

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070115\  
 Data File : BF080283.D  
 Acq On : 1 Jul 2015 21:38  
 Operator : TP/UM  
 Sample : PB84307BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

Manual Integrations  
 APPROVED

apatel  
 7/2/2015 2:39:44 PM

Quant Time: Jul 02 04:32:59 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 02 03:50:52 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.27  | 152  | 54630    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.56  | 136  | 209199   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.32 | 164  | 112421   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.83 | 188  | 233110   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.78 | 240  | 220956   | 20.00 | ng    | 0.03     |
| 86) Perylene-d12          | 16.63 | 264  | 207158   | 20.00 | ng    | 0.06     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.88  | 112 | 312446 | 99.04 | ng | 0.00 |
| 7) Phenol-d6             | 6.87  | 99  | 390414 | 92.19 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.82  | 82  | 235187 | 61.90 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.12 | 330 | 106837 | 99.81 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.64  | 172 | 492166 | 63.01 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.51 | 244 | 540218 | 57.27 | ng | 0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.11 | 88  | 32122m  | 84.85 | ng |        |
| 3) Pyridine                    | 3.94 | 79  | 99246   | 25.42 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.85 | 42  | 49743   | 28.60 | ng | 87     |
| 6) Aniline                     | 6.93 | 93  | 102538  | 18.11 | ng | 90     |
| 8) 2-Chlorophenol              | 7.05 | 128 | 109911  | 31.72 | ng | 99     |
| 9) Benzaldehyde                | 6.81 | 77  | 60774   | 26.26 | ng | 98     |
| 10) Phenol                     | 6.89 | 94  | 133525  | 28.51 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.98 | 93  | 110741  | 31.26 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.21 | 146 | 124329  | 29.39 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.28 | 146 | 123444  | 29.31 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.44 | 146 | 125228  | 29.93 | ng | 99     |
| 15) Benzyl Alcohol             | 7.40 | 79  | 98680   | 30.27 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.53 | 45  | 166187  | 30.57 | ng | 99     |
| 17) 2-Methylphenol             | 7.50 | 107 | 93336   | 31.16 | ng | 99     |
| 18) Hexachloroethane           | 7.78 | 117 | 39281   | 29.87 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.66 | 70  | 80379   | 28.55 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.65 | 107 | 120255  | 30.22 | ng | 99     |
| 22) Acetophenone               | 7.67 | 105 | 155498  | 31.81 | ng | 99     |
| 24) Nitrobenzene               | 7.84 | 77  | 124260  | 31.54 | ng | 100    |
| 25) Isophorone                 | 8.08 | 82  | 226502  | 30.67 | ng | 100    |
| 26) 2-Nitrophenol              | 8.16 | 139 | 55170   | 32.07 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 8.18 | 122 | 102573  | 32.48 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 8.29 | 93  | 138799  | 31.32 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.40 | 162 | 98837   | 33.88 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.49 | 180 | 96510   | 28.36 | ng | 99     |
| 31) Naphthalene                | 8.58 | 128 | 306631m | 28.77 | ng |        |
| 32) Benzoic acid               | 8.25 | 122 | 28461   | 39.38 | ng | 93     |
| 33) 4-Chloroaniline            | 8.62 | 127 | 46168m  | 10.21 | ng |        |
| 34) Hexachlorobutadiene        | 8.70 | 225 | 61828   | 28.84 | ng | 99     |
| 35) Caprolactam                | 8.95 | 113 | 27499   | 31.07 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 9.09 | 107 | 106122  | 33.60 | ng | 96     |
| 37) 2-Methylnaphthalene        | 9.27 | 142 | 224434  | 30.76 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.44 | 216 | 107965  | 28.86 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.43 | 237 | 89519   | 62.56 | ng | 98     |

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Instrument :  
 BNA\_F  
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 PB84307BS

Manual Integrations  
 APPROVED

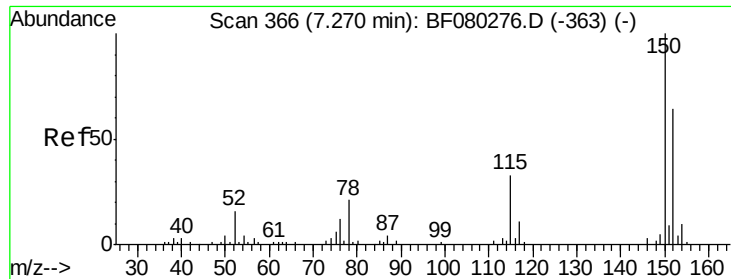
apatel  
 7/2/2015 2:39:44 PM

Quant Time: Jul 02 04:32:59 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 02 03:50:52 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.54  | 196  | 70976    | 29.97 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.59  | 196  | 74044    | 29.02 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.74  | 154  | 278059   | 29.09 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.76  | 162  | 205946   | 27.83 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.85  | 65   | 62895    | 29.55 | ng    | 96       |
| 48) Acenaphthylene             | 10.18 | 152  | 361954   | 28.17 | ng    | 99       |
| 49) Dimethylphthalate          | 10.02 | 163  | 267501   | 31.15 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.09 | 165  | 53180    | 30.29 | ng    | 91       |
| 51) Acenaphthene               | 10.36 | 154  | 221984   | 30.00 | ng    | 100      |
| 52) 3-Nitroaniline             | 10.26 | 138  | 29671    | 14.73 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 10.37 | 184  | 42764    | 67.27 | ng    | # 1      |
| 54) Dibenzofuran               | 10.53 | 168  | 305436   | 29.25 | ng    | 100      |
| 55) 4-Nitrophenol              | 10.41 | 139  | 88217    | 59.26 | ng    | # 59     |
| 56) 2,4-Dinitrotoluene         | 10.49 | 165  | 69630    | 30.59 | ng    | 90       |
| 57) Fluorene                   | 10.88 | 166  | 245784   | 28.38 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.64 | 232  | 60729    | 30.54 | ng    | 99       |
| 59) Diethylphthalate           | 10.73 | 149  | 237654   | 29.12 | ng    | # 91     |
| 60) 4-Chlorophenyl-phenylether | 10.86 | 204  | 115854   | 29.58 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.87 | 138  | 52584    | 25.69 | ng    | 97       |
| 62) Azobenzene                 | 11.02 | 77   | 236857   | 28.21 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.92 | 198  | 28514    | 34.93 | ng    | # 42     |
| 65) n-Nitrosodiphenylamine     | 10.97 | 169  | 212643   | 27.76 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.36 | 248  | 72493    | 28.77 | ng    | 97       |
| 67) Hexachlorobenzene          | 11.44 | 284  | 74619    | 27.63 | ng    | 96       |
| 68) Atrazine                   | 11.50 | 200  | 65581    | 28.32 | ng    | 97       |
| 69) Pentachlorophenol          | 11.62 | 266  | 78495    | 55.76 | ng    | 99       |
| 70) Phenanthrene               | 11.85 | 178  | 392605   | 28.11 | ng    | 100      |
| 71) Anthracene                 | 11.91 | 178  | 377977   | 28.21 | ng    | 99       |
| 72) Carbazole                  | 12.06 | 167  | 344597   | 27.50 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.39 | 149  | 378575   | 28.16 | ng    | # 98     |
| 74) Fluoranthene               | 13.11 | 202  | 402496   | 27.89 | ng    | 99       |
| 76) Benzidine                  | 13.23 | 184  | 200234   | 30.95 | ng    | 100      |
| 77) Pyrene                     | 13.36 | 202  | 406125   | 28.72 | ng    | 100      |
| 79) Butylbenzylphthalate       | 14.06 | 149  | 163776   | 30.20 | ng    | 93       |
| 80) Benzo(a)anthracene         | 14.77 | 228  | 374551   | 28.05 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.71 | 252  | 74650    | 17.13 | ng    | 99       |
| 82) Chrysene                   | 14.81 | 228  | 347910   | 28.26 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.75 | 149  | 225199   | 29.50 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 15.55 | 149  | 379353   | 29.50 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.43 | 276  | 357765   | 25.85 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 16.11 | 252  | 341280   | 26.08 | ng    | # 98     |
| 88) Benzo(k)fluoranthene       | 16.14 | 252  | 354399   | 28.76 | ng    | # 98     |
| 89) Benzo(a)pyrene             | 16.55 | 252  | 337441   | 28.30 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 18.45 | 278  | 293169   | 26.20 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 18.96 | 276  | 309095   | 26.48 | ng    | 99       |

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

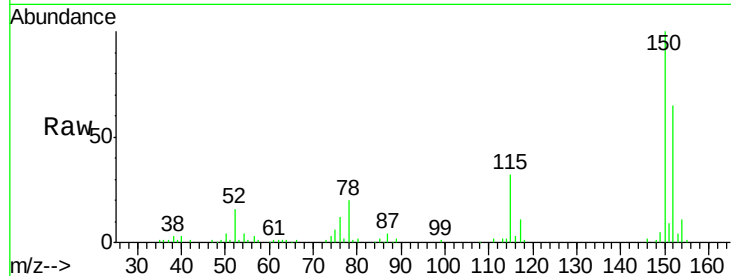




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.27 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

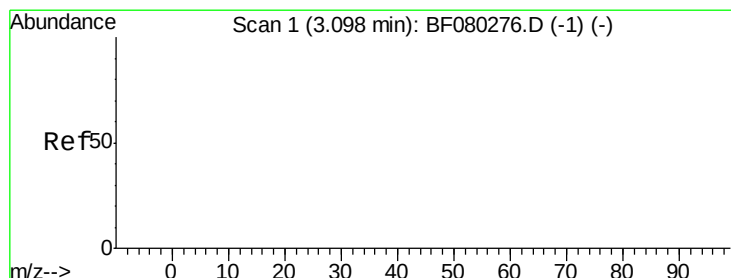
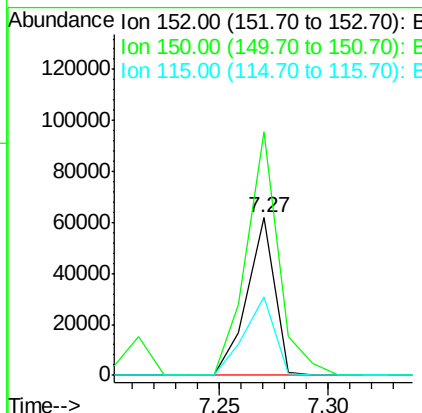
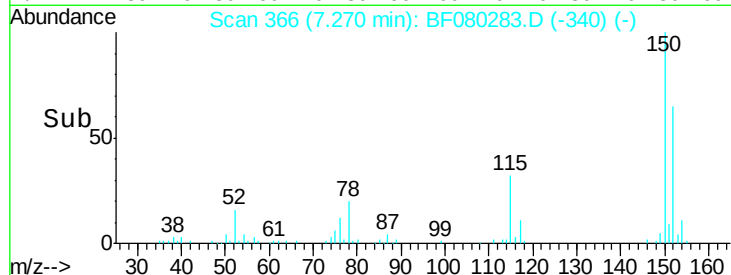
Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 124.7 | 187.1 |
| 115     | 49.9  | 41.0  | 61.6  |

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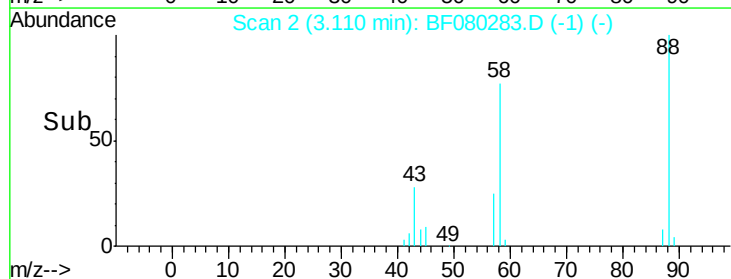
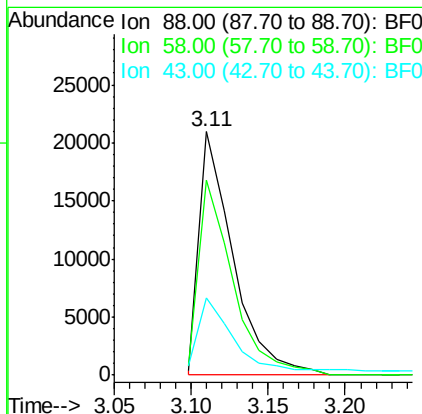
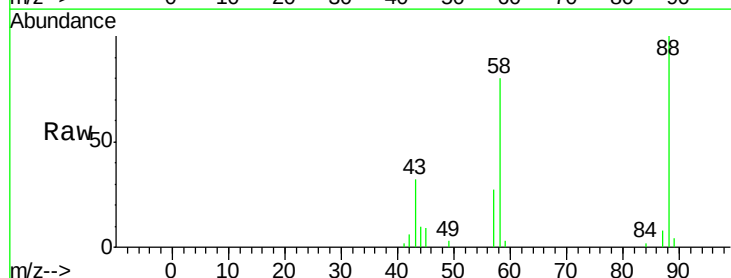
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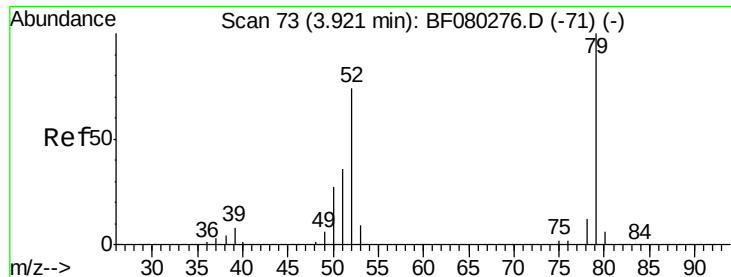


#2

1,4-Dioxane  
Concen: 84.85 ng m  
RT: 3.11 min Scan# 2  
Delta R.T. 0.01 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

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





#3

Pyridine

Concen: 25.42 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

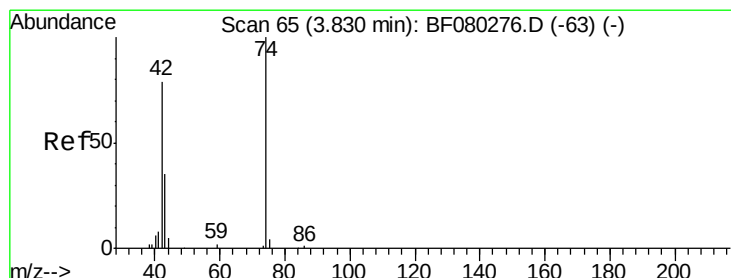
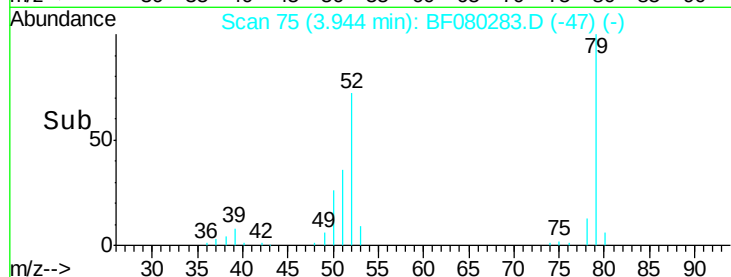
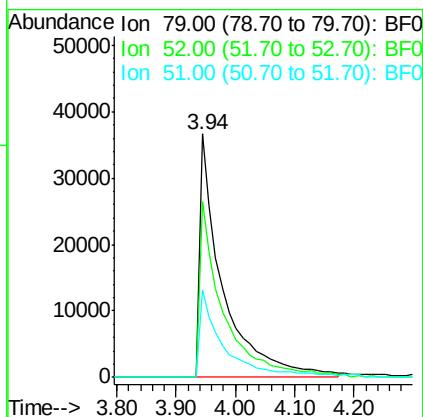
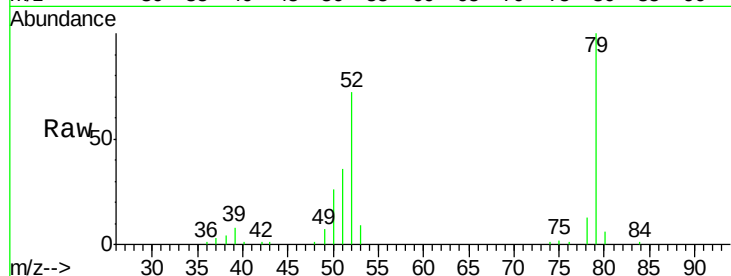
ClientSampleId :

