

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF073115\  
 Data File : BF080745.D  
 Acq On : 31 Jul 2015 20:54  
 Operator : TP/UM  
 Sample : PB84784BS  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2015 11:56:03 AM

Quant Time: Aug 03 14:10:42 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF073015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 03 14:00:36 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 142076   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 505086   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.89  | 164  | 259337   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.37 | 188  | 479616   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.00 | 240  | 313958   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.41 | 264  | 267304   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1079184 | 130.30 | ng | 0.02  |
| 7) Phenol-d6             | 6.49  | 99  | 1403821 | 124.51 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.41  | 82  | 969605  | 92.96  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 383944  | 142.68 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 1650533 | 94.95  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.96 | 244 | 1526690 | 91.97  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 157126  | 38.47 | ng | 99     |
| 3) Pyridine                    | 3.31 | 79  | 453195  | 39.99 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 268762  | 41.49 | ng | 100    |
| 6) Aniline                     | 6.52 | 93  | 356750  | 21.98 | ng | 99     |
| 8) 2-Chlorophenol              | 6.64 | 128 | 371398  | 40.01 | ng | 100    |
| 9) Benzaldehyde                | 6.40 | 77  | 90200   | 10.94 | ng | 90     |
| 10) Phenol                     | 6.50 | 94  | 591127  | 45.30 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 361287  | 38.76 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 439036  | 42.48 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 435066  | 41.27 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 424721  | 44.07 | ng | 96     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 308210  | 32.91 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 876114  | 43.99 | ng | 98     |
| 17) 2-Methylphenol             | 7.10 | 107 | 319804  | 41.97 | ng | 98     |
| 18) Hexachloroethane           | 7.37 | 117 | 168625  | 42.85 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 316860  | 41.73 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 414013  | 44.04 | ng | # 86   |
| 22) Acetophenone               | 7.26 | 105 | 537737  | 44.11 | ng | # 89   |
| 24) Nitrobenzene               | 7.44 | 77  | 492833  | 47.16 | ng | 96     |
| 25) Isophorone                 | 7.68 | 82  | 819365  | 44.17 | ng | 96     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 197630  | 46.59 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 448545  | 56.29 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 506484  | 46.09 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 329636  | 46.54 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 338056  | 43.77 | ng | 98     |
| 31) Naphthalene                | 8.16 | 128 | 1070128 | 42.45 | ng | 100    |
| 32) Benzoic acid               | 7.90 | 122 | 167324  | 30.06 | ng | 99     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 102473  | 9.63  | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 230078  | 46.14 | ng | 98     |
| 35) Caprolactam                | 8.57 | 113 | 92135m  | 43.44 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 374014  | 48.98 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 741954  | 46.88 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 310863  | 38.17 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.00 | 237 | 443313  | 88.48 | ng | 98     |

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 Sample : PB84784BS  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

Manual Integrations  
 APPROVED

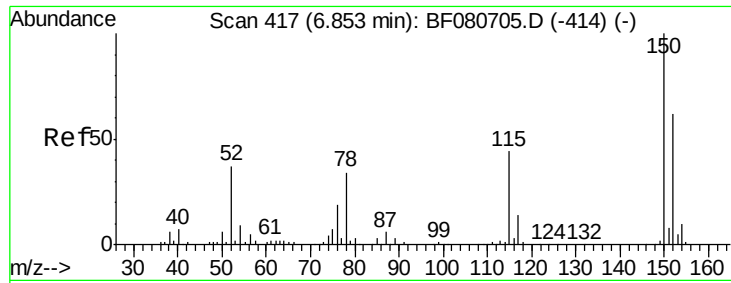
MMDadoda  
 8/3/2015 11:56:03 AM

Quant Time: Aug 03 14:10:42 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF073015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 03 14:00:36 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.13  | 196  | 217534   | 38.40 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.16  | 196  | 252784   | 44.98 | ng    | # 88     |
| 45) 1,1'-Biphenyl              | 9.31  | 154  | 789928   | 39.72 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.33  | 162  | 633523   | 39.01 | ng    | # 90     |
| 47) 2-Nitroaniline             | 9.42  | 65   | 262777   | 41.58 | ng    | # 71     |
| 48) Acenaphthylene             | 9.76  | 152  | 1101507  | 42.65 | ng    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 848959   | 46.45 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 189002   | 48.73 | ng    | 87       |
| 51) Acenaphthene               | 9.93  | 154  | 771475   | 48.97 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.84  | 138  | 86065    | 19.23 | ng    | # 62     |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 198726   | 96.20 | ng    | # 47     |
| 54) Dibenzofuran               | 10.10 | 168  | 980517   | 46.53 | ng    | 96       |
| 55) 4-Nitrophenol              | 10.00 | 139  | 231432   | 70.18 | ng    | # 56     |
| 56) 2,4-Dinitrotoluene         | 10.08 | 165  | 241930   | 47.56 | ng    | 98       |
| 57) Fluorene                   | 10.44 | 166  | 699663   | 42.78 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.21 | 232  | 193909   | 45.75 | ng    | 97       |
| 59) Diethylphthalate           | 10.32 | 149  | 792391   | 44.98 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 351269   | 49.83 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.45 | 138  | 158422   | 39.21 | ng    | 91       |
| 62) Azobenzene                 | 10.59 | 77   | 958358   | 50.22 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 117352   | 40.63 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.54 | 169  | 634807   | 40.37 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 10.92 | 248  | 235889   | 47.64 | ng    | 92       |
| 67) Hexachlorobenzene          | 10.98 | 284  | 233949   | 40.87 | ng    | 96       |
| 68) Atrazine                   | 11.07 | 200  | 214105   | 56.43 | ng    | 99       |
| 69) Pentachlorophenol          | 11.17 | 266  | 295495   | 85.31 | ng    | 98       |
| 70) Phenanthrene               | 11.39 | 178  | 979985   | 40.56 | ng    | 99       |
| 71) Anthracene                 | 11.45 | 178  | 1139898  | 48.01 | ng    | 100      |
| 72) Carbazole                  | 11.60 | 167  | 862689   | 41.86 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 1282618  | 50.19 | ng    | 98       |
| 74) Fluoranthene               | 12.58 | 202  | 1128822  | 48.32 | ng    | 97       |
| 76) Benzidine                  | 12.71 | 184  | 447369   | 39.14 | ng    | 99       |
| 77) Pyrene                     | 12.81 | 202  | 1095181  | 44.98 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.43 | 149  | 408780   | 40.64 | ng    | 95       |
| 80) Benzo(a)anthracene         | 13.99 | 228  | 769085   | 40.73 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 137564   | 21.34 | ng    | # 95     |
| 82) Chrysene                   | 14.02 | 228  | 687810   | 37.53 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 568072   | 46.86 | ng    | # 93     |
| 84) Di-n-octyl phthalate       | 14.60 | 149  | 909488   | 44.74 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.80 | 276  | 684898   | 41.65 | ng    | # 88     |
| 87) Benzo(h)fluoranthene       | 15.00 | 252  | 726250   | 45.48 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.04 | 252  | 527720m  | 40.16 | ng    |          |
| 89) Benzo(a)pyrene             | 15.36 | 252  | 604842   | 46.14 | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 16.81 | 278  | 584337   | 49.80 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.21 | 276  | 579513   | 50.19 | ng    | 97       |

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





#1

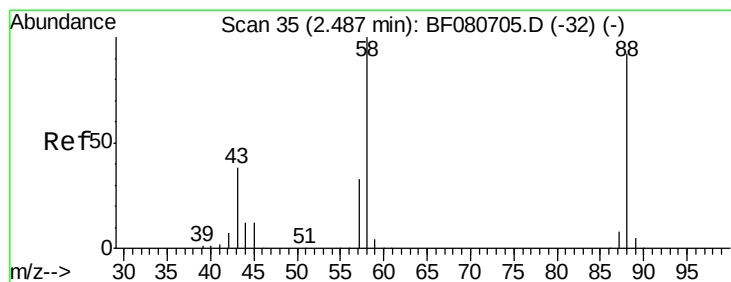
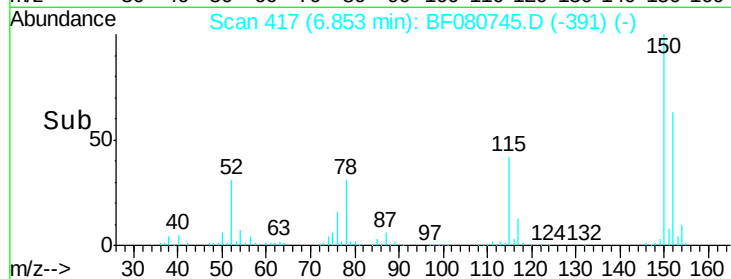
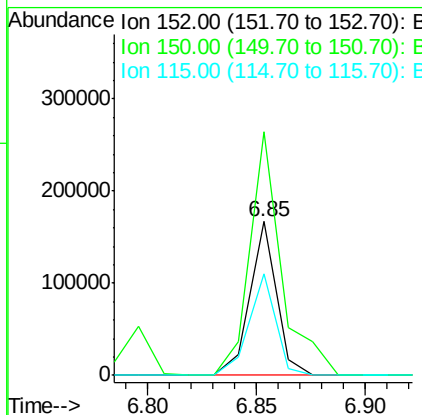
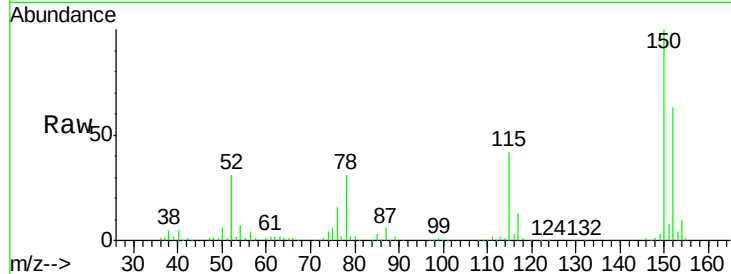
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.85 min Scan# 417  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 142076 |       |       |
| 150     | 158.4 | 129.6  | 194.4 |       |
| 115     | 66.1  | 56.6   | 85.0  |       |

Manual Integrations  
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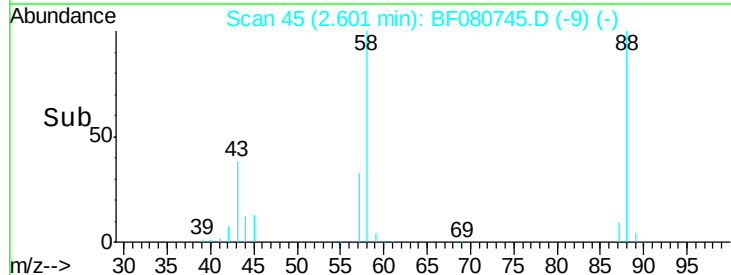
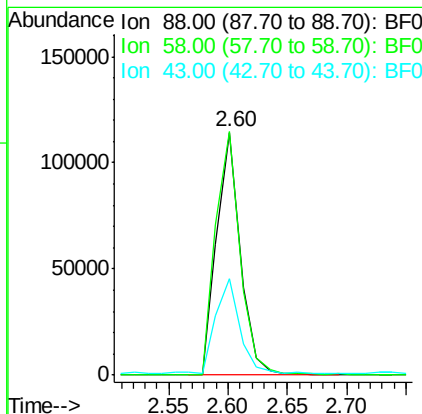
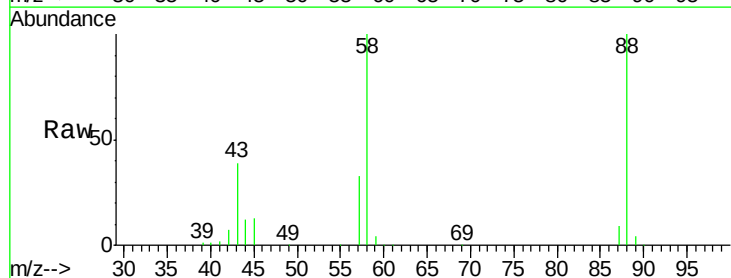
MMDadoda  
8/3/2015 11:56:03 AM

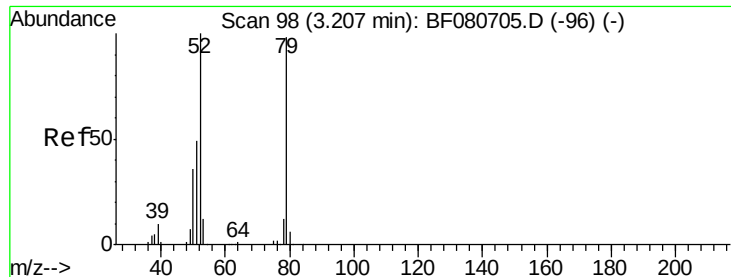


#2

1,4-Dioxane  
Concen: 38.47 ng  
RT: 2.60 min Scan# 45  
Delta R.T. 0.11 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 88      | 100   | 157126 |       |       |
| 58      | 103.5 | 82.3   | 123.5 |       |
| 43      | 40.3  | 31.7   | 47.5  |       |





#3

Pyridine

Concen: 39.99 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.10 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

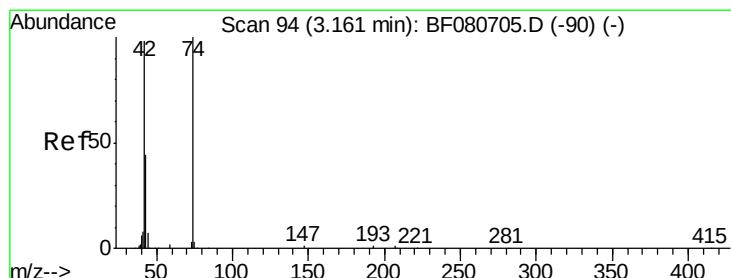
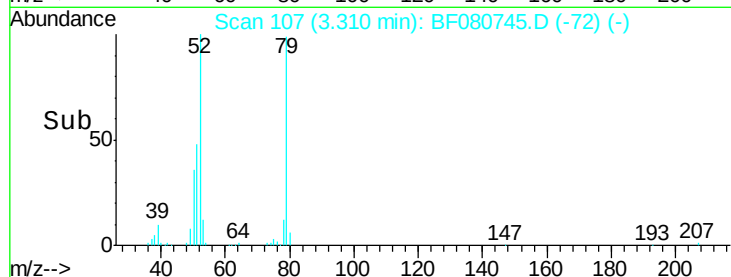
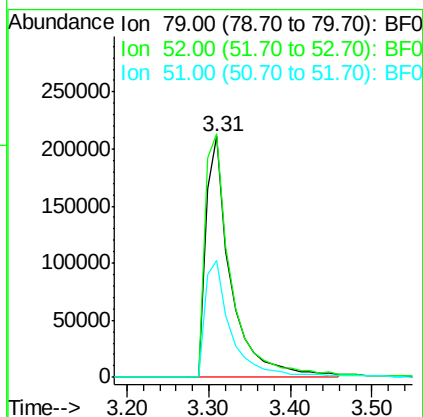
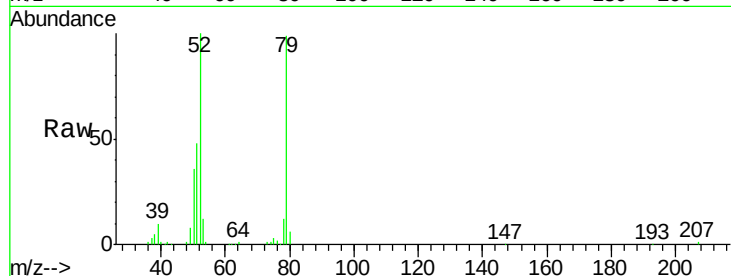
ClientSampleId :

PB84784BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 453195 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 101.2 | 81.6  | 122.4  |
| 51       | 48.5  | 40.2  | 60.2   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.49 ng

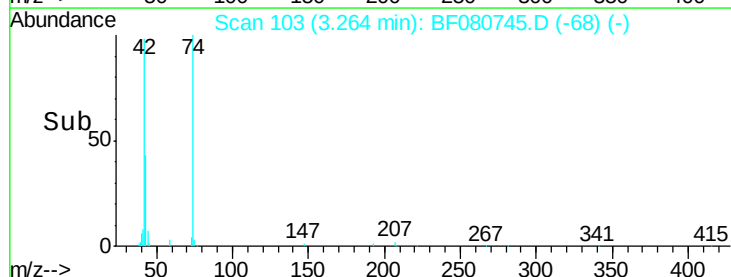
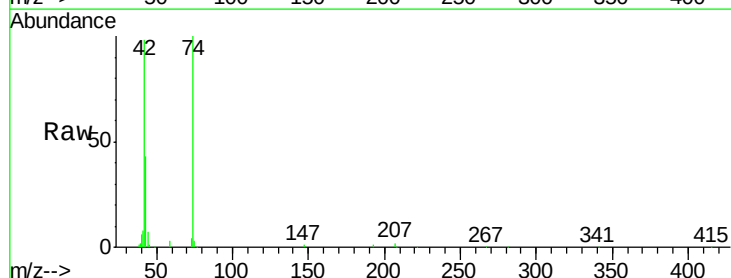
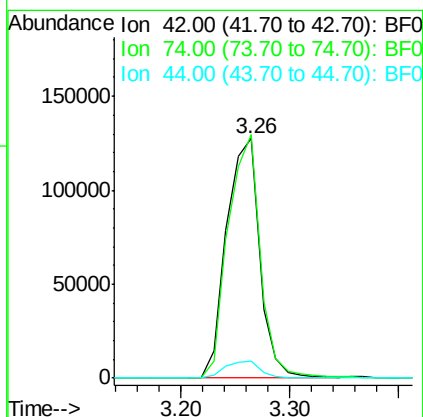
RT: 3.26 min Scan# 103

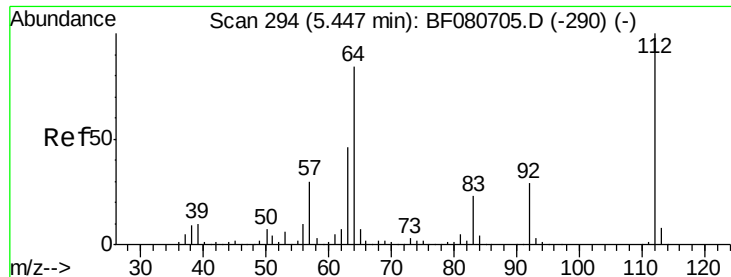
Delta R.T. 0.10 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 268762 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 101.7 | 81.5  | 122.3  |
| 44       | 7.1   | 5.6   | 8.4    |





#5

2-Fluorophenol

Concen: 130.30 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080745.D

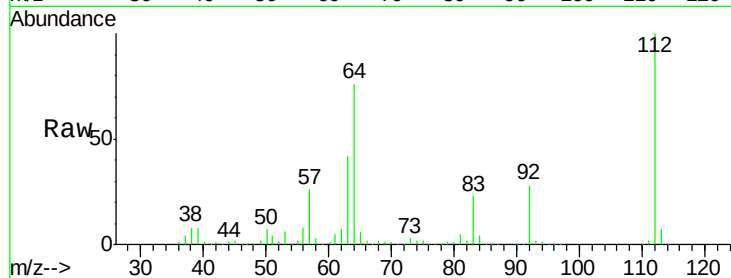
Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

ClientSampleId :

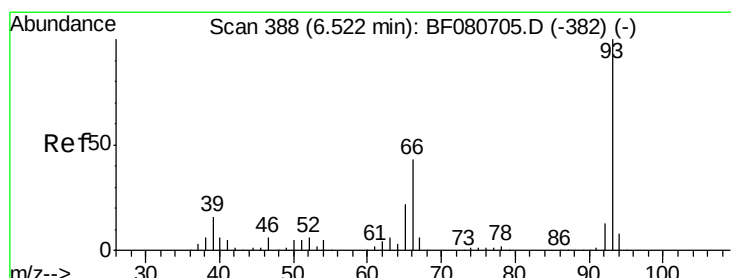
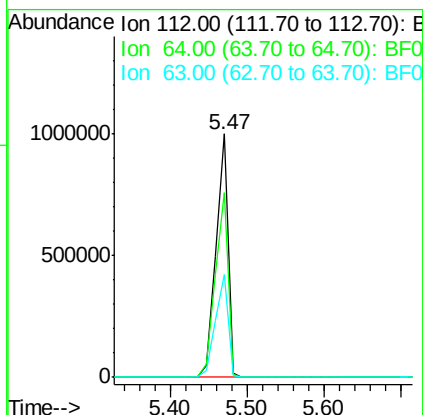
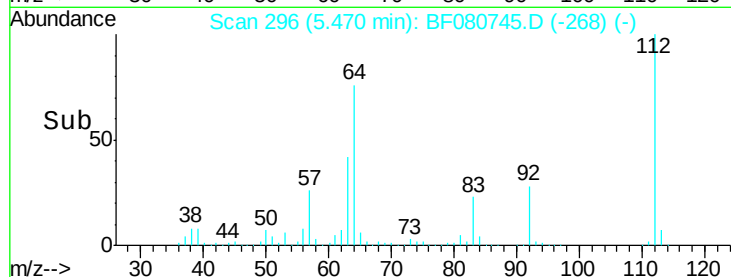
PB84784BS



|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1079184 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 76.0  | 66.8  | 100.2   |
| 63       | 42.1  | 36.7  | 55.1    |

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#6

Aniline

Concen: 21.98 ng

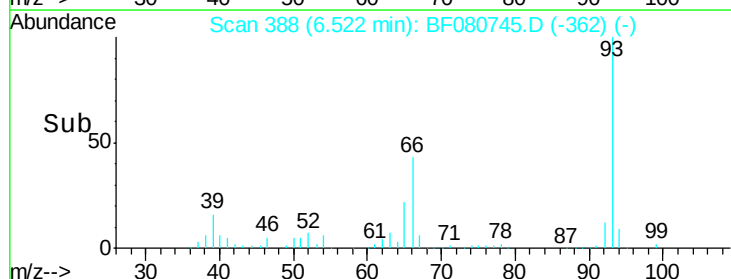
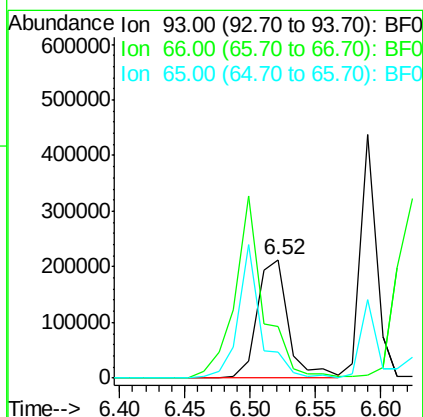
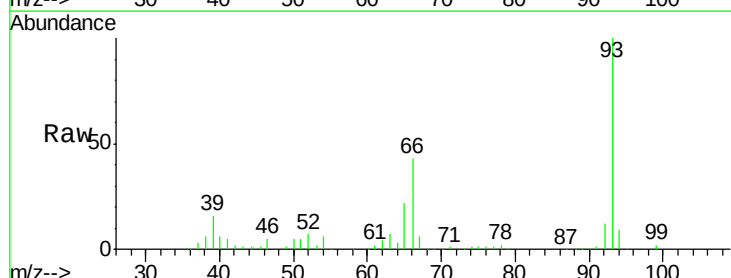
RT: 6.52 min Scan# 388

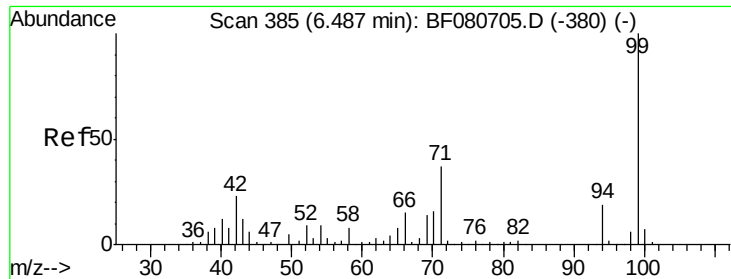
Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 356750 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 43.4  | 34.3  | 51.5   |
| 65       | 21.9  | 17.6  | 26.4   |





#7

Phenol-d6

Concen: 124.51 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

ClientSampleId :

PB84784BS

Tgt Ion: 99 Resp: 1403821

Ion Ratio Lower Upper

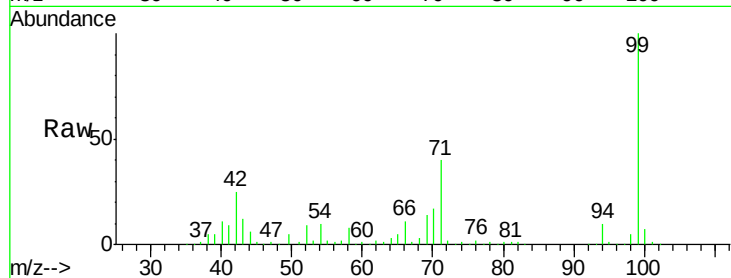
99 100

42 24.9 18.2 27.2

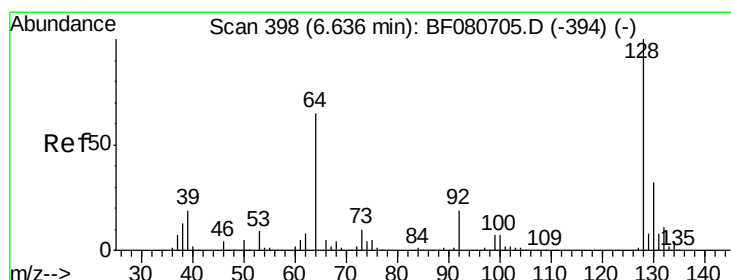
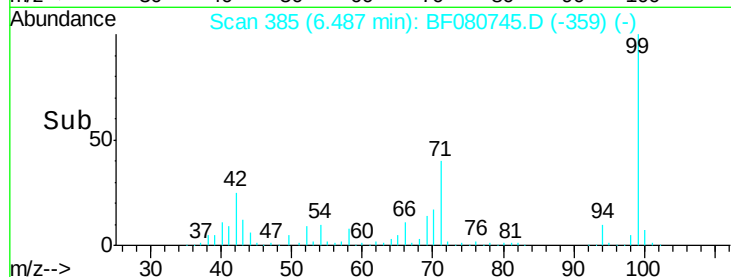
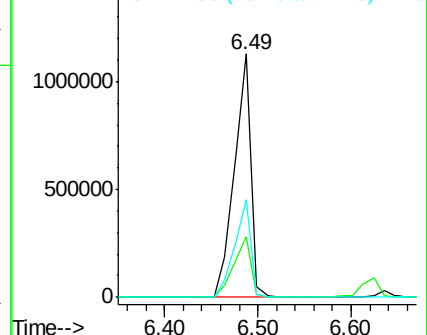
71 39.9 29.5 44.3

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8/3/2015 11:56:03 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.01 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

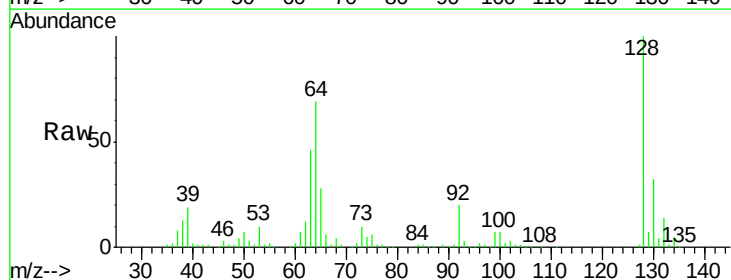
Tgt Ion: 128 Resp: 371398

Ion Ratio Lower Upper

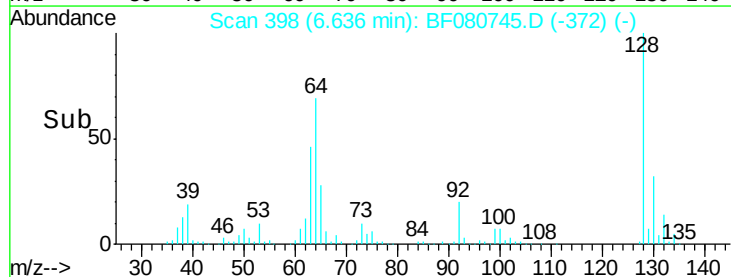
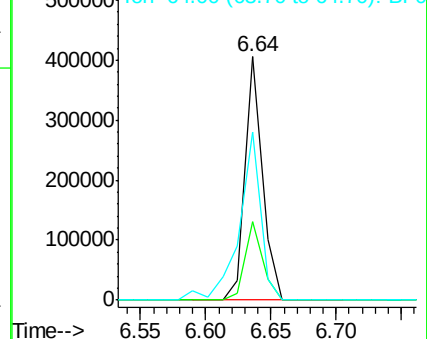
128 100

130 32.3 11.7 51.7

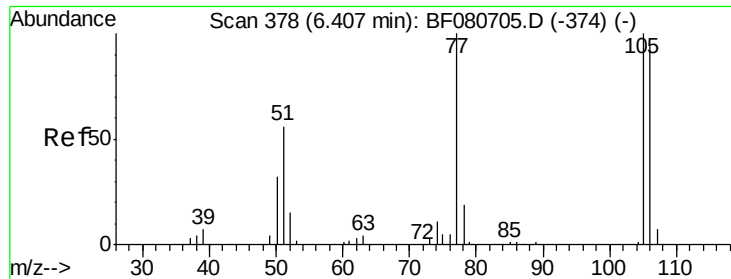
64 68.8 48.7 88.7



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 10.94 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

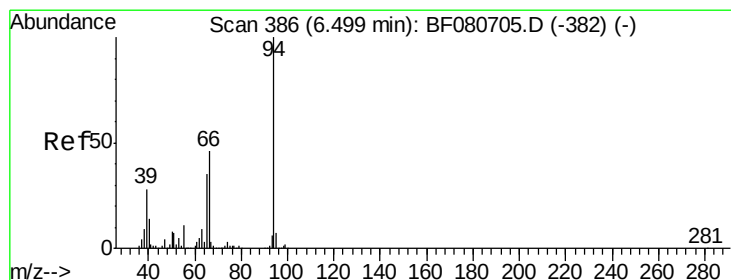
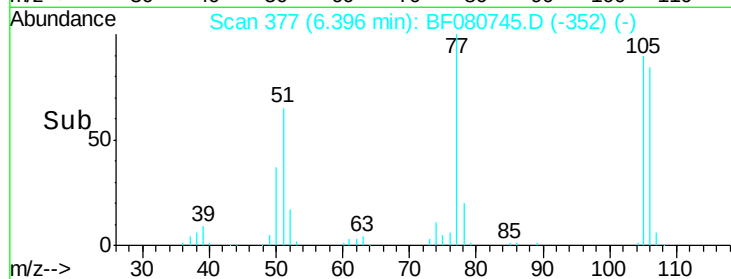
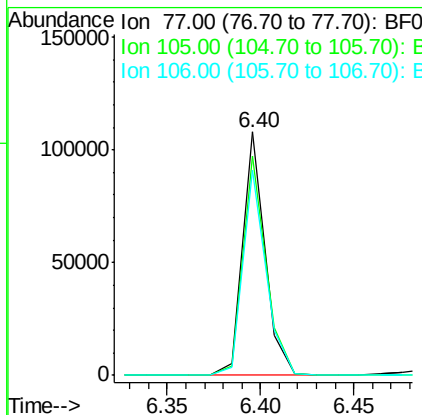
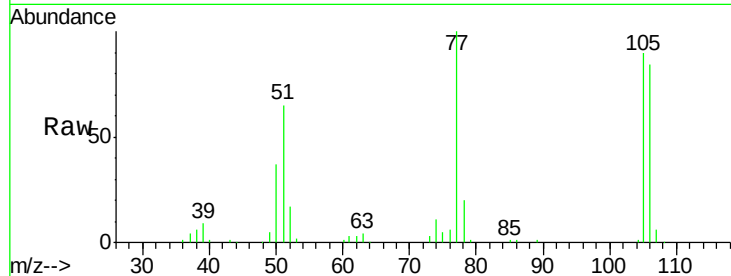
ClientSampleId :

PB84784BS

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 90200 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 90.1  | 80.2  | 120.2 |
| 106      | 84.3  | 74.2  | 114.2 |



