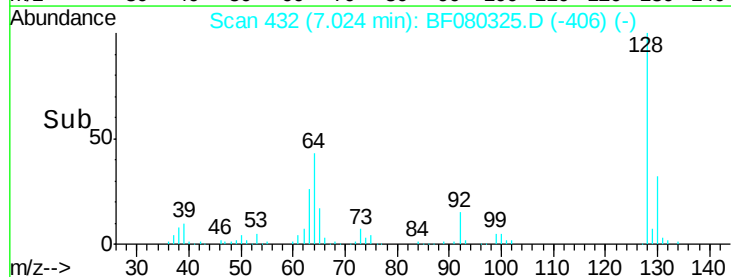
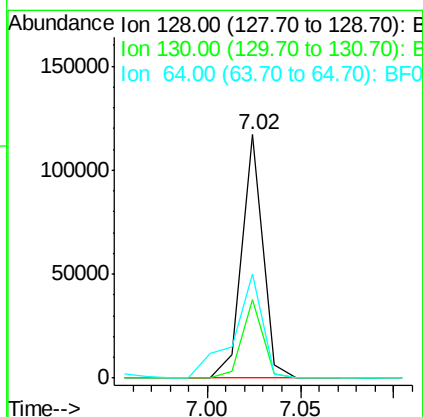
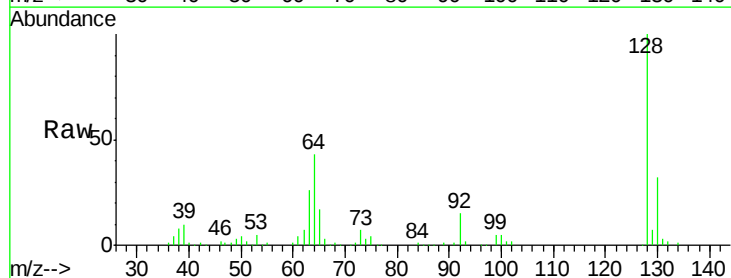
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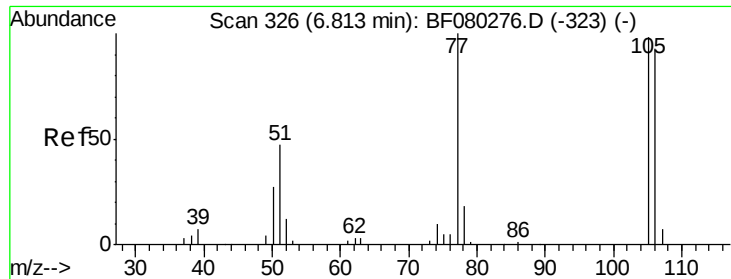
Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 92801 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.3  | 13.4  | 53.4  |
| 64        | 43.0  | 18.5  | 58.5  |





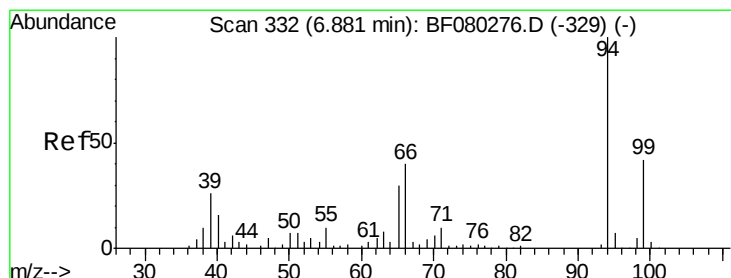
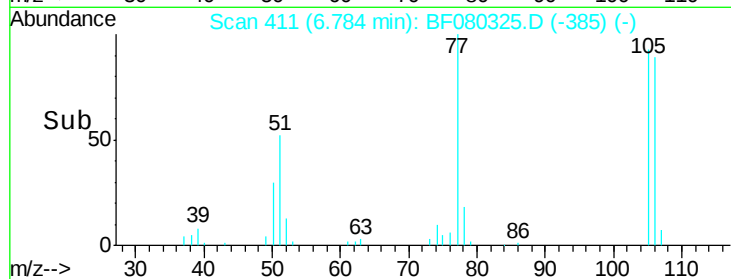
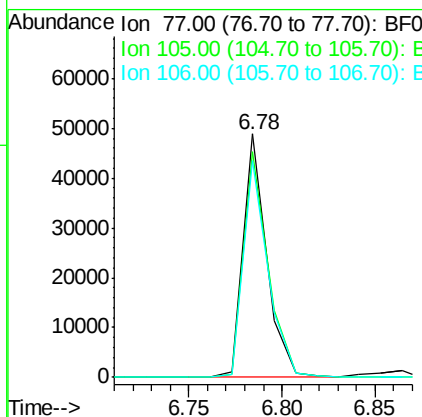
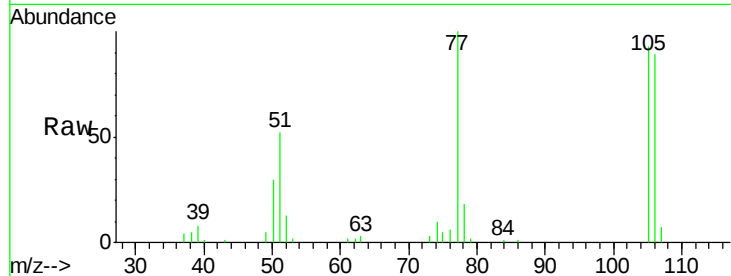
#9  
Benzaldehyde  
Concen: 30.95 ng  
RT: 6.78 min Scan# 411  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

Tgt Ion: 77 Resp: 42894  
Ion Ratio Lower Upper  
77 100  
105 92.7 78.2 118.2  
106 89.0 72.5 112.5

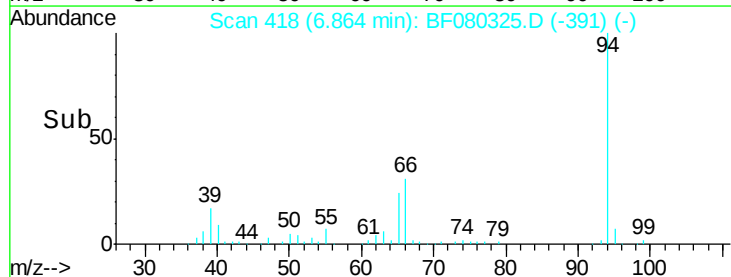
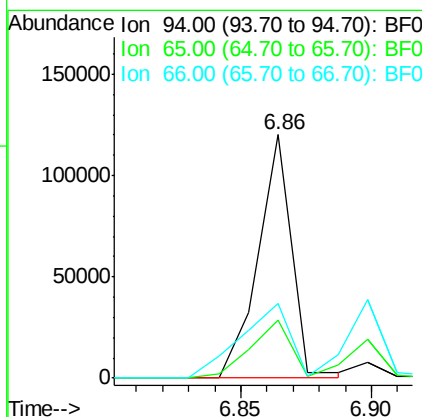
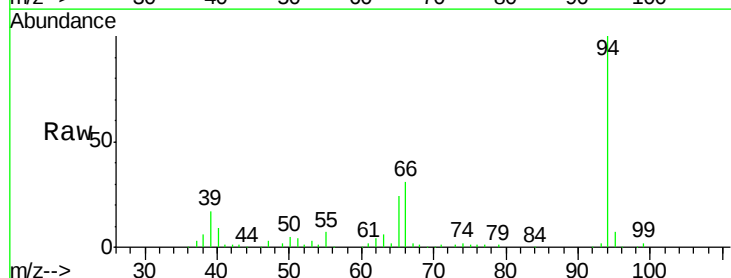
Manual Integrations  
APPROVED

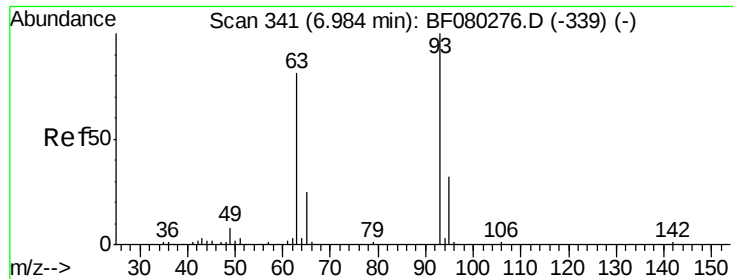
apatel  
7/6/2015 3:40:54 PM



#10  
Phenol  
Concen: 38.72 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.01 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Tgt Ion: 94 Resp: 108600  
Ion Ratio Lower Upper  
94 100  
65 23.9 9.6 49.6  
66 30.8 19.7 59.7





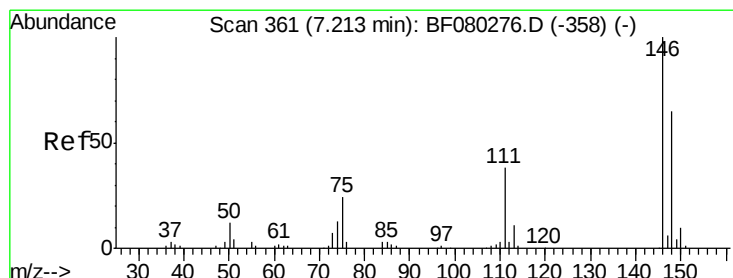
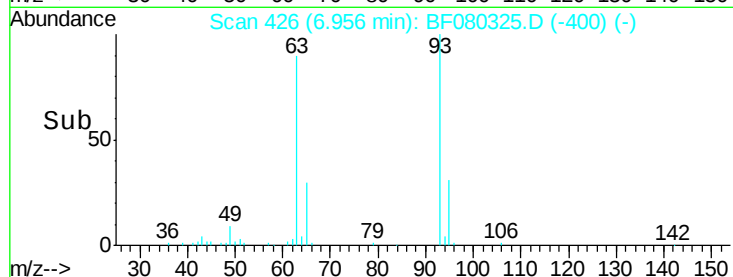
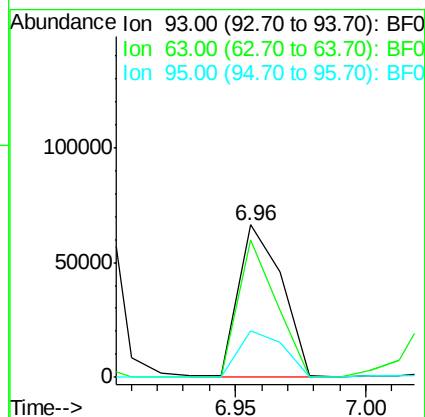
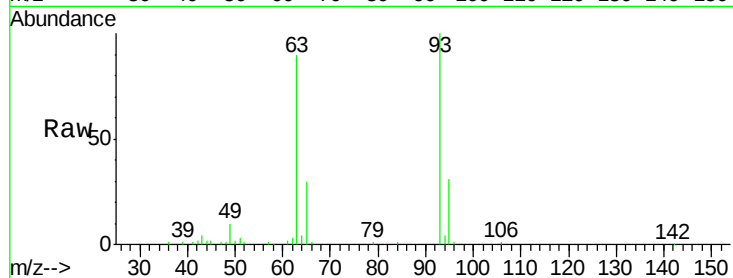
#11  
bis(2-Chloroethyl)ether  
Concen: 36.32 ng  
RT: 6.96 min Scan# 426  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 90.2  | 61.0  | 101.0 |
| 95      | 30.9  | 12.0  | 52.0  |

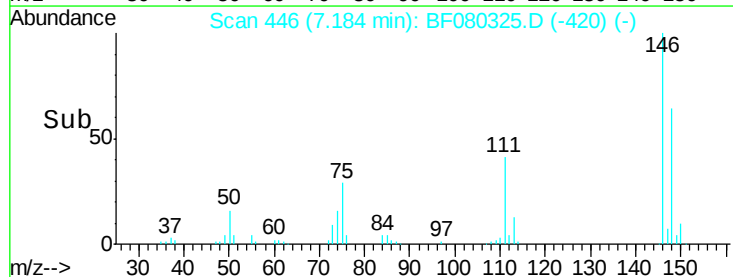
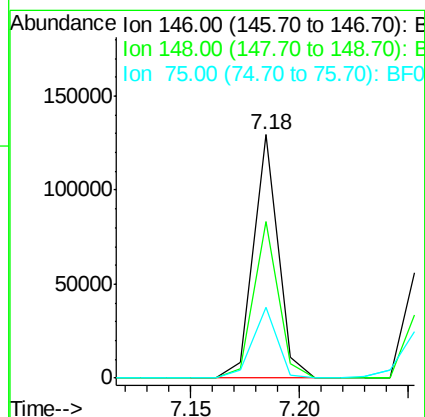
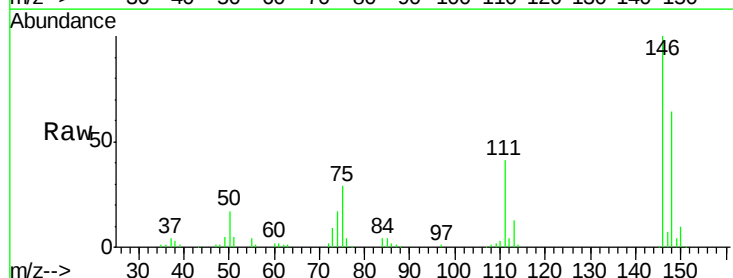
Manual Integrations  
APPROVED

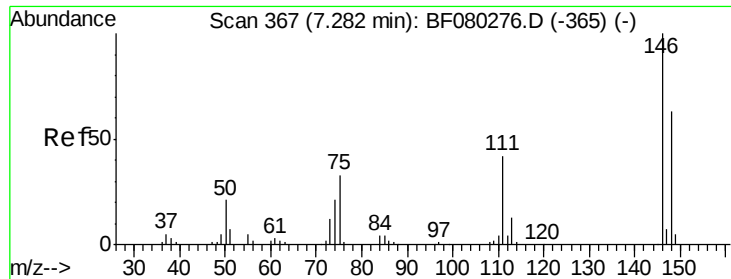
apatel  
7/6/2015 3:40:54 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.25 ng  
RT: 7.18 min Scan# 446  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.8  | 77.6  |
| 75      | 28.9  | 19.4  | 29.2  |





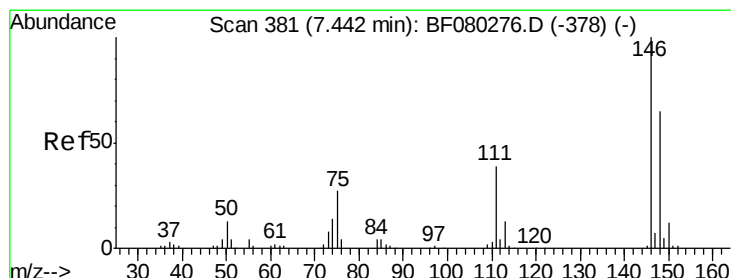
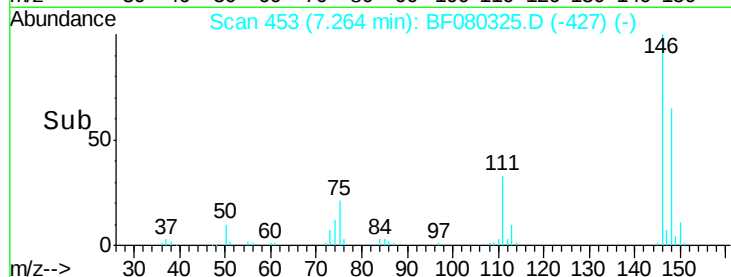
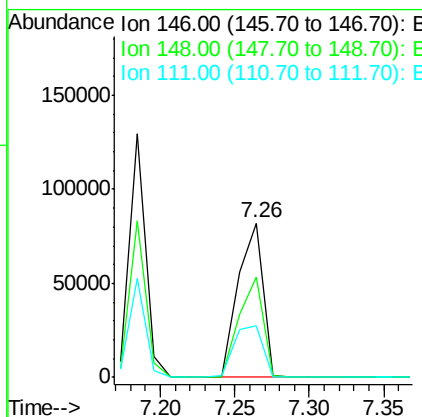
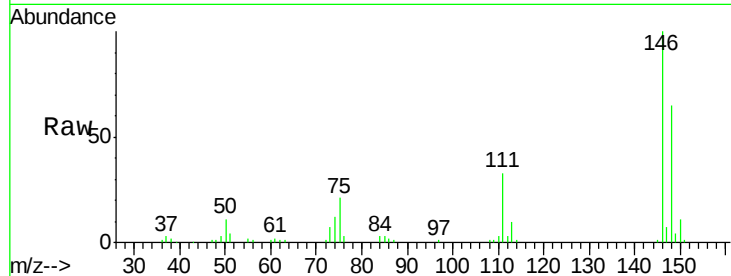
#13  
 1,4-Dichlorobenzene  
 Concen: 37.91 ng m  
 RT: 7.26 min Scan# 453  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 50.2  | 75.2  |
| 111     | 33.1  | 33.8  | 50.8# |

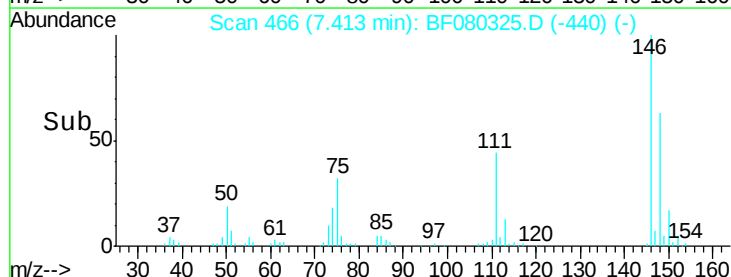
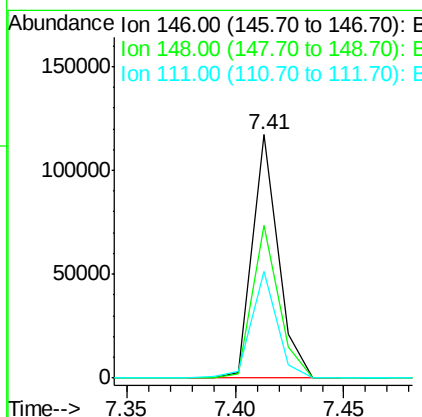
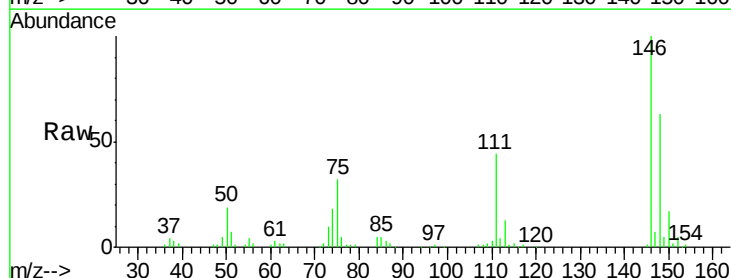
Manual Integrations  
 APPROVED

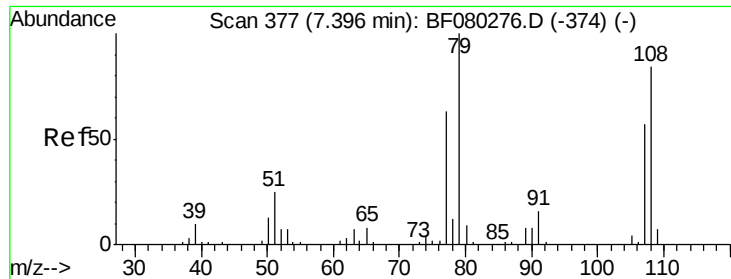
apatel  
 7/6/2015 3:40:54 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.62 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 52.2  | 78.4  |
| 111     | 43.5  | 31.6  | 47.4  |





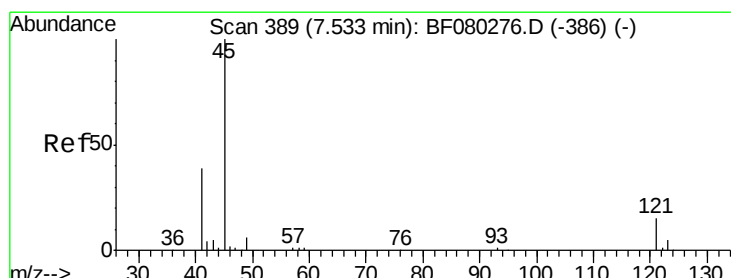
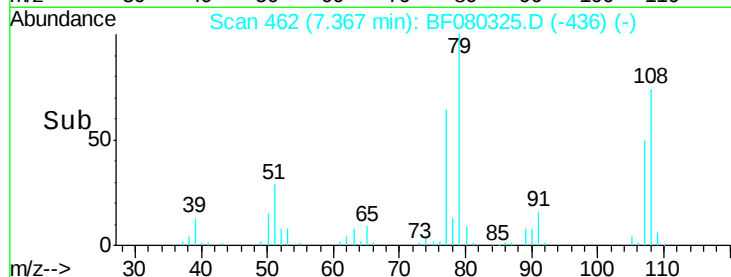
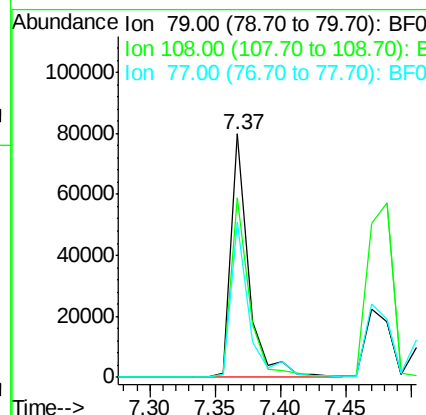
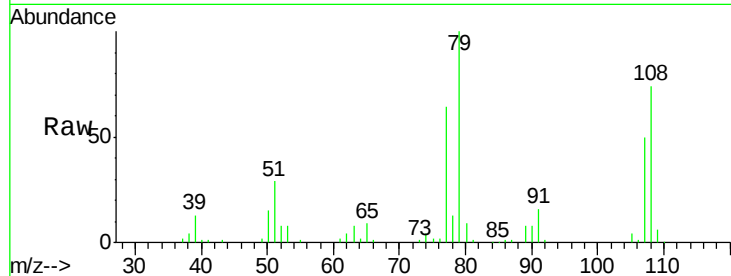
#15  
Benzyl Alcohol  
Concen: 39.16 ng  
RT: 7.37 min Scan# 462  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

Tgt Ion: 79 Resp: 76439  
Ion Ratio Lower Upper  
79 100  
108 73.7 67.1 100.7  
77 63.6 50.7 76.1

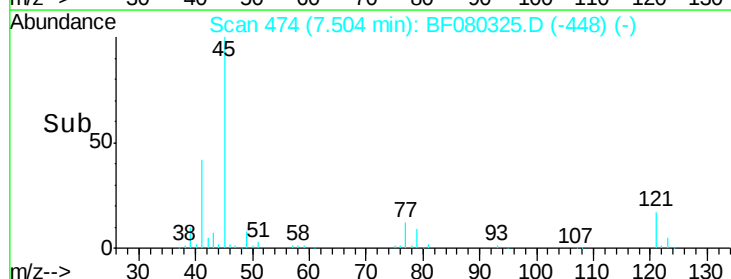
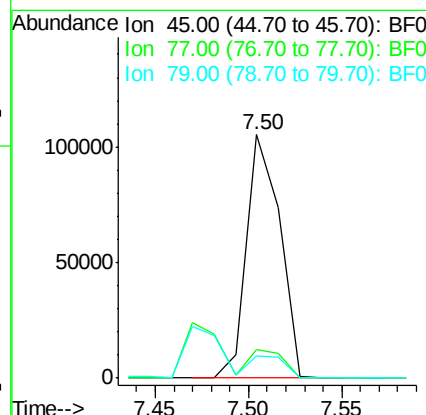
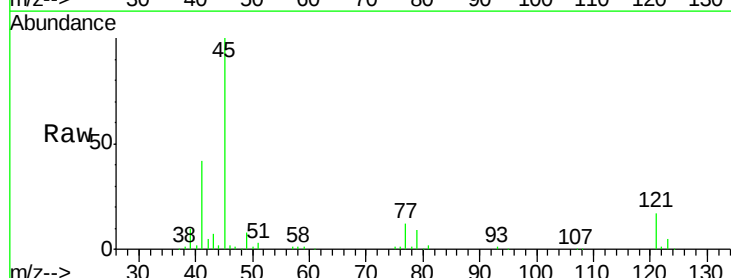
Manual Integrations  
APPROVED

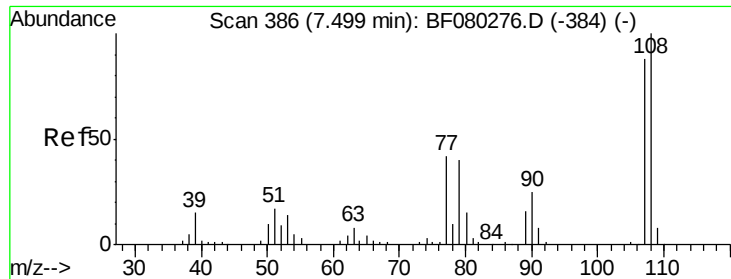
apatel  
7/6/2015 3:40:54 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.93 ng  
RT: 7.50 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Tgt Ion: 45 Resp: 129968  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 32.0  
79 9.1 0.0 29.3





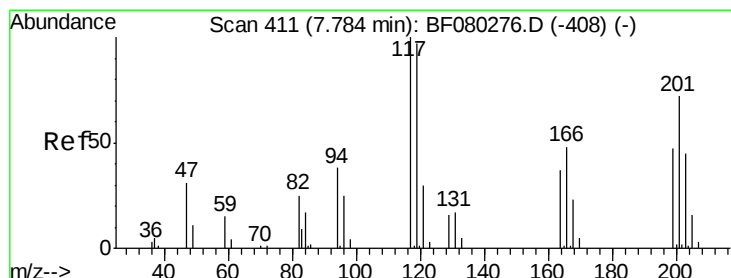
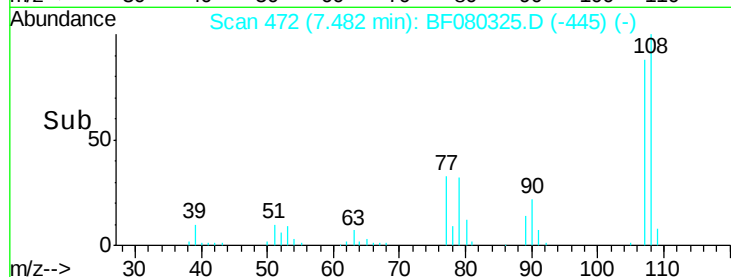
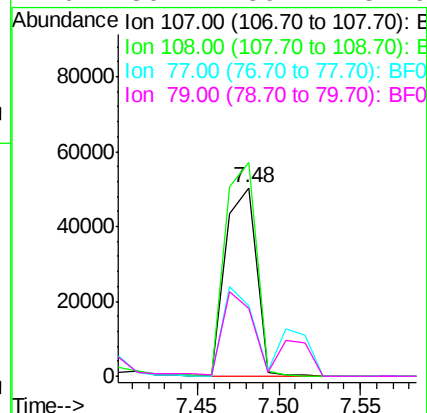
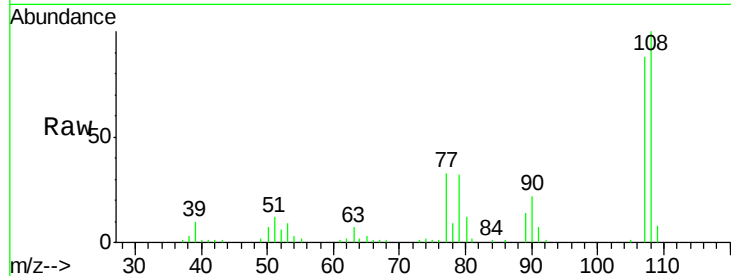
#17  
2-Methylphenol  
Concen: 36.76 ng  
RT: 7.48 min Scan# 472  
Delta R.T. 0.01 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 65948 |       |       |
| 108     | 113.2 | 90.6  | 136.0 |       |
| 77      | 37.6  | 38.0  | 57.0  |       |
| 79      | 36.2  | 36.4  | 54.6  |       |

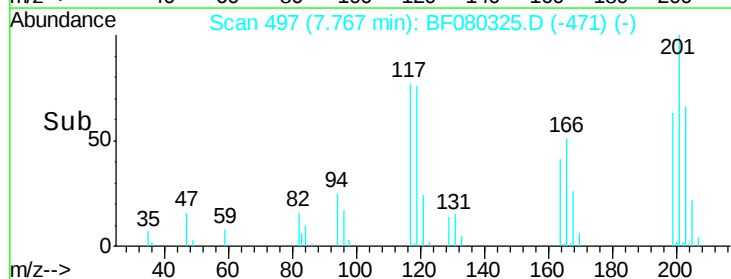
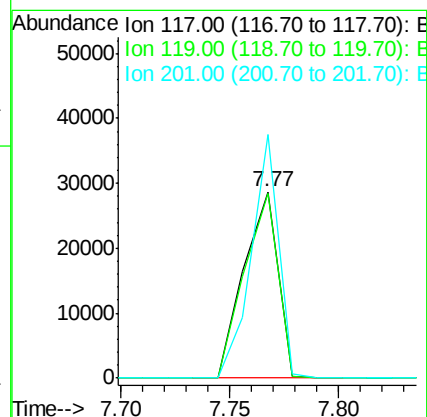
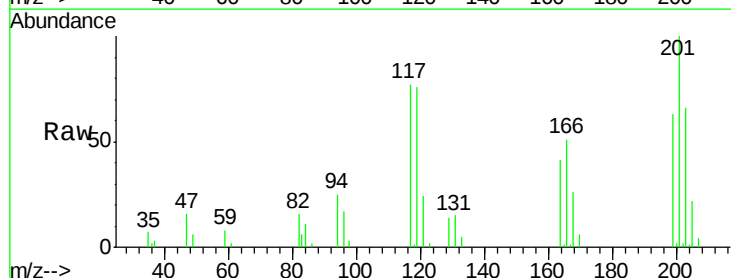
Manual Integrations  
APPROVED