PB84307BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 99246 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 72.2  | 59.3  | 88.9  |
| 51       | 35.7  | 29.0  | 43.6  |

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#4

n-Nitrosodimethylamine

Concen: 28.60 ng

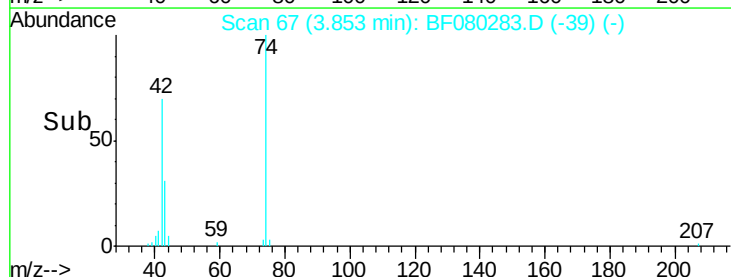
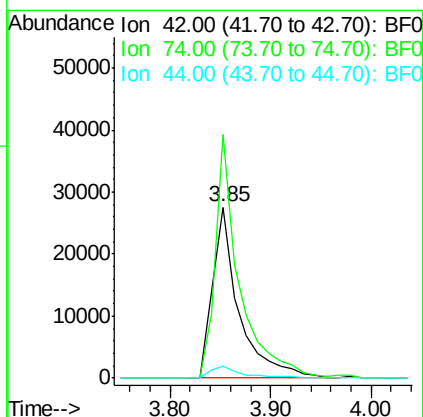
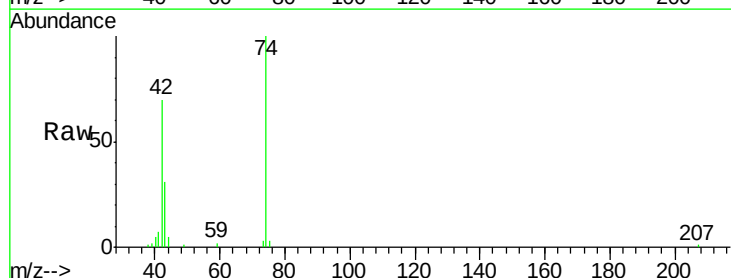
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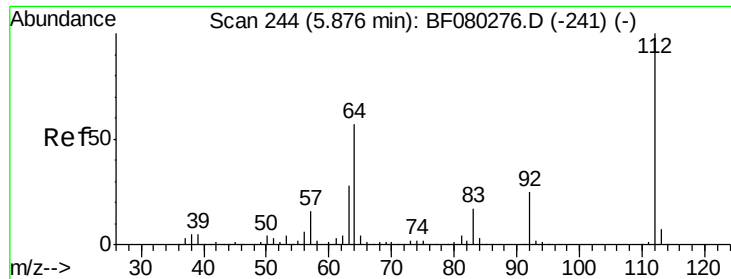
Delta R.T. 0.02 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 49743 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 142.4 | 101.4 | 152.2 |
| 44       | 7.3   | 6.3   | 9.5   |





#5

2-Fluorophenol

Concen: 99.04 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080283.D

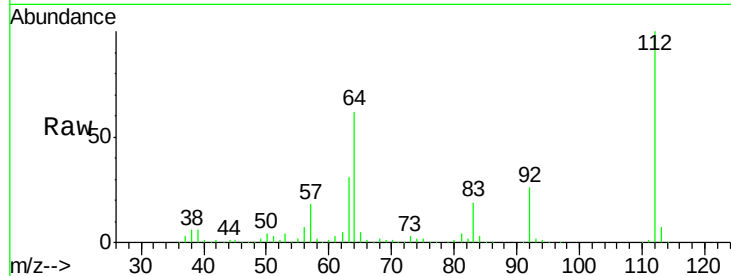
Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

ClientSampleId :

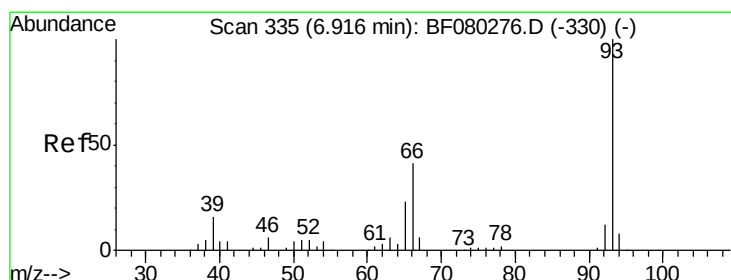
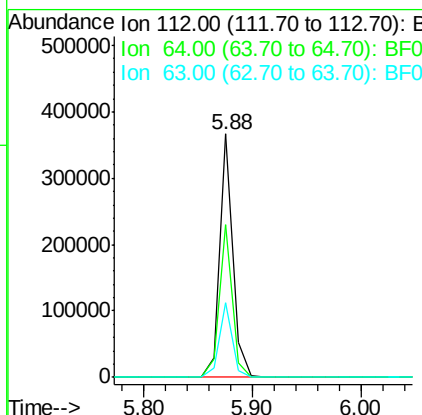
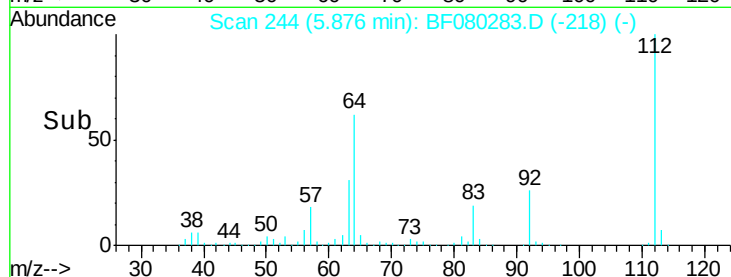
PB84307BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 312446 |       |       |
| 64      | 62.5  | 45.5   | 68.3  |       |
| 63      | 30.8  | 22.4   | 33.6  |       |

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#6

Aniline

Concen: 18.11 ng

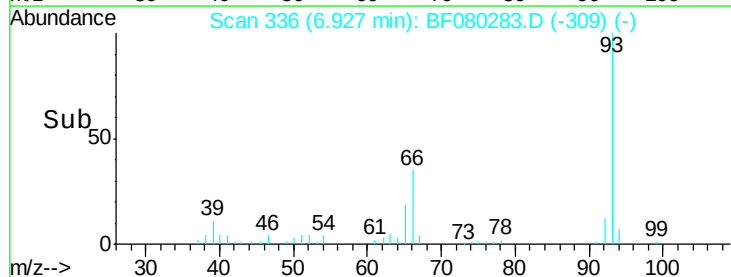
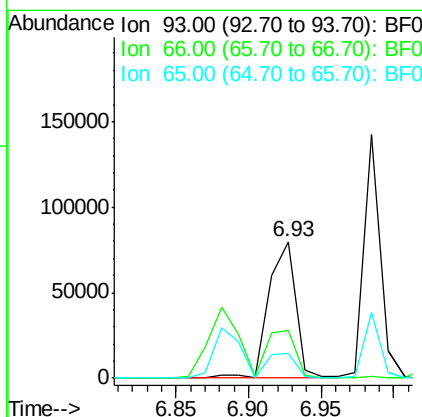
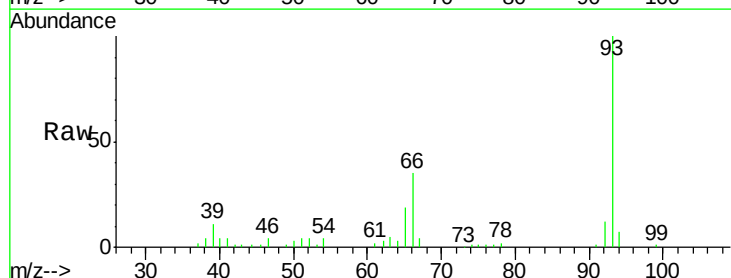
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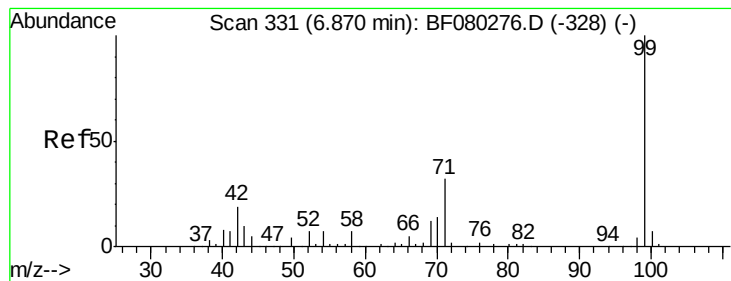
Delta R.T. 0.01 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 102538 |       |       |
| 66      | 35.2  | 33.7   | 50.5  |       |
| 65      | 18.6  | 18.3   | 27.5  |       |





#7

Phenol-d6

Concen: 92.19 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

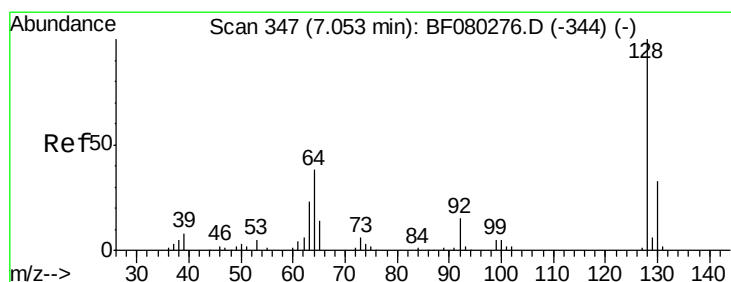
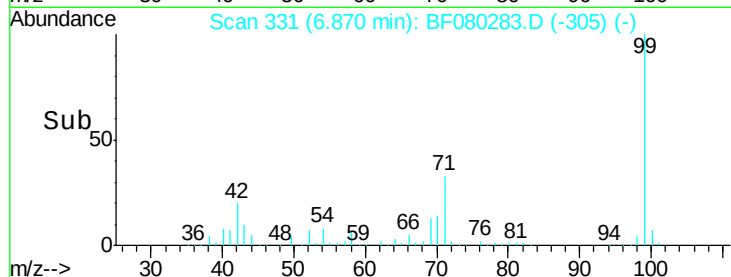
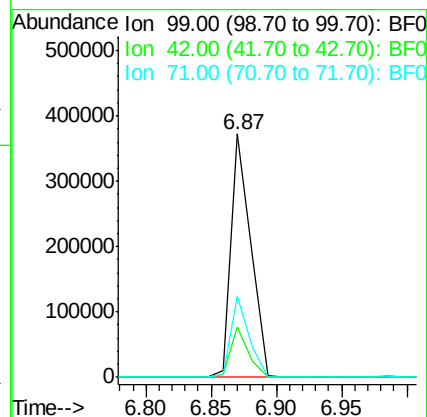
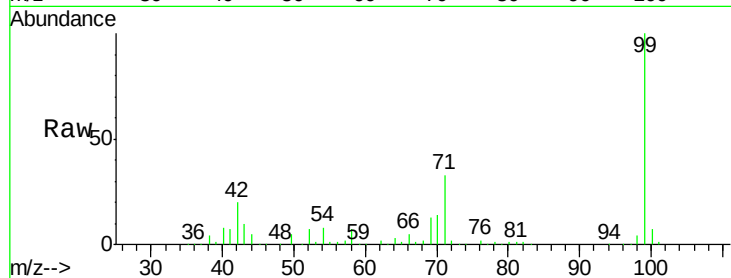
ClientSampleId :

PB84307BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 390414 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.4  | 15.4  | 23.2   |
| 71        | 33.3  | 25.8  | 38.8   |

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#8

2-Chlorophenol

Concen: 31.72 ng

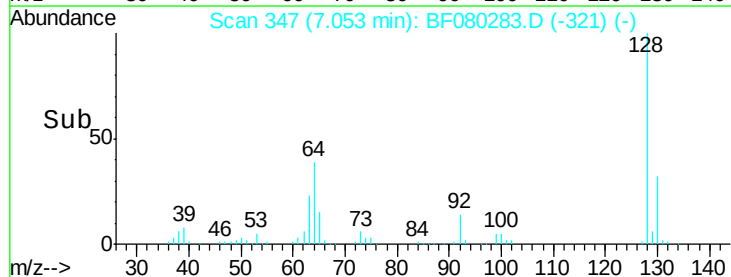
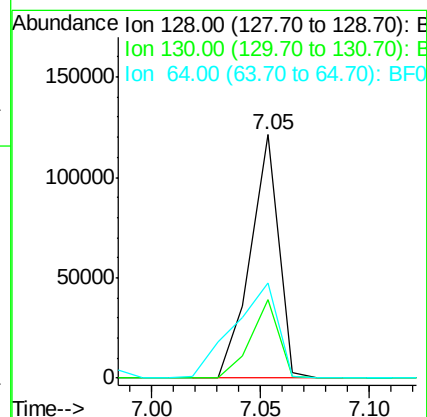
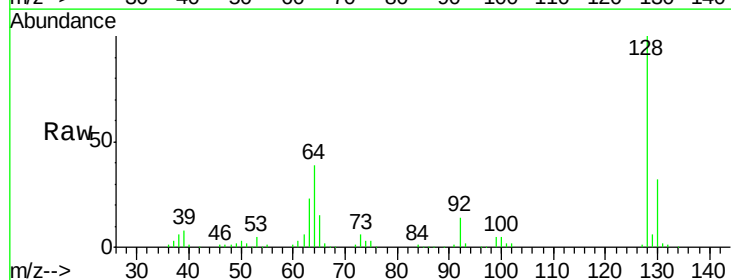
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Delta R.T. 0.00 min

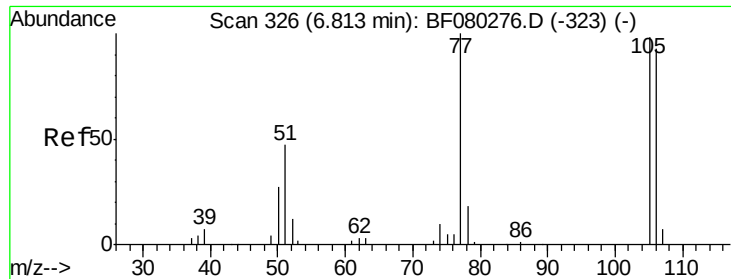
Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 109911 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.4  | 13.4  | 53.4   |
| 64        | 38.9  | 18.5  | 58.5   |







#9

Benzaldehyde

Concen: 26.26 ng

RT: 6.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

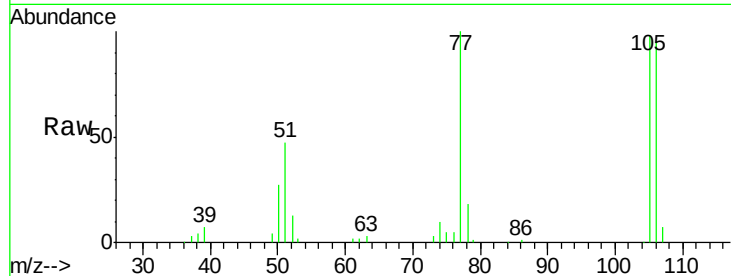
ClientSampleId :

PB84307BS

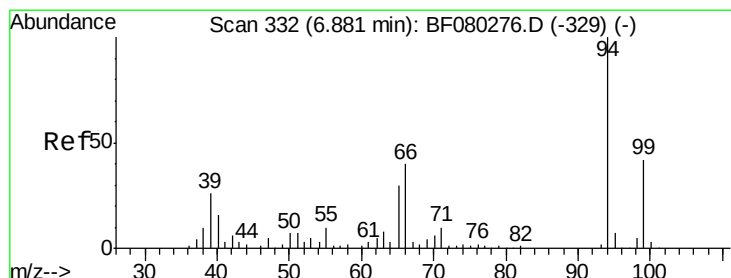
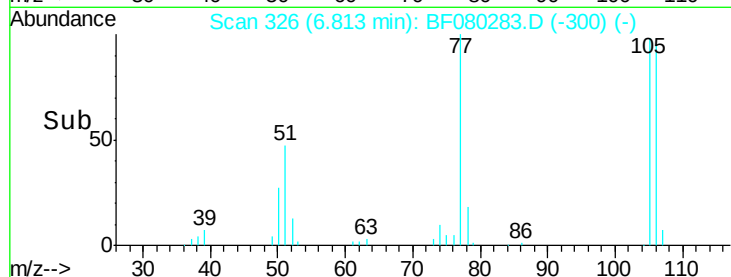
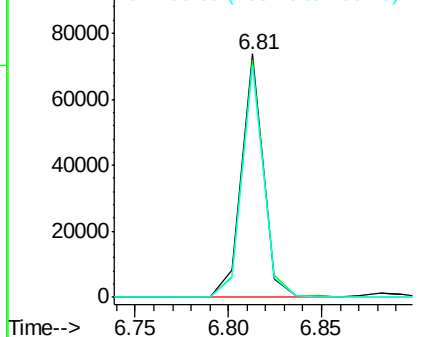
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 60774 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 97.6  | 78.2  | 118.2 |
| 106      | 95.1  | 72.5  | 112.5 |

