

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070215\  
 Data File : BF080310.D  
 Acq On : 2 Jul 2015 16:06  
 Operator : TP/UM  
 Sample : PB84307BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

Manual Integrations  
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 7/6/2015 3:30:53 PM

Quant Time: Jul 03 04:37:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 03 03:51:56 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.24  | 152  | 33522    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.53  | 136  | 129867   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.30 | 164  | 63491    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.80 | 188  | 124810   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.80 | 240  | 139997   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 16.65 | 264  | 138983   | 20.00 | ng    | -0.11    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.85  | 112 | 251578 | 129.96 | ng | 0.00  |
| 7) Phenol-d6             | 6.85  | 99  | 327122 | 125.88 | ng | 0.01  |
| 23) Nitrobenzene-d5      | 7.80  | 82  | 197504 | 83.73  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.09 | 330 | 84710  | 140.12 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.61  | 172 | 399929 | 90.66  | ng | 0.00  |
| 78) Terphenyl-d14        | 13.51 | 244 | 494048 | 82.66  | ng | -0.03 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.06 | 88  | 29081   | 125.19 | ng | # 100  |
| 3) Pyridine                    | 3.90 | 79  | 83859   | 35.00  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.80 | 42  | 39695   | 37.19  | ng | 95     |
| 6) Aniline                     | 6.90 | 93  | 97088   | 27.94  | ng | 90     |
| 8) 2-Chlorophenol              | 7.02 | 128 | 91870   | 43.20  | ng | 93     |
| 9) Benzaldehyde                | 6.78 | 77  | 44428   | 31.29  | ng | 94     |
| 10) Phenol                     | 6.86 | 94  | 113208  | 39.39  | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.96 | 93  | 79285   | 36.47  | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.18 | 146 | 103878  | 40.02  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.26 | 146 | 96506m  | 37.34  | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.41 | 146 | 97617   | 38.02  | ng | 96     |
| 15) Benzyl Alcohol             | 7.37 | 79  | 79512   | 39.75  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.50 | 45  | 135973  | 40.77  | ng | 100    |
| 17) 2-Methylphenol             | 7.48 | 107 | 67992   | 36.99  | ng | # 93   |
| 18) Hexachloroethane           | 7.77 | 117 | 32061   | 39.74  | ng | # 69   |
| 19) n-Nitroso-di-n-propylamine | 7.64 | 70  | 61943   | 35.85  | ng | # 89   |
| 20) 3+4-Methylphenols          | 7.63 | 107 | 96852   | 39.66  | ng | 92     |
| 22) Acetophenone               | 7.64 | 105 | 130846  | 43.12  | ng | # 92   |
| 24) Nitrobenzene               | 7.81 | 77  | 89239   | 36.49  | ng | 92     |
| 25) Isophorone                 | 8.05 | 82  | 169779  | 37.04  | ng | # 94   |
| 26) 2-Nitrophenol              | 8.14 | 139 | 40490   | 37.91  | ng | # 74   |
| 27) 2,4-Dimethylphenol         | 8.17 | 122 | 81580   | 41.61  | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 8.26 | 93  | 109943  | 39.96  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.38 | 162 | 71366   | 39.41  | ng | 88     |
| 30) 1,2,4-Trichlorobenzene     | 8.48 | 180 | 79404   | 37.59  | ng | 93     |
| 31) Naphthalene                | 8.56 | 128 | 277046m | 41.88  | ng |        |
| 32) Benzoic acid               | 8.24 | 122 | 44985   | 100.26 | ng | 90     |
| 33) 4-Chloroaniline            | 8.59 | 127 | 66169m  | 23.57  | ng |        |
| 34) Hexachlorobutadiene        | 8.67 | 225 | 45480   | 34.18  | ng | 99     |
| 35) Caprolactam                | 8.93 | 113 | 23032   | 41.92  | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 9.06 | 107 | 72066   | 36.76  | ng | # 84   |
| 37) 2-Methylnaphthalene        | 9.25 | 142 | 174720  | 38.57  | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.41 | 216 | 75472   | 35.72  | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 9.41 | 237 | 69090   | 82.73  | ng | 98     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070215\  
 Data File : BF080310.D  
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 Operator : TP/UM  
 Sample : PB84307BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

Manual Integrations  
 APPROVED

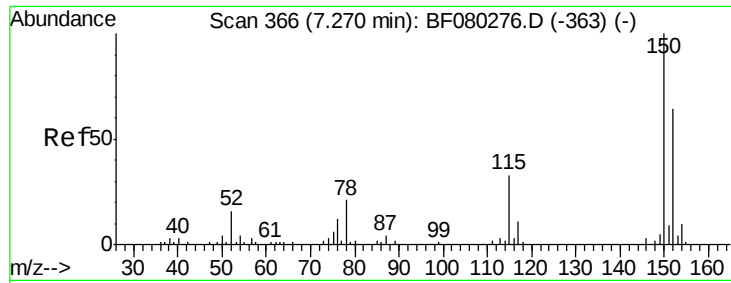
apatel  
 7/6/2015 3:30:53 PM

Quant Time: Jul 03 04:37:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 03 03:51:56 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.53  | 196  | 52777    | 39.46 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.56  | 196  | 63201    | 43.86 | ng #  | 89       |
| 45) 1,1'-Biphenyl              | 9.71  | 154  | 227040   | 42.05 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.74  | 162  | 174784   | 41.82 | ng    | 92       |
| 47) 2-Nitroaniline             | 9.82  | 65   | 52359    | 43.56 | ng #  | 74       |
| 48) Acenaphthylene             | 10.17 | 152  | 271801   | 37.45 | ng    | 98       |
| 49) Dimethylphthalate          | 10.00 | 163  | 191904   | 39.57 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.06 | 165  | 44136    | 44.51 | ng #  | 56       |
| 51) Acenaphthene               | 10.34 | 154  | 179684   | 43.00 | ng    | 93       |
| 52) 3-Nitroaniline             | 10.24 | 138  | 35446    | 31.16 | ng #  | 82       |
| 53) 2,4-Dinitrophenol          | 10.35 | 184  | 39787    | 91.02 | ng #  | 1        |
| 54) Dibenzofuran               | 10.51 | 168  | 250215   | 42.43 | ng    | 93       |
| 55) 4-Nitrophenol              | 10.38 | 139  | 83218    | 98.99 | ng #  | 82       |
| 56) 2,4-Dinitrotoluene         | 10.48 | 165  | 58131    | 45.21 | ng #  | 73       |
| 57) Fluorene                   | 10.85 | 166  | 211626   | 43.26 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.62 | 232  | 54344    | 48.40 | ng    | 95       |
| 59) Diethylphthalate           | 10.70 | 149  | 214802   | 46.60 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.84 | 204  | 92835    | 41.97 | ng #  | 84       |
| 61) 4-Nitroaniline             | 10.85 | 138  | 47931    | 41.47 | ng    | 84       |
| 62) Azobenzene                 | 11.00 | 77   | 189220   | 39.90 | ng    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 10.89 | 198  | 29653    | 52.62 | ng #  | 55       |
| 65) n-Nitrosodiphenylamine     | 10.96 | 169  | 169945   | 41.44 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.33 | 248  | 60126    | 44.57 | ng #  | 81       |
| 67) Hexachlorobenzene          | 11.41 | 284  | 64374    | 44.53 | ng #  | 78       |
| 68) Atrazine                   | 11.47 | 200  | 51040    | 41.17 | ng    | 93       |
| 69) Pentachlorophenol          | 11.61 | 266  | 64756    | 82.33 | ng    | 98       |
| 70) Phenanthrene               | 11.84 | 178  | 308504   | 41.25 | ng    | 99       |
| 71) Anthracene                 | 11.88 | 178  | 317203   | 44.21 | ng    | 100      |
| 72) Carbazole                  | 12.04 | 167  | 280831   | 41.86 | ng    | 100      |
| 73) Di-n-butylphthalate        | 12.37 | 149  | 338651   | 47.05 | ng    | 99       |
| 74) Fluoranthene               | 13.09 | 202  | 340026   | 44.01 | ng    | 95       |
| 76) Benzidine                  | 13.22 | 184  | 160597   | 39.17 | ng    | 98       |
| 77) Pyrene                     | 13.36 | 202  | 357759   | 39.92 | ng    | 100      |
| 79) Butylbenzylphthalate       | 14.07 | 149  | 149065   | 43.38 | ng    | 93       |
| 80) Benzo(a)anthracene         | 14.77 | 228  | 351697   | 41.57 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.73 | 252  | 76585    | 27.73 | ng #  | 97       |
| 82) Chrysene                   | 14.82 | 228  | 327789   | 42.03 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.76 | 149  | 218705   | 45.22 | ng #  | 97       |
| 84) Di-n-octyl phthalate       | 15.57 | 149  | 363684   | 44.63 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.43 | 276  | 393392   | 44.86 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 16.13 | 252  | 344855   | 39.28 | ng #  | 96       |
| 88) Benzo(k)fluoranthene       | 16.17 | 252  | 337521   | 40.82 | ng #  | 96       |
| 89) Benzo(a)pyrene             | 16.57 | 252  | 339837   | 42.47 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 18.45 | 278  | 330478   | 44.03 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 18.97 | 276  | 334759   | 42.75 | ng    | 99       |

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





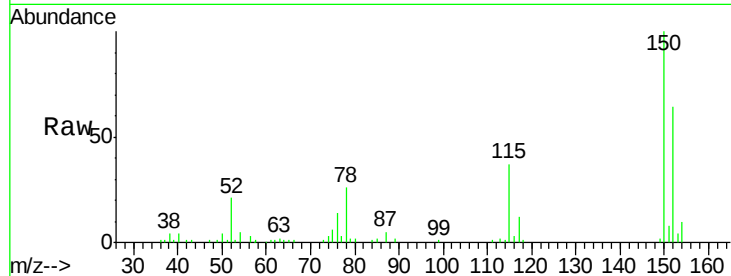
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 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.24 min Scan# 451  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

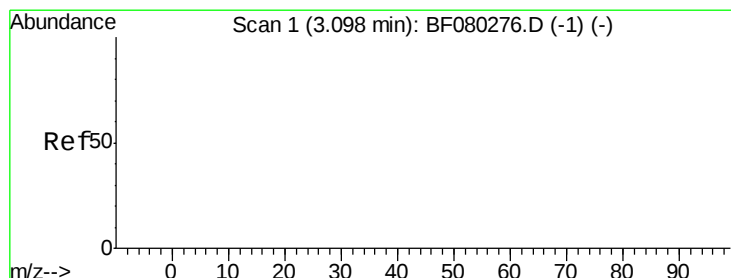
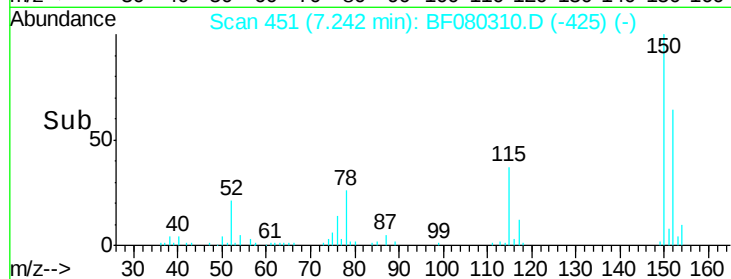
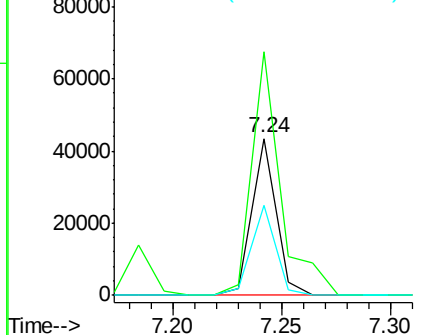
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.3 | 124.7 | 187.1 |
| 115     | 57.6  | 41.0  | 61.6  |

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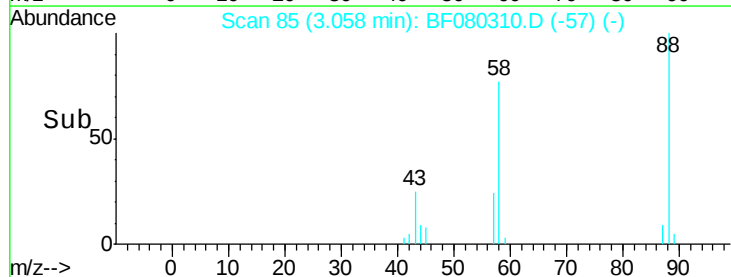
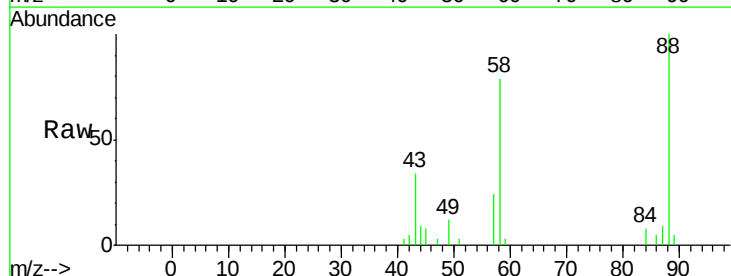
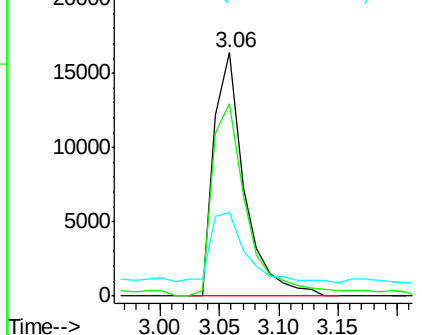
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

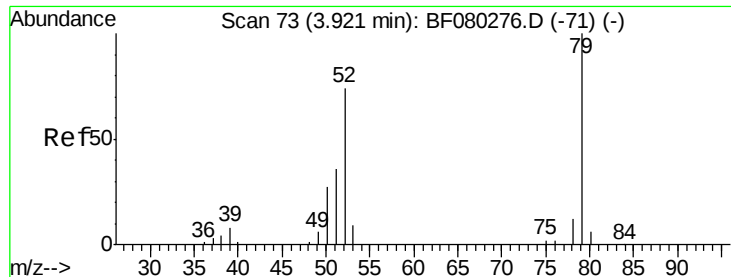


#2  
 1,4-Dioxane  
 Concen: 125.19 ng  
 RT: 3.06 min Scan# 85  
 Delta R.T. 0.02 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 94.4  | 0.0   | 0.0#  |
| 43      | 33.9  | 0.0   | 0.0#  |

Abundance Ion 88.00 (87.70 to 88.70): BF0  
 Ion 58.00 (57.70 to 58.70): BF0  
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.00 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

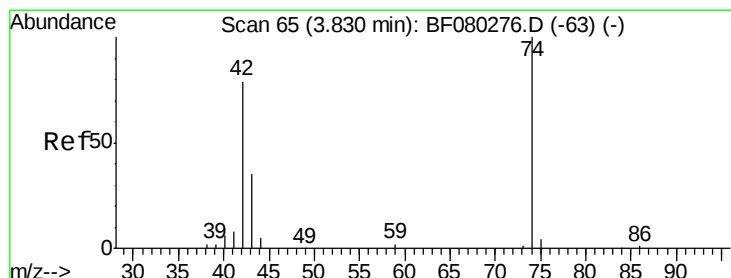
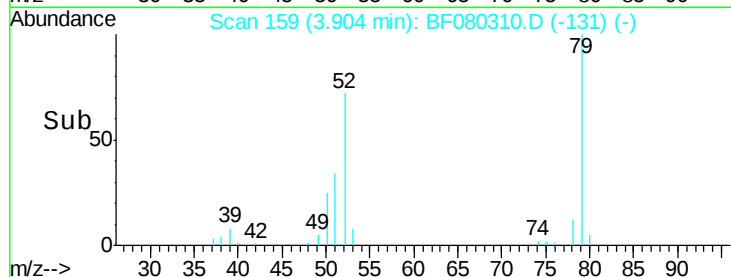
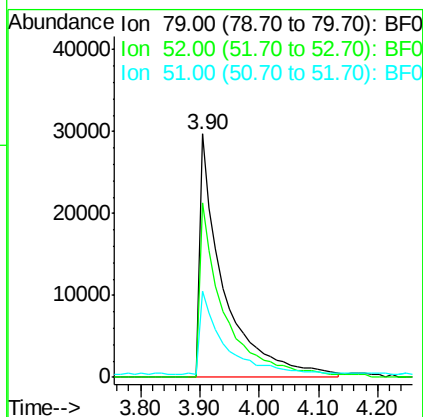
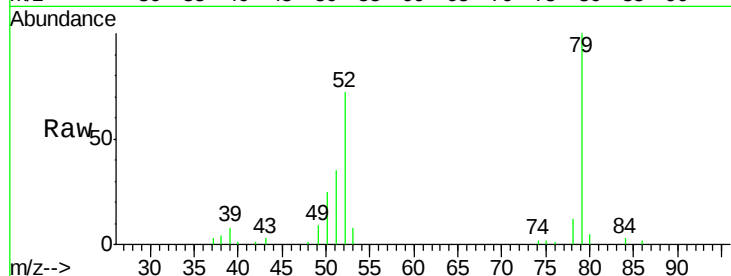
ClientSampleId :

PB84307BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 83859 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 71.7  | 59.3  | 88.9  |
| 51       | 35.5  | 29.0  | 43.6  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.19 ng

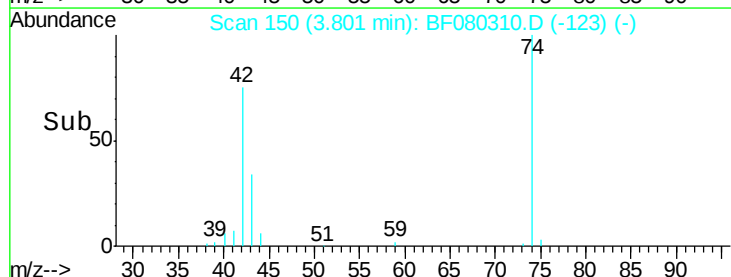
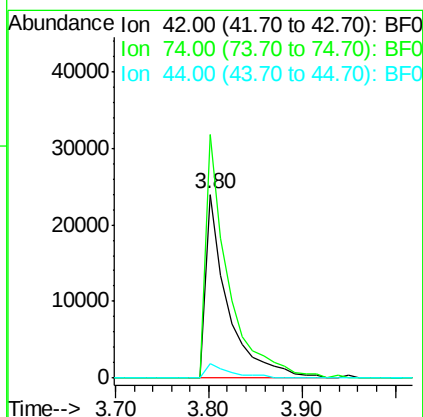
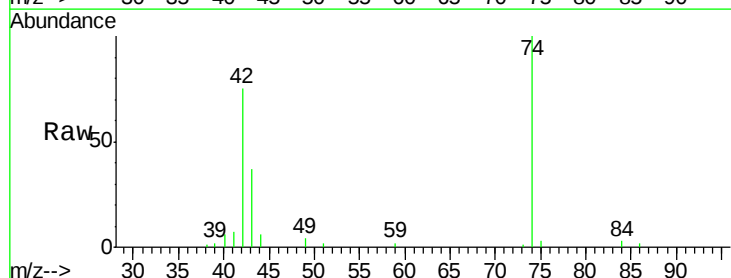
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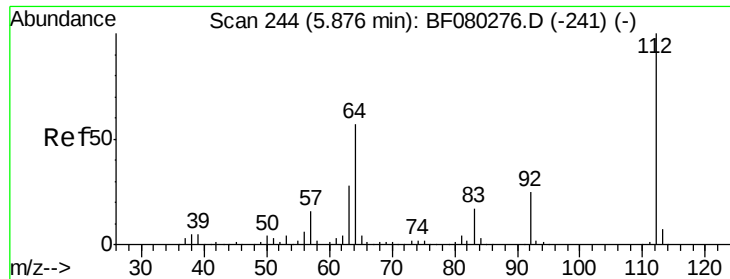
Delta R.T. 0.01 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 39695 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 132.7 | 101.4 | 152.2 |
| 44       | 8.0   | 6.3   | 9.5   |





#5

2-Fluorophenol

Concen: 129.96 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080310.D

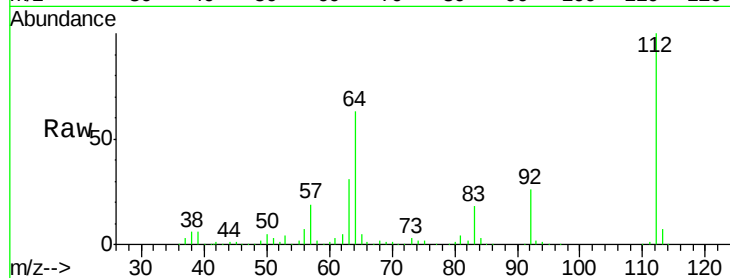
Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

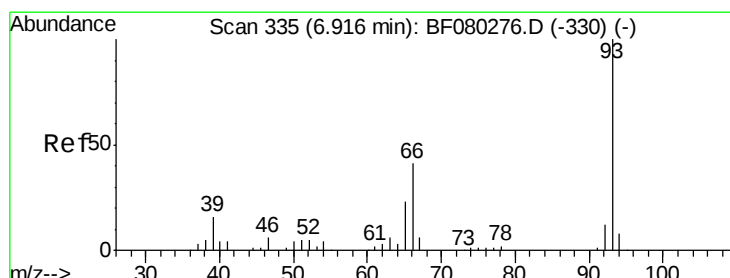
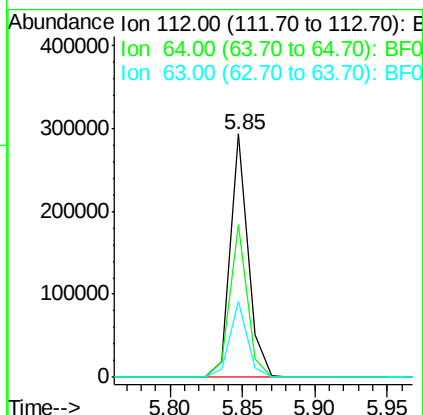
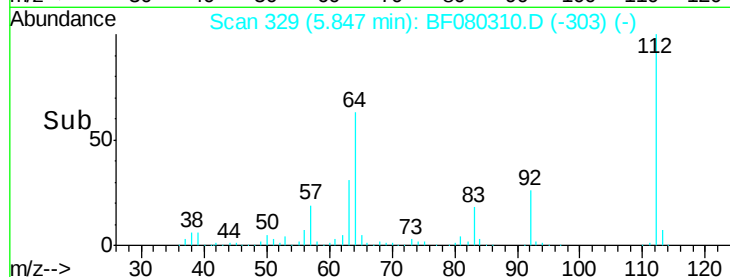
PB84307BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 251578 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.9  | 45.5  | 68.3   |
| 63        | 31.0  | 22.4  | 33.6   |

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#6

Aniline

Concen: 27.94 ng

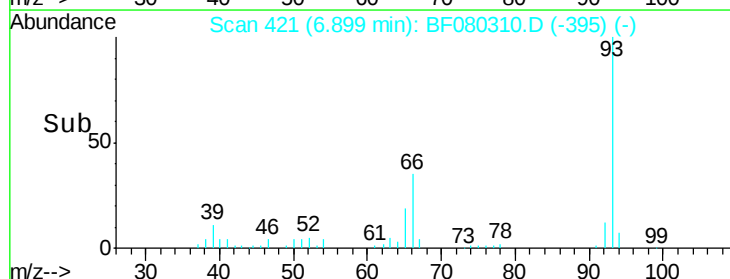
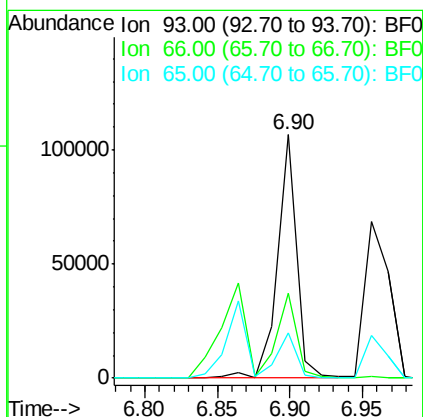
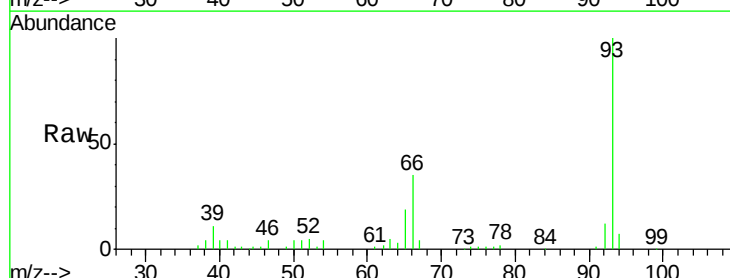
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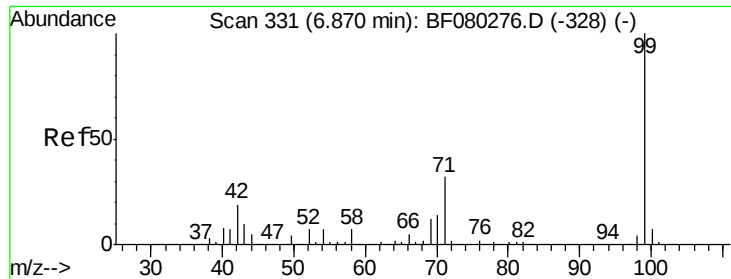
Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 97088 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 35.0  | 33.7  | 50.5  |
| 65        | 18.7  | 18.3  | 27.5  |





#7

Phenol-d6

Concen: 125.88 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

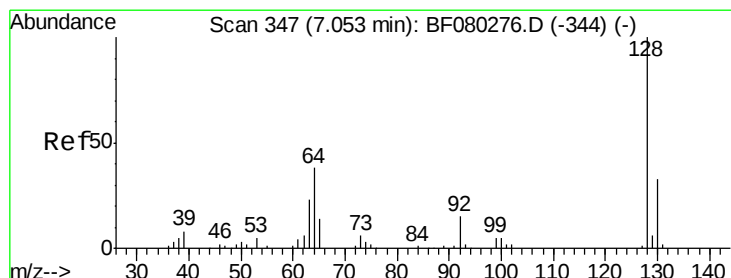
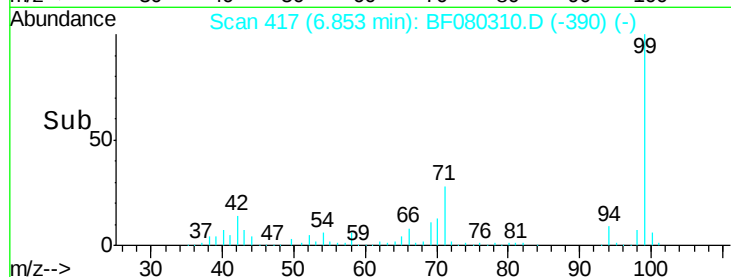
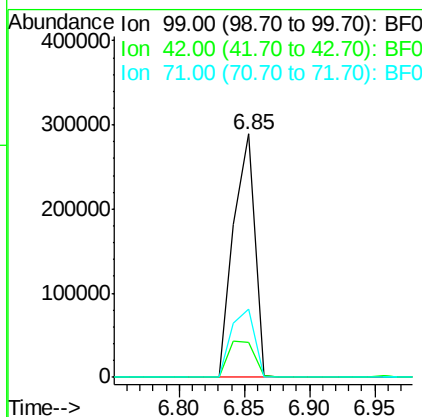
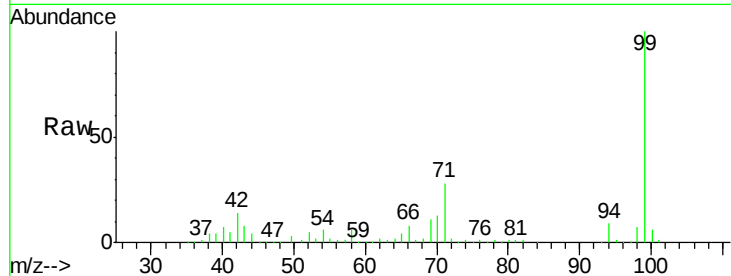
ClientSampleId :

PB84307BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 327122 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.4  | 15.4  | 23.2#  |
| 71        | 28.1  | 25.8  | 38.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.20 ng

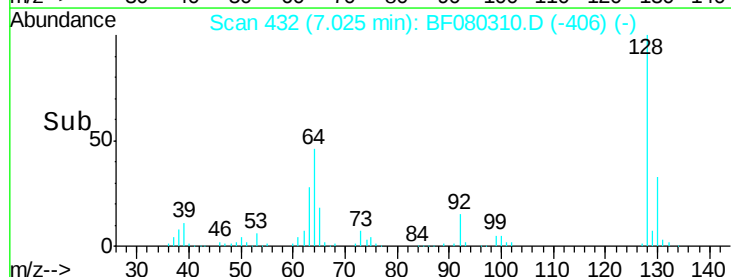
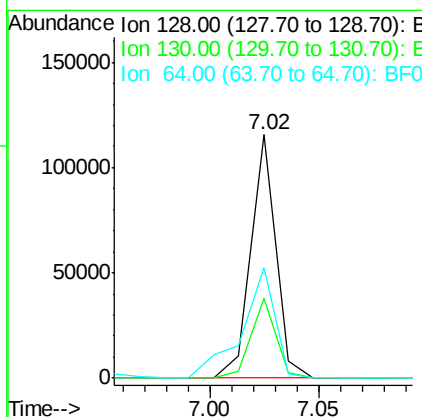
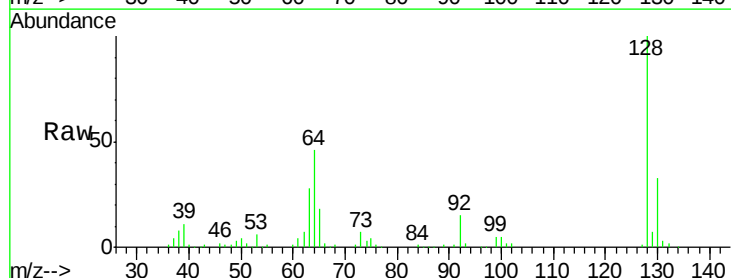
RT: 7.02 min Scan# 432

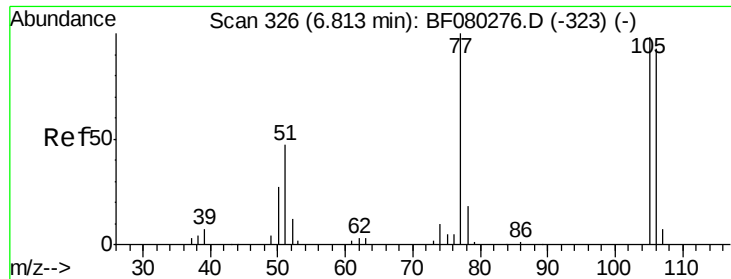
Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 91870 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 32.7  | 13.4  | 53.4  |
| 64        | 45.6  | 18.5  | 58.5  |





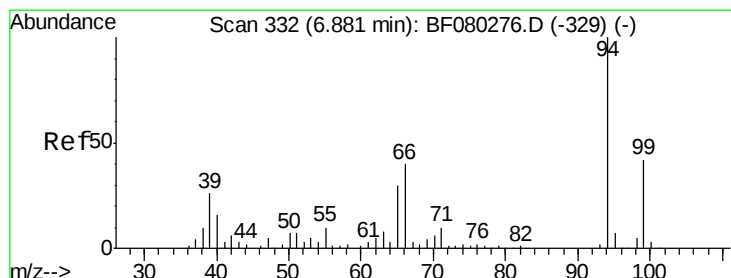
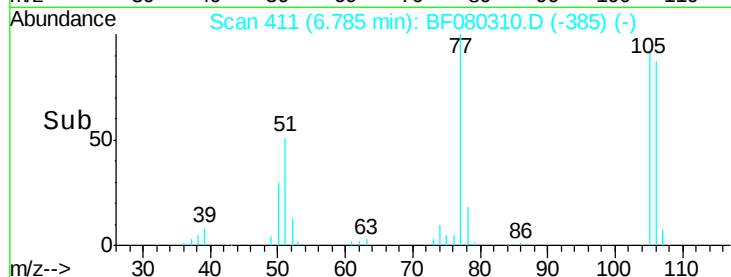
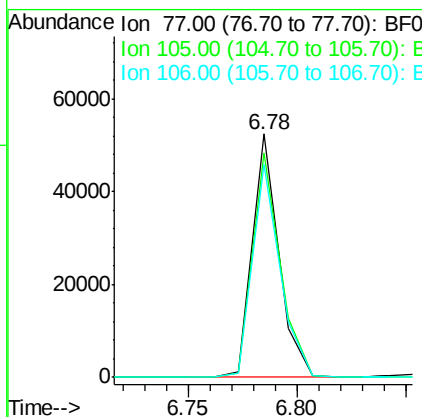
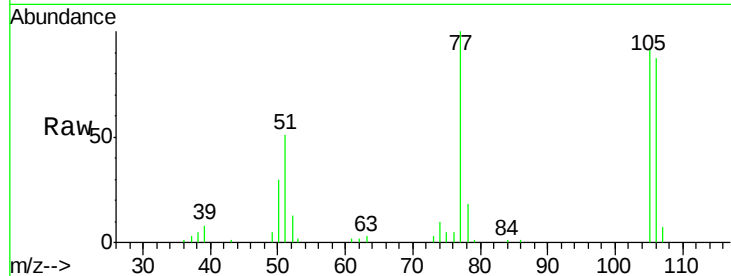
#9  
Benzaldehyde  
Concen: 31.29 ng  
RT: 6.78 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