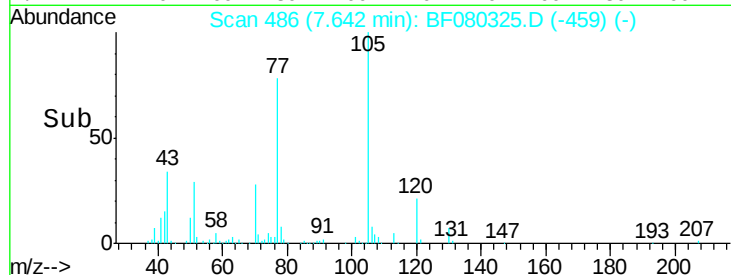
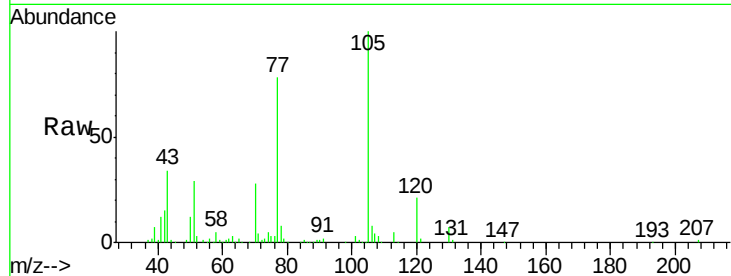
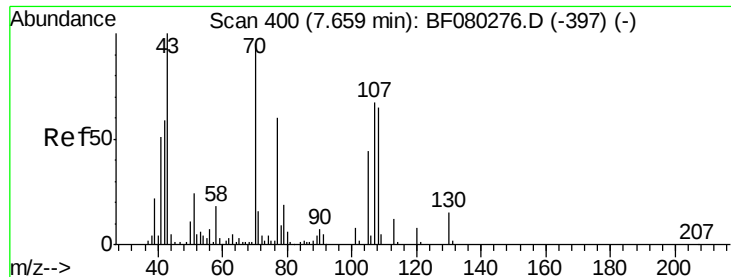
apatel  
7/6/2015 3:40:54 PM



#18  
Hexachloroethane  
Concen: 39.66 ng  
RT: 7.77 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 31227 |       |       |
| 119     | 99.1  | 77.3  | 115.9 |       |
| 201     | 130.6 | 57.5  | 86.3  |       |





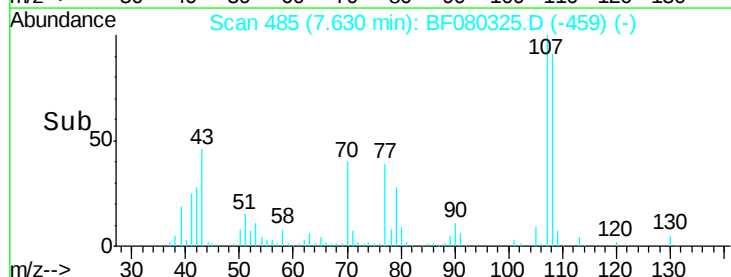
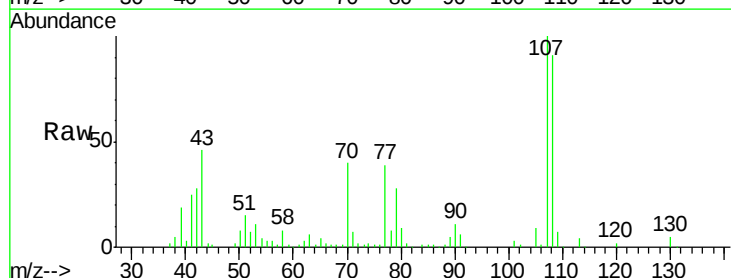
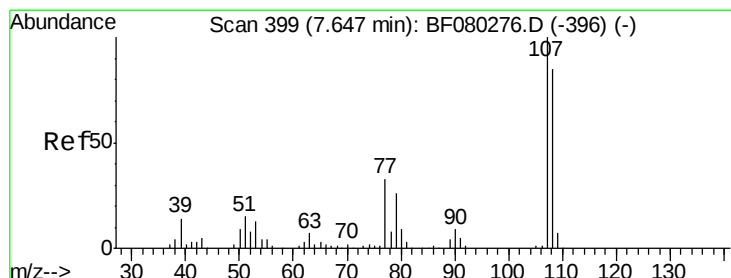
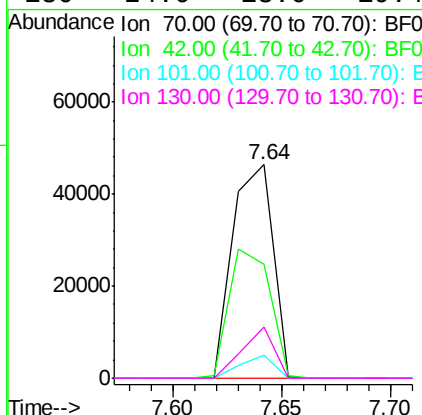
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.52 ng  
RT: 7.64 min Scan# 486  
Delta R.T. 0.01 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.5  | 49.8  | 74.8  |
| 101     | 10.8  | 6.8   | 10.2# |
| 130     | 24.0  | 13.0  | 19.4# |

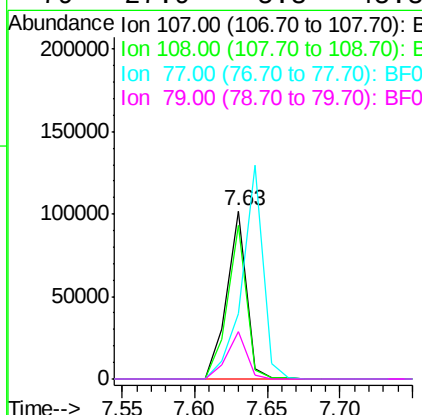
Manual Integrations  
APPROVED

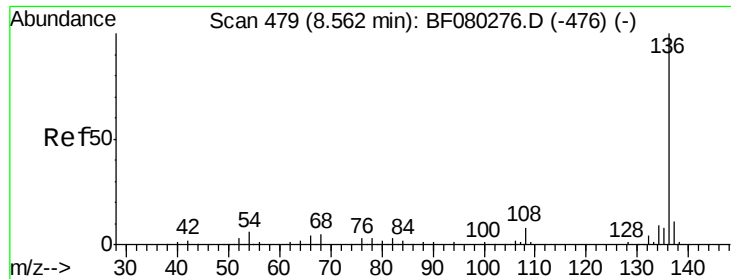
apatel  
7/6/2015 3:40:54 PM



#20  
3+4-Methylphenols  
Concen: 40.40 ng  
RT: 7.63 min Scan# 485  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.4  | 64.9  | 104.9 |
| 77      | 38.8  | 12.9  | 52.9  |
| 79      | 27.9  | 5.8   | 45.8  |





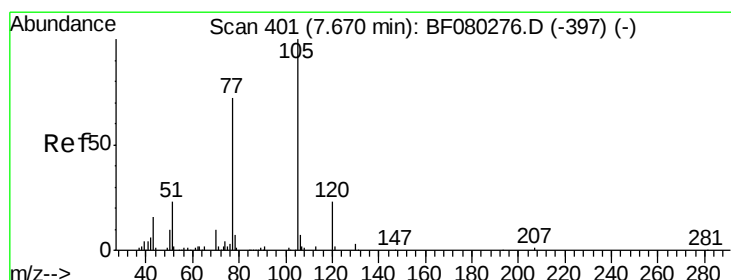
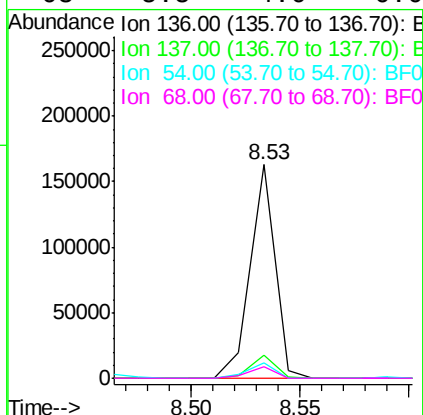
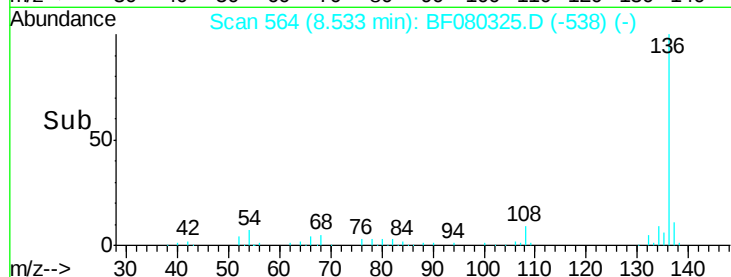
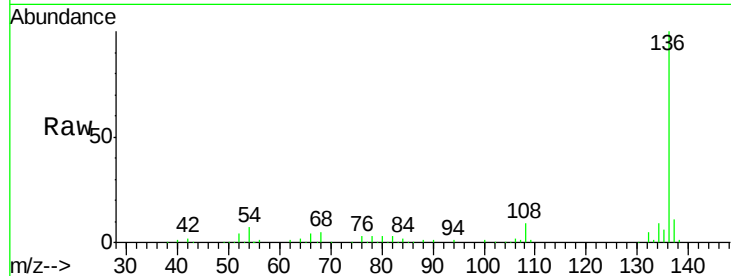
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.53 min Scan# 564  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 129173 |       |       |
| 137     | 10.7  | 8.4    | 12.6  |       |
| 54      | 7.5   | 4.9    | 7.3#  |       |
| 68      | 5.5   | 4.0    | 6.0   |       |

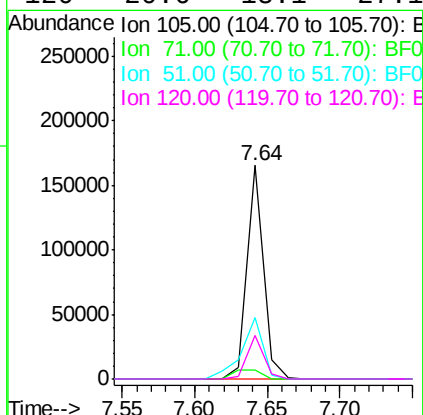
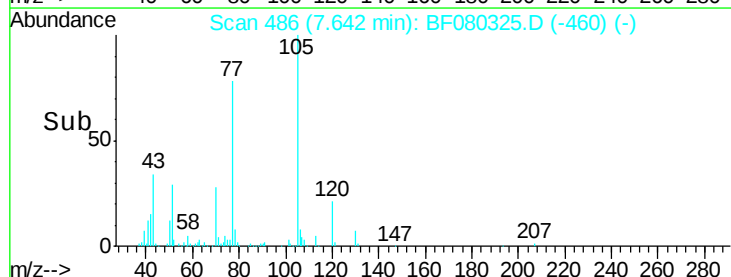
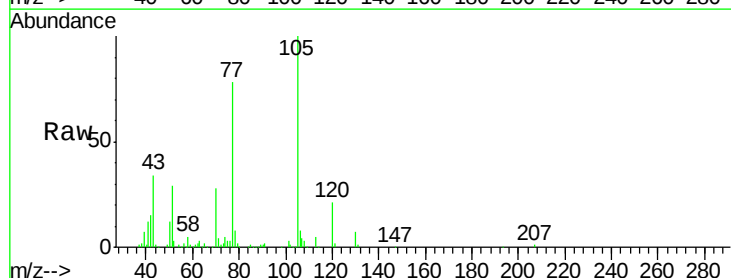
Manual Integrations  
APPROVED

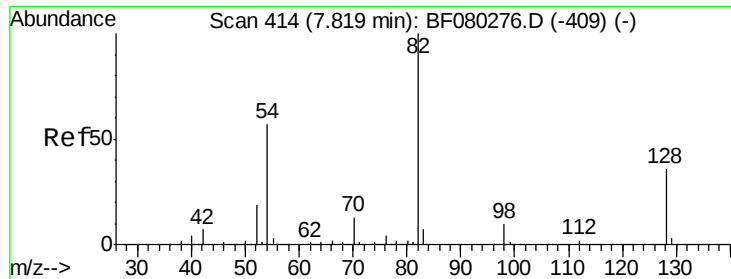
apatel  
7/6/2015 3:40:54 PM



#22  
Acetophenone  
Concen: 43.22 ng  
RT: 7.64 min Scan# 486  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 130447 |       |       |
| 71      | 4.5   | 1.4    | 2.0#  |       |
| 51      | 28.8  | 18.5   | 27.7# |       |
| 120     | 20.6  | 18.1   | 27.1  |       |





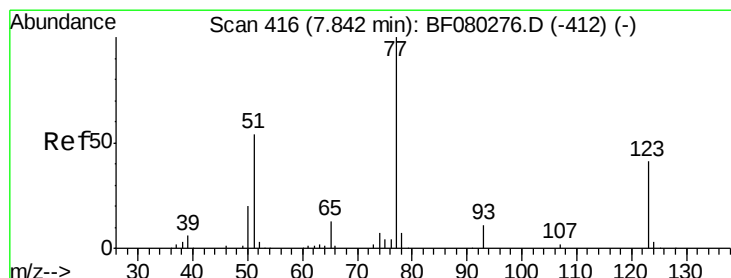
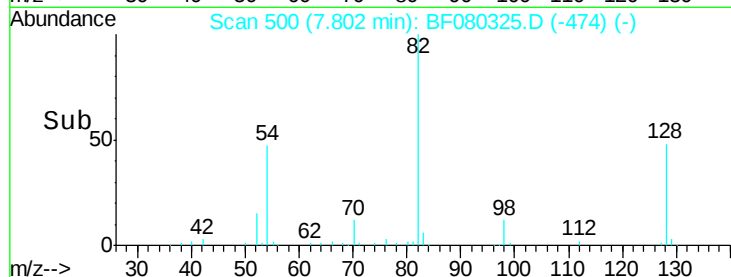
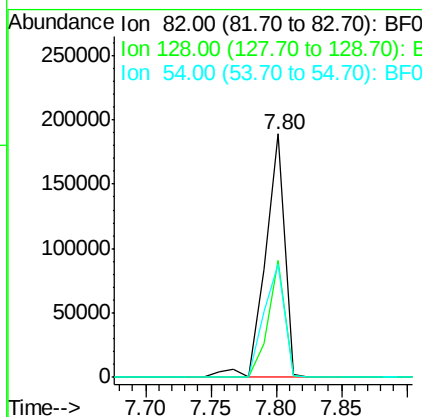
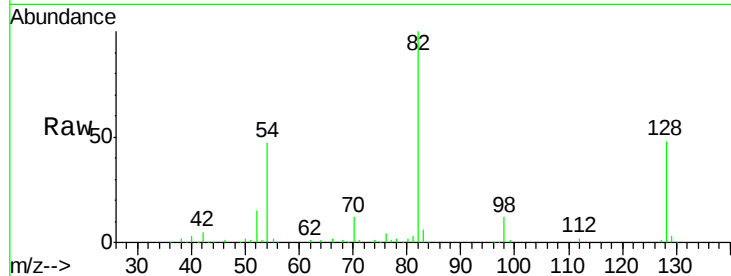
#23  
 Nitrobenzene-d5  
 Concen: 83.54 ng  
 RT: 7.80 min Scan# 500  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 48.2  | 29.0       | 43.4# |
| 54      | 46.7  | 45.3       | 67.9  |

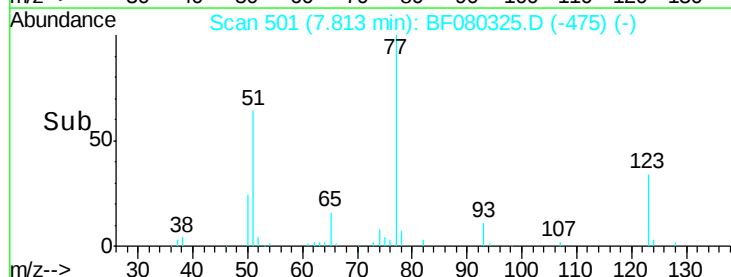
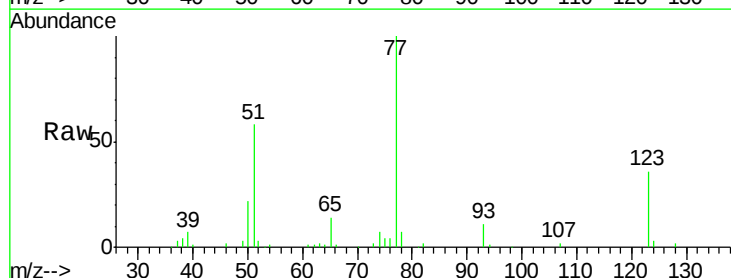
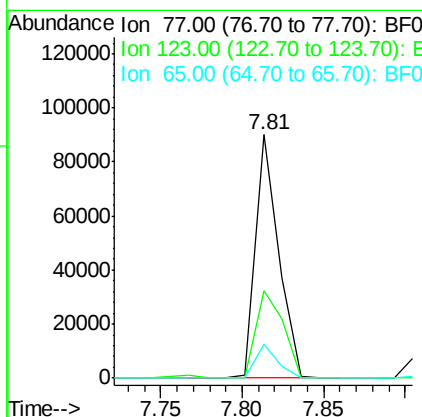
Manual Integrations  
 APPROVED

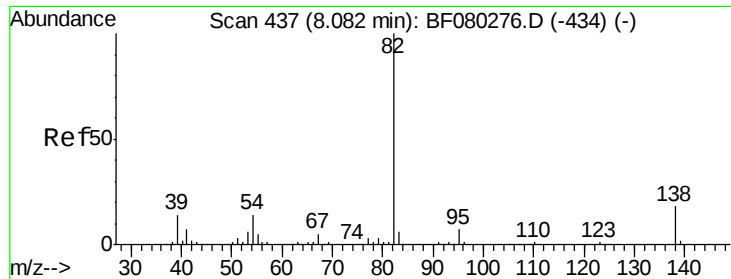
apatel  
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#24  
 Nitrobenzene  
 Concen: 36.52 ng  
 RT: 7.81 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 36.0  | 33.0       | 49.6  |
| 65      | 14.1  | 10.6       | 15.8  |





#25

Isophorone

Concen: 37.67 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

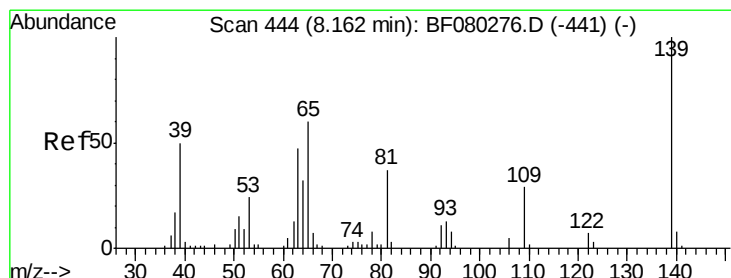
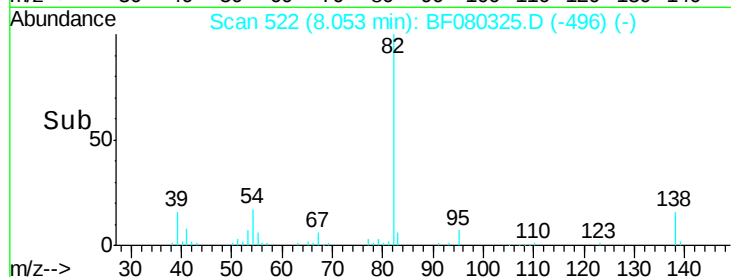
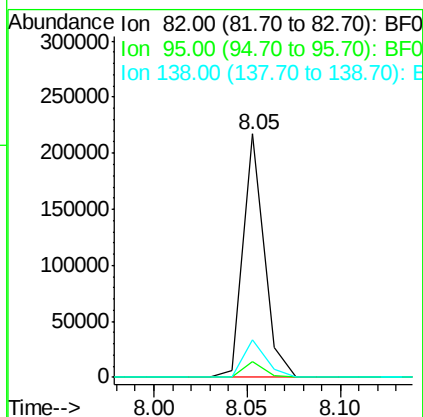
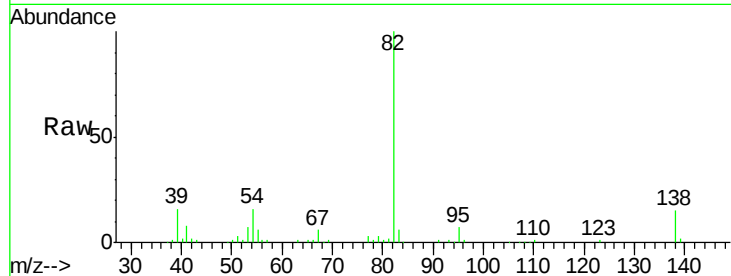
ClientSampleId :

IDOC-01-S-UM

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 171769 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.7  | 5.3   | 7.9    |
| 138       | 15.4 | 14.4  | 21.6   |

Manual Integrations  
APPROVED

apatel  
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#26

2-Nitrophenol

Concen: 36.61 ng

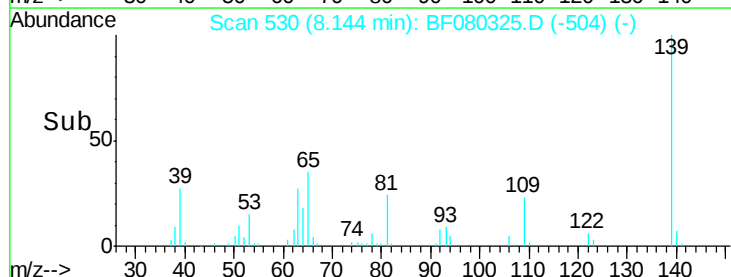
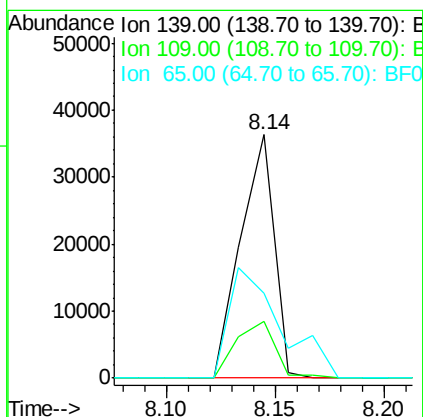
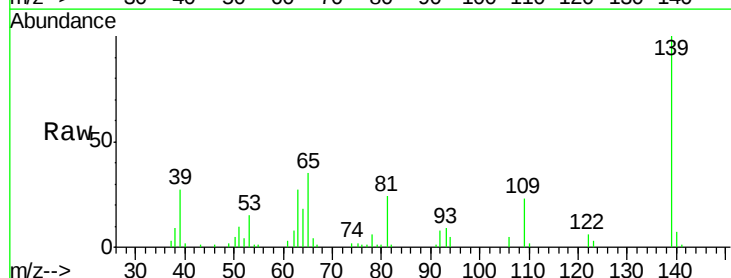
RT: 8.14 min Scan# 530

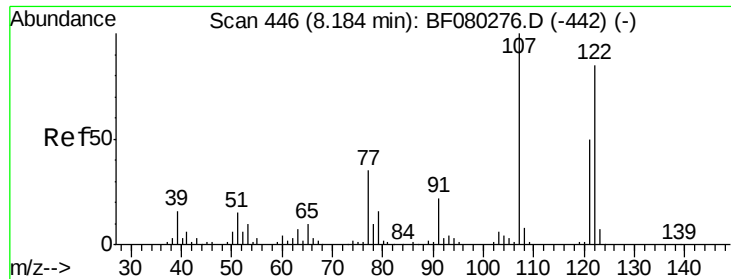
Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 38887 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 23.4 | 23.1  | 34.7  |
| 65        | 35.0 | 47.6  | 71.4# |





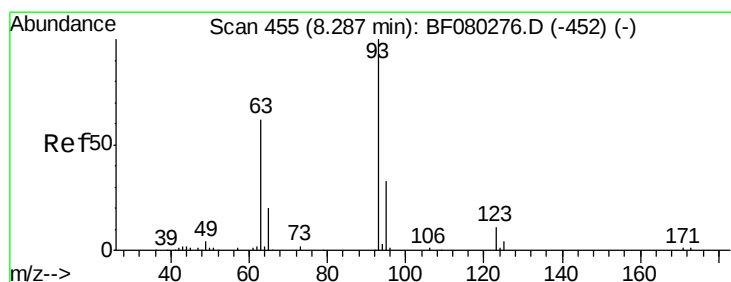
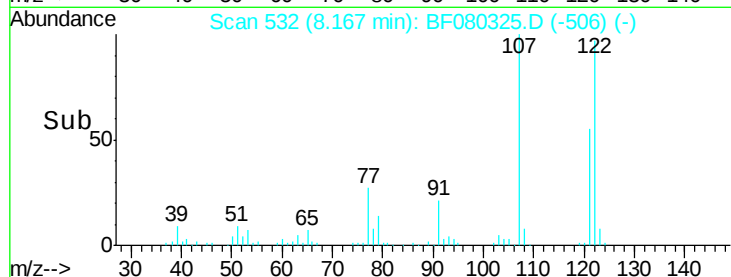
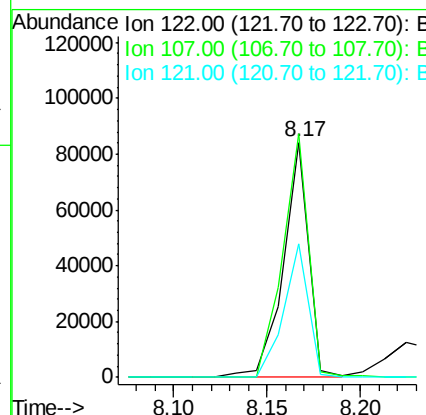
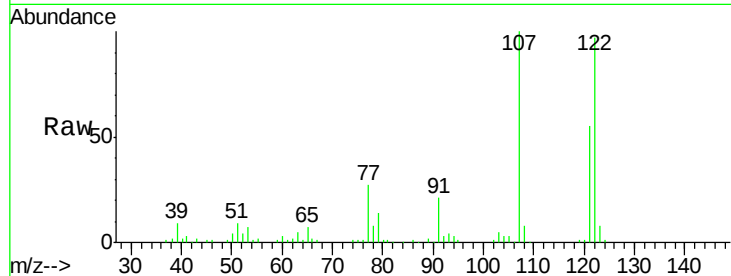
#27  
 2,4-Dimethylphenol  
 Concen: 40.79 ng  
 RT: 8.17 min Scan# 532  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 79539 |       |       |
| 107     | 103.6 | 93.7  | 140.5 |       |
| 121     | 56.7  | 46.9  | 70.3  |       |

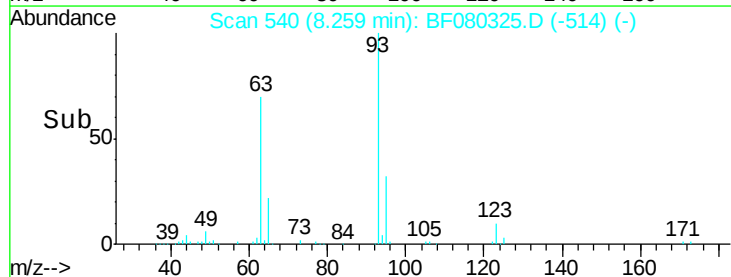
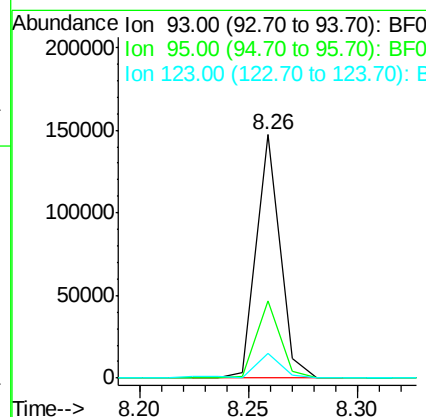
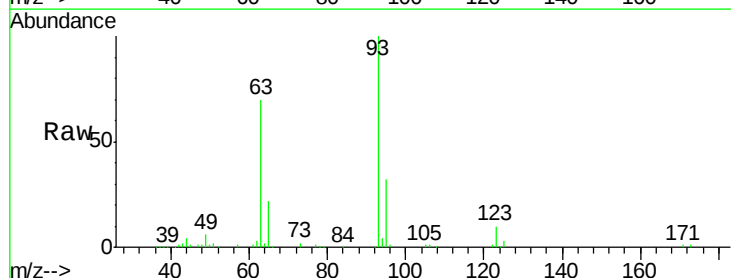
Manual Integrations  
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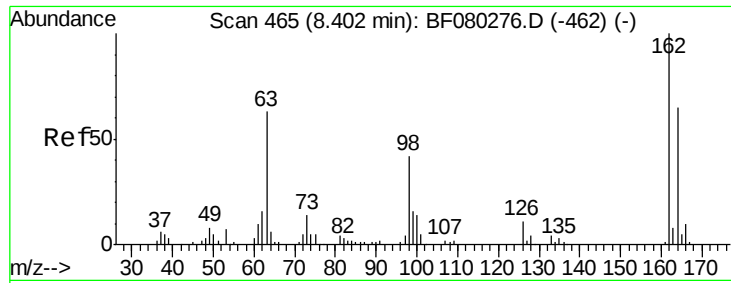
apatel  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.58 ng  
 RT: 8.26 min Scan# 540  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 111055 |       |       |
| 95      | 31.9  | 26.6   | 39.8  |       |
| 123     | 10.0  | 9.2    | 13.8  |       |