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Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 28.51 ng

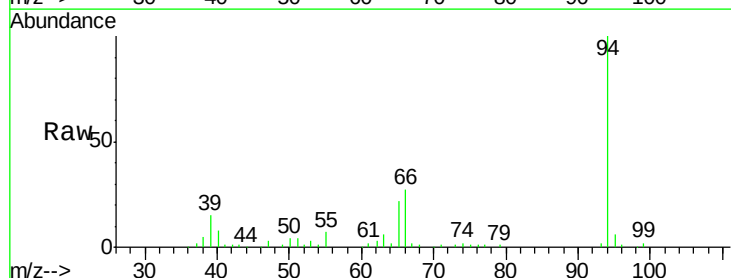
RT: 6.89 min Scan# 333

Delta R.T. 0.01 min

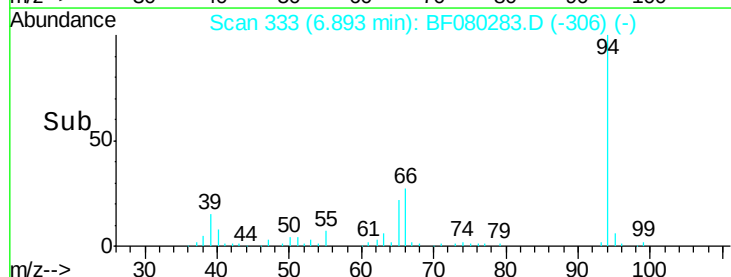
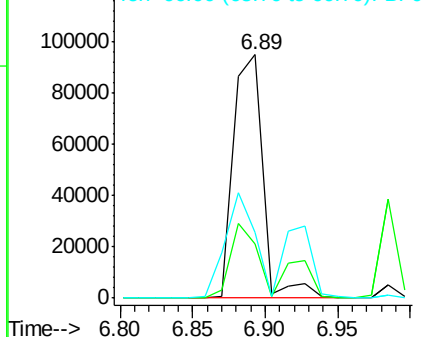
Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

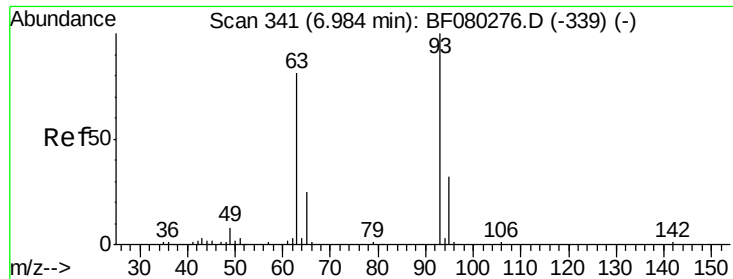
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 133525 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 22.3  | 9.6   | 49.6   |
| 66       | 27.2  | 19.7  | 59.7   |



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0







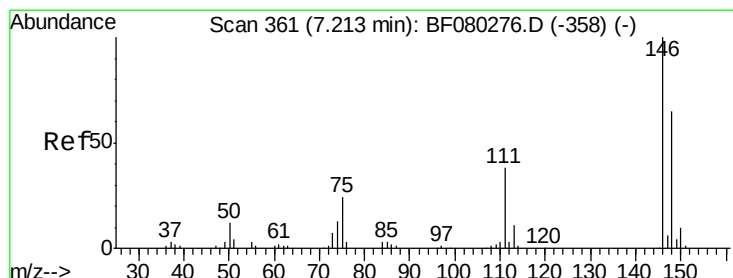
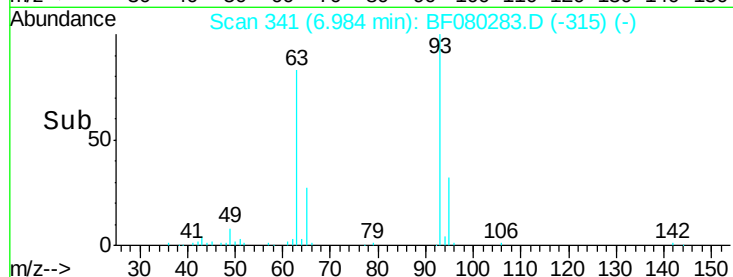
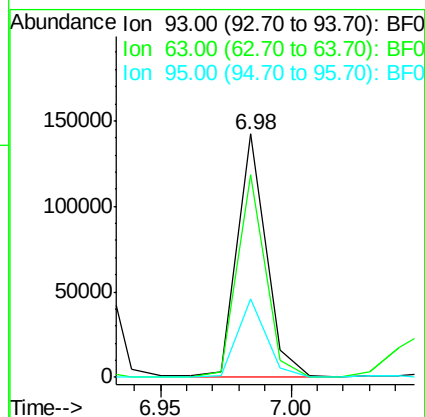
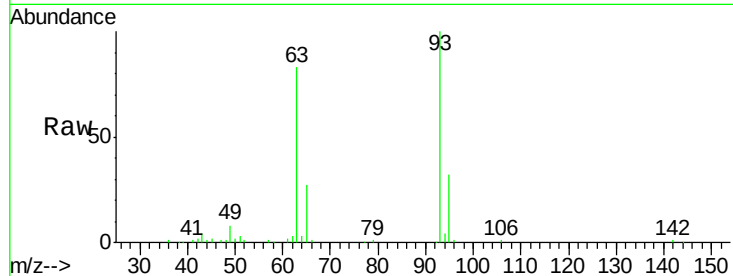
#11  
bis(2-Chloroethyl)ether  
Concen: 31.26 ng  
RT: 6.98 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.3  | 61.0  | 101.0 |
| 95      | 32.4  | 12.0  | 52.0  |

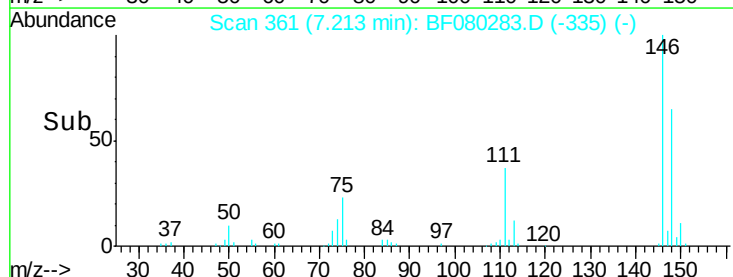
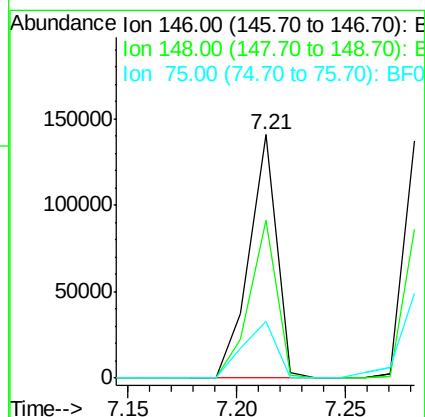
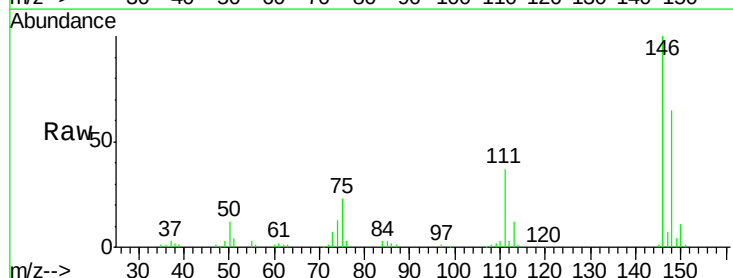
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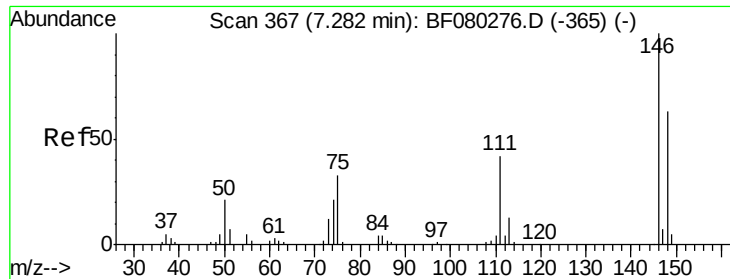
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#12  
1,3-Dichlorobenzene  
Concen: 29.39 ng  
RT: 7.21 min Scan# 361  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.8  | 77.6  |
| 75      | 23.5  | 19.4  | 29.2  |





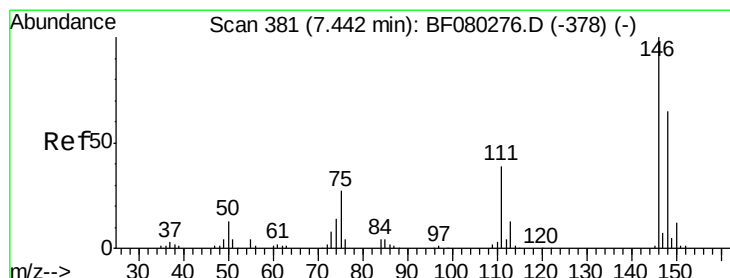
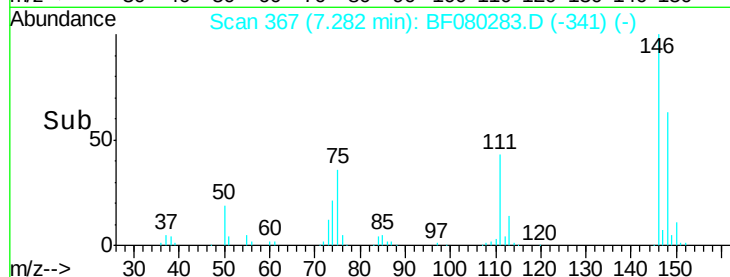
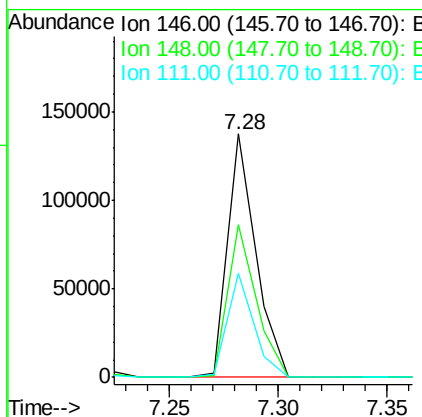
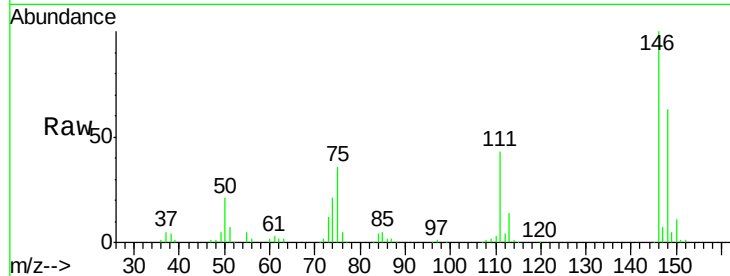
#13  
 1,4-Dichlorobenzene  
 Concen: 29.31 ng  
 RT: 7.28 min Scan# 367  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 50.2  | 75.2  |
| 111     | 42.8  | 33.8  | 50.8  |

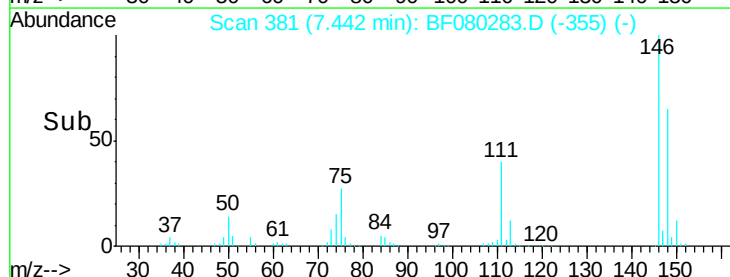
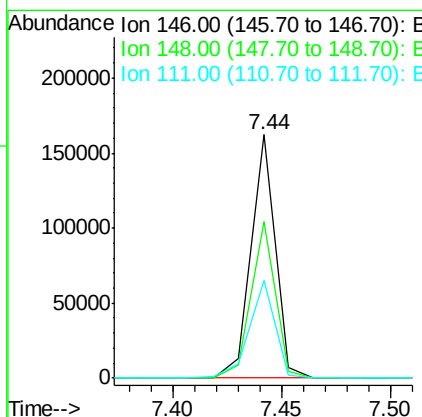
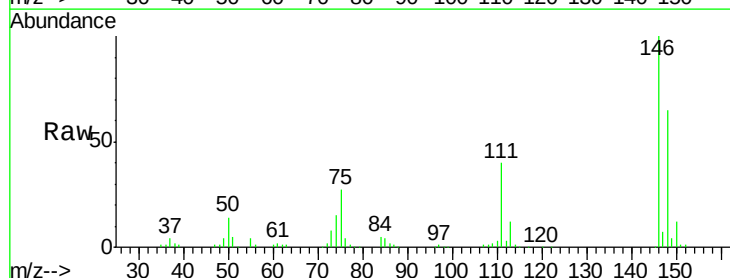
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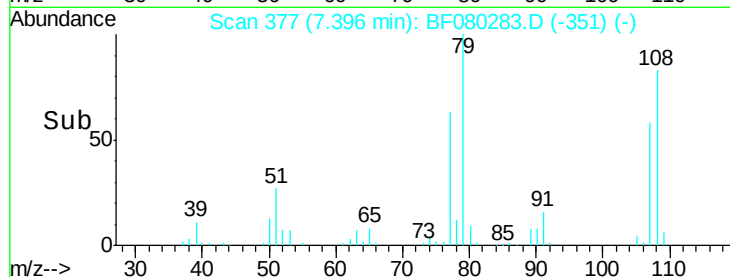
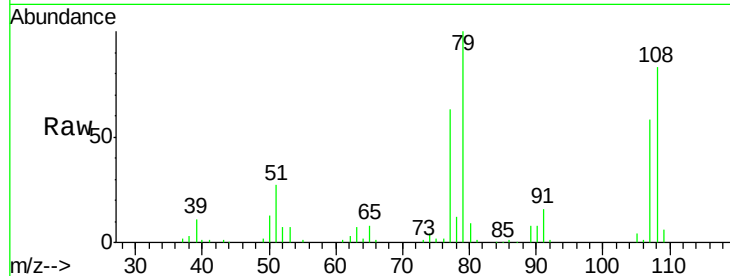
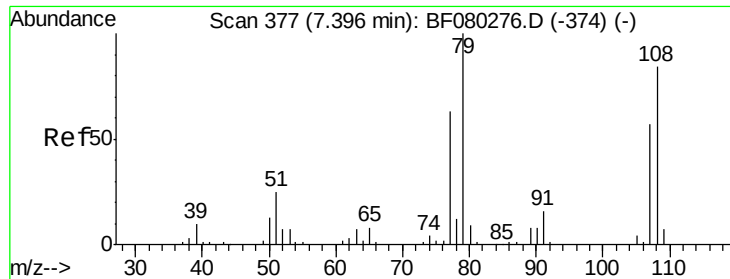
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#14  
 1,2-Dichlorobenzene  
 Concen: 29.93 ng  
 RT: 7.44 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 52.2  | 78.4  |
| 111     | 40.1  | 31.6  | 47.4  |