#10

Phenol

Concen: 45.30 ng

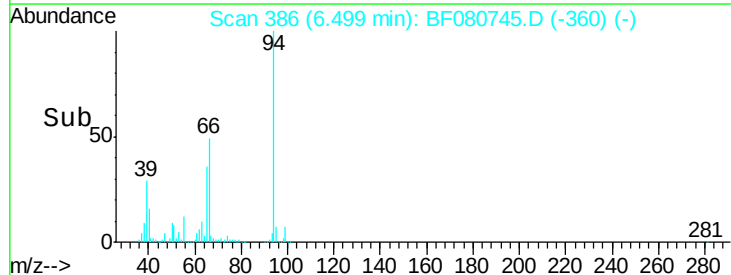
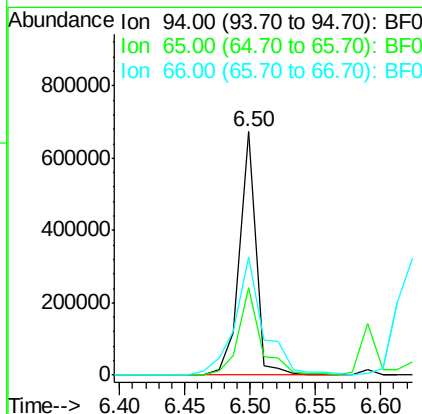
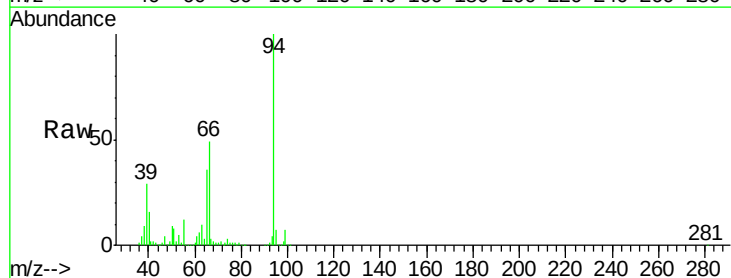
RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

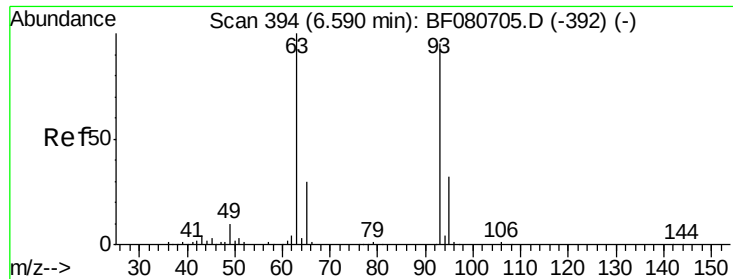
Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 591127 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.8  | 14.7  | 54.7   |
| 66       | 48.8  | 25.9  | 65.9   |







#11

bis(2-Chloroethyl)ether

Concen: 38.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

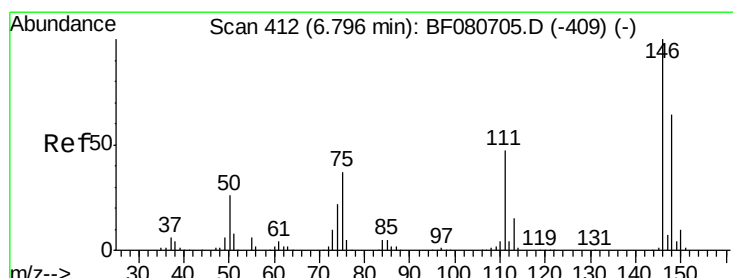
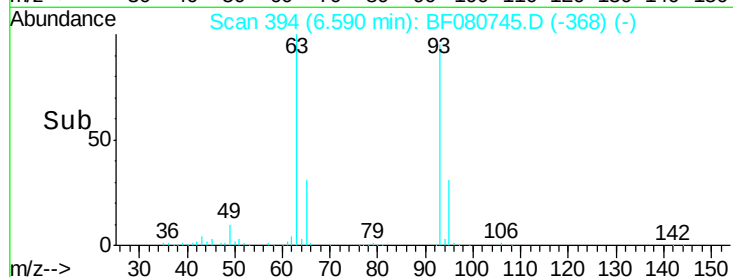
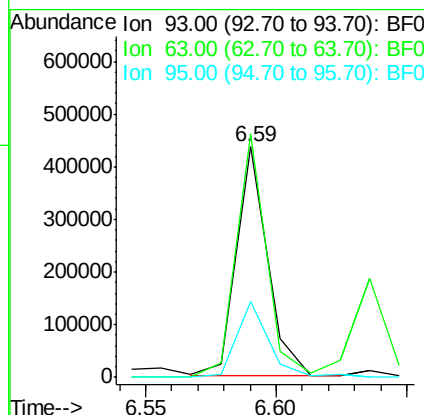
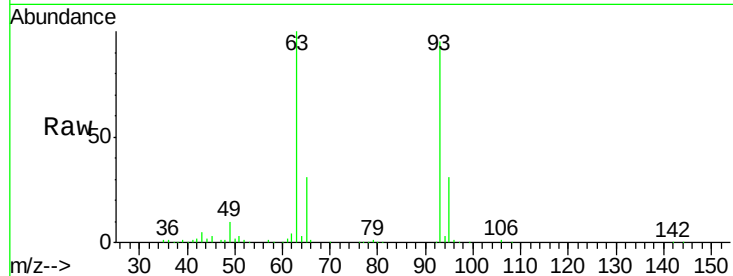
ClientSampleId :

PB84784BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 361287 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 105.7 | 85.3  | 125.3  |
| 95       | 33.0  | 13.3  | 53.3   |

Manual Integrations  
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8/3/2015 11:56:03 AM



#12

1,3-Dichlorobenzene

Concen: 42.48 ng

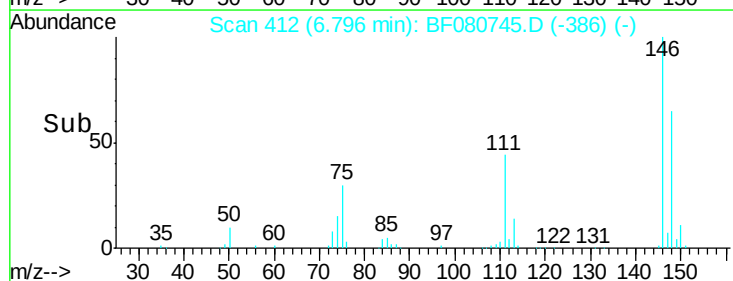
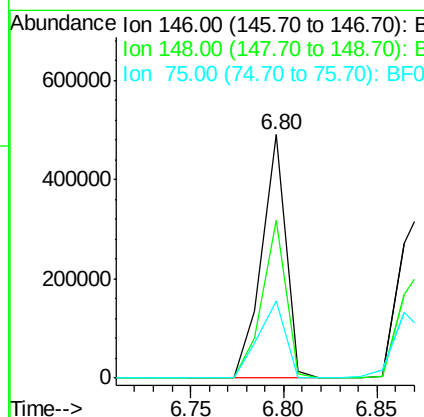
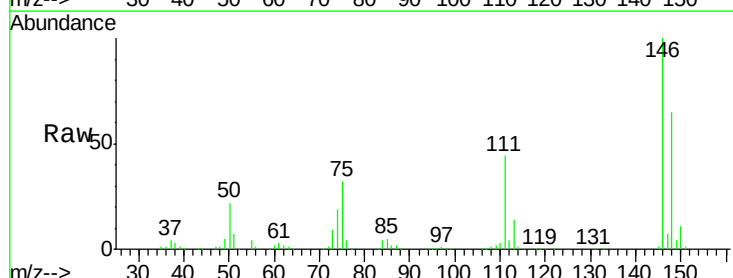
RT: 6.80 min Scan# 412

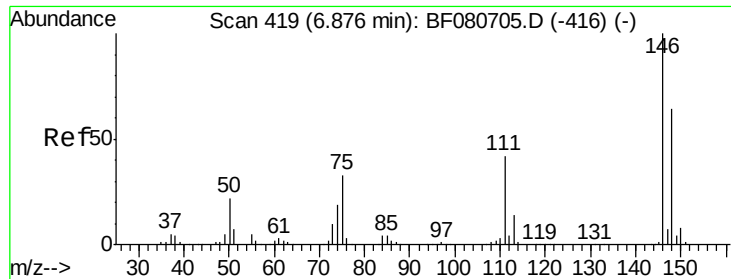
Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

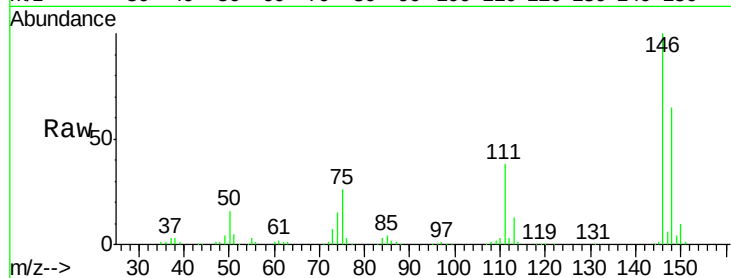
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 439036 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.8  | 51.0  | 76.6   |
| 75       | 31.7  | 29.4  | 44.0   |





#13  
 1,4-Dichlorobenzene  
 Concen: 41.27 ng  
 RT: 6.88 min Scan# 419  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

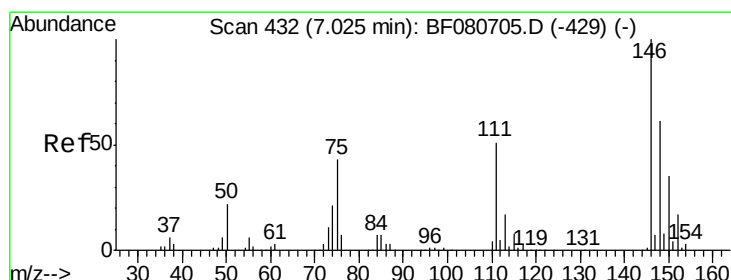
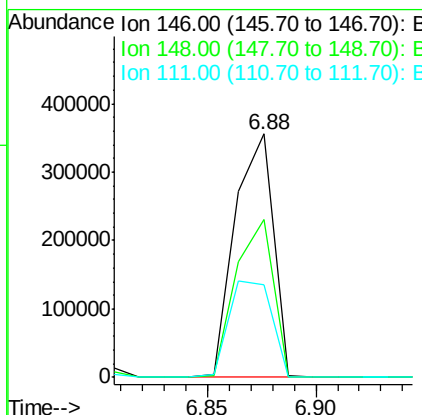
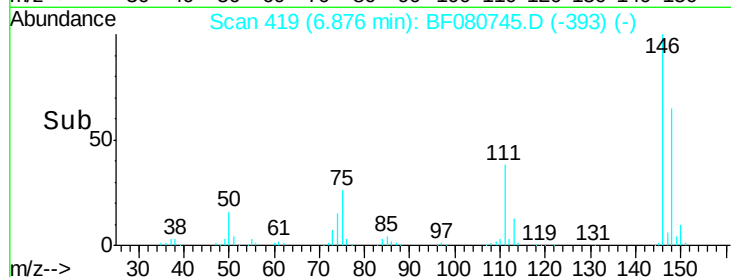
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.4  | 77.2  |
| 111     | 38.0  | 33.8  | 50.6  |

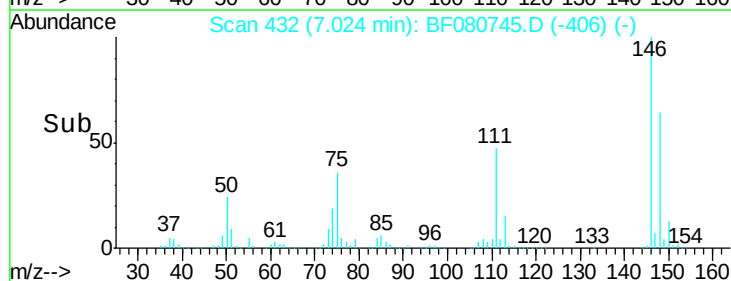
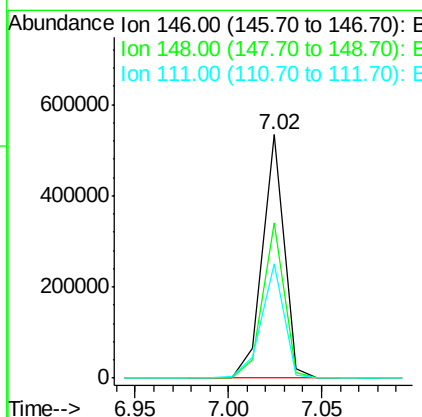
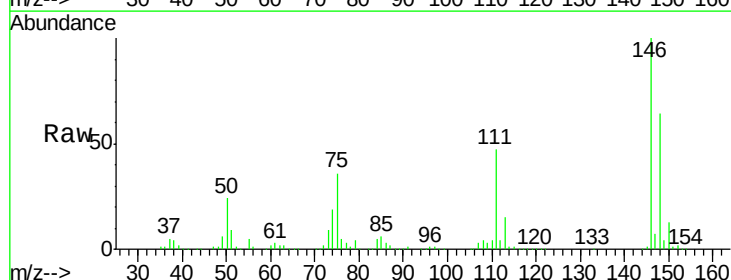
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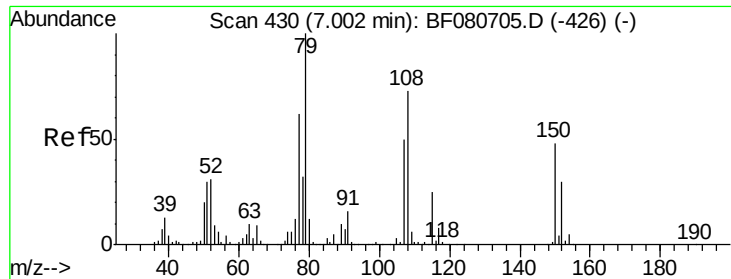
MMDadoda  
 8/3/2015 11:56:03 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 44.07 ng  
 RT: 7.02 min Scan# 432  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 49.2  | 73.8  |
| 111     | 46.8  | 41.0  | 61.4  |





#15

Benzyl Alcohol

Concen: 32.91 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

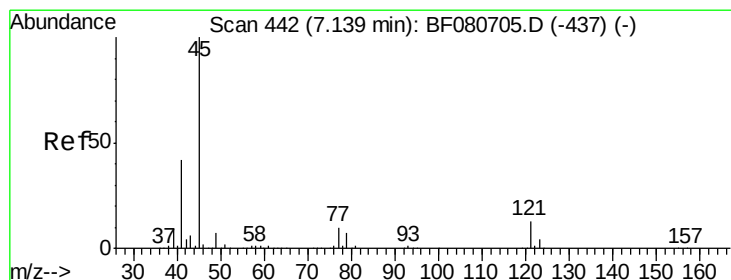
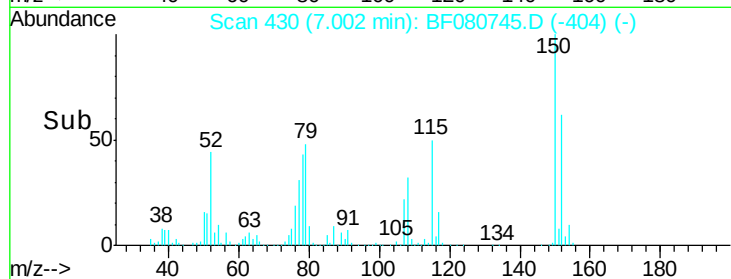
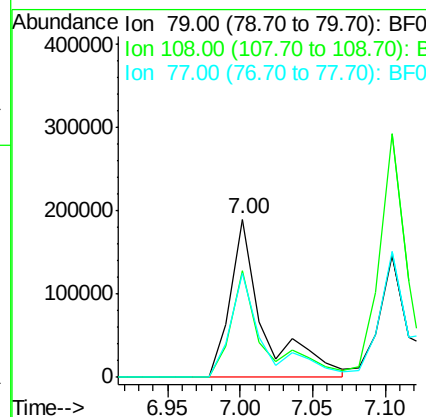
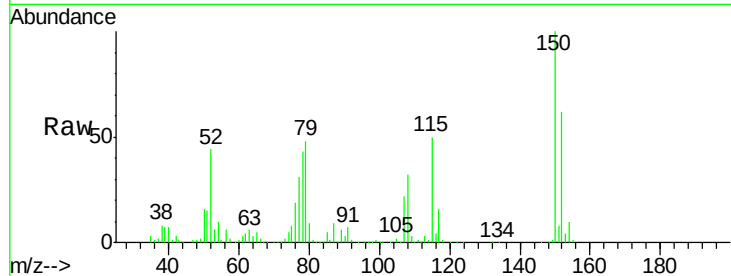
ClientSampleId :

PB84784BS

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 308210 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 67.1  | 58.7  | 88.1   |
| 77       | 65.7  | 49.8  | 74.8   |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.99 ng

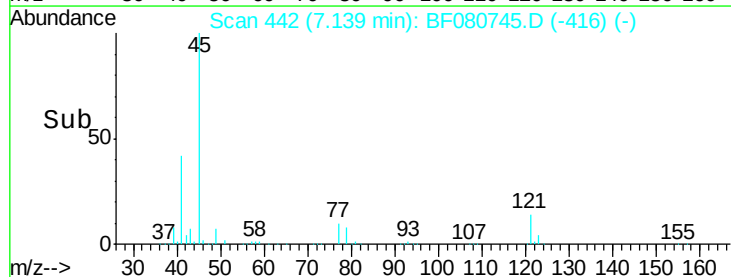
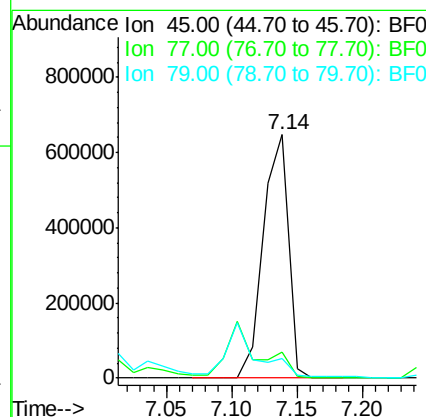
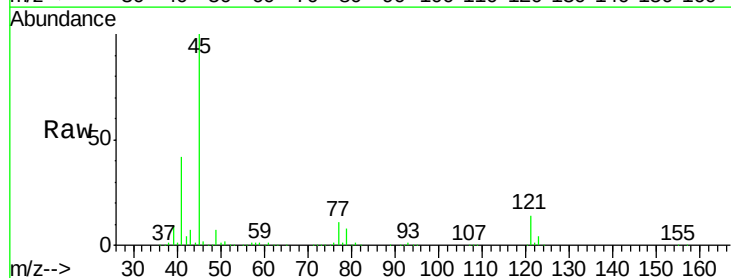
RT: 7.14 min Scan# 442

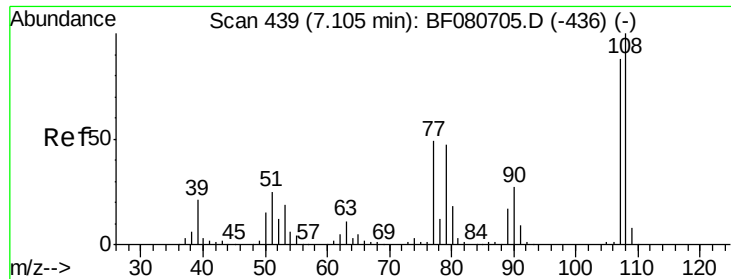
Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

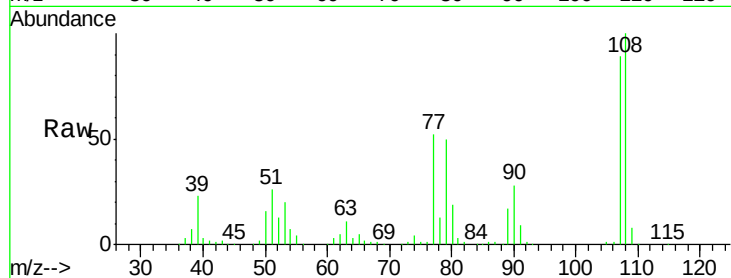
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 876114 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 10.6  | 0.0   | 29.9   |
| 79       | 8.3   | 0.0   | 27.4   |





#17  
2-Methylphenol  
Concen: 41.97 ng  
RT: 7.10 min Scan# 439  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

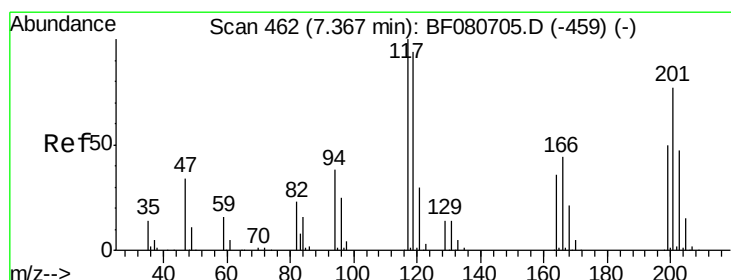
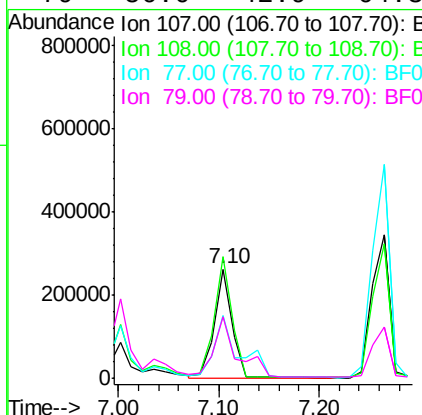
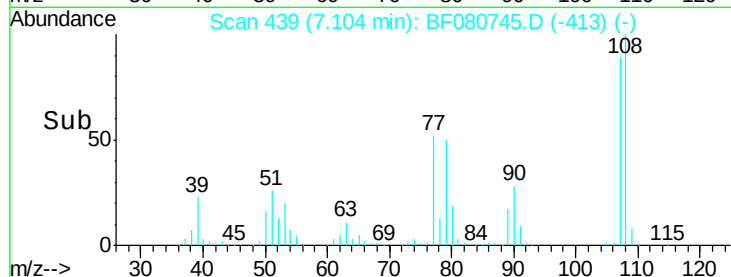
Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS



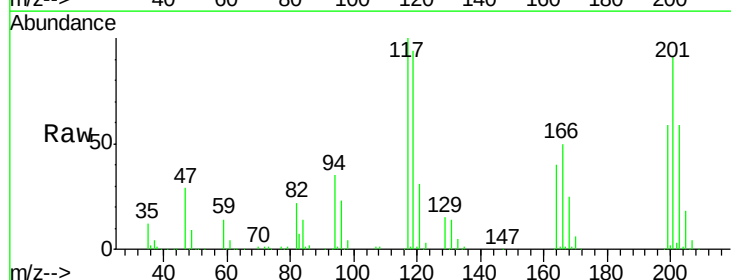
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 319804 |       |       |
| 108     | 112.0 | 90.8   | 136.2 |       |
| 77      | 58.0  | 44.6   | 67.0  |       |
| 79      | 56.0  | 42.9   | 64.3  |       |

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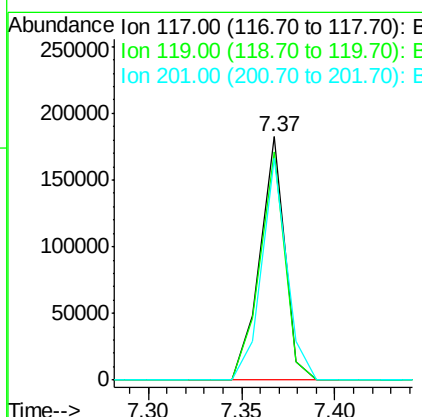
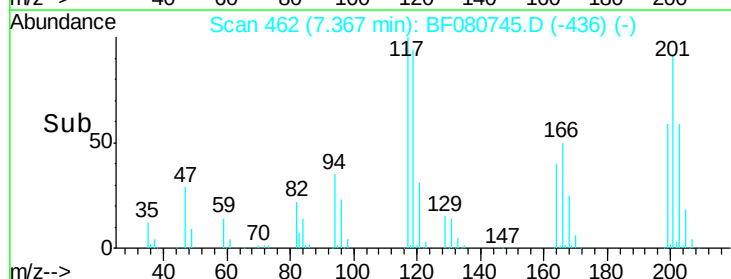
MMDadoda  
8/3/2015 11:56:03 AM

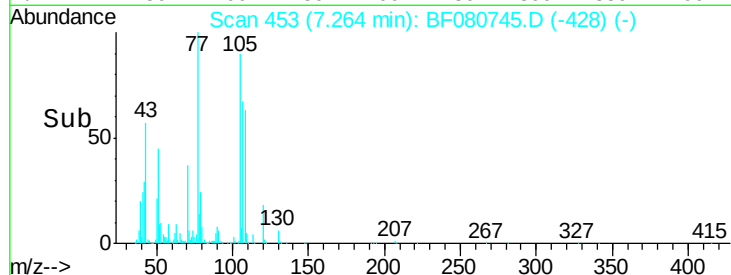
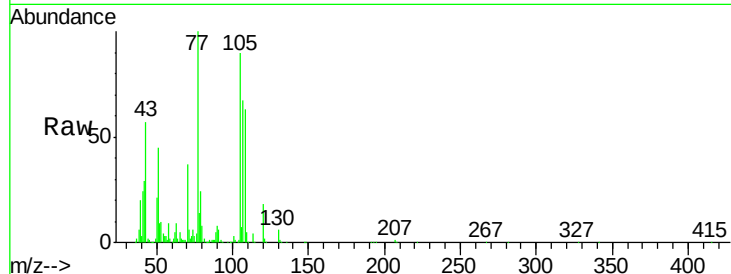
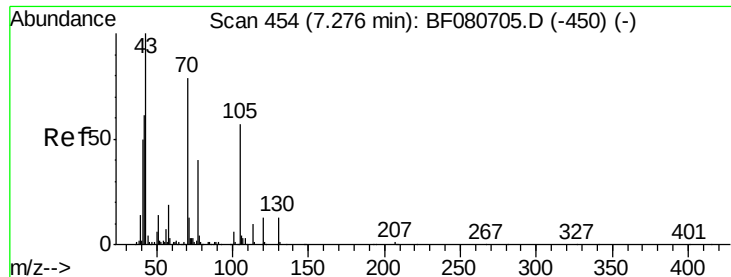


#18  
Hexachloroethane  
Concen: 42.85 ng  
RT: 7.37 min Scan# 462  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 168625 |       |       |
| 119     | 93.8  | 74.9   | 112.3 |       |
| 201     | 91.1  | 61.5   | 92.3  |       |





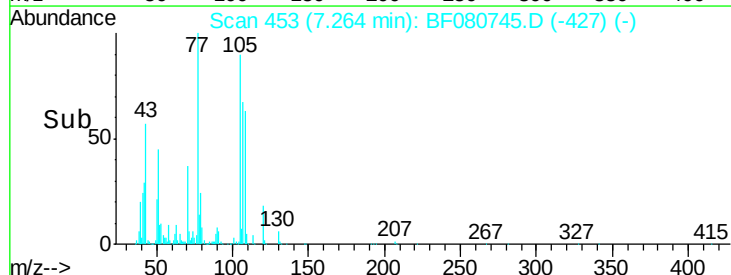
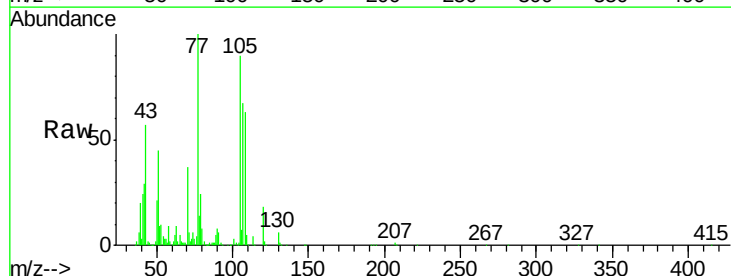
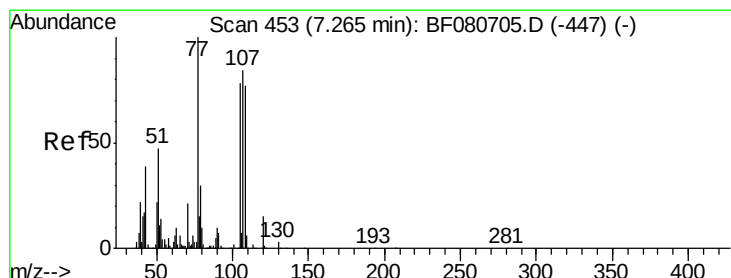
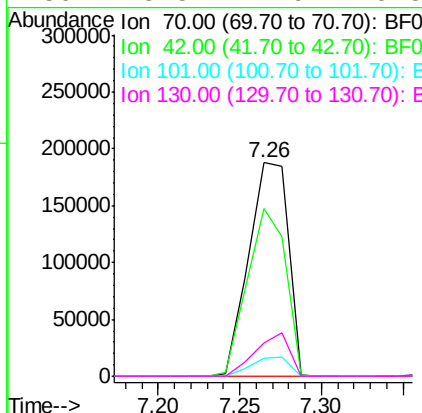
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.73 ng  
RT: 7.26 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

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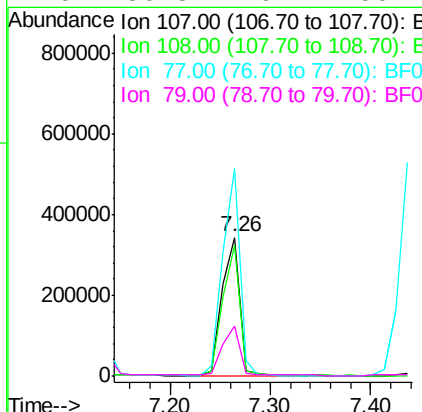
MMDadoda  
8/3/2015 11:56:03 AM

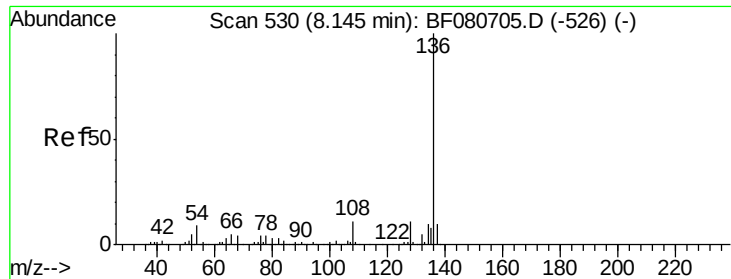
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 316860 |       |       |
| 42      | 78.8  | 61.8   | 92.6  |       |
| 101     | 8.6   | 6.1    | 9.1   |       |
| 130     | 15.5  | 12.9   | 19.3  |       |



#20  
3+4-Methylphenols  
Concen: 44.04 ng  
RT: 7.26 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 414013 |       |       |
| 108     | 94.1  | 71.8   | 111.8 |       |
| 77      | 149.6 | 99.8   | 139.8 |       |
| 79      | 36.3  | 16.2   | 56.2  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080745.D

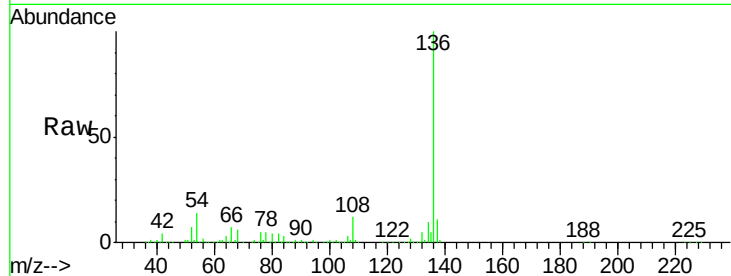
Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

ClientSampleId :