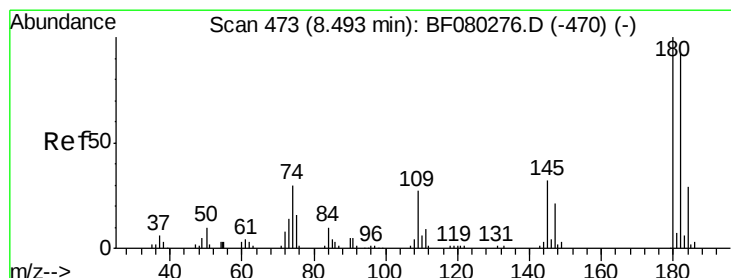
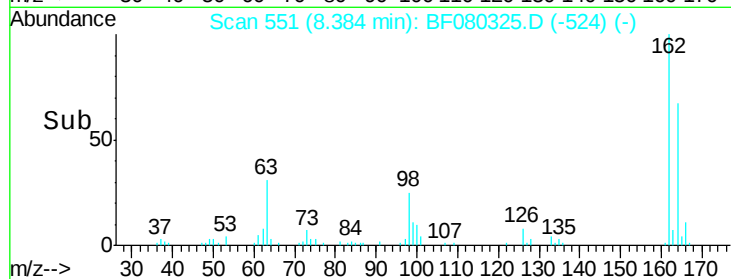
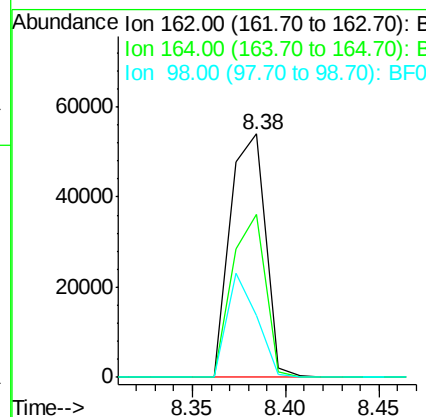
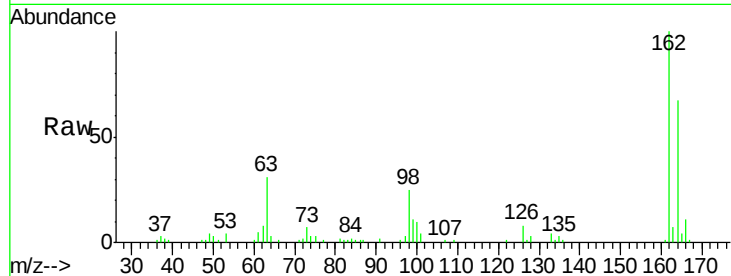
#29  
 2,4-Dichlorophenol  
 Concen: 39.69 ng  
 RT: 8.38 min Scan# 551  
 Delta R.T. 0.01 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 71494 |       |       |
| 164     | 67.0  | 44.6  | 84.6  |       |
| 98      | 25.4  | 21.7  | 61.7  |       |

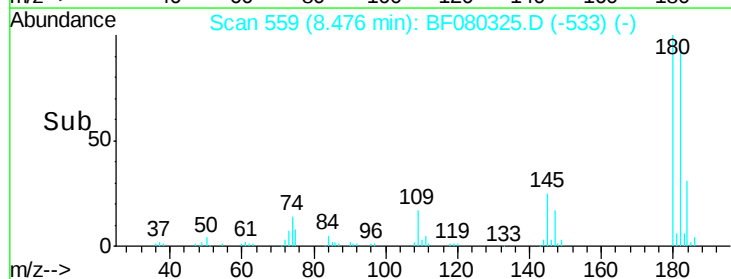
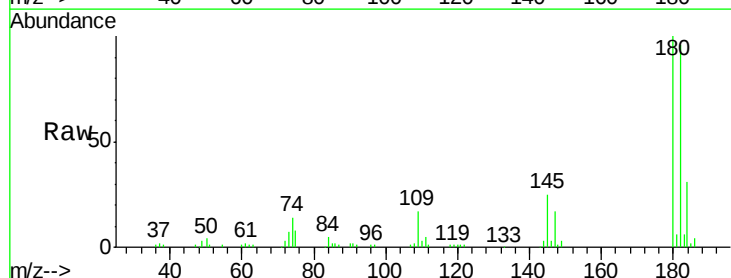
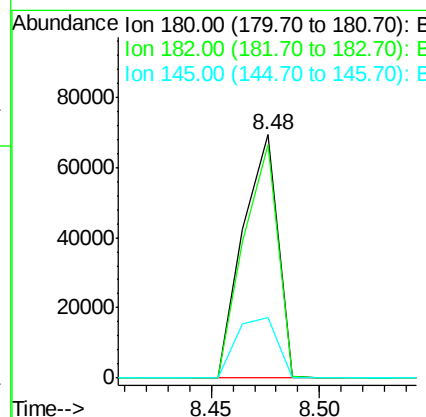
Manual Integrations  
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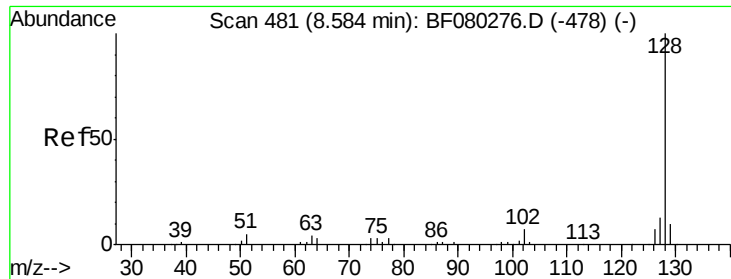
apatel  
 7/6/2015 3:40:54 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.67 ng  
 RT: 8.48 min Scan# 559  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 77049 |       |       |
| 182     | 95.7  | 73.8  | 110.6 |       |
| 145     | 25.1  | 25.6  | 38.4  |       |





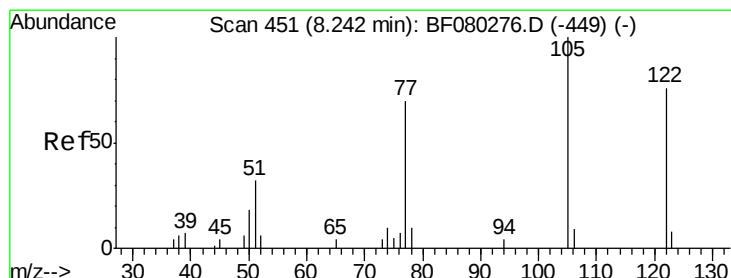
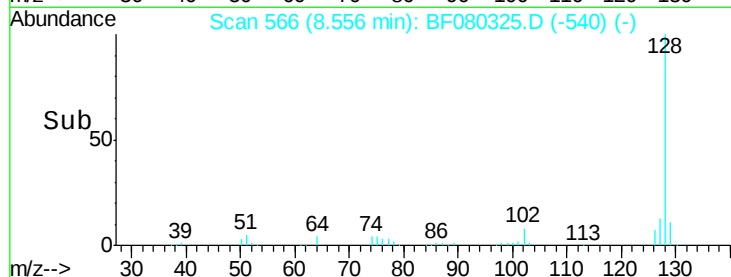
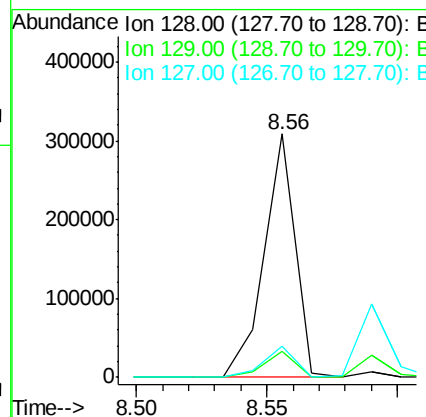
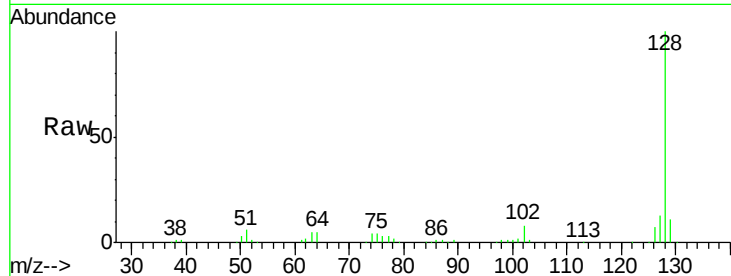
#31  
Naphthalene  
Concen: 39.22 ng  
RT: 8.56 min Scan# 566  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 10.6  | 8.2        | 12.4       |
| 127     | 12.6  | 10.4       | 15.6       |

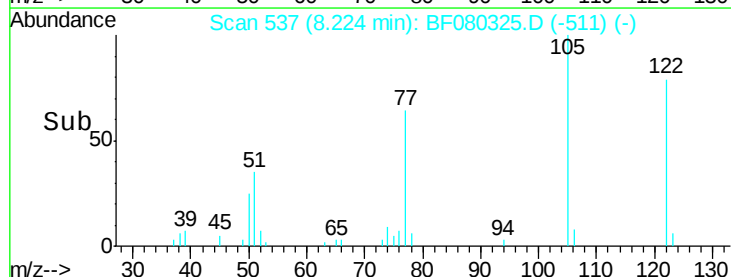
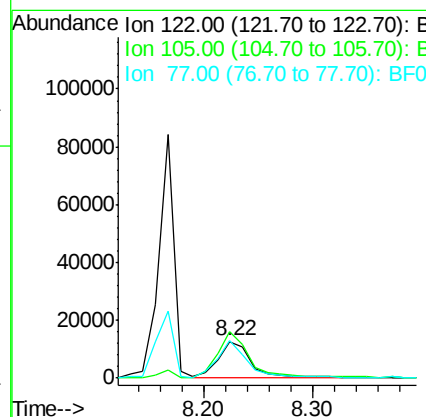
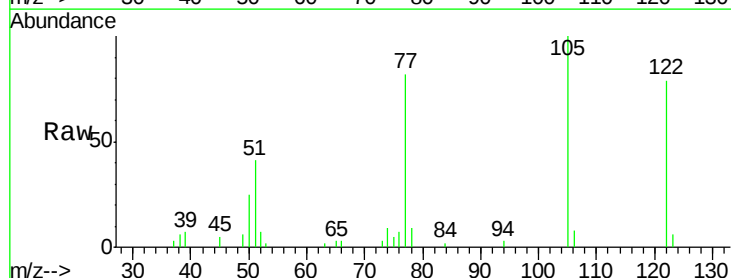
Manual Integrations  
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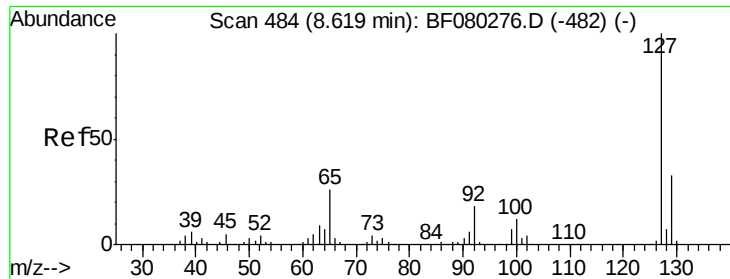
apatel  
7/6/2015 3:40:54 PM



#32  
Benzoic acid  
Concen: 62.31 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 126.3 | 103.3      | 143.3      |
| 77      | 103.1 | 71.5       | 111.5      |





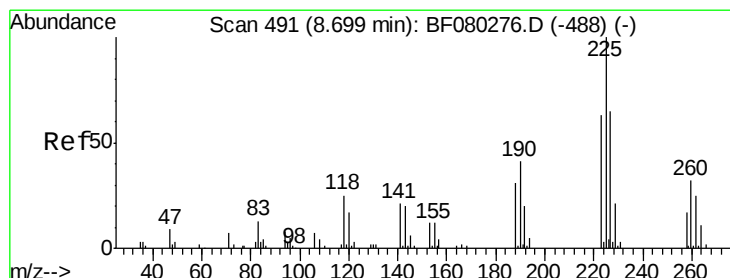
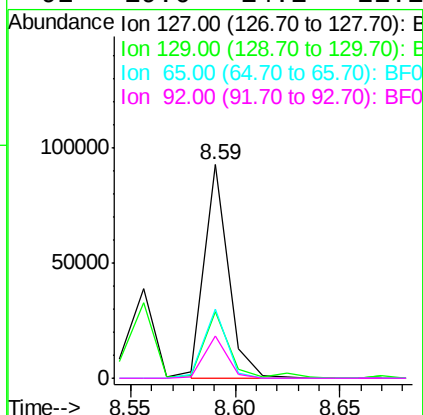
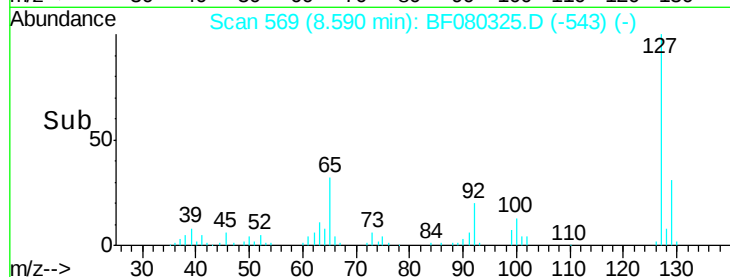
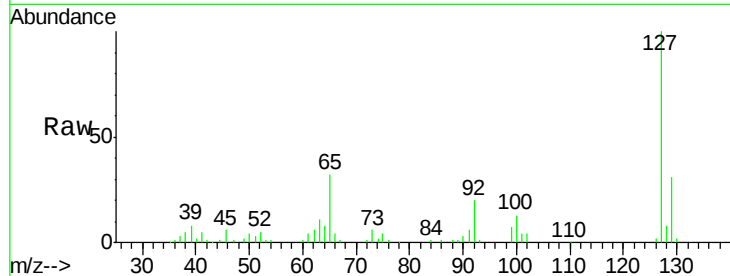
#33  
4-Chloroaniline  
Concen: 26.28 ng m  
RT: 8.59 min Scan# 569  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 73359 |       |       |
| 129     | 31.1  | 26.4  | 39.6  |       |
| 65      | 32.3  | 21.0  | 31.6  |       |
| 92      | 19.6  | 14.1  | 21.1  |       |

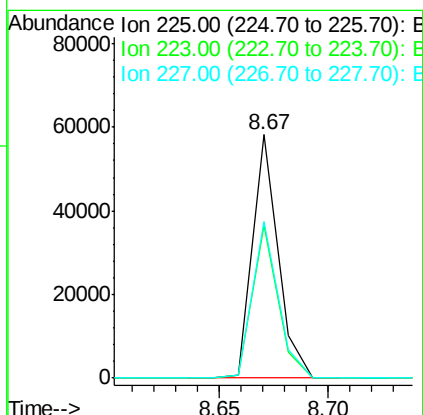
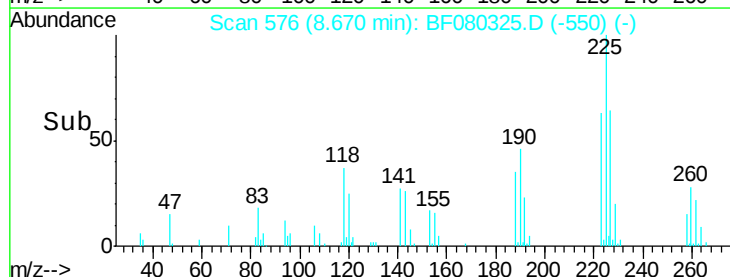
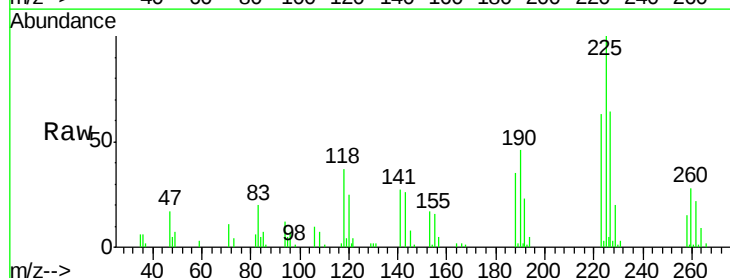
Manual Integrations  
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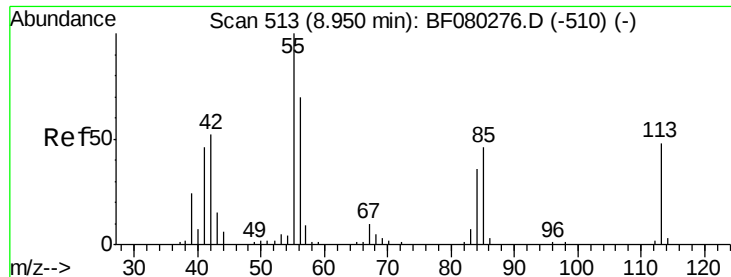
apatel  
7/6/2015 3:40:54 PM



#34  
Hexachlorobutadiene  
Concen: 35.85 ng  
RT: 8.67 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 47453 |       |       |
| 223     | 62.5  | 50.5  | 75.7  |       |
| 227     | 64.1  | 51.8  | 77.8  |       |





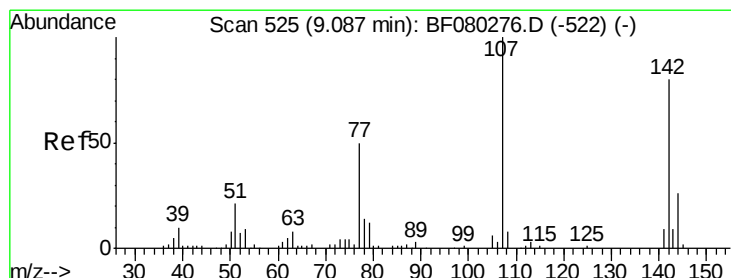
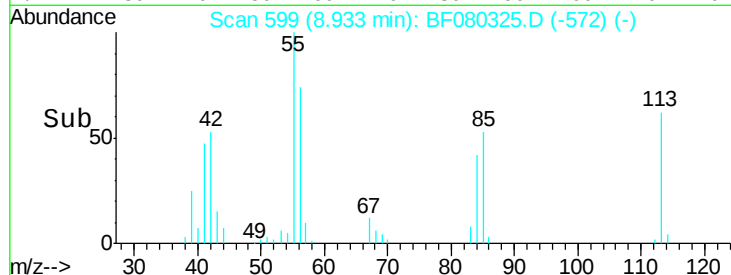
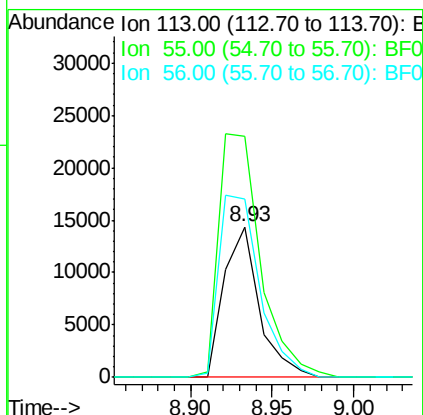
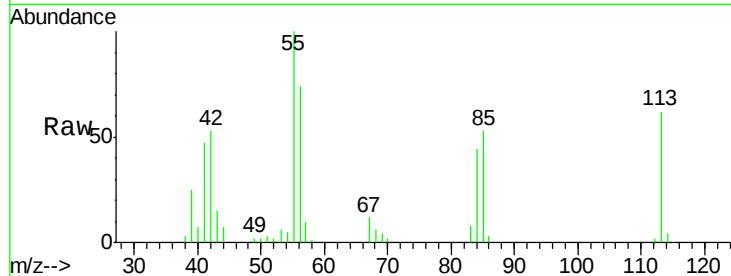
#35  
 Caprolactam  
 Concen: 39.29 ng  
 RT: 8.93 min Scan# 599  
 Delta R.T. 0.01 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

Tgt Ion:113 Resp: 21474  
 Ion Ratio Lower Upper  
 113 100  
 55 160.5 189.7 229.7#  
 56 118.5 127.2 167.2#

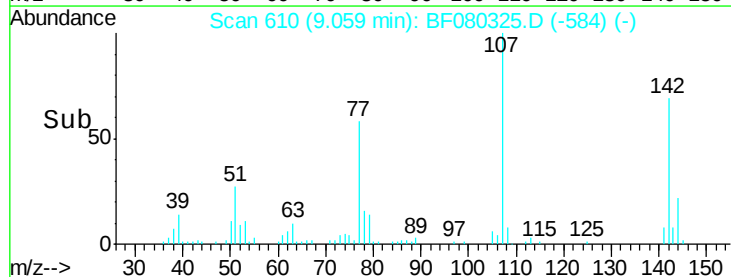
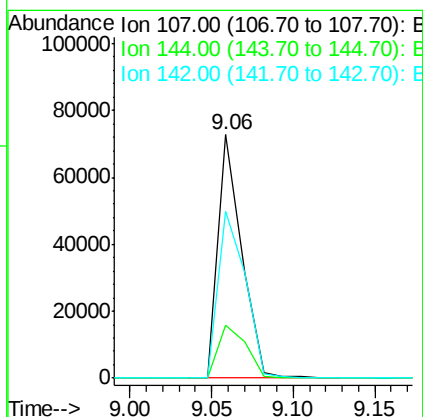
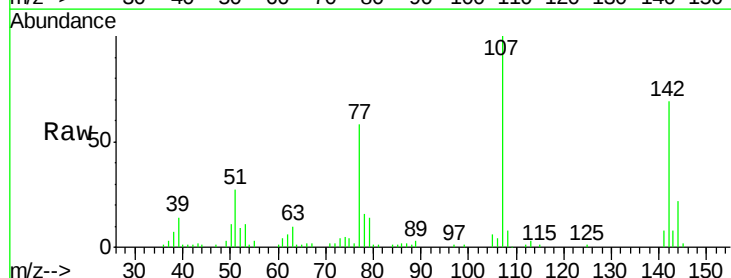
Manual Integrations  
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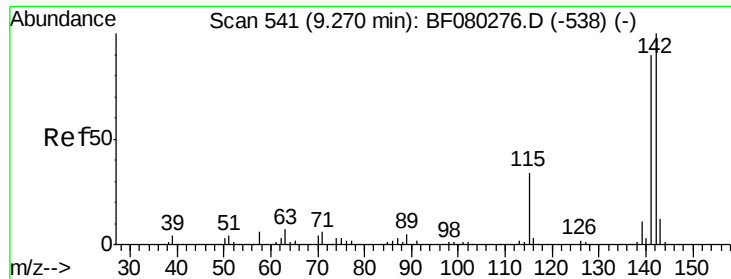
apatel  
 7/6/2015 3:40:54 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.49 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Tgt Ion:107 Resp: 73104  
 Ion Ratio Lower Upper  
 107 100  
 144 21.8 20.4 30.6  
 142 68.6 63.8 95.6





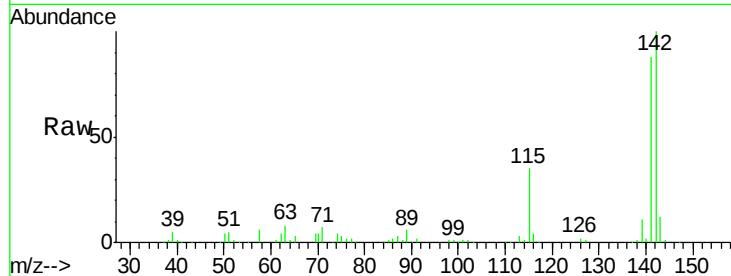
#37  
2-Methylnaphthalene  
Concen: 37.69 ng  
RT: 9.24 min Scan# 626  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

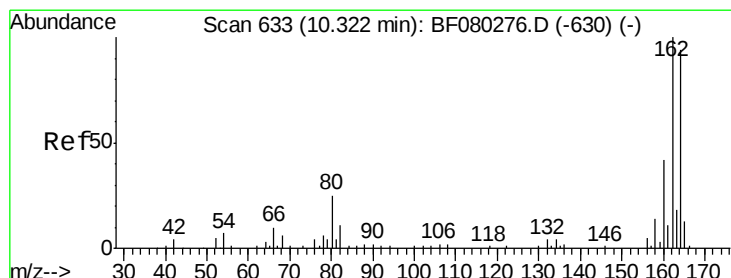
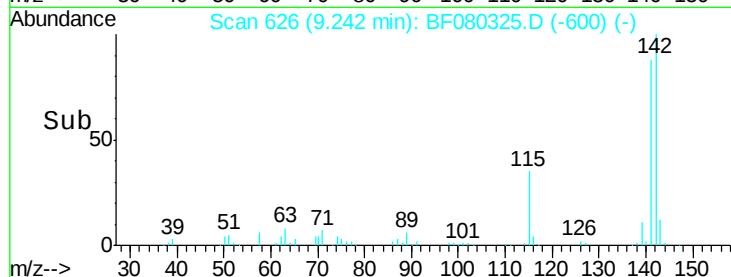
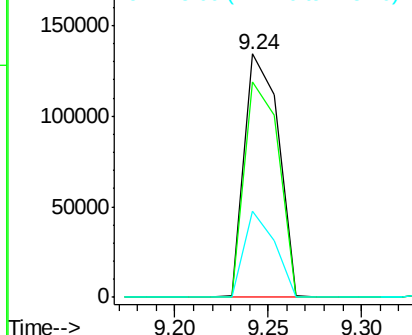
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 169827 |       |       |
| 141     | 88.3  | 71.8   | 107.6 |       |
| 115     | 35.3  | 27.4   | 41.2  |       |

Manual Integrations  
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apatel  
7/6/2015 3:40:54 PM



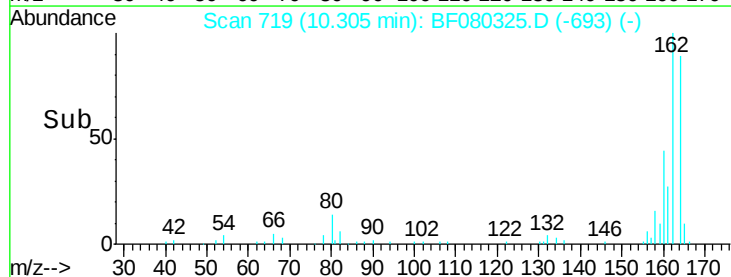
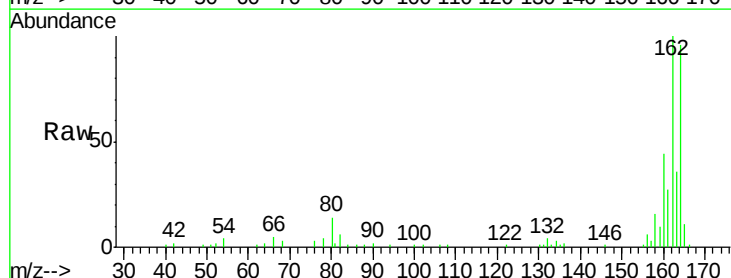
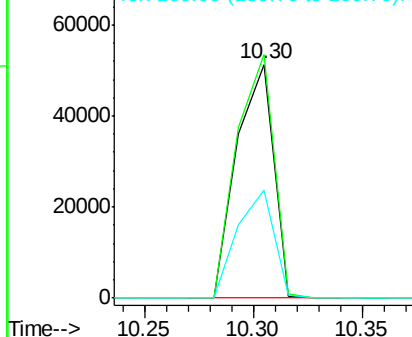
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

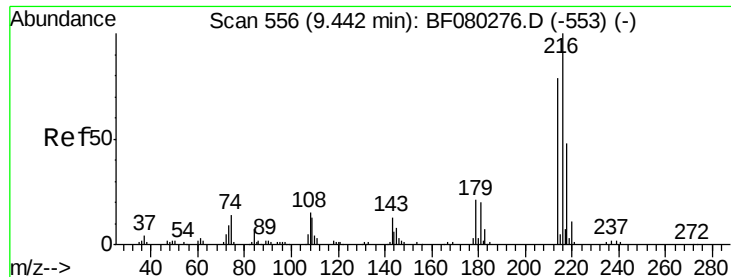


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.30 min Scan# 719  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 60196 |       |       |
| 162     | 104.2 | 84.8  | 127.2 |       |
| 160     | 46.0  | 35.8  | 53.8  |       |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.03 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080325.D

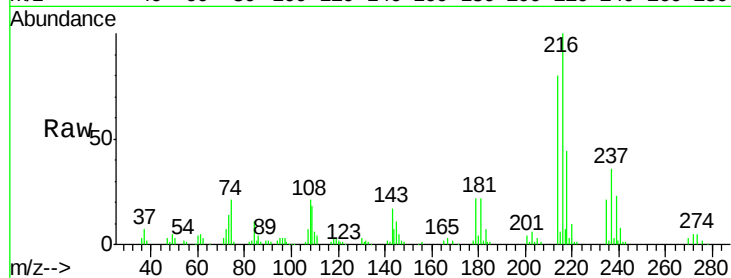
Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

ClientSampleId :