Tgt Ion: 77 Resp: 44428  
Ion Ratio Lower Upper  
77 100  
105 92.1 78.2 118.2  
106 87.3 72.5 112.5

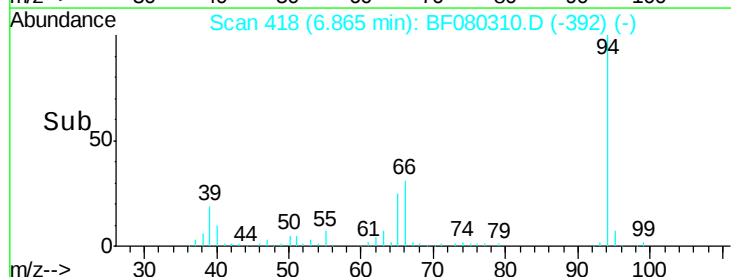
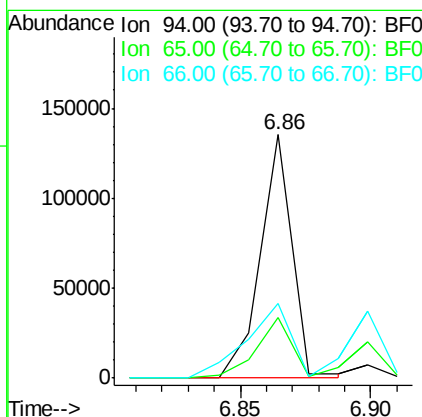
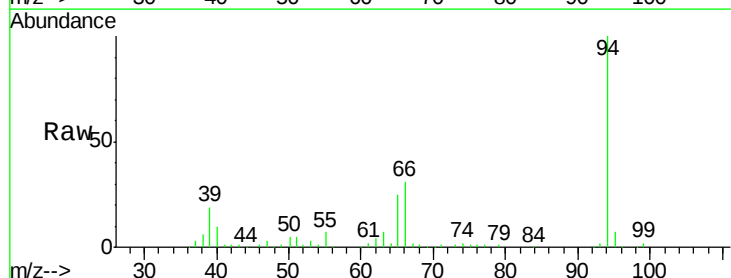
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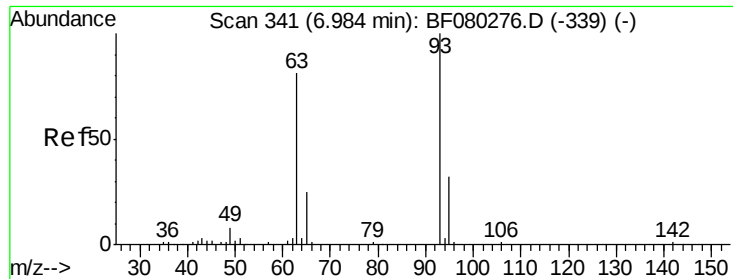
apatel  
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#10  
Phenol  
Concen: 39.39 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Tgt Ion: 94 Resp: 113208  
Ion Ratio Lower Upper  
94 100  
65 25.1 9.6 49.6  
66 30.7 19.7 59.7





#11

bis(2-Chloroethyl)ether

Concen: 36.47 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

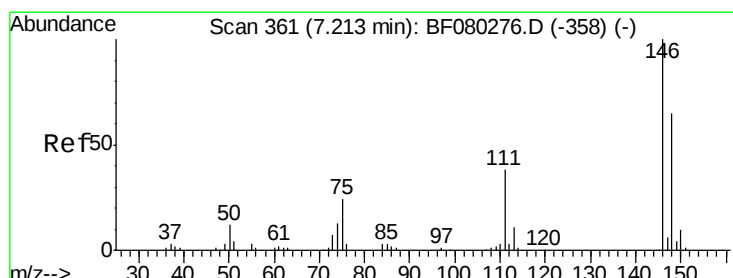
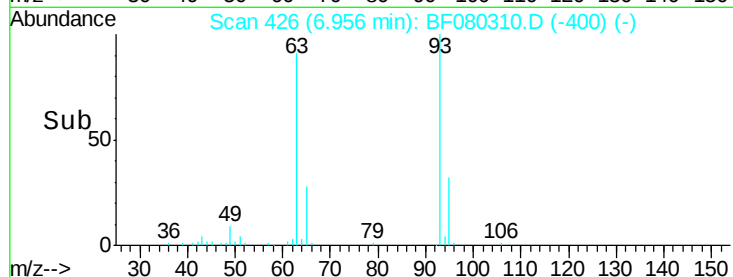
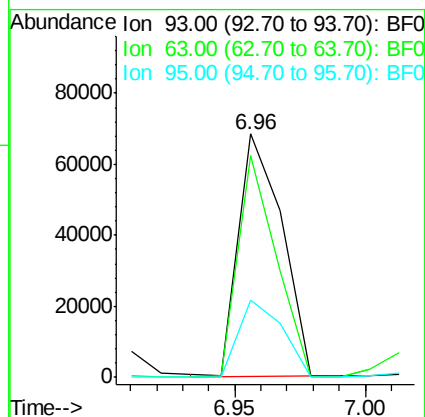
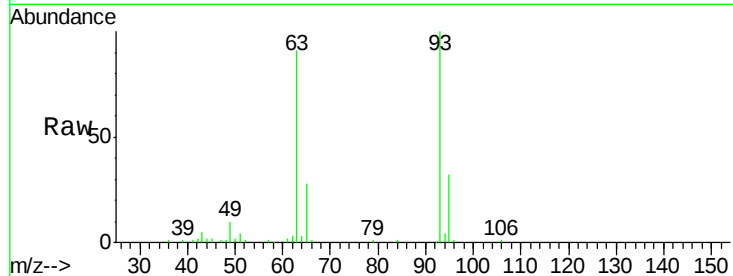
ClientSampleId :

PB84307BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 79285 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 91.2  | 61.0  | 101.0 |
| 95        | 31.8  | 12.0  | 52.0  |

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#12

1,3-Dichlorobenzene

Concen: 40.02 ng

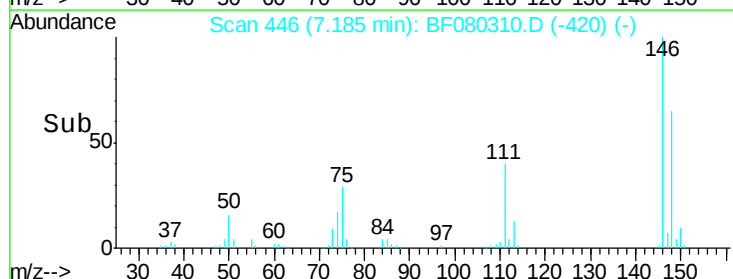
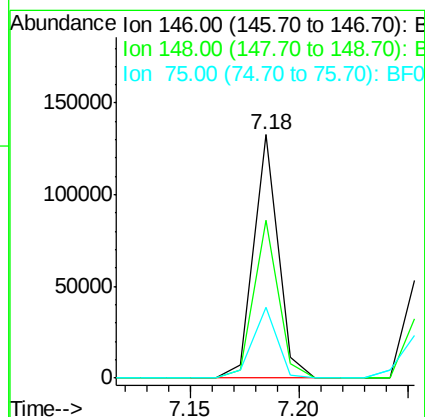
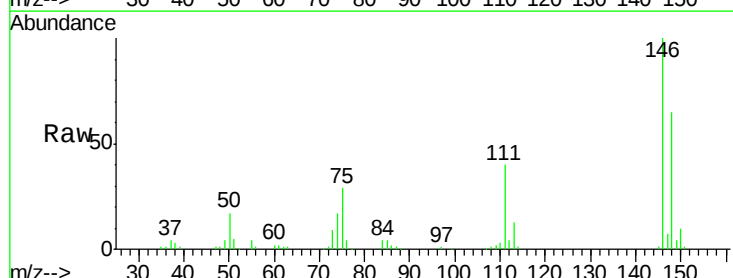
RT: 7.18 min Scan# 446

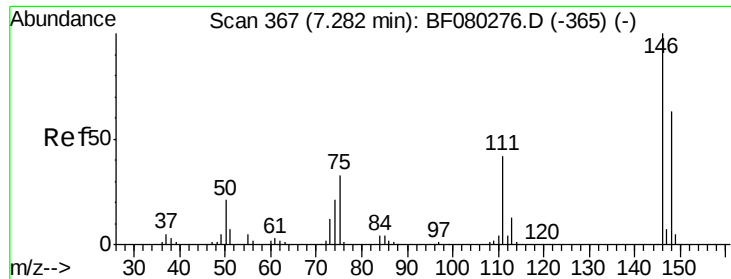
Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 103878 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 51.8  | 77.6   |
| 75        | 29.0  | 19.4  | 29.2   |





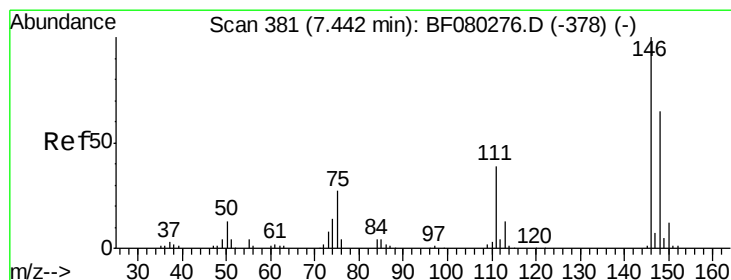
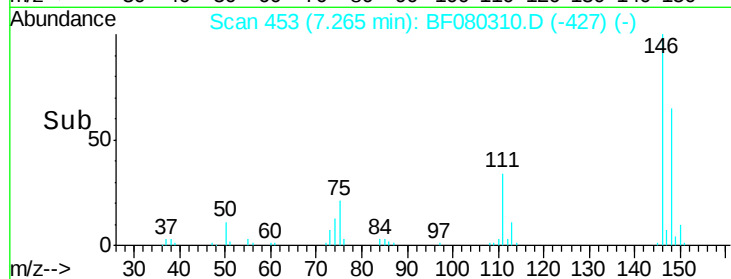
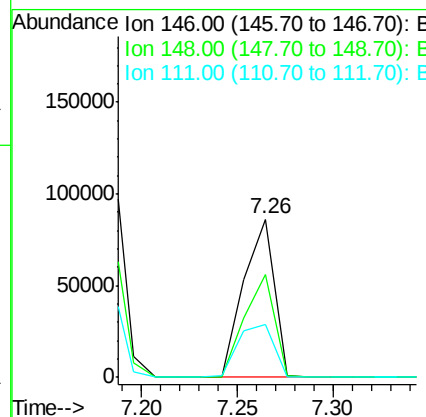
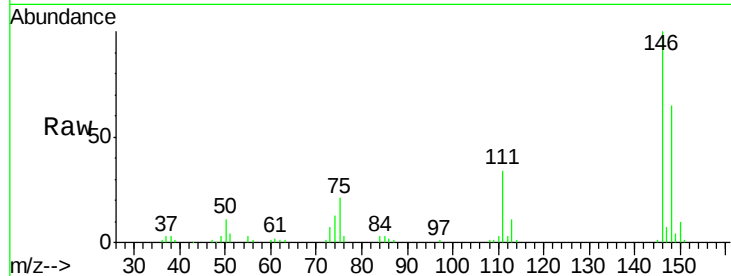
#13  
 1,4-Dichlorobenzene  
 Concen: 37.34 ng m  
 RT: 7.26 min Scan# 453  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 50.2  | 75.2  |
| 111     | 33.6  | 33.8  | 50.8# |

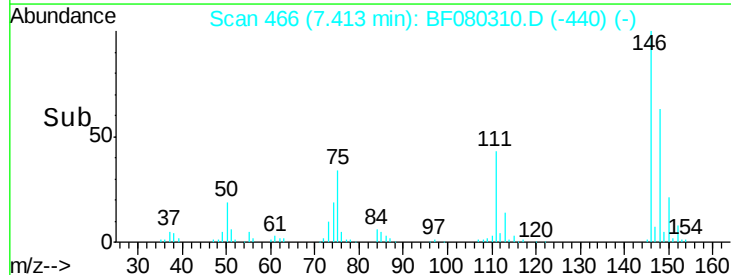
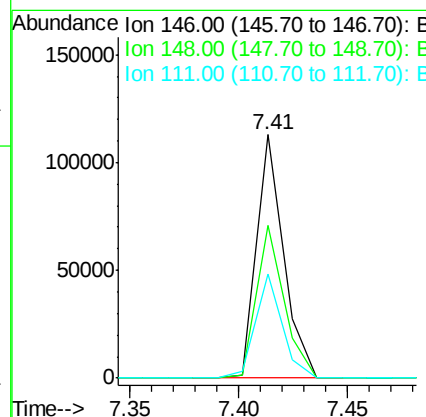
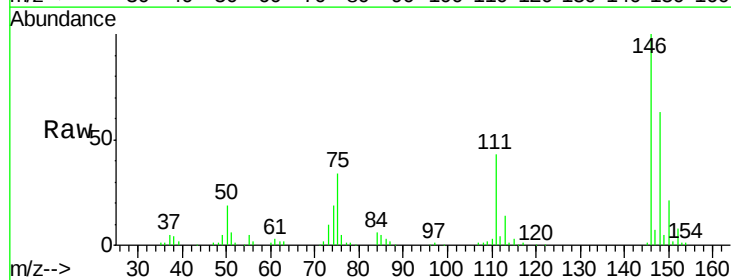
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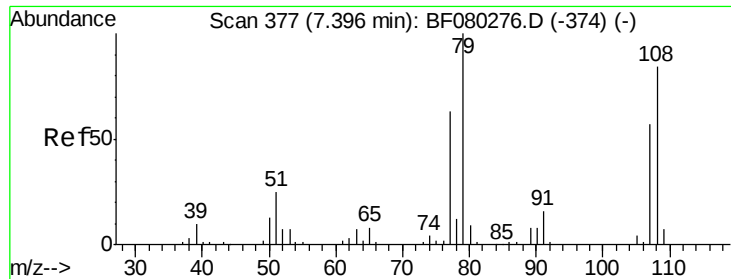
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.02 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 52.2  | 78.4  |
| 111     | 42.8  | 31.6  | 47.4  |





#15

Benzyl Alcohol

Concen: 39.75 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

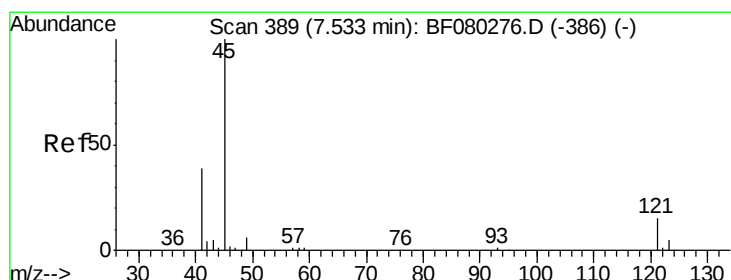
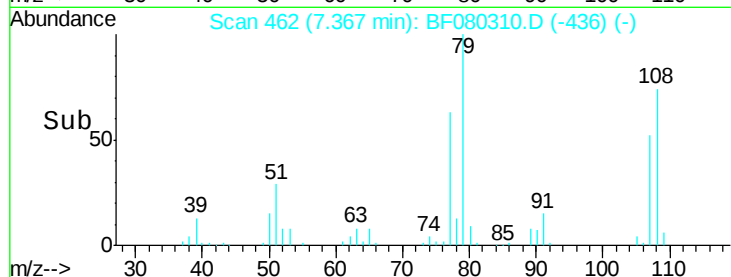
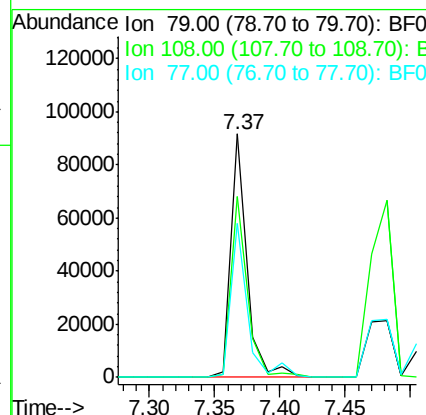
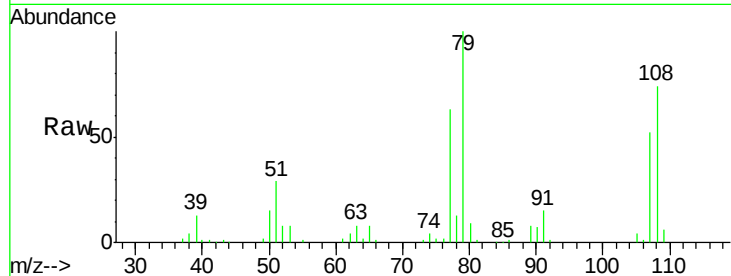
ClientSampleId :

PB84307BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 79512 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 74.5  | 67.1  | 100.7 |
| 77        | 63.4  | 50.7  | 76.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.77 ng

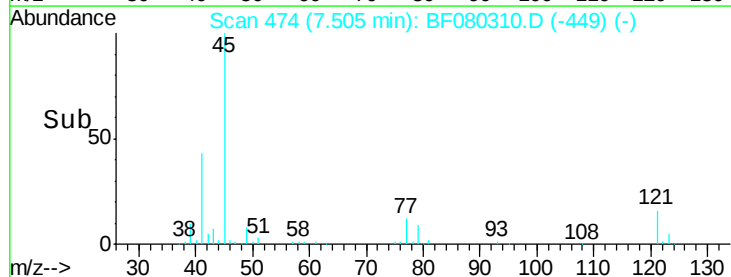
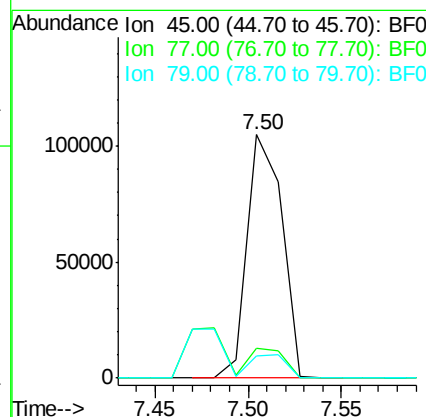
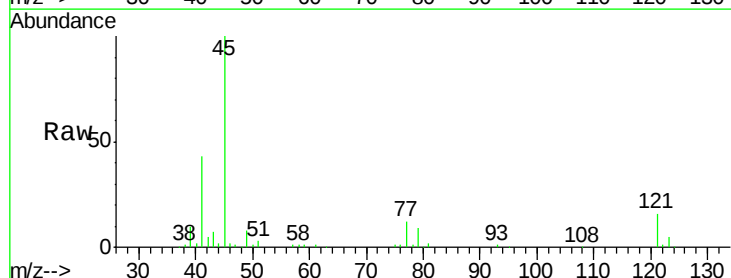
RT: 7.50 min Scan# 474

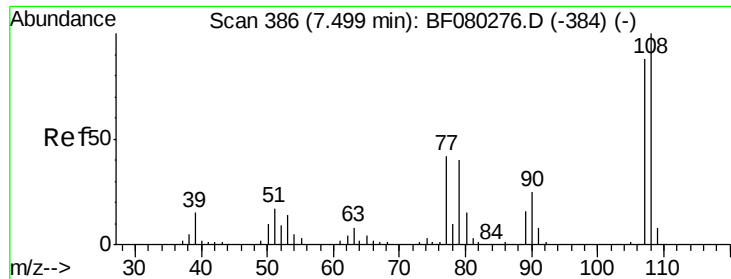
Delta R.T. -0.01 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 135973 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.2  | 0.0   | 32.0   |
| 79        | 9.1   | 0.0   | 29.3   |





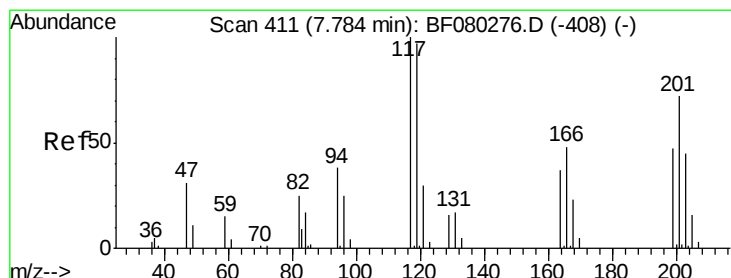
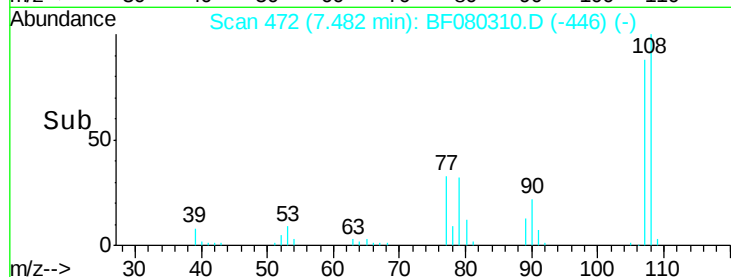
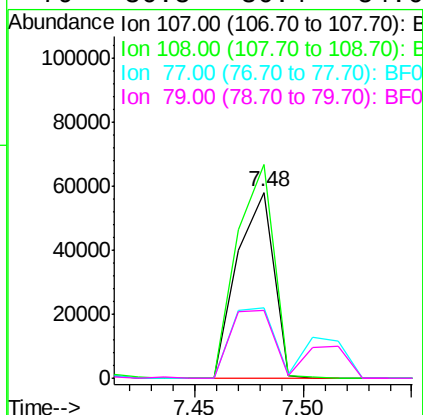
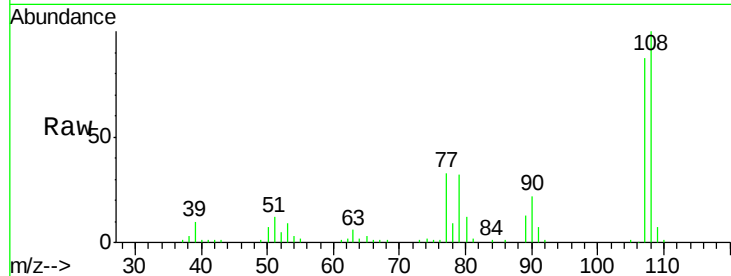
#17  
2-Methylphenol  
Concen: 36.99 ng  
RT: 7.48 min Scan# 472  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 67992 |       |       |
| 108     | 114.8 | 90.6  | 136.0 |       |
| 77      | 37.5  | 38.0  | 57.0  |       |
| 79      | 36.8  | 36.4  | 54.6  |       |

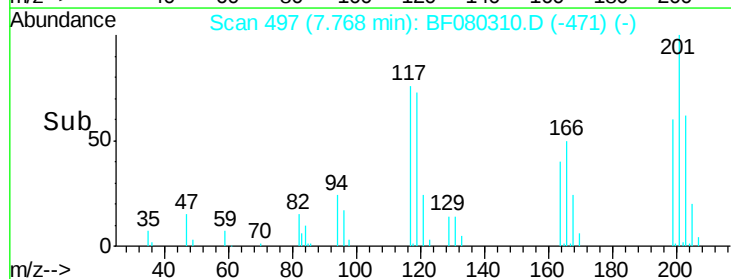
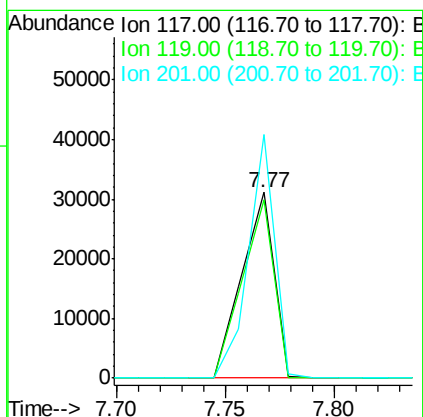
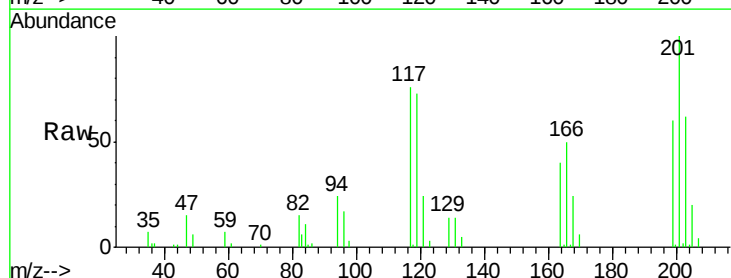
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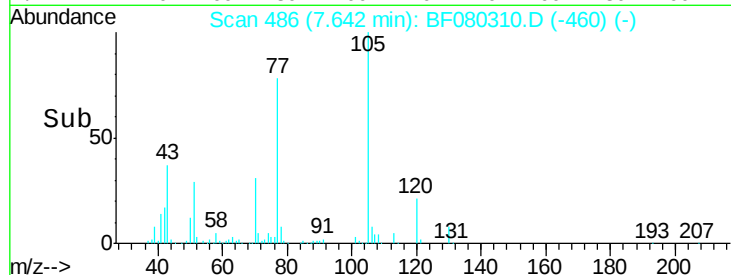
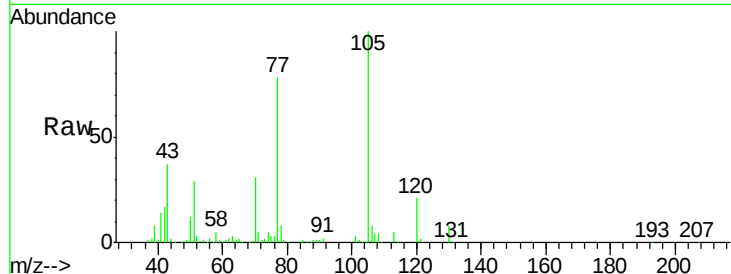
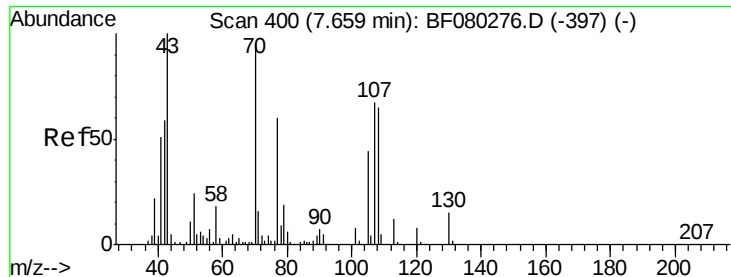
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#18  
Hexachloroethane  
Concen: 39.74 ng  
RT: 7.77 min Scan# 497  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 32061 |       |       |
| 119     | 96.3  | 77.3  | 115.9 |       |
| 201     | 131.2 | 57.5  | 86.3  |       |





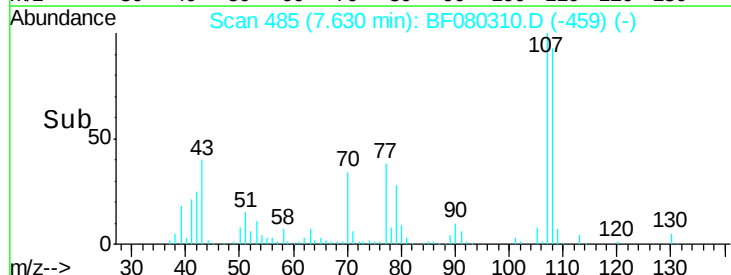
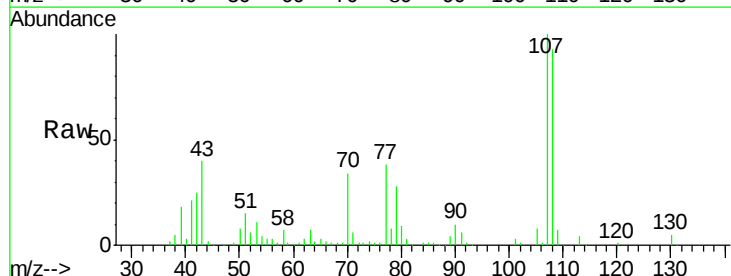
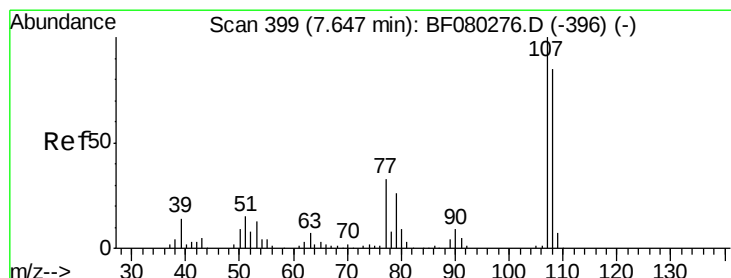
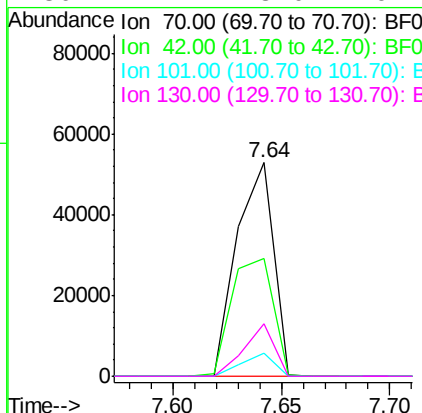
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.85 ng  
RT: 7.64 min Scan# 486  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

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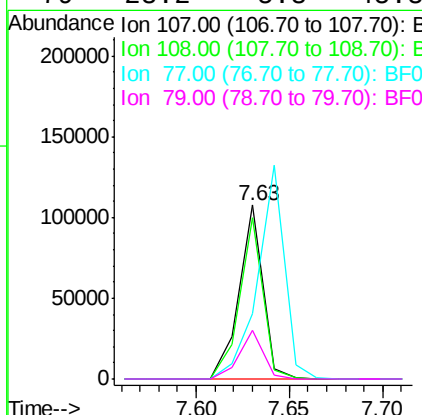
apatel  
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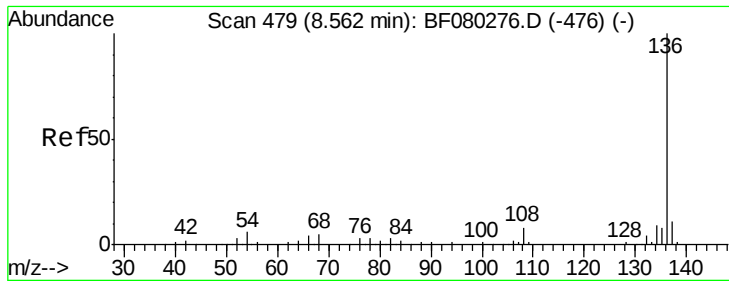
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 55.2 | 49.8  | 74.8  |       |
| 101     | 10.5 | 6.8   | 10.2# |       |
| 130     | 24.4 | 13.0  | 19.4# |       |



#20  
3+4-Methylphenols  
Concen: 39.66 ng  
RT: 7.63 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 92.9 | 64.9  | 104.9 |       |
| 77      | 37.7 | 12.9  | 52.9  |       |
| 79      | 28.2 | 5.8   | 45.8  |       |





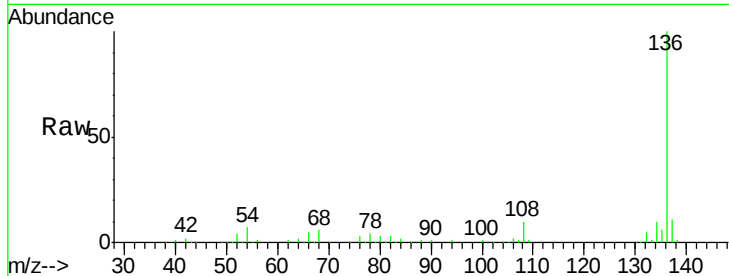
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.53 min Scan# 564  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