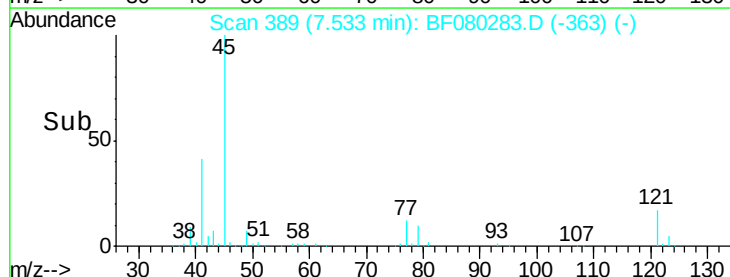
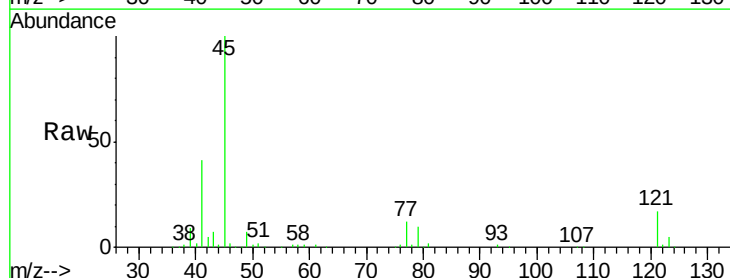
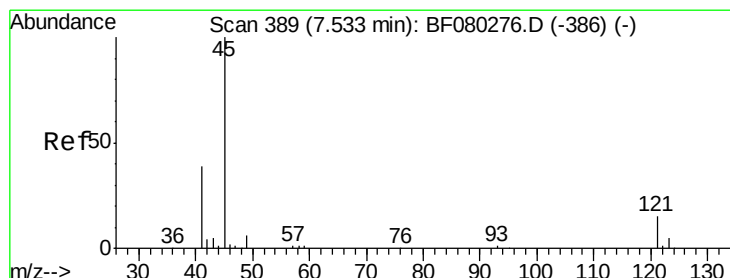
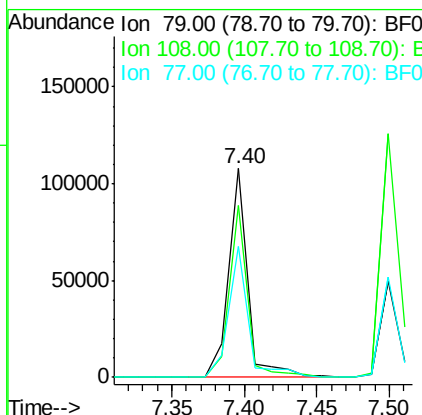
#15  
Benzyl Alcohol  
Concen: 30.27 ng  
RT: 7.40 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Tgt Ion: 79 Resp: 98680  
Ion Ratio Lower Upper  
79 100  
108 82.7 67.1 100.7  
77 62.9 50.7 76.1

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

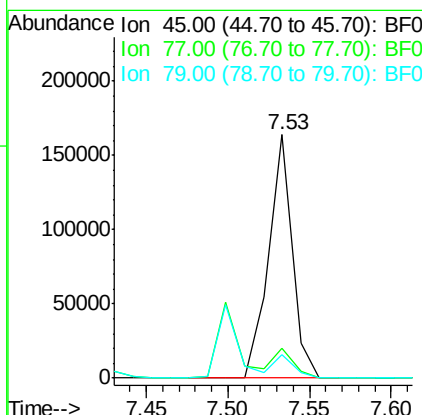
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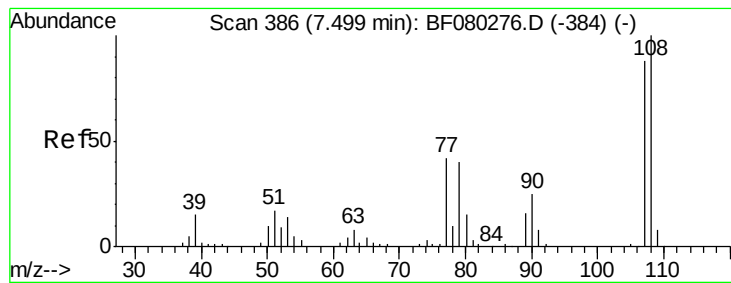
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.57 ng  
RT: 7.53 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Tgt Ion: 45 Resp: 166187  
Ion Ratio Lower Upper  
45 100  
77 12.2 0.0 32.0  
79 9.8 0.0 29.3





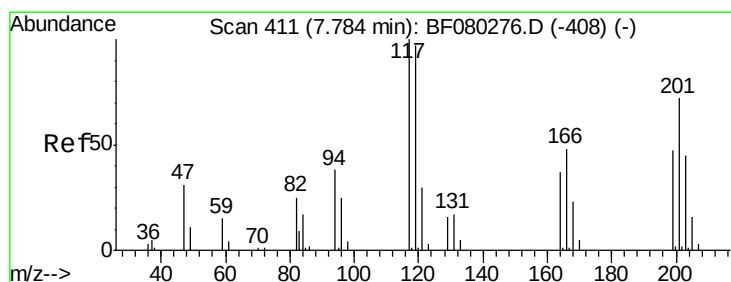
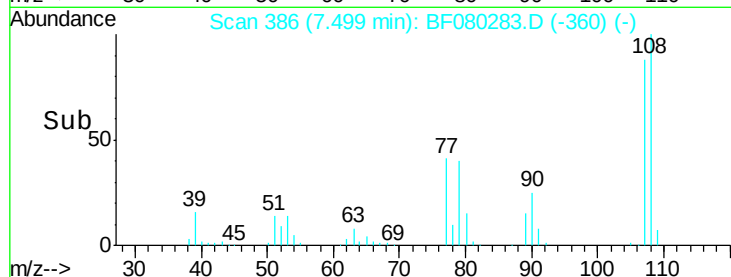
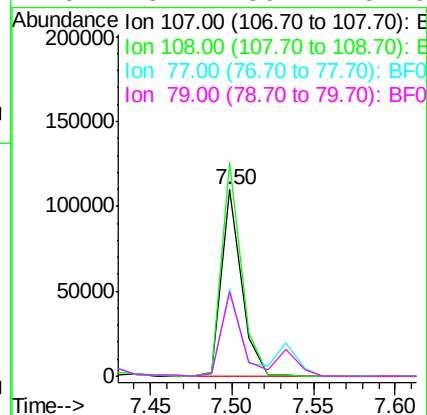
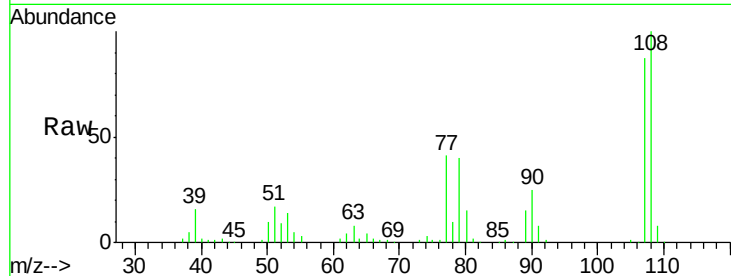
#17  
2-Methylphenol  
Concen: 31.16 ng  
RT: 7.50 min Scan# 386  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 93336 |       |       |
| 108     | 114.5 | 90.6  | 136.0 |       |
| 77      | 47.0  | 38.0  | 57.0  |       |
| 79      | 45.4  | 36.4  | 54.6  |       |

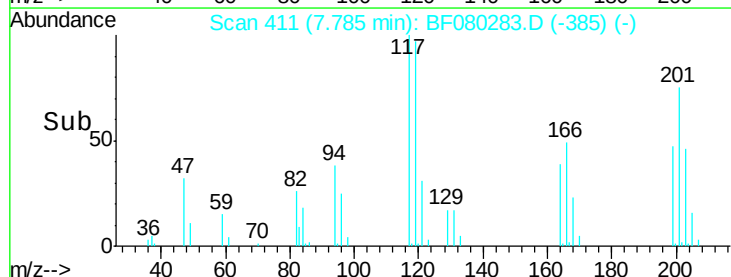
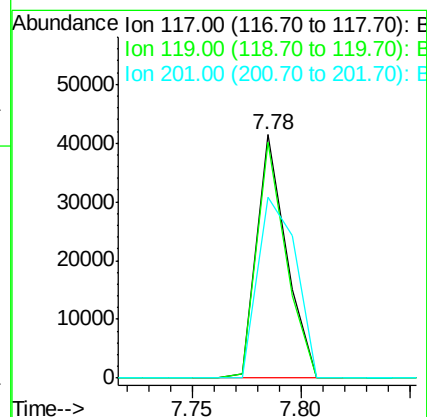
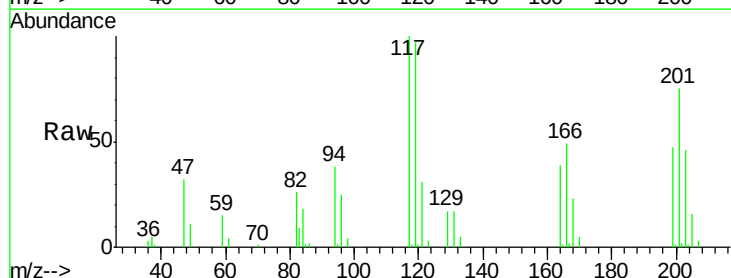
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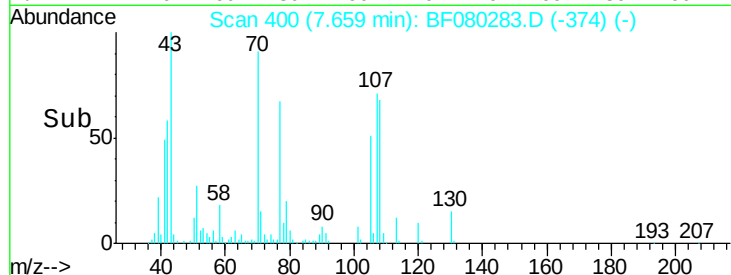
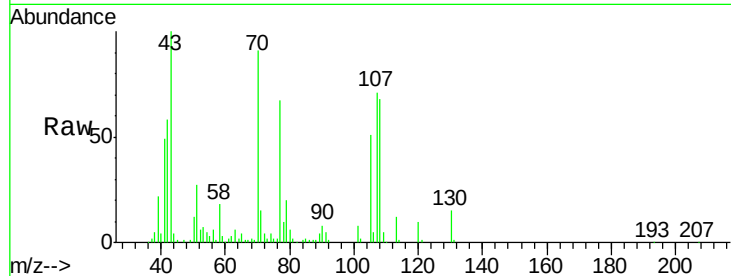
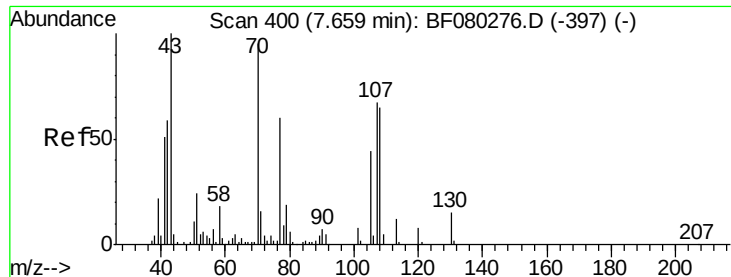
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#18  
Hexachloroethane  
Concen: 29.87 ng  
RT: 7.78 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 39281 |       |       |
| 119     | 97.1  | 77.3  | 115.9 |       |
| 201     | 74.5  | 57.5  | 86.3  |       |





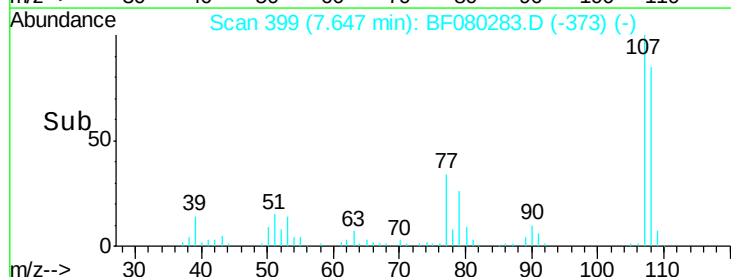
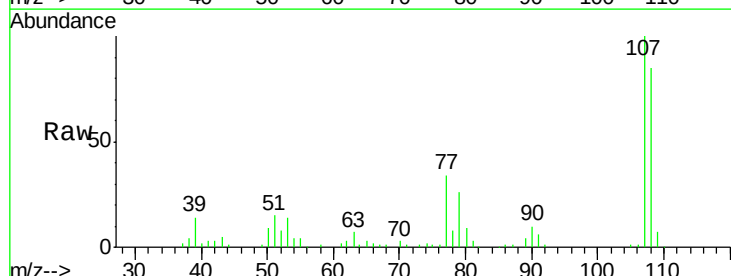
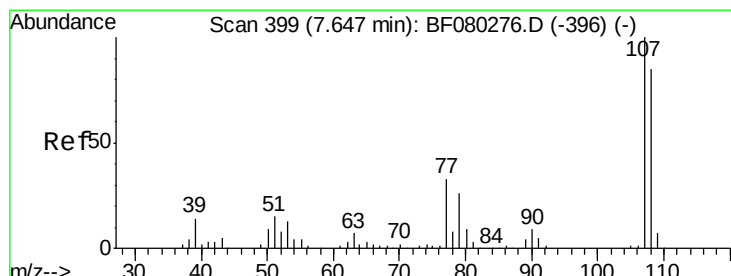
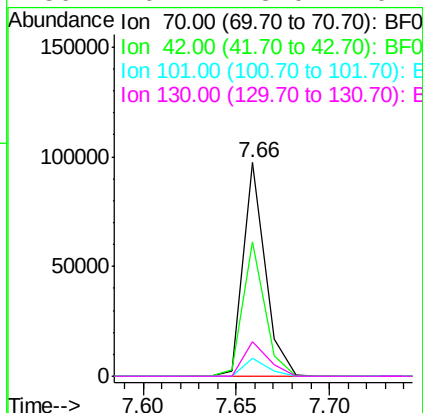
#19  
n-Nitroso-di-n-propylamine  
Concen: 28.55 ng  
RT: 7.66 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

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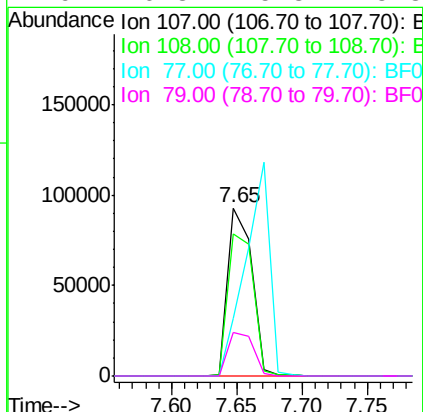
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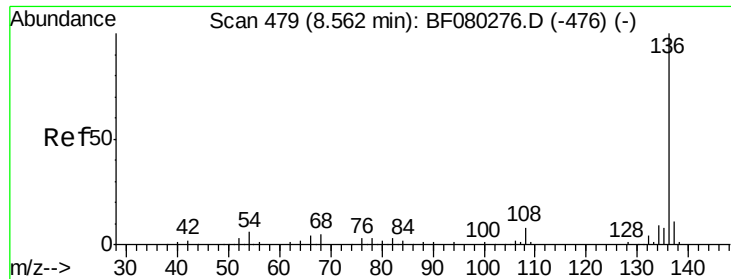
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 63.0 | 49.8  | 74.8  |       |
| 101     | 8.4  | 6.8   | 10.2  |       |
| 130     | 16.1 | 13.0  | 19.4  |       |



#20  
3+4-Methylphenols  
Concen: 30.22 ng  
RT: 7.65 min Scan# 399  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 85.0 | 64.9  | 104.9 |       |
| 77      | 34.4 | 12.9  | 52.9  |       |
| 79      | 26.3 | 5.8   | 45.8  |       |