IDOC-01-S-UM



Tgt Ion: 216 Resp: 80196

Ion Ratio Lower Upper

216 100

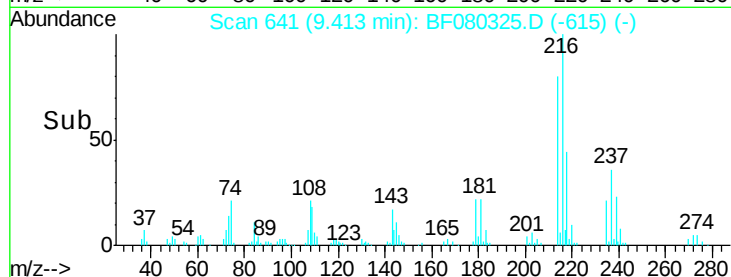
214 78.5 63.0 94.6

179 20.7 16.8 25.2

108 21.2 13.8 20.8#

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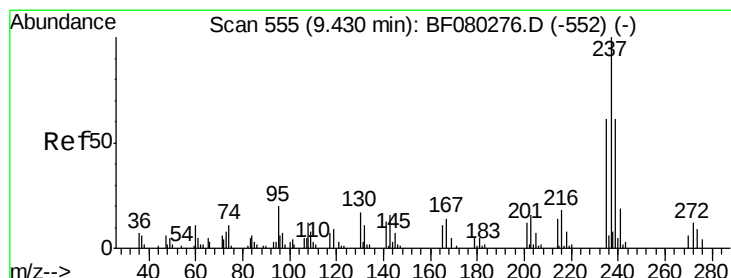
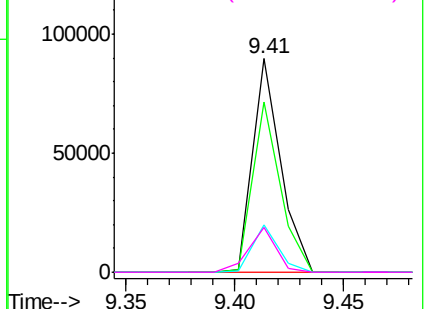


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 80.38 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

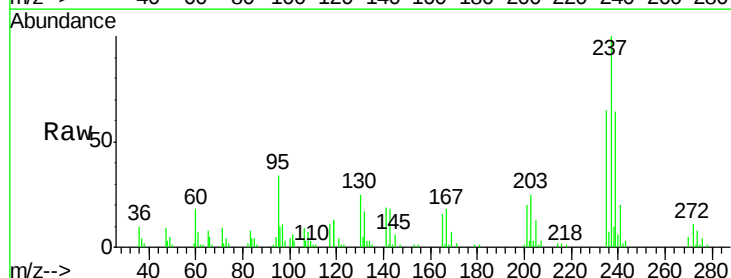
Tgt Ion: 237 Resp: 63450

Ion Ratio Lower Upper

237 100

235 65.4 41.3 81.3

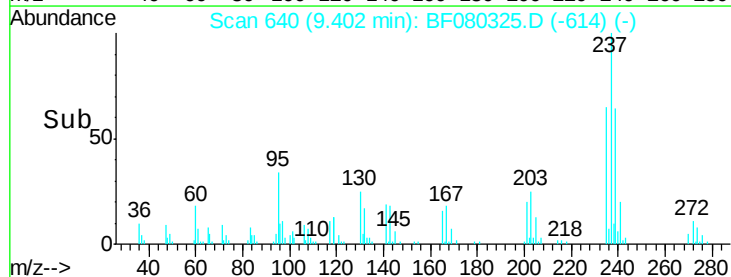
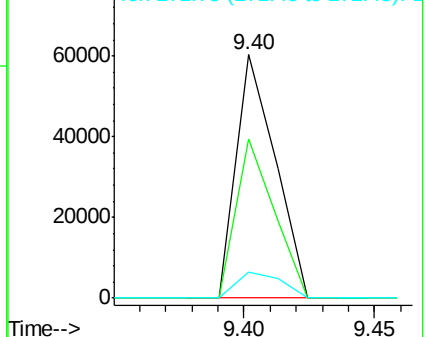
272 10.8 0.0 31.8

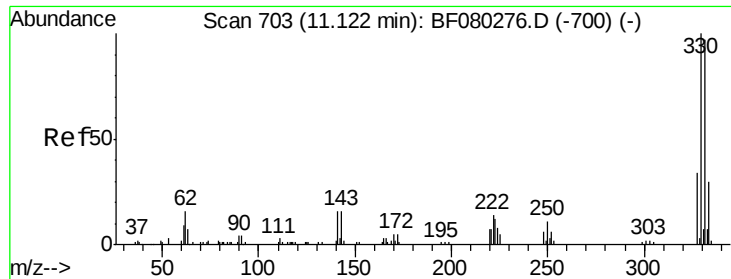


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





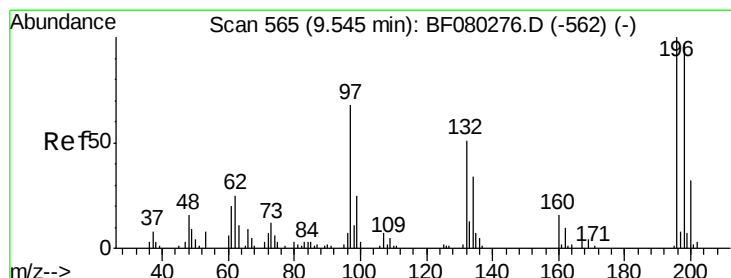
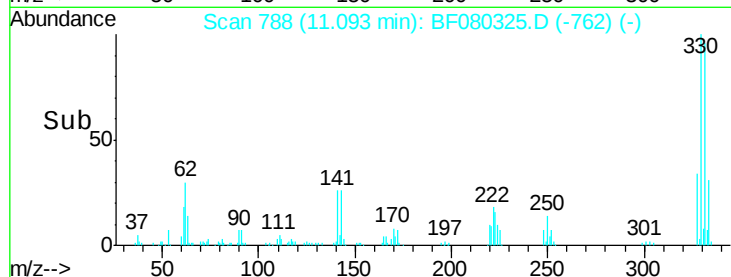
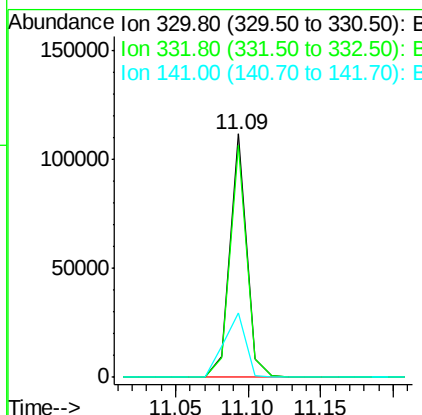
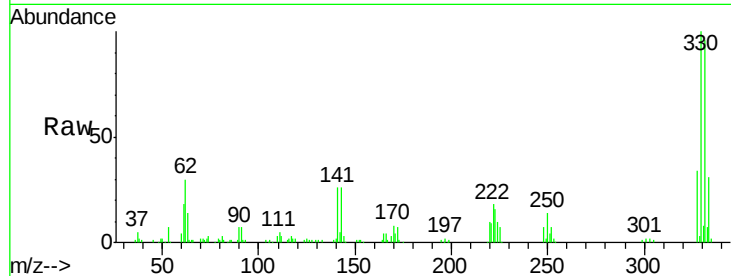
#41  
 2,4,6-Tribromophenol  
 Concen: 156.68 ng  
 RT: 11.09 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 89805 |       |       |
| 332     | 95.8  | 77.4  | 116.2 |       |
| 141     | 33.9  | 28.0  | 42.0  |       |

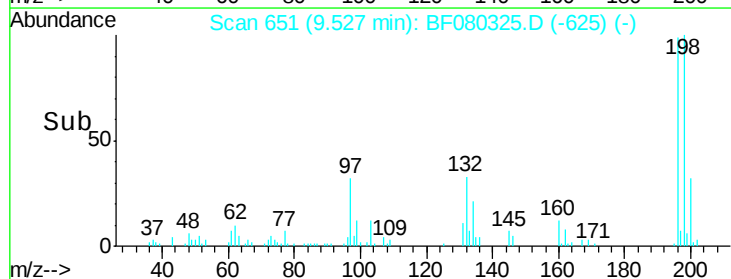
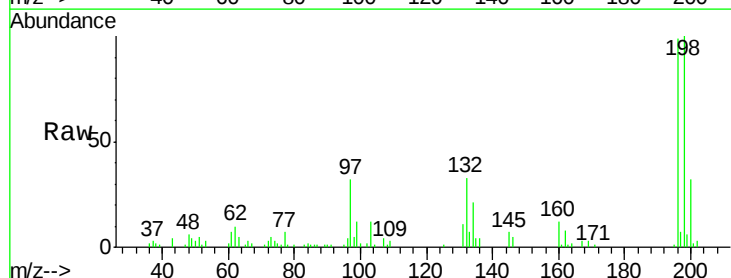
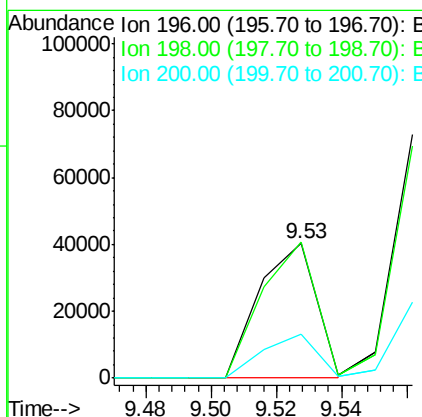
Manual Integrations  
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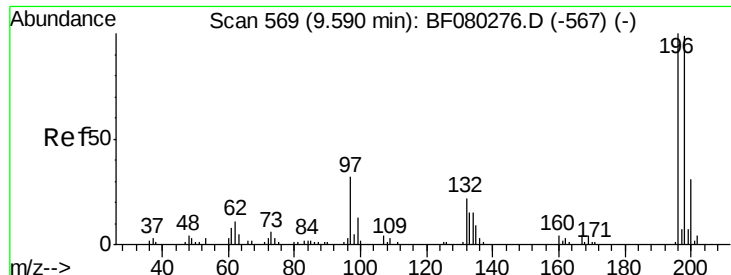
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 38.49 ng  
 RT: 9.53 min Scan# 651  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

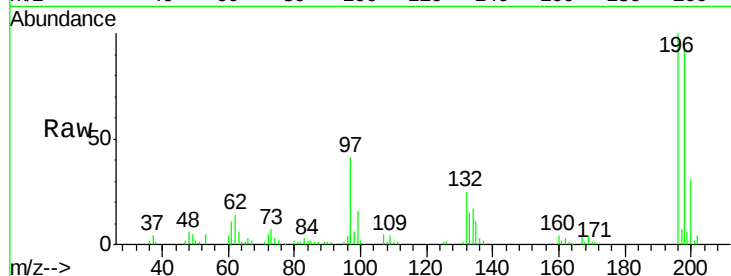
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 48811 |       |       |
| 198     | 101.2 | 77.7  | 116.5 |       |
| 200     | 32.6  | 25.6  | 38.4  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 44.14 ng  
 RT: 9.56 min Scan# 654  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

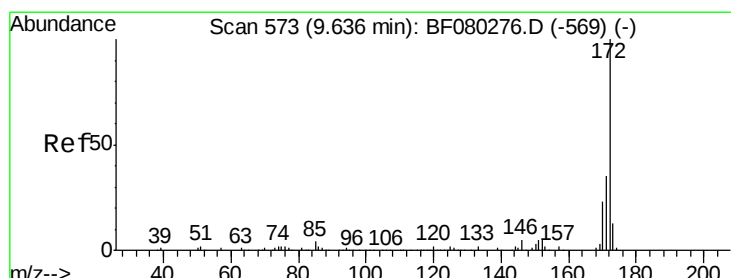
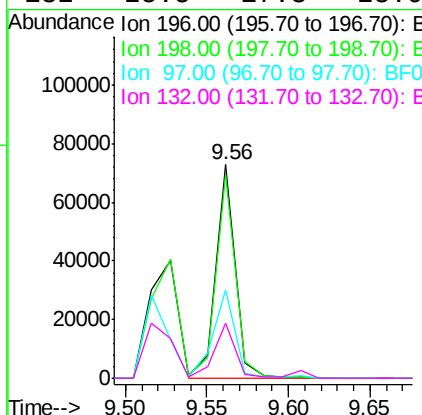
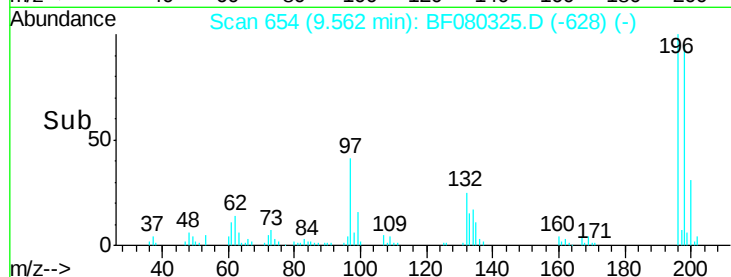
Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 60299 |       |       |
| 198     | 95.1  | 79.4  | 119.2 |       |
| 97      | 41.5  | 25.9  | 38.9  |       |
| 132     | 25.5  | 17.3  | 25.9  |       |

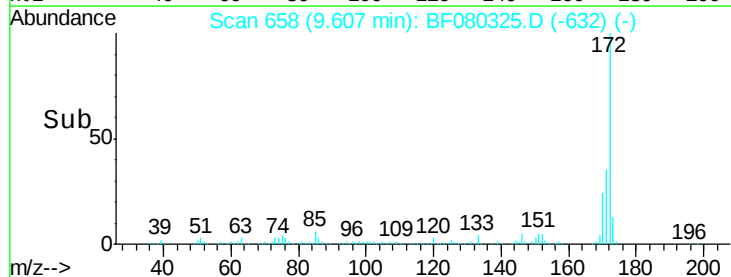
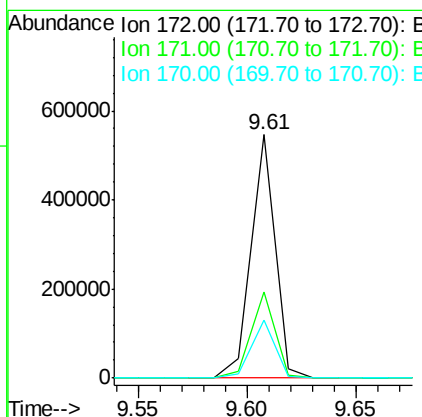
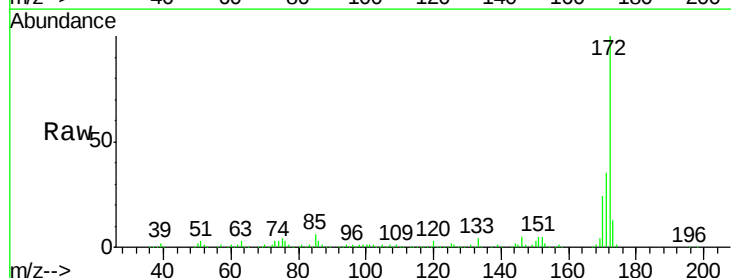
Manual Integrations  
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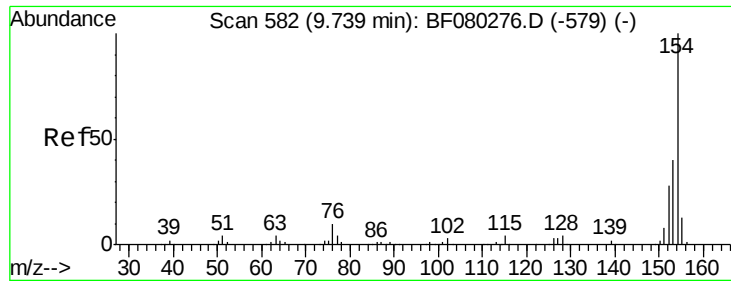
apatel  
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#44  
 2-Fluorobiphenyl  
 Concen: 100.45 ng  
 RT: 9.61 min Scan# 658  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

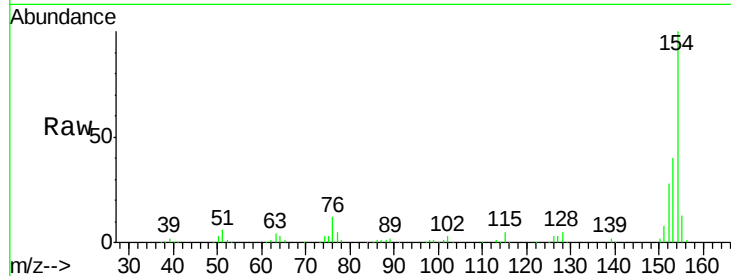
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 420116 |       |       |
| 171     | 35.2  | 28.1   | 42.1  |       |
| 170     | 23.6  | 18.6   | 28.0  |       |





#45  
 1,1'-Biphenyl  
 Concen: 44.67 ng  
 RT: 9.71 min Scan# 667  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

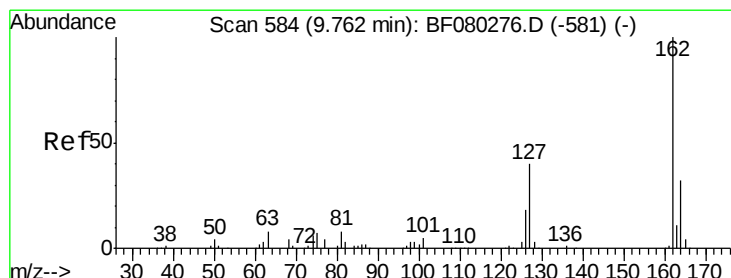
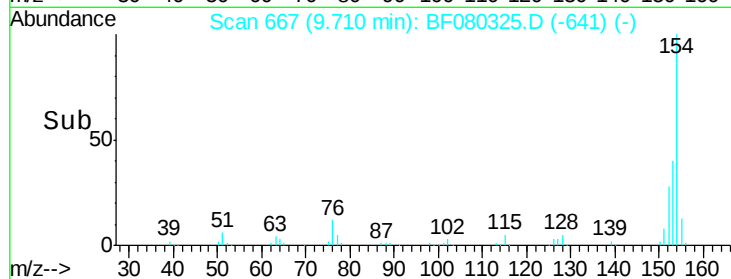
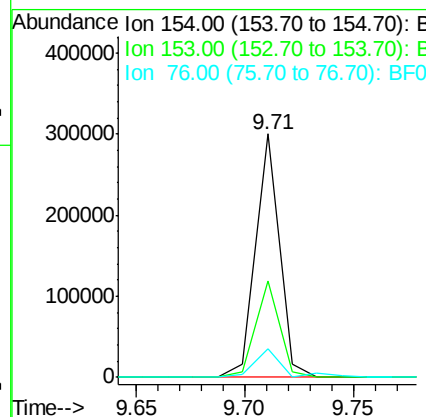
Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 39.8  | 20.3       | 60.3       |
| 76      | 11.9  | 0.0        | 30.3       |

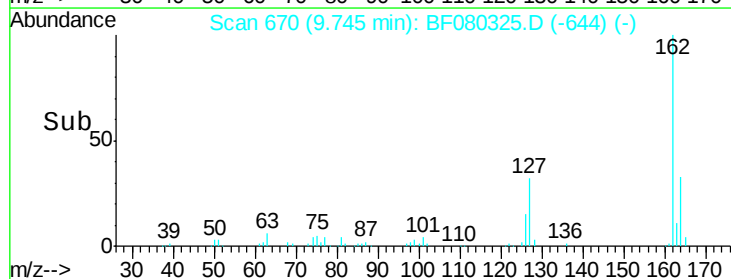
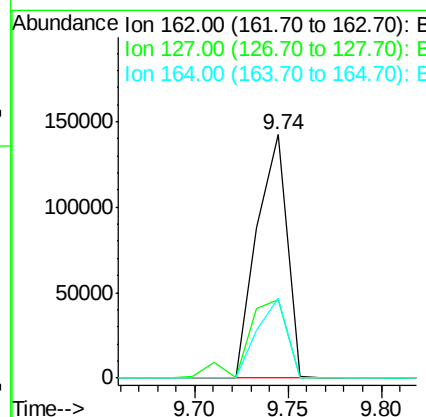
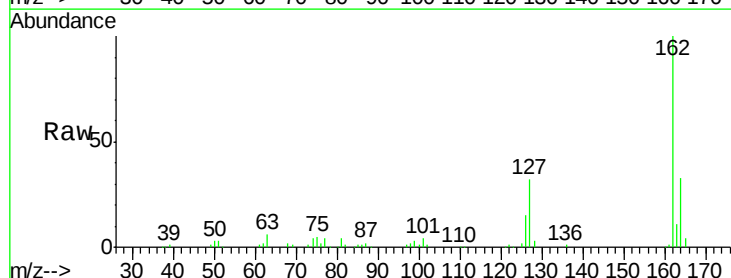
Manual Integrations  
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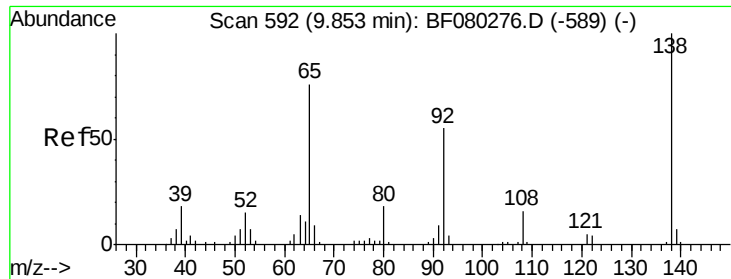
apatel  
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#46  
 2-Chloronaphthalene  
 Concen: 40.17 ng  
 RT: 9.74 min Scan# 670  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 32.3  | 33.4       | 50.0#      |
| 164     | 32.8  | 25.3       | 37.9       |





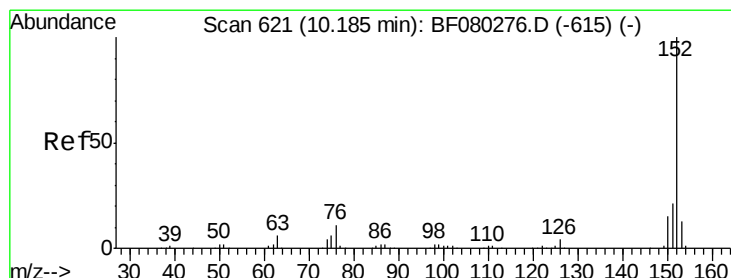
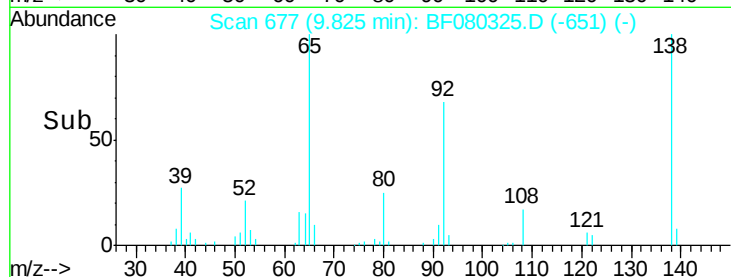
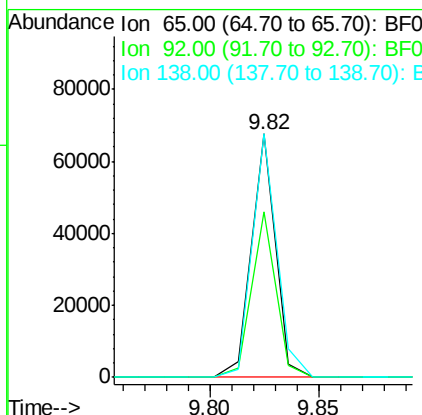
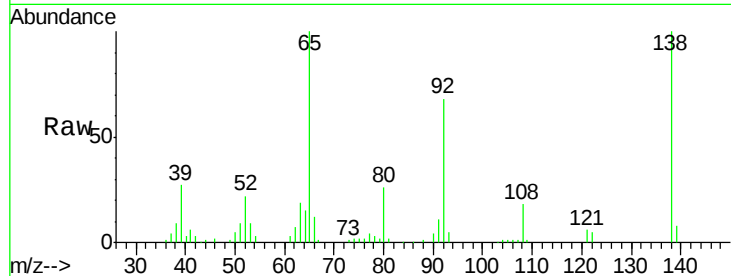
#47  
2-Nitroaniline  
Concen: 45.68 ng  
RT: 9.82 min Scan# 677  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

Tgt Ion: 65 Resp: 52061  
Ion Ratio Lower Upper  
65 100  
92 68.1 58.0 87.0  
138 99.9 104.8 157.2#

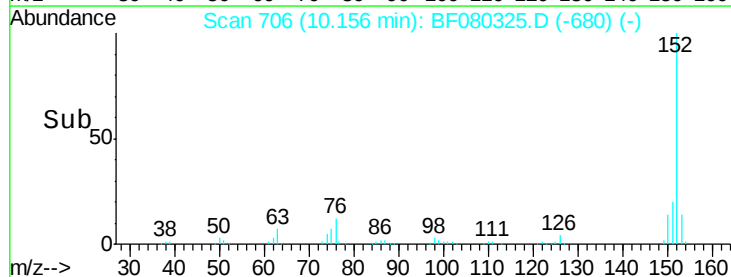
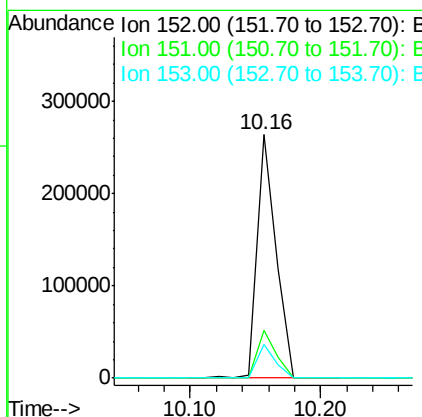
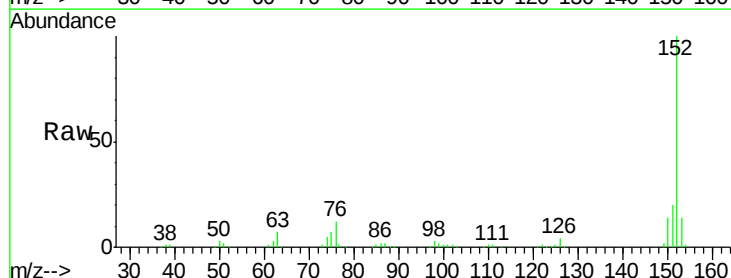
Manual Integrations  
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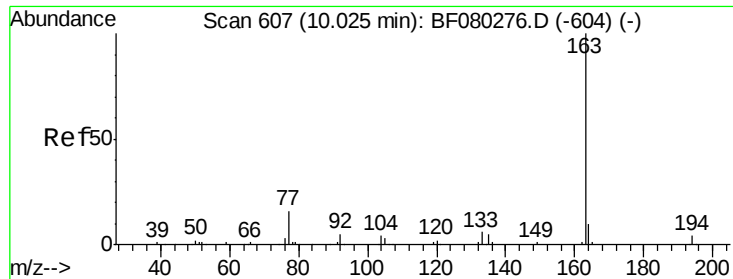
apatel  
7/6/2015 3:40:54 PM



#48  
Acenaphthylene  
Concen: 38.72 ng  
RT: 10.16 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Tgt Ion: 152 Resp: 266405  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.7 25.1  
153 13.6 10.7 16.1





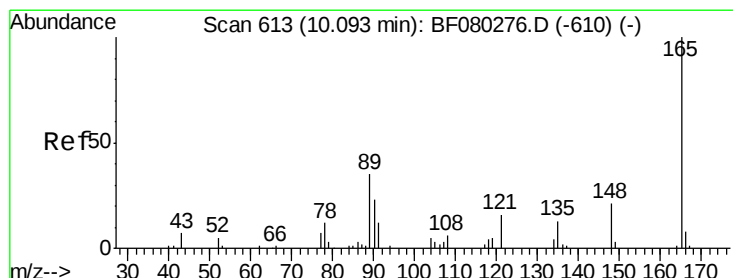
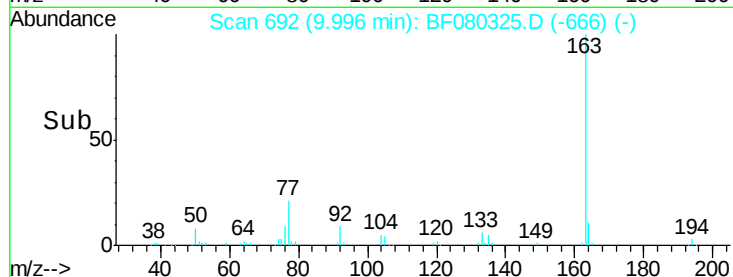
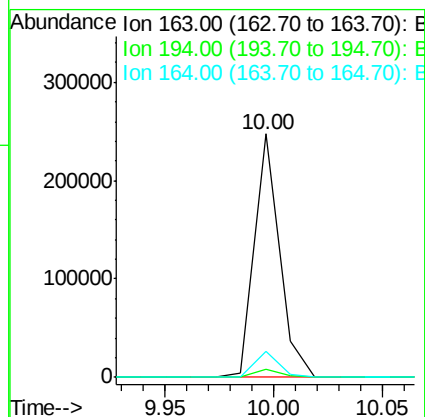
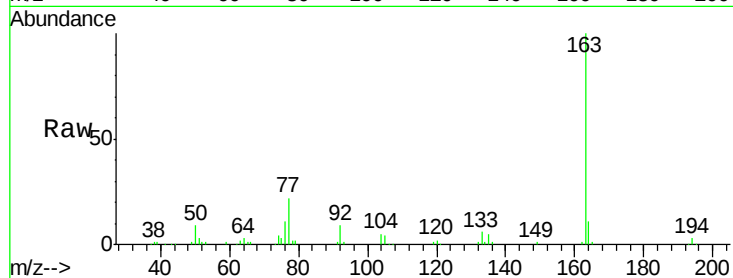
#49  
Dimethylphthalate  
Concen: 43.20 ng  
RT: 10.00 min Scan# 692  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.2   | 3.0        | 4.4        |
| 164     | 10.7  | 7.9        | 11.9       |