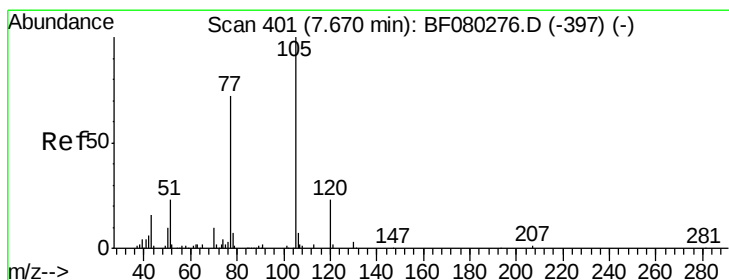
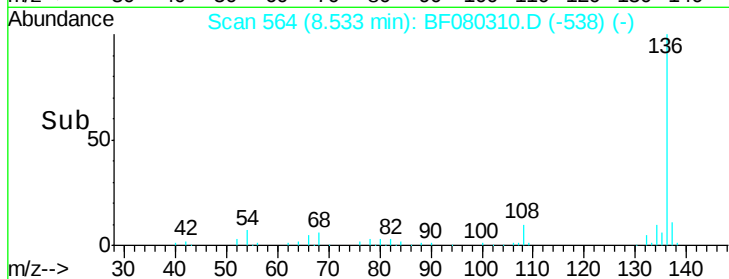
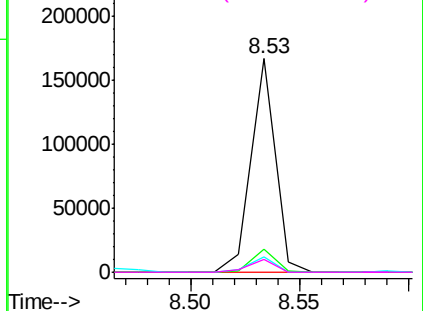
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 129867 |       |       |
| 137     | 10.6  | 8.4    | 12.6  |       |
| 54      | 7.2   | 4.9    | 7.3   |       |
| 68      | 5.9   | 4.0    | 6.0   |       |

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7/6/2015 3:30:53 PM



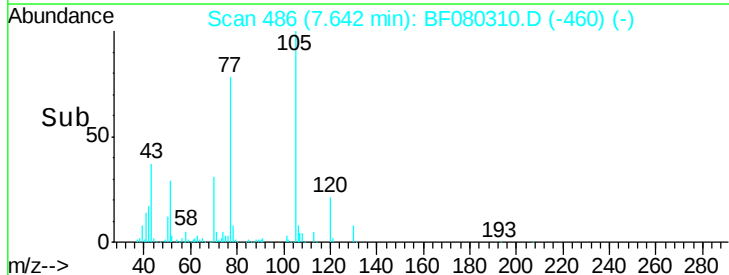
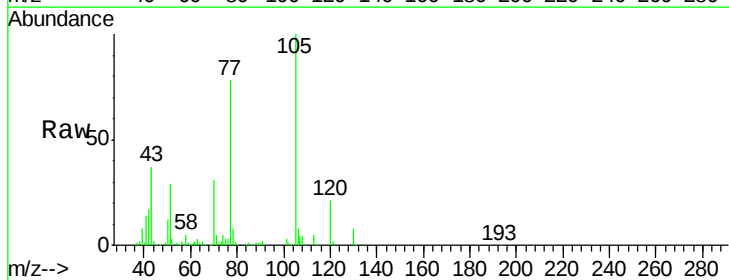
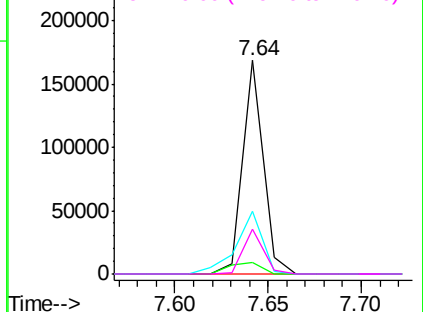
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

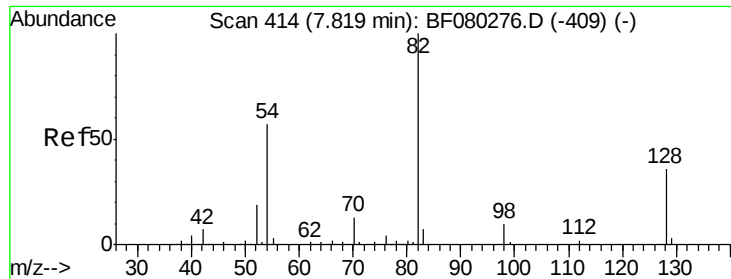


#22  
Acetophenone  
Concen: 43.12 ng  
RT: 7.64 min Scan# 486  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 130846 |       |       |
| 71      | 5.3   | 1.4    | 2.0#  |       |
| 51      | 29.2  | 18.5   | 27.7# |       |
| 120     | 21.0  | 18.1   | 27.1  |       |

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





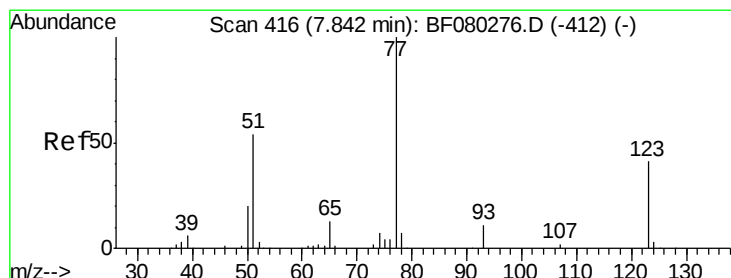
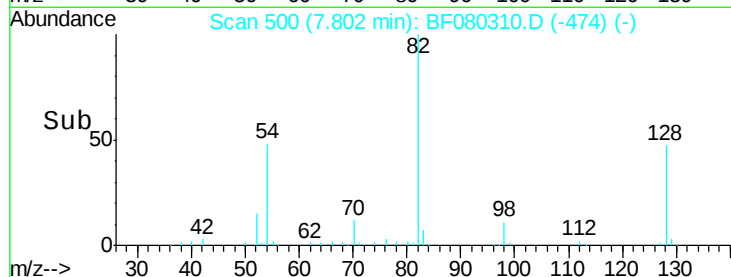
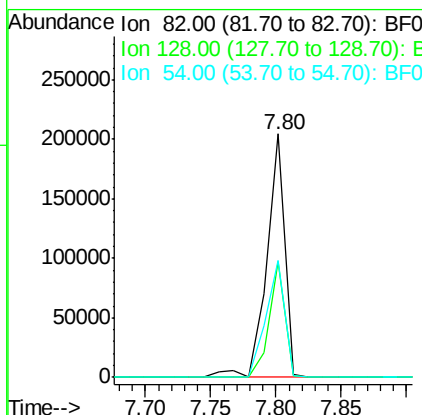
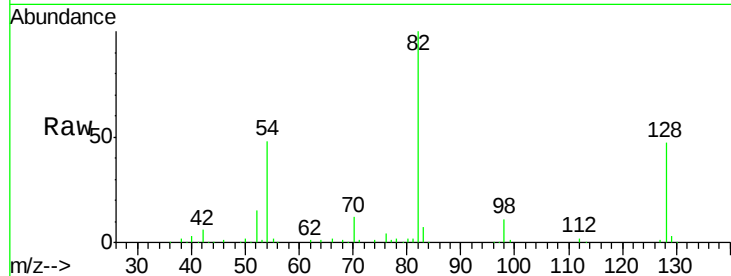
#23  
 Nitrobenzene-d5  
 Concen: 83.73 ng  
 RT: 7.80 min Scan# 500  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.4  | 29.0  | 43.4# |
| 54      | 47.8  | 45.3  | 67.9  |

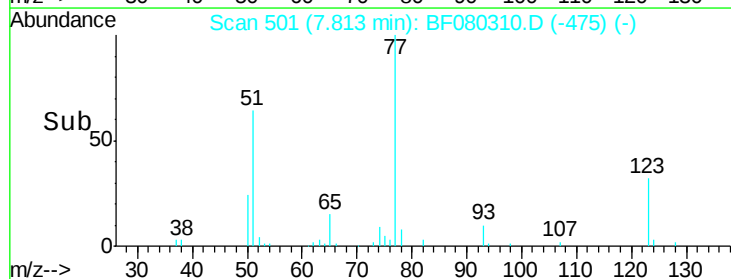
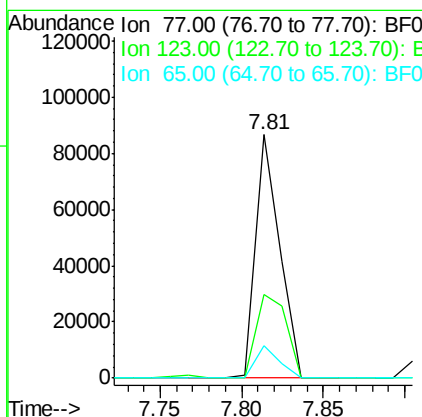
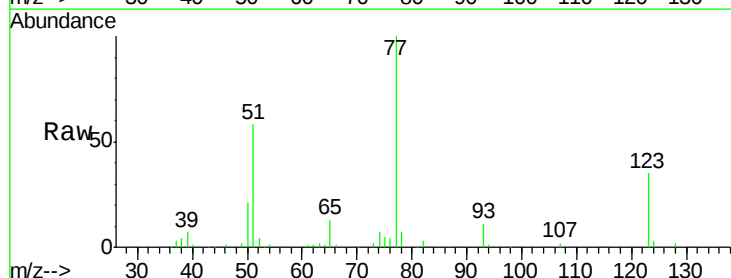
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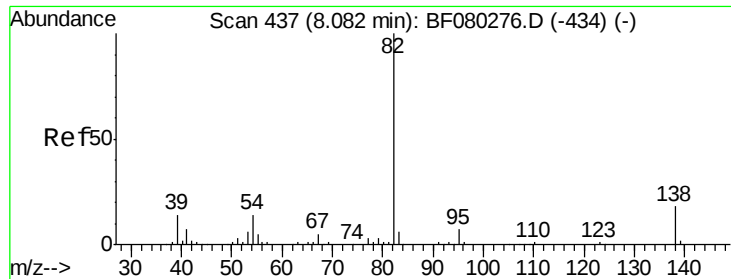
apatel  
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#24  
 Nitrobenzene  
 Concen: 36.49 ng  
 RT: 7.81 min Scan# 501  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 34.5  | 33.0  | 49.6  |
| 65      | 13.2  | 10.6  | 15.8  |





#25

Isophorone

Concen: 37.04 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

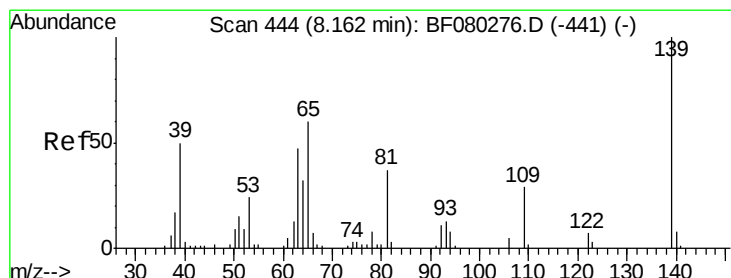
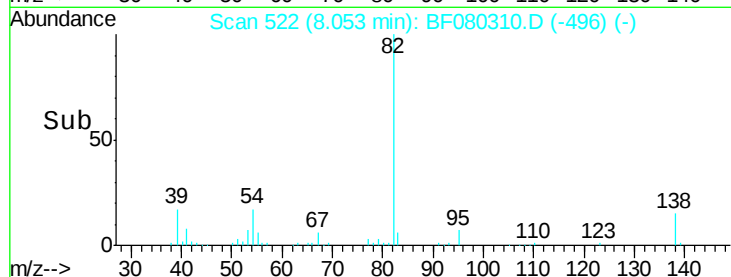
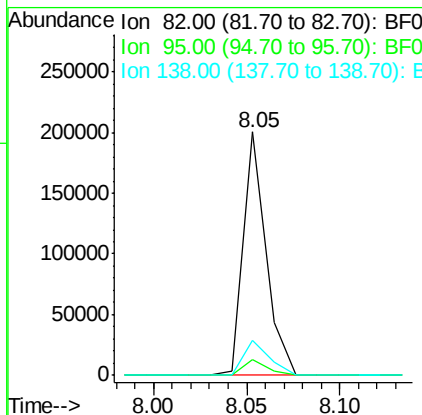
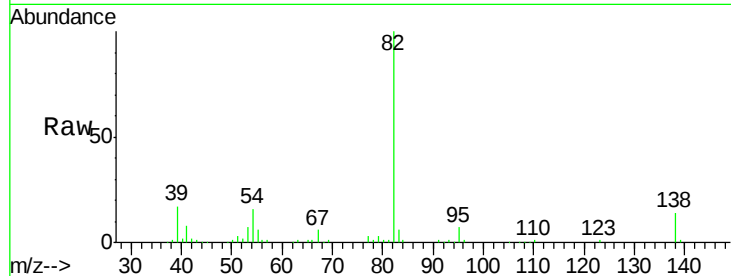
ClientSampleId :

PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 169779 |       |       |
| 95      | 6.6   | 5.3    | 7.9   |       |
| 138     | 14.2  | 14.4   | 21.6# |       |

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#26

2-Nitrophenol

Concen: 37.91 ng

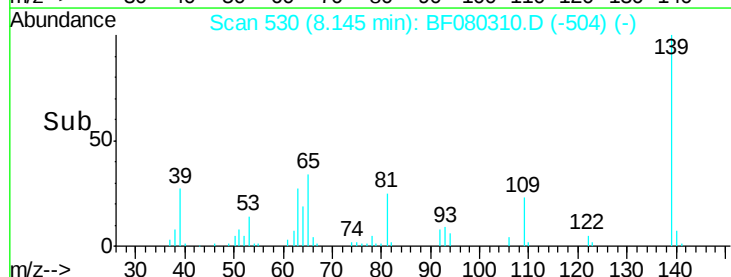
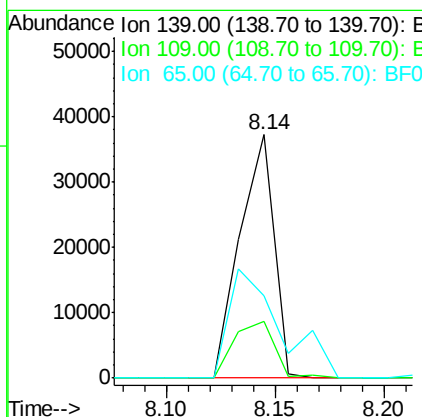
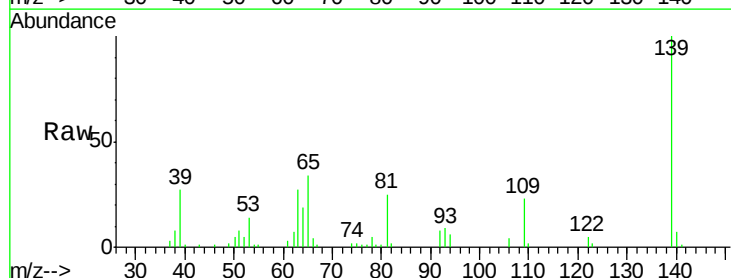
RT: 8.14 min Scan# 530

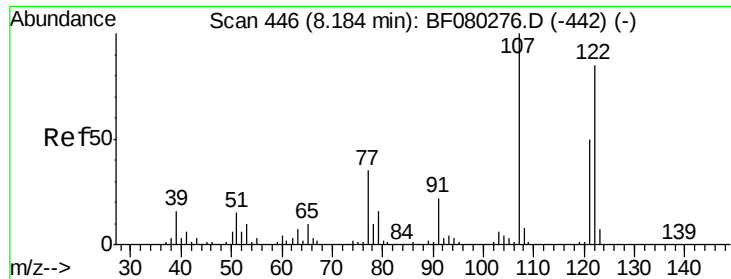
Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 40490 |       |       |
| 109     | 23.4  | 23.1  | 34.7  |       |
| 65      | 33.8  | 47.6  | 71.4# |       |





#27

2,4-Dimethylphenol

Concen: 41.61 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF080310.D

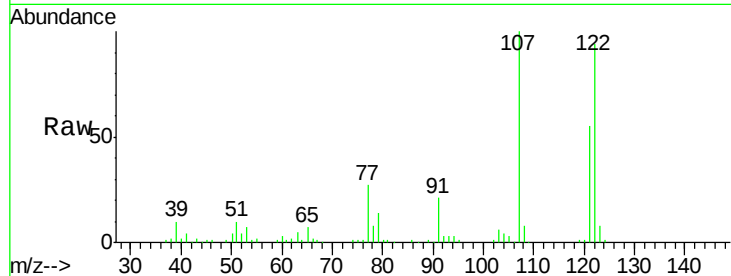
Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

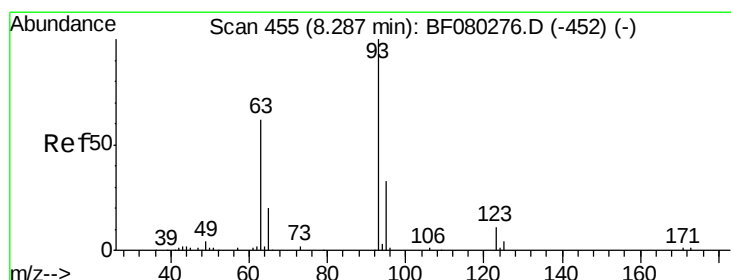
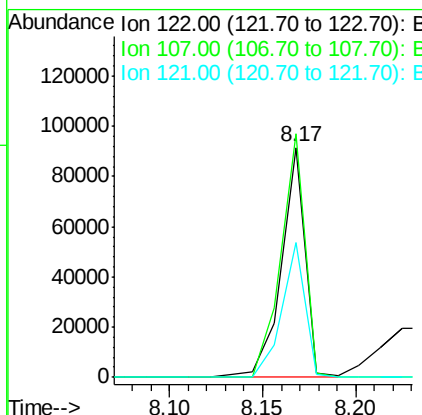
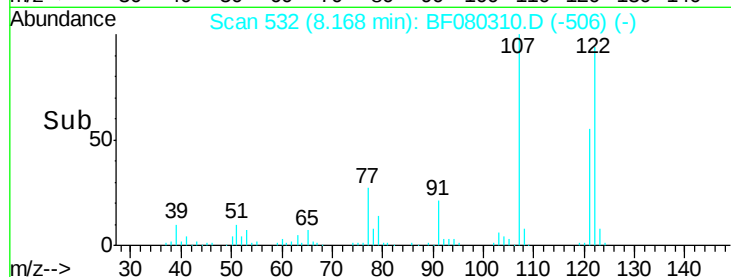
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 81580 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 106.1 | 93.7  | 140.5 |
| 121       | 58.7  | 46.9  | 70.3  |

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#28

bis(2-Chloroethoxy)methane

Concen: 39.96 ng

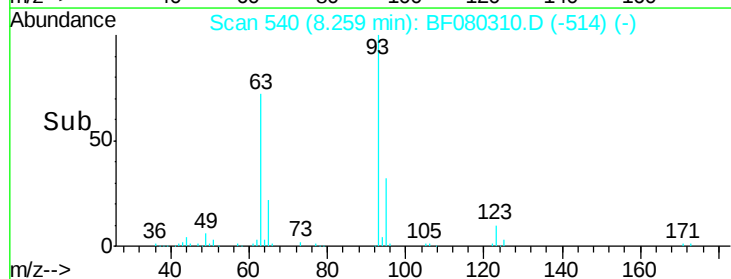
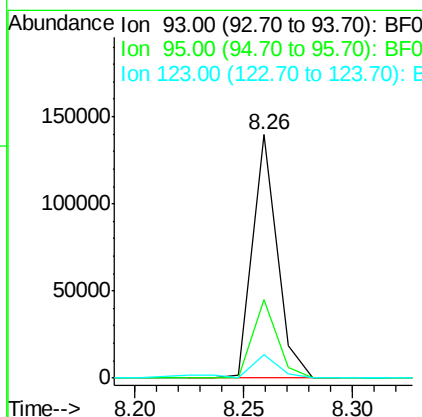
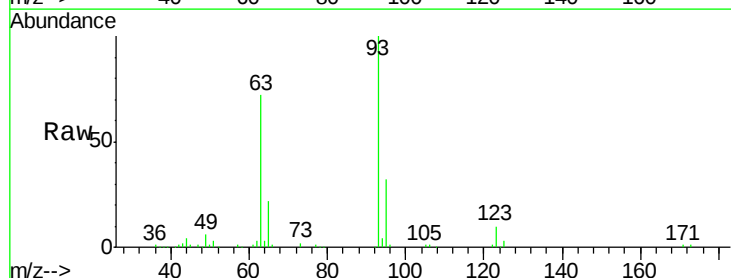
RT: 8.26 min Scan# 540

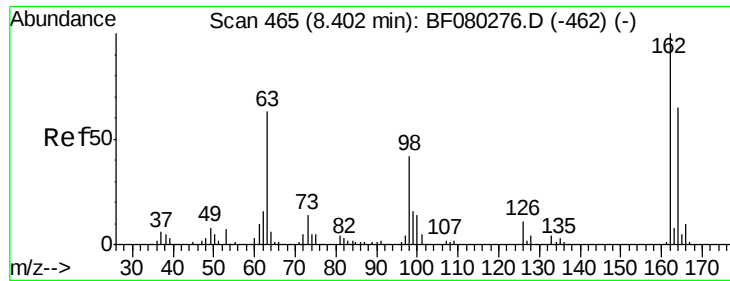
Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 109943 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.0  | 26.6  | 39.8   |
| 123       | 9.6   | 9.2   | 13.8   |





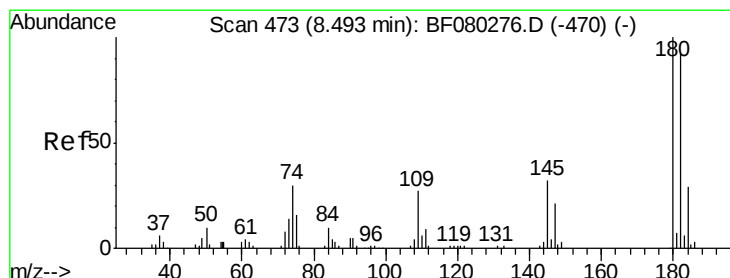
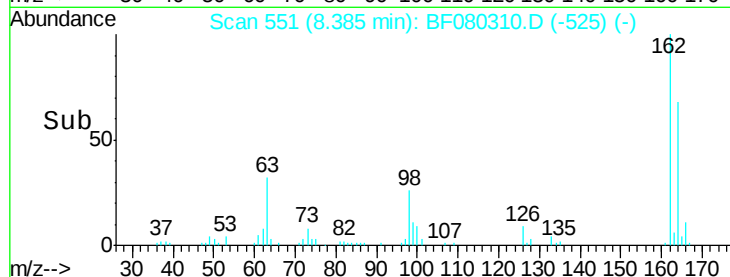
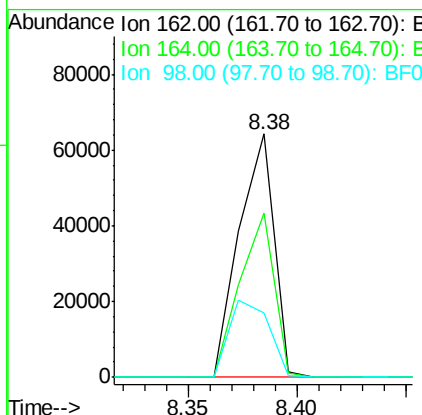
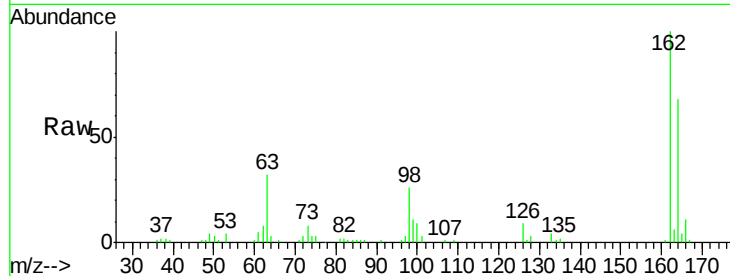
#29  
2,4-Dichlorophenol  
Concen: 39.41 ng  
RT: 8.38 min Scan# 551  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 71366 |       |       |
| 164     | 67.6  | 44.6  | 84.6  |       |
| 98      | 26.3  | 21.7  | 61.7  |       |

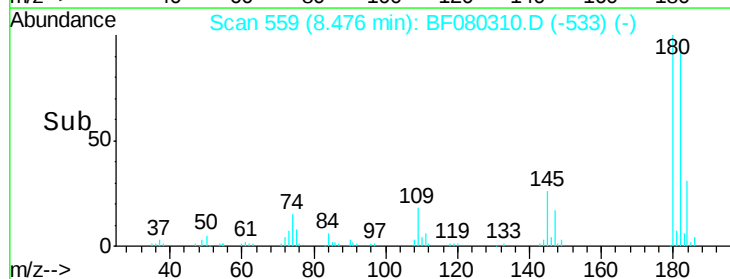
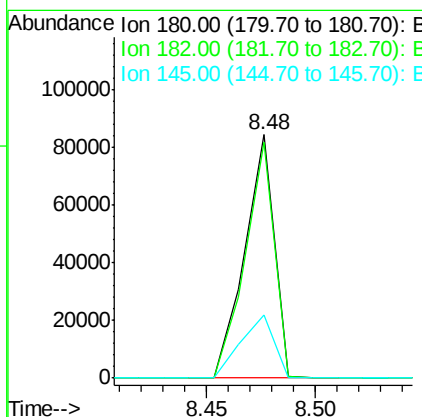
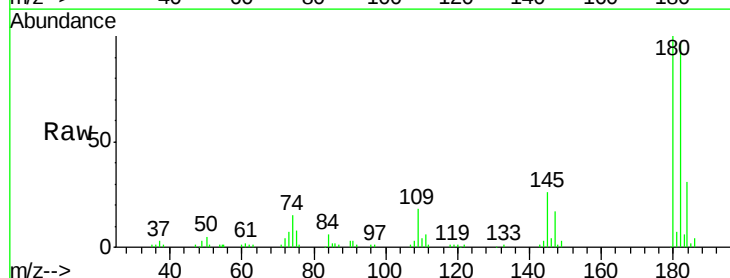
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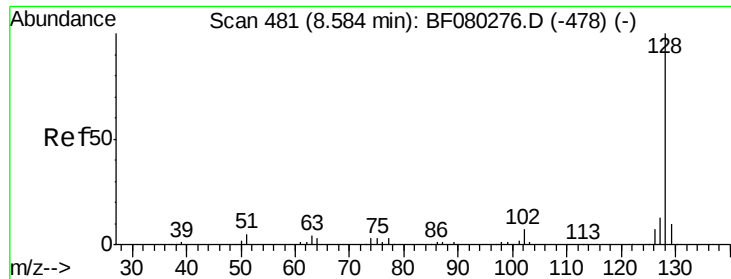
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#30  
1,2,4-Trichlorobenzene  
Concen: 37.59 ng  
RT: 8.48 min Scan# 559  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 79404 |       |       |
| 182     | 96.9  | 73.8  | 110.6 |       |
| 145     | 25.8  | 25.6  | 38.4  |       |





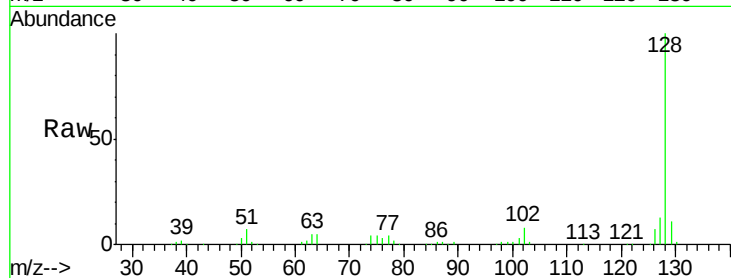
#31  
Naphthalene  
Concen: 41.88 ng m  
RT: 8.56 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

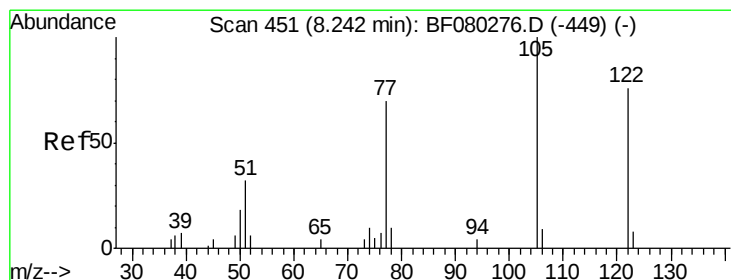
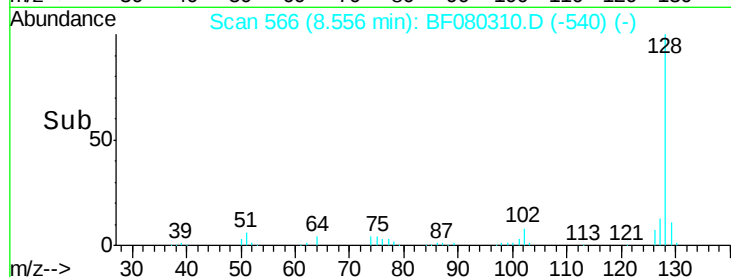
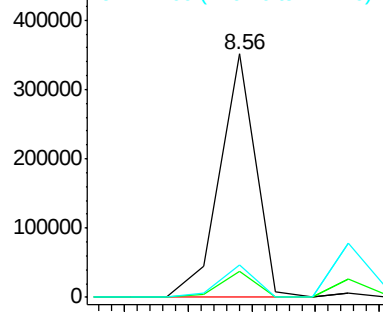
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.2   | 12.4  |
| 127     | 13.1  | 10.4  | 15.6  |

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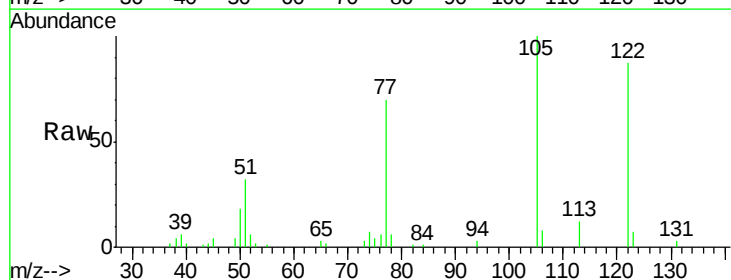


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

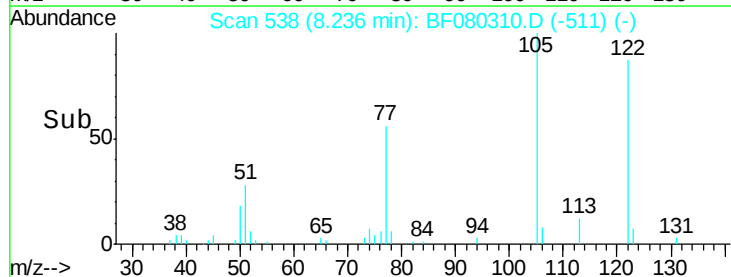
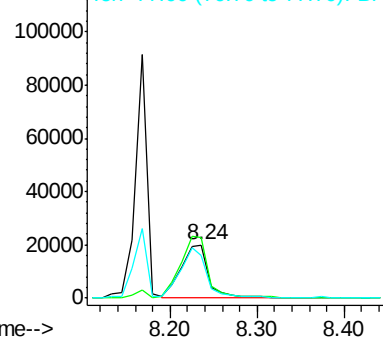


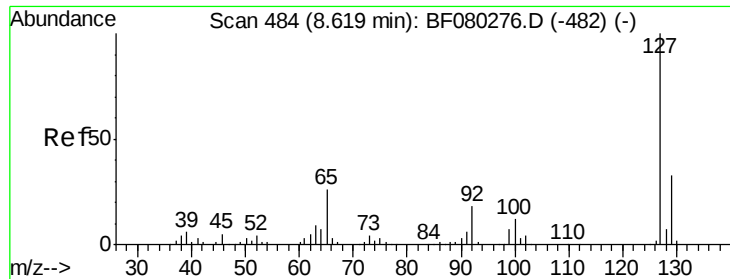
#32  
Benzoic acid  
Concen: 100.26 ng  
RT: 8.24 min Scan# 538  
Delta R.T. 0.01 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.4 | 103.3 | 143.3 |
| 77      | 79.7  | 71.5  | 111.5 |