PB84784BS



Tgt Ion:136 Resp: 505086

Ion Ratio Lower Upper

136 100

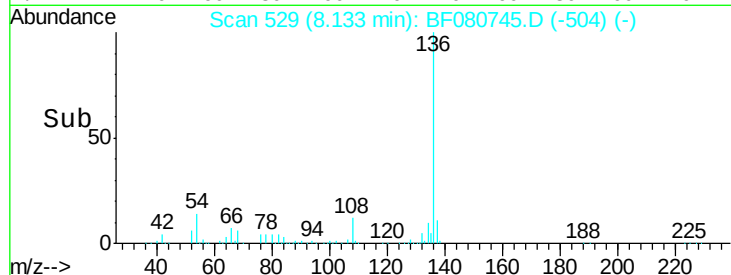
137 11.2 8.4 12.6

54 13.6 6.9 10.3#

68 5.8 3.5 5.3#

Manual Integrations  
APPROVED

MMDadoda  
8/3/2015 11:56:03 AM

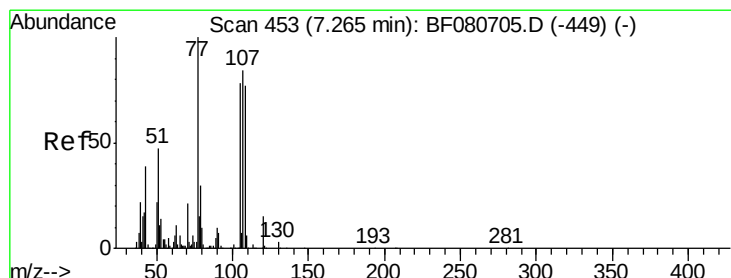
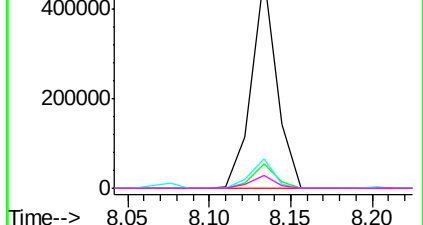


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.11 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Tgt Ion:105 Resp: 537737

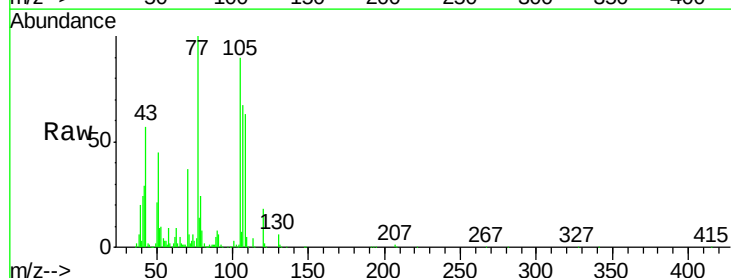
Ion Ratio Lower Upper

105 100

71 6.5 3.4 5.0#

51 49.7 47.9 71.9

120 19.8 15.0 22.6

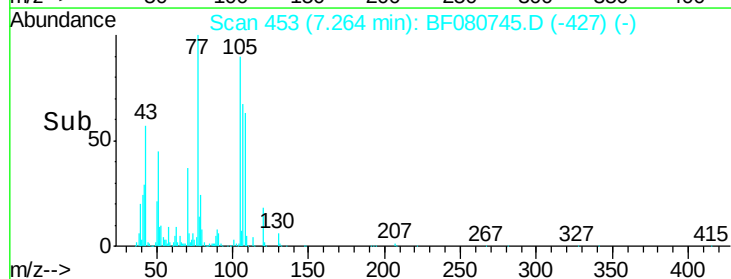
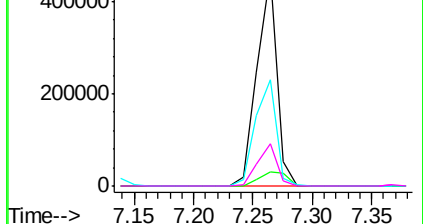


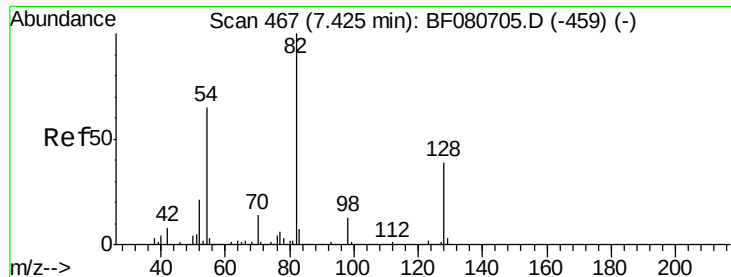
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





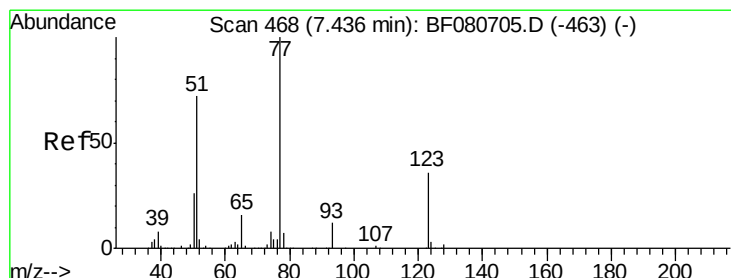
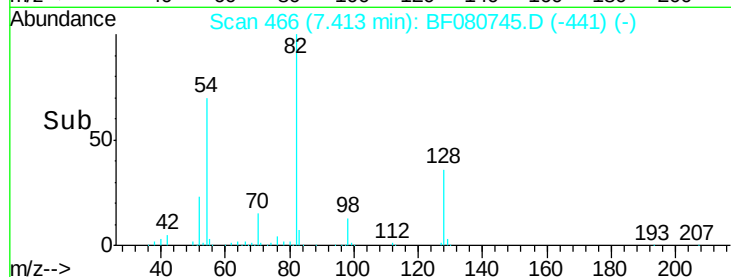
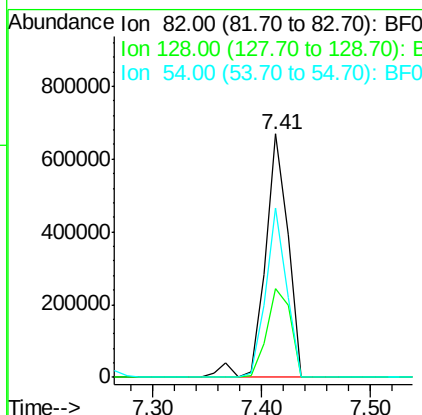
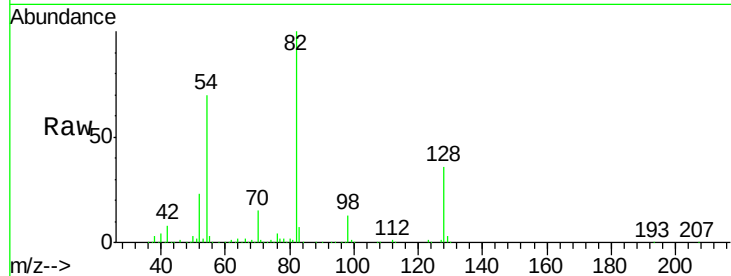
#23  
 Nitrobenzene-d5  
 Concen: 92.96 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.01 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 969605 |       |       |
| 128     | 36.3  | 31.5   | 47.3  |       |
| 54      | 69.6  | 51.8   | 77.8  |       |

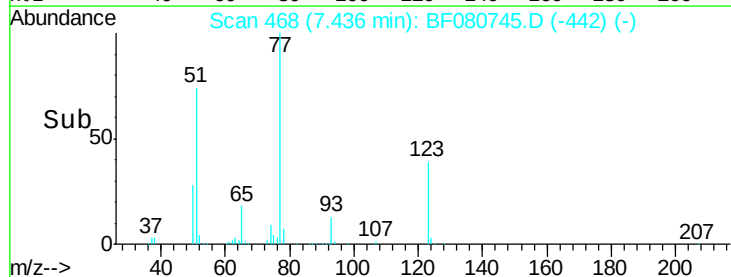
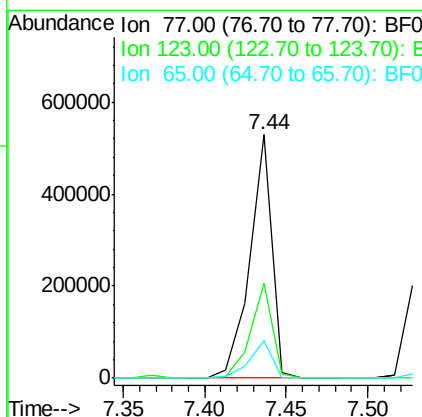
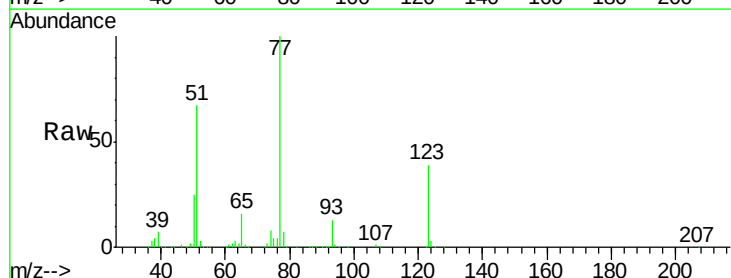
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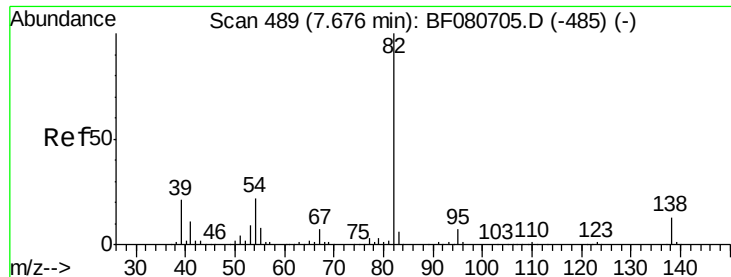


#24  
 Nitrobenzene  
 Concen: 47.16 ng  
 RT: 7.44 min Scan# 468  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 492833 |       |       |
| 123     | 39.0  | 28.9   | 43.3  |       |
| 65      | 15.5  | 13.0   | 19.4  |       |







#25

Isophorone

Concen: 44.17 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

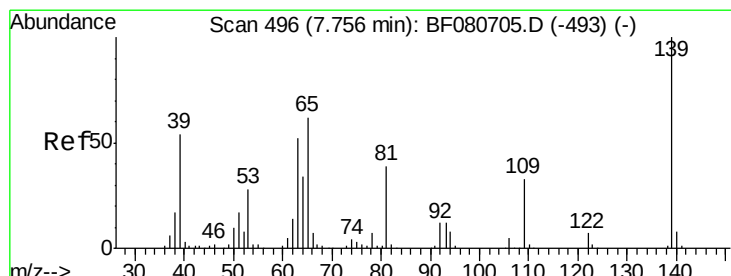
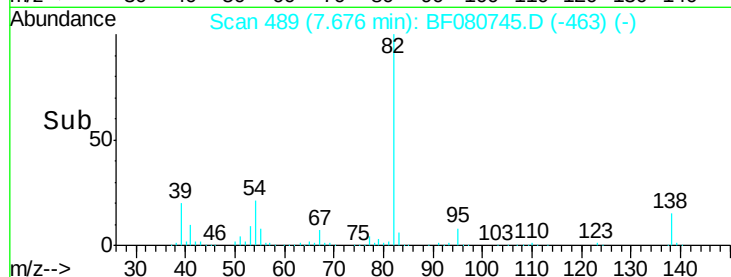
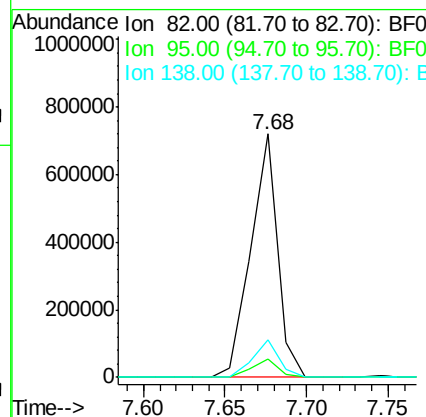
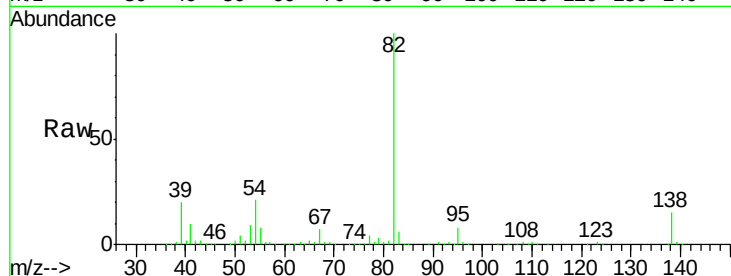
ClientSampleId :

PB84784BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 819365 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.7  | 5.8   | 8.6    |
| 138       | 15.2 | 10.7  | 16.1   |

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#26

2-Nitrophenol

Concen: 46.59 ng

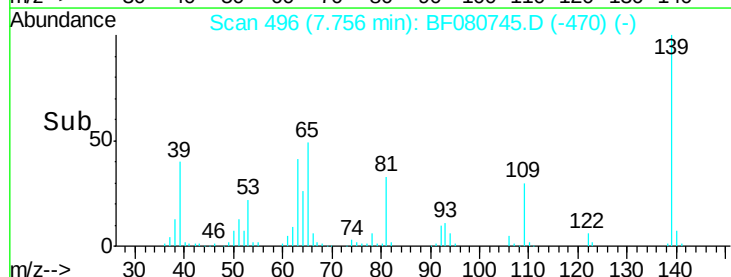
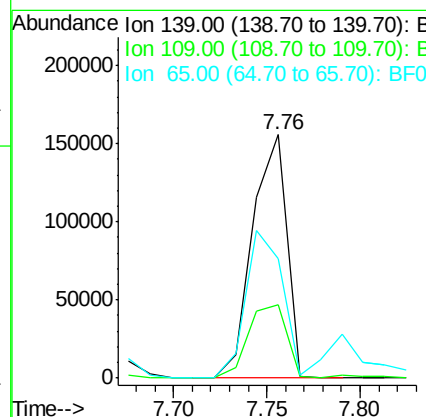
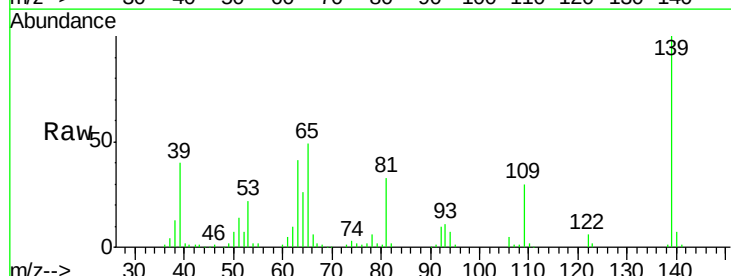
RT: 7.76 min Scan# 496

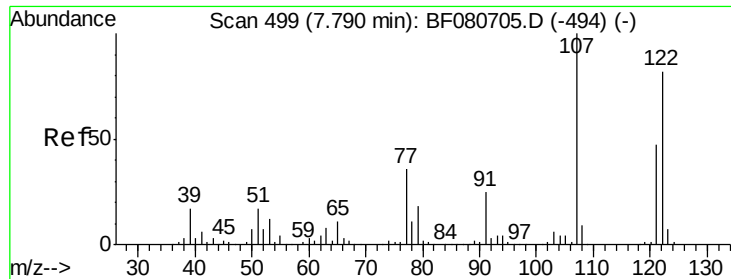
Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

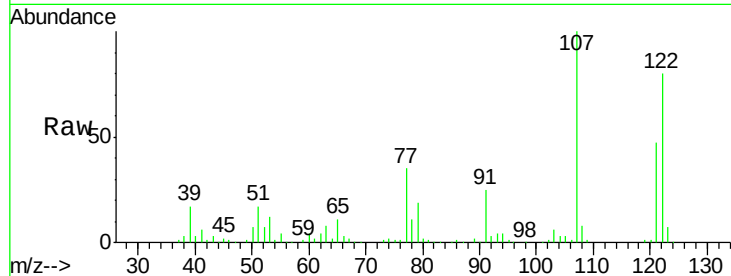
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 197630 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 30.3 | 26.5  | 39.7   |
| 65        | 48.9 | 49.8  | 74.8#  |





#27  
 2,4-Dimethylphenol  
 Concen: 56.29 ng  
 RT: 7.79 min Scan# 499  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

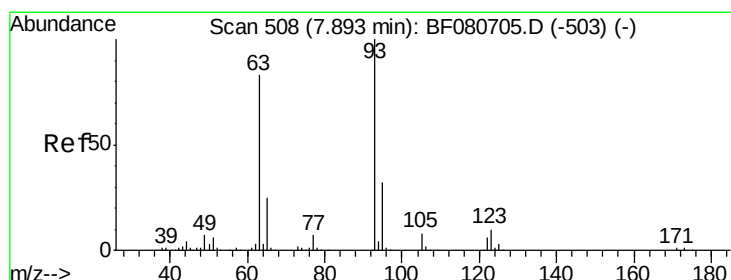
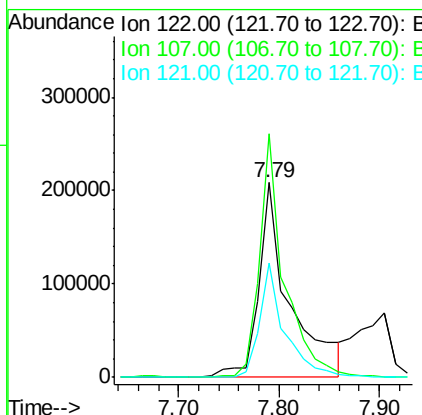
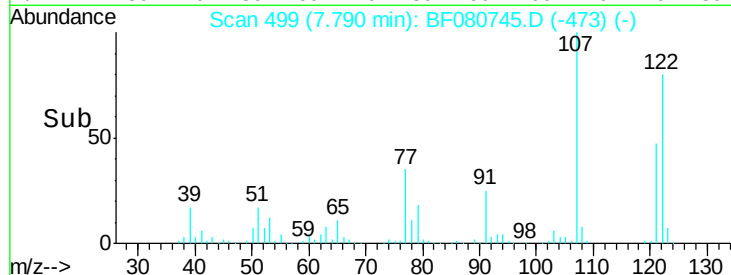
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 448545 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 125.0 | 98.1  | 147.1  |
| 121       | 58.6  | 45.8  | 68.8   |

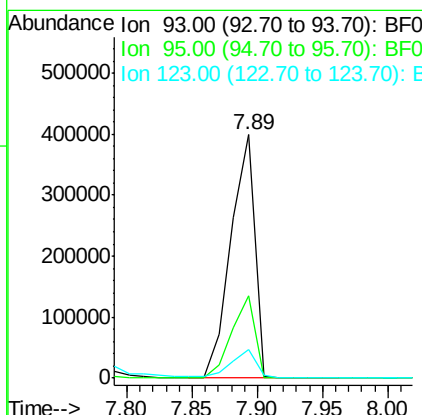
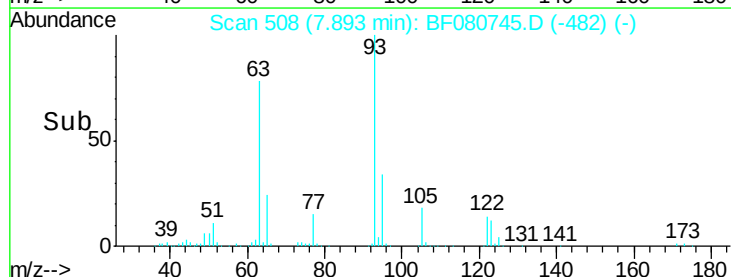
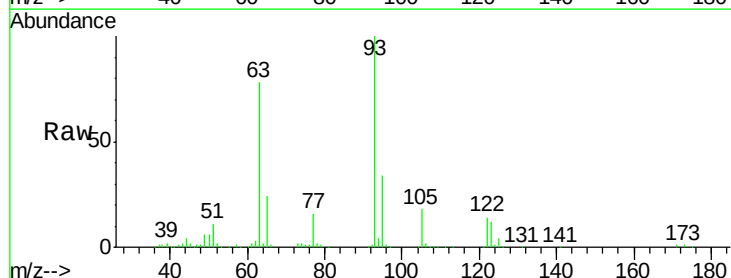
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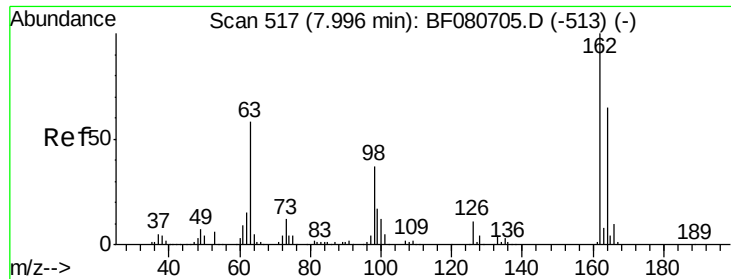
MMDadoda  
 8/3/2015 11:56:03 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.09 ng  
 RT: 7.89 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 506484 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.7  | 26.0  | 39.0   |
| 123       | 11.8  | 8.2   | 12.4   |





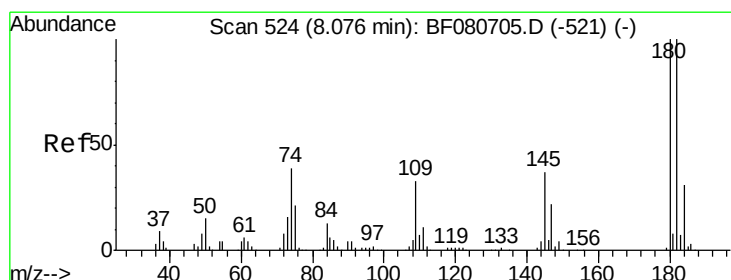
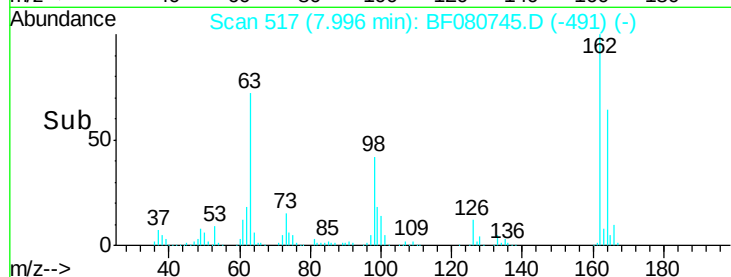
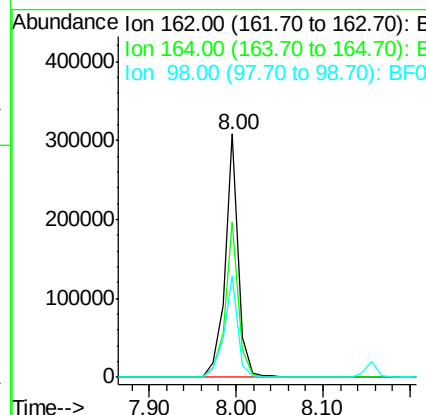
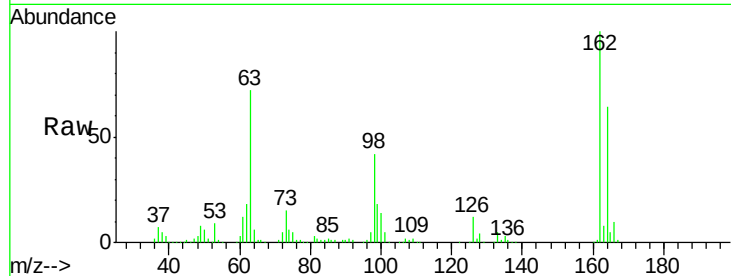
#29  
2,4-Dichlorophenol  
Concen: 46.54 ng  
RT: 8.00 min Scan# 517  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 329636 |       |       |
| 164     | 64.0  | 45.1   | 85.1  |       |
| 98      | 41.8  | 17.0   | 57.0  |       |

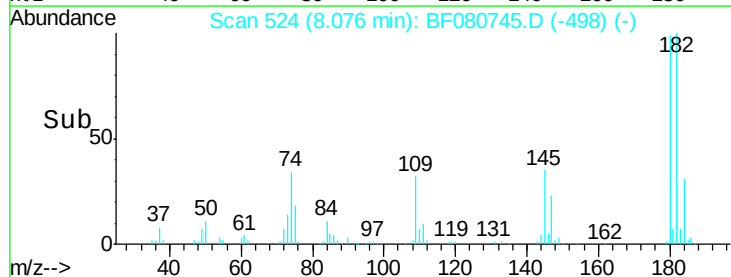
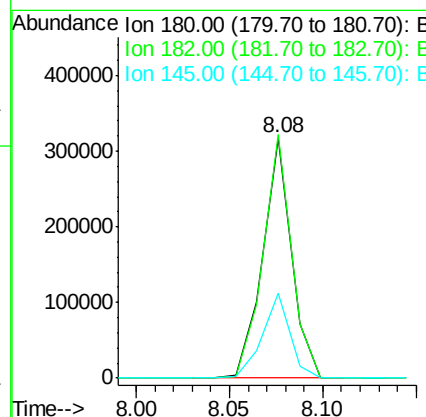
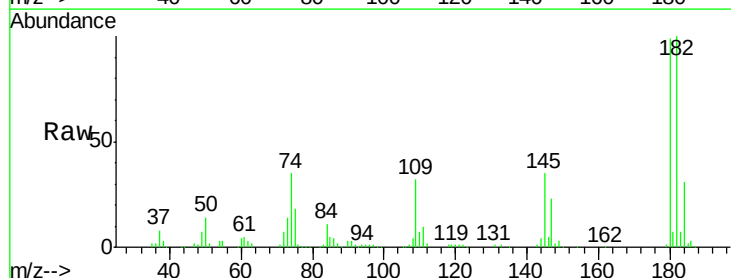
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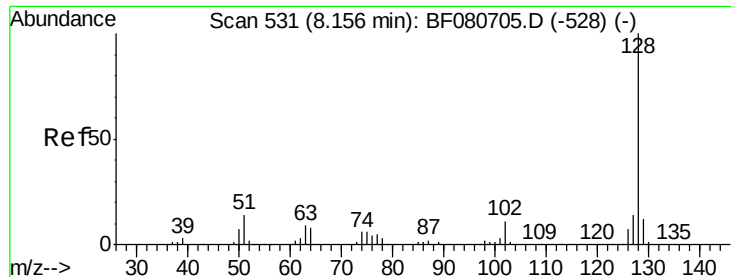
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#30  
1,2,4-Trichlorobenzene  
Concen: 43.77 ng  
RT: 8.08 min Scan# 524  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 338056 |       |       |
| 182     | 101.4 | 79.8   | 119.8 |       |
| 145     | 35.4  | 29.8   | 44.6  |       |





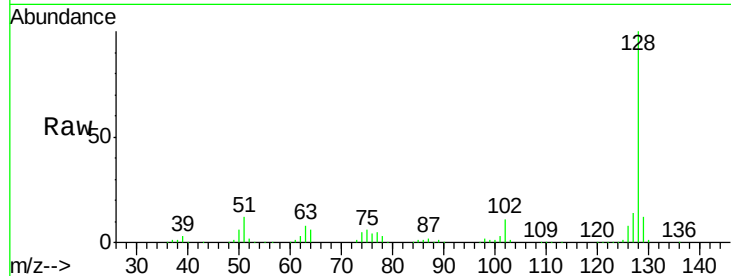
#31  
Naphthalene  
Concen: 42.45 ng  
RT: 8.16 min Scan# 531  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

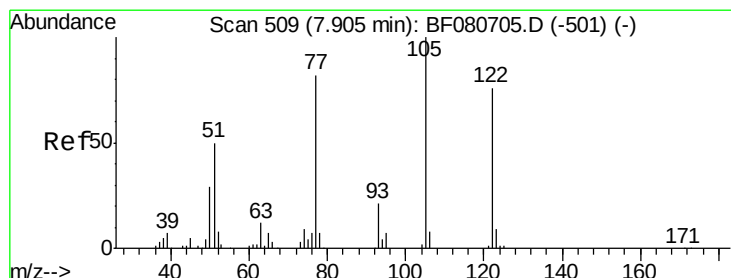
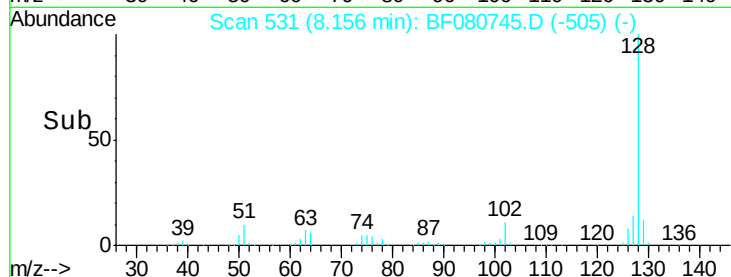
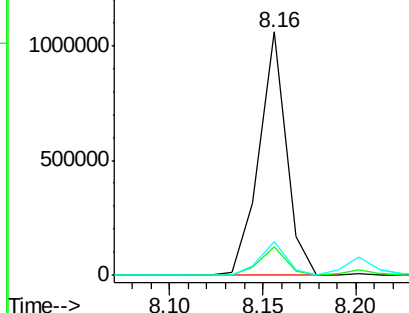
Tgt Ion:128 Resp: 1070128  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.5 14.3  
127 13.8 11.0 16.6

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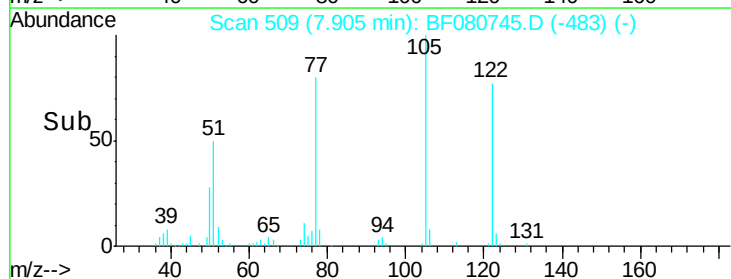
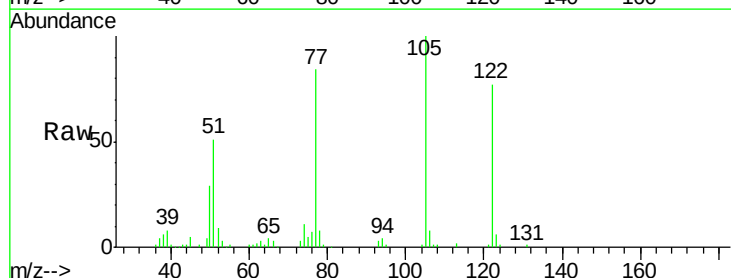
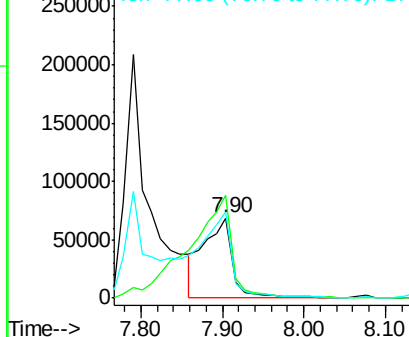
Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

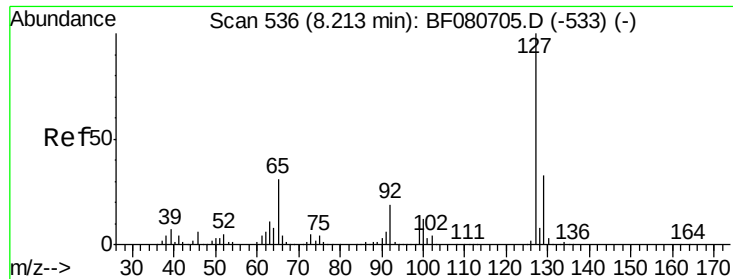


#32  
Benzoic acid  
Concen: 30.06 ng  
RT: 7.90 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Tgt Ion:122 Resp: 167324  
Ion Ratio Lower Upper  
122 100  
105 129.3 111.3 151.3  
77 108.0 88.1 128.1

Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





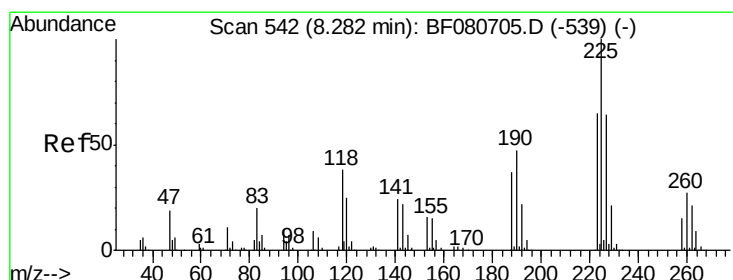
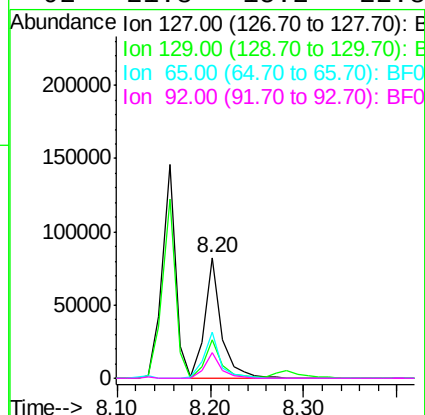
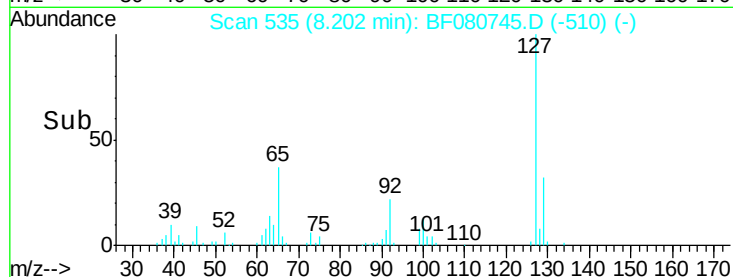
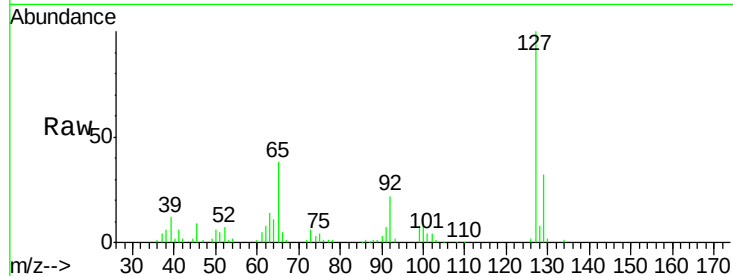
#33  
4-Chloroaniline  
Concen: 9.63 ng  
RT: 8.20 min Scan# 535  
Delta R.T. -0.01 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 102473 |       |       |
| 129     | 32.2  | 26.7   | 40.1  |       |
| 65      | 38.4  | 24.5   | 36.7  |       |
| 92      | 21.8  | 15.2   | 22.8  |       |

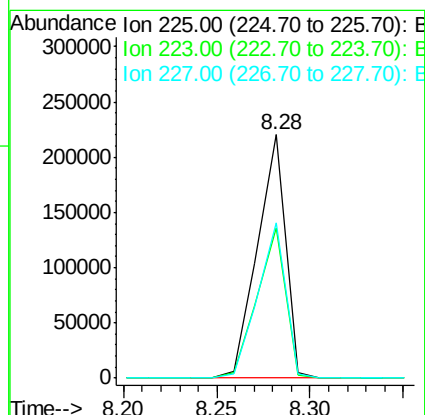
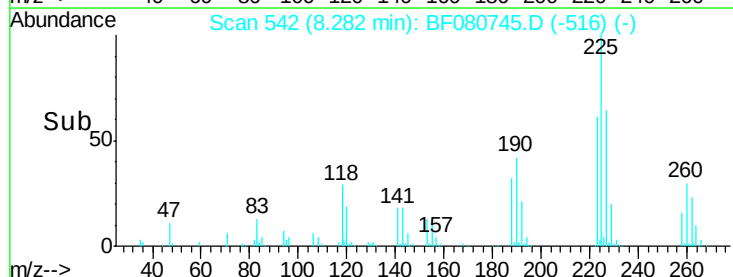
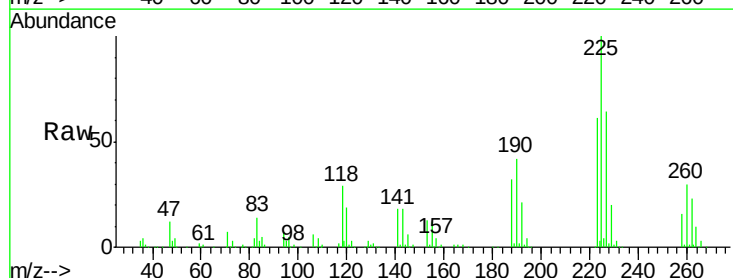
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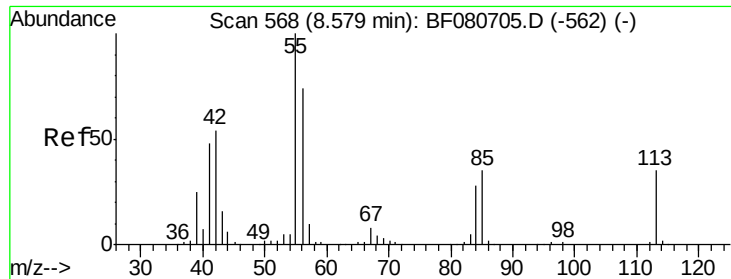
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#34  
Hexachlorobutadiene  
Concen: 46.14 ng  
RT: 8.28 min Scan# 542  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 230078 |       |       |
| 223     | 61.4  | 51.7   | 77.5  |       |
| 227     | 63.7  | 51.0   | 76.4  |       |





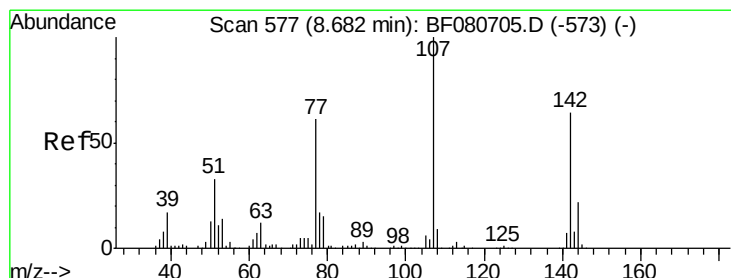
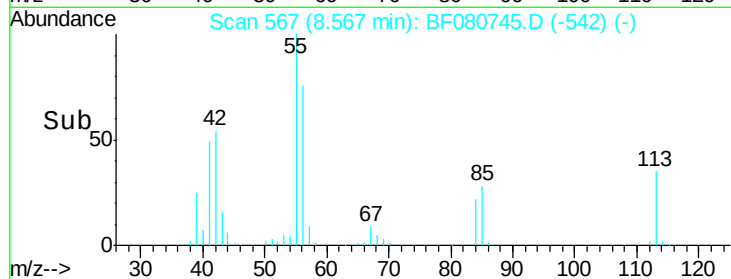
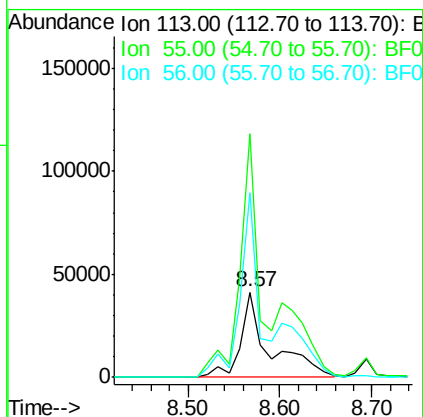
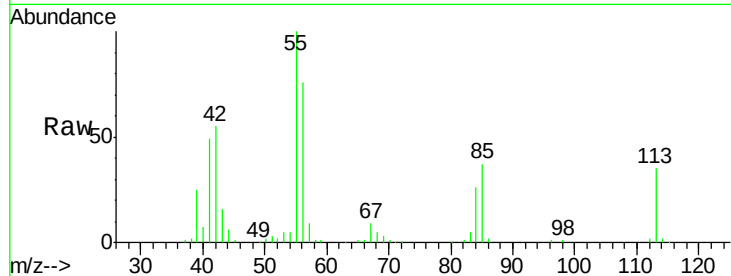
#35  
 Caprolactam  
 Concen: 43.44 ng m  
 RT: 8.57 min Scan# 567  
 Delta R.T. -0.01 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 285.8 | 269.3 | 309.3 |
| 56      | 216.5 | 193.3 | 233.3 |

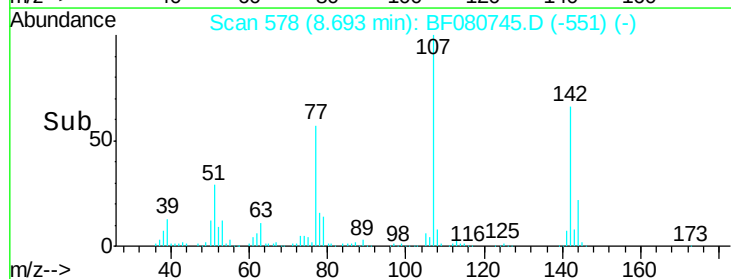
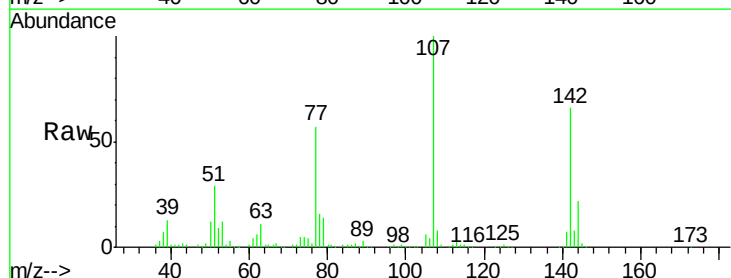
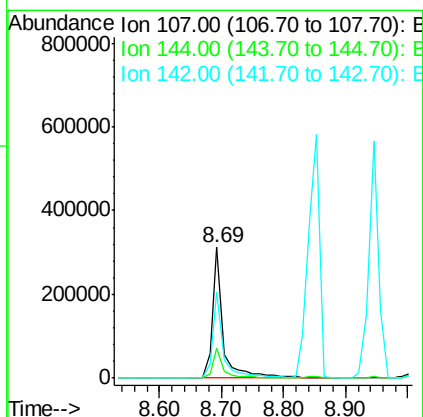
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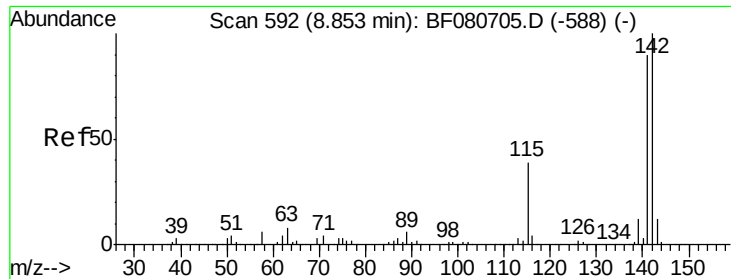
MMDadoda  
 8/3/2015 11:56:03 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.98 ng  
 RT: 8.69 min Scan# 578  
 Delta R.T. 0.01 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

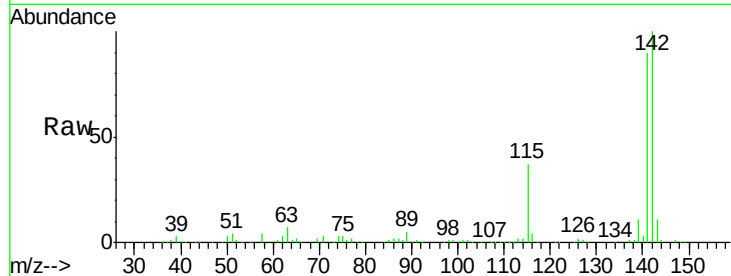
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.5  | 17.2  | 25.8  |
| 142     | 66.0  | 51.2  | 76.8  |





#37  
2-Methylnaphthalene  
Concen: 46.88 ng  
RT: 8.85 min Scan# 592  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

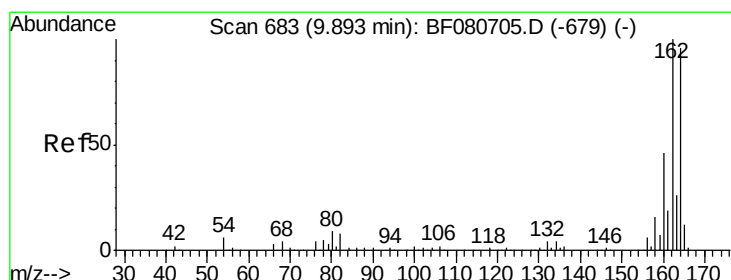
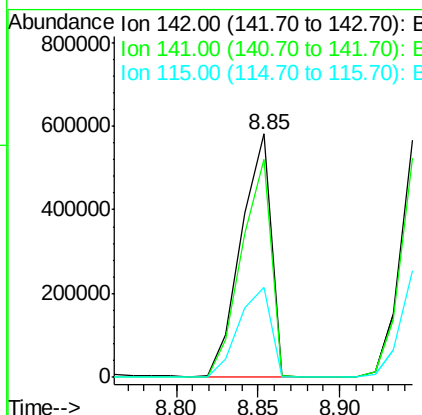
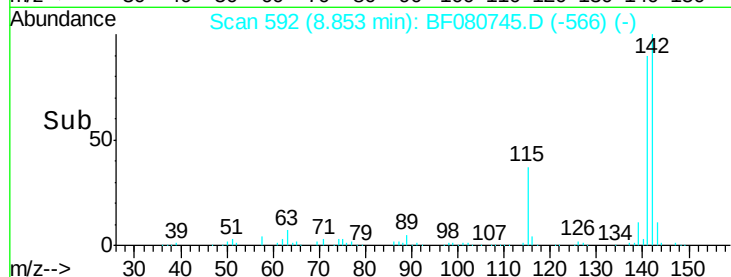
Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.9  | 107.9 |
| 115     | 37.0  | 31.4  | 47.2  |

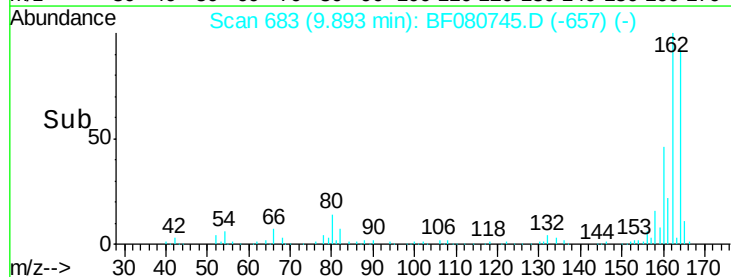
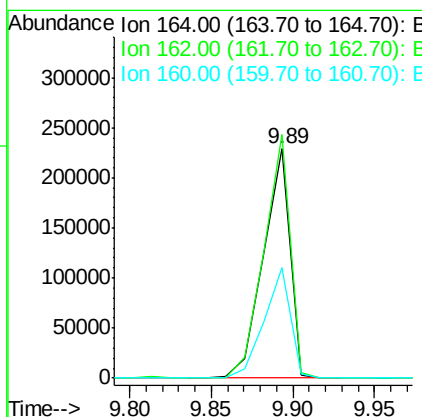
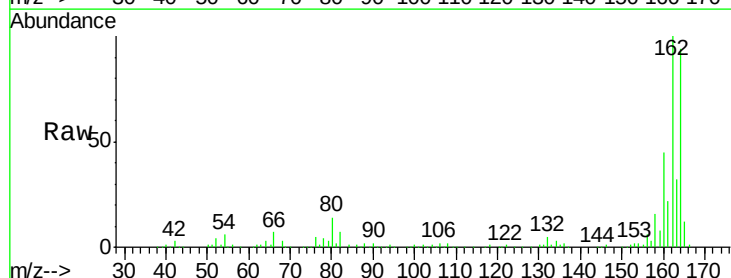
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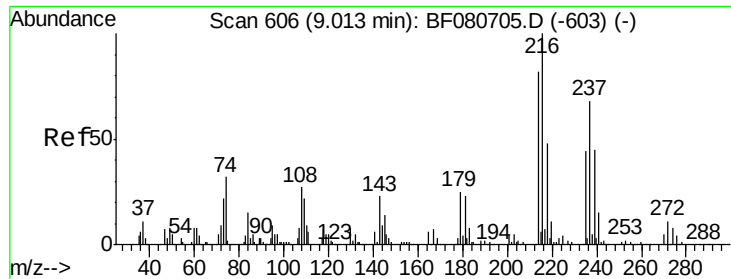
MMDadoda  
8/3/2015 11:56:03 AM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.89 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.1 | 83.4  | 125.0 |
| 160     | 48.3  | 38.0  | 57.0  |





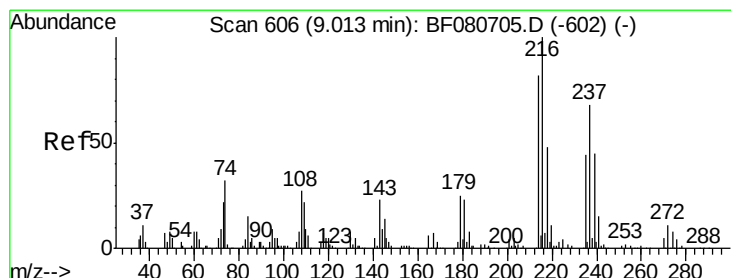
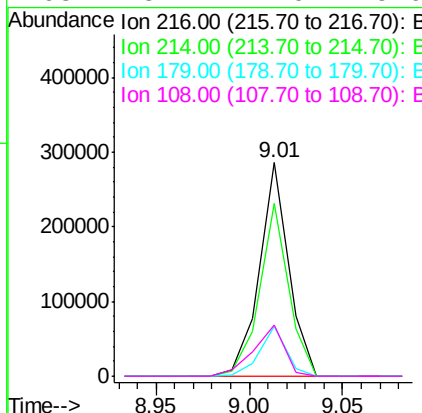
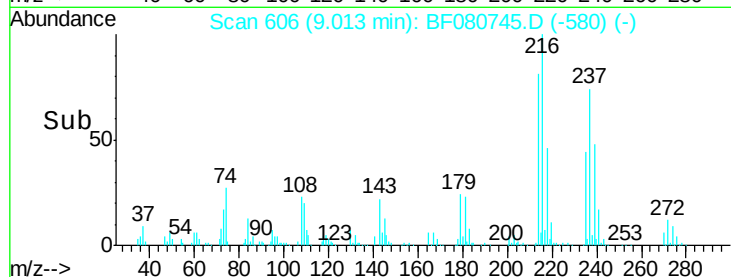
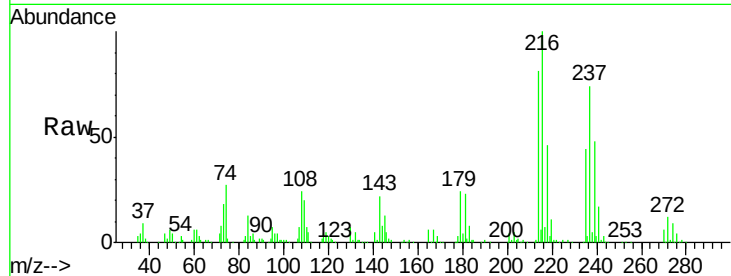
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.17 ng  
 RT: 9.01 min Scan# 606  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

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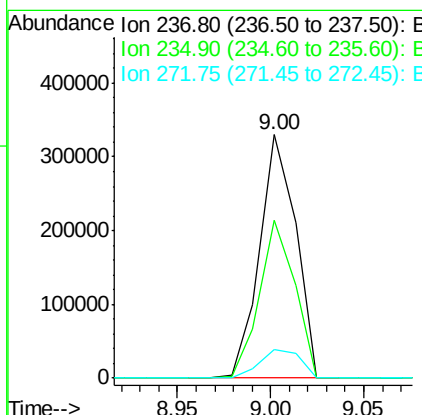
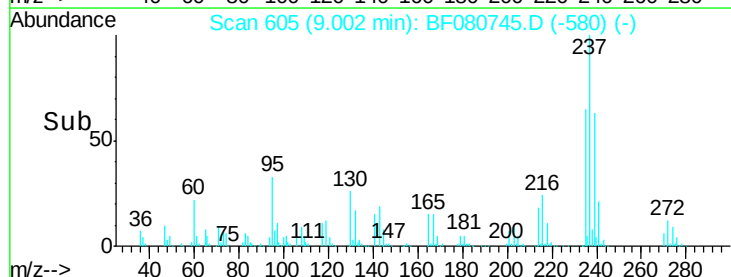
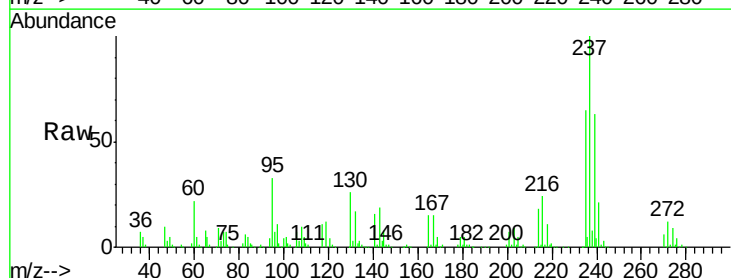
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 310863 |       |       |
| 214     | 79.9  | 63.1   | 94.7  |       |
| 179     | 21.6  | 16.9   | 25.3  |       |
| 108     | 25.2  | 17.0   | 25.6  |       |

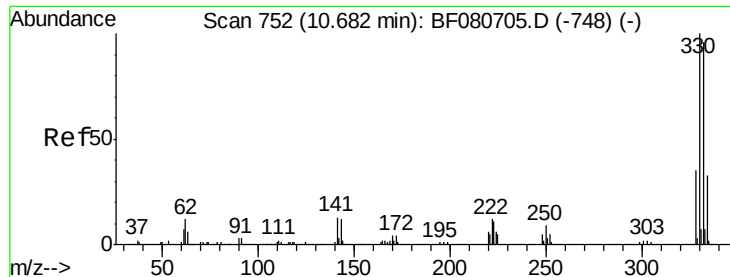


#40  
 Hexachlorocyclopentadiene  
 Concen: 88.48 ng  
 RT: 9.00 min Scan# 605  
 Delta R.T. -0.01 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 443313 |       |       |
| 235     | 64.7  | 44.3   | 84.3  |       |
| 272     | 11.5  | 0.0    | 35.5  |       |







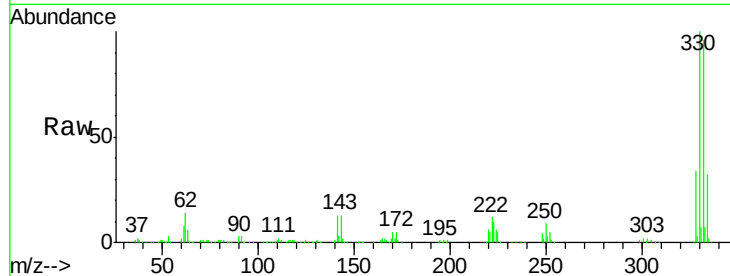
#41  
 2,4,6-Tribromophenol  
 Concen: 142.68 ng  
 RT: 10.68 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

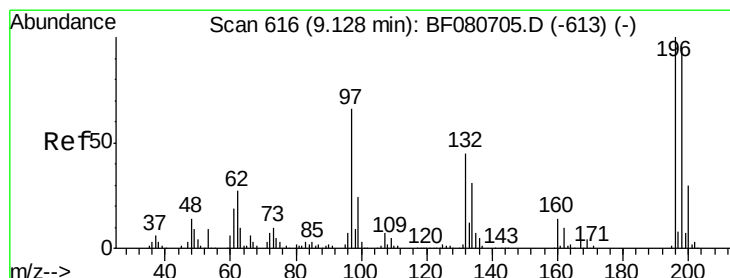
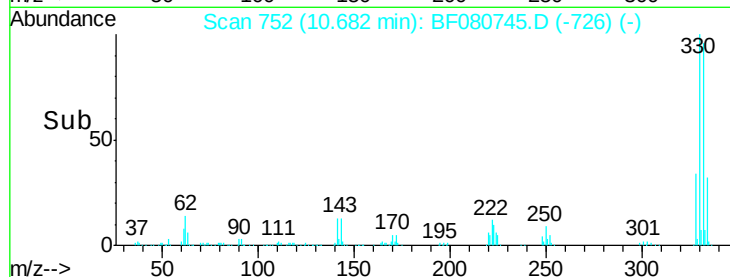
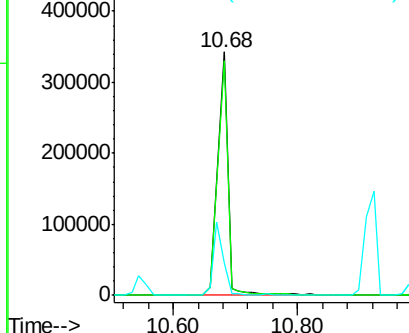
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 383944 |       |       |
| 332     | 97.7  | 76.6   | 114.8 |       |
| 141     | 30.0  | 26.0   | 39.0  |       |

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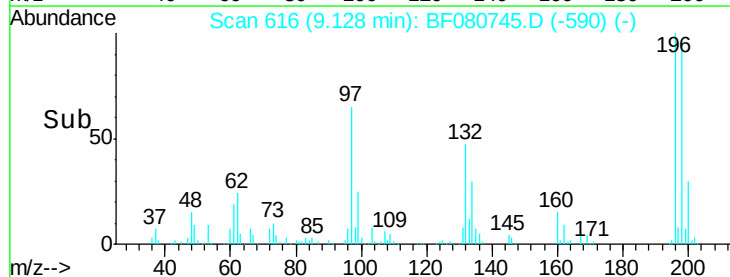
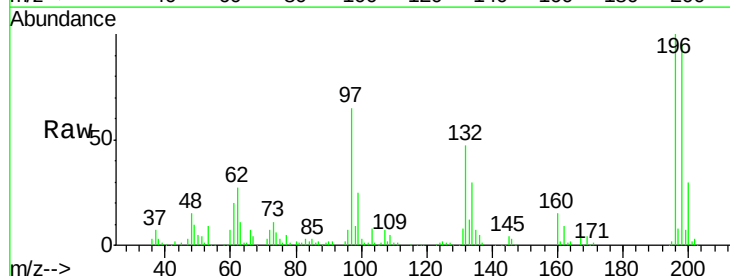
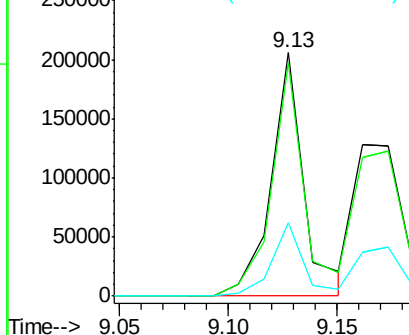
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

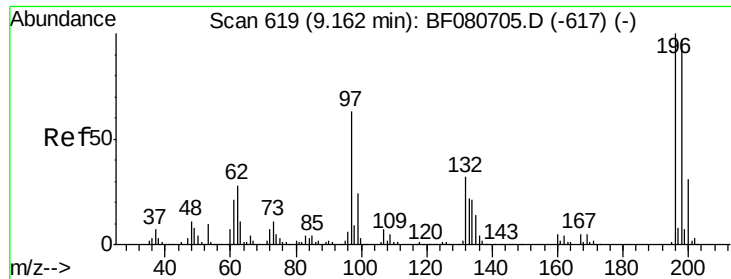


#42  
 2,4,6-Trichlorophenol  
 Concen: 38.40 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 217534 |       |       |
| 198     | 96.1  | 75.8   | 113.8 |       |
| 200     | 30.3  | 24.2   | 36.2  |       |

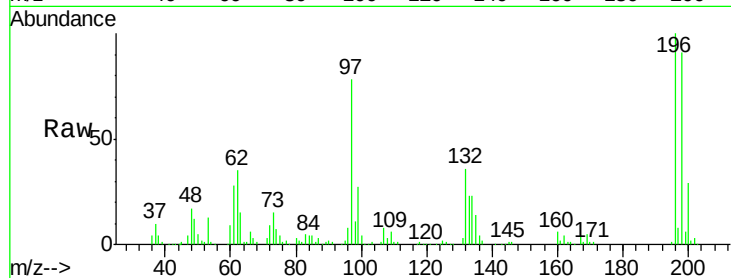
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#43  
 2,4,5-Trichlorophenol  
 Concen: 44.98 ng  
 RT: 9.16 min Scan# 619  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

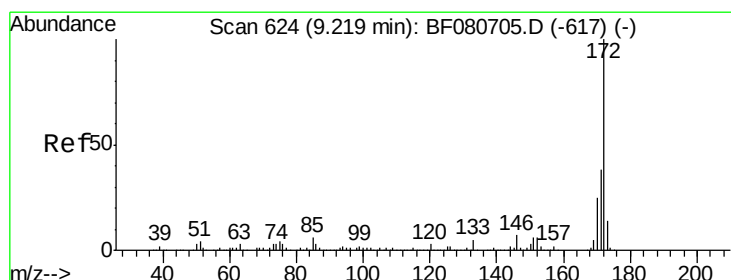
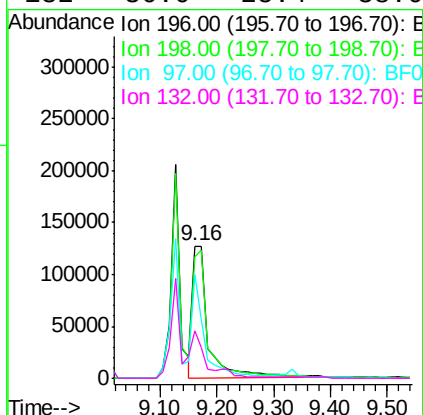
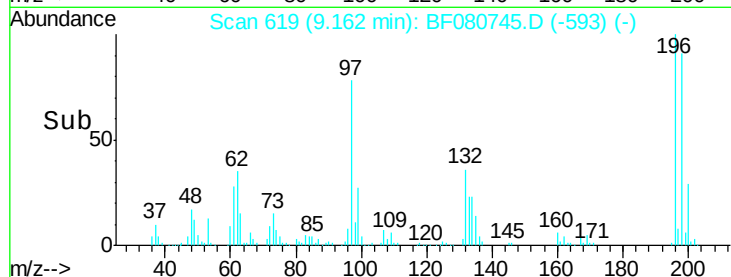
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 252784 |       |       |
| 198     | 91.4  | 77.8   | 116.8 |       |
| 97      | 78.4  | 49.0   | 73.4  |       |
| 132     | 36.0  | 25.4   | 38.0  |       |

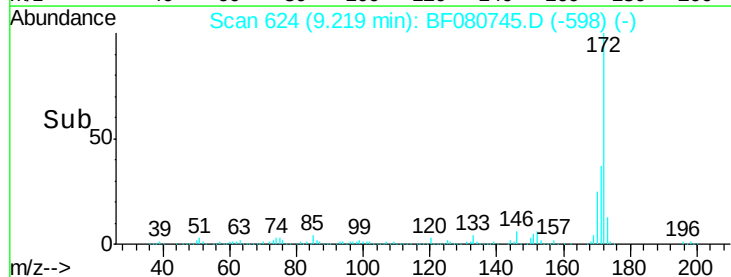
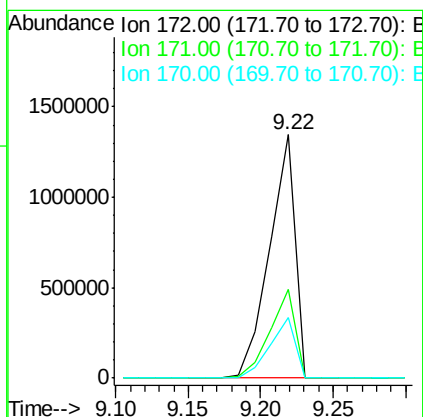
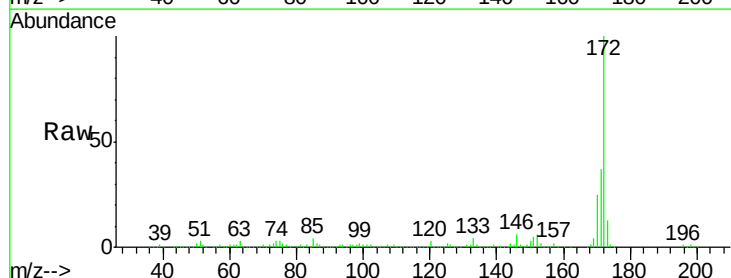
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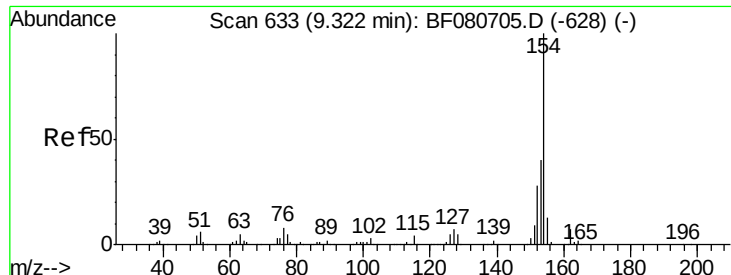
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#44  
 2-Fluorobiphenyl  
 Concen: 94.95 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1650533 |       |       |
| 171     | 36.7  | 30.2    | 45.4  |       |
| 170     | 24.9  | 20.2    | 30.2  |       |