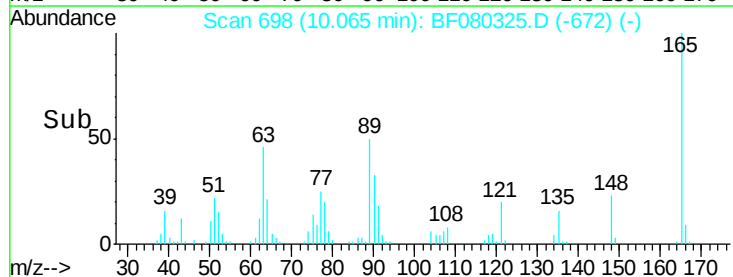
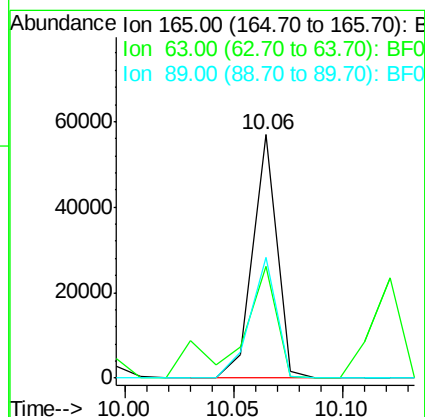
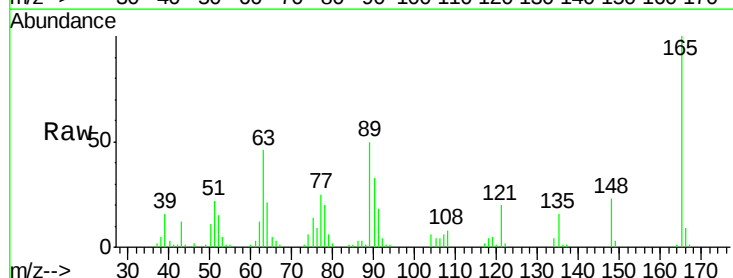
Manual Integrations  
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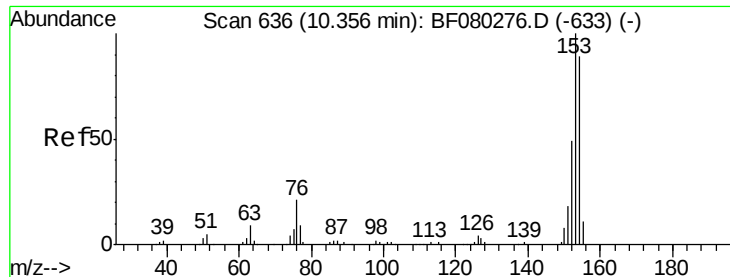
apatel  
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#50  
2,6-Dinitrotoluene  
Concen: 46.74 ng  
RT: 10.06 min Scan# 698  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 46.1  | 23.4       | 35.0#      |
| 89      | 49.6  | 27.7       | 41.5#      |





#51

Acenaphthene

Concen: 43.86 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

ClientSampleId :

IDOC-01-S-UM

Tgt Ion:154 Resp: 173762

Ion Ratio Lower Upper

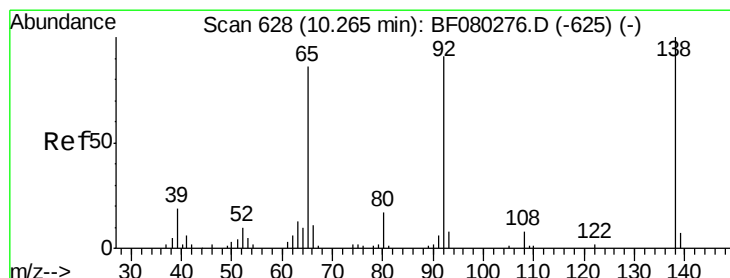
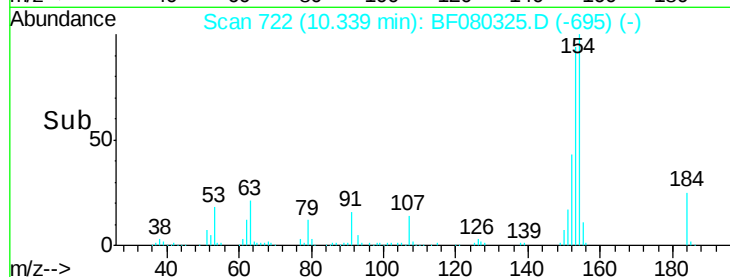
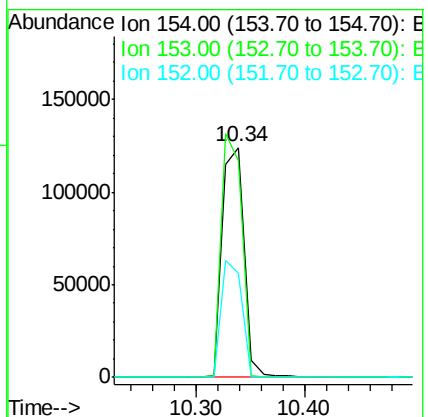
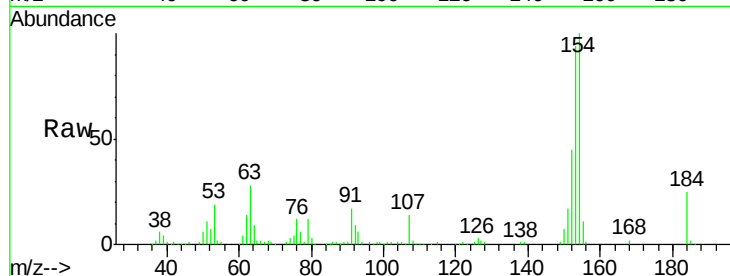
154 100

153 94.4 90.4 135.6

152 45.1 43.9 65.9

Manual Integrations  
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apatel  
7/6/2015 3:40:54 PM



#52

3-Nitroaniline

Concen: 33.33 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

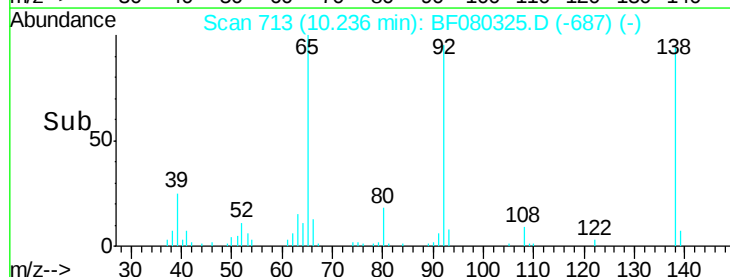
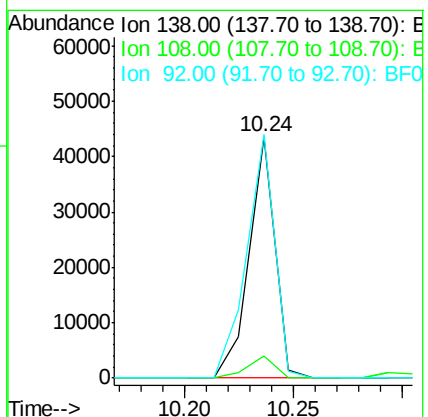
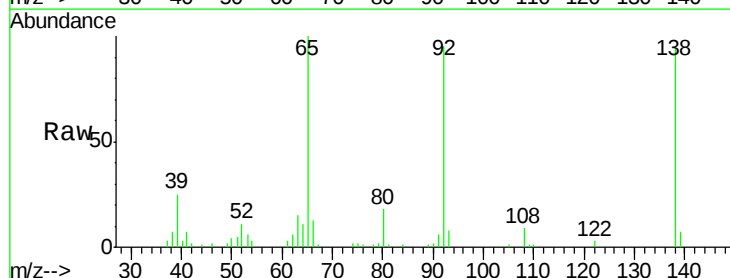
Tgt Ion:138 Resp: 35943

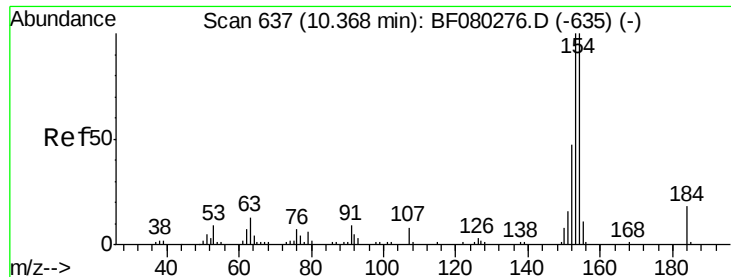
Ion Ratio Lower Upper

138 100

108 9.1 6.7 10.1

92 101.0 72.6 109.0





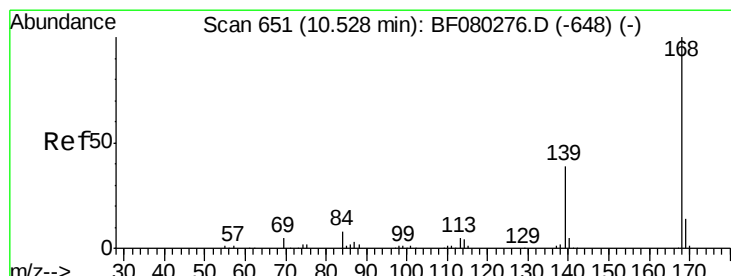
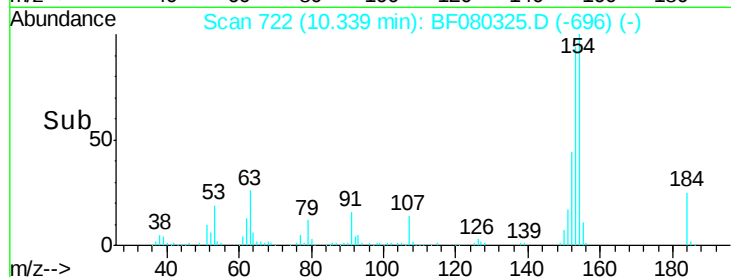
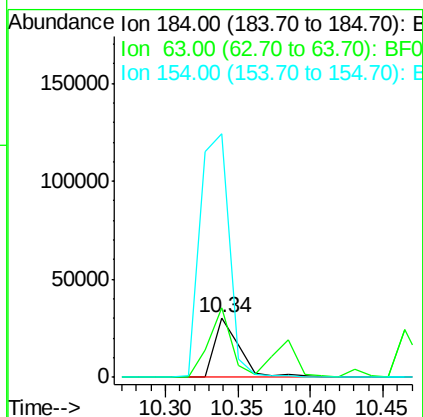
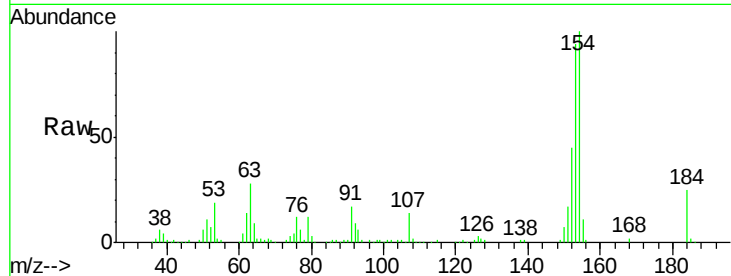
#53  
2,4-Dinitrophenol  
Concen: 88.90 ng  
RT: 10.34 min Scan# 722  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

Tgt Ion:184 Resp: 36268  
Ion Ratio Lower Upper  
184 100  
63 115.6 65.0 97.6#  
154 407.1 473.1 709.7#

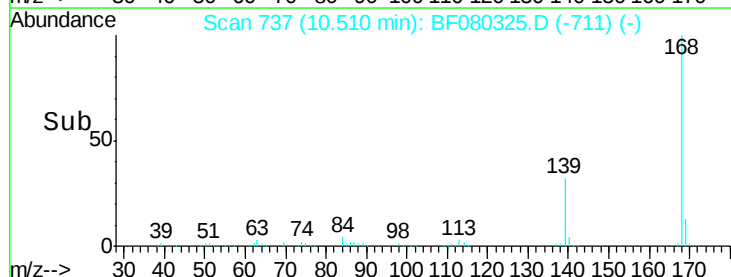
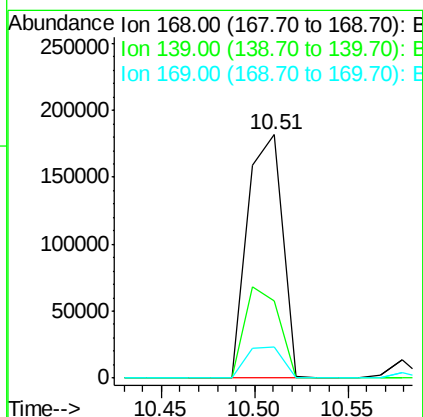
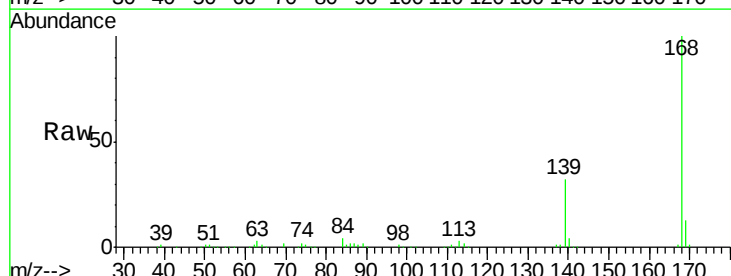
Manual Integrations  
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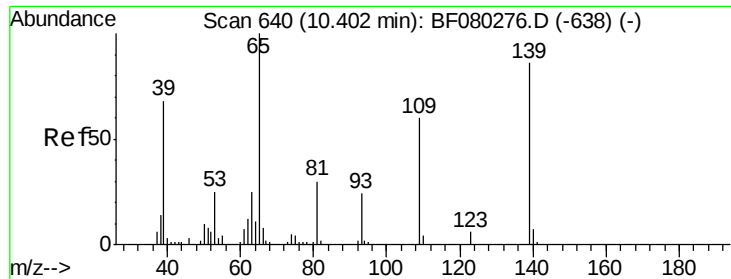
apatel  
7/6/2015 3:40:54 PM



#54  
Dibenzofuran  
Concen: 42.12 ng  
RT: 10.51 min Scan# 737  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Tgt Ion:168 Resp: 235502  
Ion Ratio Lower Upper  
168 100  
139 31.8 31.5 47.3  
169 13.0 11.0 16.4





#55

4-Nitrophenol

Concen: 96.13 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF080325.D

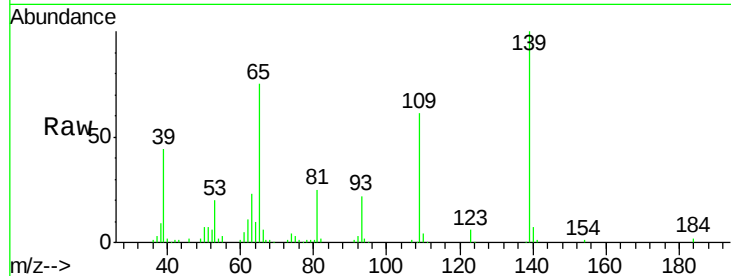
Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

ClientSampleId :

IDOC-01-S-UM



Tgt Ion:139 Resp: 76618

Ion Ratio Lower Upper

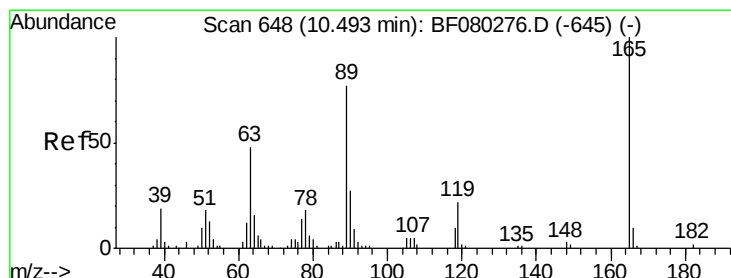
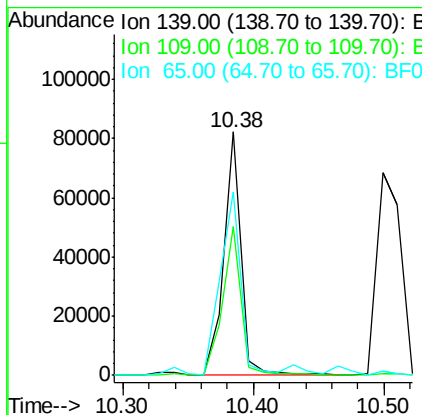
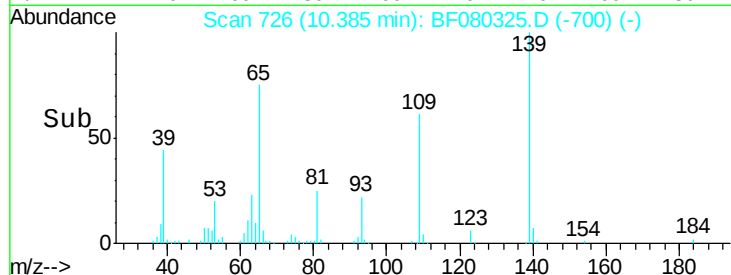
139 100

109 61.2 50.2 90.2

65 75.3 96.7 136.7#

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apatel  
7/6/2015 3:40:54 PM



#56

2,4-Dinitrotoluene

Concen: 42.55 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Tgt Ion:165 Resp: 51869

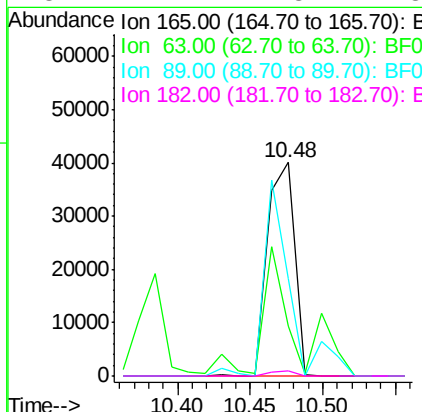
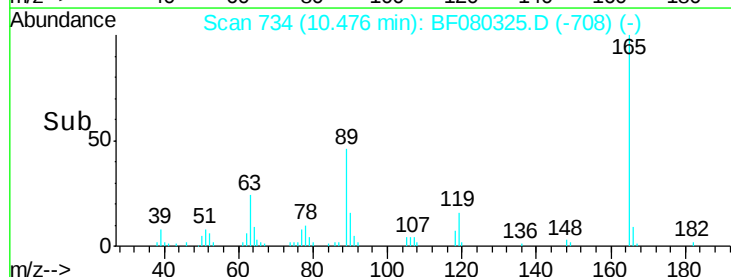
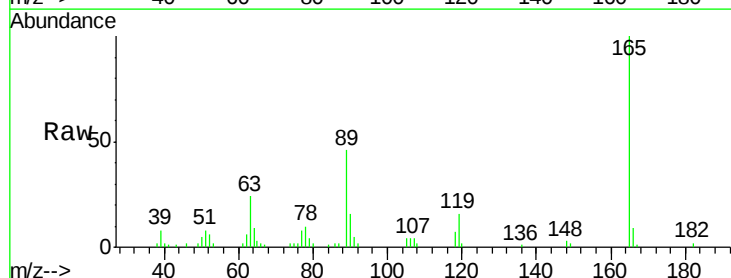
Ion Ratio Lower Upper

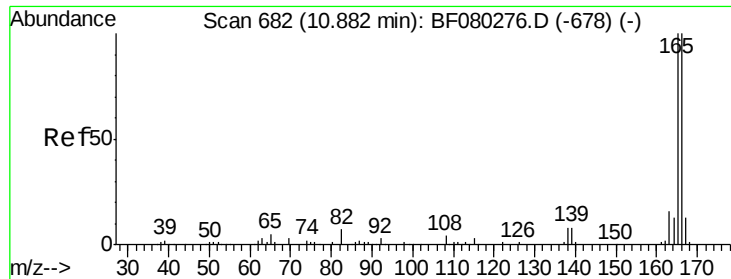
165 100

63 23.6 38.7 58.1#

89 45.6 62.0 93.0#

182 2.4 1.8 2.8





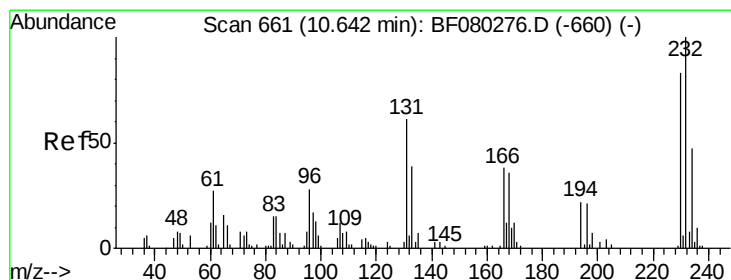
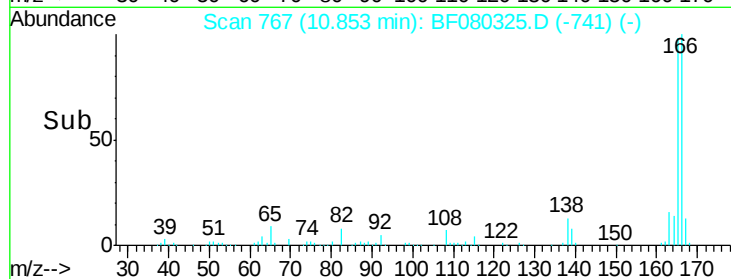
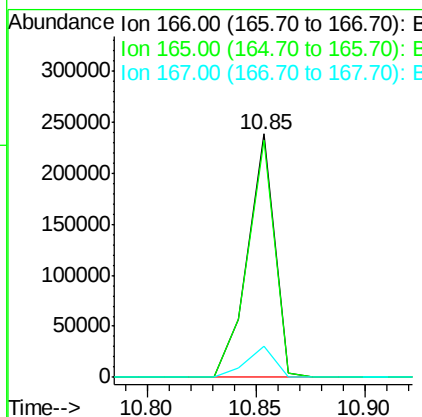
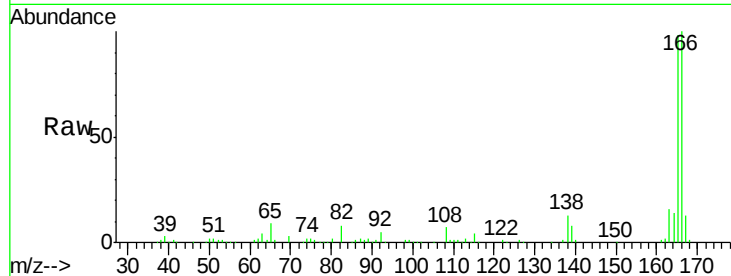
#57  
**Fluorene**  
 Concen: 44.36 ng  
 RT: 10.85 min Scan# 767  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 205736 |       |       |
| 165     | 97.6  | 79.9   | 119.9 |       |
| 167     | 12.7  | 10.3   | 15.5  |       |

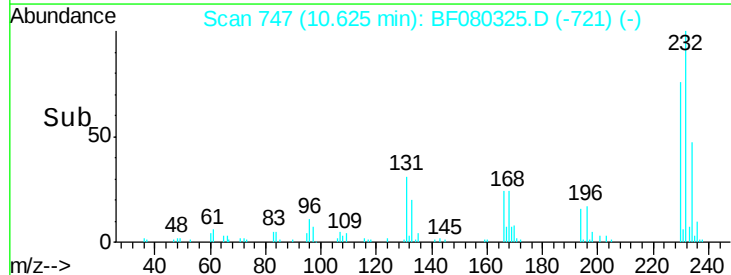
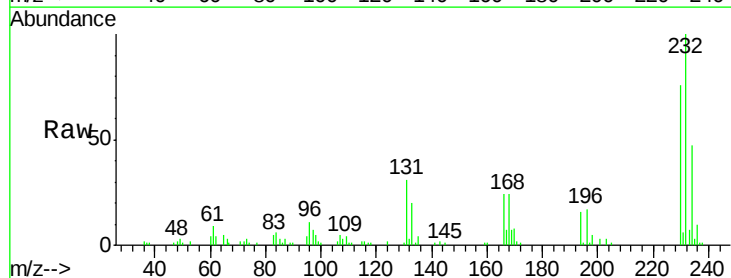
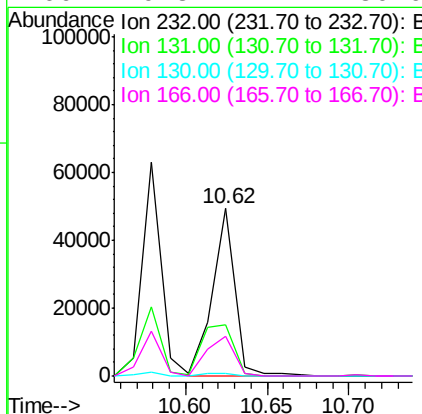
Manual Integrations  
 APPROVED

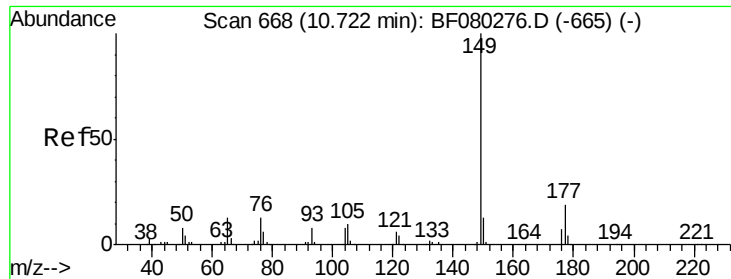
apatel  
 7/6/2015 3:40:54 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 44.81 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 47709 |       |       |
| 131     | 43.6  | 37.0  | 55.6  |       |
| 130     | 1.9   | 1.5   | 2.3   |       |
| 166     | 29.3  | 24.4  | 36.6  |       |





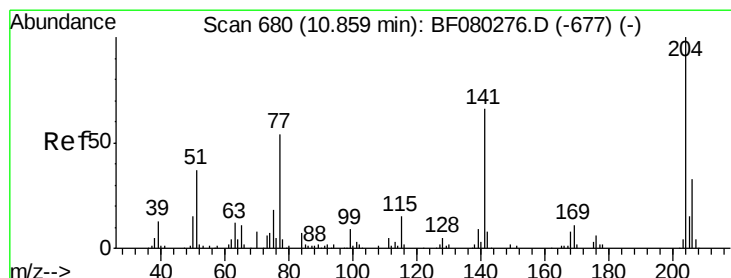
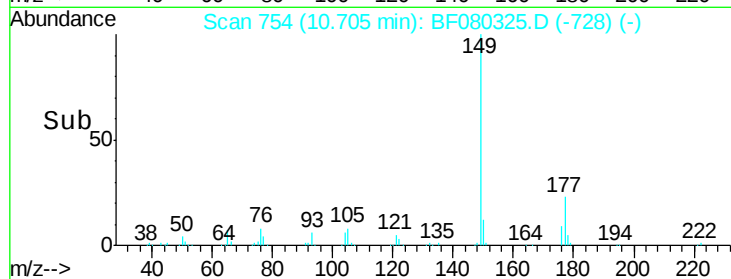
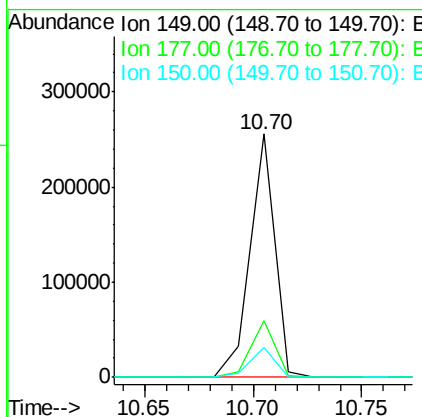
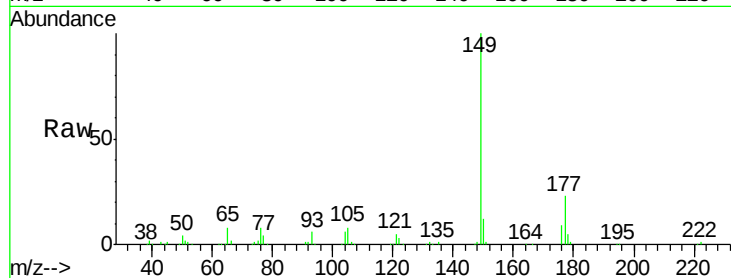
#59  
Diethylphthalate  
Concen: 46.17 ng  
RT: 10.70 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 201792 |       |       |
| 177     | 23.2  | 15.4   | 23.0# |       |
| 150     | 12.5  | 10.5   | 15.7  |       |