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





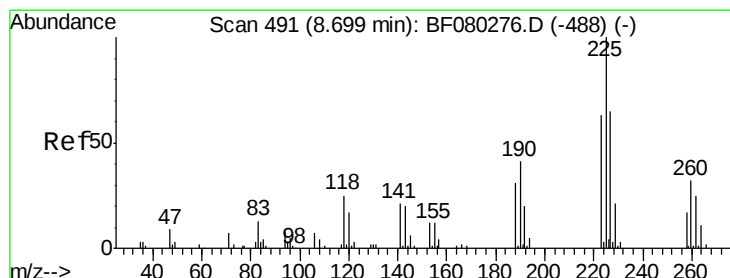
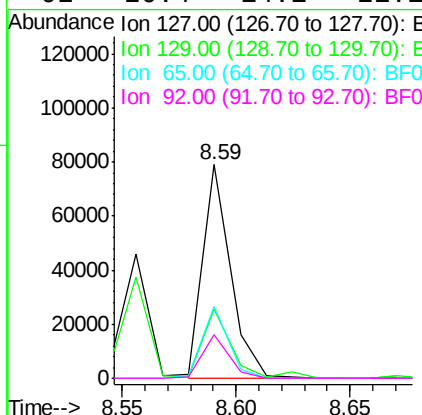
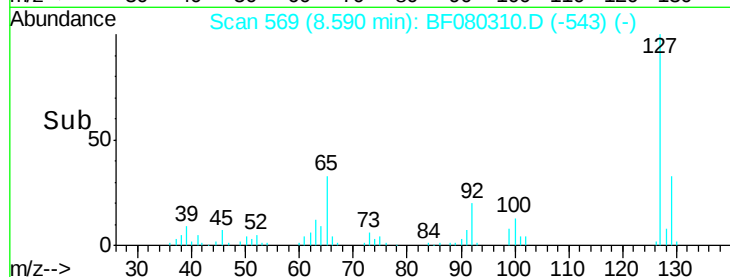
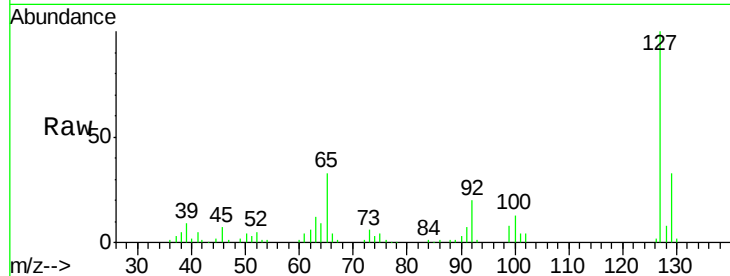
#33  
4-Chloroaniline  
Concen: 23.57 ng m  
RT: 8.59 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 66169 |       |       |
| 129     | 32.5  | 26.4  | 39.6  |       |
| 65      | 33.3  | 21.0  | 31.6  |       |
| 92      | 20.4  | 14.1  | 21.1  |       |

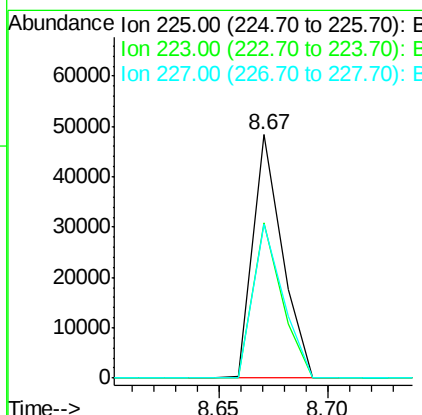
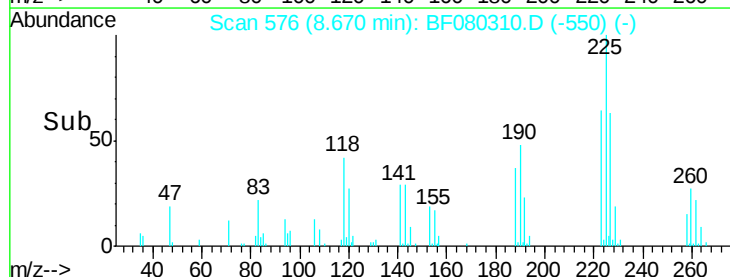
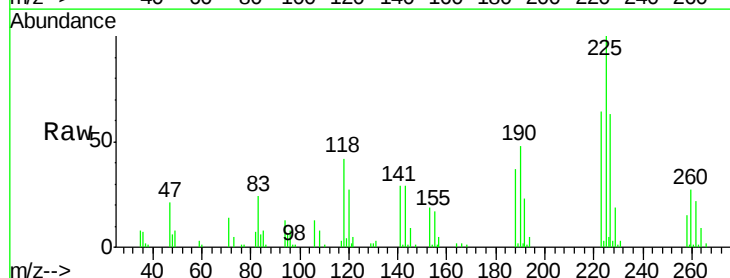
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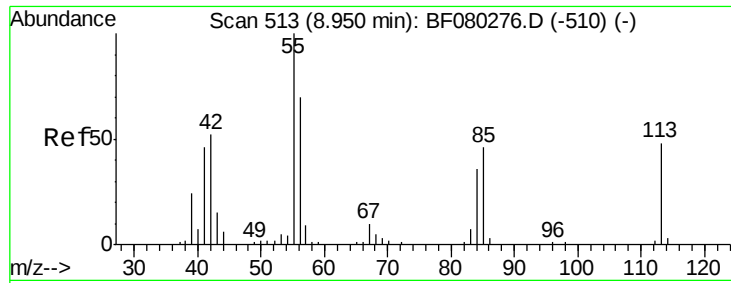
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#34  
Hexachlorobutadiene  
Concen: 34.18 ng  
RT: 8.67 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 45480 |       |       |
| 223     | 63.6  | 50.5  | 75.7  |       |
| 227     | 63.5  | 51.8  | 77.8  |       |





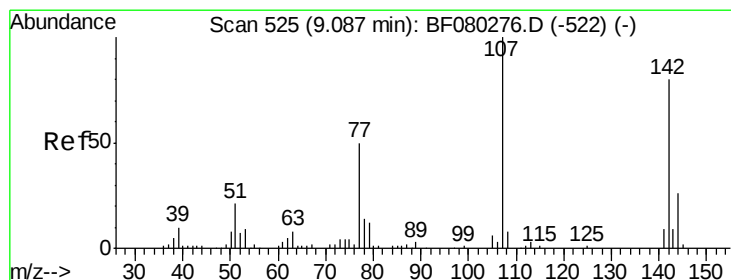
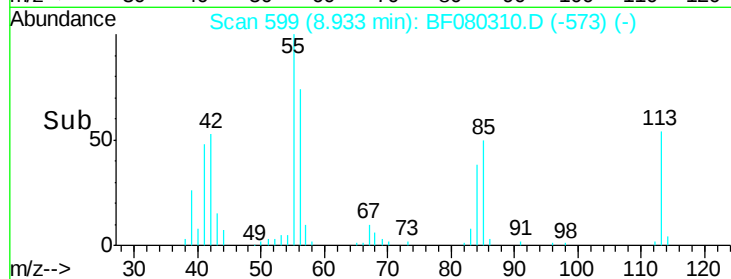
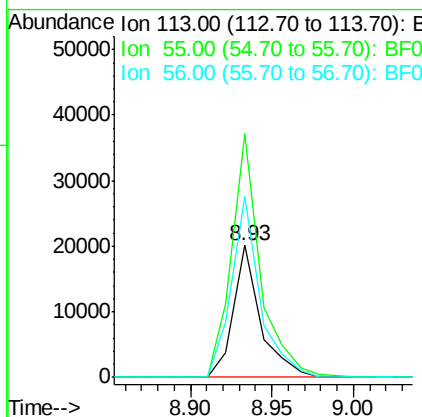
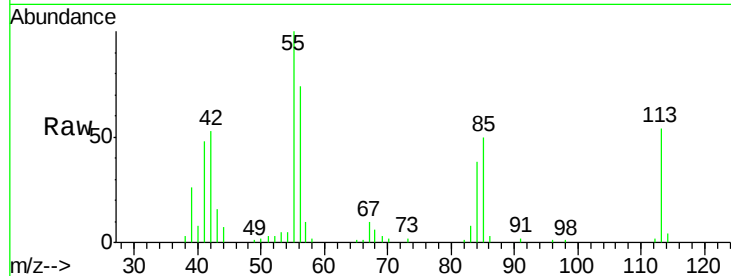
#35  
 Caprolactam  
 Concen: 41.92 ng  
 RT: 8.93 min Scan# 599  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB84307BS

Tgt Ion:113 Resp: 23032  
 Ion Ratio Lower Upper  
 113 100  
 55 184.6 189.7 229.7#  
 56 136.9 127.2 167.2

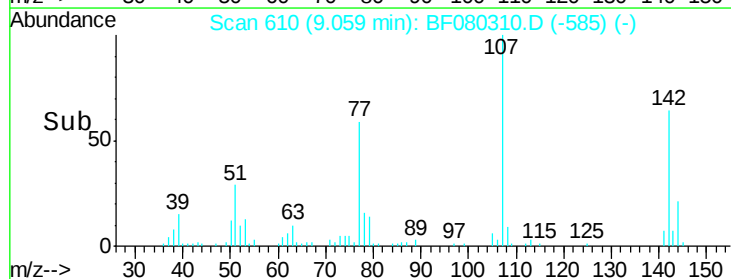
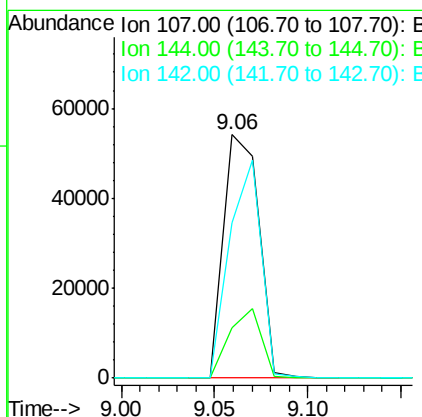
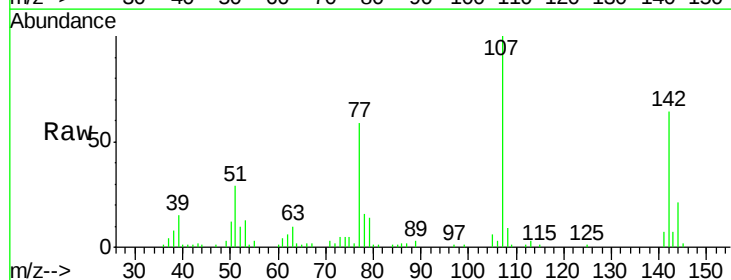
Manual Integrations  
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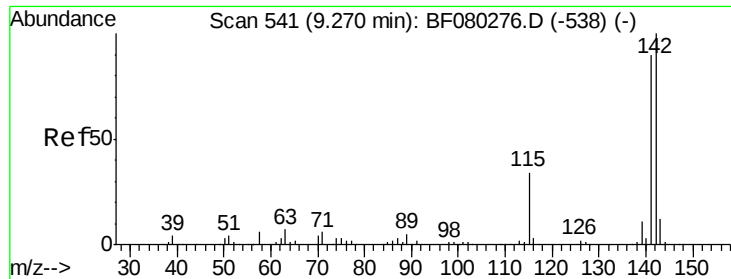
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#36  
 4-Chloro-3-methylphenol  
 Concen: 36.76 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.01 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Tgt Ion:107 Resp: 72066  
 Ion Ratio Lower Upper  
 107 100  
 144 20.7 20.4 30.6  
 142 63.6 63.8 95.6#





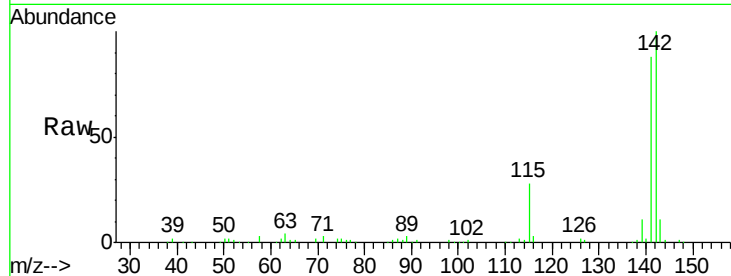
#37  
 2-Methylnaphthalene  
 Concen: 38.57 ng  
 RT: 9.25 min Scan# 627  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

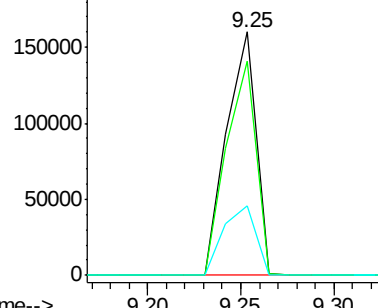
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 71.8  | 107.6 |
| 115     | 28.4  | 27.4  | 41.2  |

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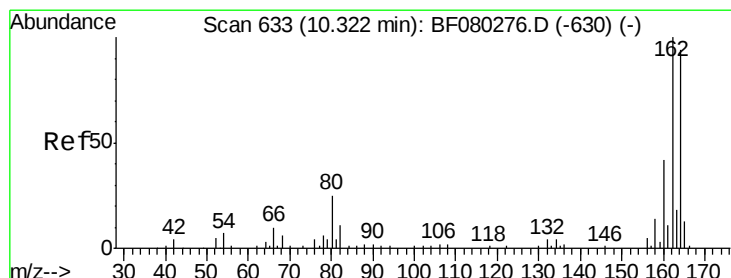
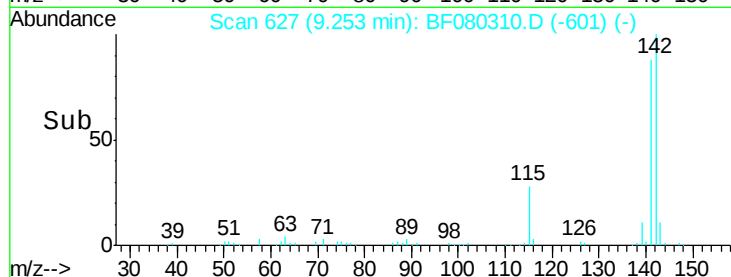
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Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E



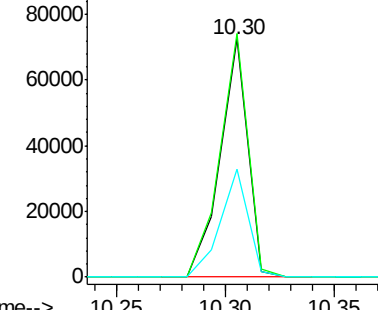
Time-->



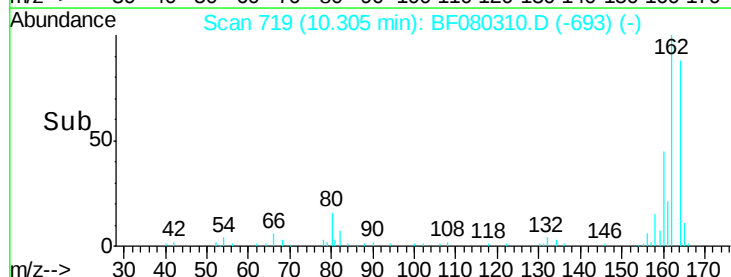
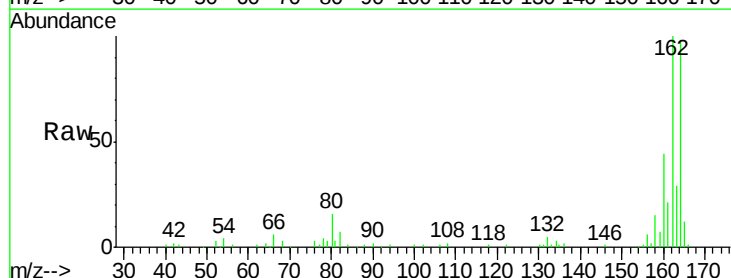
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.30 min Scan# 719  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

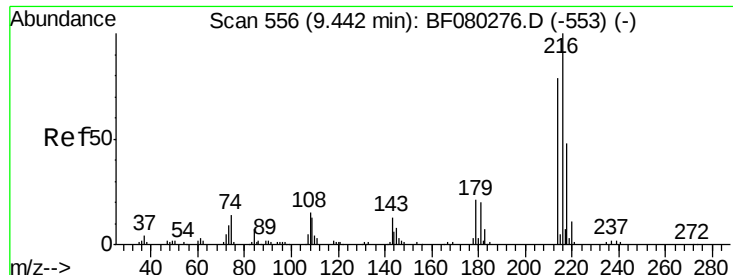
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.1 | 84.8  | 127.2 |
| 160     | 45.2  | 35.8  | 53.8  |

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



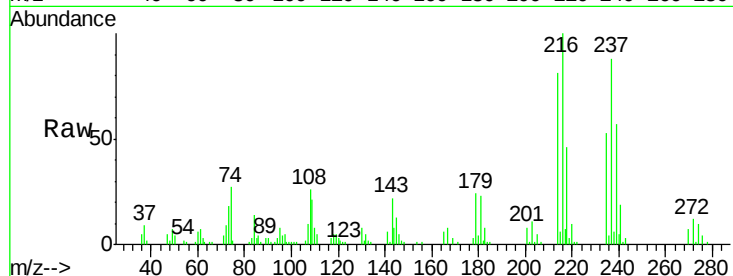
Time-->





#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 35.72 ng  
 RT: 9.41 min Scan# 641  
 Delta R.T. -0.01 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

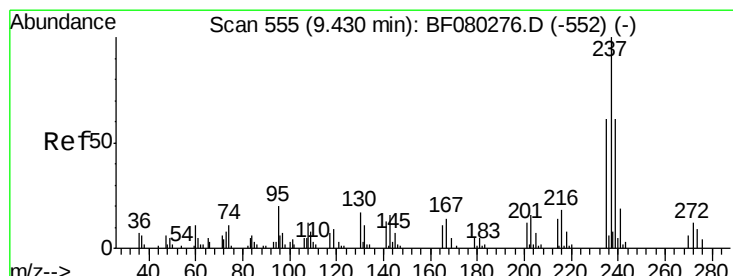
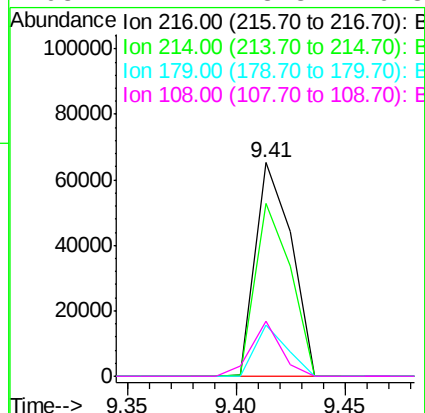
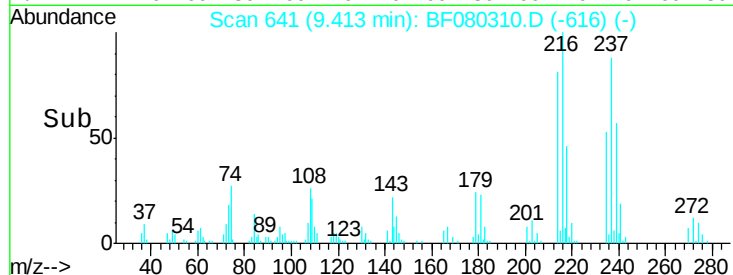
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS



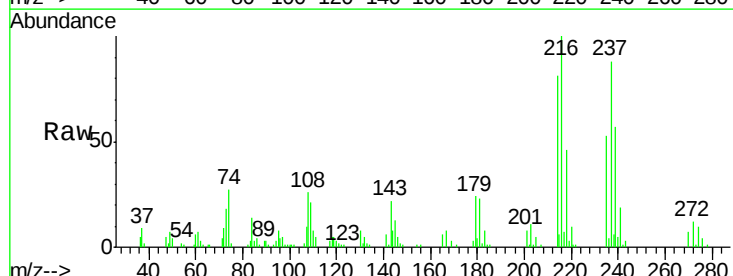
| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 216     | 100  |       | 75472 |       |       |
| 214     | 78.8 | 63.0  | 94.6  |       |       |
| 179     | 20.7 | 16.8  | 25.2  |       |       |
| 108     | 21.4 | 13.8  | 20.8# |       |       |

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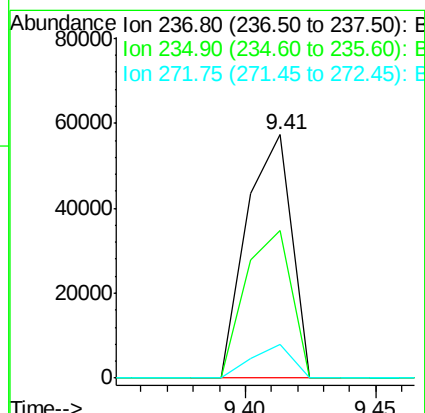
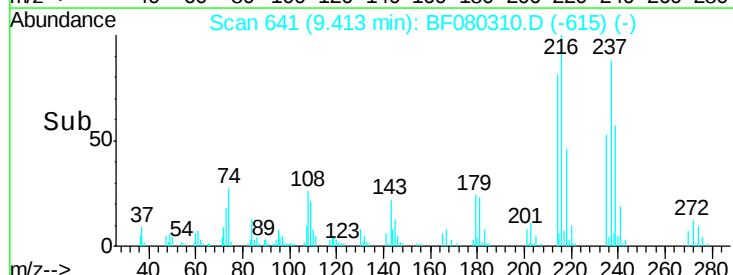
apatel  
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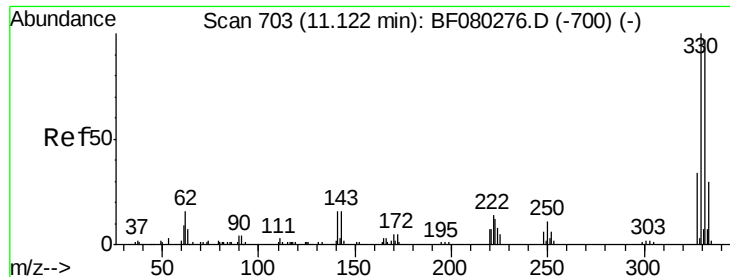


#40  
 Hexachlorocyclopentadiene  
 Concen: 82.73 ng  
 RT: 9.41 min Scan# 641  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06



| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 69090 |       |       |
| 235     | 60.6 | 41.3  | 81.3  |       |       |
| 272     | 13.6 | 0.0   | 31.8  |       |       |





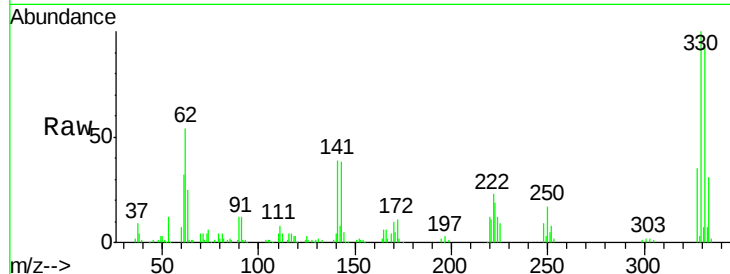
#41  
 2,4,6-Tribromophenol  
 Concen: 140.12 ng  
 RT: 11.09 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

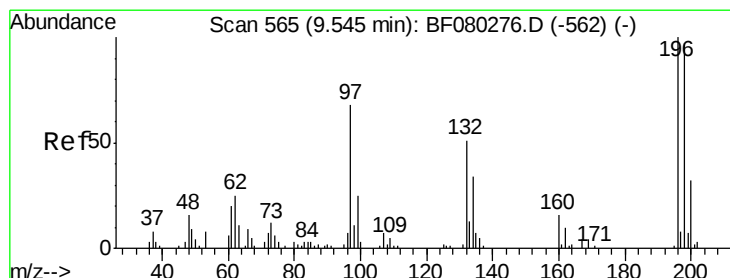
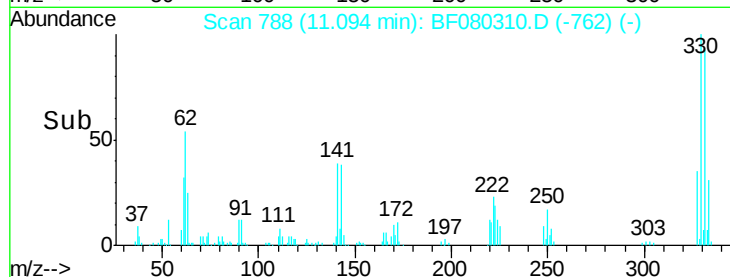
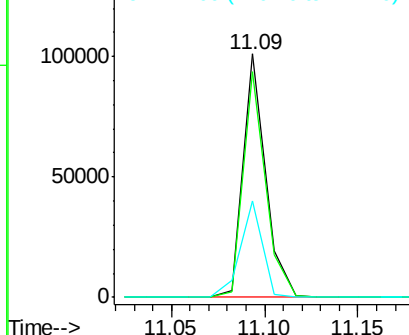
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 84710 |       |       |
| 332     | 93.0  | 77.4  | 116.2 |       |
| 141     | 39.1  | 28.0  | 42.0  |       |

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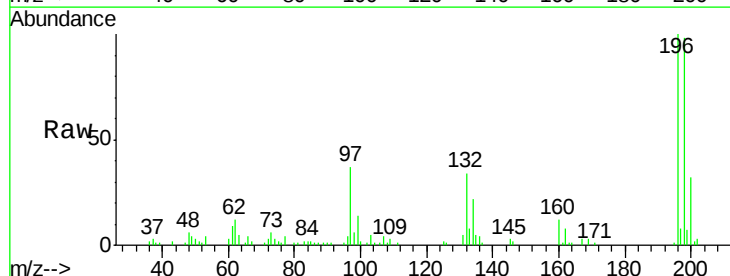


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

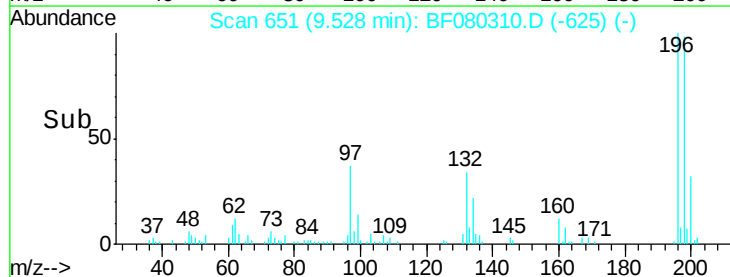
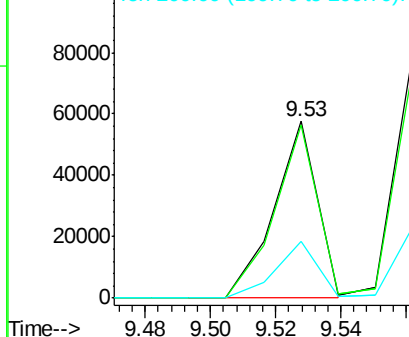


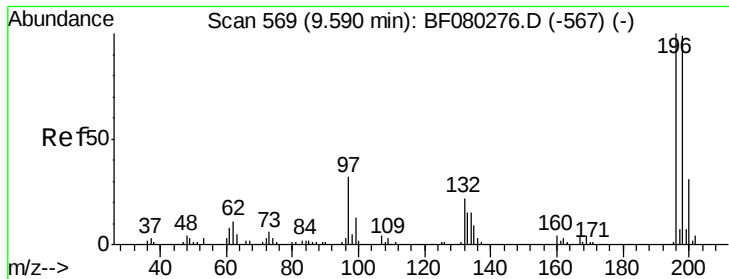
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.46 ng  
 RT: 9.53 min Scan# 651  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 52777 |       |       |
| 198     | 98.1  | 77.7  | 116.5 |       |
| 200     | 31.9  | 25.6  | 38.4  |       |



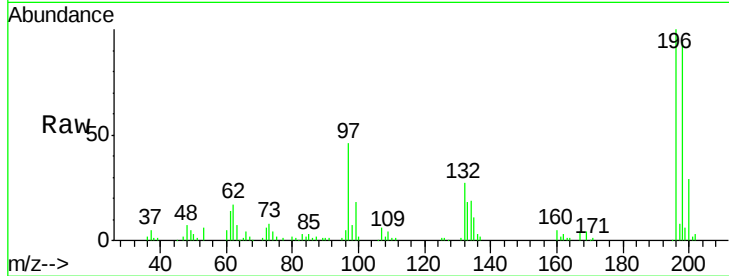
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#43  
 2,4,5-Trichlorophenol  
 Concen: 43.86 ng  
 RT: 9.56 min Scan# 654  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

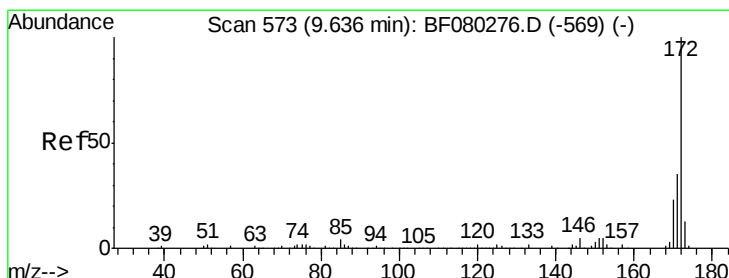
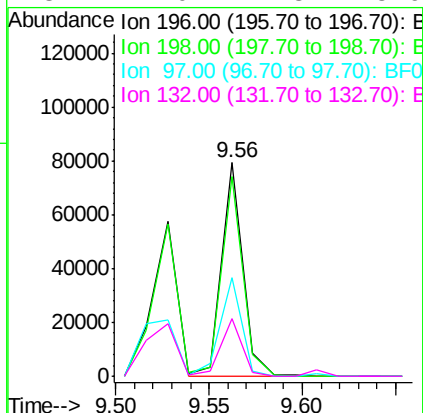
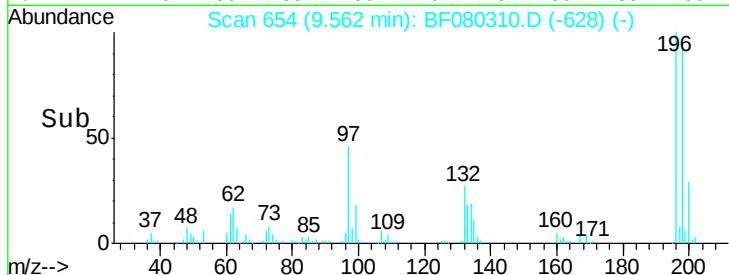
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 63201 |       |       |
| 198     | 93.6  | 79.4  | 119.2 |       |
| 97      | 46.4  | 25.9  | 38.9# |       |
| 132     | 27.0  | 17.3  | 25.9# |       |