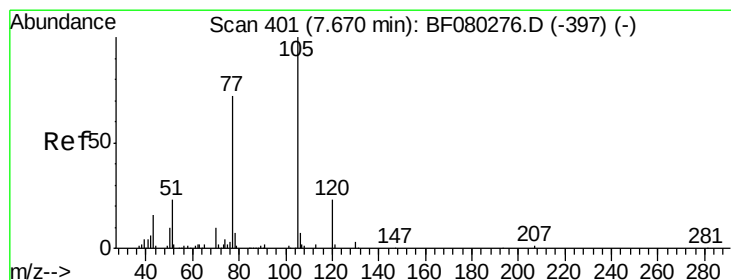
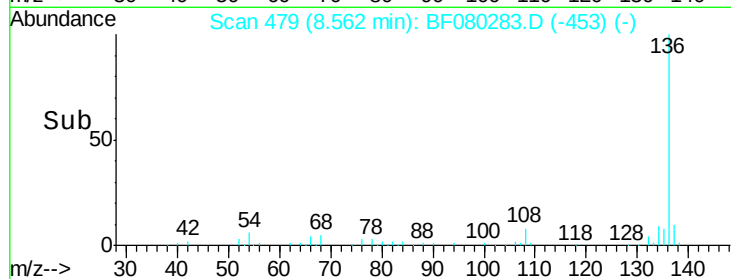
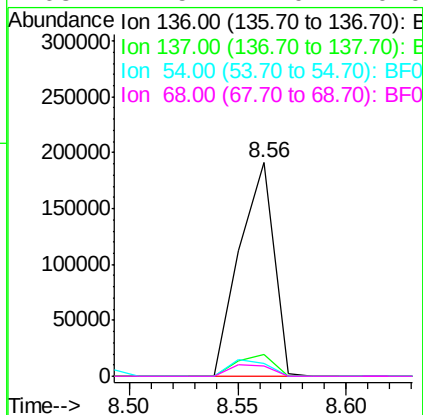
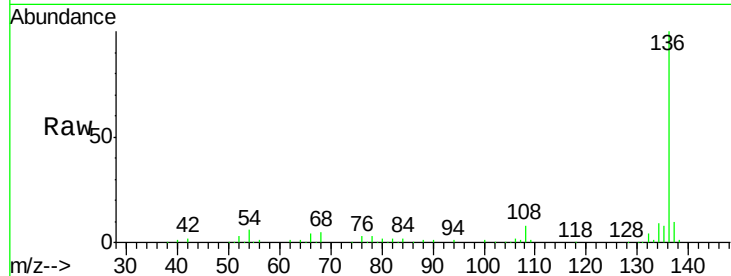
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.56 min Scan# 479  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 209199 |       |       |
| 137     | 10.5  | 8.4    | 12.6  |       |
| 54      | 6.0   | 4.9    | 7.3   |       |
| 68      | 4.5   | 4.0    | 6.0   |       |

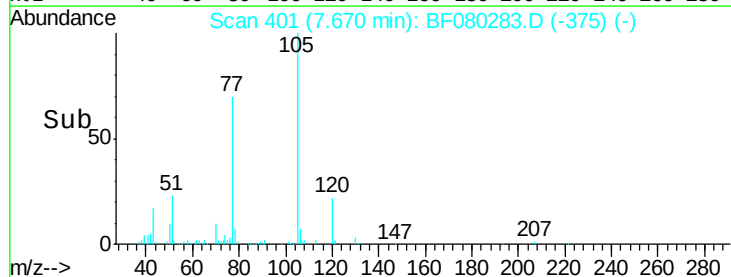
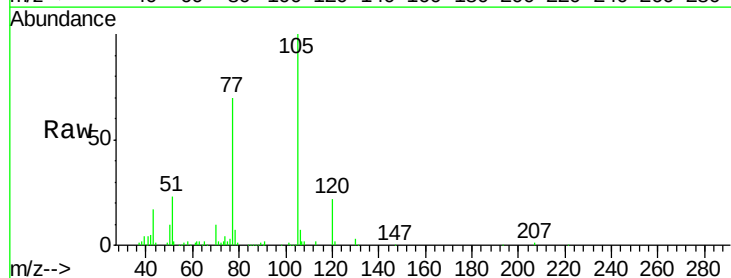
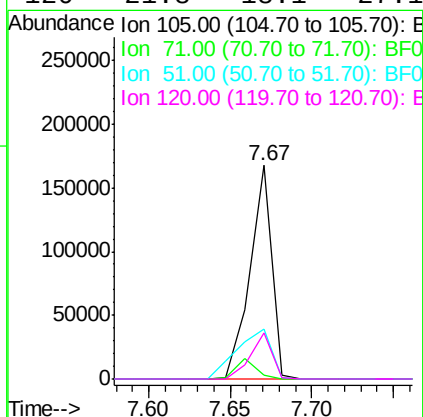
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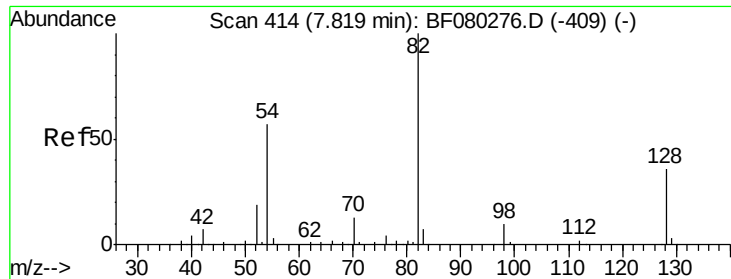
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#22  
Acetophenone  
Concen: 31.81 ng  
RT: 7.67 min Scan# 401  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 155498 |       |       |
| 71      | 1.6   | 1.4    | 2.0   |       |
| 51      | 23.4  | 18.5   | 27.7  |       |
| 120     | 21.8  | 18.1   | 27.1  |       |





#23

Nitrobenzene-d5

Concen: 61.90 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

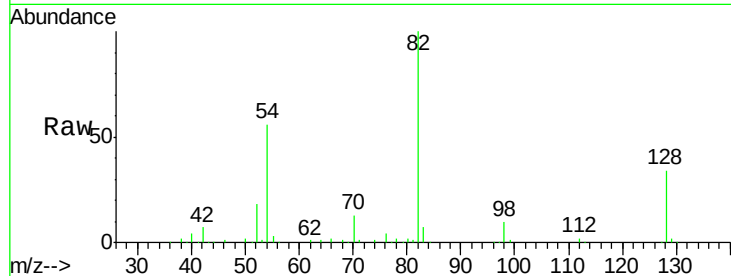
ClientSampleId :

PB84307BS

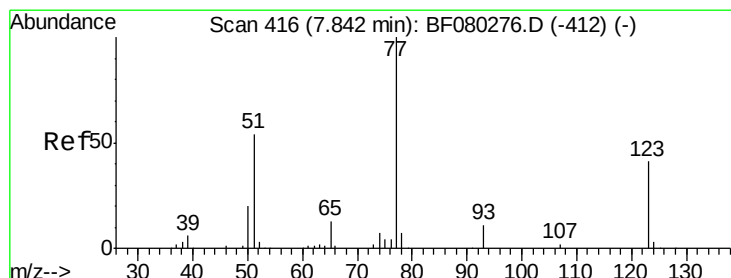
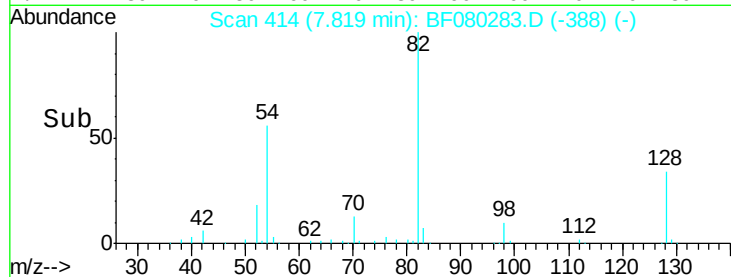
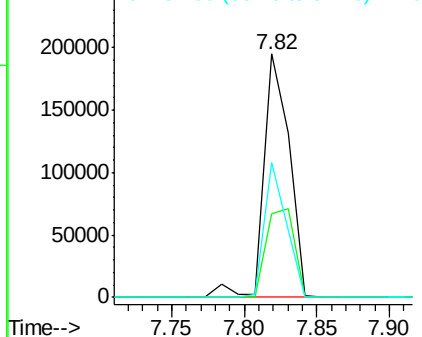
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 235187 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.3  | 29.0  | 43.4   |
| 54        | 55.5  | 45.3  | 67.9   |

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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.54 ng

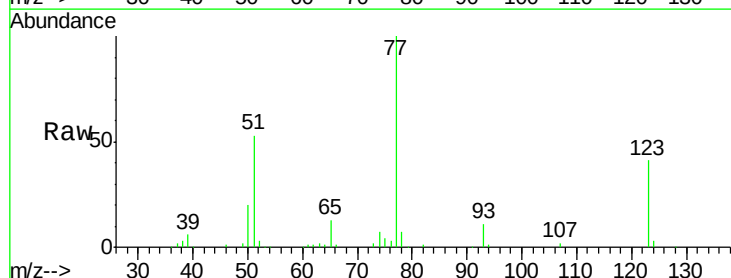
RT: 7.84 min Scan# 416

Delta R.T. 0.00 min

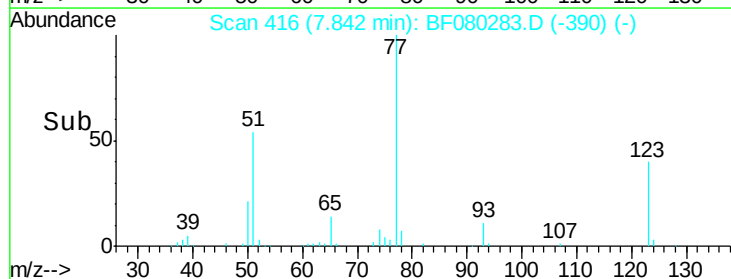
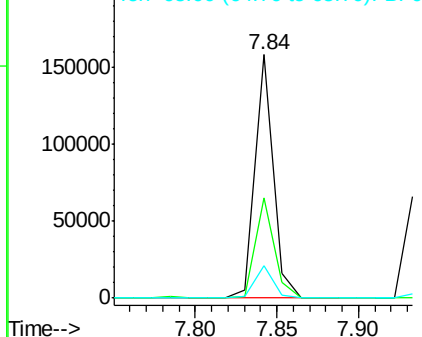
Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

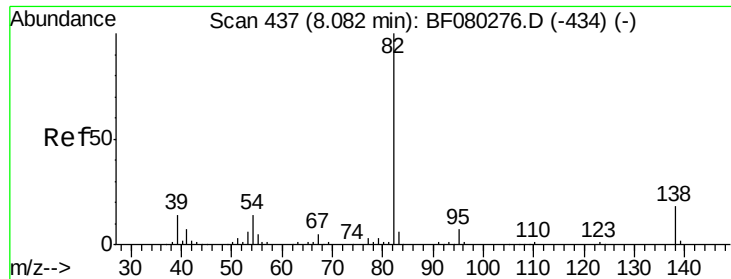
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 124260 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 41.0  | 33.0  | 49.6   |
| 65        | 13.2  | 10.6  | 15.8   |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0







#25

Isophorone

Concen: 30.67 ng

RT: 8.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

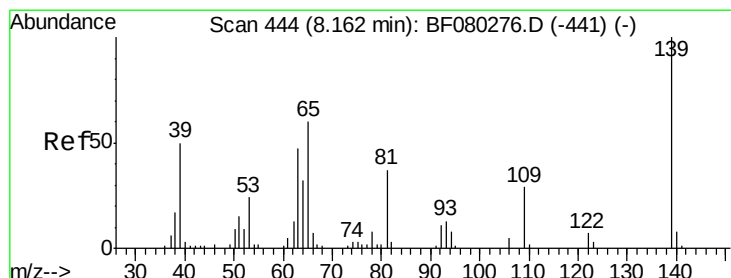
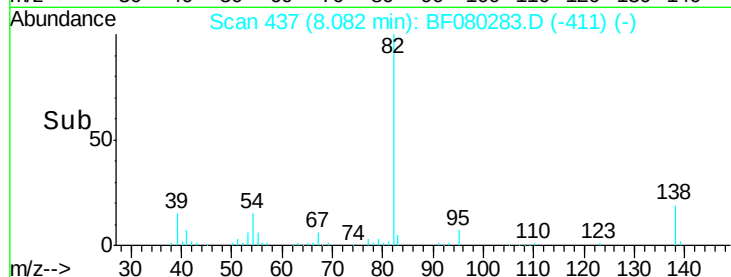
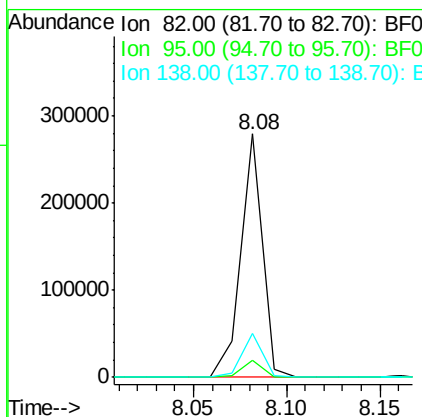
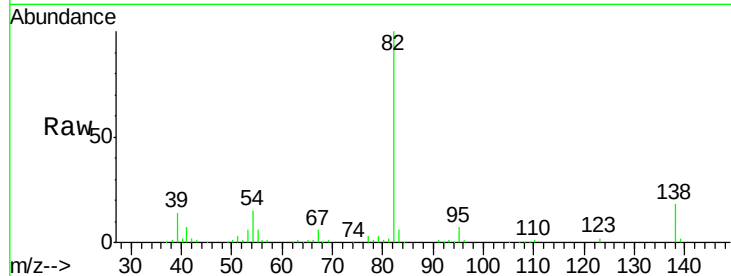
ClientSampleId :

PB84307BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 226502 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.9  | 5.3   | 7.9    |
| 138       | 18.0 | 14.4  | 21.6   |

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#26

2-Nitrophenol

Concen: 32.07 ng

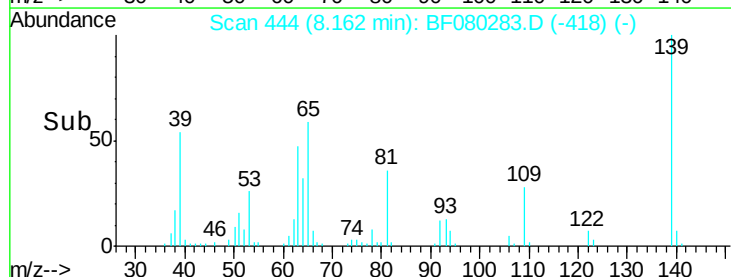
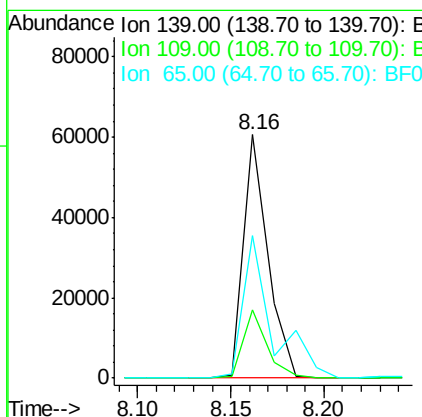
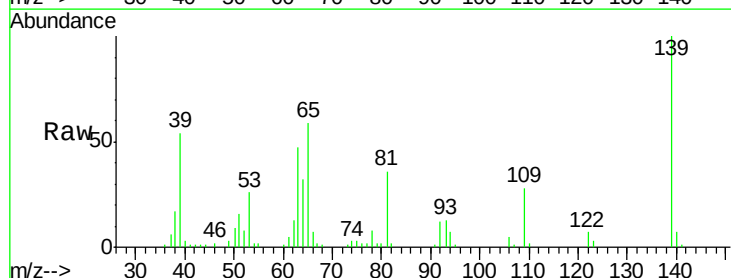
RT: 8.16 min Scan# 444

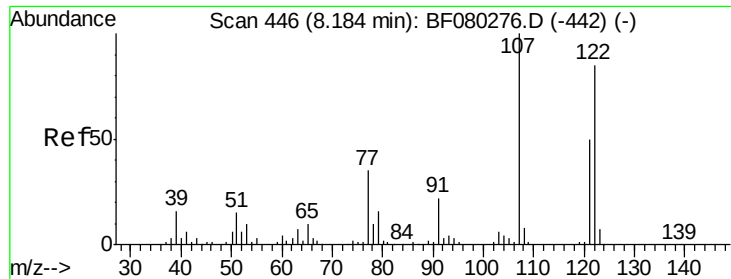
Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 55170 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 28.3 | 23.1  | 34.7  |
| 65        | 58.5 | 47.6  | 71.4  |