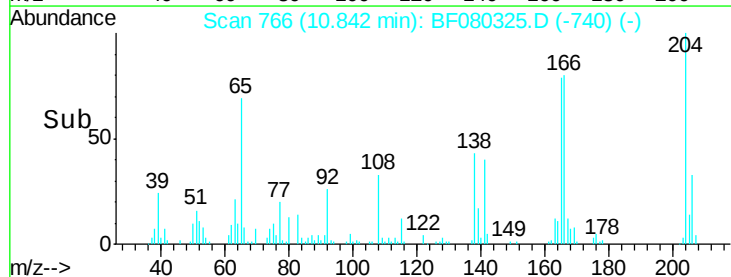
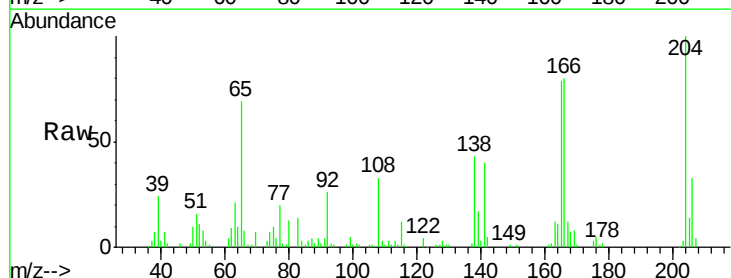
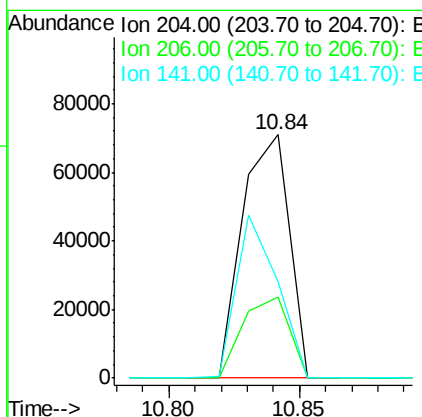
Manual Integrations  
APPROVED

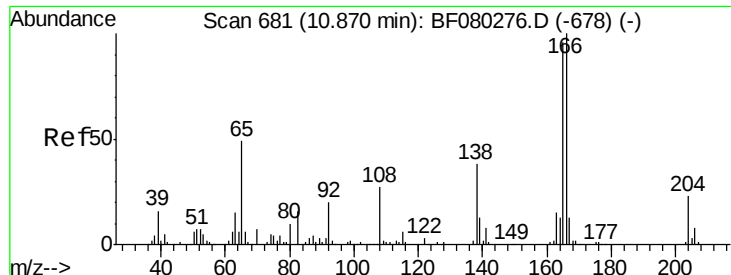
apatel  
7/6/2015 3:40:54 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.64 ng  
RT: 10.84 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 89428 |       |       |
| 206     | 33.4  | 26.5  | 39.7  |       |
| 141     | 39.9  | 52.5  | 78.7# |       |





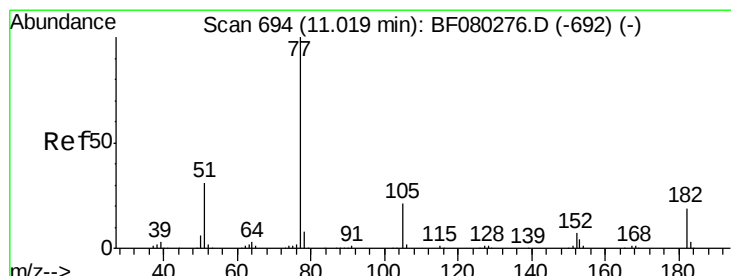
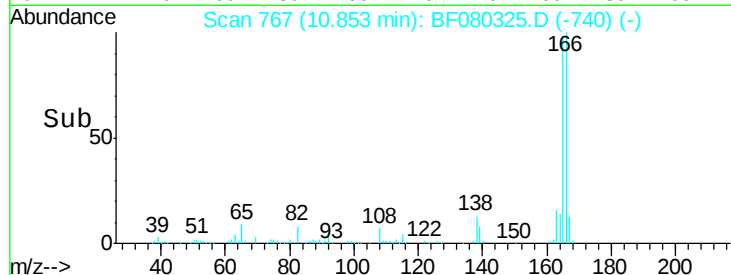
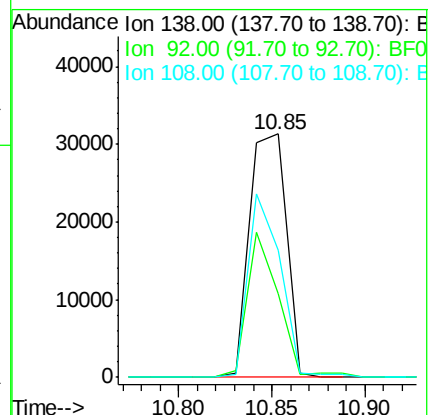
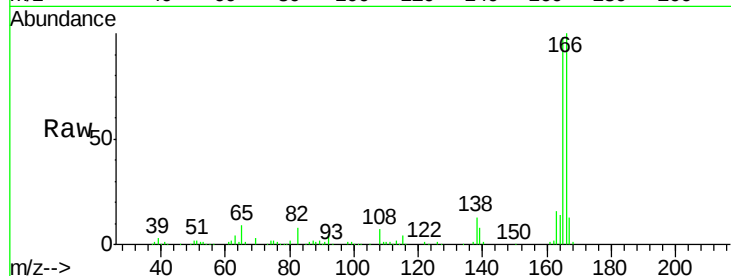
#61  
 4-Nitroaniline  
 Concen: 39.24 ng  
 RT: 10.85 min Scan# 767  
 Delta R.T. 0.01 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 43000 |       |       |
| 92      | 34.6  | 32.7  | 72.7  |       |
| 108     | 52.0  | 49.6  | 89.6  |       |

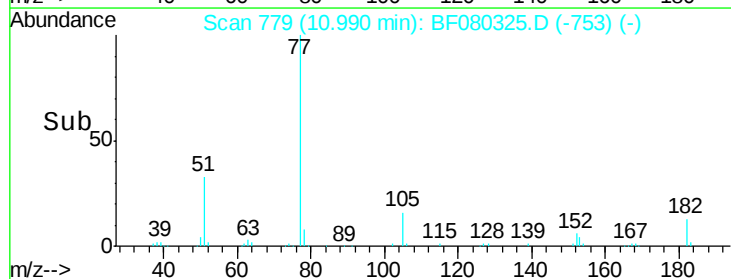
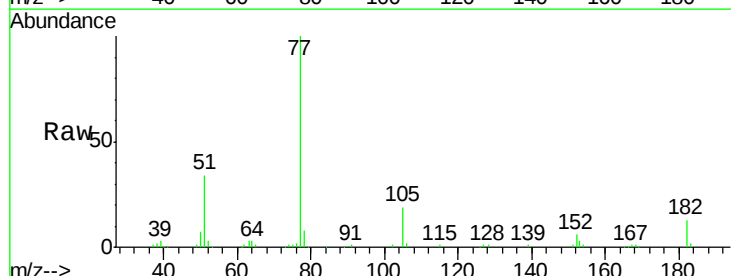
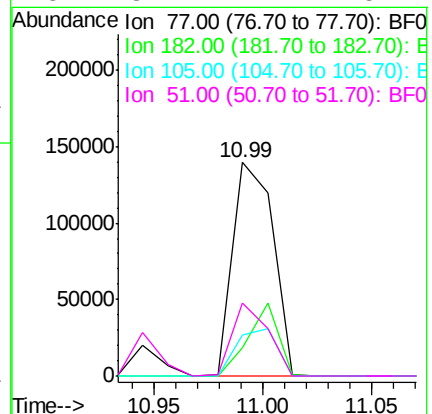
Manual Integrations  
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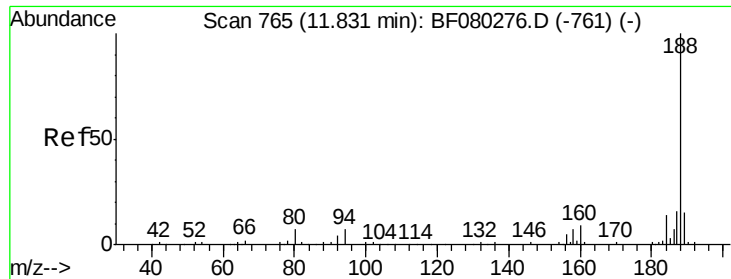
apatel  
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#62  
 Azobenzene  
 Concen: 39.85 ng  
 RT: 10.99 min Scan# 779  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 179153 |       |       |
| 182     | 12.9  | 0.0    | 38.9  |       |
| 105     | 19.3  | 1.3    | 41.3  |       |
| 51      | 34.1  | 11.1   | 51.1  |       |





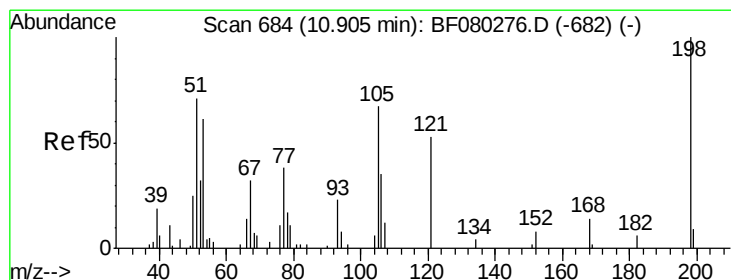
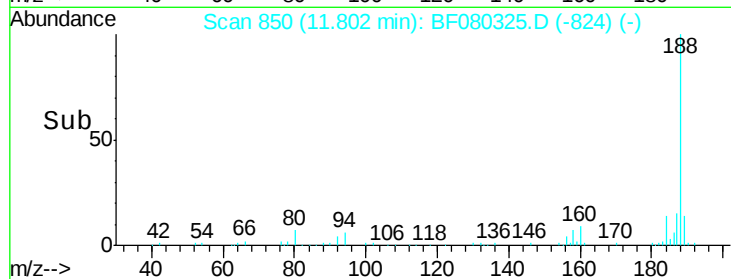
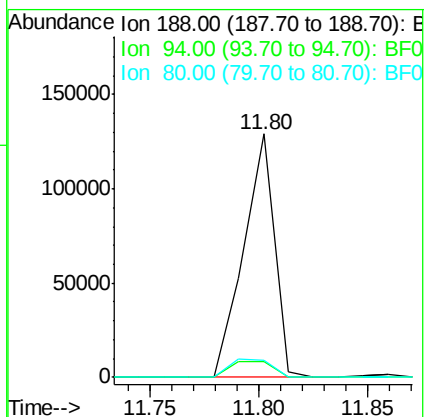
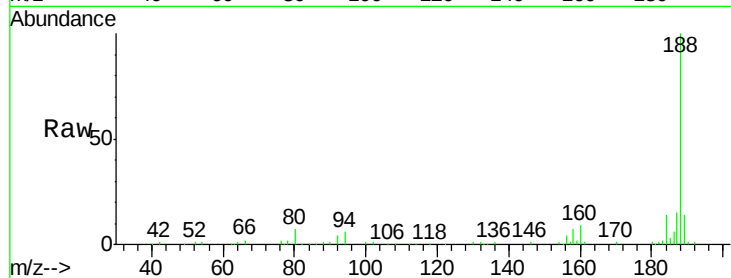
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.80 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 6.4   | 5.4        | 8.0        |
| 80      | 7.1   | 5.8        | 8.6        |

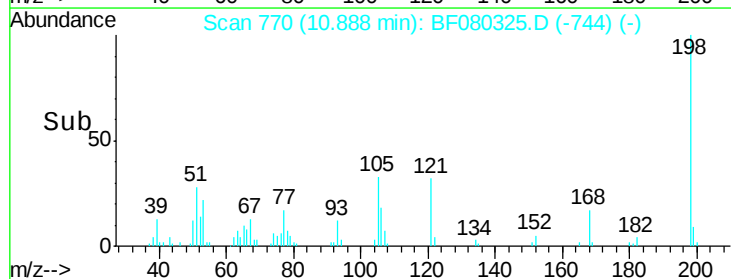
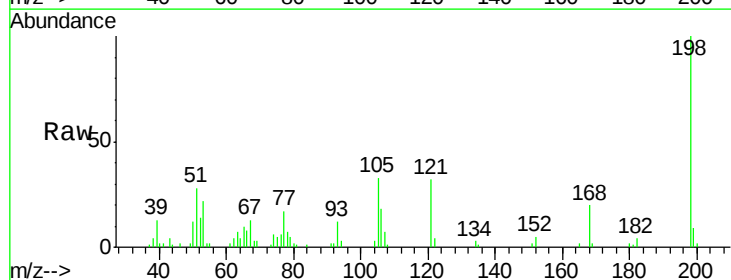
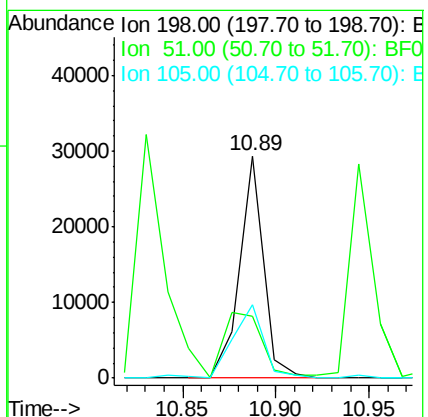
Manual Integrations  
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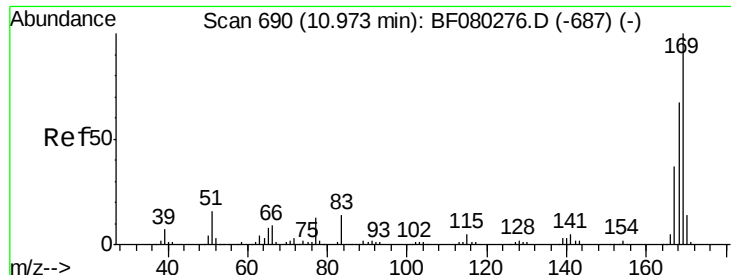
apatel  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 48.53 ng  
RT: 10.89 min Scan# 770  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 27.8  | 63.7       | 103.7#     |
| 105     | 32.8  | 46.9       | 86.9#      |





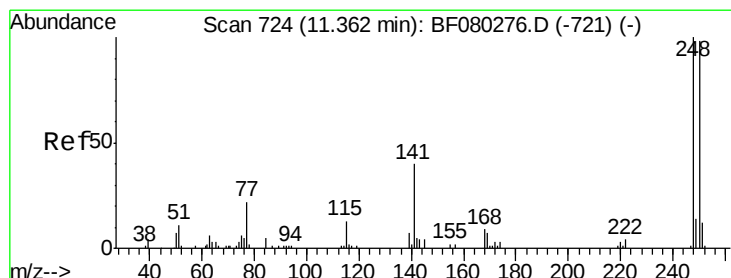
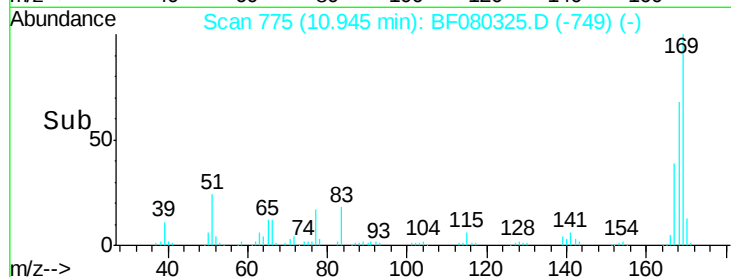
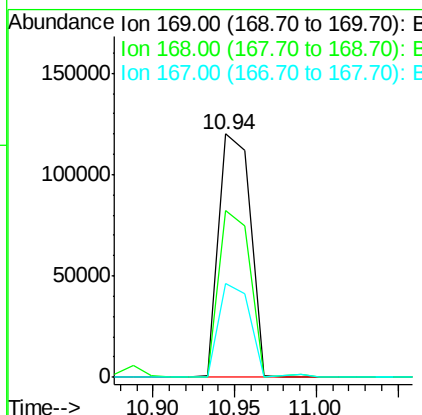
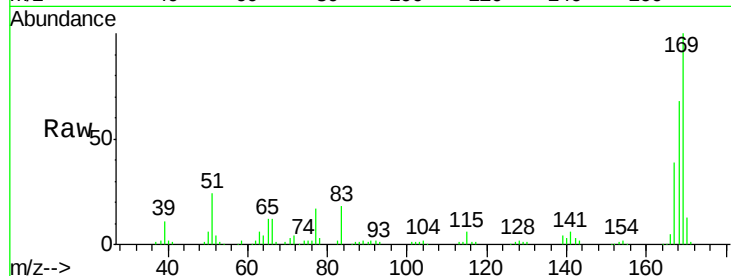
#65  
 n-Nitrosodiphenylamine  
 Concen: 38.34 ng  
 RT: 10.94 min Scan# 775  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 159992 |       |       |
| 168     | 68.4  | 53.6   | 80.4  |       |
| 167     | 38.6  | 29.9   | 44.9  |       |

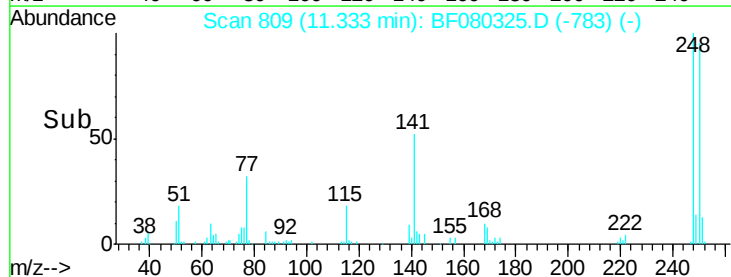
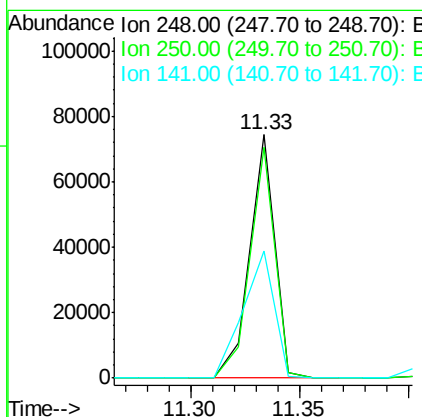
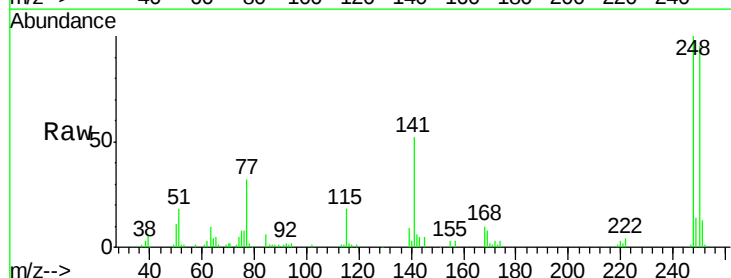
Manual Integrations  
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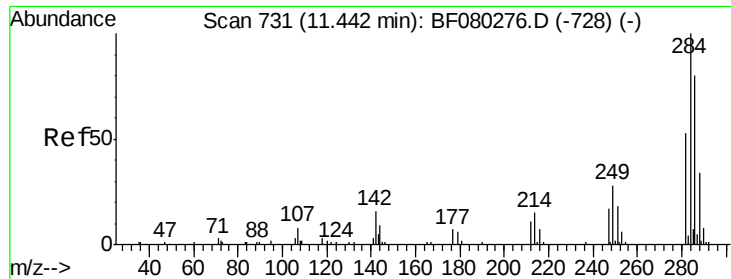
apatel  
 7/6/2015 3:40:54 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.44 ng  
 RT: 11.33 min Scan# 809  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 59616 |       |       |
| 250     | 94.6  | 78.2  | 117.4 |       |
| 141     | 52.0  | 31.9  | 47.9  |       |





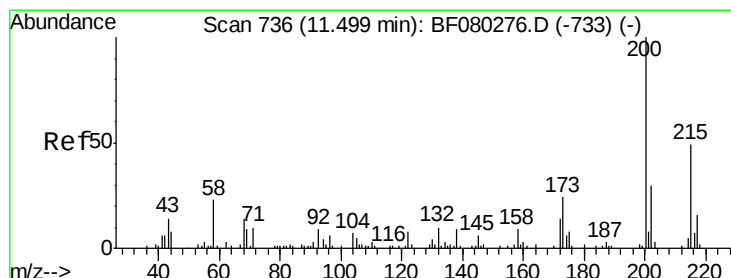
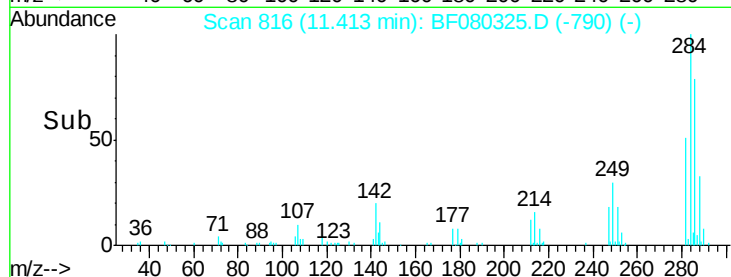
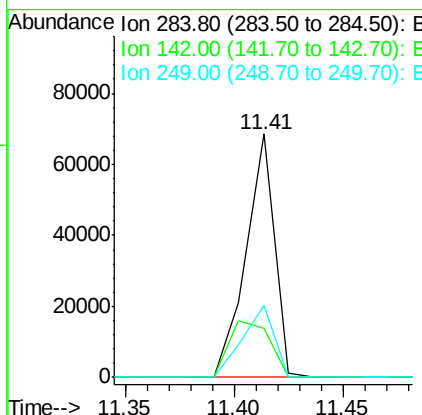
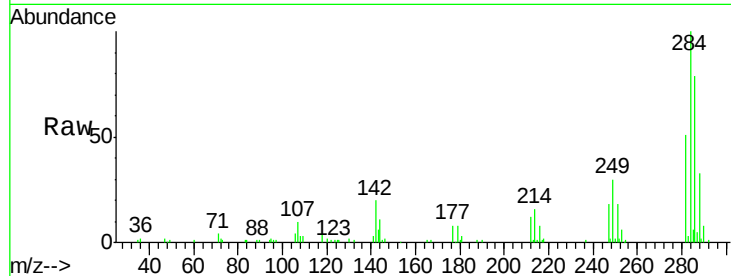
#67  
Hexachlorobenzene  
Concen: 42.32 ng  
RT: 11.41 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 62250 |       |       |
| 142     | 20.1  | 12.5  | 18.7  | #     |
| 249     | 29.6  | 22.4  | 33.6  |       |

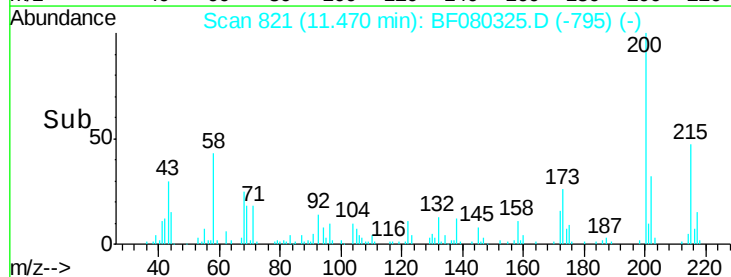
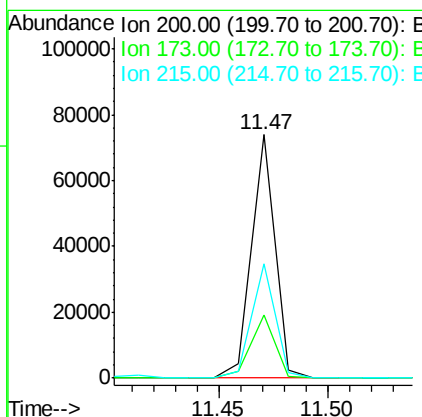
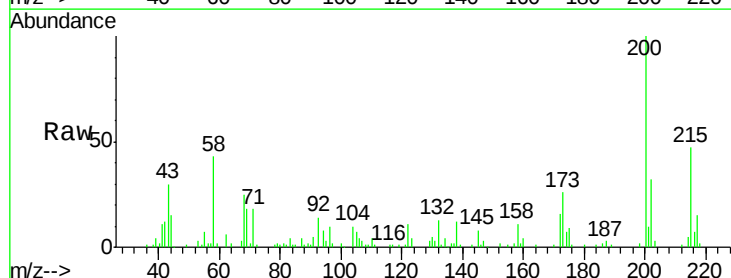
Manual Integrations  
APPROVED

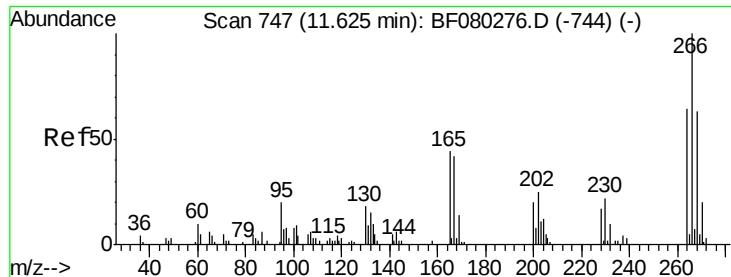
apatel  
7/6/2015 3:40:54 PM



#68  
Atrazine  
Concen: 44.08 ng  
RT: 11.47 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 55603 |       |       |
| 173     | 25.7  | 3.5   | 43.5  |       |
| 215     | 47.0  | 28.6  | 68.6  |       |





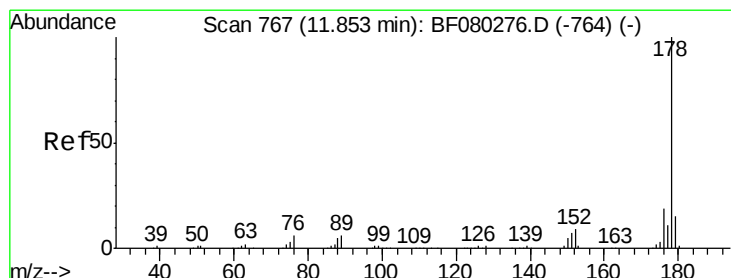
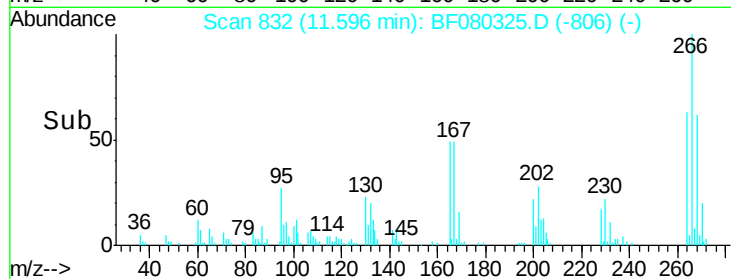
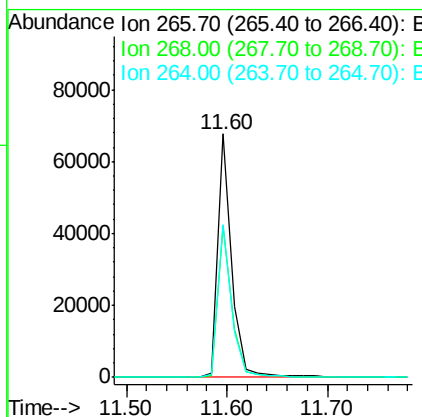
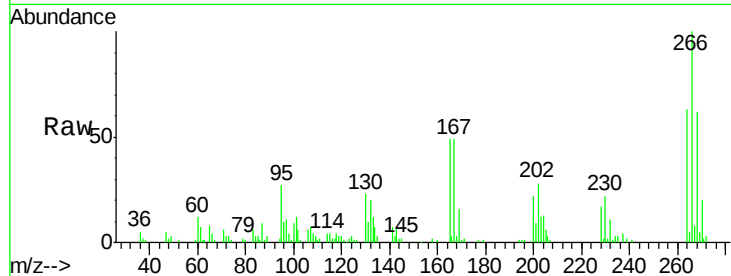
#69  
 Pentachlorophenol  
 Concen: 81.11 ng  
 RT: 11.60 min Scan# 832  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.0  | 50.7  | 76.1  |
| 264     | 62.8  | 51.3  | 76.9  |

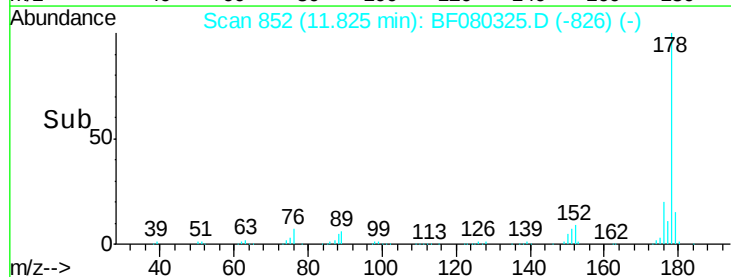
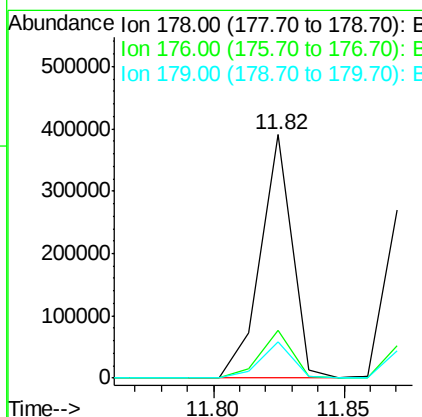
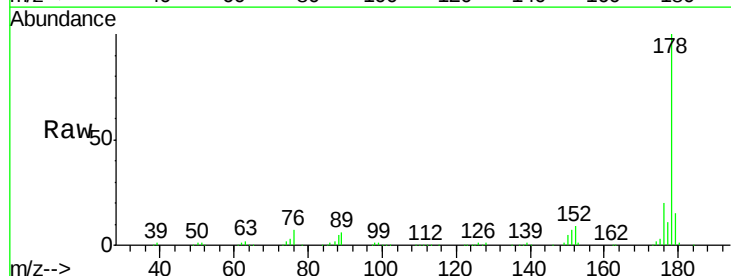
Manual Integrations  
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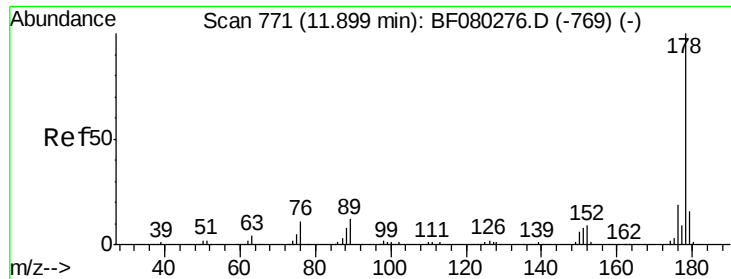
apatel  
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#70  
 Phenanthrene  
 Concen: 43.01 ng  
 RT: 11.82 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.6  | 23.4  |
| 179     | 14.8  | 12.2  | 18.2  |