#45

1,1'-Biphenyl

Concen: 39.72 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

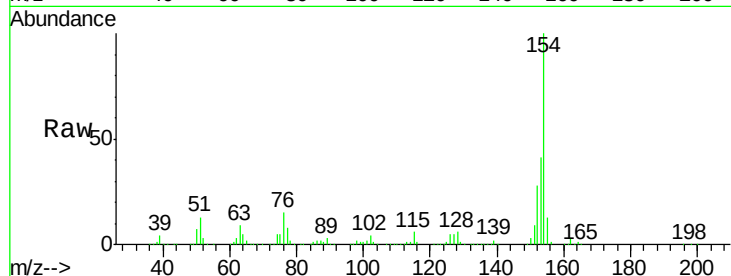
ClientSampleId :

PB84784BS

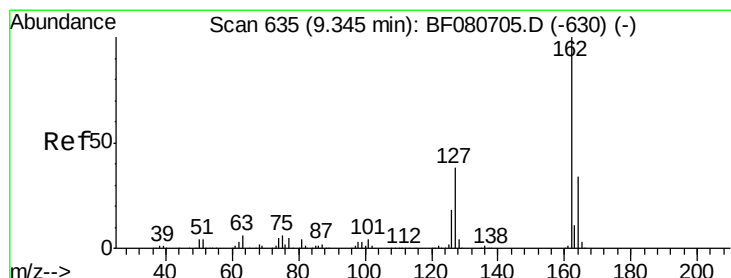
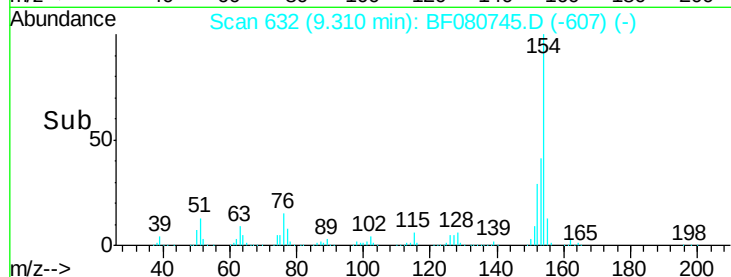
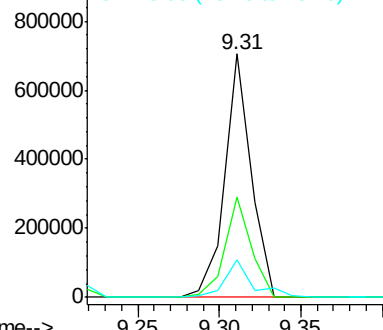
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 789928 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.0  | 19.9  | 59.9   |
| 76        | 15.2  | 0.0   | 28.3   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.01 ng

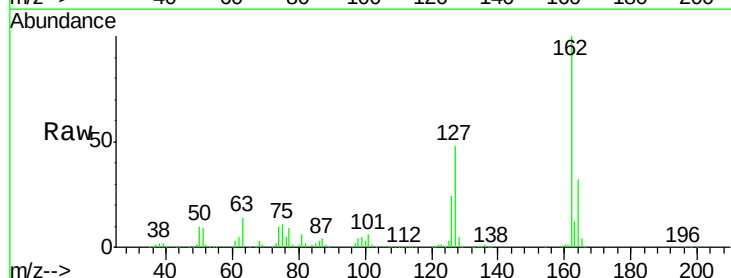
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

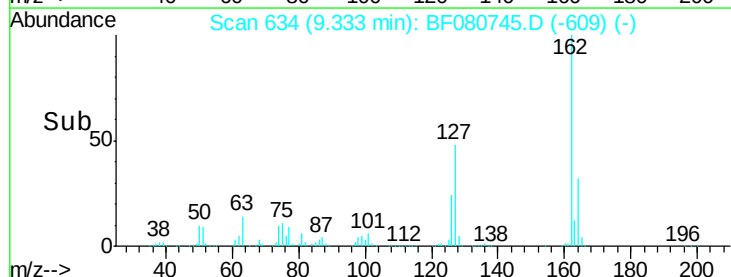
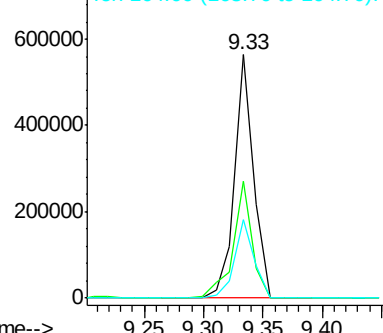
Lab File: BF080745.D

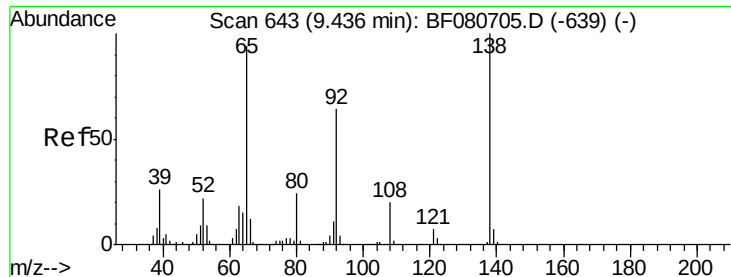
Acq: 31 Jul 2015 20:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 633523 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 48.1  | 30.2  | 45.4#  |
| 164       | 32.5  | 27.1  | 40.7   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





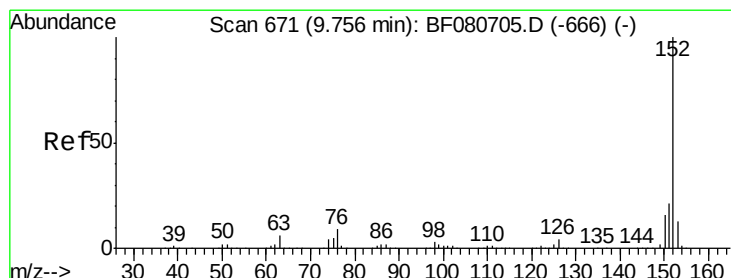
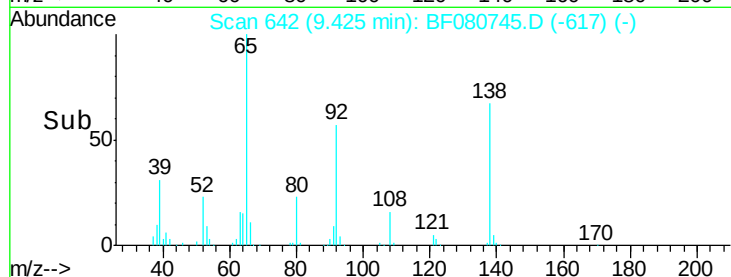
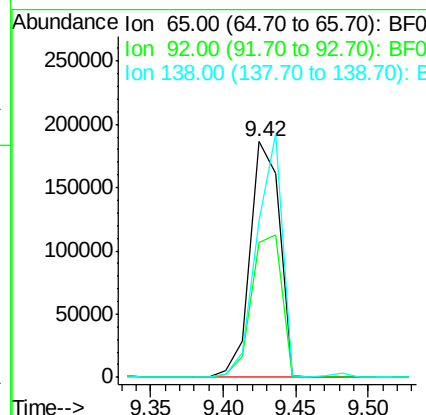
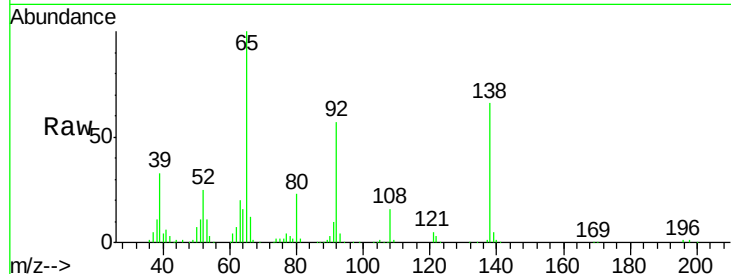
#47  
2-Nitroaniline  
Concen: 41.58 ng  
RT: 9.42 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 57.0  | 54.9  | 82.3  |
| 138     | 66.3  | 85.1  | 127.7 |

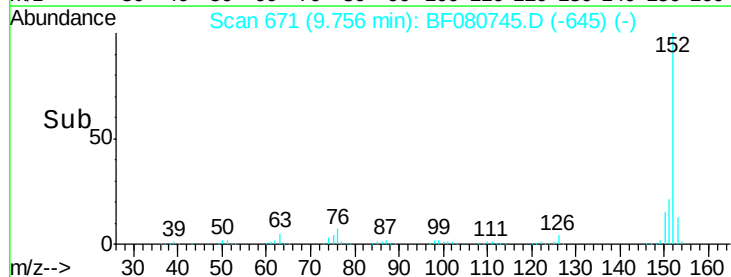
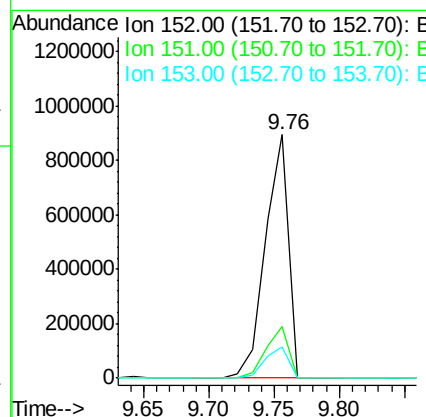
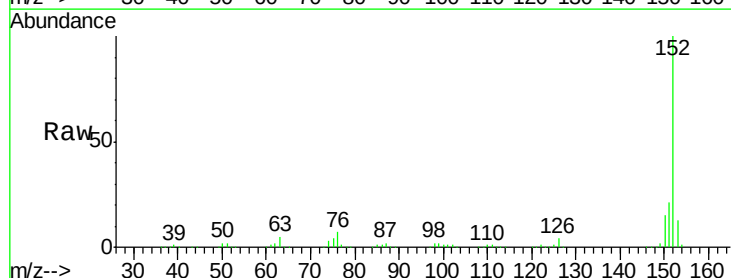
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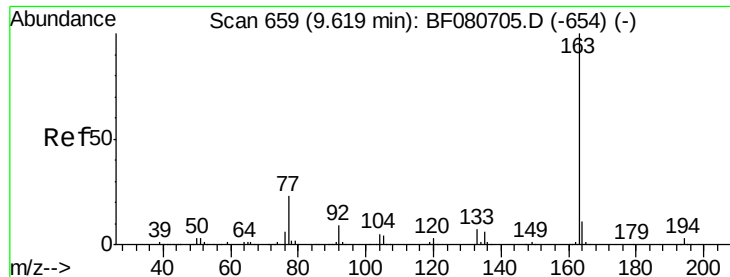
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#48  
Acenaphthylene  
Concen: 42.65 ng  
RT: 9.76 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 17.0  | 25.6  |
| 153     | 12.9  | 10.8  | 16.2  |





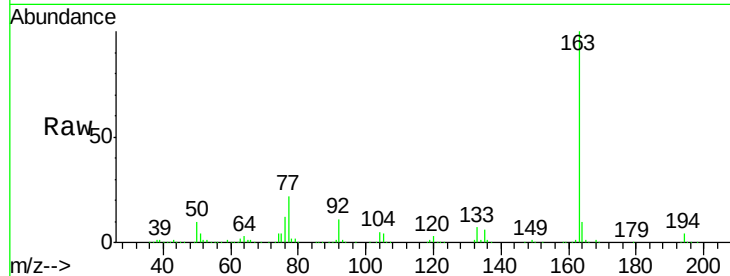
#49  
Dimethylphthalate  
Concen: 46.45 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

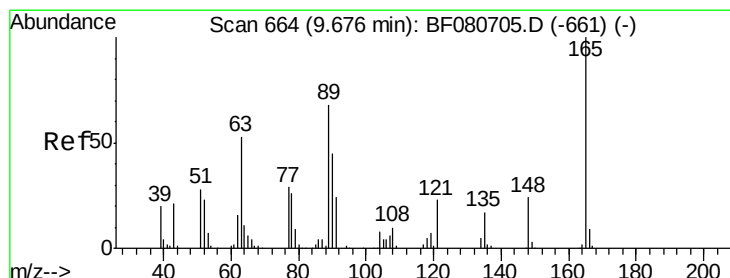
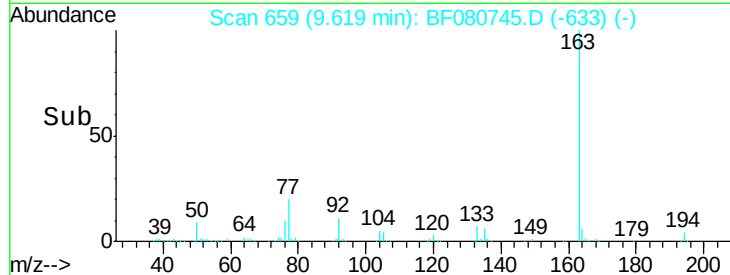
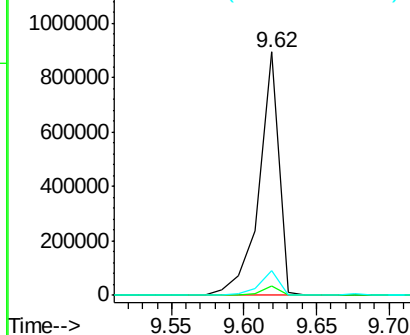
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 848959 |       |       |
| 194     | 3.7   | 2.7    | 4.1   |       |
| 164     | 10.4  | 8.7    | 13.1  |       |

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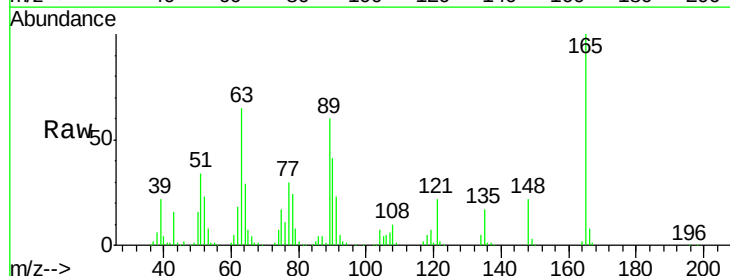


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

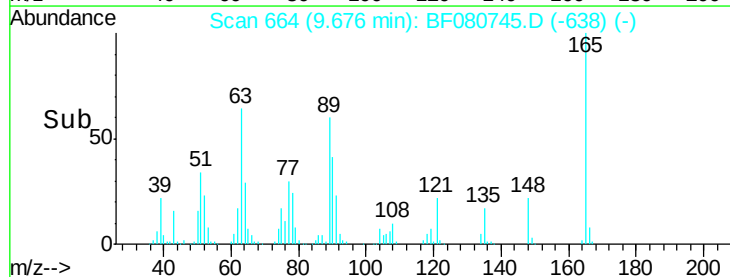
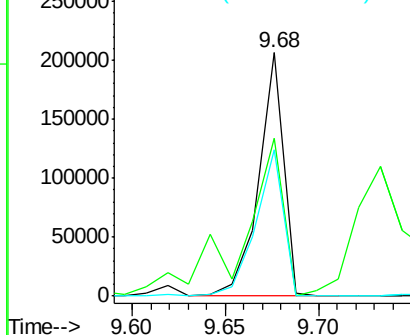


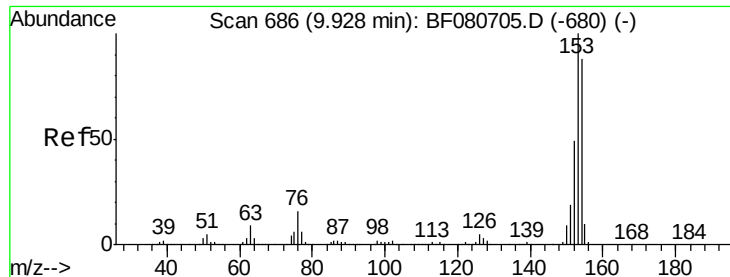
#50  
2,6-Dinitrotoluene  
Concen: 48.73 ng  
RT: 9.68 min Scan# 664  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 189002 |       |       |
| 63      | 64.6  | 62.3   | 93.5  |       |
| 89      | 60.3  | 54.8   | 82.2  |       |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.97 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

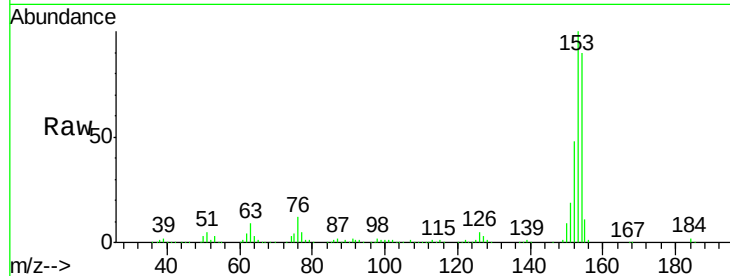
ClientSampleId :

PB84784BS

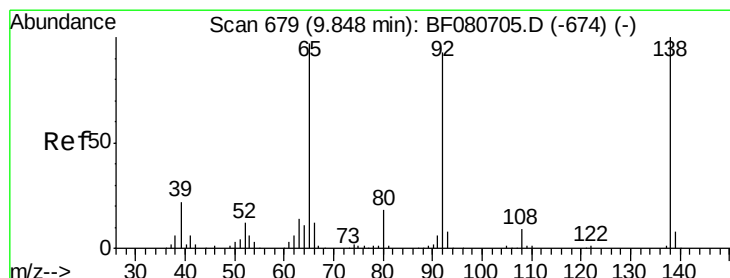
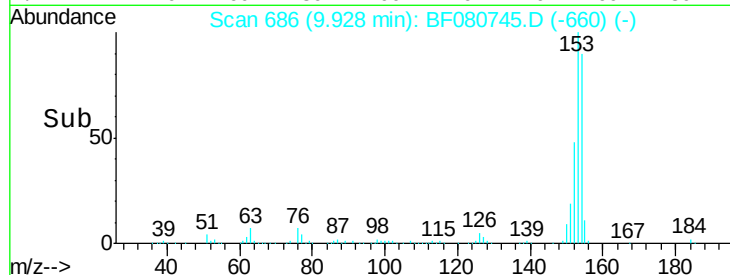
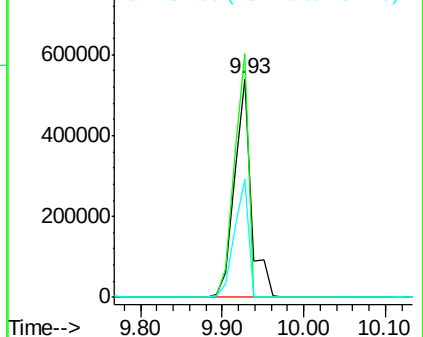
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 771475 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.6 | 90.7  | 136.1  |
| 152       | 54.1  | 44.2  | 66.4   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.23 ng

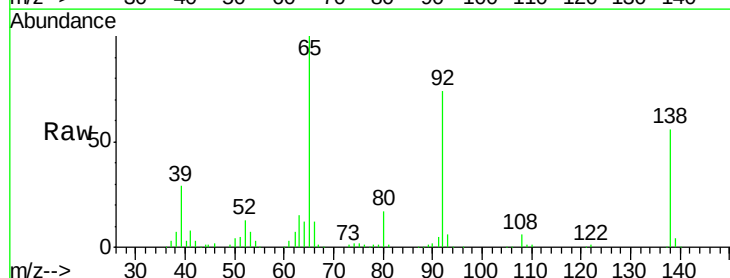
RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

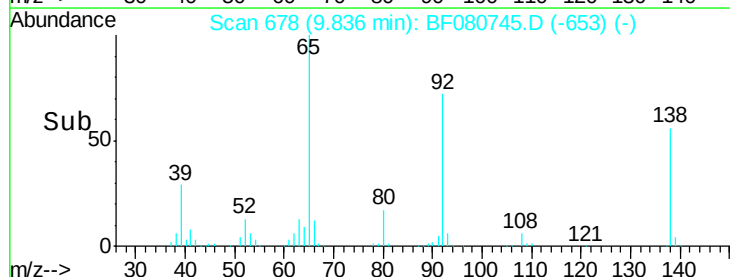
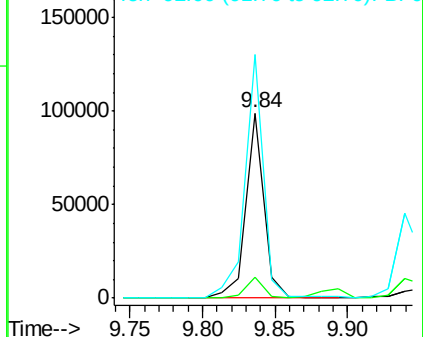
Lab File: BF080745.D

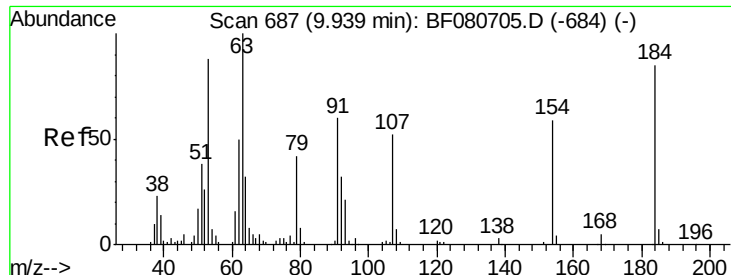
Acq: 31 Jul 2015 20:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 86065  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.5  | 6.9   | 10.3#  |
| 92        | 131.6 | 74.1  | 111.1# |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





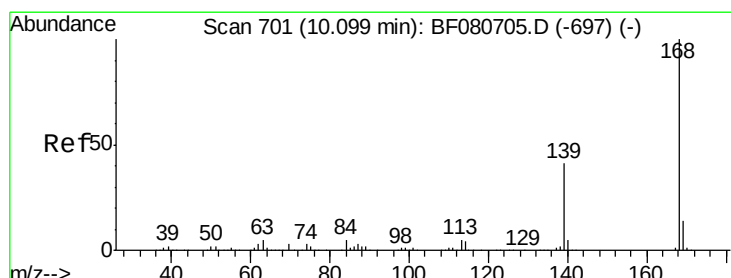
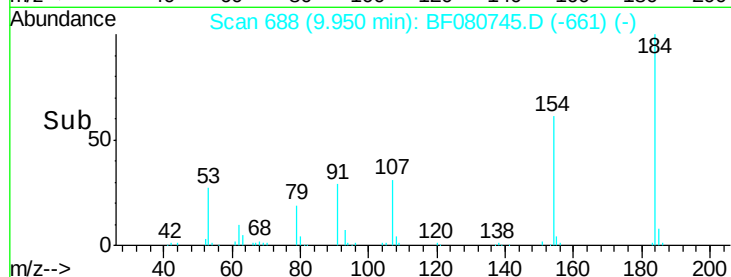
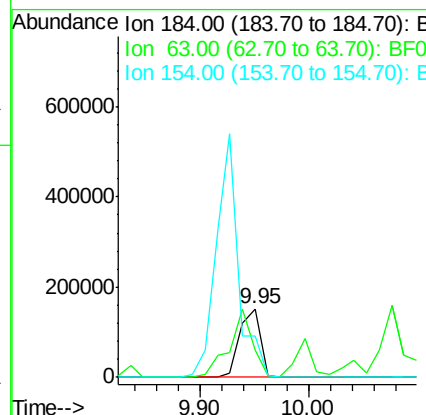
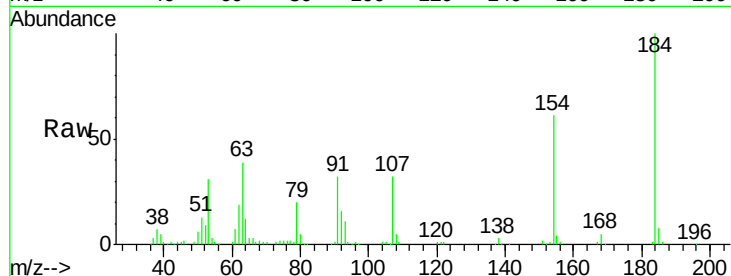
#53  
2,4-Dinitrophenol  
Concen: 96.20 ng  
RT: 9.95 min Scan# 688  
Delta R.T. 0.01 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 198726 |        |       |
| 63      | 39.3  | 96.0   | 144.0# |       |
| 154     | 60.8  | 66.0   | 99.0#  |       |

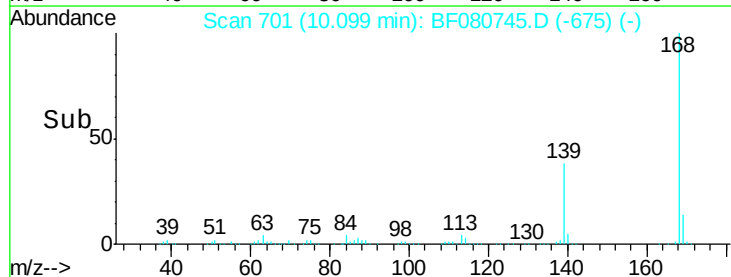
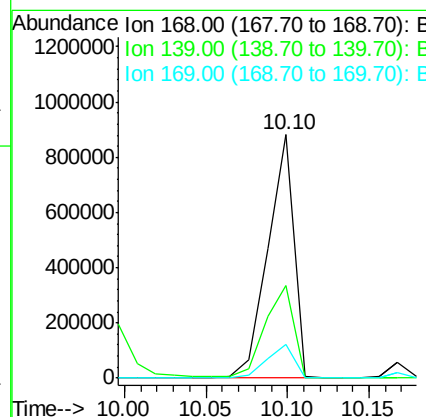
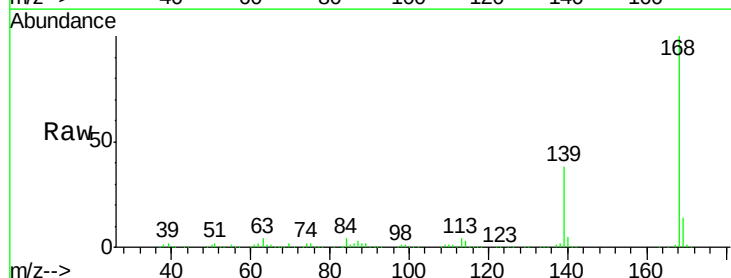
Manual Integrations  
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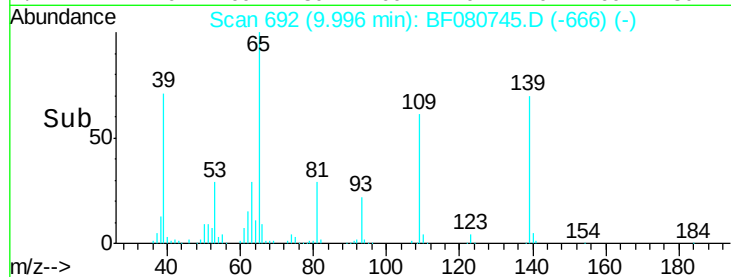
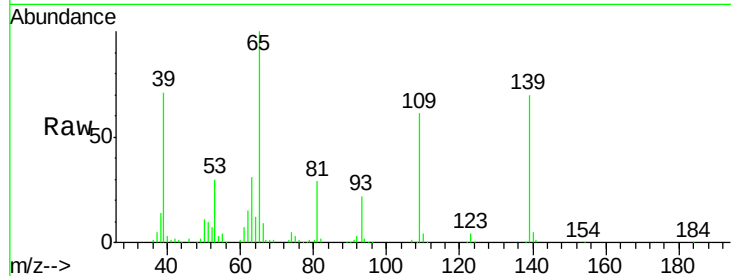
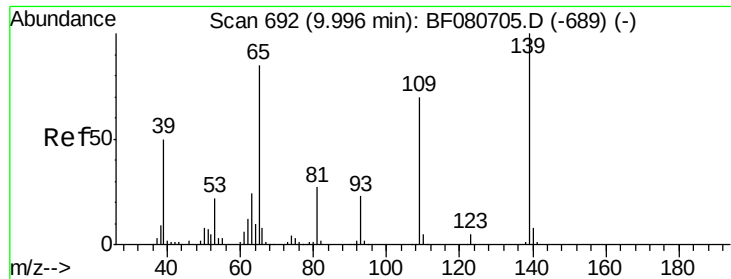
MMDadoda  
8/3/2015 11:56:03 AM



#54  
Dibenzofuran  
Concen: 46.53 ng  
RT: 10.10 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 980517 |       |       |
| 139     | 38.1  | 33.0   | 49.6  |       |
| 169     | 14.1  | 11.4   | 17.2  |       |





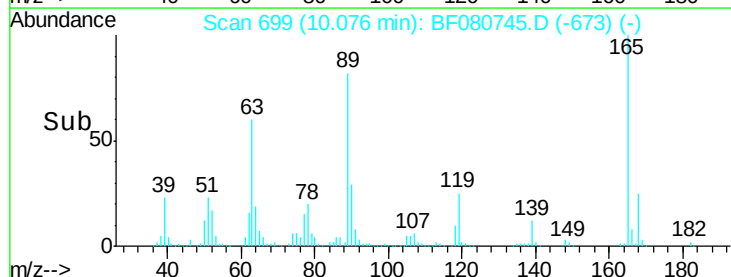
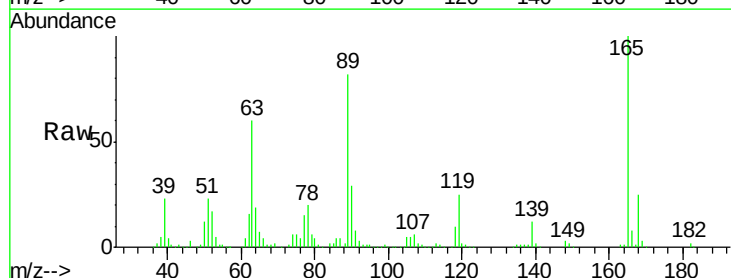
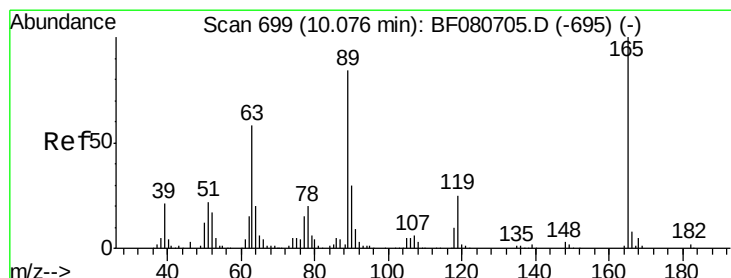
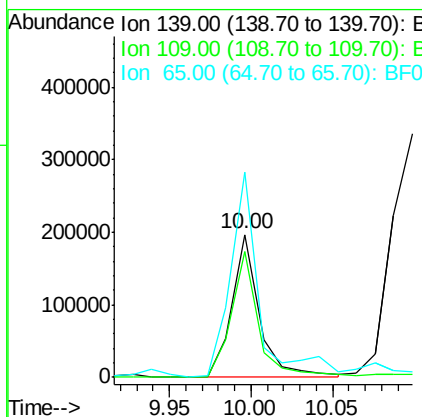
#55  
4-Nitrophenol  
Concen: 70.18 ng  
RT: 10.00 min Scan# 692  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 231432 |        |       |
| 109     | 88.1  | 50.4   | 90.4   |       |
| 65      | 143.9 | 66.1   | 106.1# |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