#27

2,4-Dimethylphenol

Concen: 32.48 ng

RT: 8.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

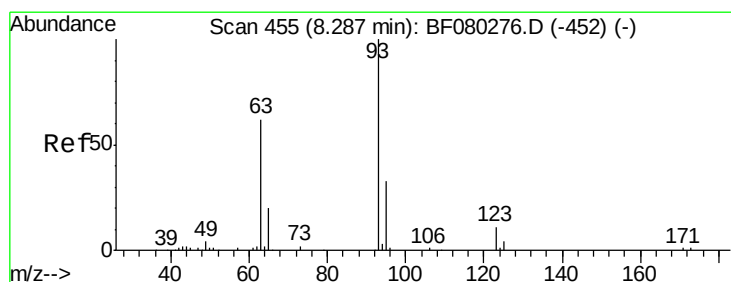
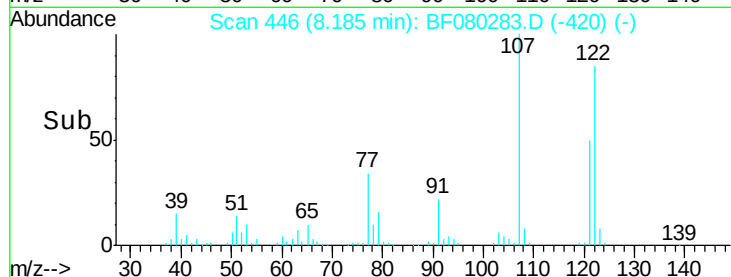
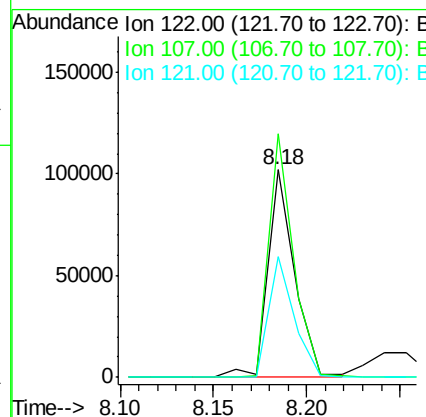
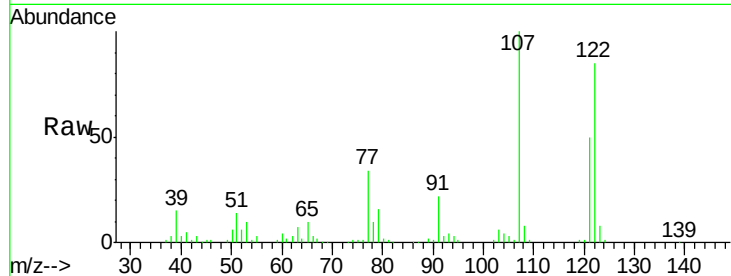
ClientSampleId :

PB84307BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 102573 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 117.2 | 93.7  | 140.5  |
| 121       | 58.2  | 46.9  | 70.3   |

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#28

bis(2-Chloroethoxy)methane

Concen: 31.32 ng

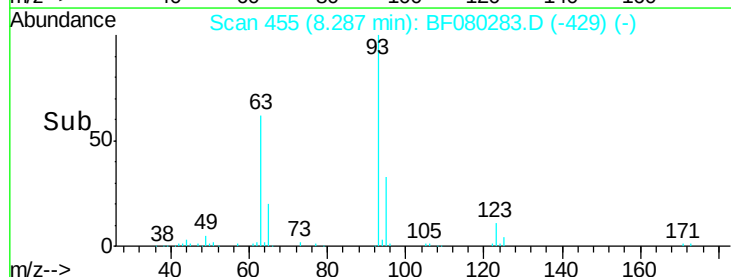
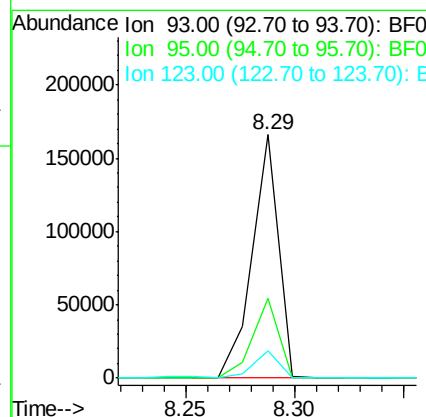
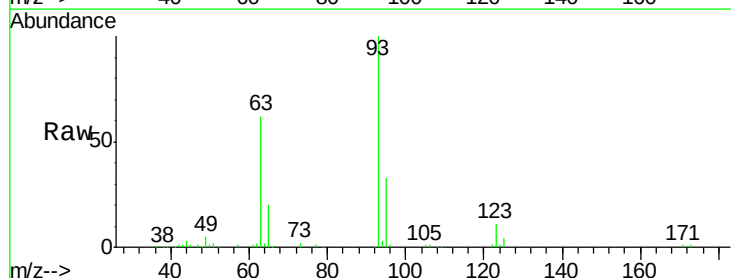
RT: 8.29 min Scan# 455

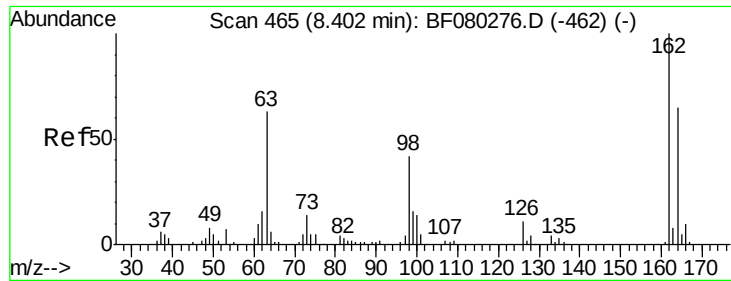
Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 138799 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.0  | 26.6  | 39.8   |
| 123       | 11.3  | 9.2   | 13.8   |





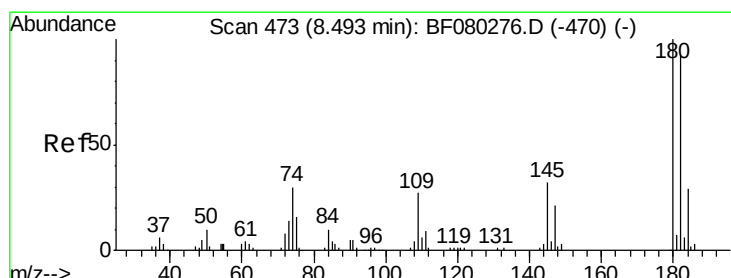
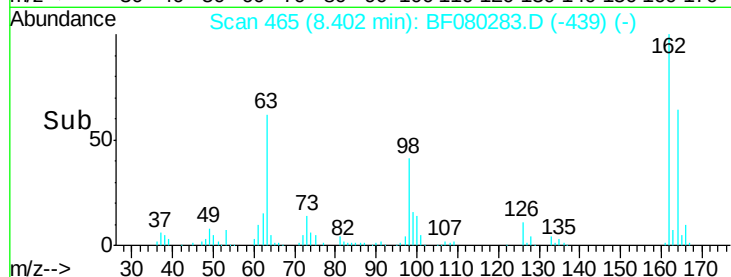
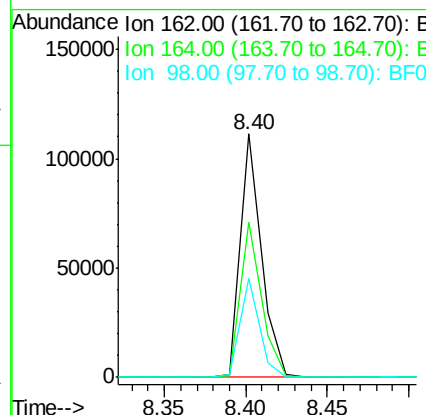
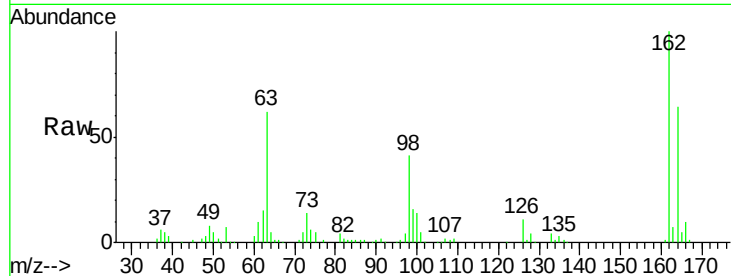
#29  
 2,4-Dichlorophenol  
 Concen: 33.88 ng  
 RT: 8.40 min Scan# 465  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 98837 |       |       |
| 164     | 63.7  | 44.6  | 84.6  |       |
| 98      | 40.7  | 21.7  | 61.7  |       |

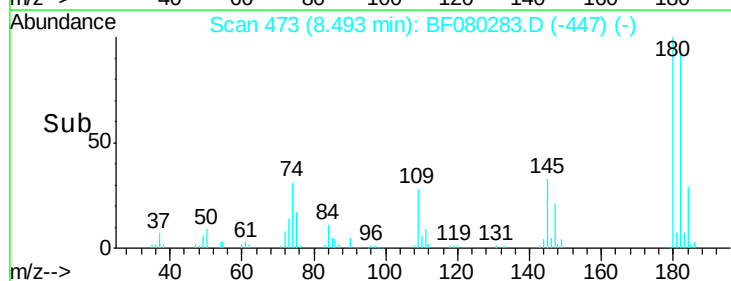
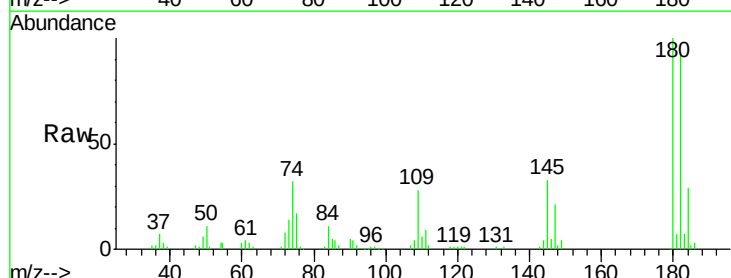
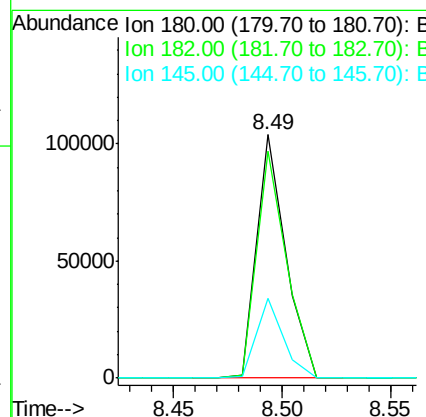
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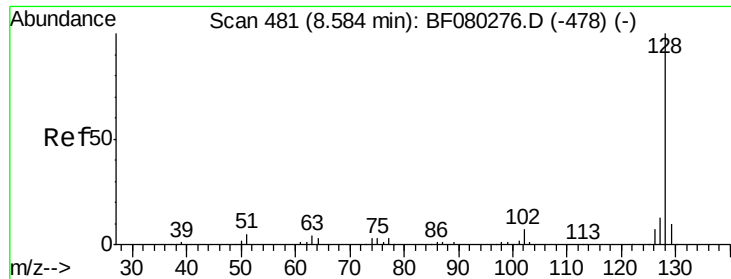
apatel  
 7/2/2015 2:39:44 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 28.36 ng  
 RT: 8.49 min Scan# 473  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 96510 |       |       |
| 182     | 93.3  | 73.8  | 110.6 |       |
| 145     | 33.0  | 25.6  | 38.4  |       |





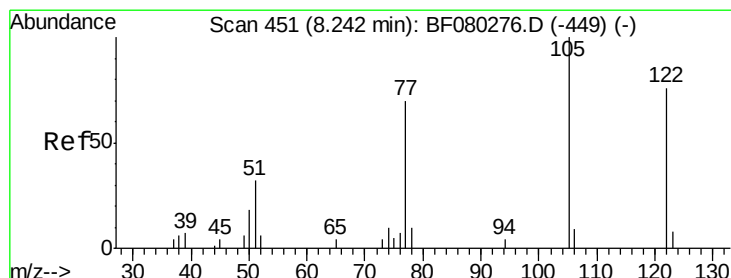
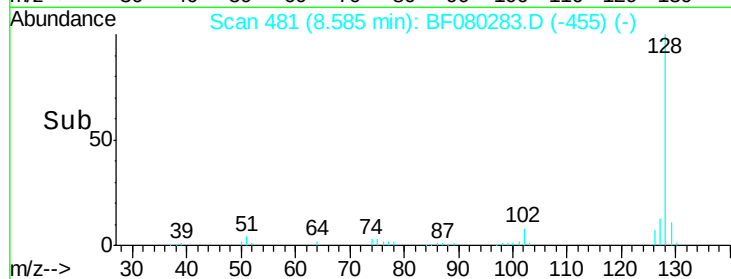
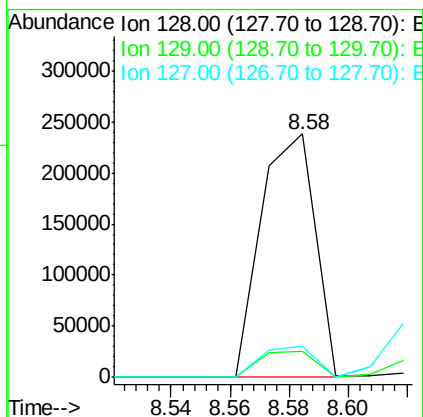
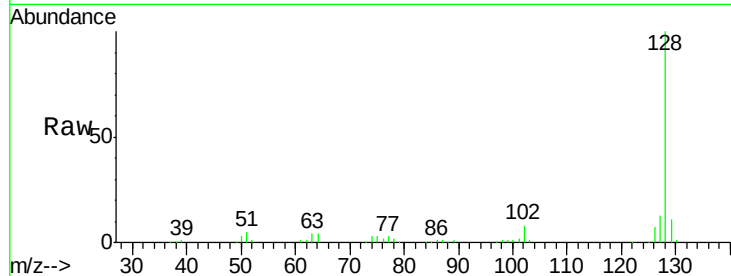
#31  
Naphthalene  
Concen: 28.77 ng m  
RT: 8.58 min Scan# 481  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 306631 |       |       |
| 129     | 10.5  |        | 8.2   | 12.4  |
| 127     | 12.8  |        | 10.4  | 15.6  |

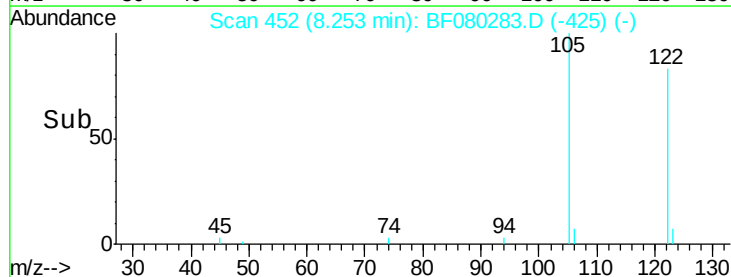
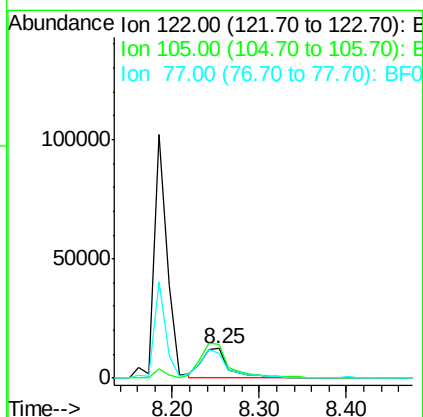
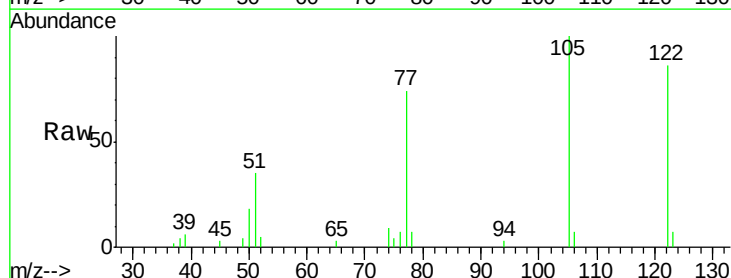
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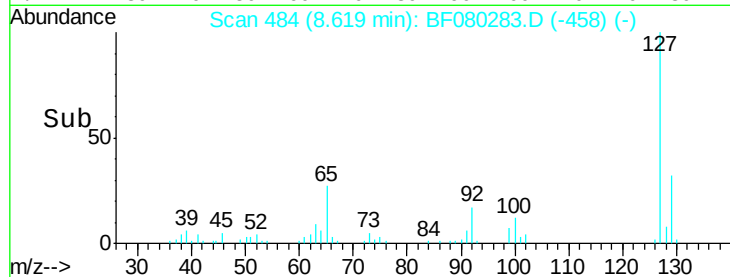
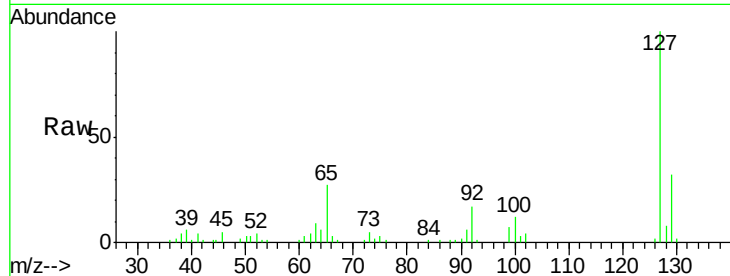
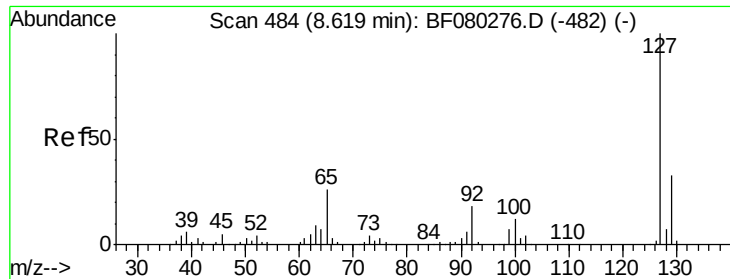
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#32  
Benzoic acid  
Concen: 39.38 ng  
RT: 8.25 min Scan# 452  
Delta R.T. 0.01 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