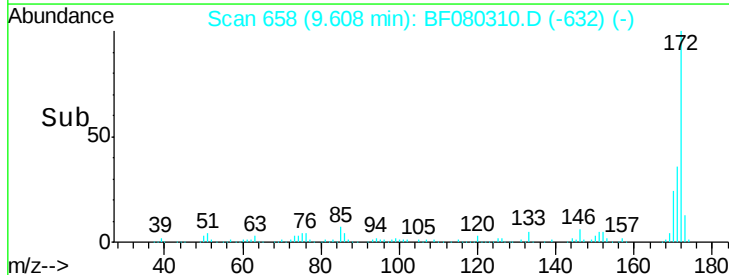
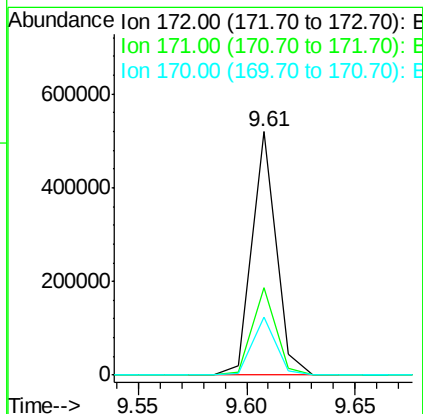
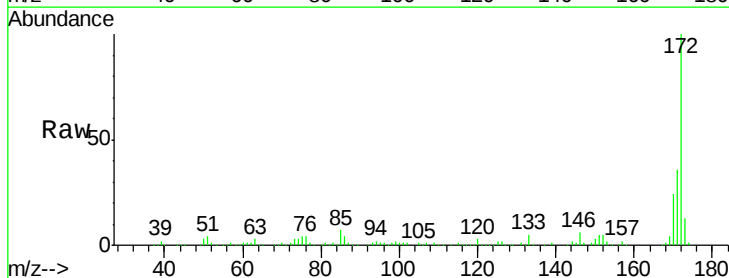
Manual Integrations  
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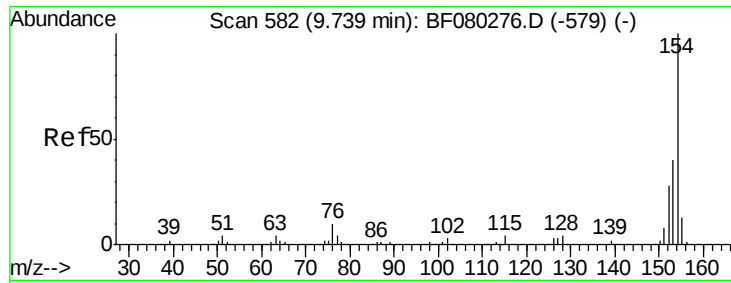
apatel  
 7/6/2015 3:30:53 PM



#44  
 2-Fluorobiphenyl  
 Concen: 90.66 ng  
 RT: 9.61 min Scan# 658  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 399929 |       |       |
| 171     | 36.1  | 28.1   | 42.1  |       |
| 170     | 23.7  | 18.6   | 28.0  |       |





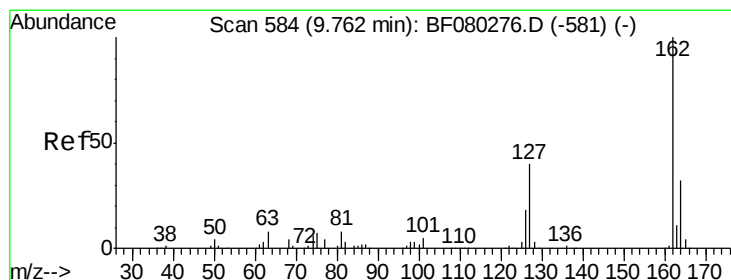
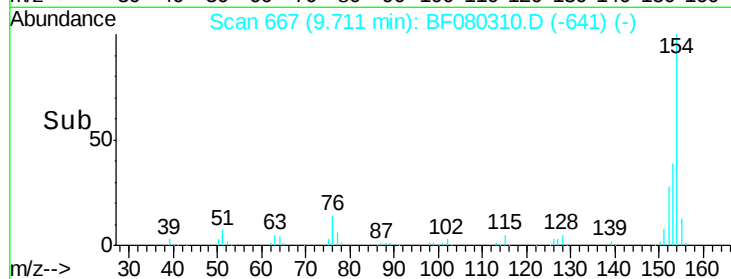
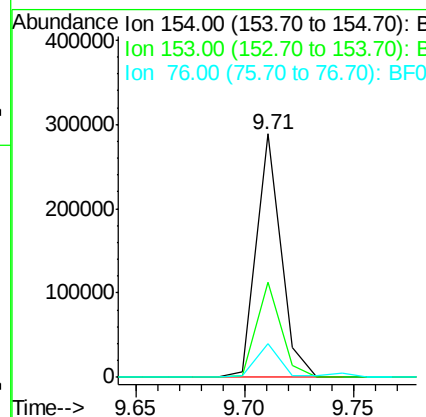
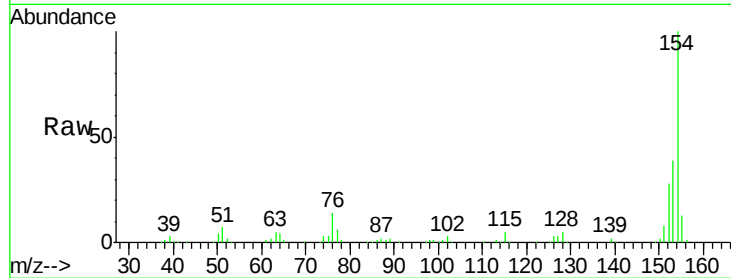
#45  
 1,1'-Biphenyl  
 Concen: 42.05 ng  
 RT: 9.71 min Scan# 667  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 227040 |       |       |
| 153     | 39.3  | 20.3   | 60.3  |       |
| 76      | 14.0  | 0.0    | 30.3  |       |

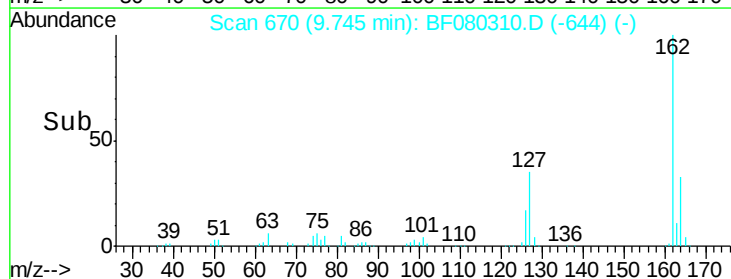
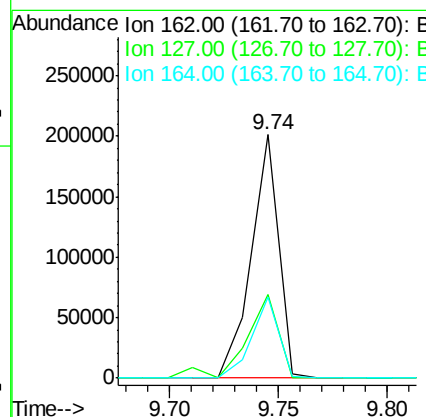
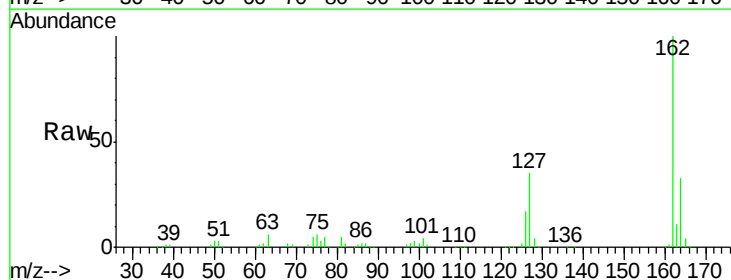
Manual Integrations  
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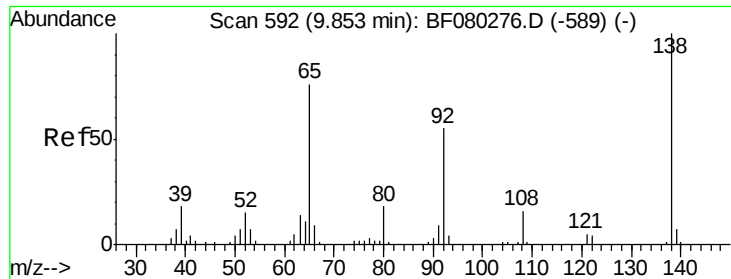
apatel  
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#46  
 2-Chloronaphthalene  
 Concen: 41.82 ng  
 RT: 9.74 min Scan# 670  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 174784 |       |       |
| 127     | 34.5  | 33.4   | 50.0  |       |
| 164     | 33.3  | 25.3   | 37.9  |       |





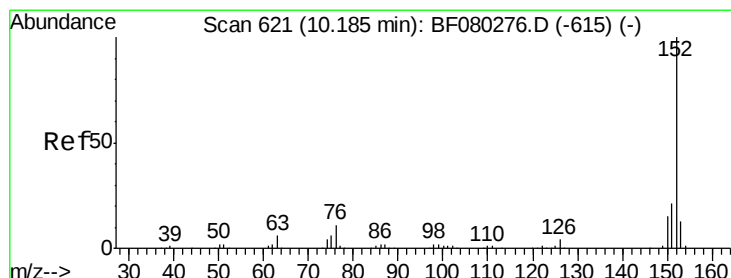
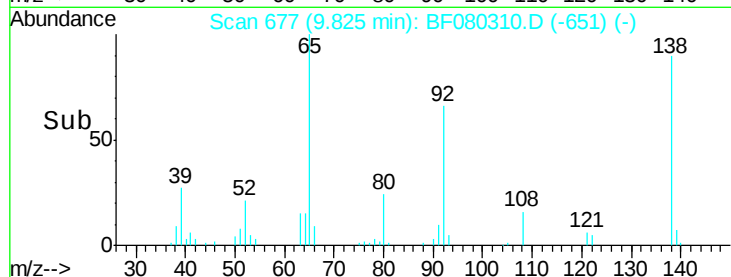
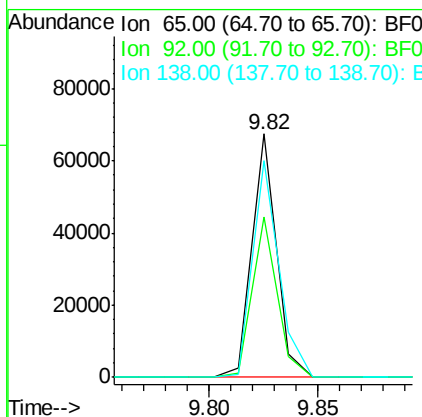
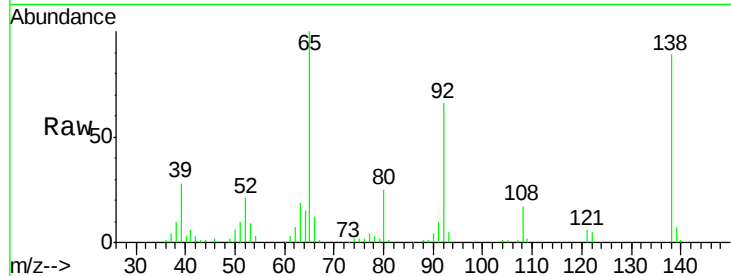
#47  
2-Nitroaniline  
Concen: 43.56 ng  
RT: 9.82 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

Tgt Ion: 65 Resp: 52359  
Ion Ratio Lower Upper  
65 100  
92 65.7 58.0 87.0  
138 89.2 104.8 157.2#

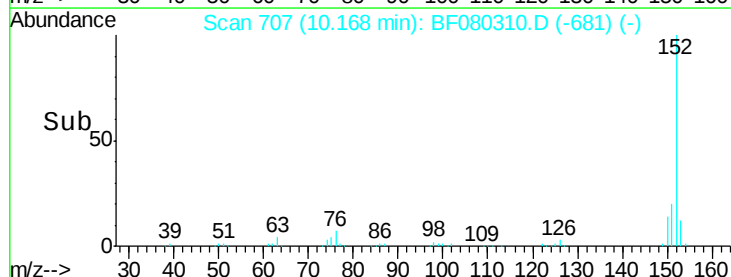
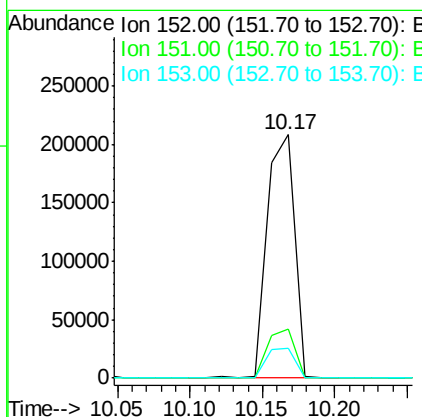
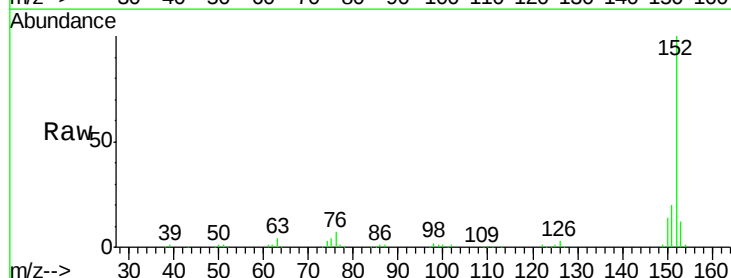
Manual Integrations  
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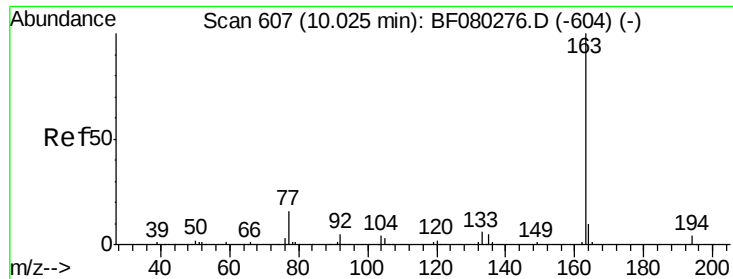
apatel  
7/6/2015 3:30:53 PM



#48  
Acenaphthylene  
Concen: 37.45 ng  
RT: 10.17 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Tgt Ion: 152 Resp: 271801  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.7 25.1  
153 12.4 10.7 16.1





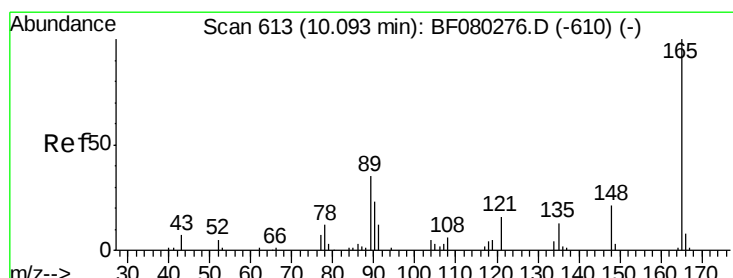
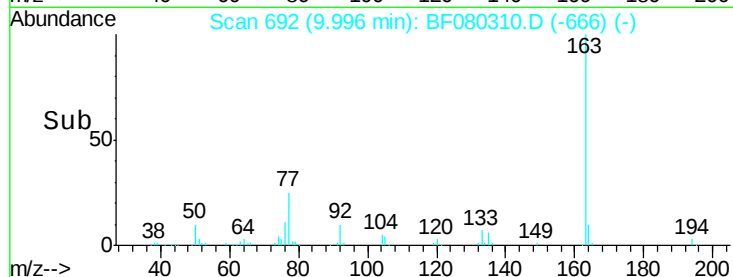
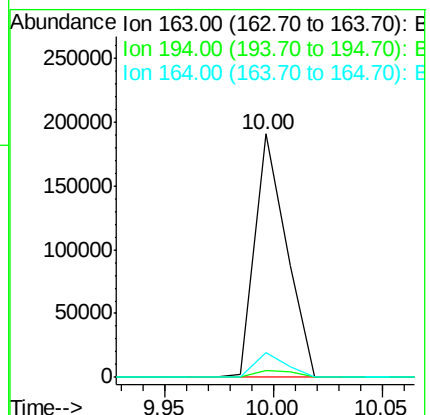
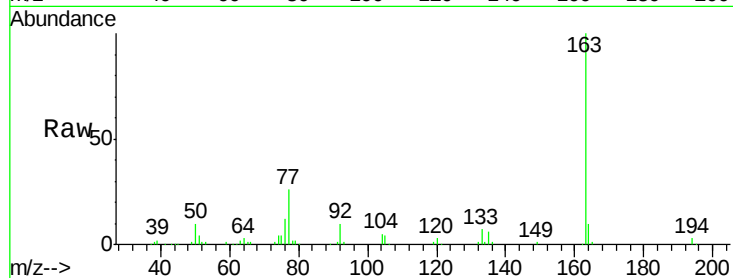
#49  
Dimethylphthalate  
Concen: 39.57 ng  
RT: 10.00 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.1   | 3.0        | 4.4        |
| 164     | 10.4  | 7.9        | 11.9       |

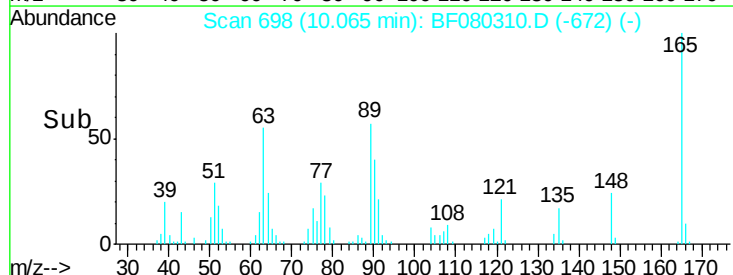
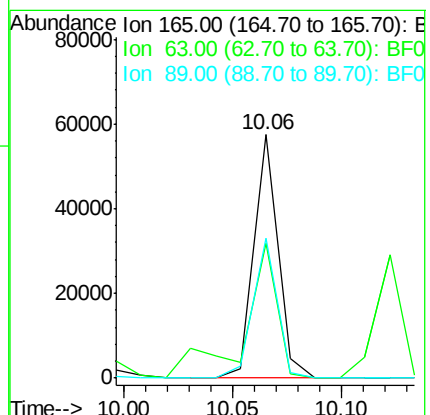
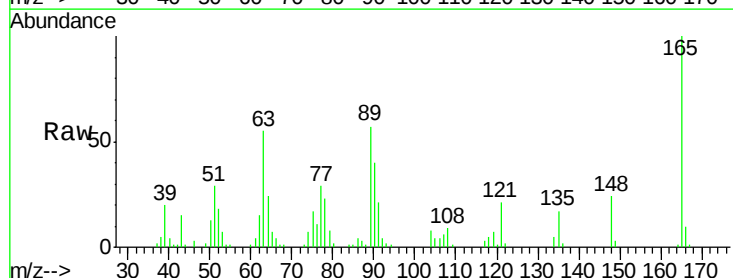
Manual Integrations  
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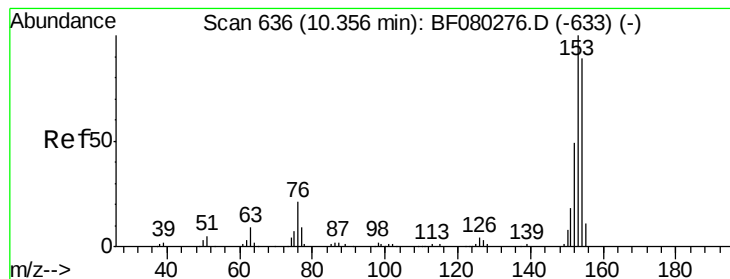
apatel  
7/6/2015 3:30:53 PM



#50  
2,6-Dinitrotoluene  
Concen: 44.51 ng  
RT: 10.06 min Scan# 698  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 55.5  | 23.4       | 35.0#      |
| 89      | 57.3  | 27.7       | 41.5#      |





#51

Acenaphthene

Concen: 43.00 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF080310.D

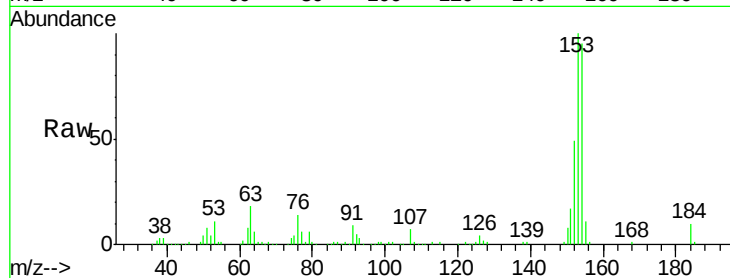
Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

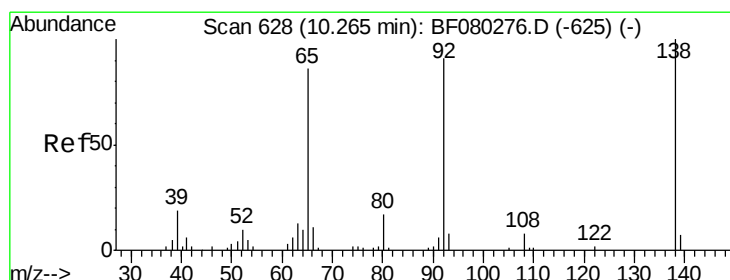
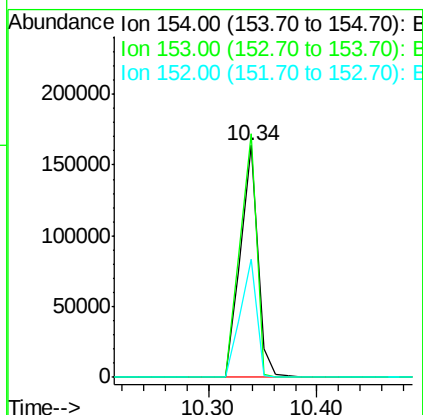
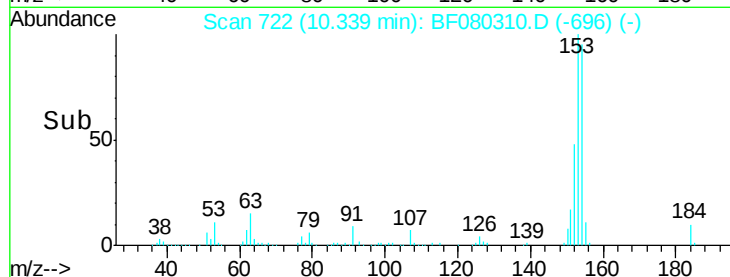
PB84307BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 105.1 | 90.4  | 135.6 |
| 152     | 51.3  | 43.9  | 65.9  |

Manual Integrations  
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apatel  
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#52

3-Nitroaniline

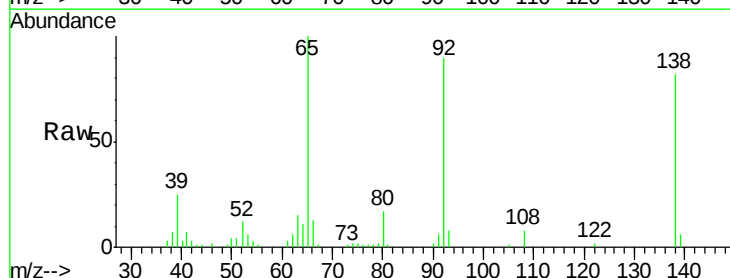
Concen: 31.16 ng

RT: 10.24 min Scan# 713

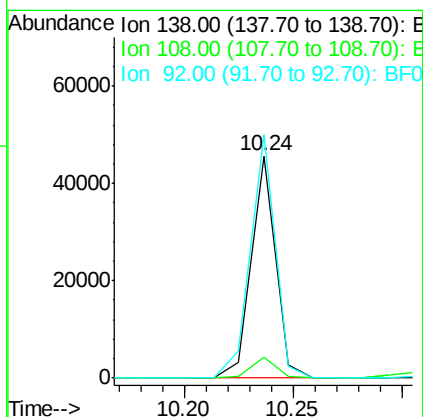
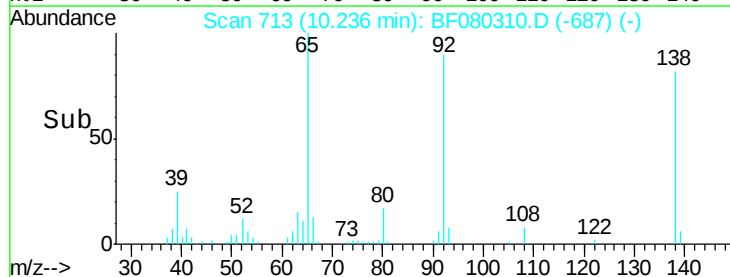
Delta R.T. 0.00 min

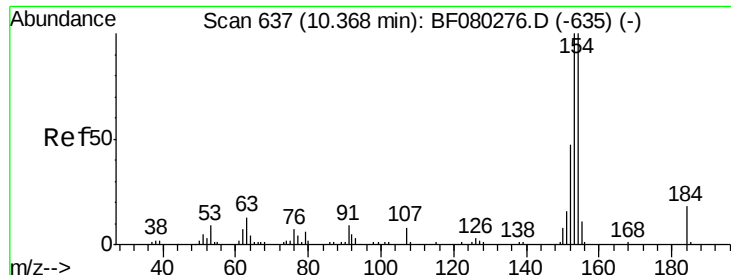
Lab File: BF080310.D

Acq: 2 Jul 2015 16:06



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 9.2   | 6.7   | 10.1   |
| 92      | 109.7 | 72.6  | 109.0# |





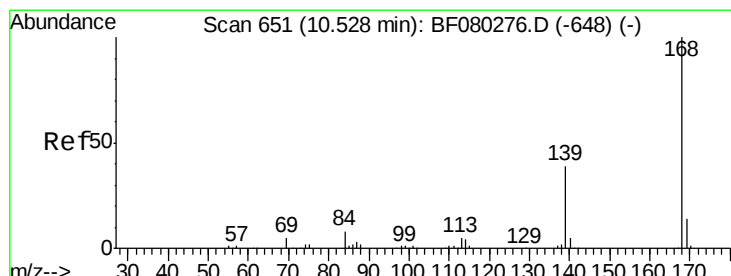
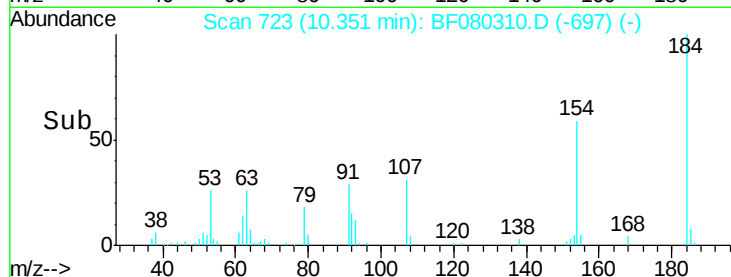
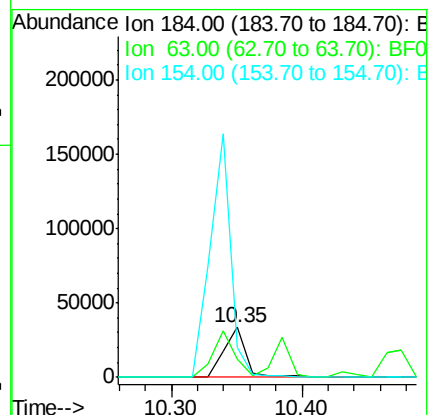
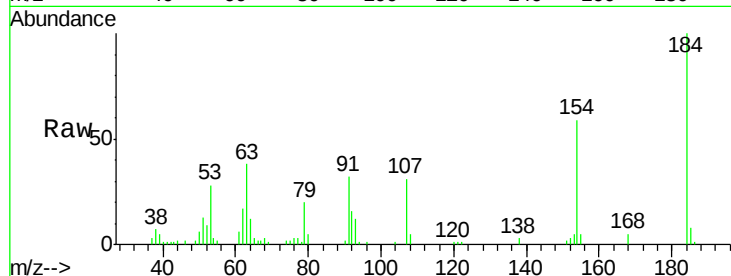
#53  
2,4-Dinitrophenol  
Concen: 91.02 ng  
RT: 10.35 min Scan# 723  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

Tgt Ion:184 Resp: 39787  
Ion Ratio Lower Upper  
184 100  
63 37.5 65.0 97.6#  
154 59.4 473.1 709.7#

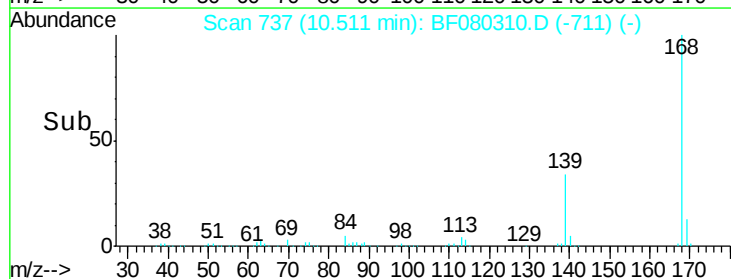
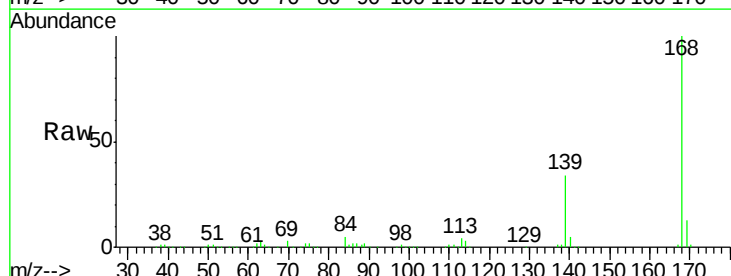
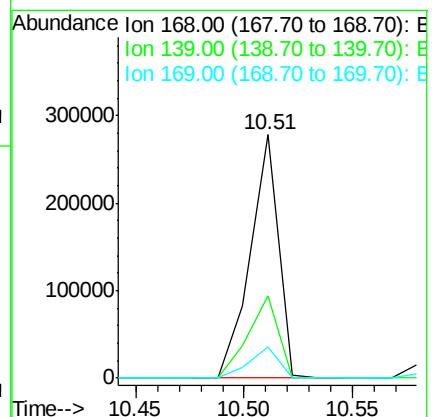
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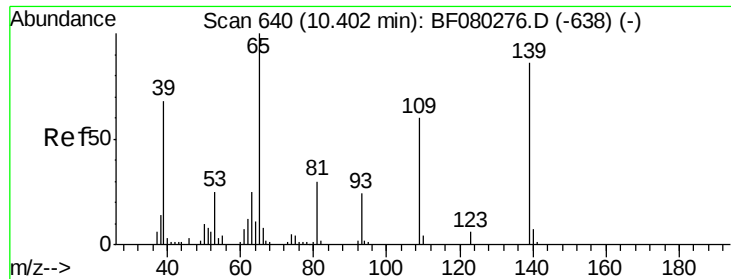
apatel  
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#54  
Dibenzofuran  
Concen: 42.43 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Tgt Ion:168 Resp: 250215  
Ion Ratio Lower Upper  
168 100  
139 33.7 31.5 47.3  
169 12.9 11.0 16.4





#55

4-Nitrophenol

Concen: 98.99 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

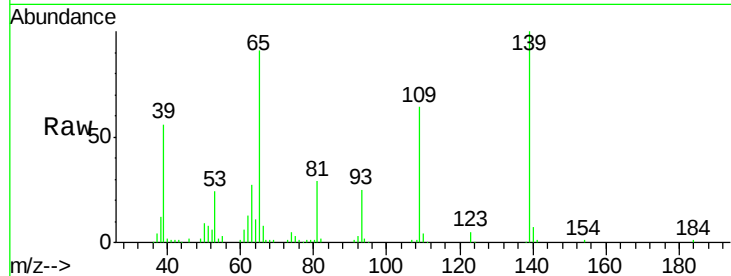
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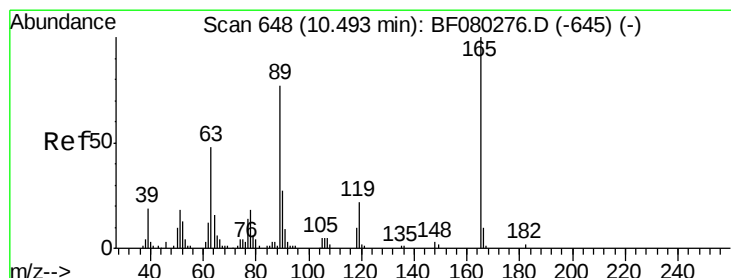
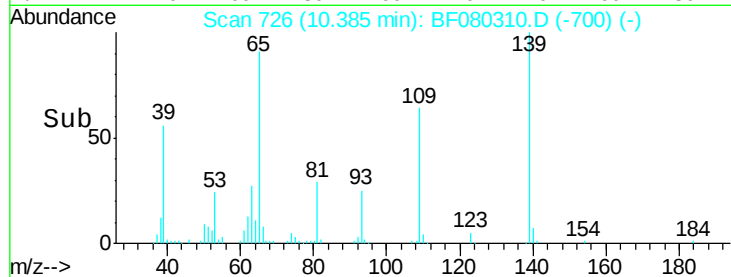
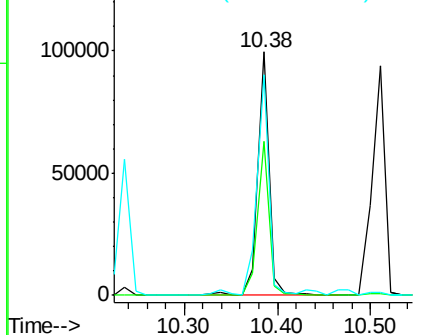
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 83218  |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 63.5  | 50.2  | 90.2   |
| 65        | 90.7  | 96.7  | 136.7# |