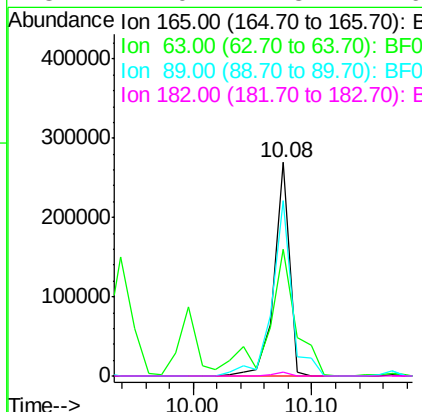
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MMDadoda  
8/3/2015 11:56:03 AM

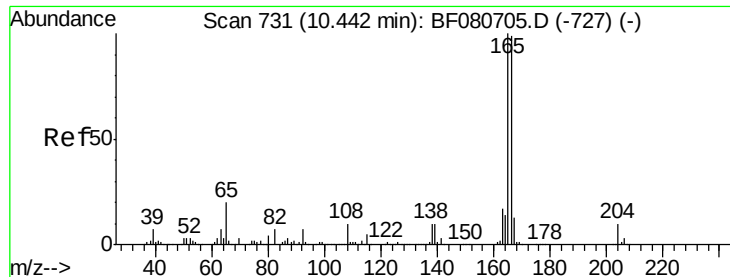


#56  
2,4-Dinitrotoluene  
Concen: 47.56 ng  
RT: 10.08 min Scan# 699  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 241930 |       |       |
| 63      | 59.6  | 46.7   | 70.1  |       |
| 89      | 82.4  | 67.4   | 101.2 |       |
| 182     | 2.0   | 1.8    | 2.6   |       |







#57

Fluorene

Concen: 42.78 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

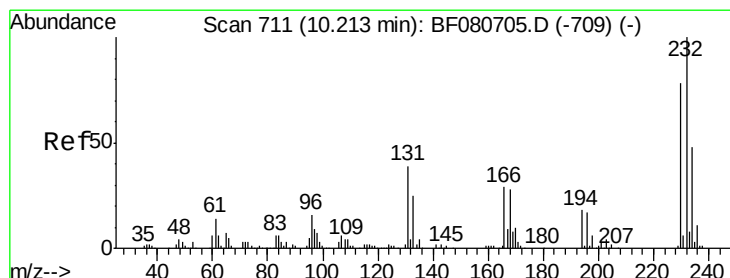
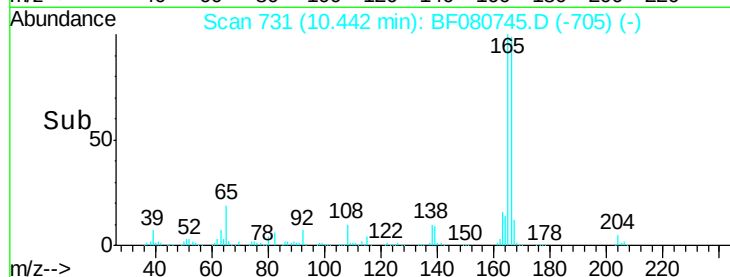
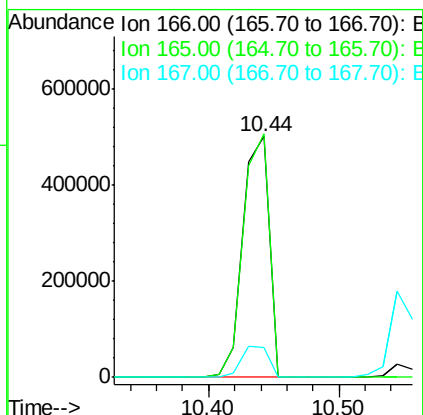
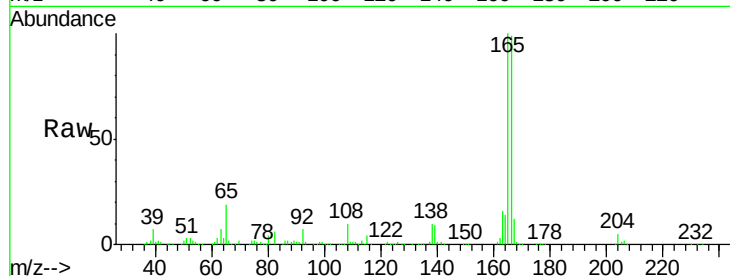
ClientSampleId :

PB84784BS

Manual Integrations  
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8/3/2015 11:56:03 AM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 699663 |       |       |
| 165     | 101.2 | 81.0   | 121.4 |       |
| 167     | 12.6  | 10.8   | 16.2  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.75 ng

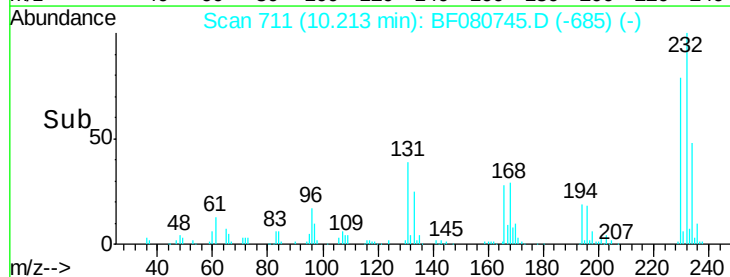
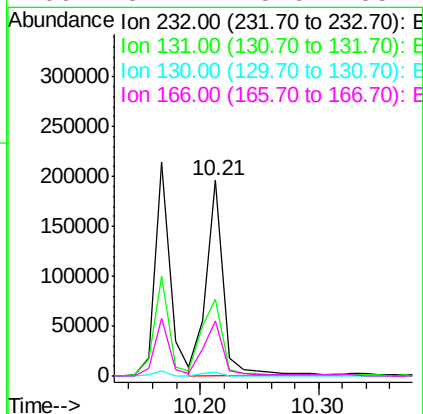
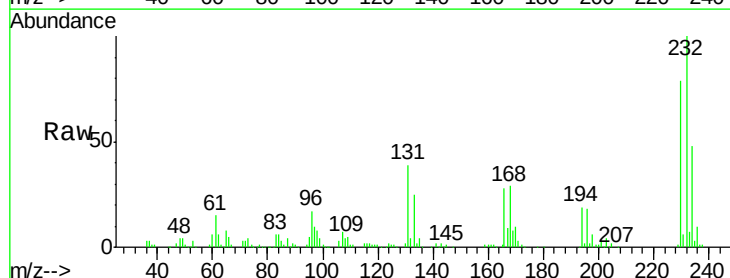
RT: 10.21 min Scan# 711

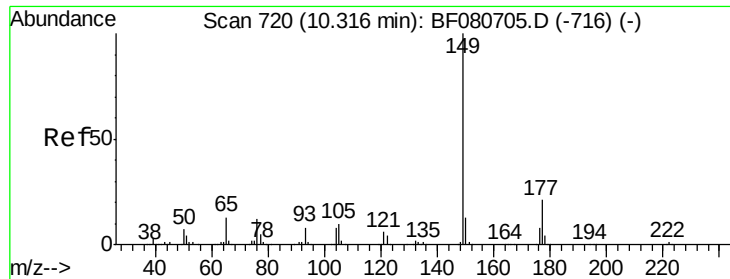
Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 193909 |       |       |
| 131     | 50.3  | 38.2   | 57.2  |       |
| 130     | 2.3   | 1.8    | 2.6   |       |
| 166     | 31.1  | 25.6   | 38.4  |       |





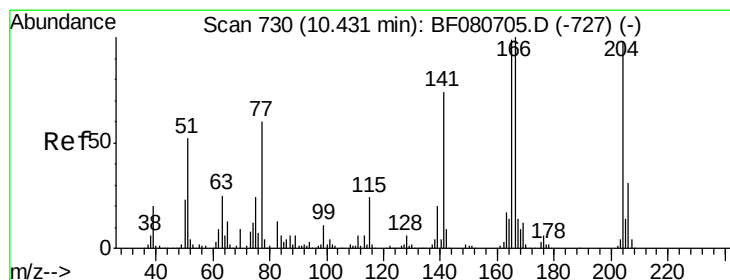
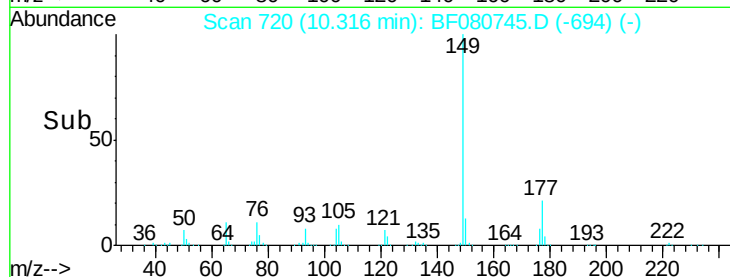
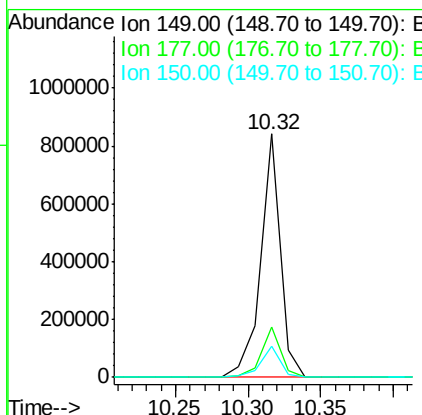
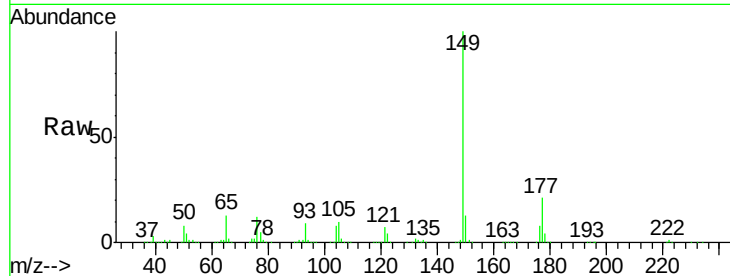
#59  
Diethylphthalate  
Concen: 44.98 ng  
RT: 10.32 min Scan# 720  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 792391 |       |       |
| 177     | 20.8  | 16.6   | 25.0  |       |
| 150     | 12.9  | 10.2   | 15.4  |       |

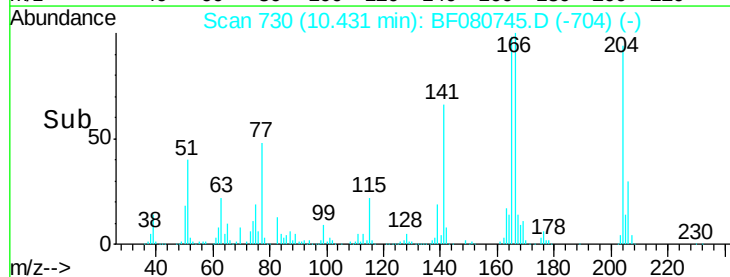
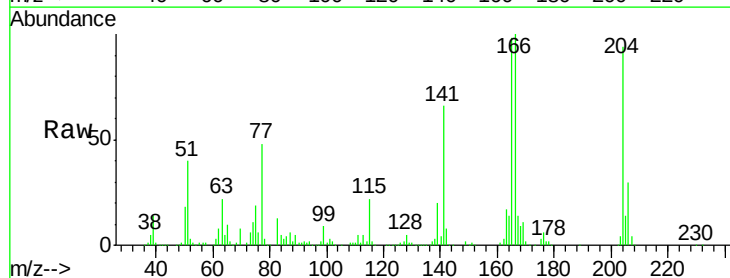
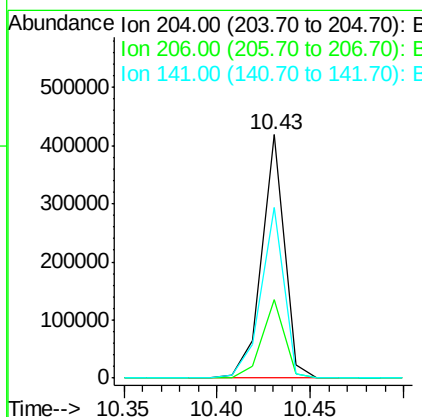
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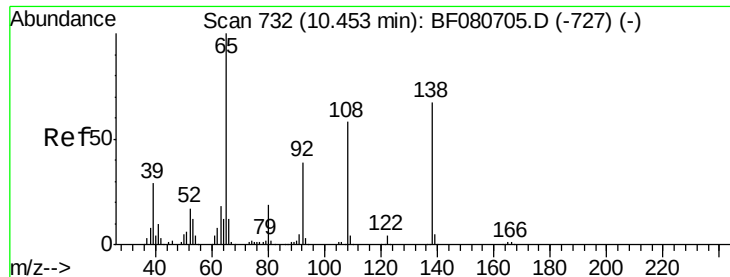
MMDadoda  
8/3/2015 11:56:03 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 49.83 ng  
RT: 10.43 min Scan# 730  
Delta R.T. 0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 351269 |       |       |
| 206     | 32.1  | 25.1   | 37.7  |       |
| 141     | 70.2  | 60.3   | 90.5  |       |





#61

4-Nitroaniline

Concen: 39.21 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

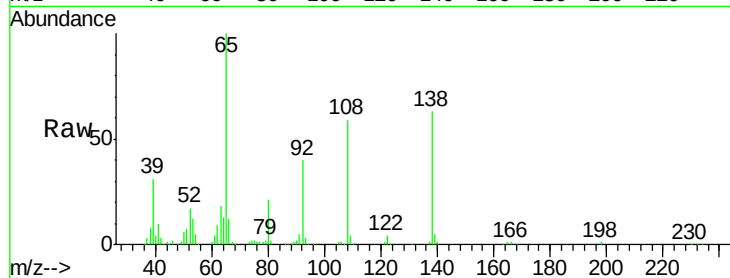
ClientSampleId :

PB84784BS

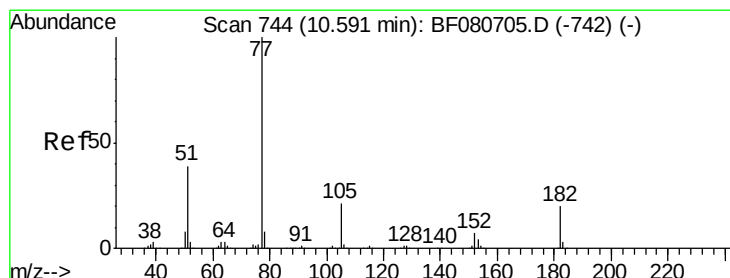
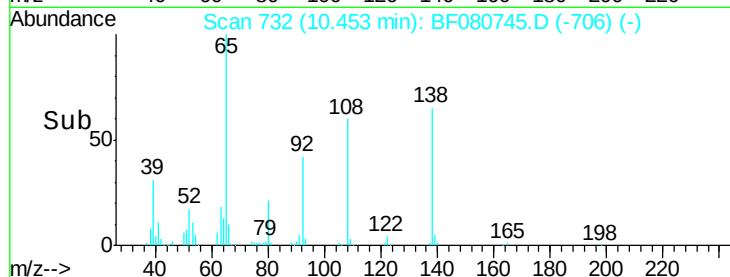
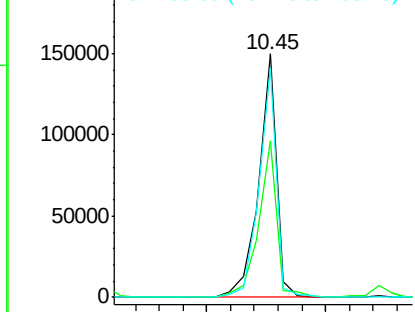
Manual Integrations  
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MMDadoda  
8/3/2015 11:56:03 AM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 64.5  | 38.2  | 78.2  |
| 108     | 94.2  | 66.3  | 106.3 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.22 ng

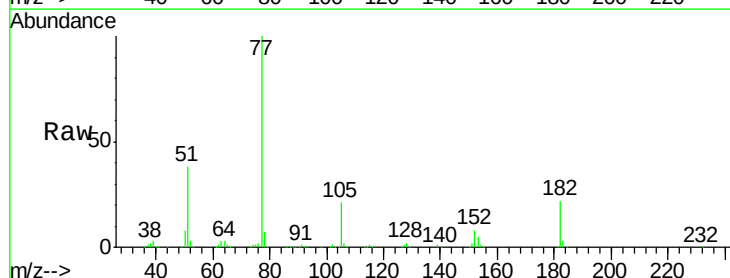
RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

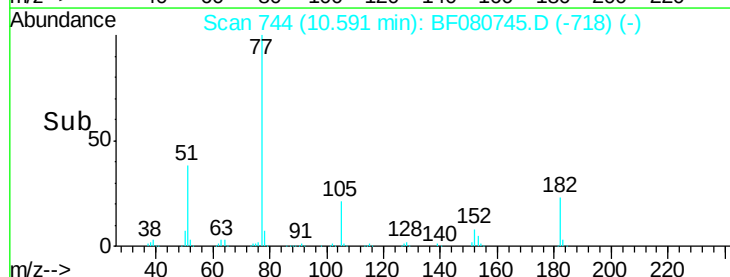
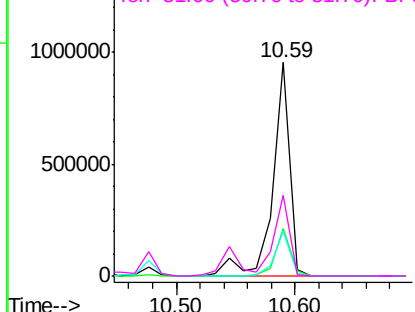
Lab File: BF080745.D

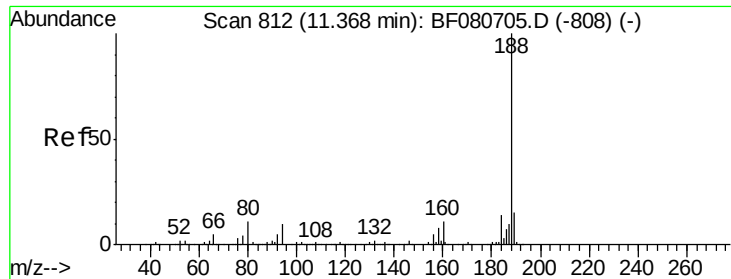
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 22.4  | 0.0   | 39.9  |
| 105     | 21.2  | 1.1   | 41.1  |
| 51      | 38.0  | 18.9  | 58.9  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





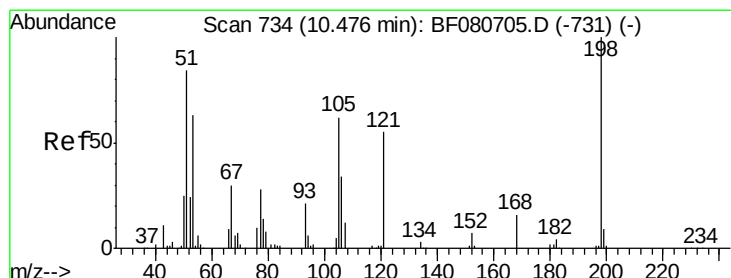
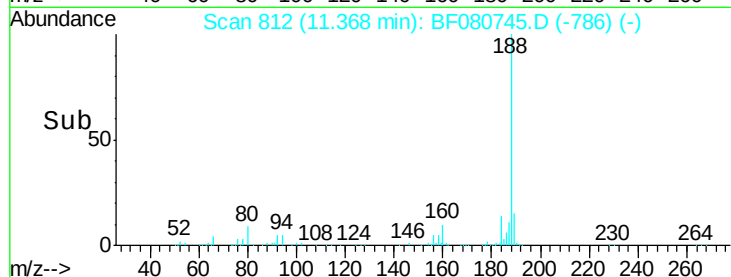
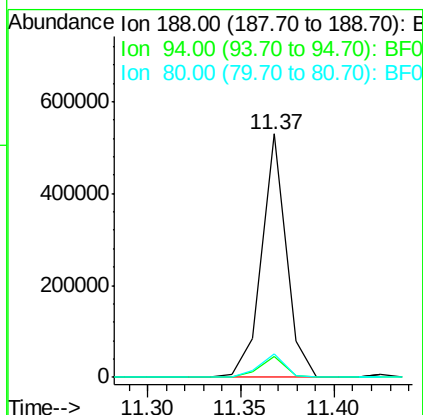
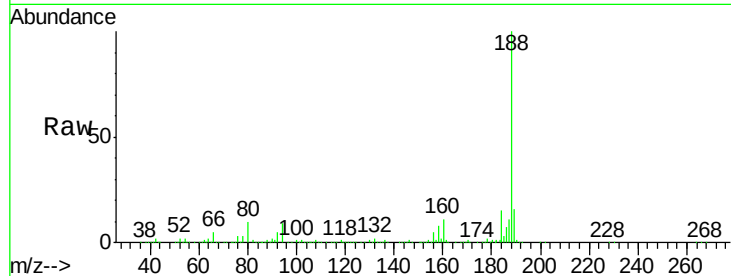
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.37 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.7   | 8.1        | 12.1       |
| 80      | 9.7   | 9.1        | 13.7       |

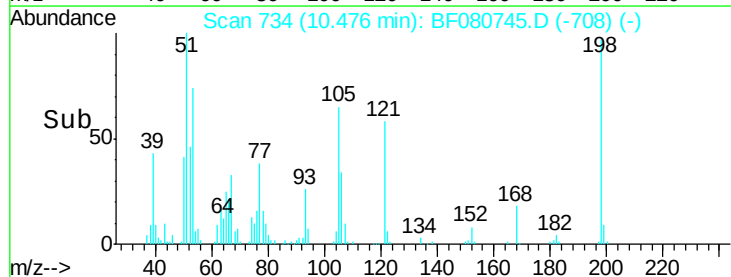
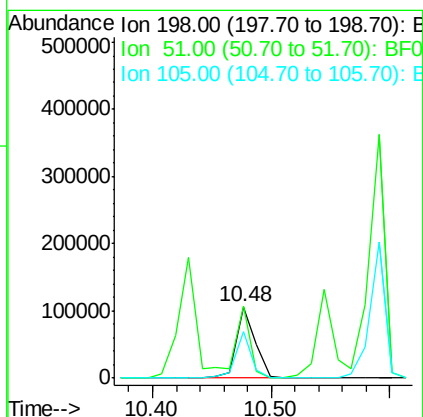
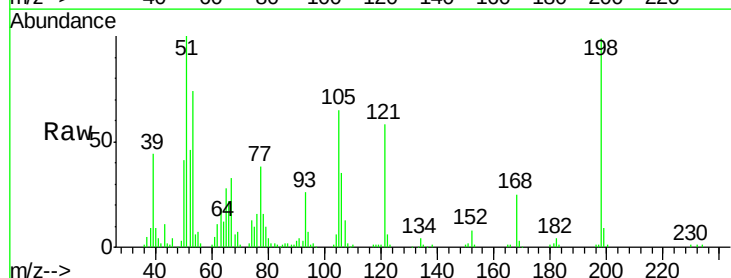
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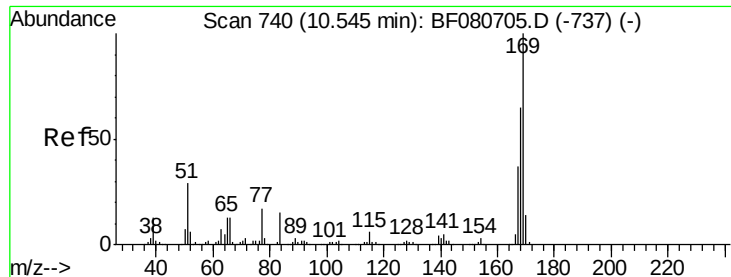
MMDadoda  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 40.63 ng  
RT: 10.48 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 101.1 | 84.6       | 124.6      |
| 105     | 65.6  | 43.0       | 83.0       |





#65

n-Nitrosodiphenylamine

Concen: 40.37 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

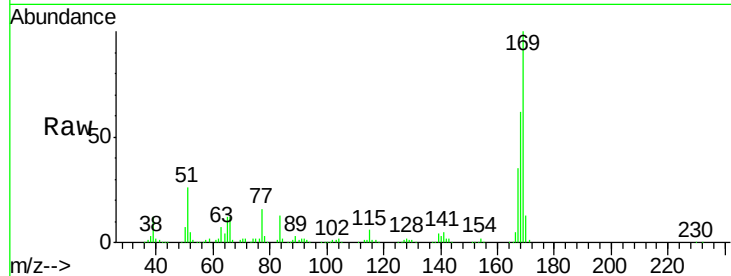
ClientSampleId :

PB84784BS

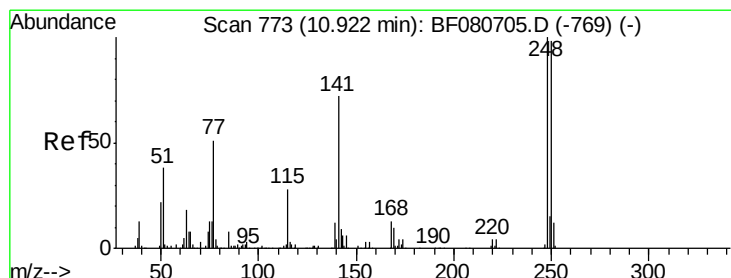
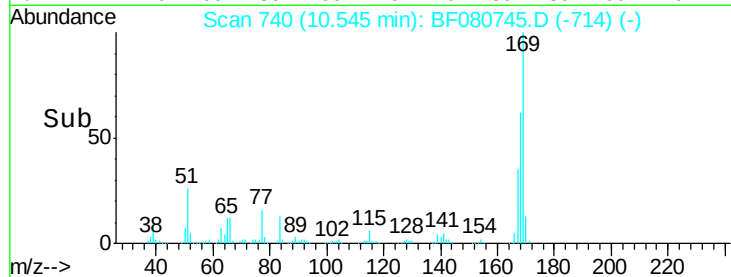
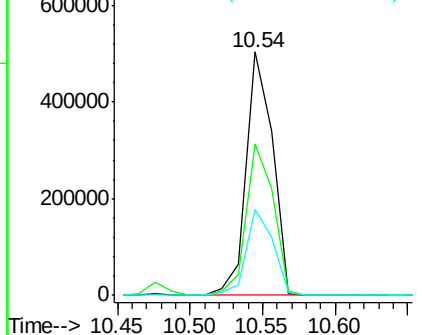
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 634807 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 62.2  | 52.1  | 78.1   |
| 167       | 35.5  | 29.3  | 43.9   |

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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.64 ng

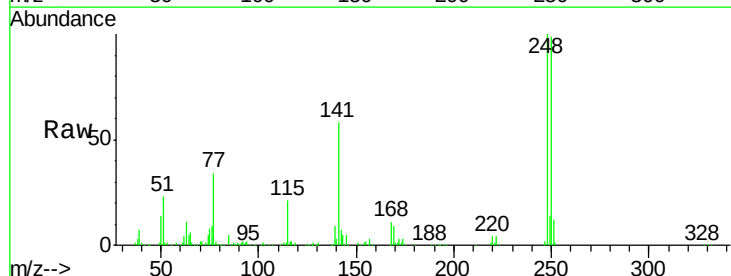
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

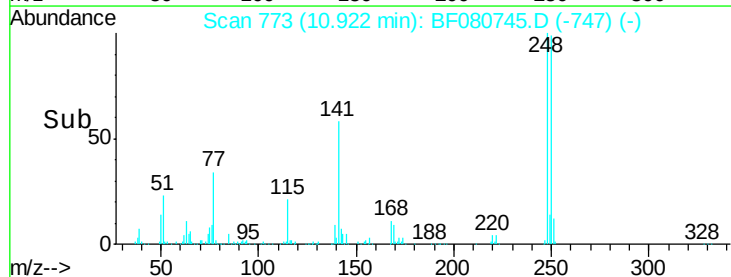
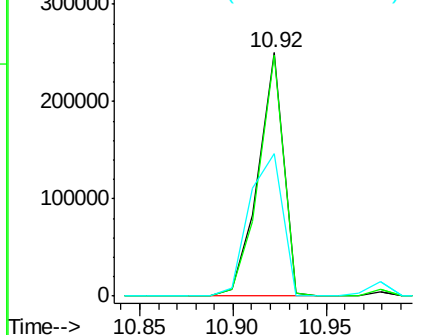
Lab File: BF080745.D

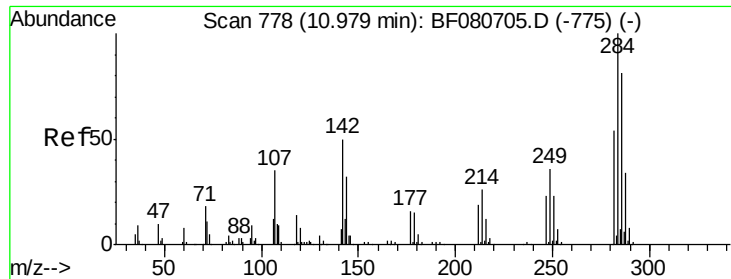
Acq: 31 Jul 2015 20:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 235889 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.2  | 78.4  | 117.6  |
| 141       | 58.3  | 57.5  | 86.3   |



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





#67

Hexachlorobenzene

Concen: 40.87 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080745.D

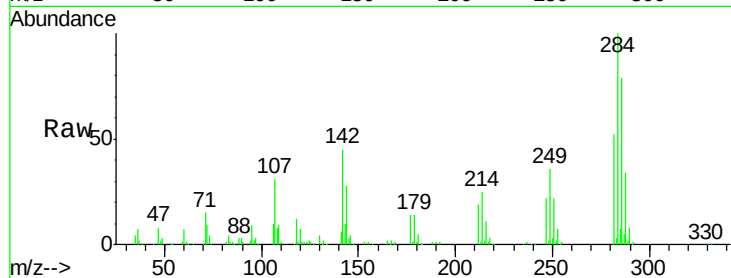
Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

ClientSampleId :

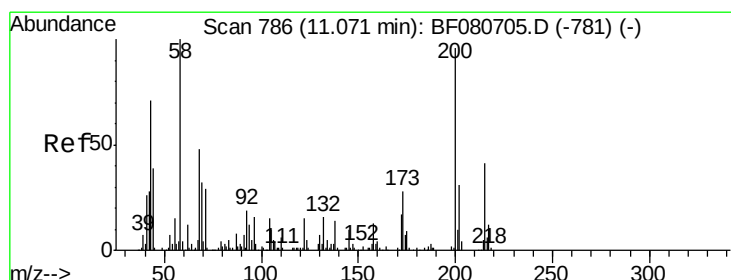
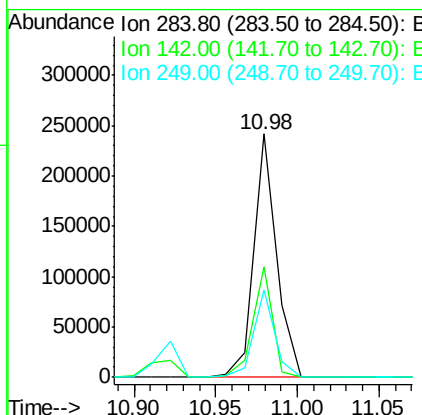
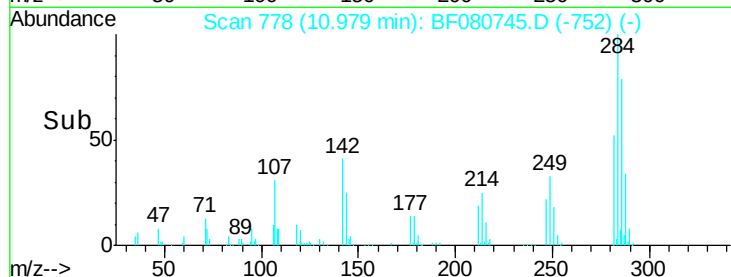
PB84784BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 233949 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 45.2  | 39.8  | 59.6   |
| 249       | 35.8  | 28.7  | 43.1   |