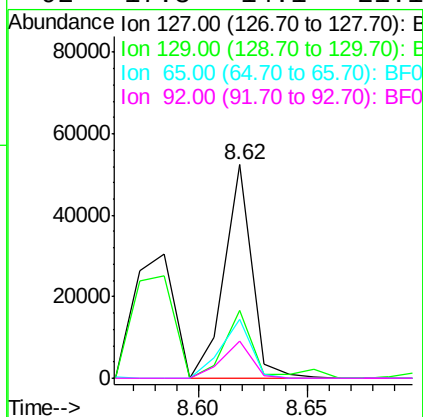
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 28461 |       |       |
| 105     | 115.9 |       | 103.3 | 143.3 |
| 77      | 85.3  |       | 71.5  | 111.5 |





#33  
4-Chloroaniline  
Concen: 10.21 ng m  
RT: 8.62 min Scan# 484  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

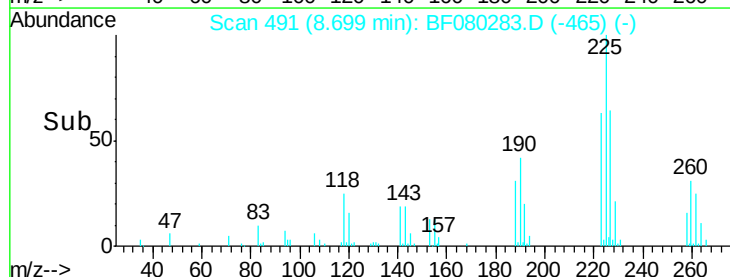
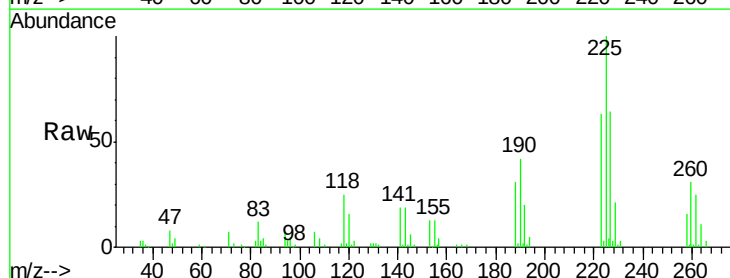
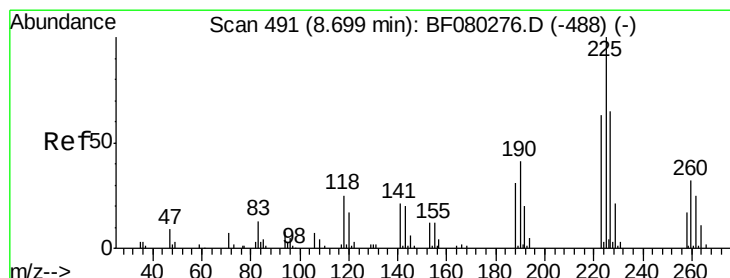
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 46168 |       |       |
| 129     | 31.8  | 26.4  | 39.6  |       |
| 65      | 27.3  | 21.0  | 31.6  |       |
| 92      | 17.3  | 14.1  | 21.1  |       |



Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

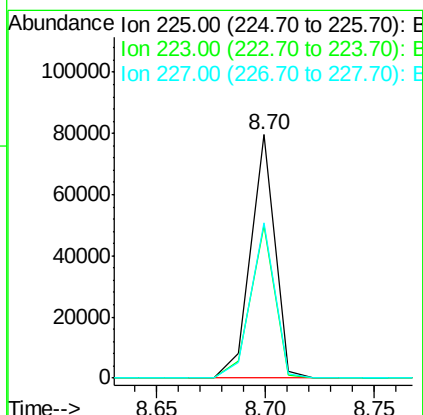
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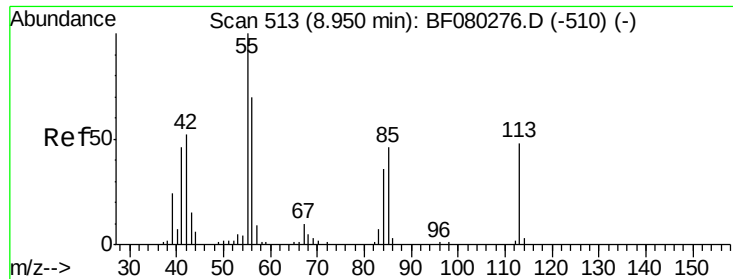
apatel  
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#34  
Hexachlorobutadiene  
Concen: 28.84 ng  
RT: 8.70 min Scan# 491  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 61828 |       |       |
| 223     | 62.5  | 50.5  | 75.7  |       |
| 227     | 64.0  | 51.8  | 77.8  |       |





#35

Caprolactam

Concen: 31.07 ng

RT: 8.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF080283.D

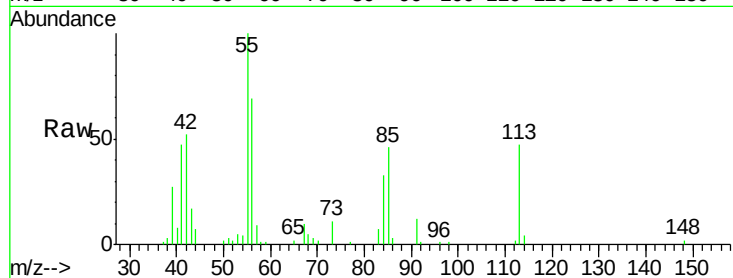
Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

ClientSampleId :

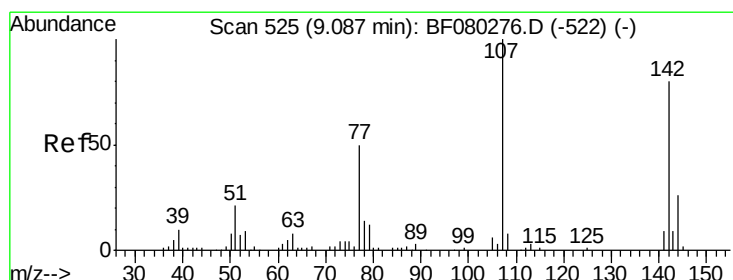
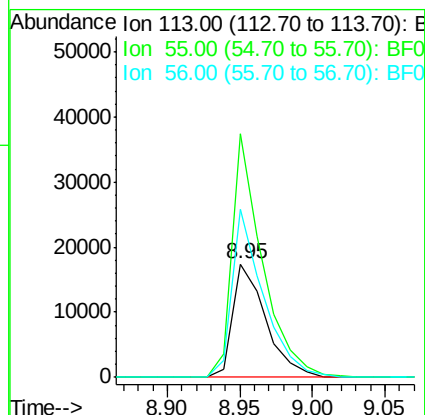
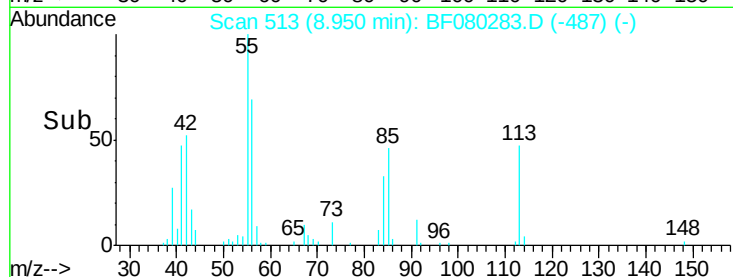
PB84307BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 27499 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 214.2 | 189.7 | 229.7 |
| 56        | 147.9 | 127.2 | 167.2 |

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#36

4-Chloro-3-methylphenol

Concen: 33.60 ng

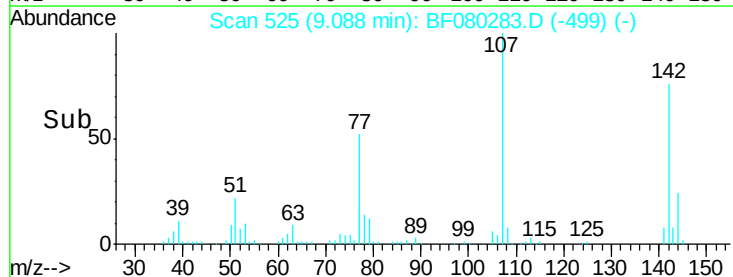
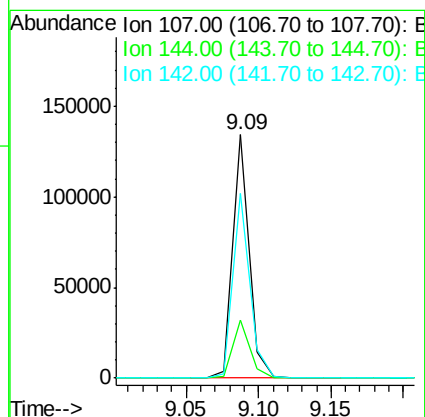
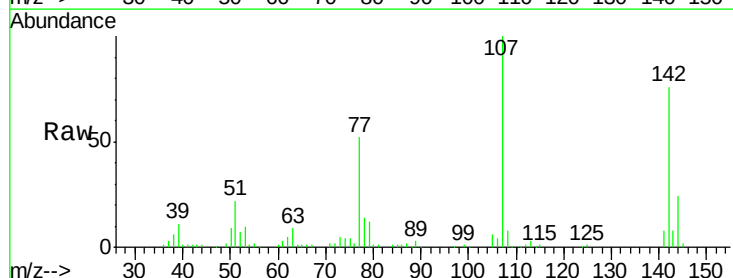
RT: 9.09 min Scan# 525

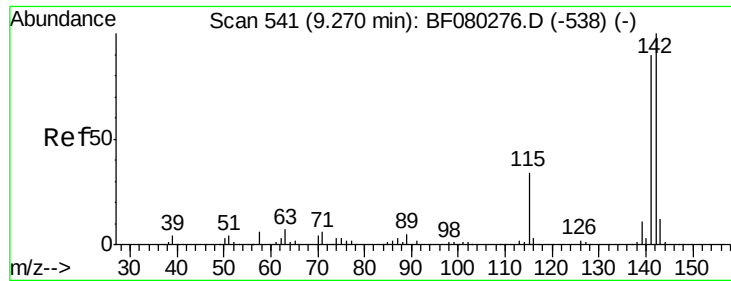
Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 106122 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 23.8  | 20.4  | 30.6   |
| 142       | 76.0  | 63.8  | 95.6   |





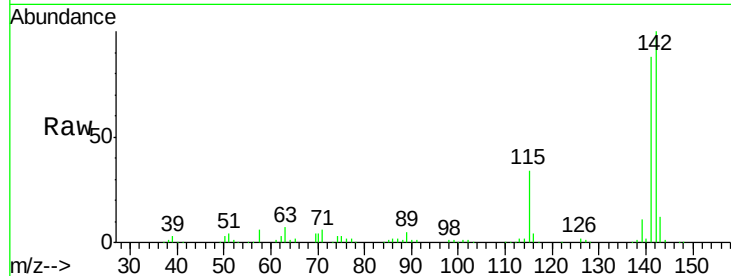
#37  
 2-Methylnaphthalene  
 Concen: 30.76 ng  
 RT: 9.27 min Scan# 541  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

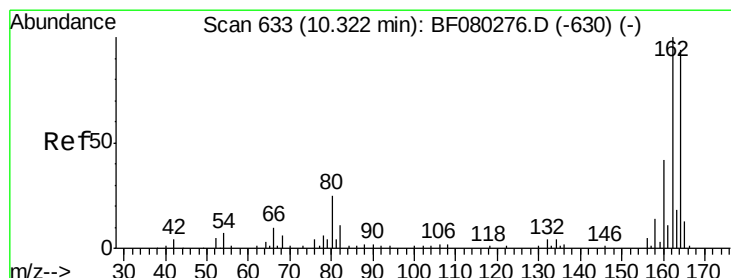
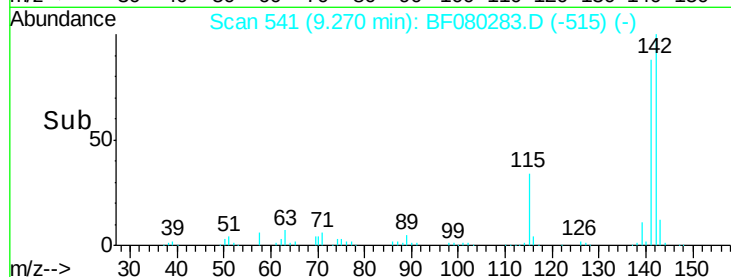
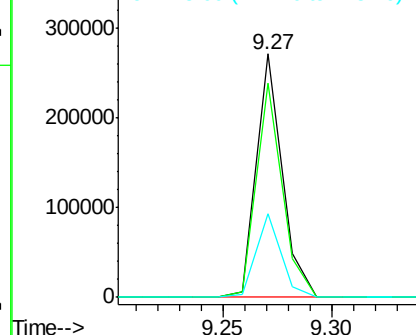
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 71.8  | 107.6 |
| 115     | 34.2  | 27.4  | 41.2  |

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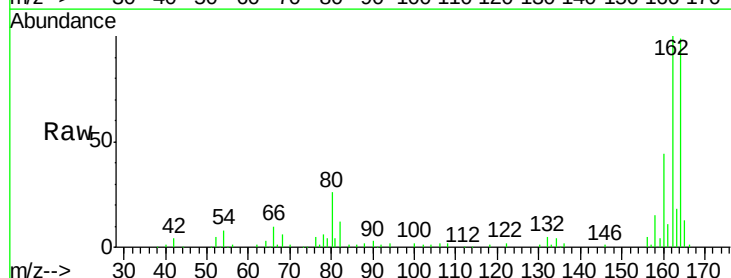


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

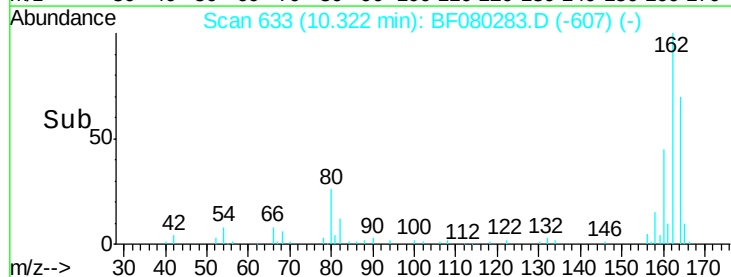
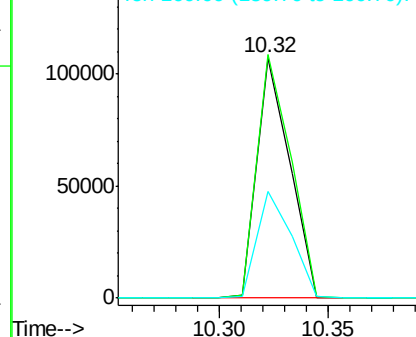