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.21 ng

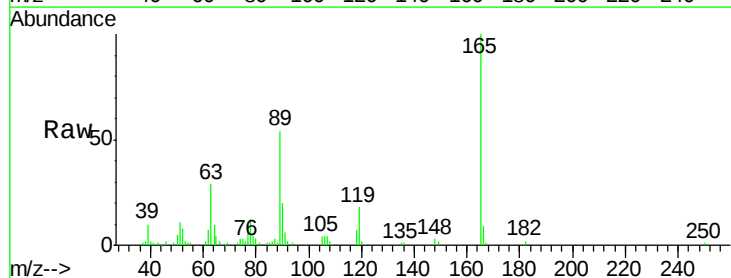
RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

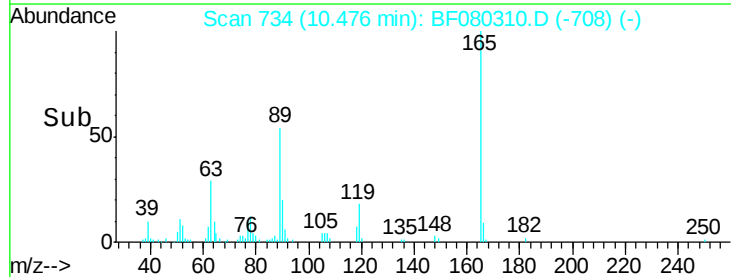
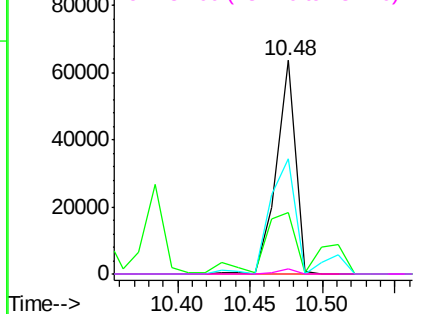
Lab File: BF080310.D

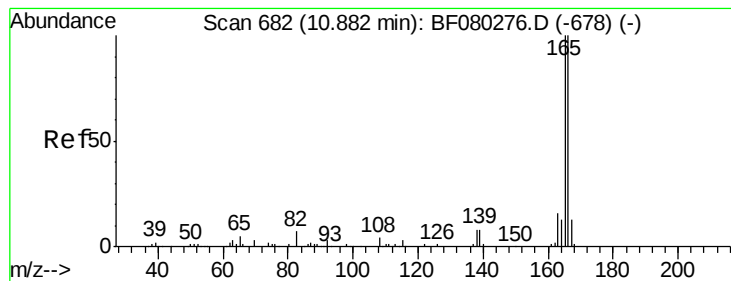
Acq: 2 Jul 2015 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 58131 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 28.9  | 38.7  | 58.1# |
| 89        | 53.9  | 62.0  | 93.0# |
| 182       | 2.2   | 1.8   | 2.8   |



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  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.26 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

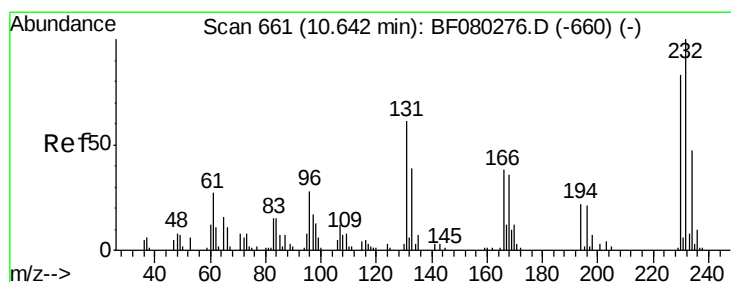
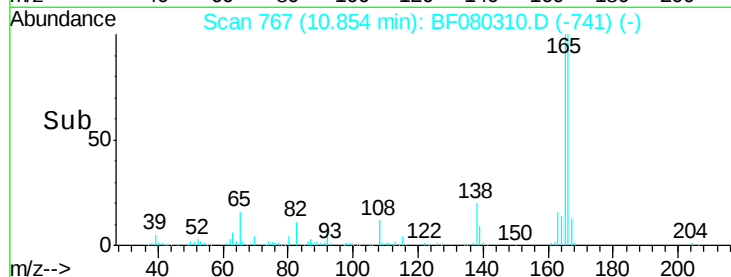
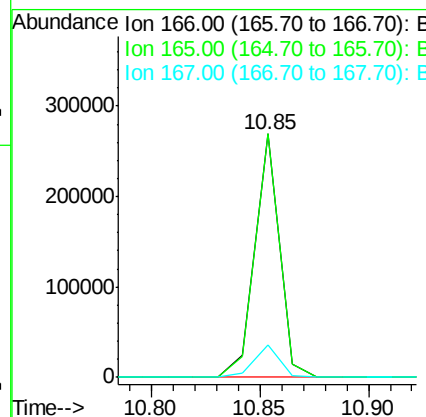
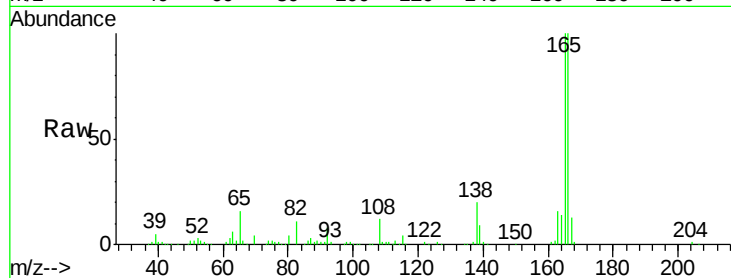
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| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.0 | 79.9 | 119.9 |       |
| 167     | 13.2  | 10.3 | 15.5  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.40 ng

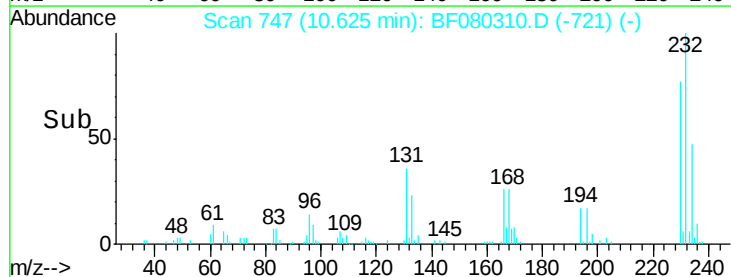
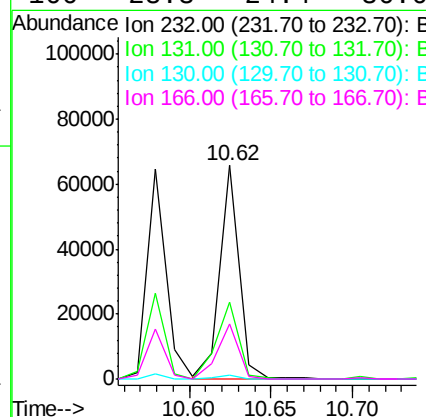
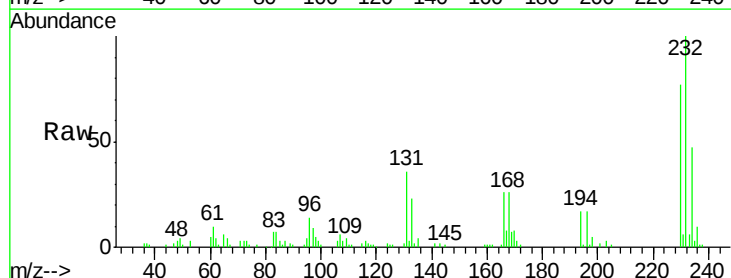
RT: 10.62 min Scan# 747

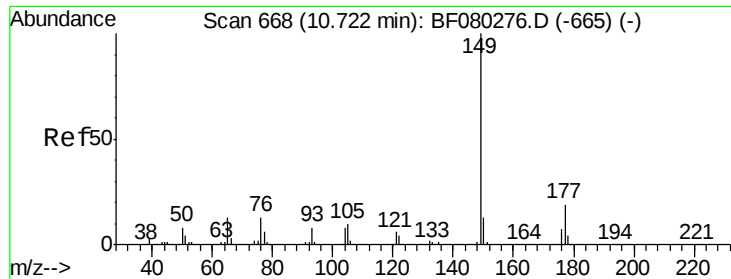
Delta R.T. 0.00 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 42.1  | 37.0 | 55.6  |       |
| 130     | 2.0   | 1.5  | 2.3   |       |
| 166     | 28.3  | 24.4 | 36.6  |       |





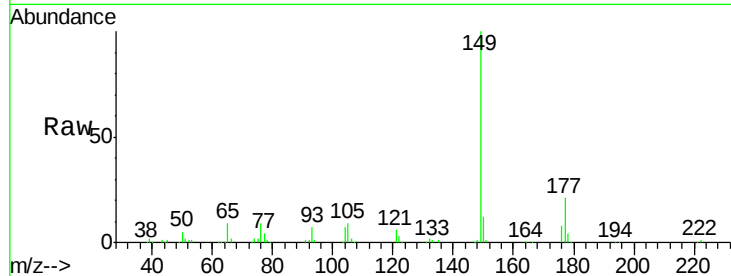
#59  
Diethylphthalate  
Concen: 46.60 ng  
RT: 10.70 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

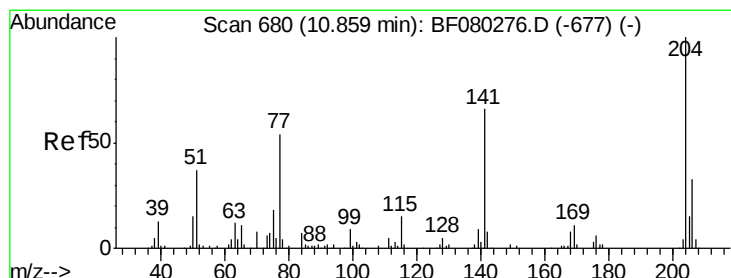
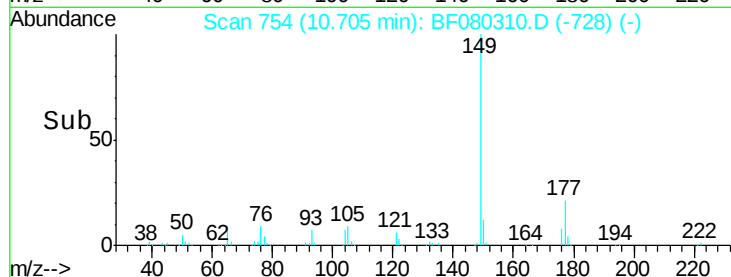
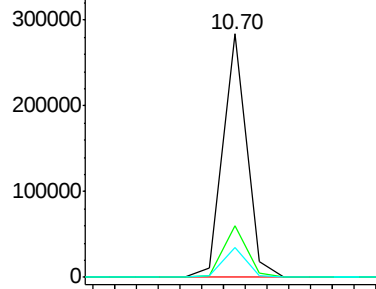
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 21.3  | 15.4       | 23.0       |
| 150     | 12.3  | 10.5       | 15.7       |

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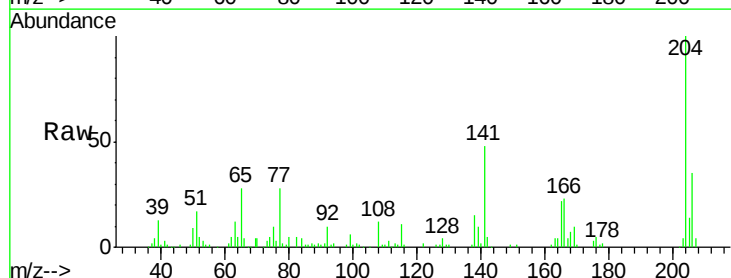


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

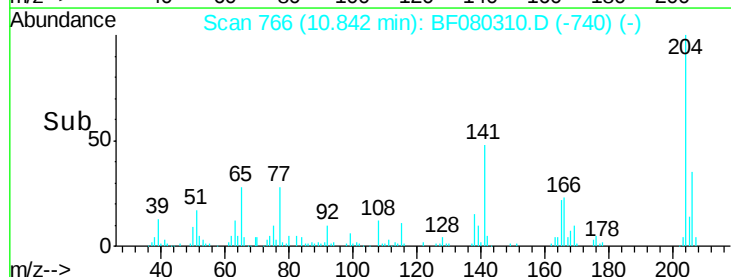
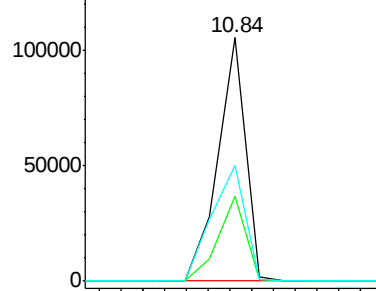


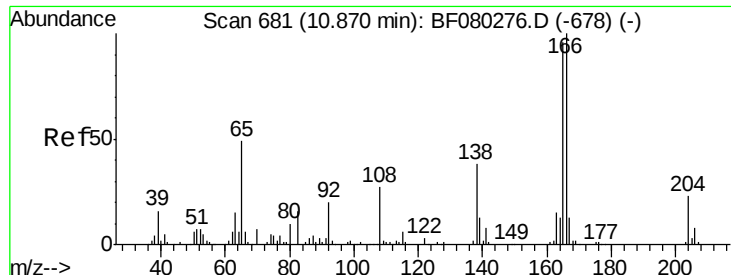
#60  
4-Chlorophenyl-phenylether  
Concen: 41.97 ng  
RT: 10.84 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 34.8  | 26.5       | 39.7       |
| 141     | 47.6  | 52.5       | 78.7#      |



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





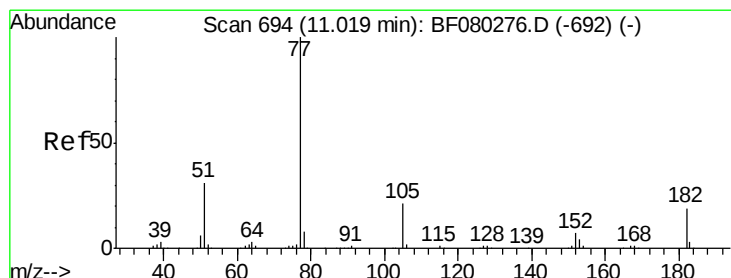
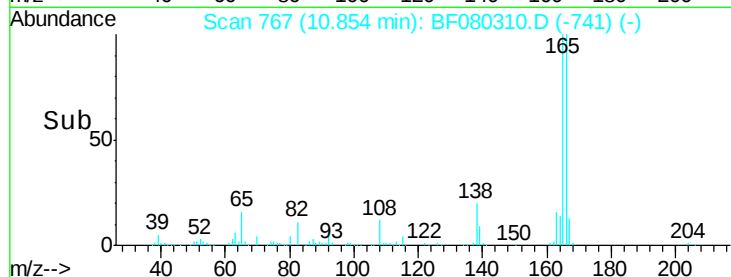
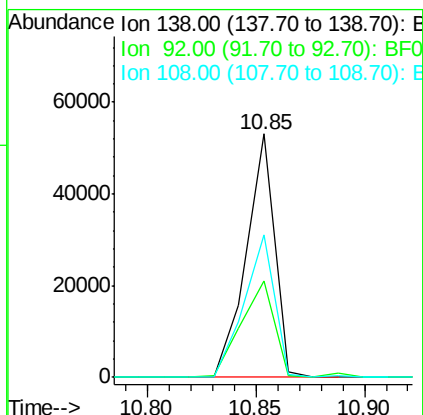
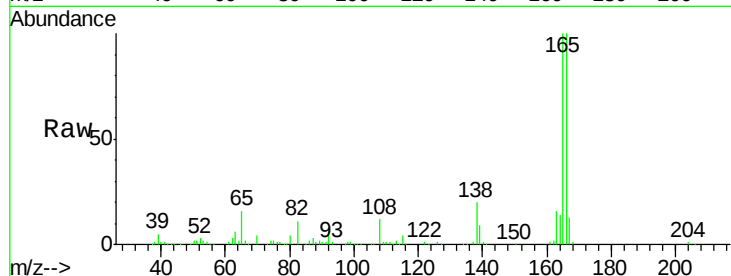
#61  
4-Nitroaniline  
Concen: 41.47 ng  
RT: 10.85 min Scan# 767  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 47931 |       |       |
| 92      | 39.8  | 32.7  | 72.7  |       |
| 108     | 58.3  | 49.6  | 89.6  |       |

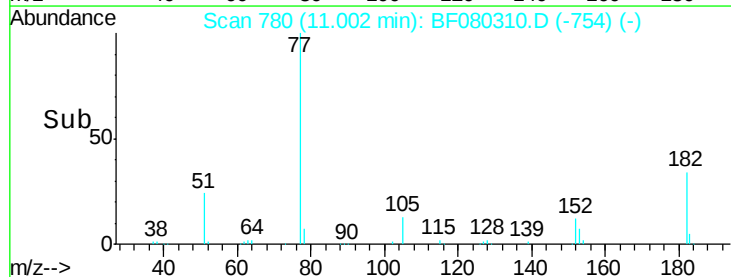
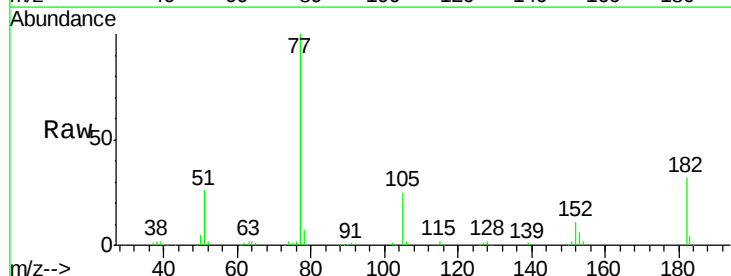
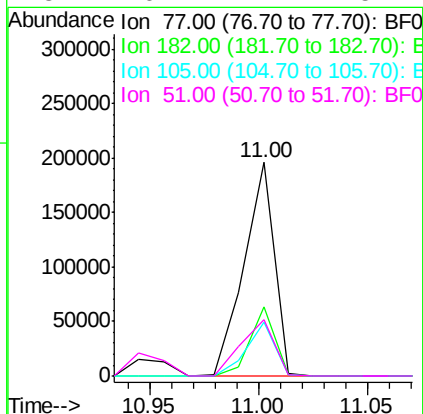
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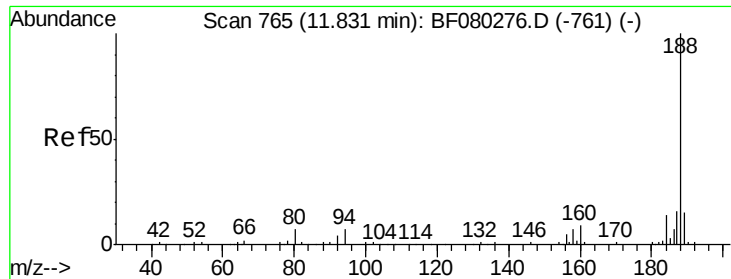
apatel  
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#62  
Azobenzene  
Concen: 39.90 ng  
RT: 11.00 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 189220 |       |       |
| 182     | 32.1  | 0.0    | 38.9  |       |
| 105     | 24.9  | 1.3    | 41.3  |       |
| 51      | 26.4  | 11.1   | 51.1  |       |





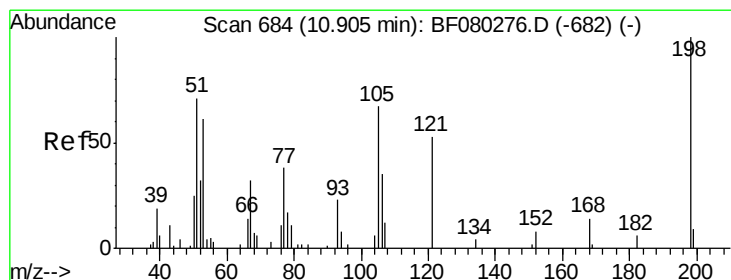
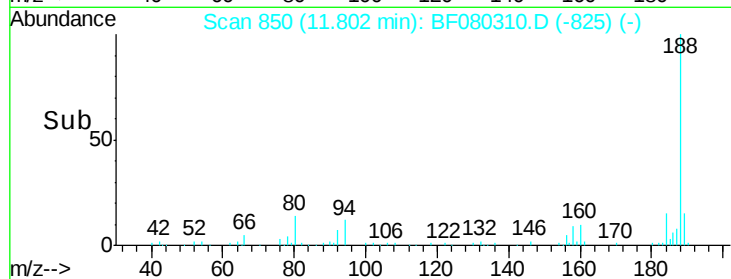
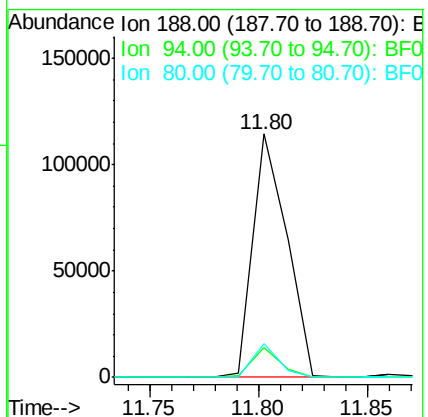
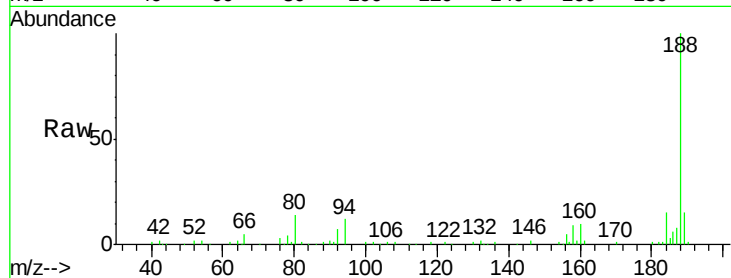
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.80 min Scan# 850  
 Delta R.T. -0.01 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 12.4  | 5.4        | 8.0#       |
| 80      | 13.8  | 5.8        | 8.6#       |

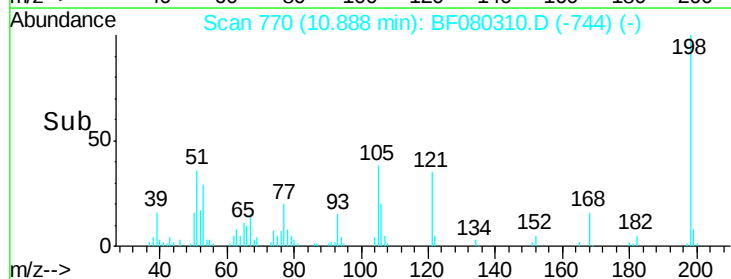
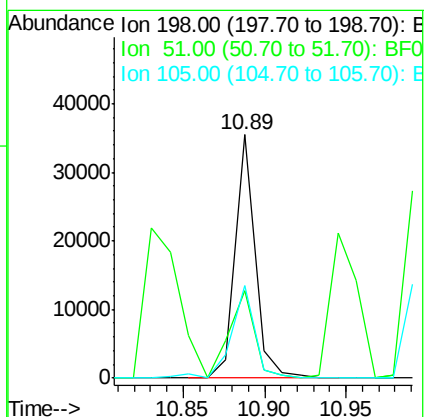
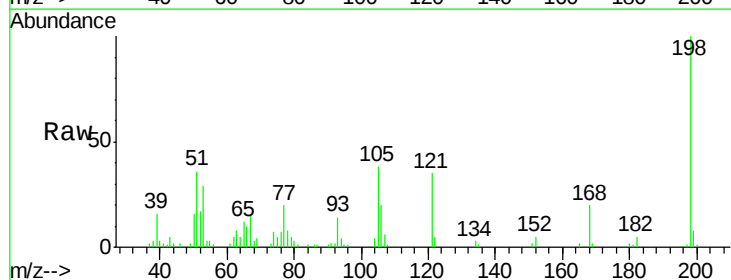
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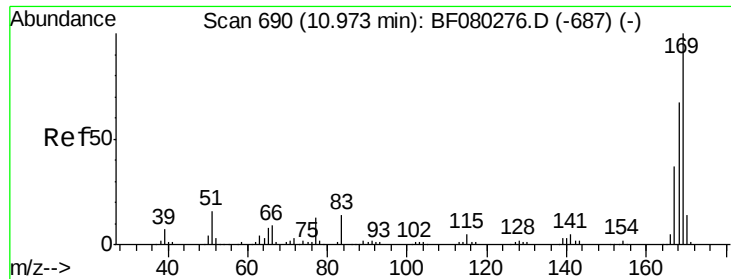
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 52.62 ng  
 RT: 10.89 min Scan# 770  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 36.0  | 63.7       | 103.7#     |
| 105     | 37.9  | 46.9       | 86.9#      |





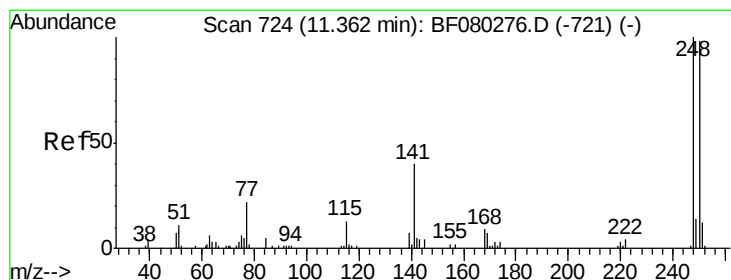
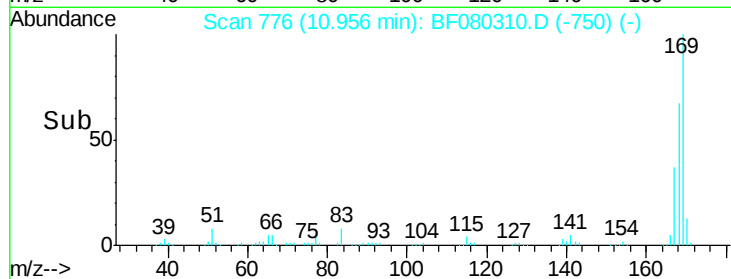
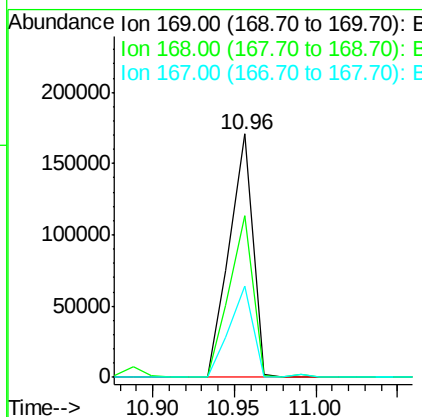
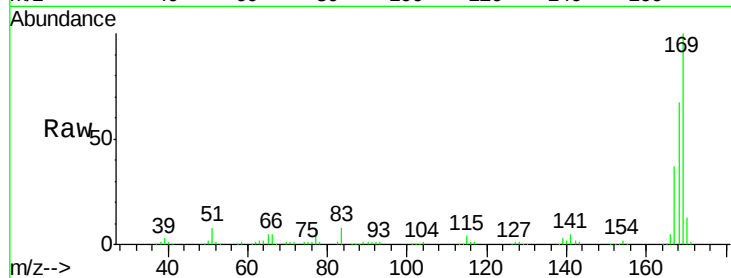
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.44 ng  
 RT: 10.96 min Scan# 776  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 169945 |       |       |
| 168     | 66.6  | 53.6   | 80.4  |       |
| 167     | 37.4  | 29.9   | 44.9  |       |

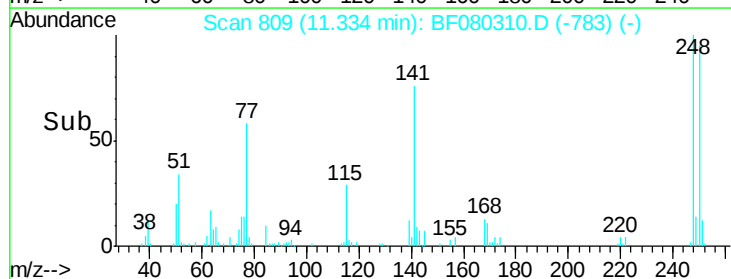
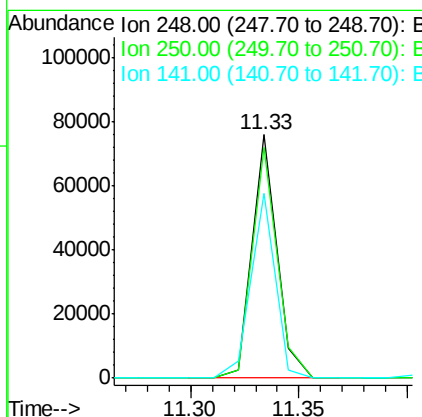
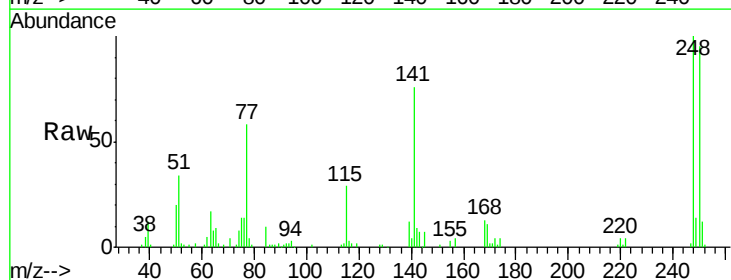
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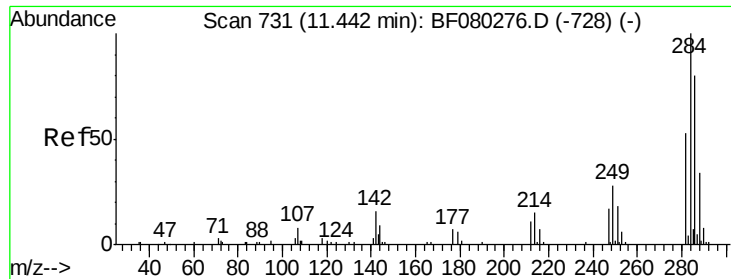
apatel  
 7/6/2015 3:30:53 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 44.57 ng  
 RT: 11.33 min Scan# 809  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 60126 |       |       |
| 250     | 94.9  | 78.2  | 117.4 |       |
| 141     | 76.0  | 31.9  | 47.9  |       |





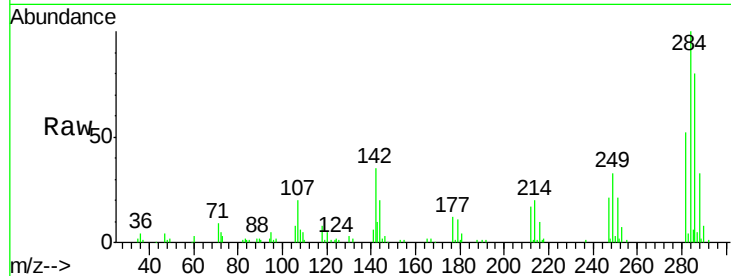
#67  
Hexachlorobenzene  
Concen: 44.53 ng  
RT: 11.41 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

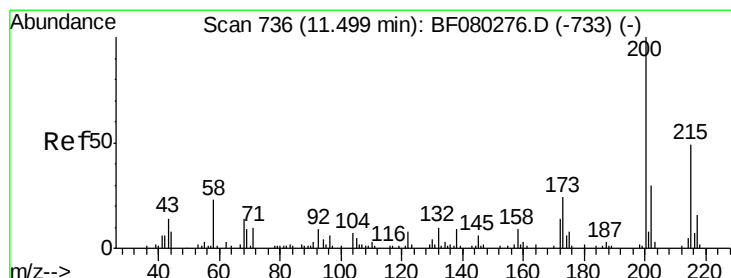
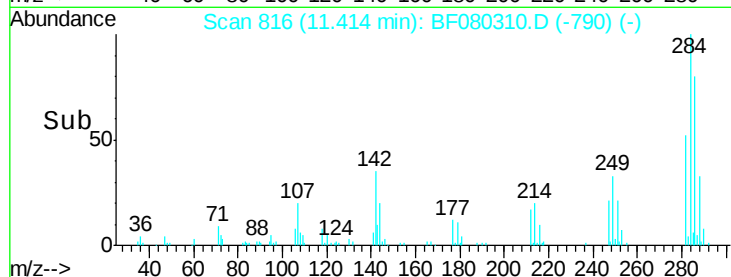
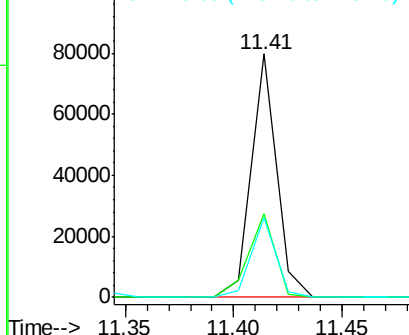
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.6  | 12.5  | 18.7# |
| 249     | 32.8  | 22.4  | 33.6  |