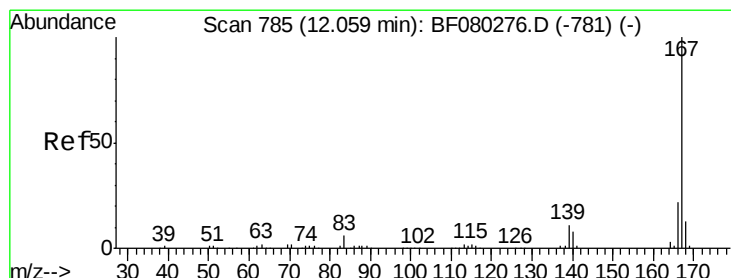
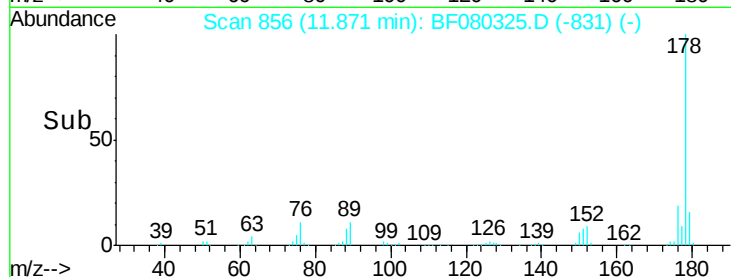
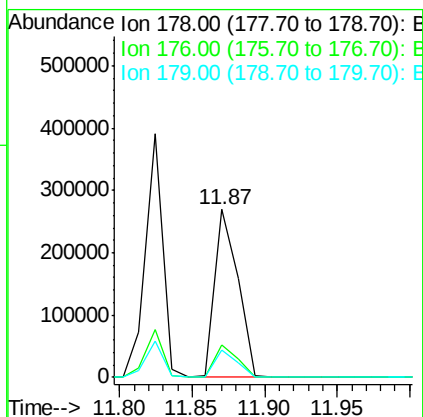
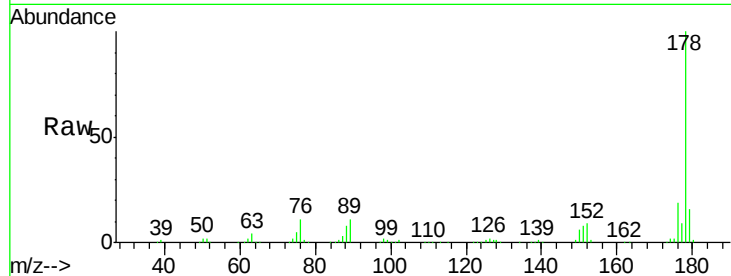
#71  
 Anthracene  
 Concen: 41.13 ng  
 RT: 11.87 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.2  | 22.8  |
| 179     | 16.0  | 12.6  | 18.8  |

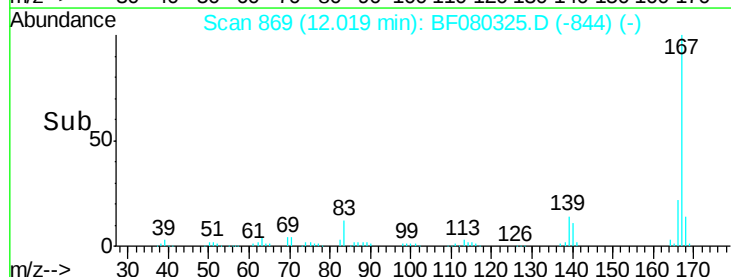
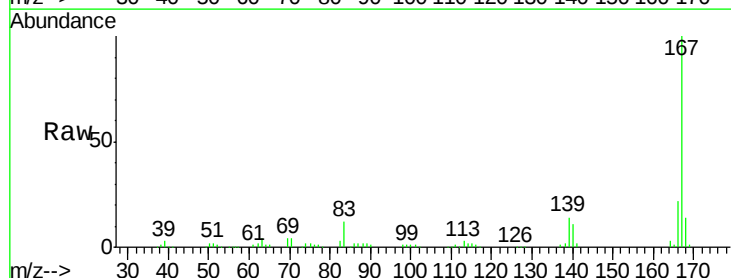
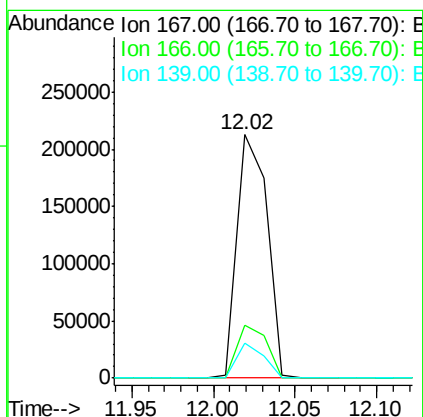
Manual Integrations  
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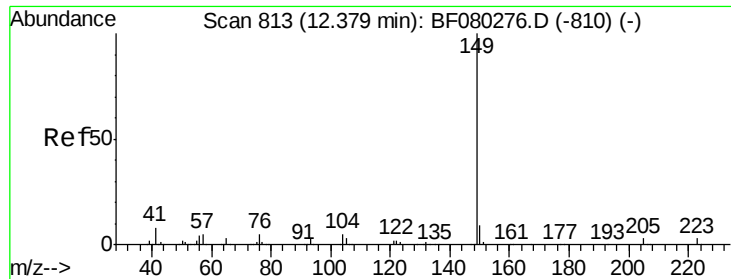
apatel  
 7/6/2015 3:40:54 PM



#72  
 Carbazole  
 Concen: 39.42 ng  
 RT: 12.02 min Scan# 869  
 Delta R.T. -0.01 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.3  | 25.9  |
| 139     | 14.1  | 8.6   | 13.0  |





#73

Di-n-butylphthalate

Concen: 44.12 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

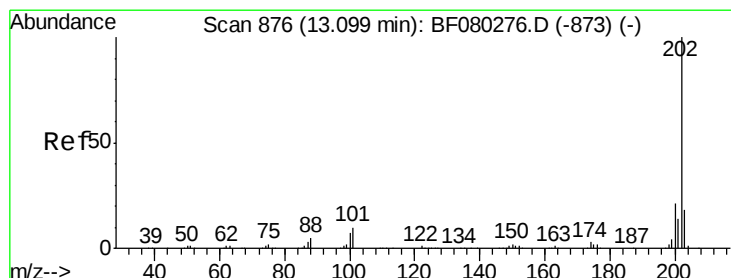
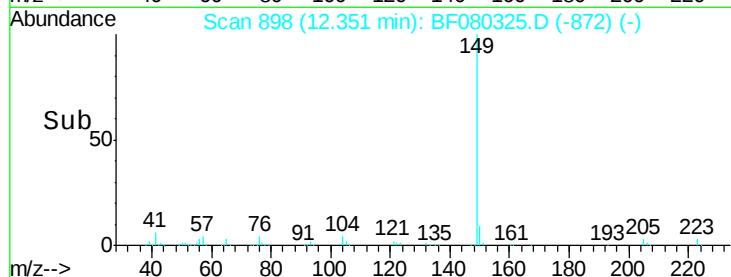
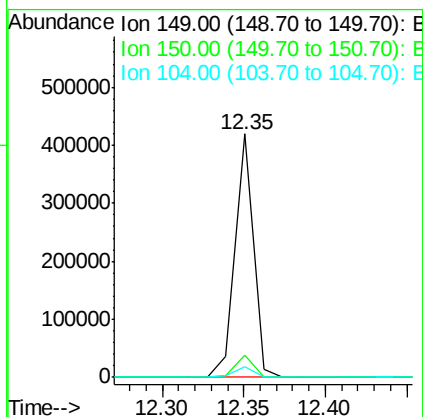
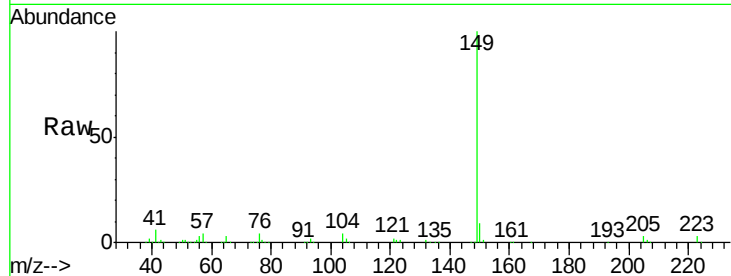
ClientSampleId :

IDOC-01-S-UM

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:149 | Resp: | 323163 |
| Ion | Ratio   | Lower | Upper  |
| 149 | 100     |       |        |
| 150 | 9.1     | 7.4   | 11.0   |
| 104 | 4.2     | 3.7   | 5.5    |

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#74

Fluoranthene

Concen: 41.10 ng

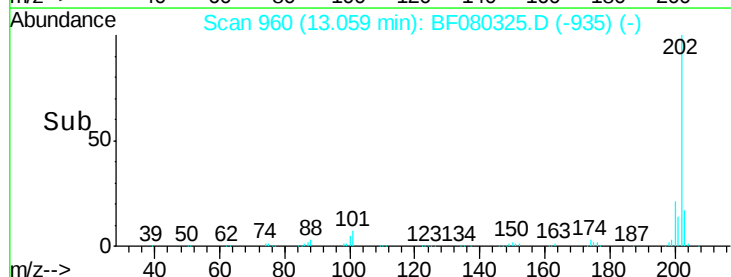
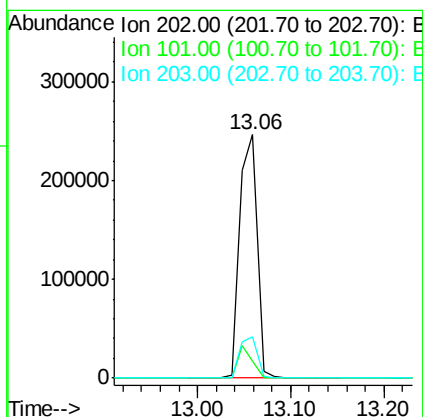
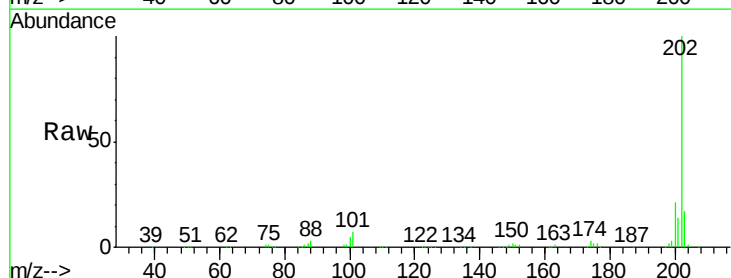
RT: 13.06 min Scan# 960

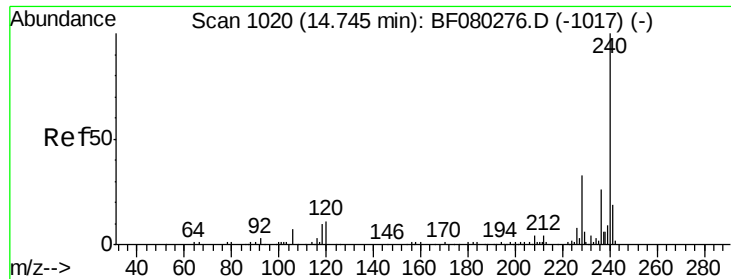
Delta R.T. -0.01 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:202 | Resp: | 323103 |
| Ion | Ratio   | Lower | Upper  |
| 202 | 100     |       |        |
| 101 | 6.8     | 0.0   | 30.4   |
| 203 | 17.1    | 0.0   | 37.5   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.67 min Scan# 1101

Delta R.T. -0.05 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

Instrument :

BNA\_F

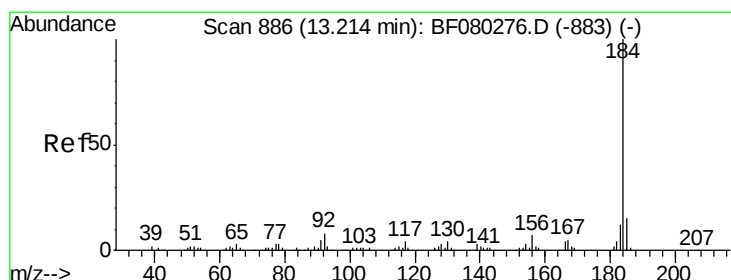
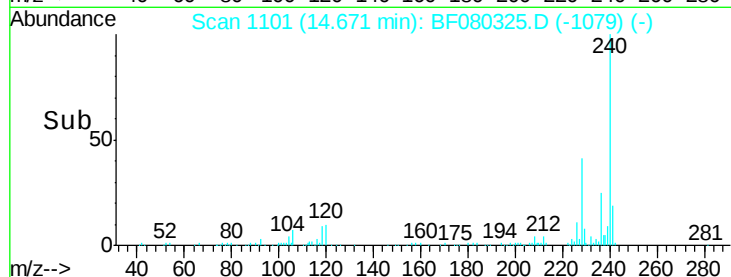
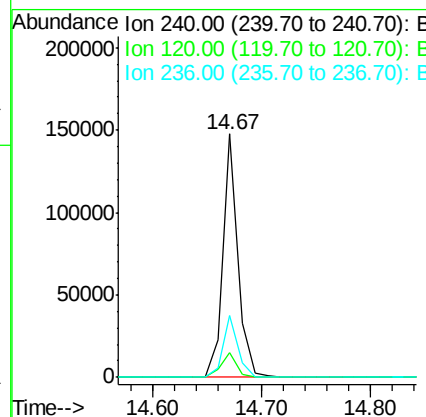
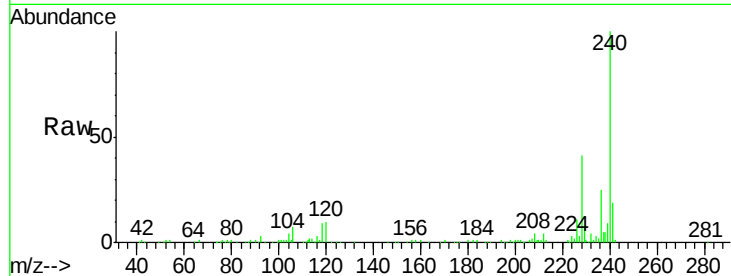
ClientSampleId :

IDOC-01-S-UM

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 142735 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.0  | 8.7   | 13.1   |
| 236       | 25.4  | 20.9  | 31.3   |

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#76

Benzidine

Concen: 35.80 ng

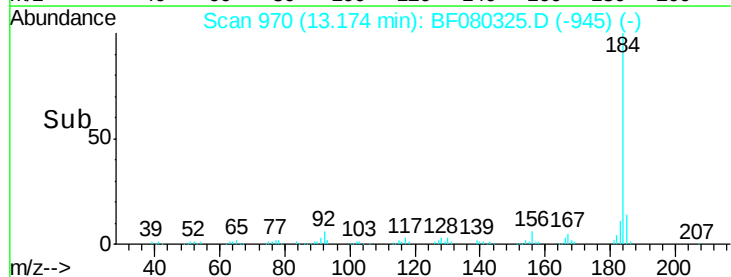
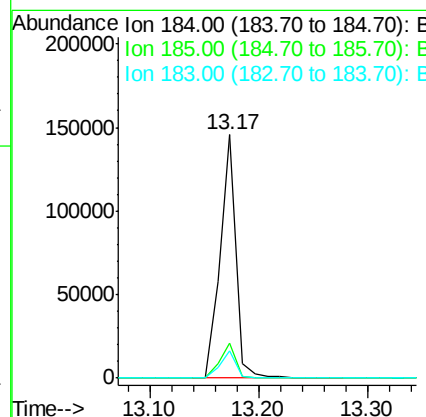
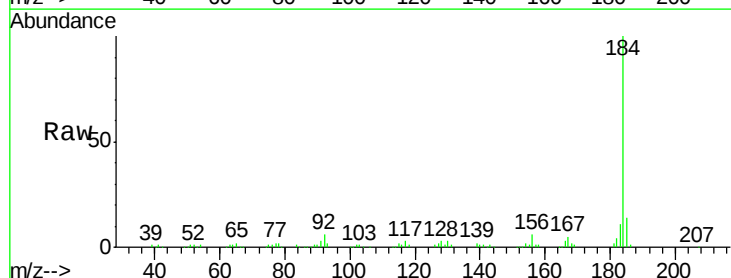
RT: 13.17 min Scan# 970

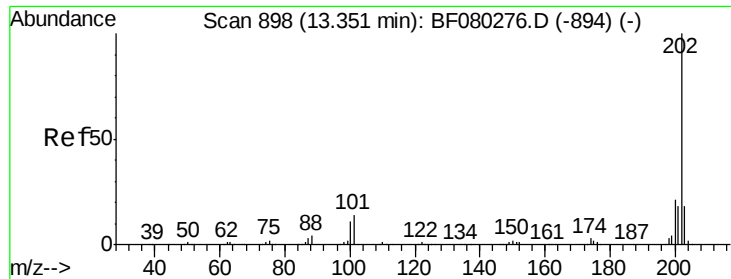
Delta R.T. -0.01 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 149648 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.3  | 11.8  | 17.6   |
| 183       | 11.2  | 9.4   | 14.0   |





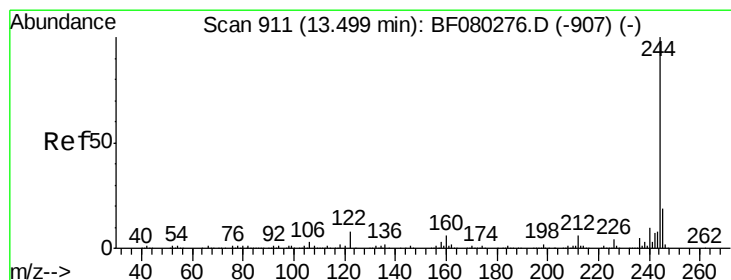
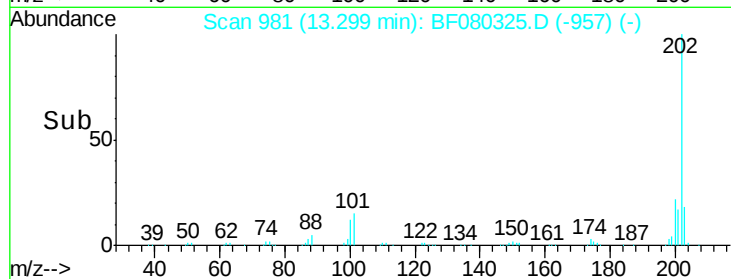
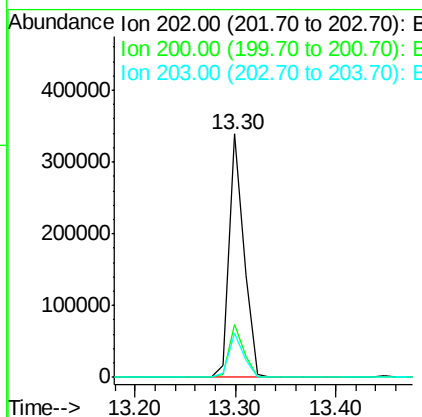
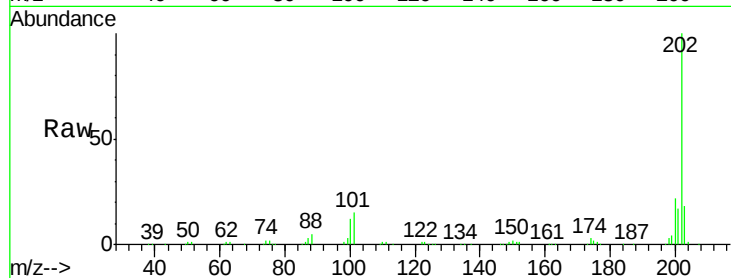
#77  
 Pyrene  
 Concen: 37.94 ng  
 RT: 13.30 min Scan# 981  
 Delta R.T. -0.02 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.9  | 17.0       | 25.6       |
| 203     | 17.9  | 14.0       | 21.0       |

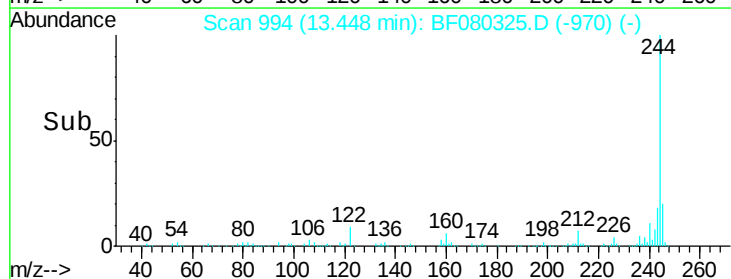
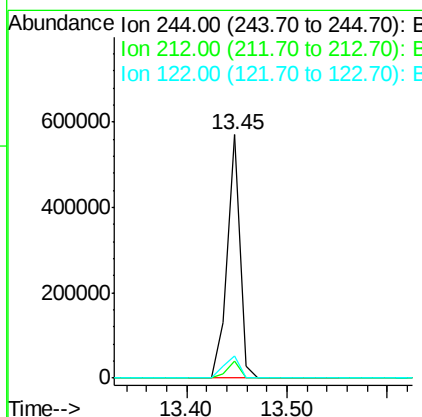
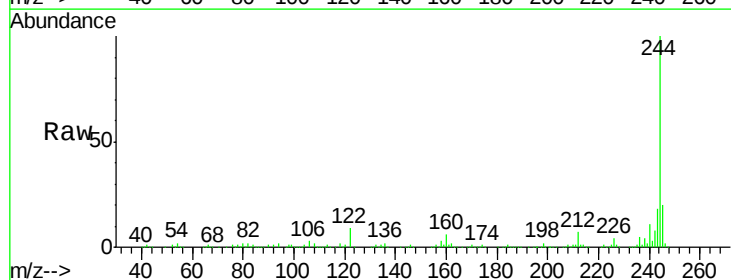
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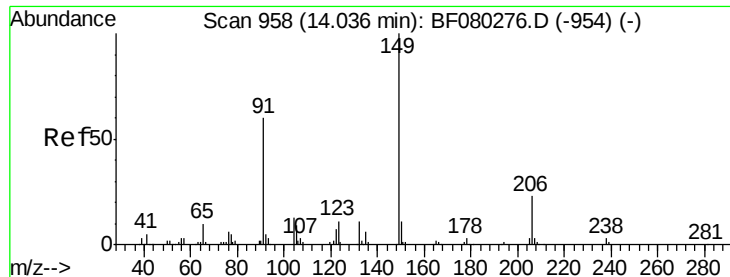
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#78  
 Terphenyl-d14  
 Concen: 82.85 ng  
 RT: 13.45 min Scan# 994  
 Delta R.T. -0.02 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 6.9   | 5.0        | 7.6        |
| 122     | 9.2   | 6.6        | 9.8        |





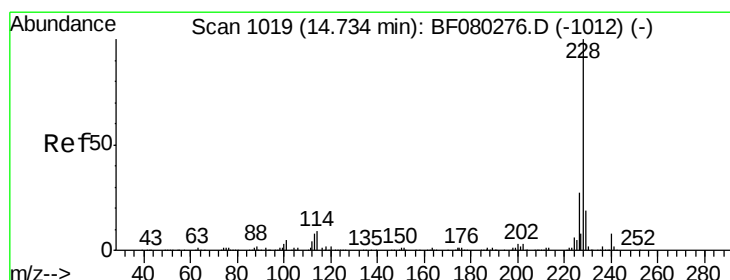
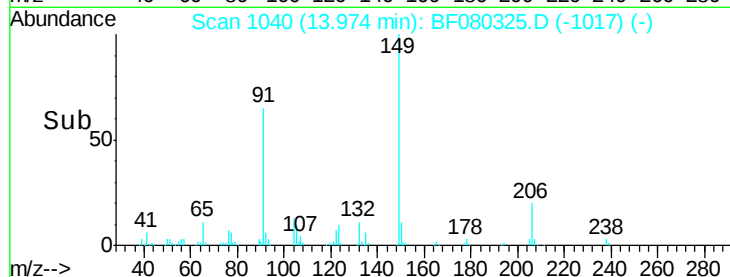
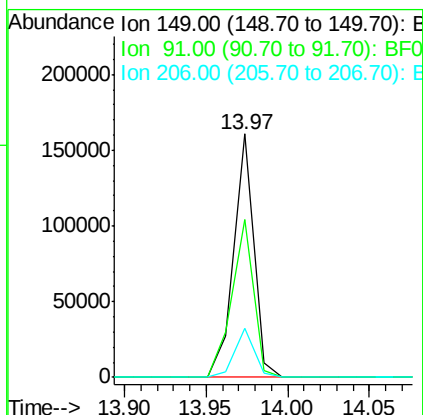
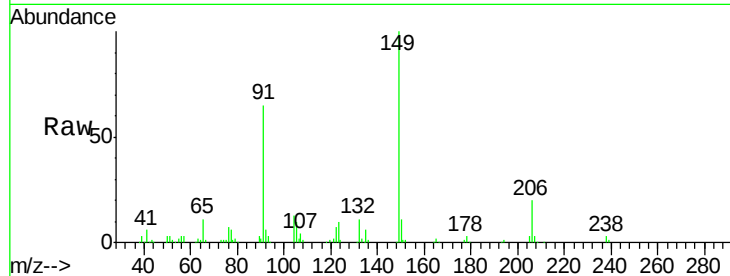
#79  
Butylbenzylphthalate  
Concen: 38.72 ng  
RT: 13.97 min Scan# 1040  
Delta R.T. -0.03 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 65.0  | 48.1       | 72.1       |
| 206     | 20.2  | 18.1       | 27.1       |

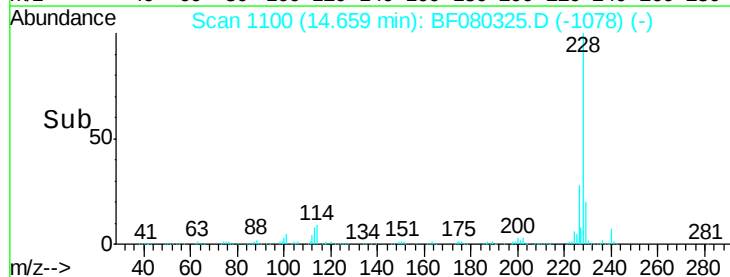
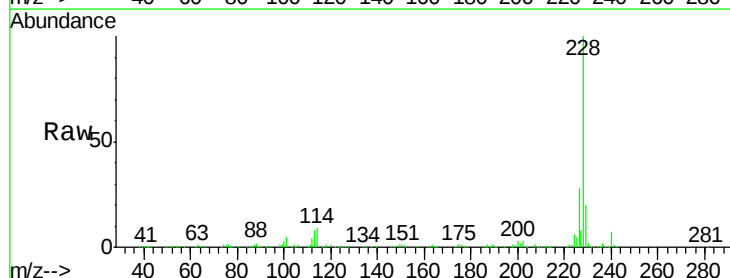
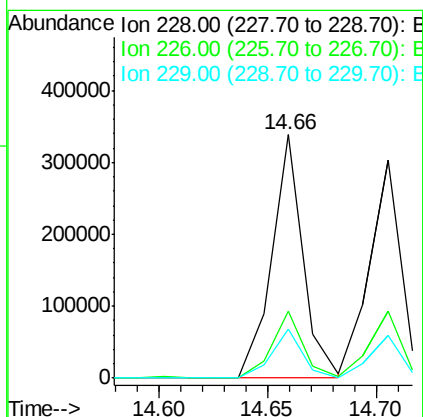
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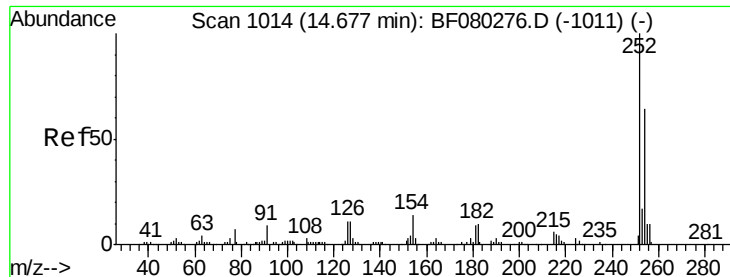
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#80  
Benzo(a)anthracene  
Concen: 39.40 ng  
RT: 14.66 min Scan# 1100  
Delta R.T. -0.05 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.7  | 21.7       | 32.5       |
| 229     | 19.9  | 15.5       | 23.3       |