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#68

Atrazine

Concen: 56.43 ng

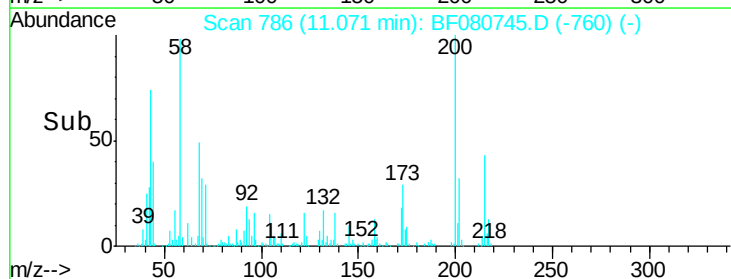
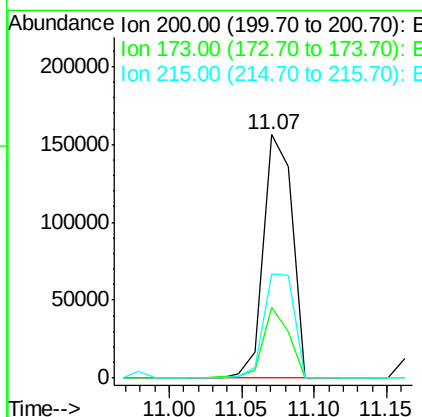
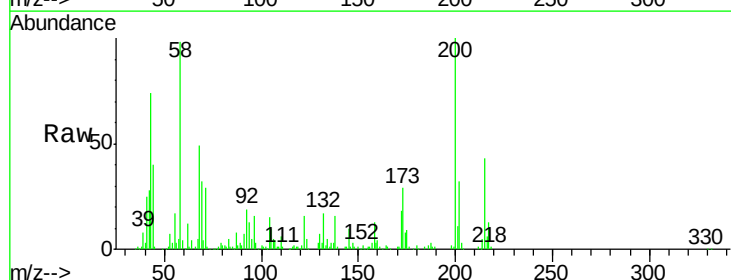
RT: 11.07 min Scan# 786

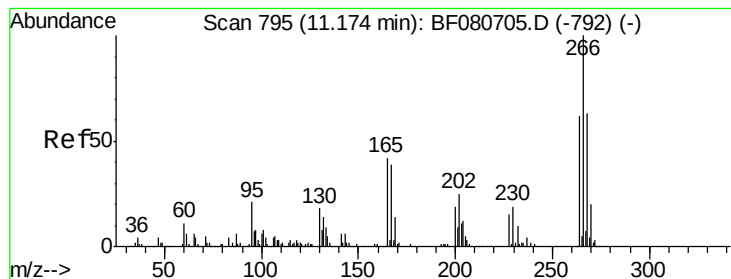
Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 214105 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.9  | 8.6   | 48.6   |
| 215       | 43.0  | 22.2  | 62.2   |





#69

Pentachlorophenol

Concen: 85.31 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

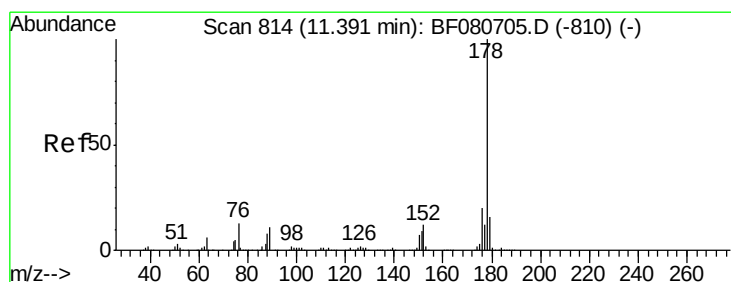
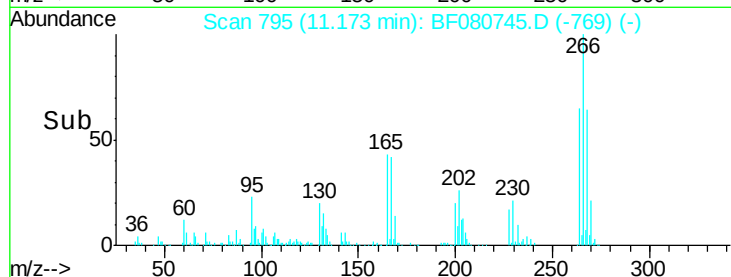
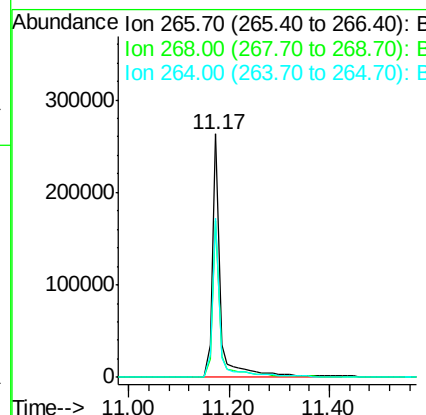
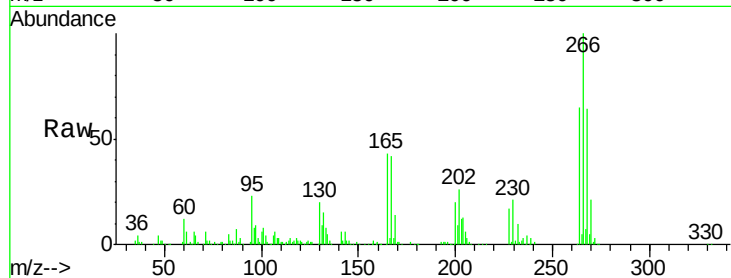
ClientSampleId :

PB84784BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 266  | Resp: | 295495 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 64.2 | 50.5  | 75.7   |
| 264       | 65.1 | 50.0  | 75.0   |

Manual Integrations  
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8/3/2015 11:56:03 AM



#70

Phenanthrene

Concen: 40.56 ng

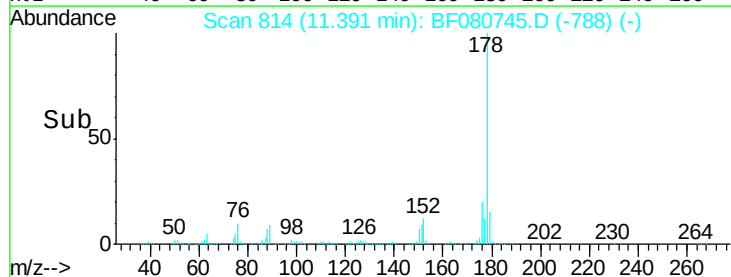
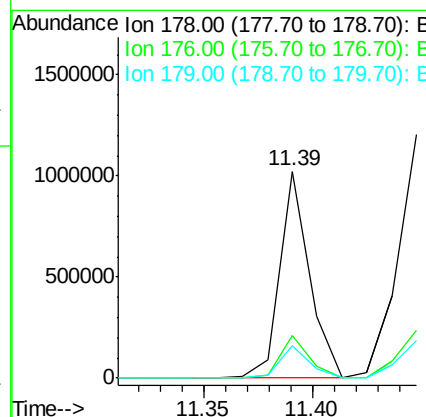
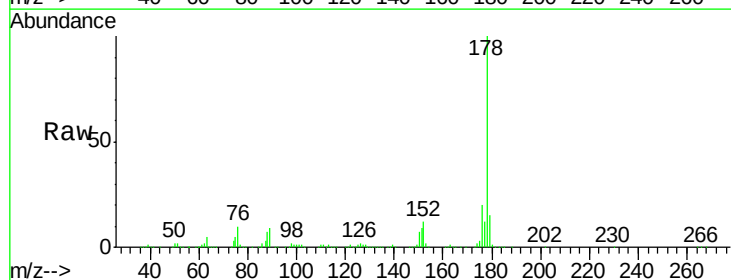
RT: 11.39 min Scan# 814

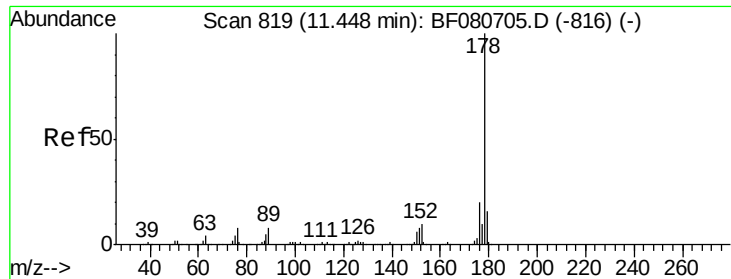
Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 178  | Resp: | 979985 |
| Ion Ratio |      | Lower | Upper  |
| 178       | 100  |       |        |
| 176       | 20.5 | 16.2  | 24.4   |
| 179       | 15.5 | 13.0  | 19.4   |





#71

Anthracene

Concen: 48.01 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

Instrument :

BNA\_F

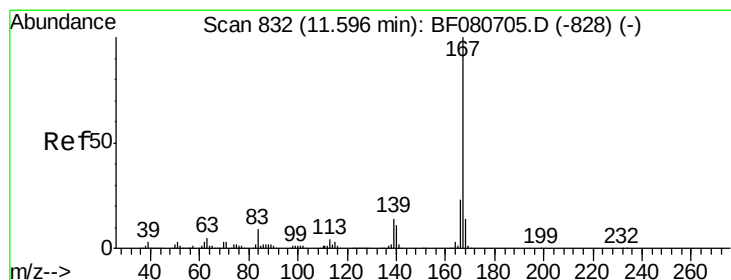
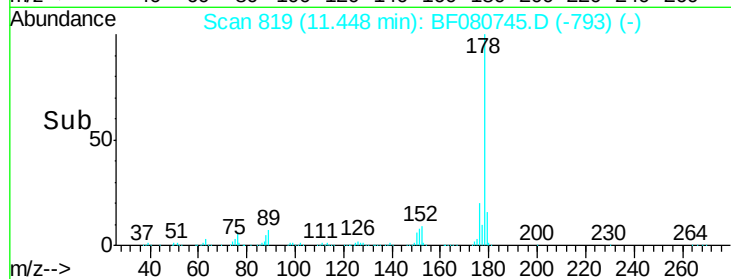
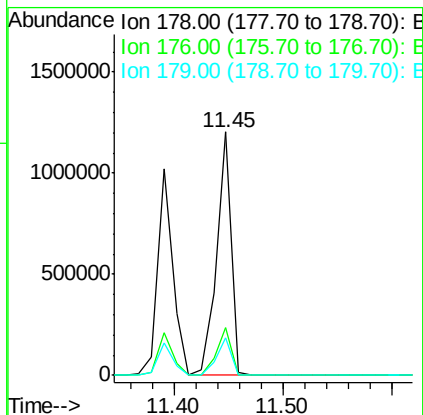
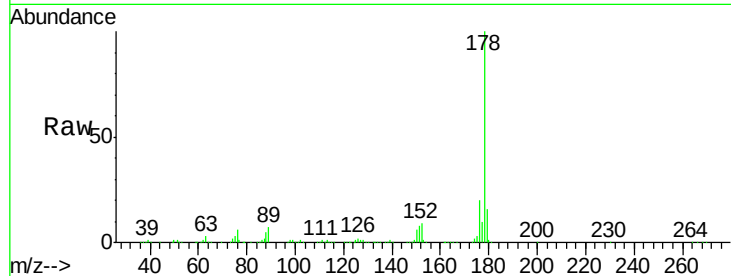
ClientSampleId :

PB84784BS

Manual Integrations  
APPROVED

MMDadoda  
8/3/2015 11:56:03 AM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.9  | 23.9  |
| 179     | 15.7  | 12.7  | 19.1  |



#72

Carbazole

Concen: 41.86 ng

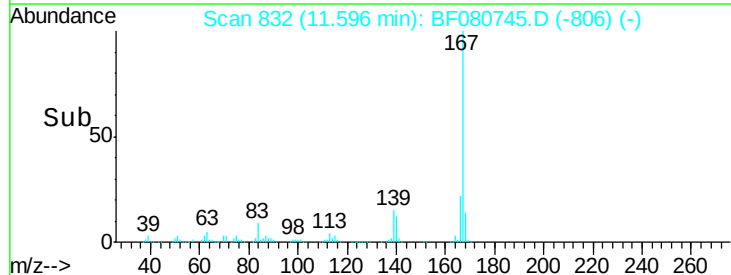
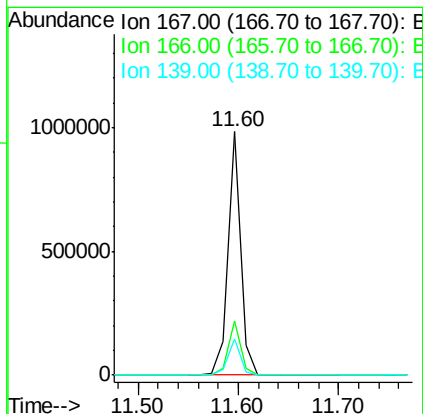
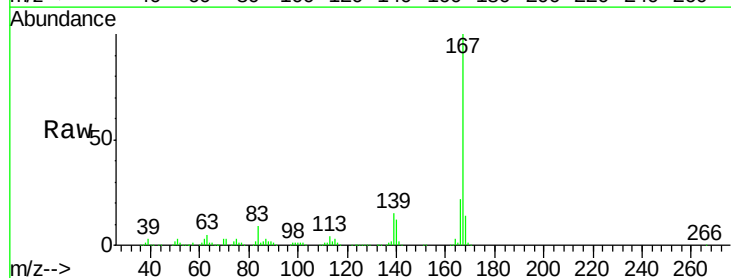
RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

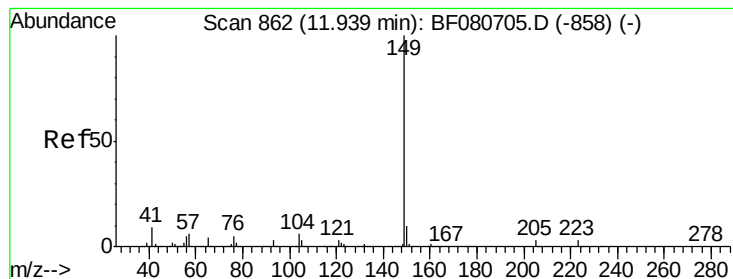
Lab File: BF080745.D

Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 18.2  | 27.4  |
| 139     | 14.9  | 11.5  | 17.3  |







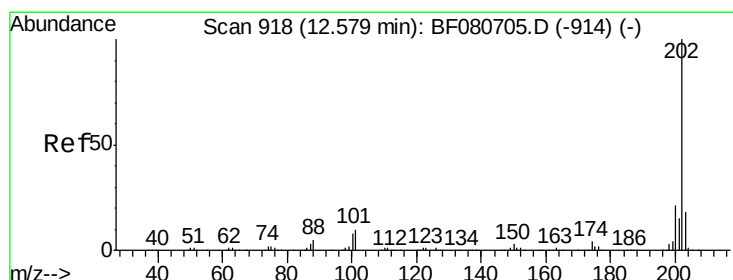
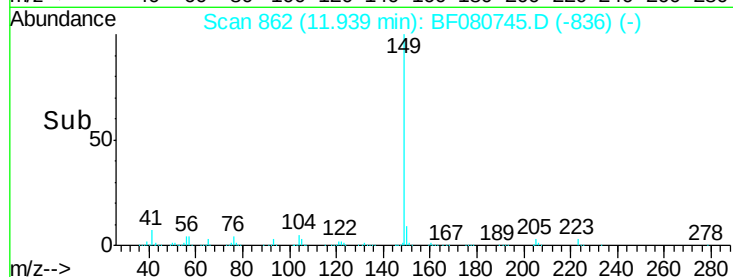
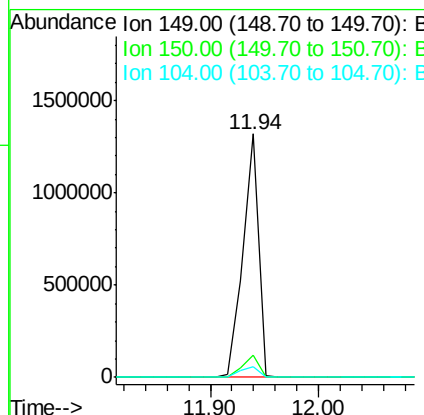
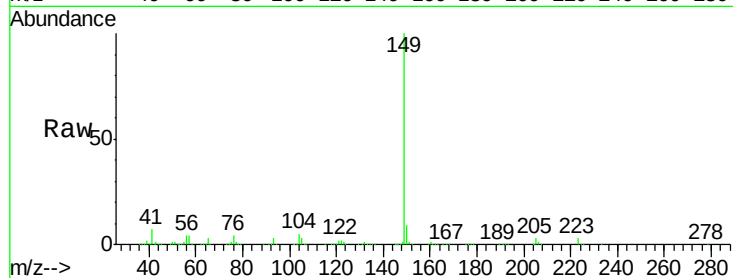
#73  
Di-n-butylphthalate  
Concen: 50.19 ng  
RT: 11.94 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.6   | 11.4  |
| 104     | 4.6   | 4.4   | 6.6   |

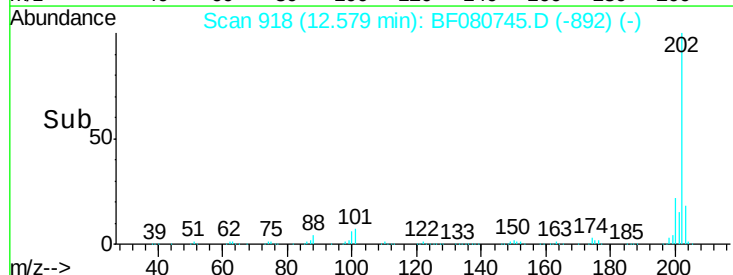
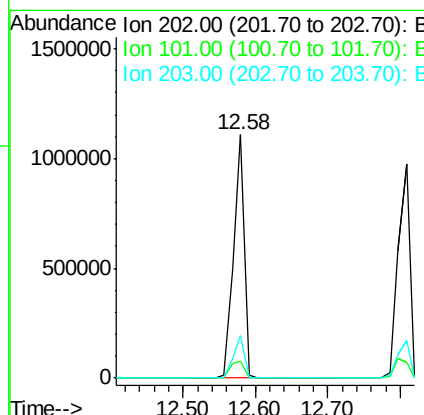
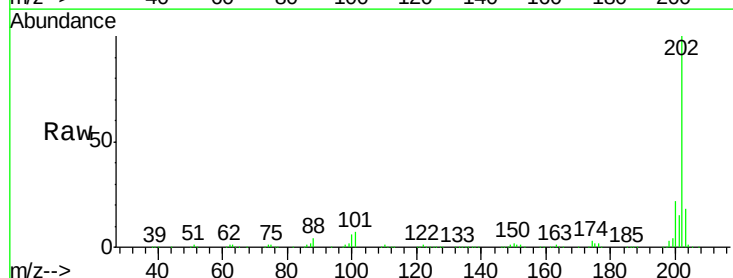
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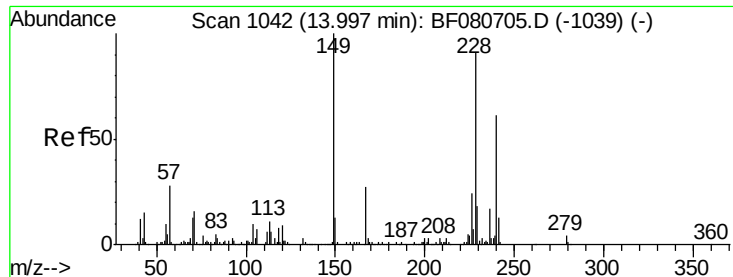
MMDadoda  
8/3/2015 11:56:03 AM



#74  
Fluoranthene  
Concen: 48.32 ng  
RT: 12.58 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.0   | 0.0   | 29.6  |
| 203     | 17.8  | 0.0   | 37.8  |





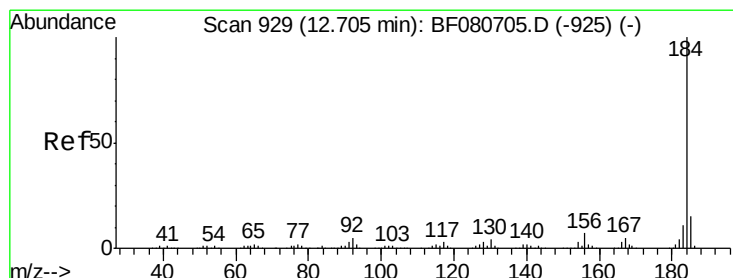
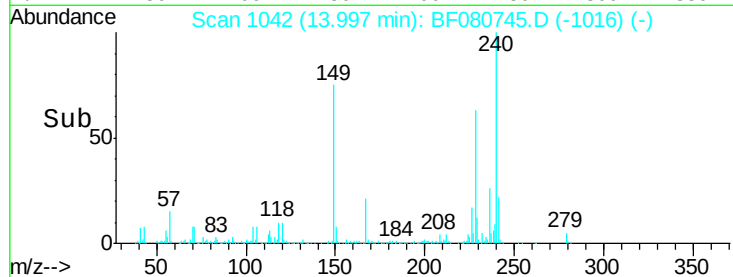
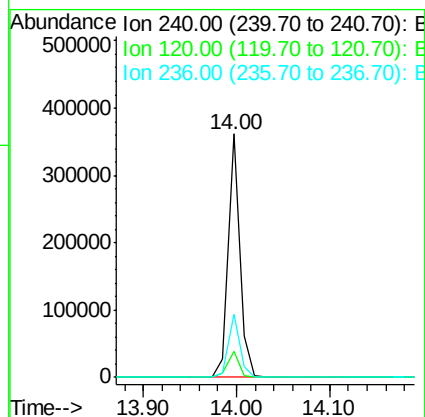
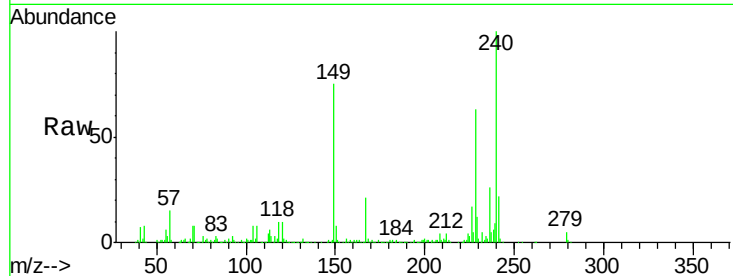
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.00 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 313958 |       |       |
| 120     | 10.5  | 11.8   | 17.8# |       |
| 236     | 26.1  | 21.8   | 32.8  |       |

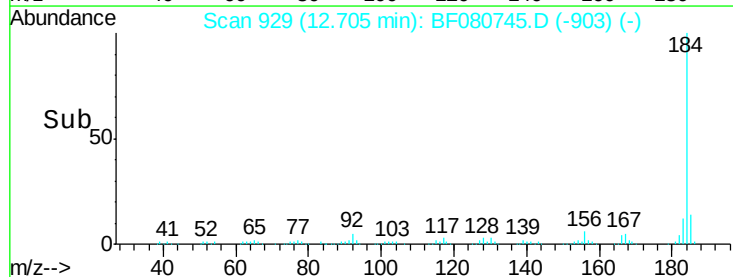
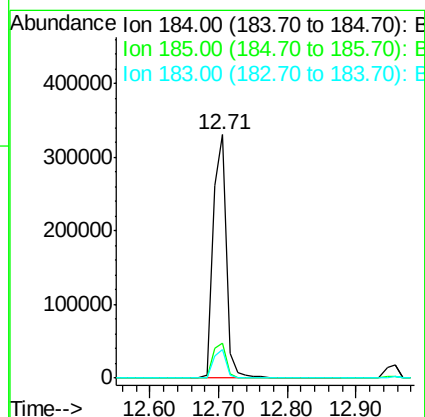
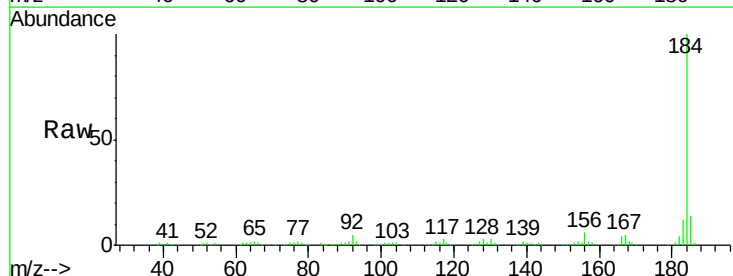
Manual Integrations  
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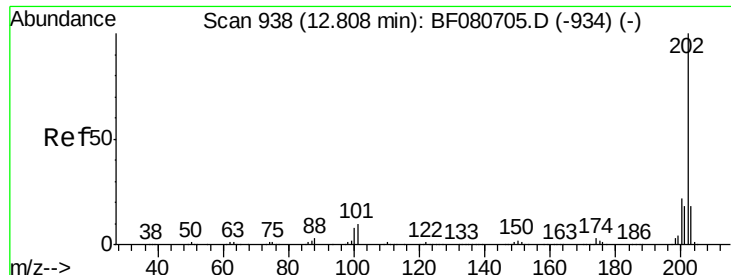
MMDadoda  
8/3/2015 11:56:03 AM



#76  
Benzidine  
Concen: 39.14 ng  
RT: 12.71 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 447369 |       |       |
| 185     | 14.4  | 12.0   | 18.0  |       |
| 183     | 11.6  | 9.1    | 13.7  |       |





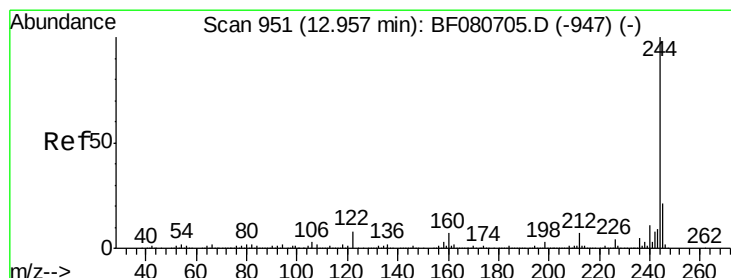
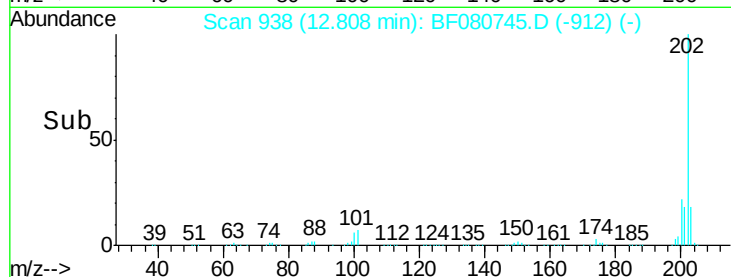
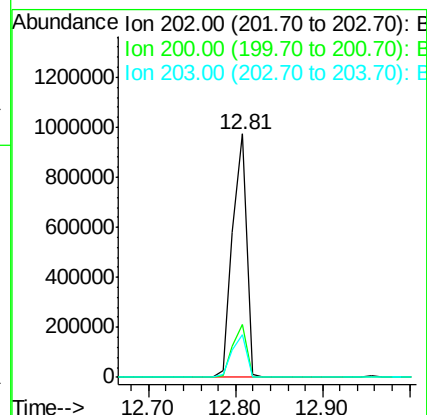
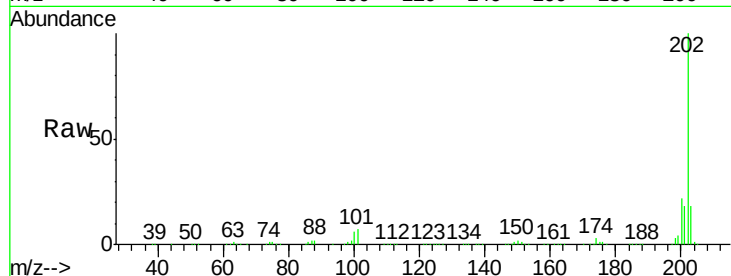
#77  
 Pyrene  
 Concen: 44.98 ng  
 RT: 12.81 min Scan# 938  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 17.4  | 26.2  |
| 203     | 17.5  | 14.2  | 21.2  |

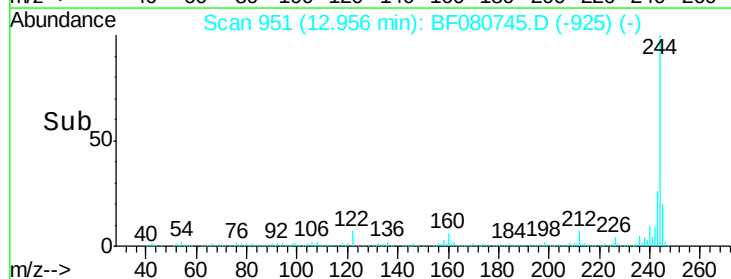
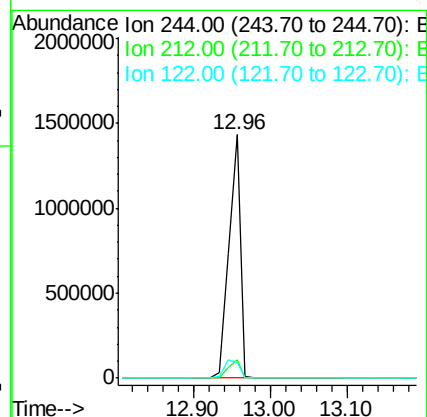
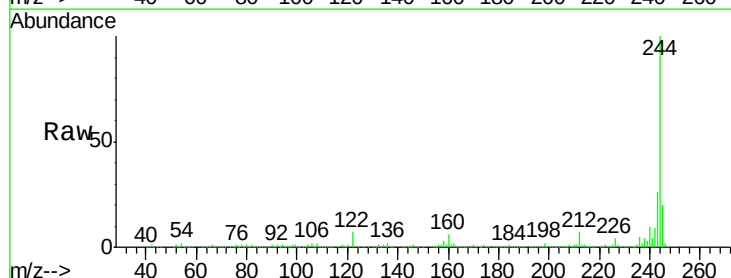
Manual Integrations  
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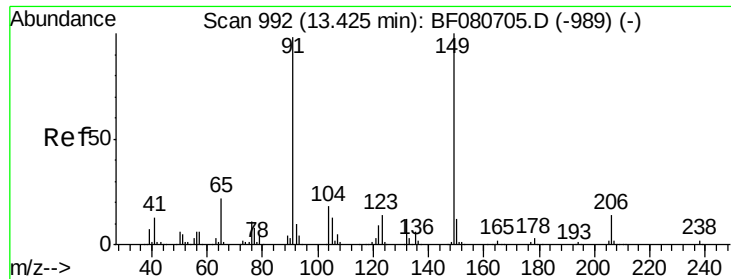
MMDadoda  
 8/3/2015 11:56:03 AM



#78  
 Terphenyl-d14  
 Concen: 91.97 ng  
 RT: 12.96 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.9   | 8.9   |
| 122     | 6.5   | 6.6   | 9.8#  |





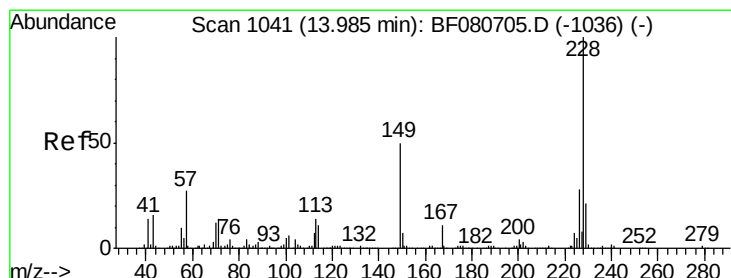
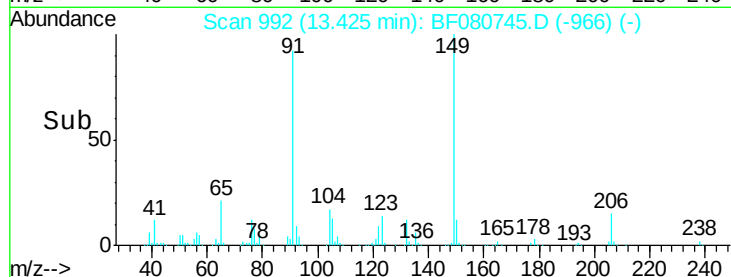
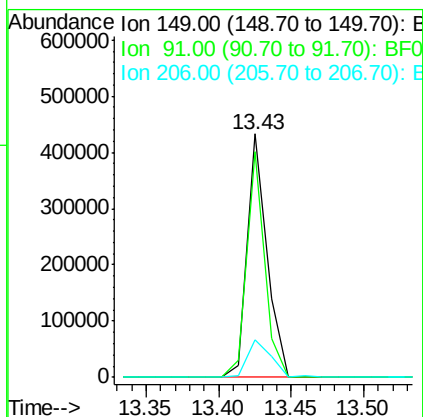
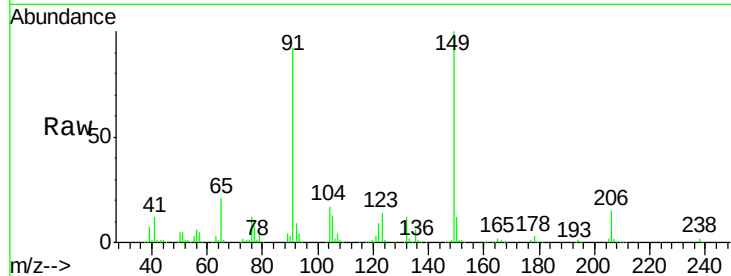
#79  
Butylbenzylphthalate  
Concen: 40.64 ng  
RT: 13.43 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 408780 |       |       |
| 91      | 92.5  | 78.6   | 118.0 |       |
| 206     | 15.4  | 11.4   | 17.2  |       |