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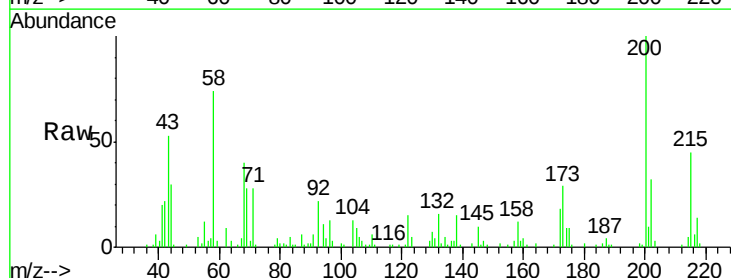


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

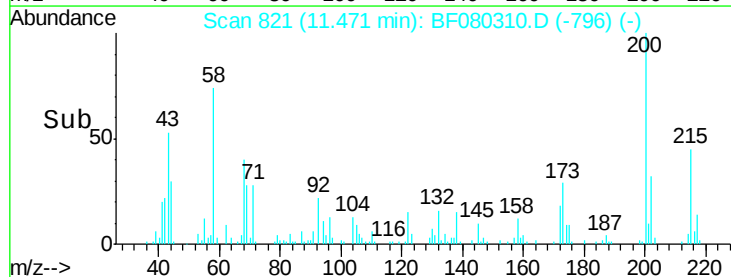
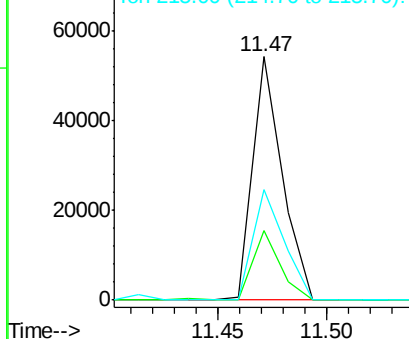


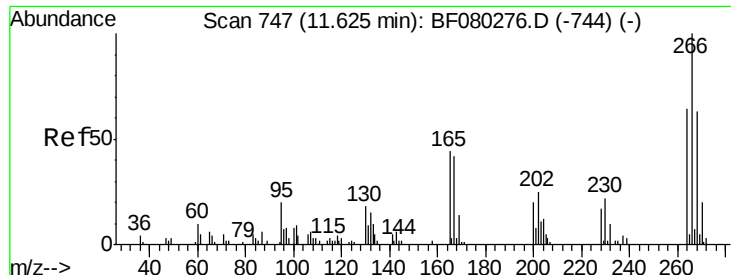
#68  
Atrazine  
Concen: 41.17 ng  
RT: 11.47 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.8  | 3.5   | 43.5  |
| 215     | 45.3  | 28.6  | 68.6  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





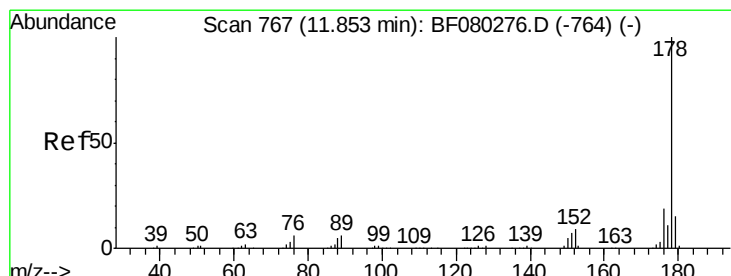
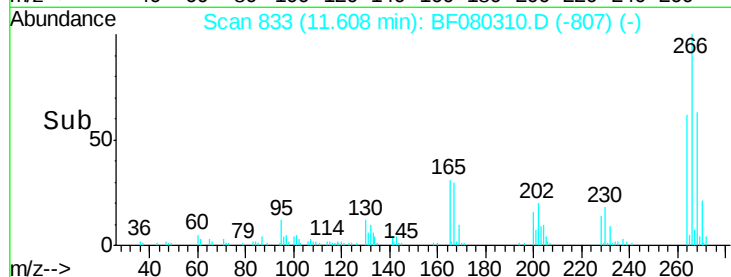
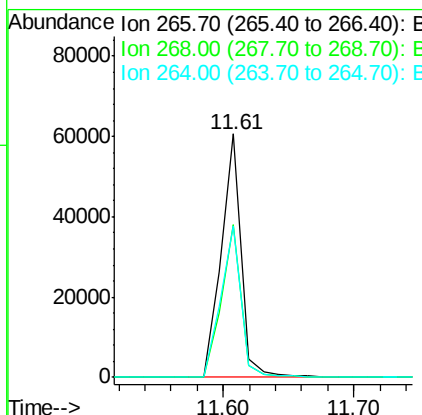
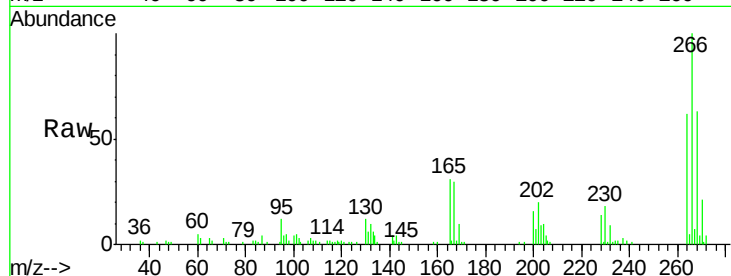
#69  
 Pentachlorophenol  
 Concen: 82.33 ng  
 RT: 11.61 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.5  | 50.7  | 76.1  |
| 264     | 62.3  | 51.3  | 76.9  |

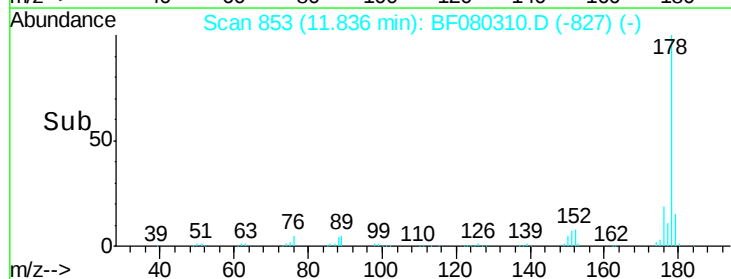
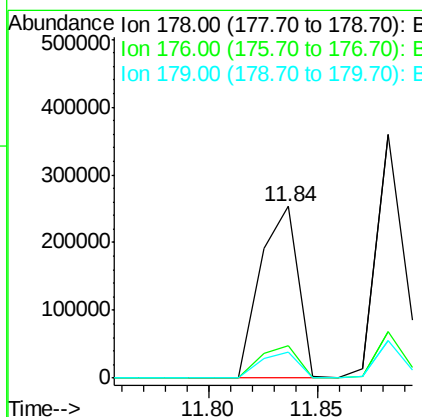
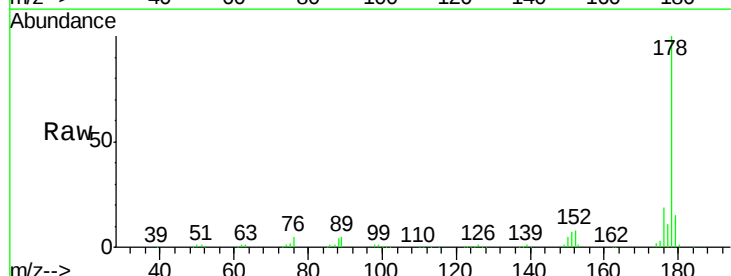
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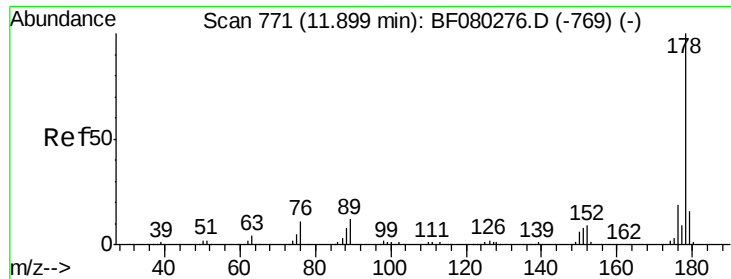
apatel  
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#70  
 Phenanthrene  
 Concen: 41.25 ng  
 RT: 11.84 min Scan# 853  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.6  | 23.4  |
| 179     | 14.9  | 12.2  | 18.2  |





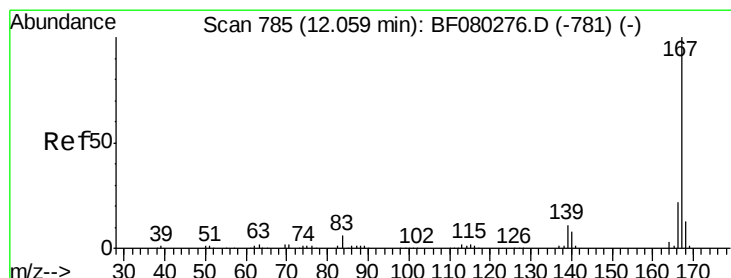
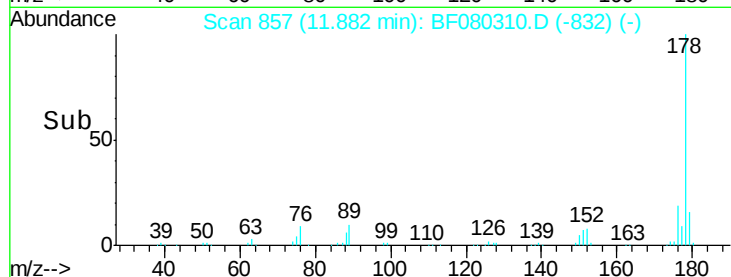
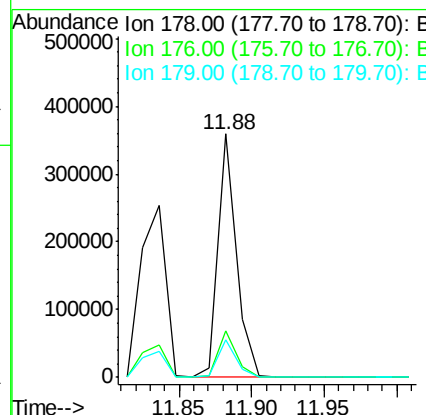
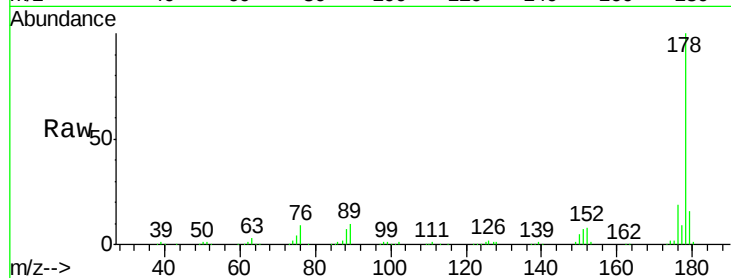
#71  
 Anthracene  
 Concen: 44.21 ng  
 RT: 11.88 min Scan# 857  
 Delta R.T. -0.01 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.2  | 22.8  |
| 179     | 15.7  | 12.6  | 18.8  |

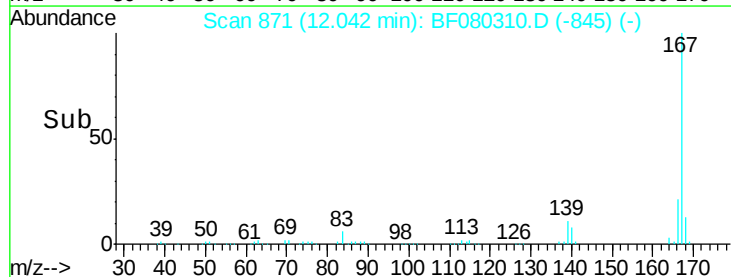
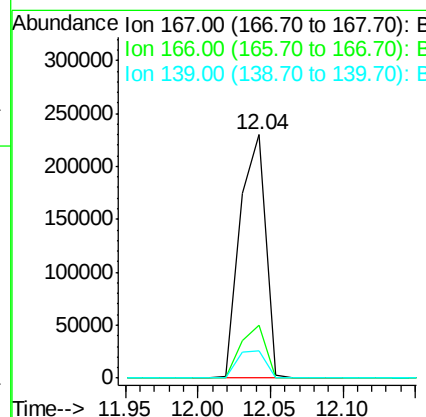
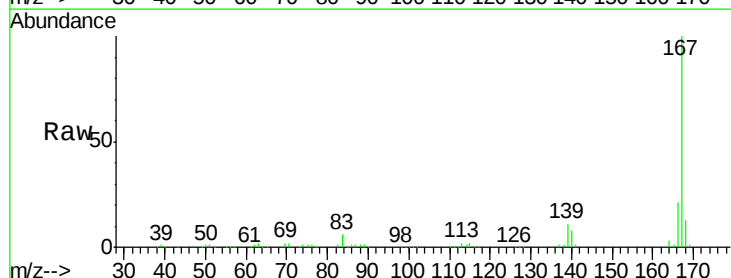
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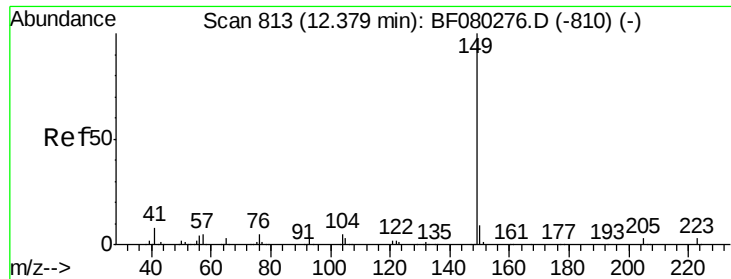
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#72  
 Carbazole  
 Concen: 41.86 ng  
 RT: 12.04 min Scan# 871  
 Delta R.T. 0.00 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.3  | 25.9  |
| 139     | 11.0  | 8.6   | 13.0  |





#73

Di-n-butylphthalate

Concen: 47.05 ng

RT: 12.37 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

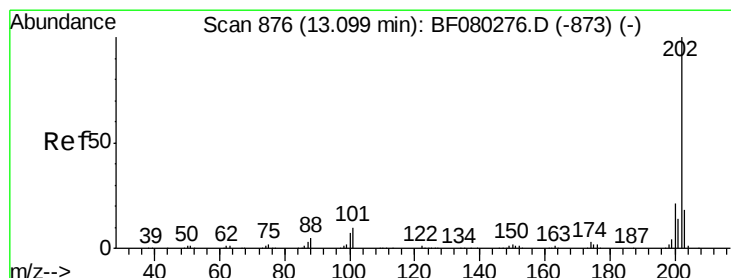
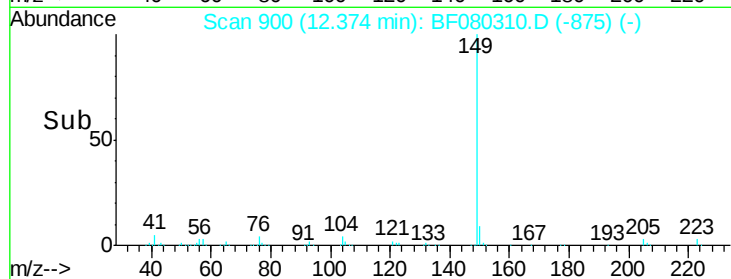
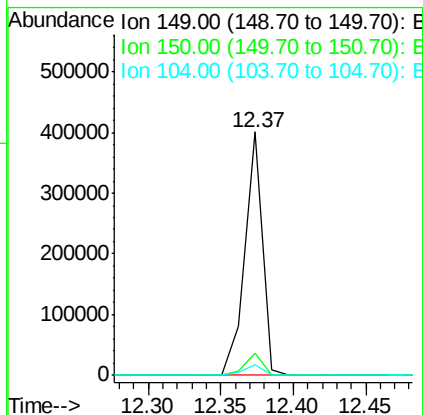
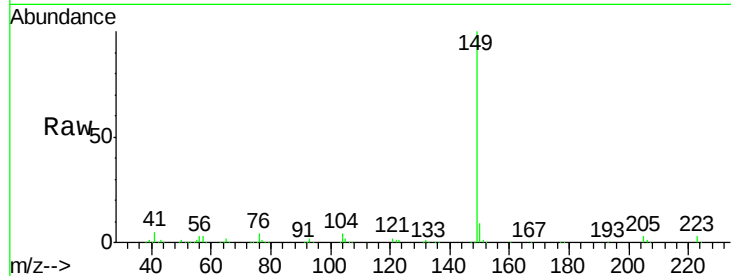
ClientSampleId :

PB84307BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 338651 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 7.4   | 11.0   |
| 104       | 4.1   | 3.7   | 5.5    |

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#74

Fluoranthene

Concen: 44.01 ng

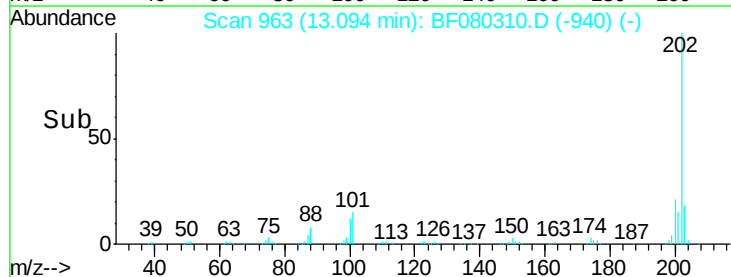
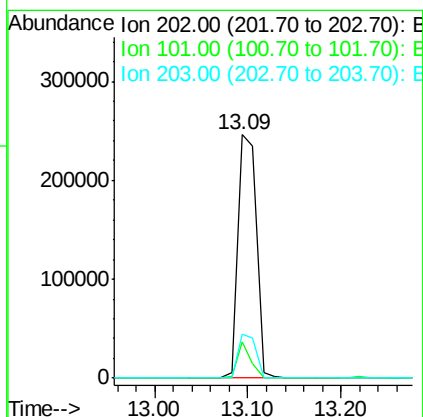
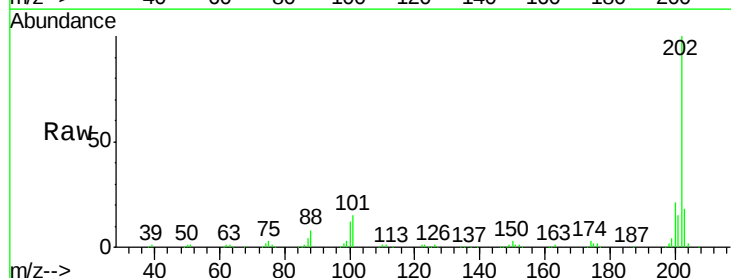
RT: 13.09 min Scan# 963

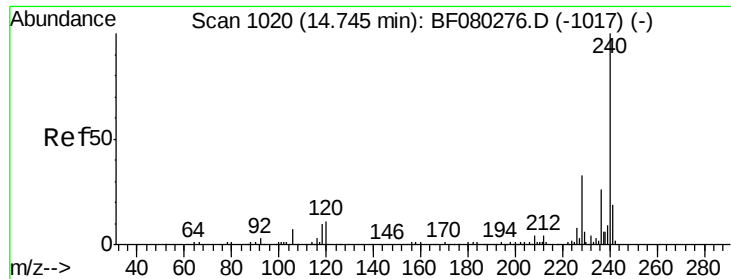
Delta R.T. -0.03 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 340026 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 15.0  | 0.0   | 30.4   |
| 203       | 18.0  | 0.0   | 37.5   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

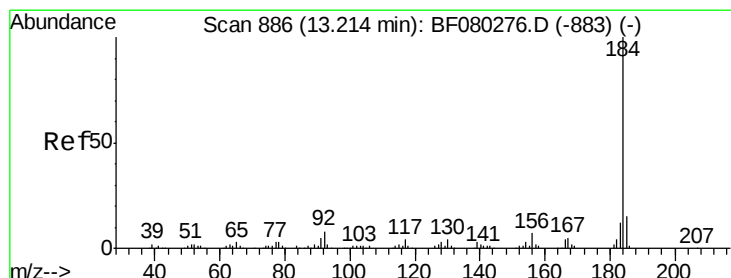
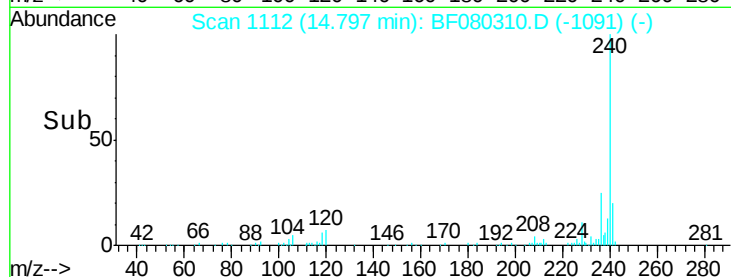
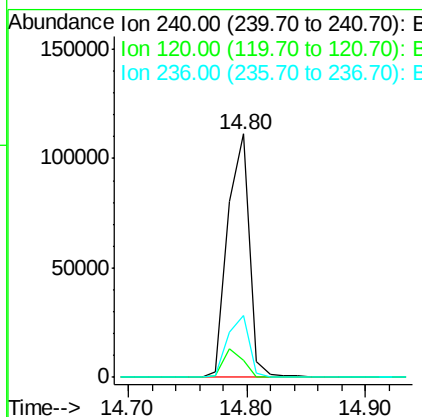
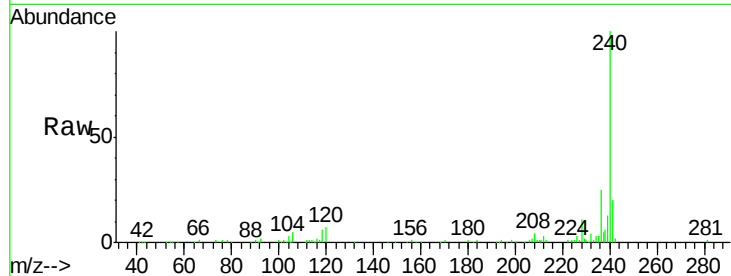
ClientSampleId :

PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 139997 |       |       |
| 120     | 6.8   | 8.7    | 13.1# |       |
| 236     | 25.3  | 20.9   | 31.3  |       |

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#76

Benzidine

Concen: 39.17 ng

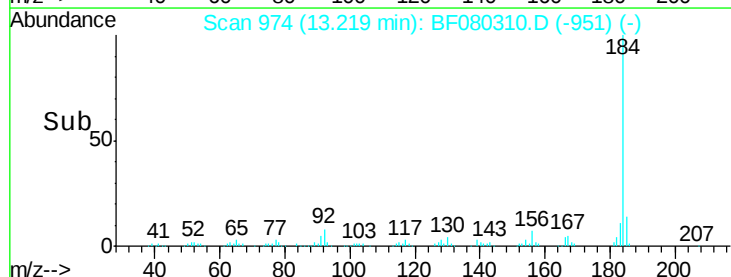
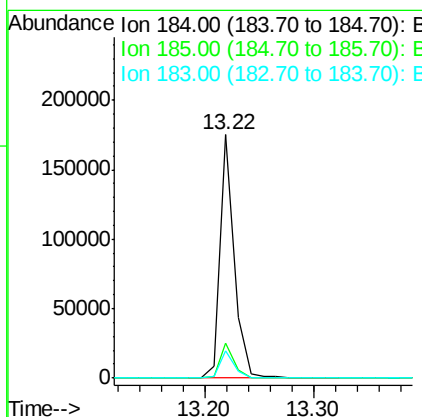
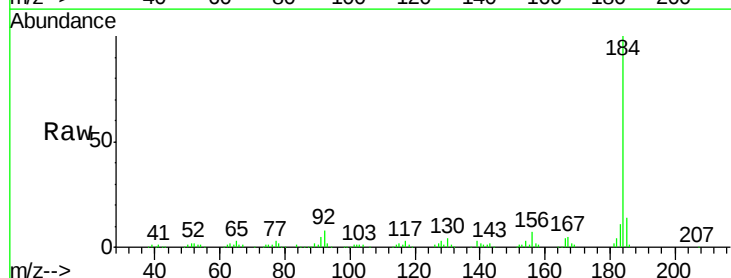
RT: 13.22 min Scan# 974

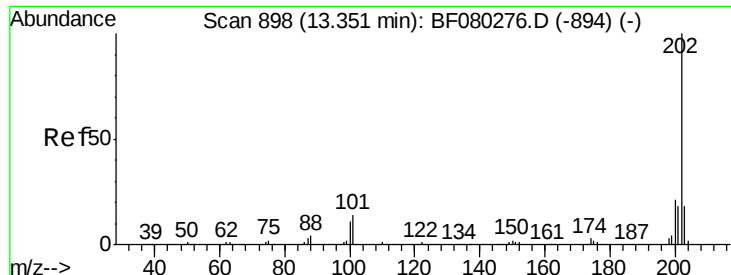
Delta R.T. -0.03 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 160597 |       |       |
| 185     | 14.1  | 11.8   | 17.6  |       |
| 183     | 11.0  | 9.4    | 14.0  |       |





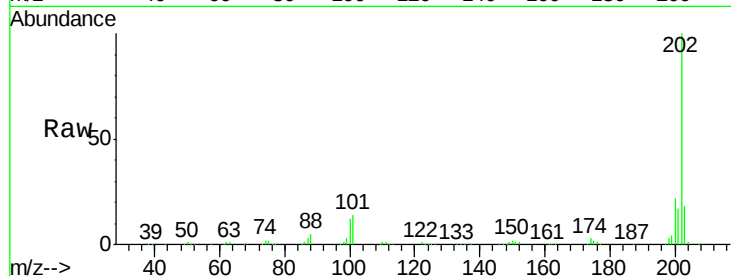
#77  
 Pyrene  
 Concen: 39.92 ng  
 RT: 13.36 min Scan# 986  
 Delta R.T. -0.03 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

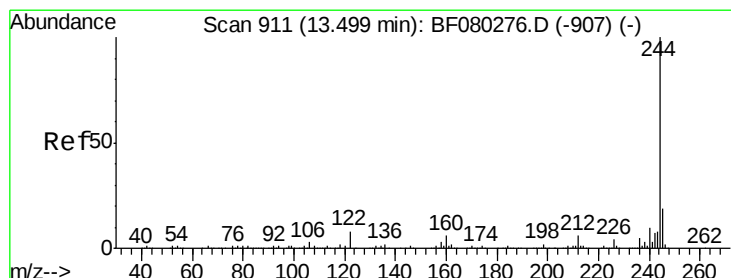
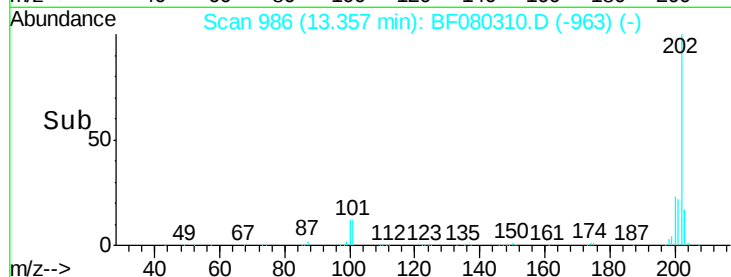
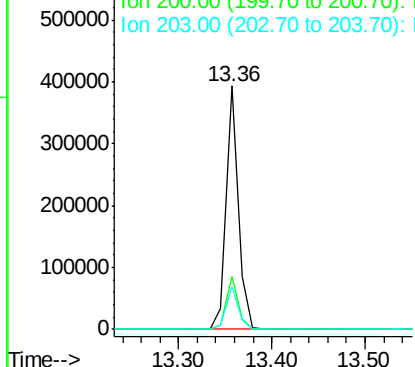
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.5  | 17.0       | 25.6       |
| 203     | 17.5  | 14.0       | 21.0       |

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 7/6/2015 3:30:53 PM

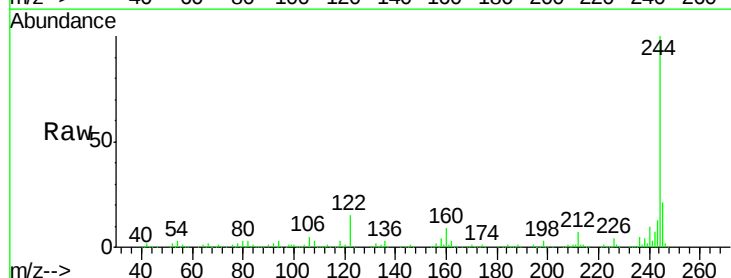


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

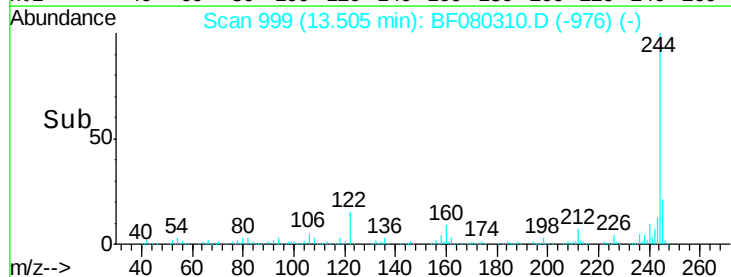
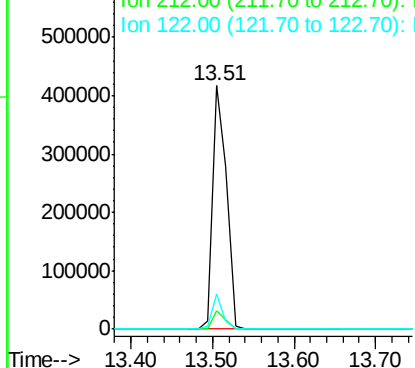


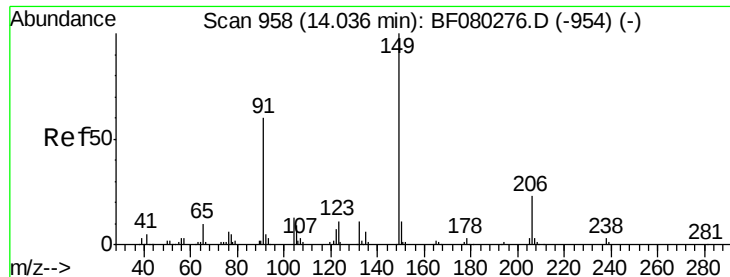
#78  
 Terphenyl-d14  
 Concen: 82.66 ng  
 RT: 13.51 min Scan# 999  
 Delta R.T. -0.03 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.3   | 5.0        | 7.6        |
| 122     | 14.5  | 6.6        | 9.8        |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.38 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.05 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

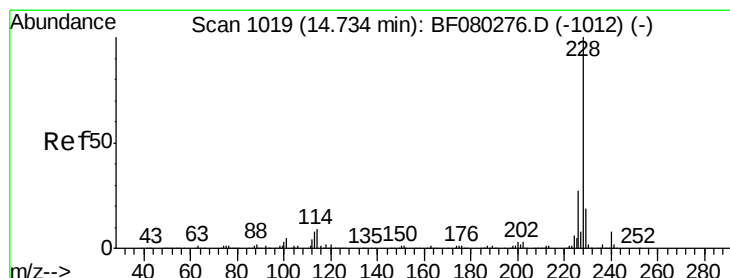
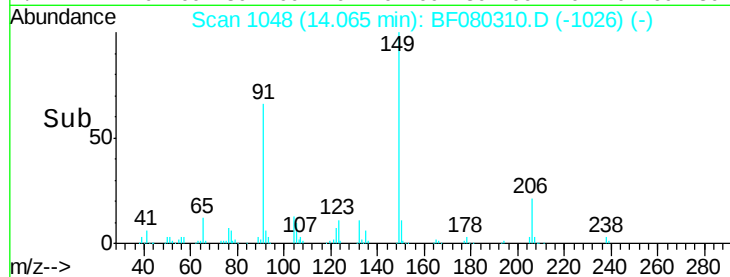
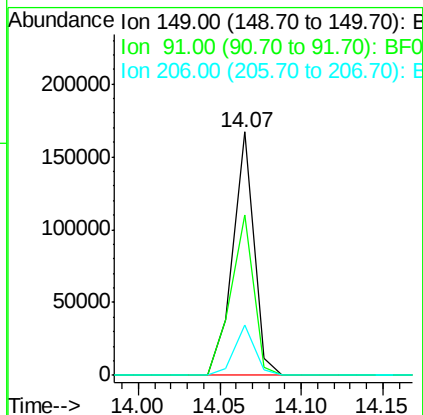
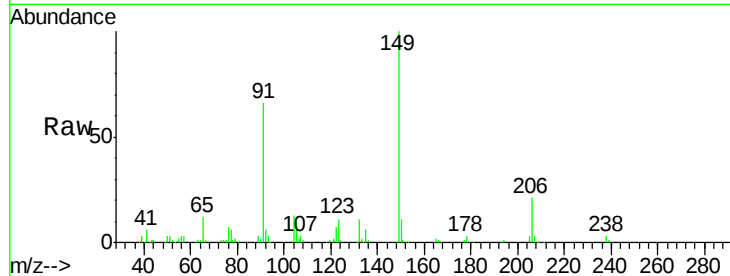
ClientSampleId :