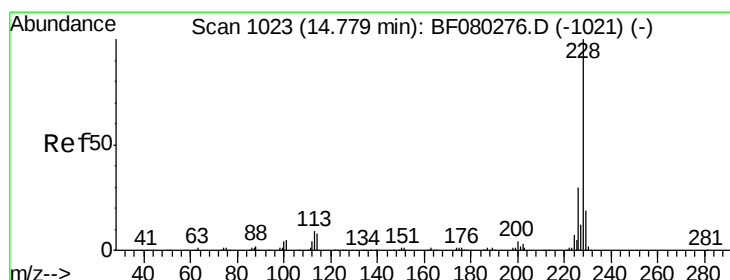
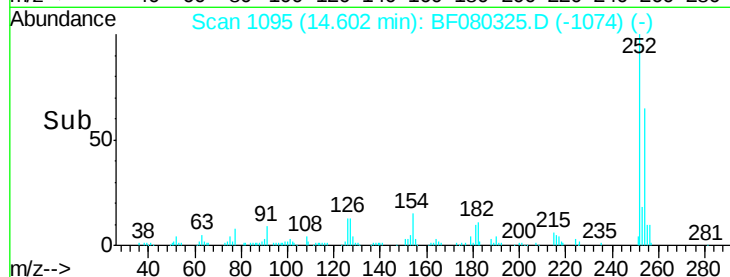
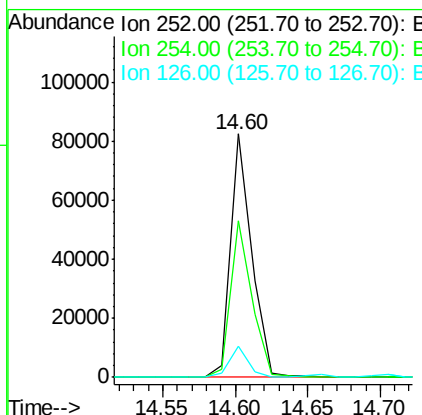
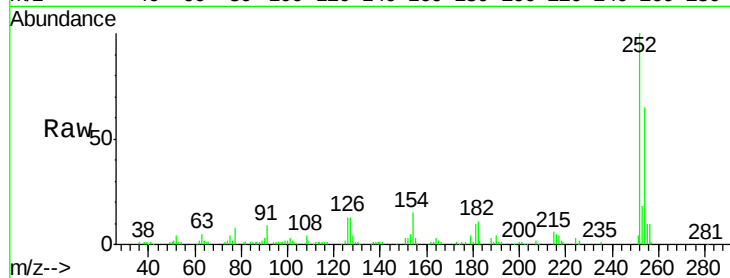
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.73 ng  
 RT: 14.60 min Scan# 1095  
 Delta R.T. -0.06 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 83722 |       |       |
| 254     | 64.5  | 50.8  | 76.2  |       |
| 126     | 12.9  | 9.0   | 13.6  |       |

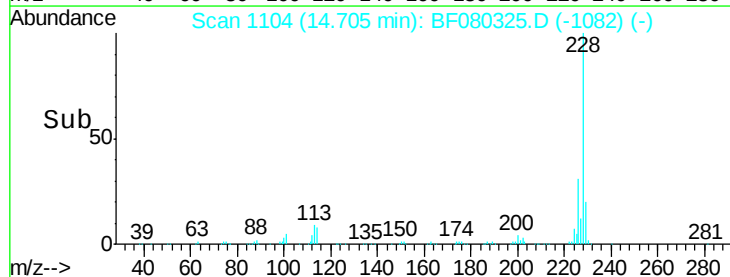
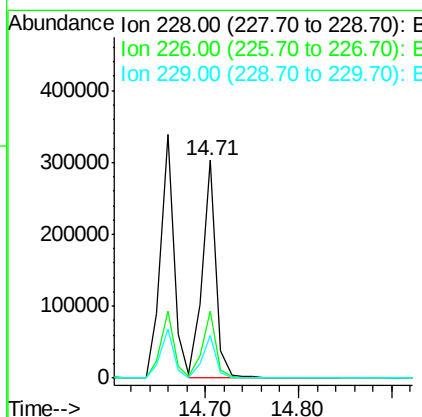
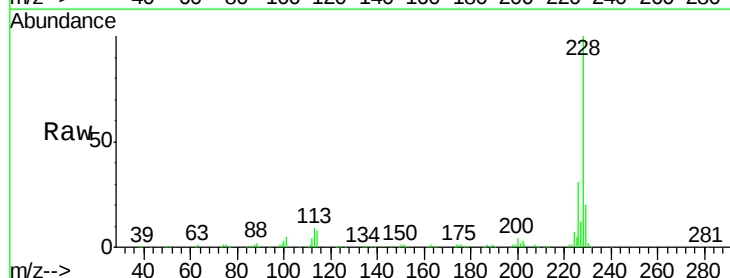
Manual Integrations  
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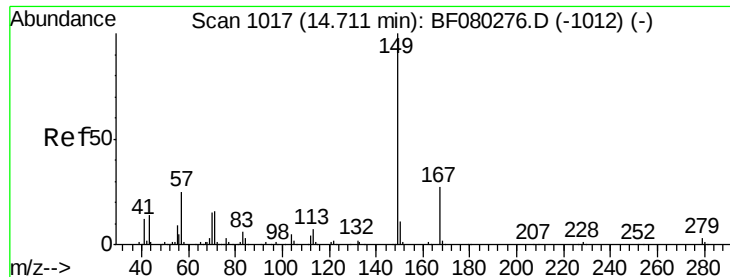
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#82  
 Chrysene  
 Concen: 39.36 ng  
 RT: 14.71 min Scan# 1104  
 Delta R.T. -0.05 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 312972 |       |       |
| 226     | 30.8  | 24.0   | 36.0  |       |
| 229     | 19.6  | 15.4   | 23.0  |       |





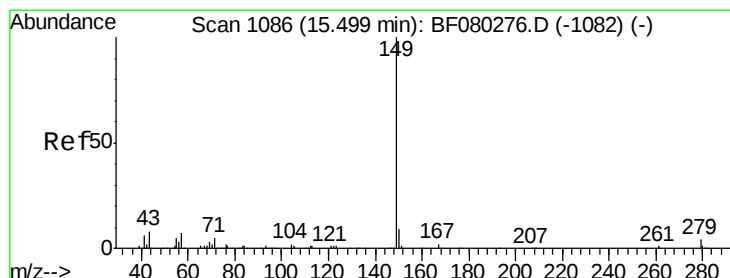
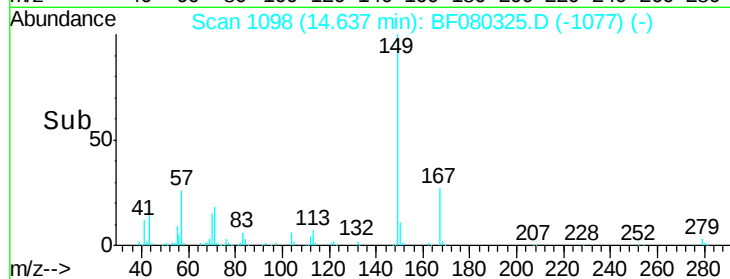
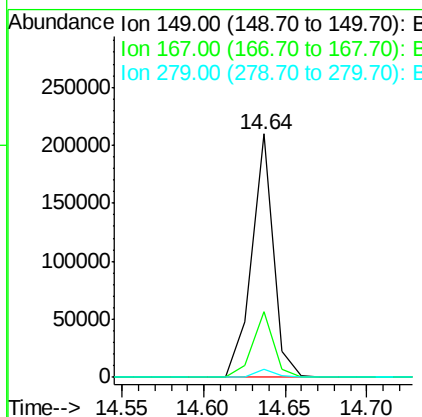
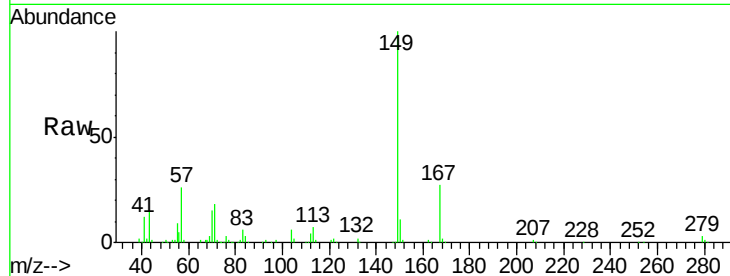
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.31 ng  
 RT: 14.64 min Scan# 1098  
 Delta R.T. -0.06 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 193864 |       |       |
| 167     | 26.9  | 21.7   | 32.5  |       |
| 279     | 3.1   | 2.7    | 4.1   |       |

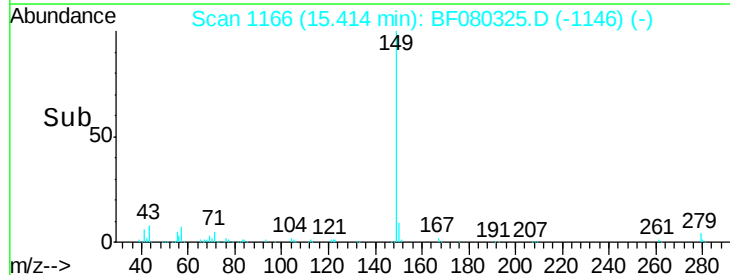
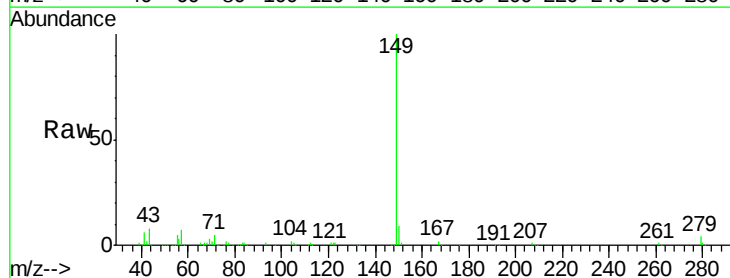
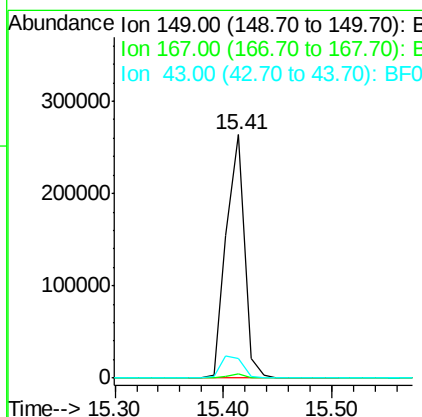
Manual Integrations  
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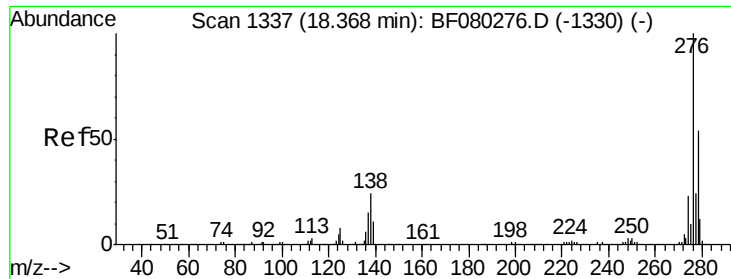
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 7/6/2015 3:40:54 PM



#84  
 Di-n-octyl phthalate  
 Concen: 36.98 ng  
 RT: 15.41 min Scan# 1166  
 Delta R.T. -0.07 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 307208 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 11.4  | 8.3    | 12.5  |       |





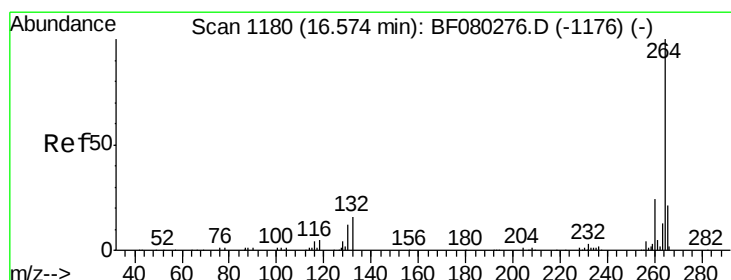
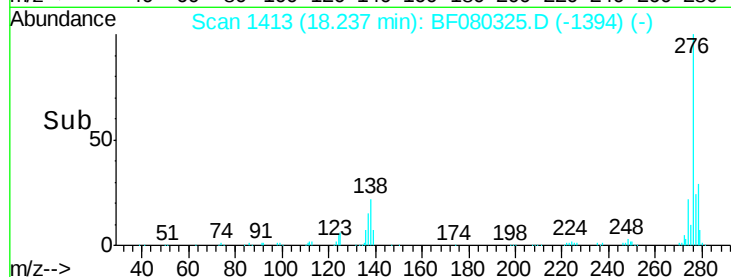
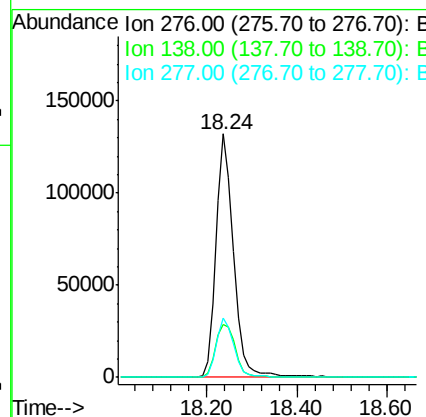
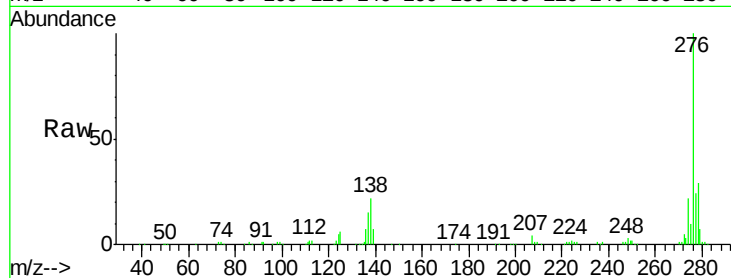
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.34 ng  
 RT: 18.24 min Scan# 1413  
 Delta R.T. -0.08 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.5  | 21.0  | 31.6  |
| 277     | 24.4  | 19.4  | 29.0  |

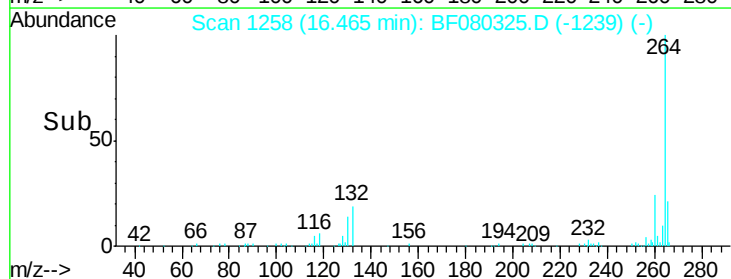
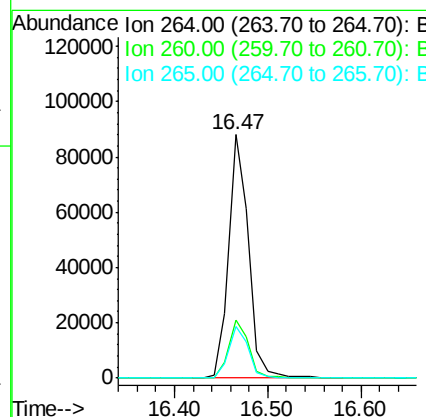
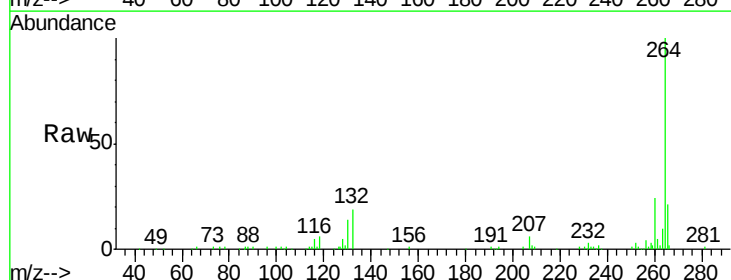
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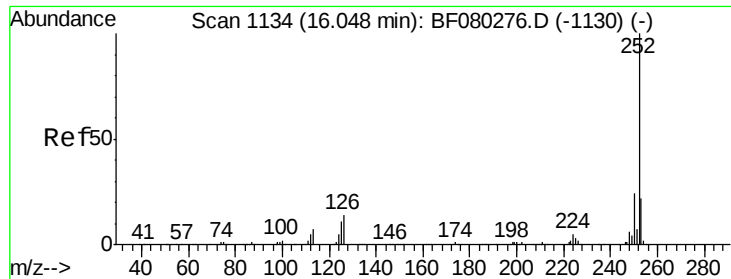
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.47 min Scan# 1258  
 Delta R.T. -0.08 min  
 Lab File: BF080325.D  
 Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.2  | 16.9  | 25.3  |





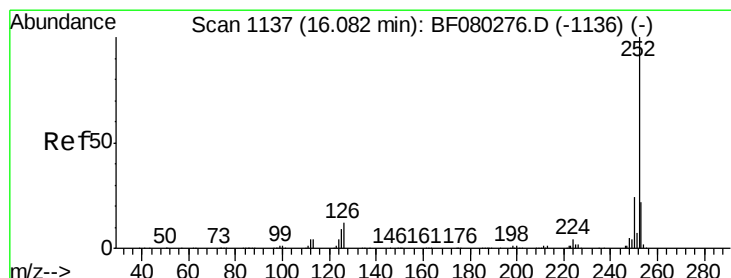
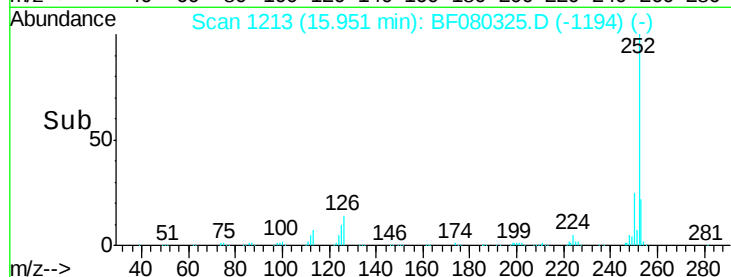
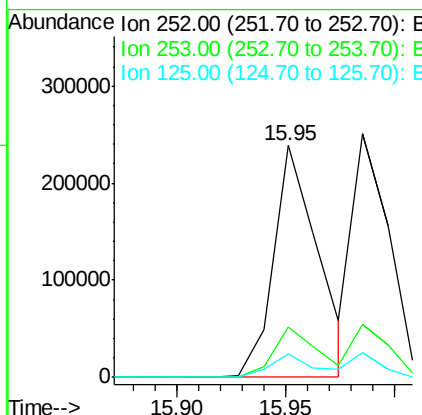
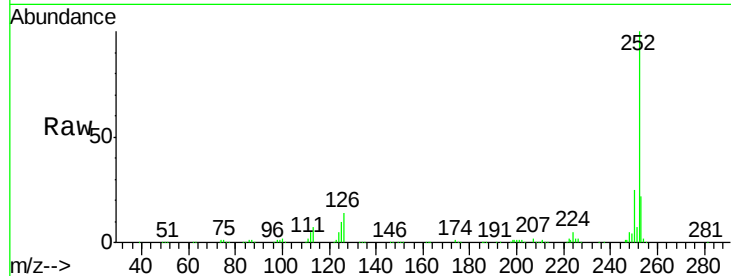
#87  
Benzo(b)fluoranthene  
Concen: 41.47 ng  
RT: 15.95 min Scan# 1213  
Delta R.T. -0.08 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.6  | 26.4  |
| 125     | 10.2  | 8.6   | 12.8  |

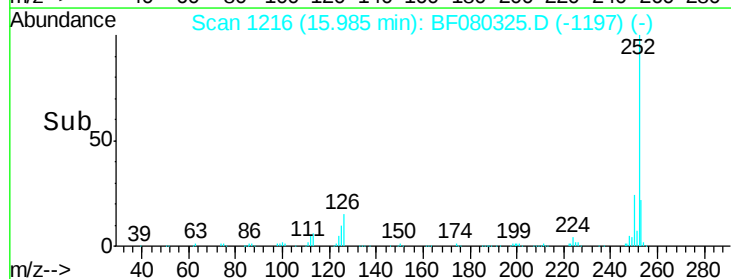
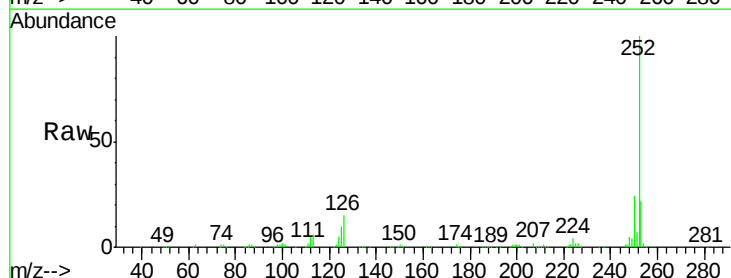
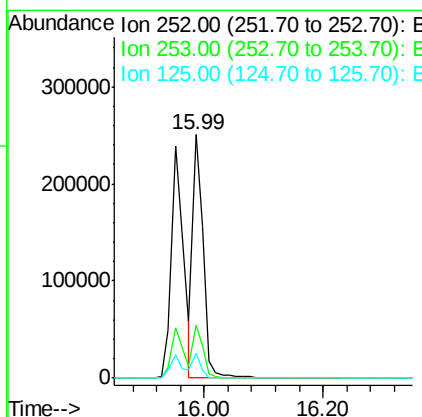
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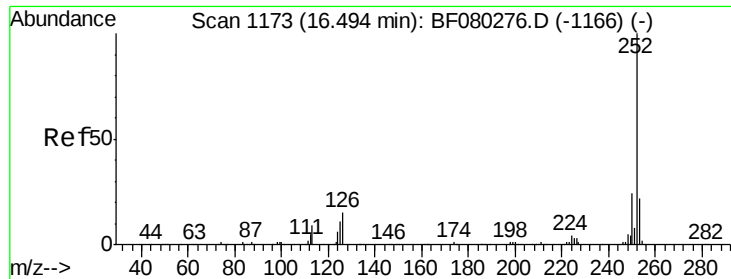
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#88  
Benzo(k)fluoranthene  
Concen: 39.58 ng  
RT: 15.99 min Scan# 1216  
Delta R.T. -0.08 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.4  | 26.2  |
| 125     | 10.3  | 8.4   | 12.6  |





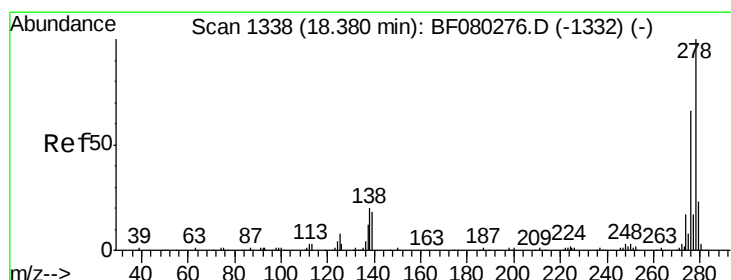
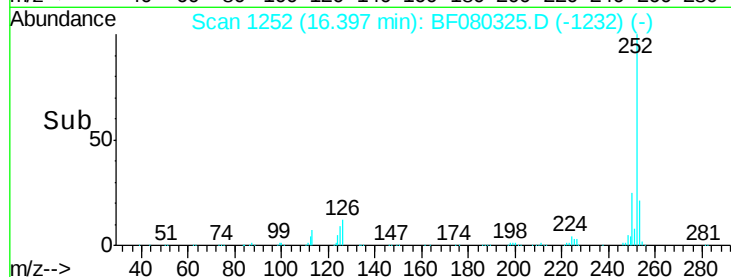
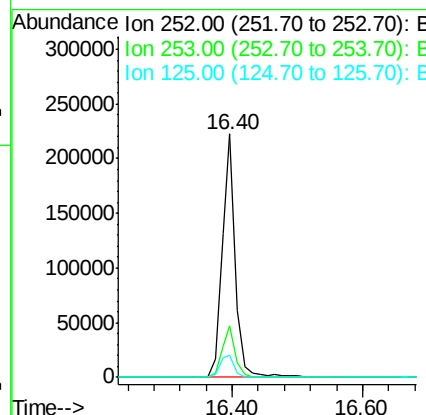
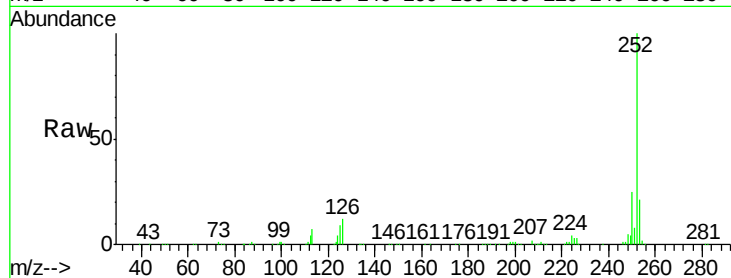
#89  
Benzo(a)pyrene  
Concen: 42.25 ng  
RT: 16.40 min Scan# 1252  
Delta R.T. -0.07 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

Instrument :  
BNA\_F  
ClientSampleId :  
IDOC-01-S-UM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.4  | 26.2  |
| 125     | 9.0   | 9.0   | 13.4  |

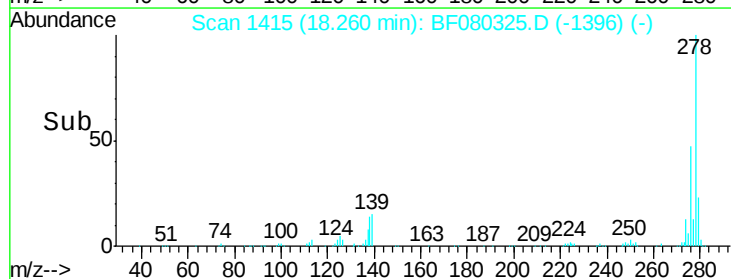
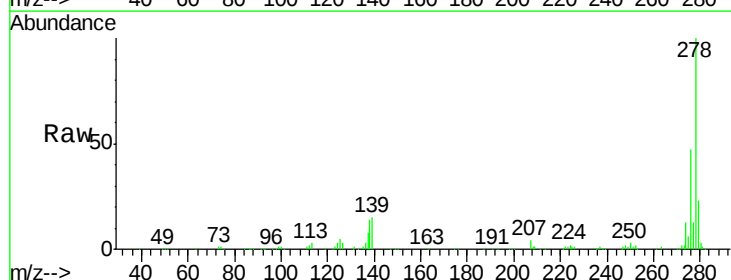
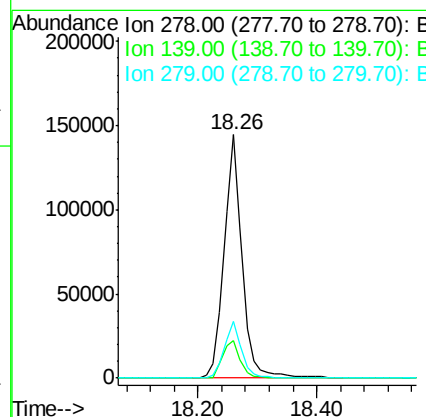
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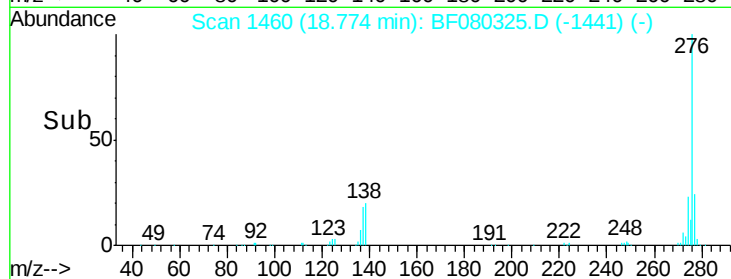
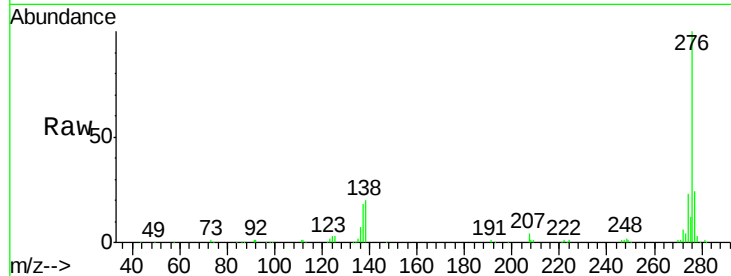
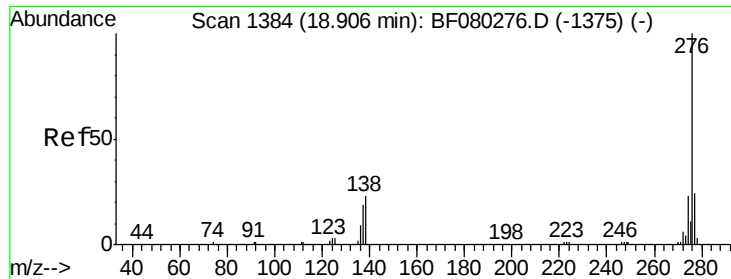
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#90  
Dibenzo(a,h)anthracene  
Concen: 43.30 ng  
RT: 18.26 min Scan# 1415  
Delta R.T. -0.08 min  
Lab File: BF080325.D  
Acq: 3 Jul 2015 5:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.2  | 14.6  | 21.8  |
| 279     | 23.4  | 18.7  | 28.1  |





#91

Benzo(g,h,i)perylene

Concen: 41.71 ng

RT: 18.77 min Scan# 1460

Delta R.T. -0.08 min

Lab File: BF080325.D

Acq: 3 Jul 2015 5:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 305700 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.2  | 19.0  | 28.6   |
| 138       | 19.9  | 18.1  | 27.1   |

Instrument :

BNA\_F

ClientSampleId :

IDOC-01-S-UM

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