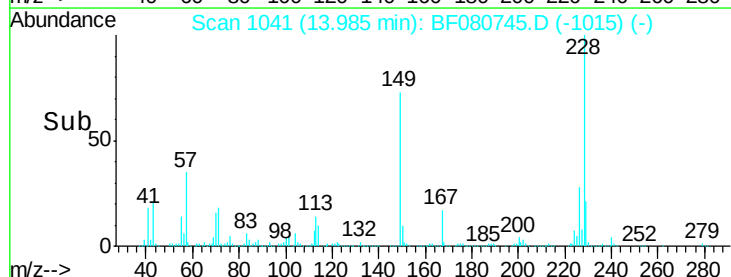
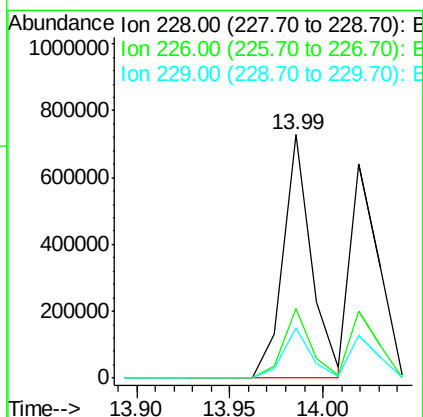
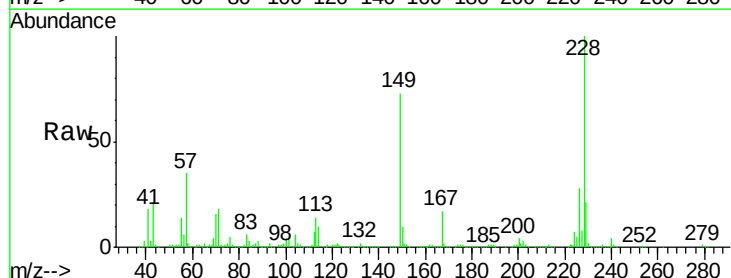
Manual Integrations  
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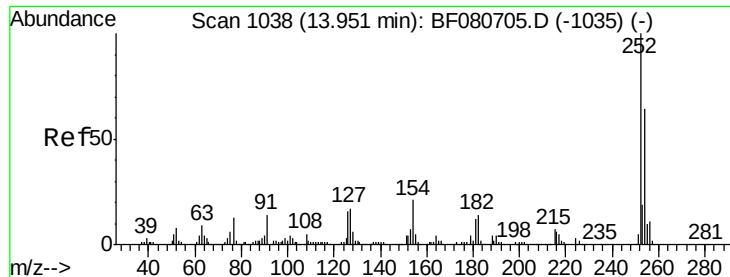
MMDadoda  
8/3/2015 11:56:03 AM



#80  
Benzo(a)anthracene  
Concen: 40.73 ng  
RT: 13.99 min Scan# 1041  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 769085 |       |       |
| 226     | 28.4  | 22.6   | 33.8  |       |
| 229     | 20.6  | 16.6   | 25.0  |       |





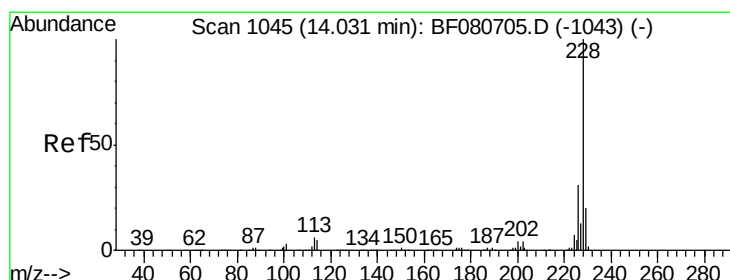
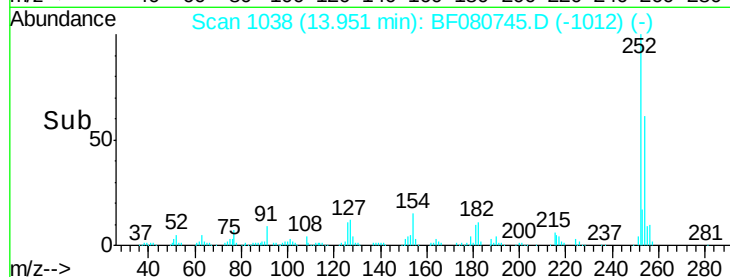
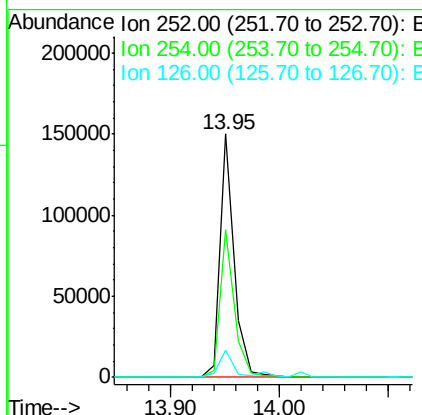
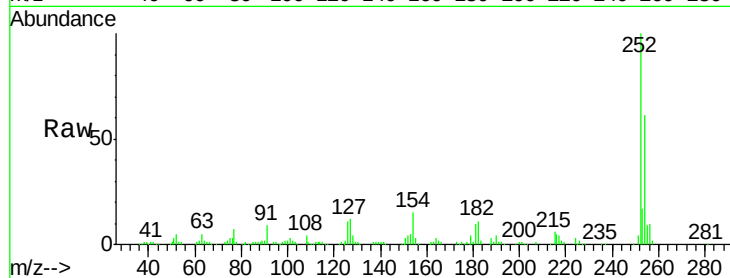
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.34 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 60.8  | 51.0       | 76.4       |
| 126     | 11.3  | 13.2       | 19.8       |

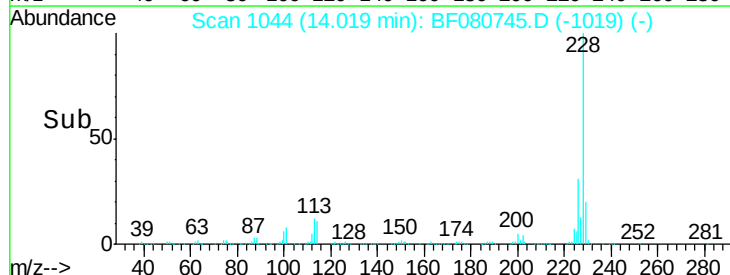
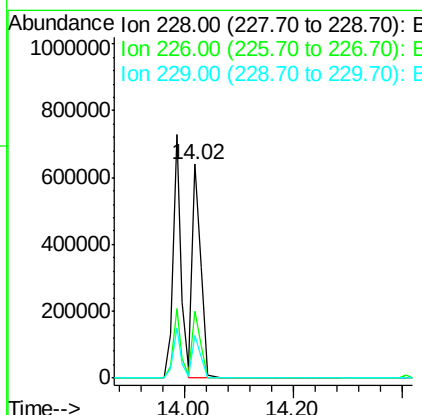
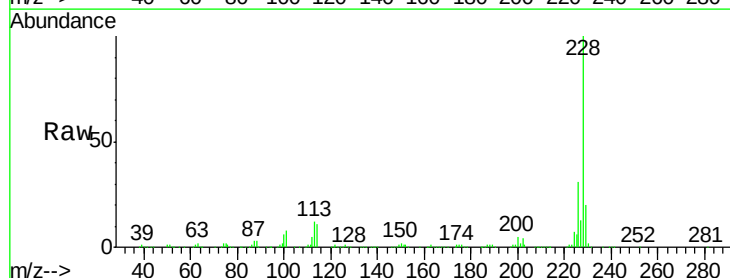
Manual Integrations  
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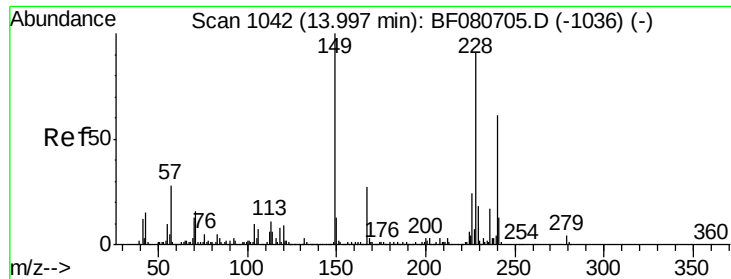
MMDadoda  
 8/3/2015 11:56:03 AM



#82  
 Chrysene  
 Concen: 37.53 ng  
 RT: 14.02 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.2  | 25.1       | 37.7       |
| 229     | 19.9  | 15.8       | 23.8       |





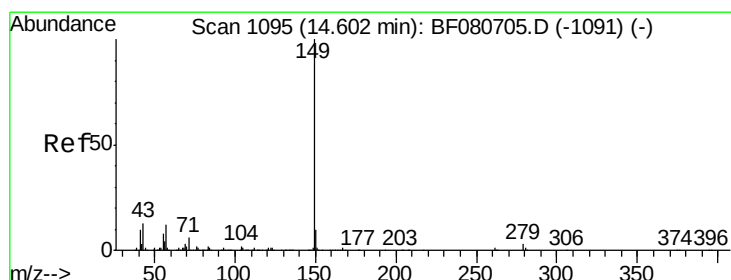
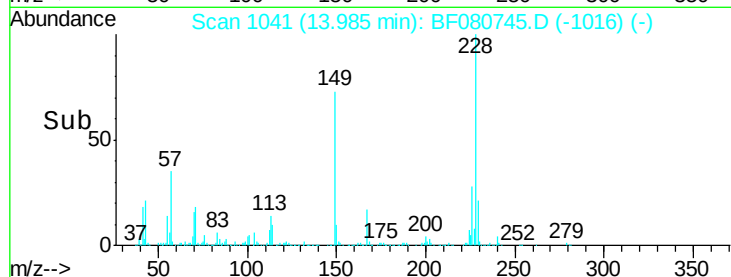
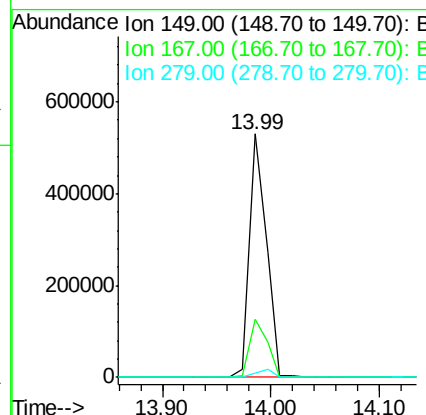
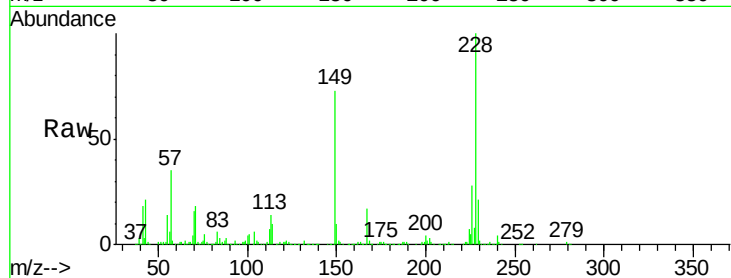
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.86 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 23.8  | 21.8       | 32.8       |
| 279     | 1.9   | 3.4        | 5.0        |

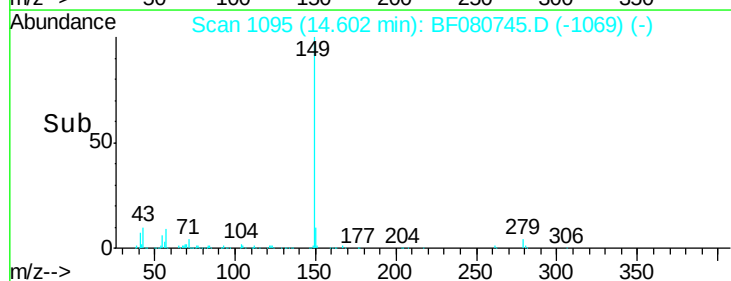
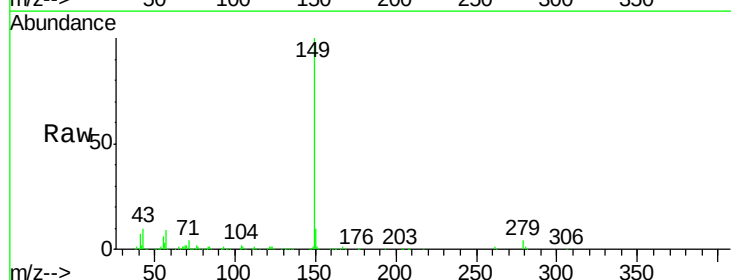
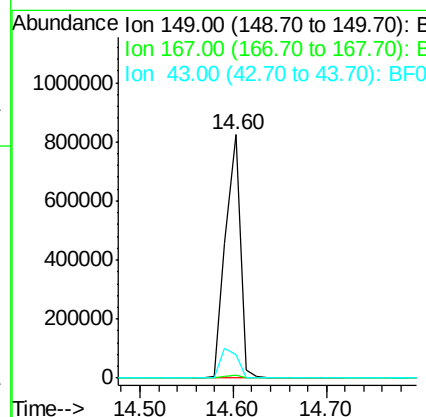
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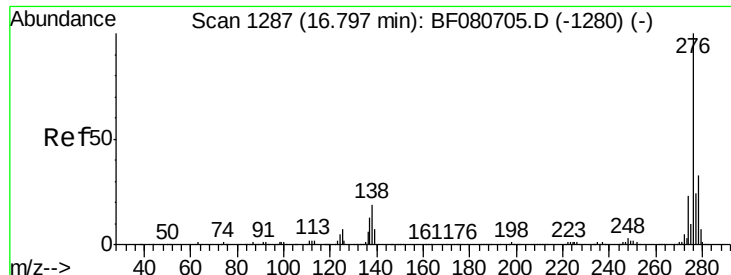
MMDadoda  
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#84  
 Di-n-octyl phthalate  
 Concen: 44.74 ng  
 RT: 14.60 min Scan# 1095  
 Delta R.T. 0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

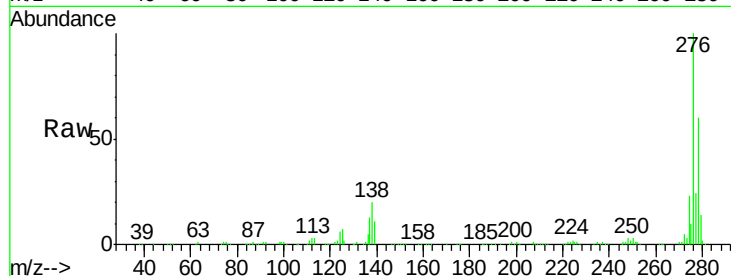
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.4   | 1.1        | 1.7        |
| 43      | 14.4  | 12.2       | 18.4       |





#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.65 ng  
 RT: 16.80 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

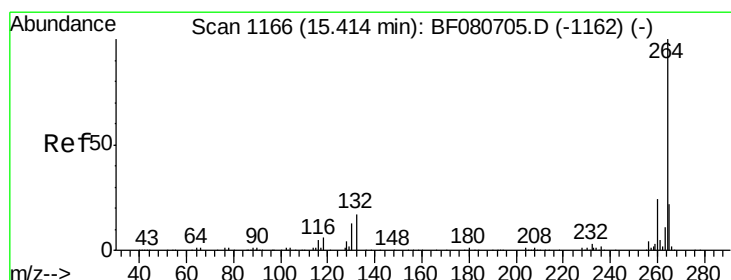
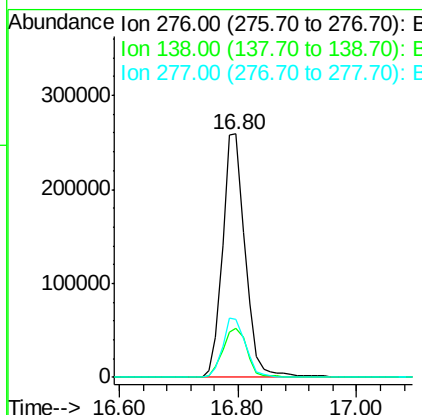
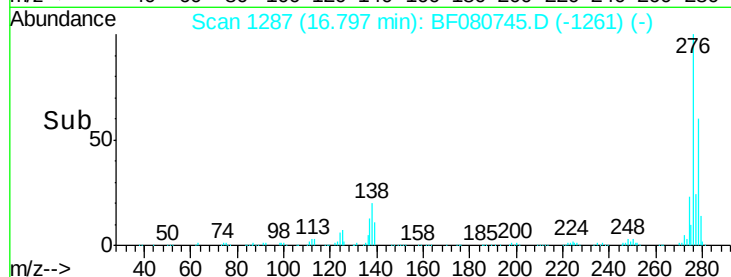
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 21.7  | 13.2       | 19.8#      |
| 277     | 24.9  | 15.4       | 23.2#      |

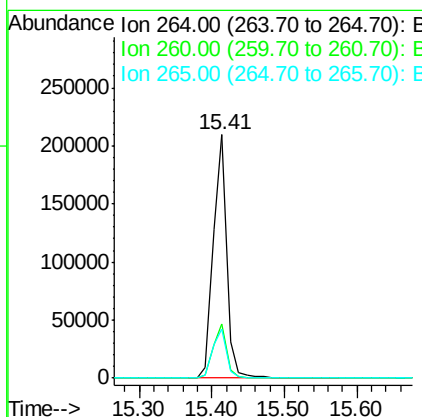
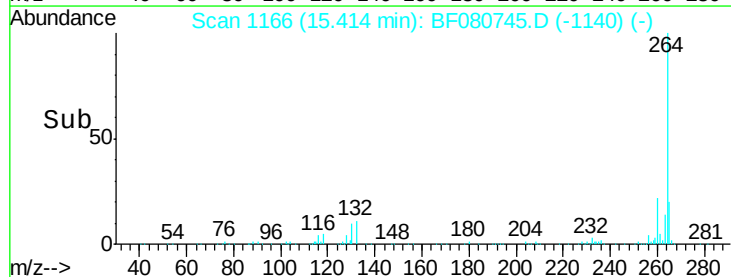
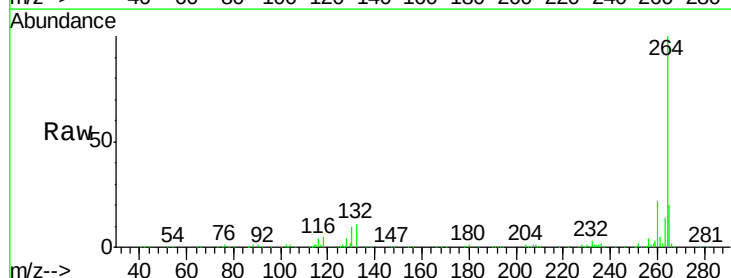
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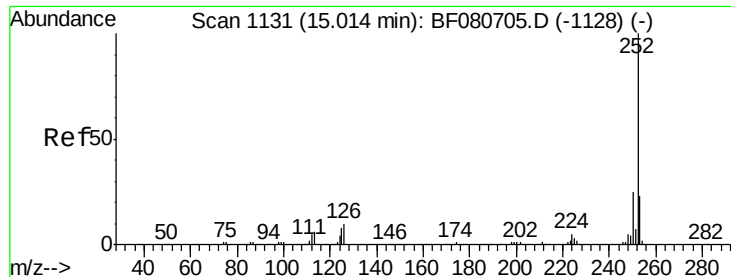
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.41 min Scan# 1166  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 22.4  | 19.4       | 29.0       |
| 265     | 20.1  | 17.3       | 25.9       |





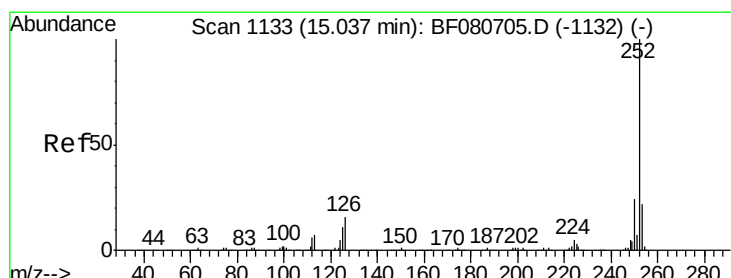
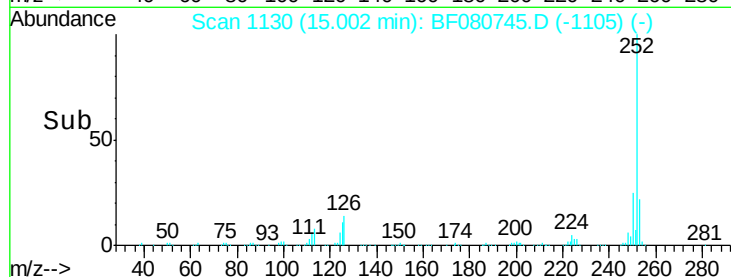
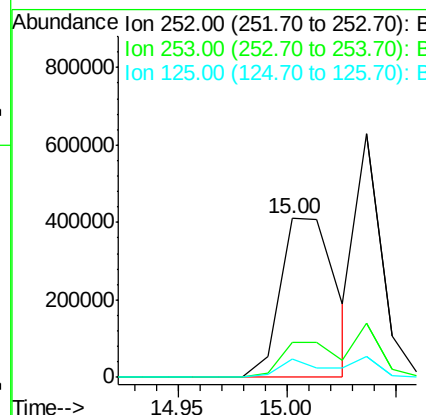
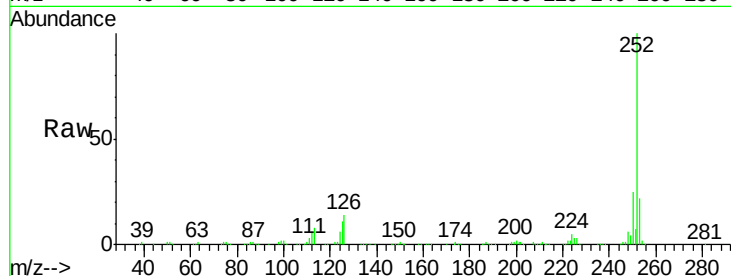
#87  
Benzo(b)fluoranthene  
Concen: 45.48 ng  
RT: 15.00 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 21.8  | 18.1       | 27.1       |
| 125     | 11.2  | 6.2        | 9.2        |

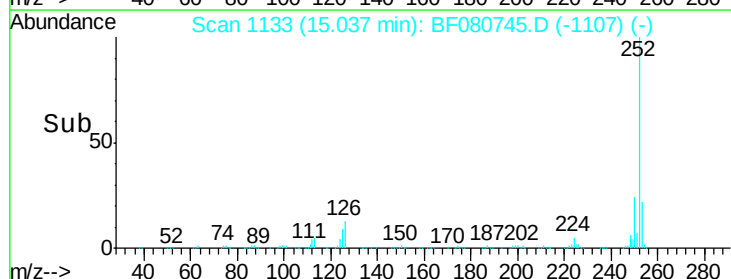
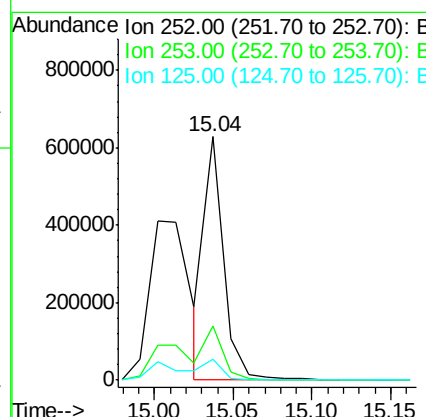
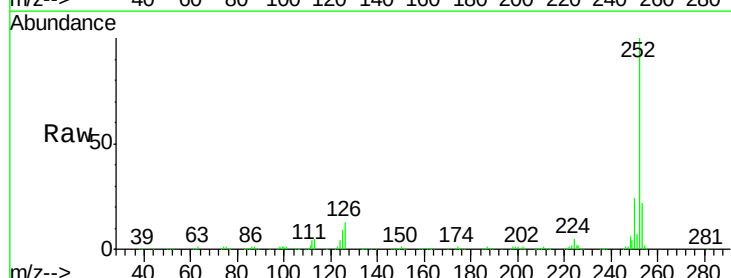
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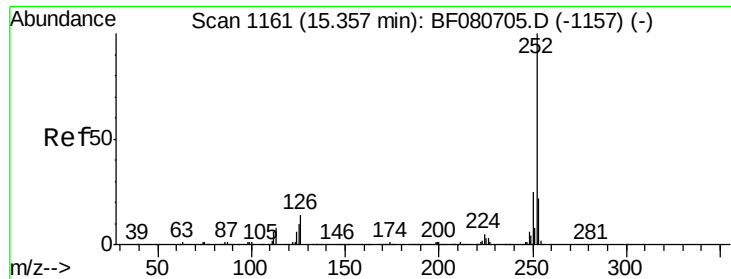


#88  
Benzo(k)fluoranthene  
Concen: 40.16 ng m  
RT: 15.04 min Scan# 1133  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.0  | 17.8       | 26.6       |
| 125     | 8.7   | 9.0        | 13.4       |







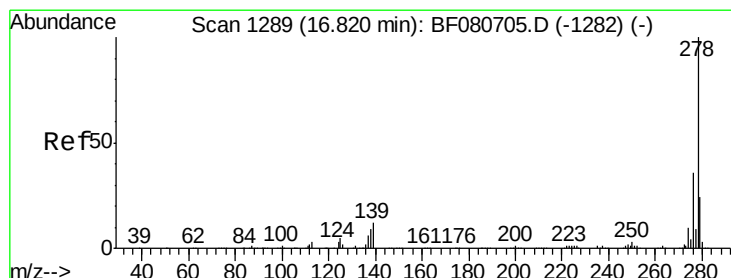
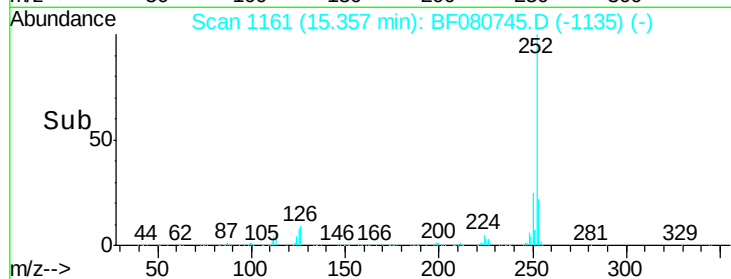
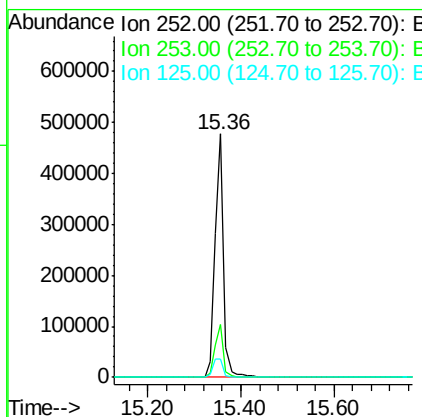
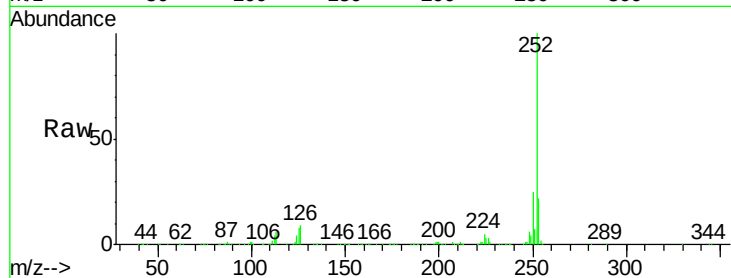
#89  
Benzo(a)pyrene  
Concen: 46.14 ng  
RT: 15.36 min Scan# 1161  
Delta R.T. -0.00 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB84784BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.2  | 25.8  |
| 125     | 7.6   | 8.2   | 12.4  |

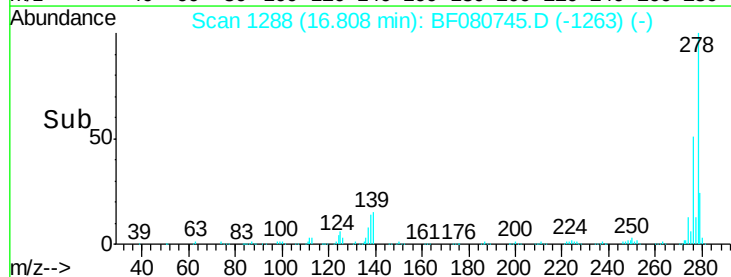
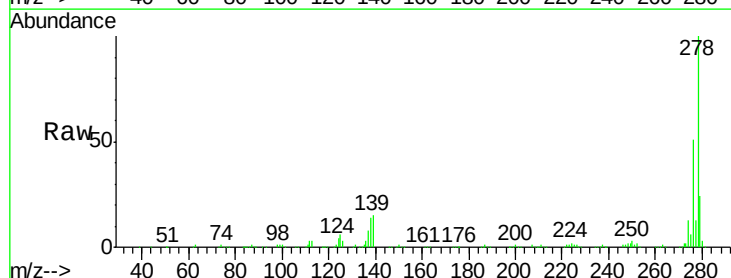
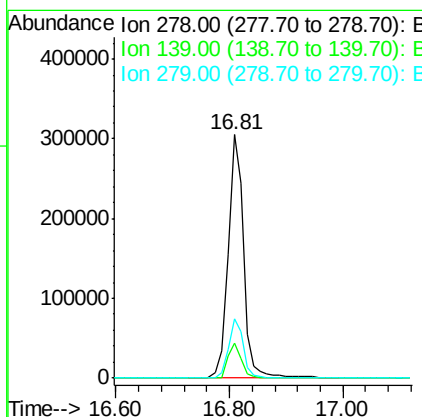
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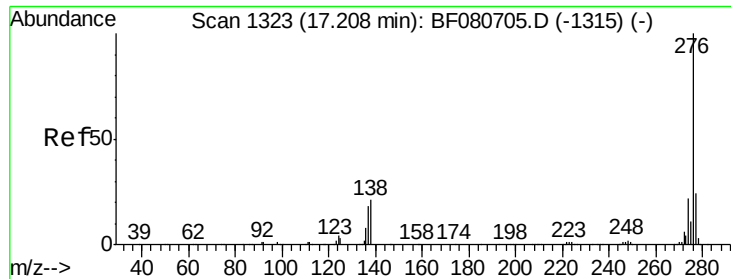
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#90  
Dibenzo(a,h)anthracene  
Concen: 49.80 ng  
RT: 16.81 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF080745.D  
Acq: 31 Jul 2015 20:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.6  | 9.8   | 14.8  |
| 279     | 24.2  | 19.4  | 29.2  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 50.19 ng  
 RT: 17.21 min Scan# 1323  
 Delta R.T. -0.00 min  
 Lab File: BF080745.D  
 Acq: 31 Jul 2015 20:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84784BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 579513 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.0 | 18.9  | 28.3   |
| 138       | 19.2 | 16.9  | 25.3   |

Manual Integrations  
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