PB84307BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 149065 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 66.1  | 48.1  | 72.1   |
| 206       | 20.7  | 18.1  | 27.1   |

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#80

Benzo(a)anthracene

Concen: 41.57 ng

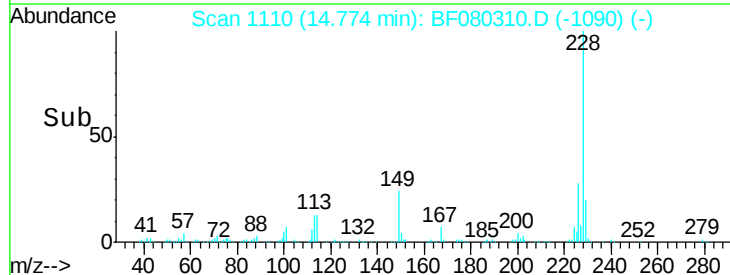
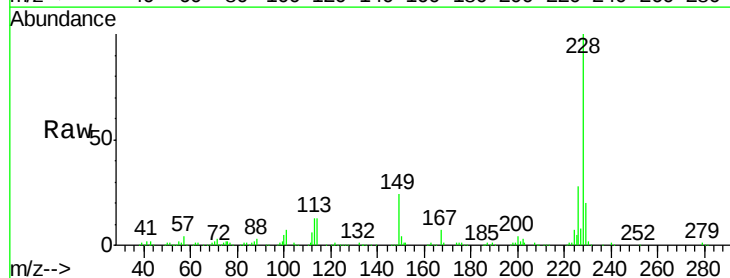
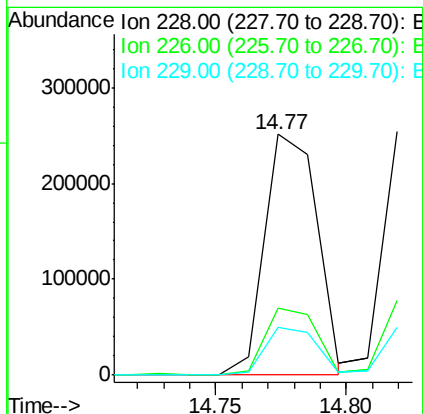
RT: 14.77 min Scan# 1110

Delta R.T. -0.07 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 351697 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 21.7  | 32.5   |
| 229       | 19.9  | 15.5  | 23.3   |





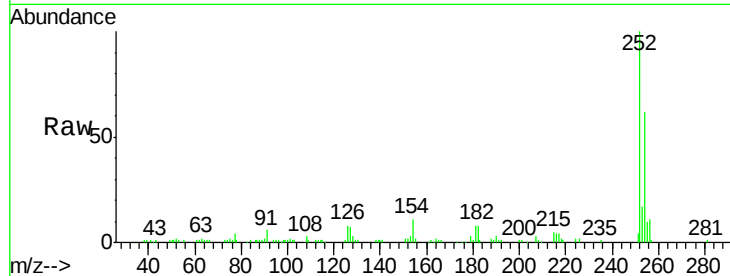
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.73 ng  
 RT: 14.73 min Scan# 1106  
 Delta R.T. -0.06 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

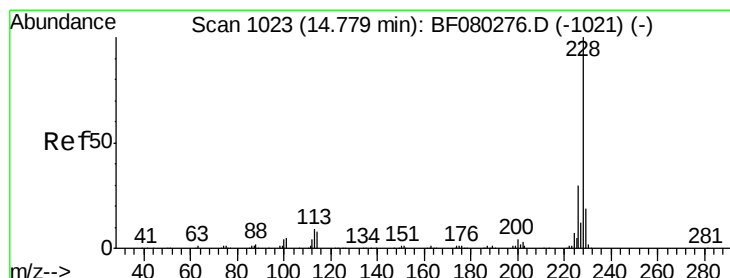
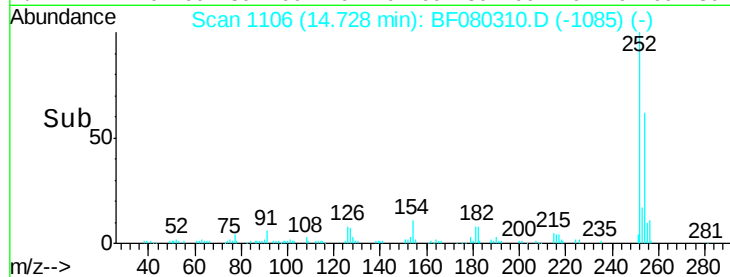
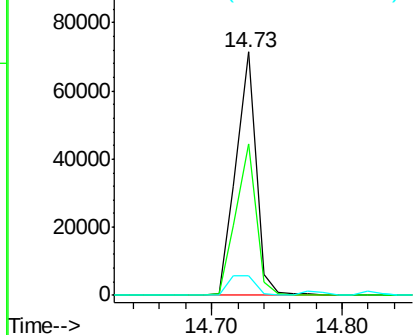
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 62.2  | 50.8       | 76.2       |
| 126     | 7.9   | 9.0        | 13.6       |

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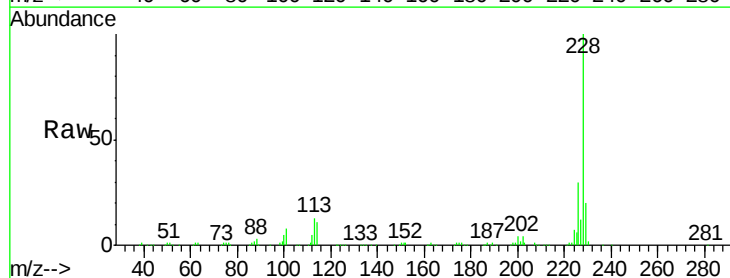


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

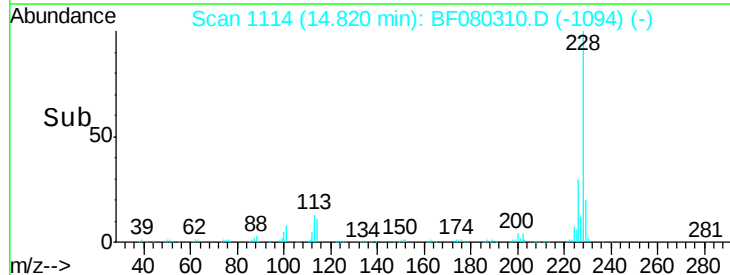
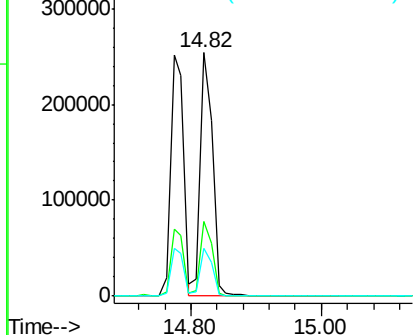


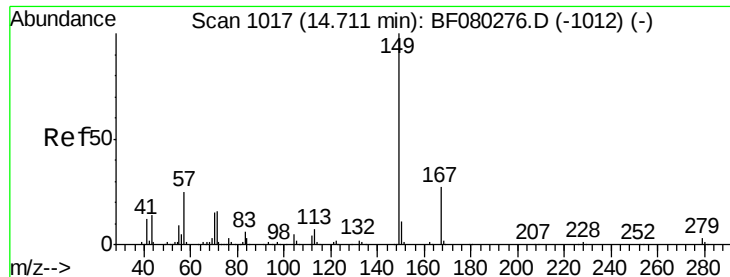
#82  
 Chrysene  
 Concen: 42.03 ng  
 RT: 14.82 min Scan# 1114  
 Delta R.T. -0.07 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.5  | 24.0       | 36.0       |
| 229     | 19.7  | 15.4       | 23.0       |



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.22 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.07 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

Instrument :

BNA\_F

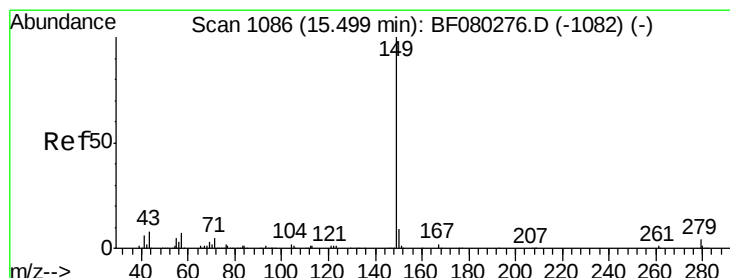
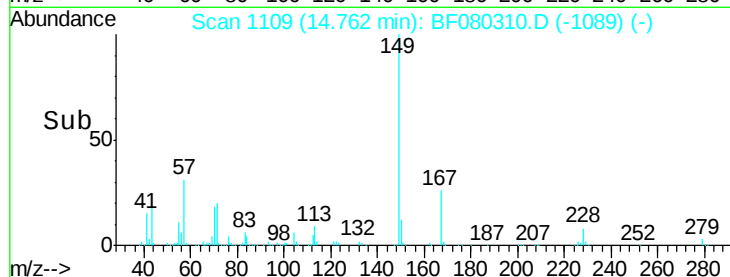
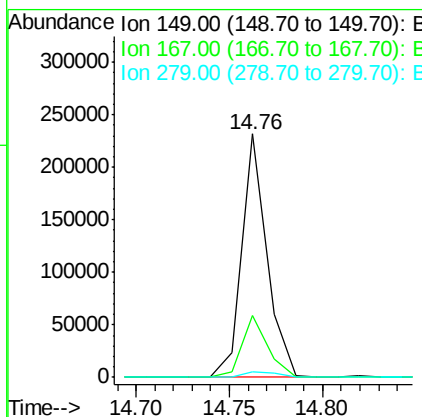
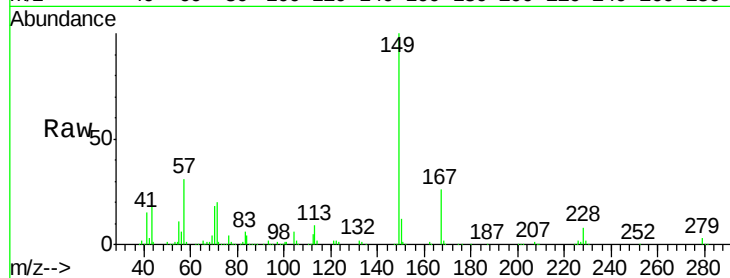
ClientSampleId :

PB84307BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 218705 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.6  | 21.7  | 32.5   |
| 279       | 2.5   | 2.7   | 4.1#   |

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7/6/2015 3:30:53 PM



#84

Di-n-octyl phthalate

Concen: 44.63 ng

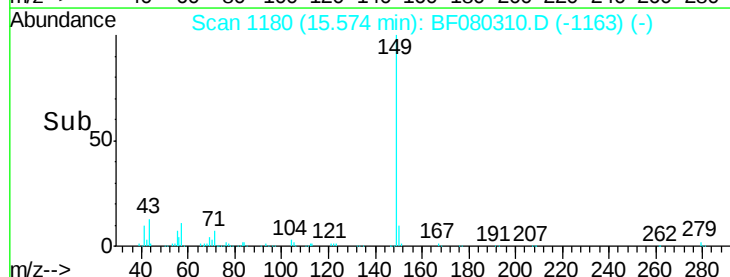
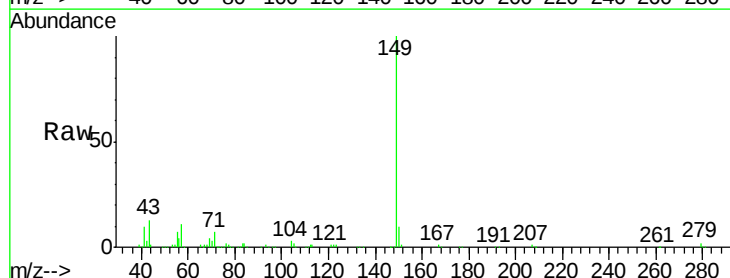
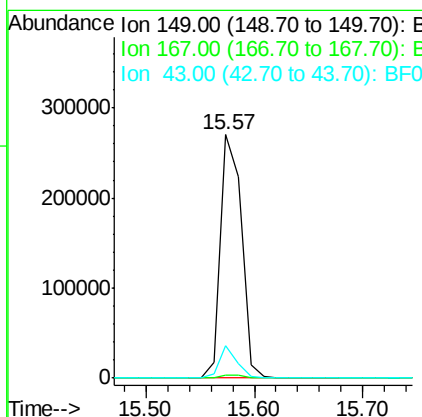
RT: 15.57 min Scan# 1180

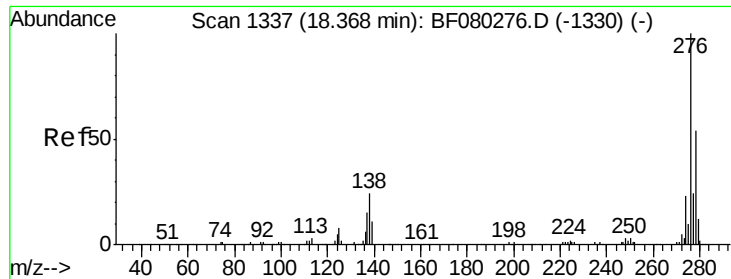
Delta R.T. -0.10 min

Lab File: BF080310.D

Acq: 2 Jul 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 363684 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.2   | 1.8    |
| 43        | 10.7  | 8.3   | 12.5   |





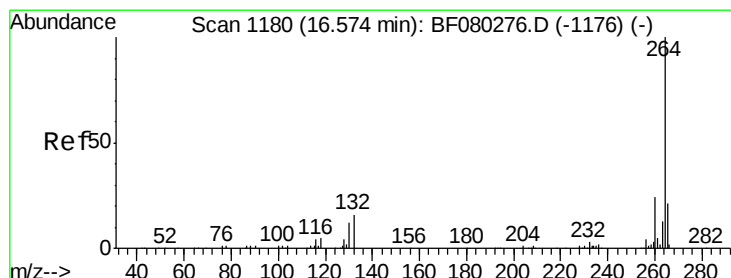
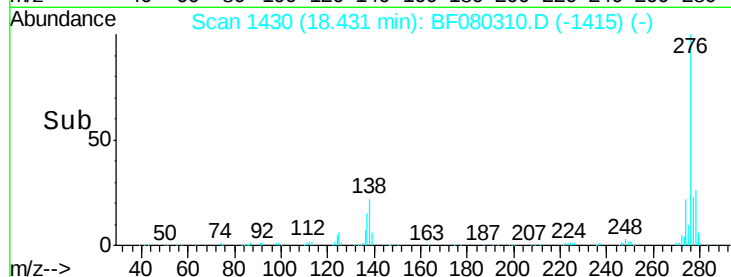
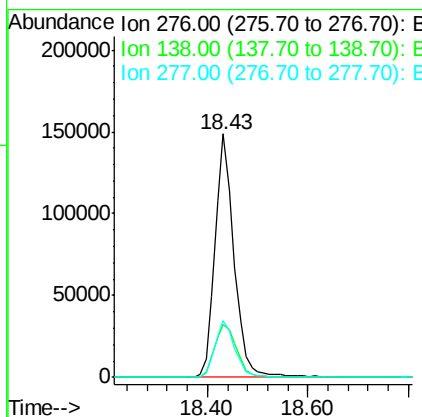
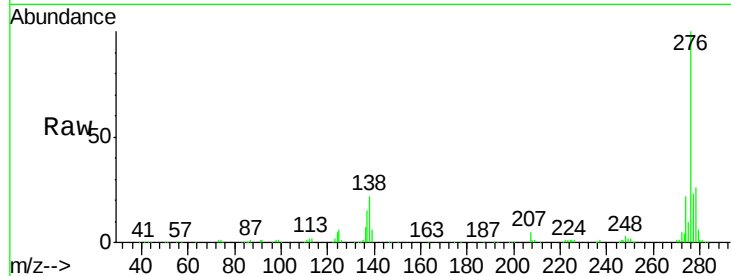
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.86 ng  
 RT: 18.43 min Scan# 1430  
 Delta R.T. -0.13 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 393392 |       |       |
| 138     | 25.2  | 21.0   | 31.6  |       |
| 277     | 24.3  | 19.4   | 29.0  |       |

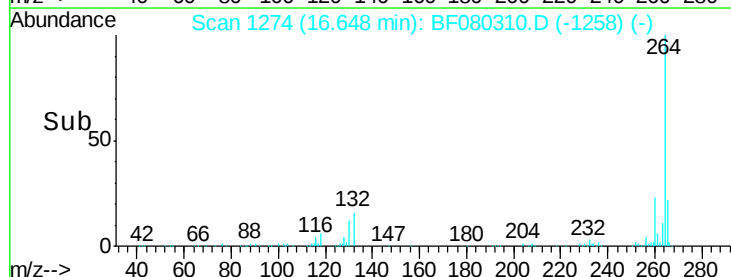
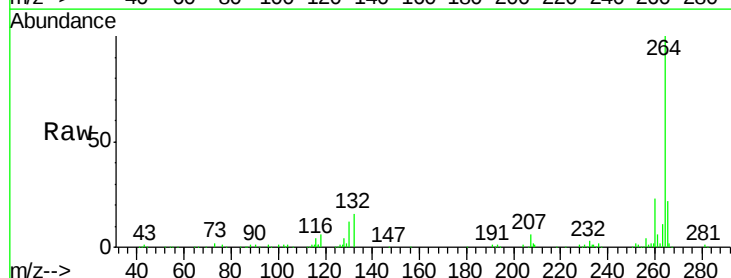
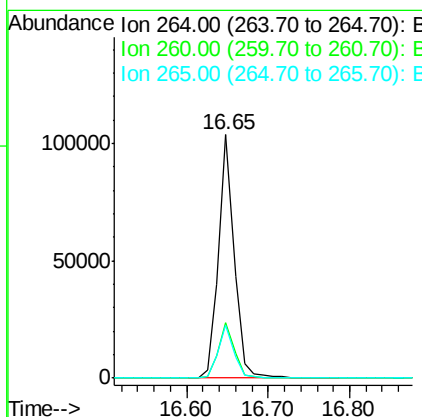
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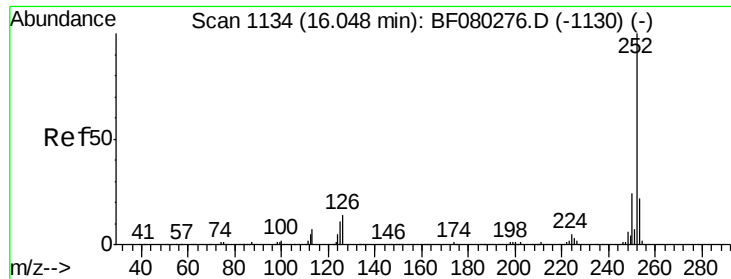
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.65 min Scan# 1274  
 Delta R.T. -0.11 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 138983 |       |       |
| 260     | 22.9  | 19.2   | 28.8  |       |
| 265     | 21.5  | 16.9   | 25.3  |       |





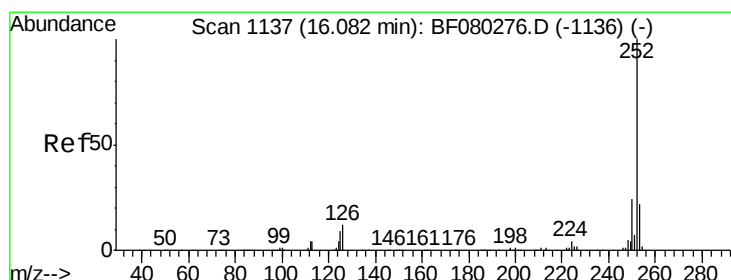
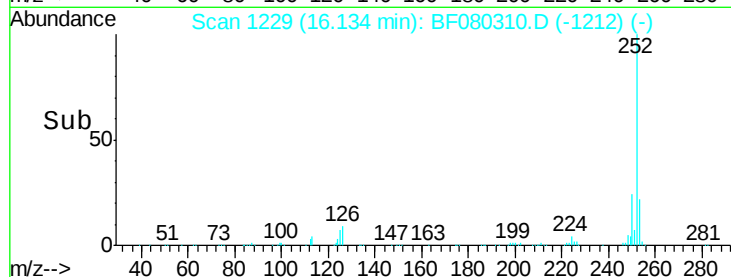
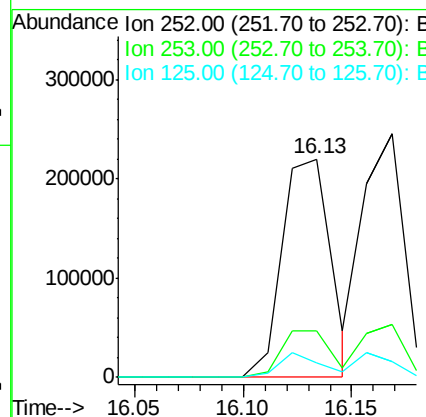
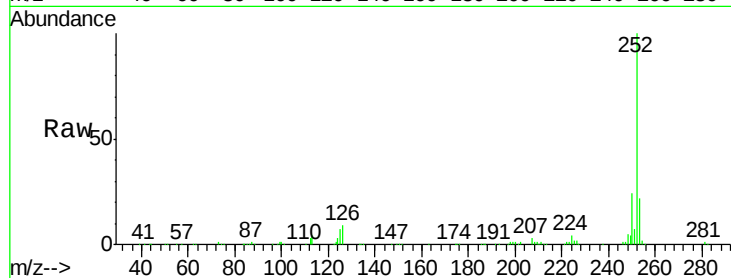
#87  
Benzo(b)fluoranthene  
Concen: 39.28 ng  
RT: 16.13 min Scan# 1229  
Delta R.T. -0.10 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.6  | 17.6       | 26.4  |
| 125     | 6.6   | 8.6        | 12.8# |

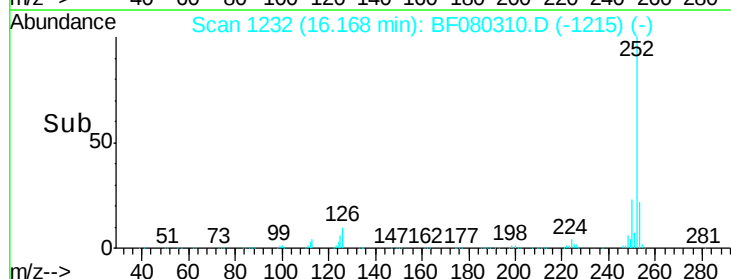
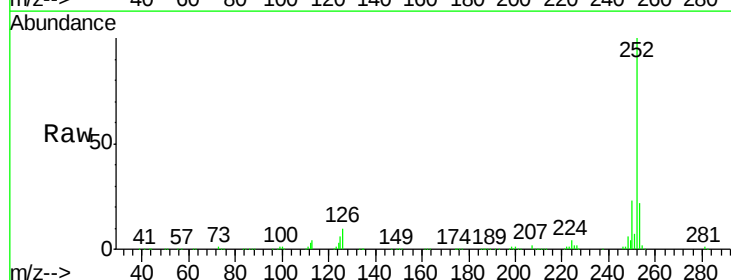
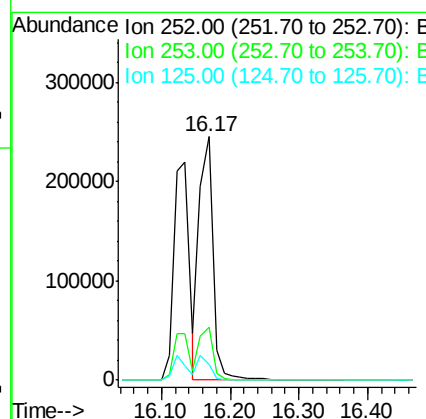
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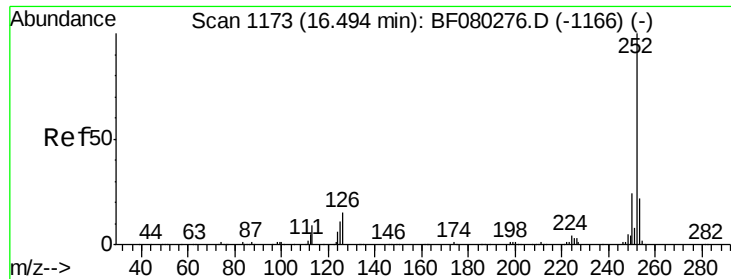
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#88  
Benzo(k)fluoranthene  
Concen: 40.82 ng  
RT: 16.17 min Scan# 1232  
Delta R.T. -0.10 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 21.8  | 17.4       | 26.2  |
| 125     | 6.5   | 8.4        | 12.6# |





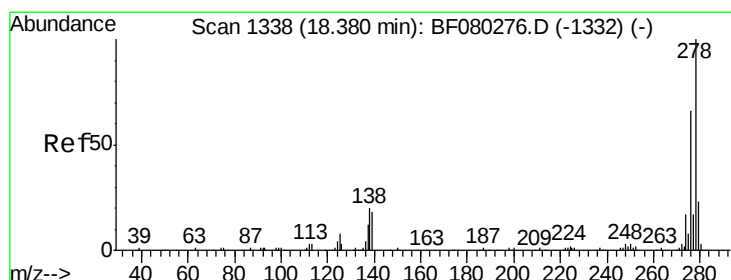
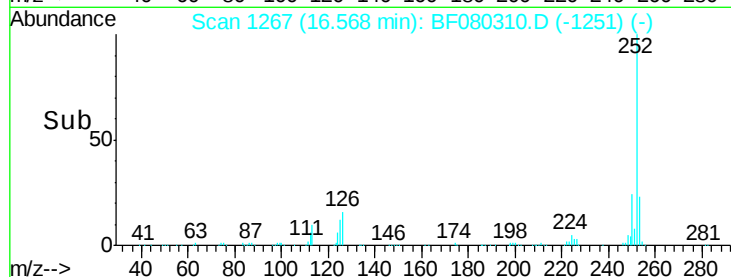
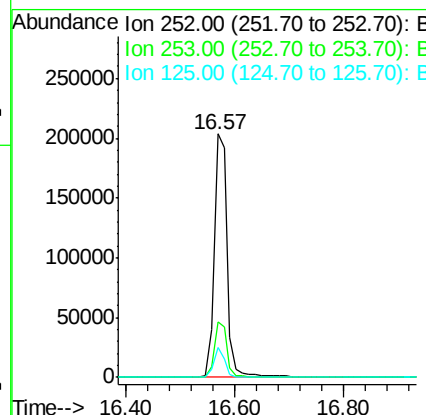
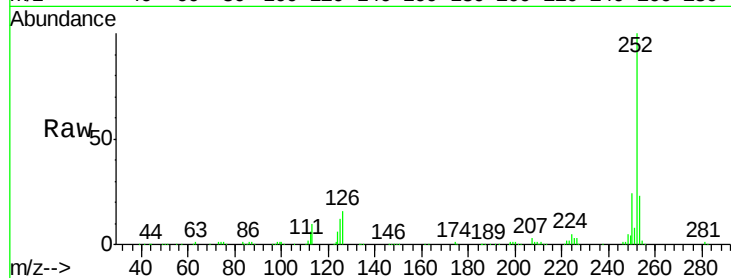
#89  
Benzo(a)pyrene  
Concen: 42.47 ng  
RT: 16.57 min Scan# 1267  
Delta R.T. -0.11 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 339837 |       |       |
| 253     | 22.6  | 17.4   | 26.2  |       |
| 125     | 12.2  | 9.0    | 13.4  |       |

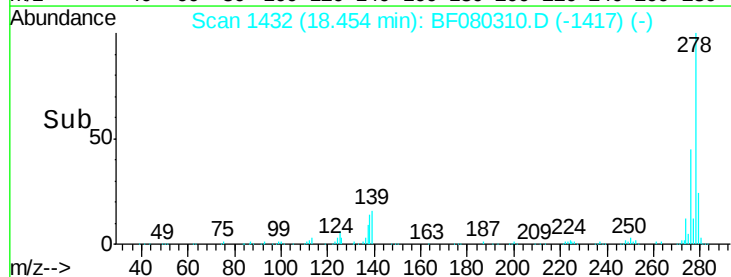
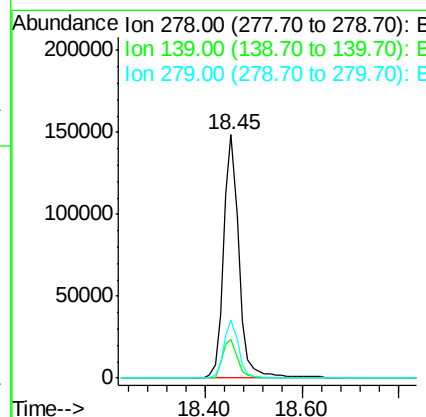
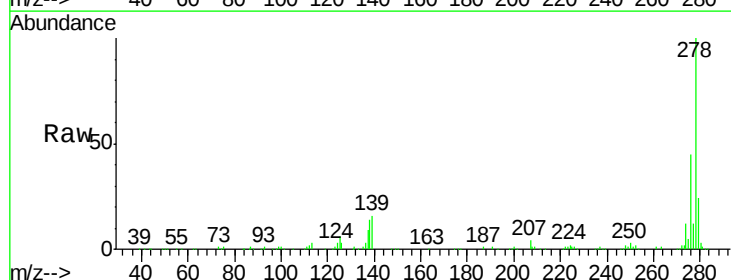
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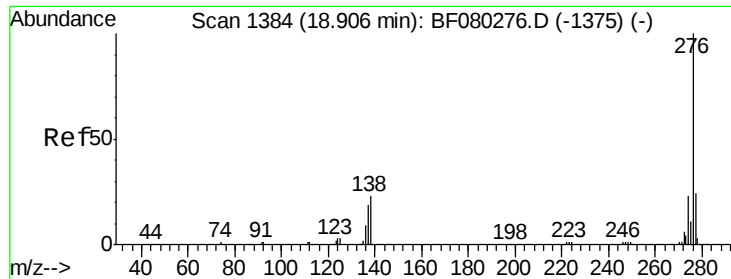
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.03 ng  
RT: 18.45 min Scan# 1432  
Delta R.T. -0.13 min  
Lab File: BF080310.D  
Acq: 2 Jul 2015 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 330478 |       |       |
| 139     | 15.8  | 14.6   | 21.8  |       |
| 279     | 23.7  | 18.7   | 28.1  |       |





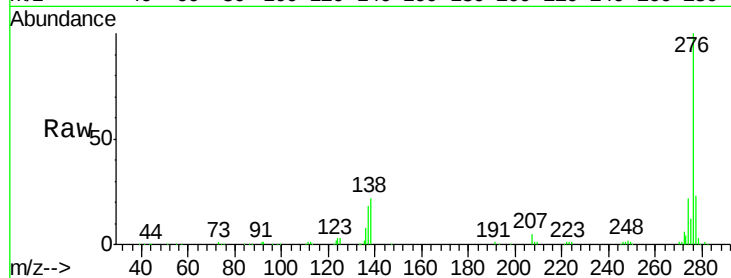
#91  
 Benzo(g,h,i)perylene  
 Concen: 42.75 ng  
 RT: 18.97 min Scan# 1477  
 Delta R.T. -0.13 min  
 Lab File: BF080310.D  
 Acq: 2 Jul 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 334759 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.1 | 19.0  | 28.6   |
| 138       | 22.5 | 18.1  | 27.1   |

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