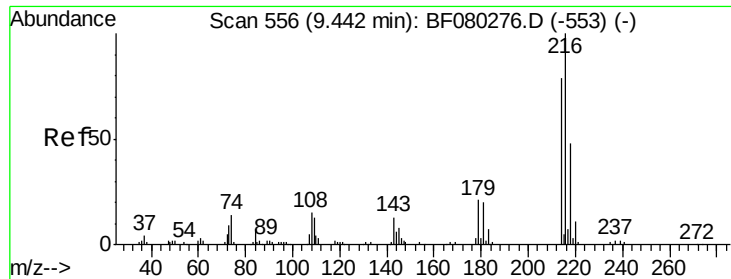
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.32 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 84.8  | 127.2 |
| 160     | 44.5  | 35.8  | 53.8  |



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.86 ng

RT: 9.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

ClientSampleId :

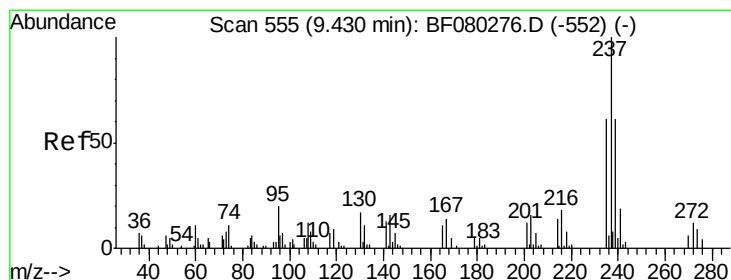
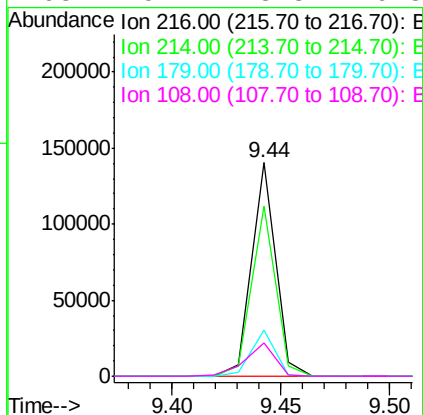
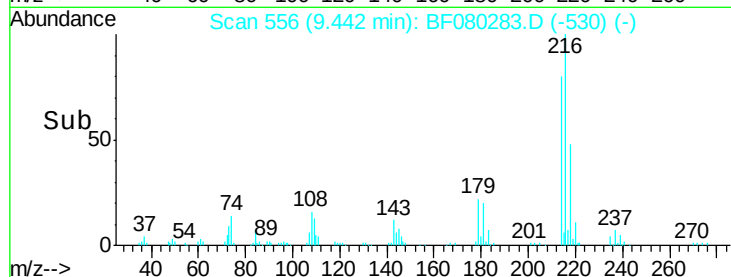
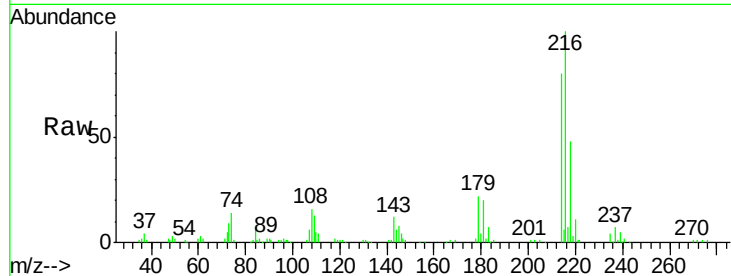
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 107965 |       |       |
| 214     | 79.7  | 63.0   | 94.6  |       |
| 179     | 21.5  | 16.8   | 25.2  |       |
| 108     | 19.1  | 13.8   | 20.8  |       |



#40

Hexachlorocyclopentadiene

Concen: 62.56 ng

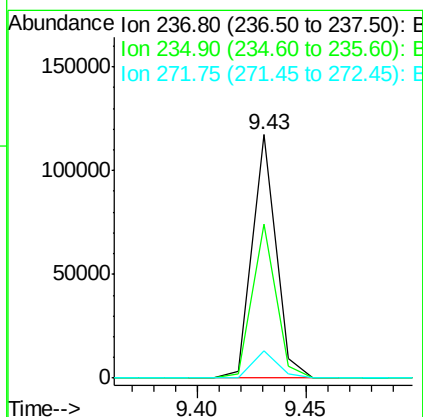
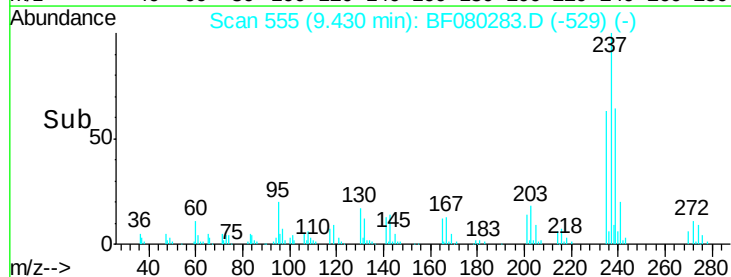
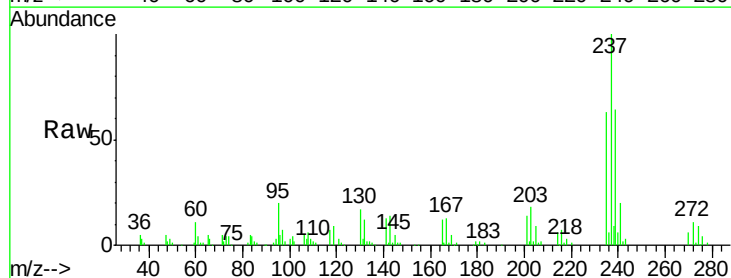
RT: 9.43 min Scan# 555

Delta R.T. 0.00 min

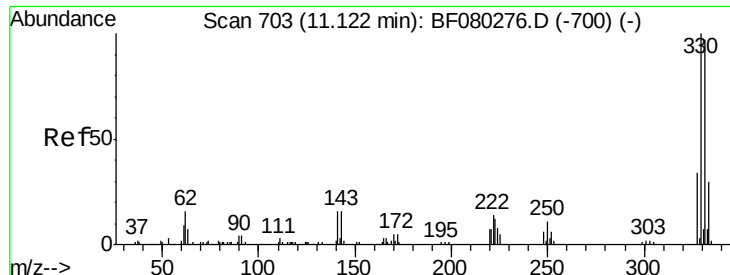
Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 89519 |       |       |
| 235     | 63.1  | 41.3  | 81.3  |       |
| 272     | 11.5  | 0.0   | 31.8  |       |







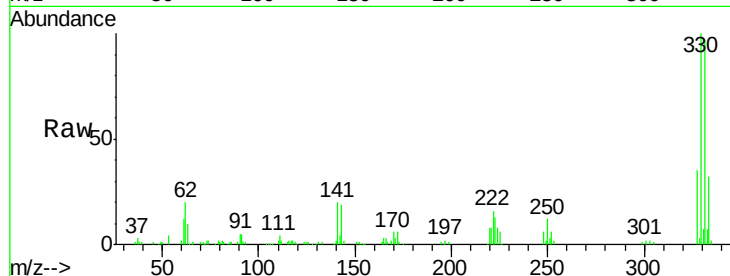
#41  
 2,4,6-Tribromophenol  
 Concen: 99.81 ng  
 RT: 11.12 min Scan# 703  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

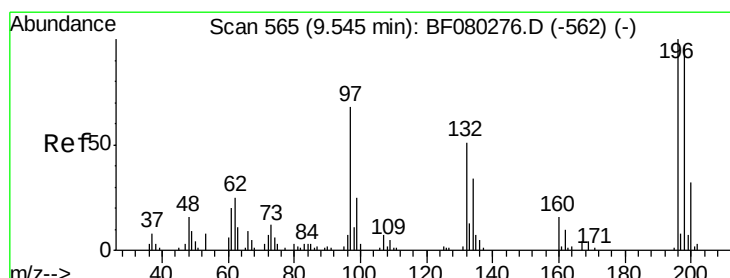
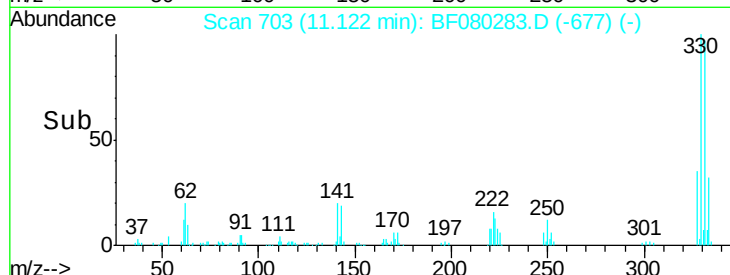
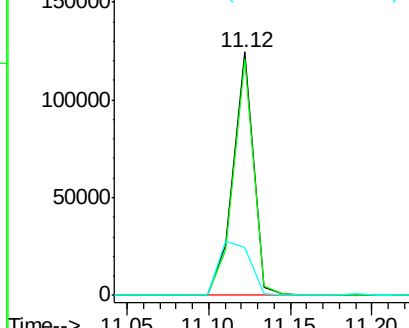
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 106837 |       |       |
| 332     | 95.9  | 77.4   | 116.2 |       |
| 141     | 34.1  | 28.0   | 42.0  |       |

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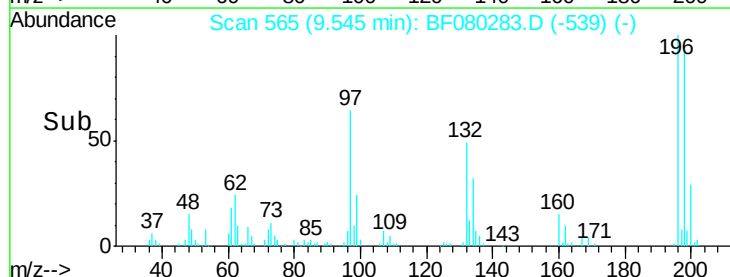
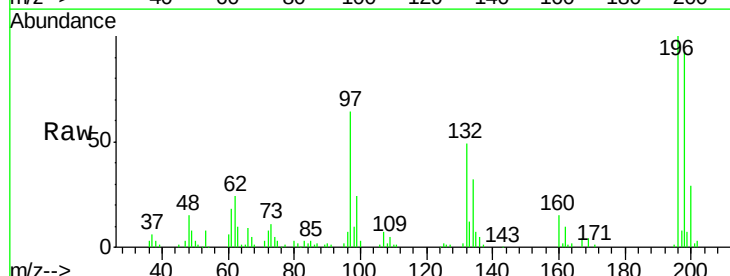
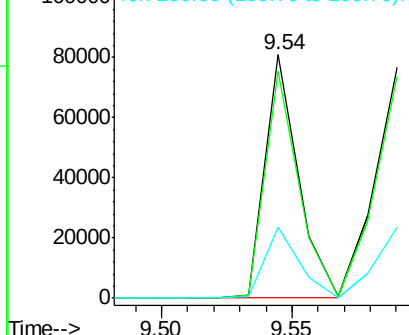
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

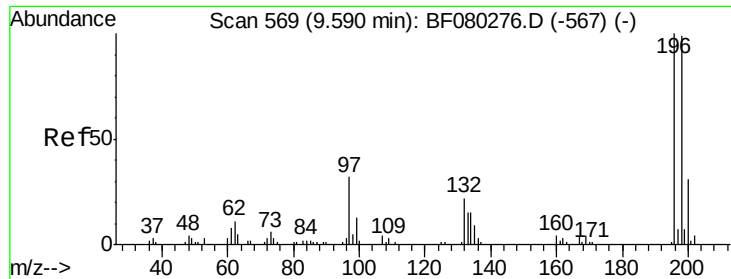


#42  
 2,4,6-Trichlorophenol  
 Concen: 29.97 ng  
 RT: 9.54 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 70976 |       |       |
| 198     | 93.0  | 77.7  | 116.5 |       |
| 200     | 29.3  | 25.6  | 38.4  |       |

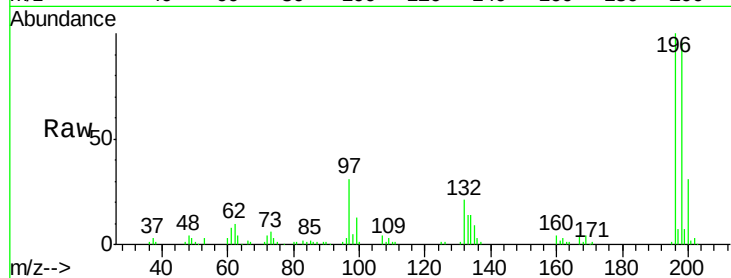
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





#43  
 2,4,5-Trichlorophenol  
 Concen: 29.02 ng  
 RT: 9.59 min Scan# 569  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

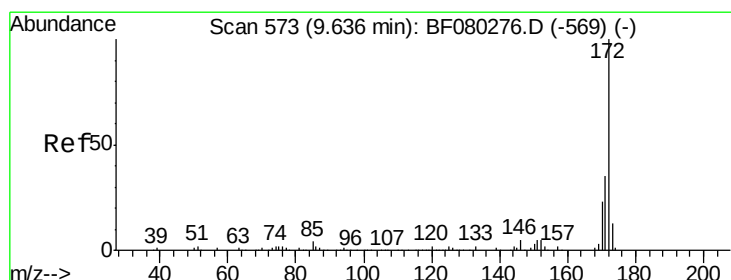
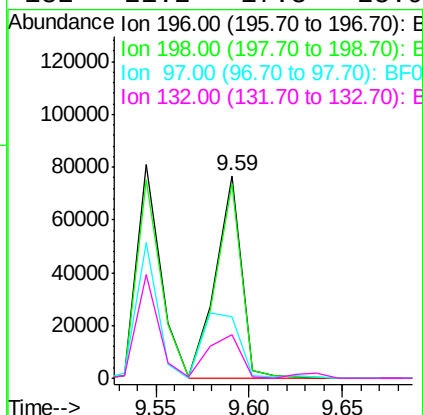
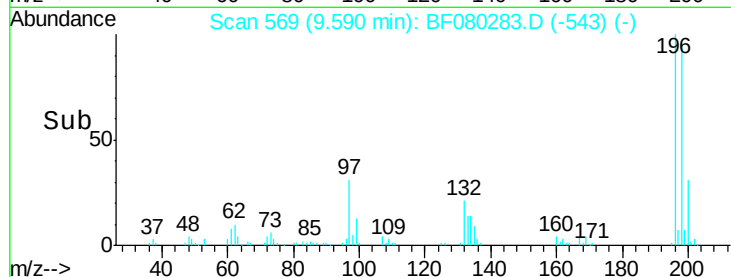
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS



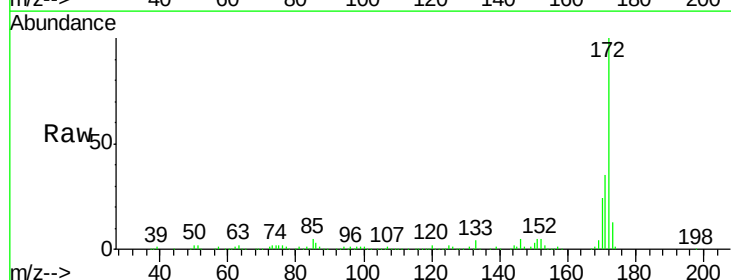
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 74044 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 96.1  | 79.4  | 119.2 |
| 97        | 30.6  | 25.9  | 38.9  |
| 132       | 21.2  | 17.3  | 25.9  |

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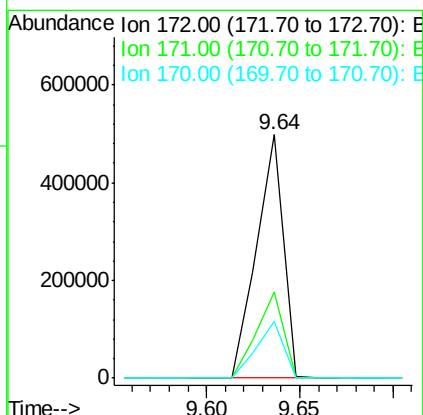
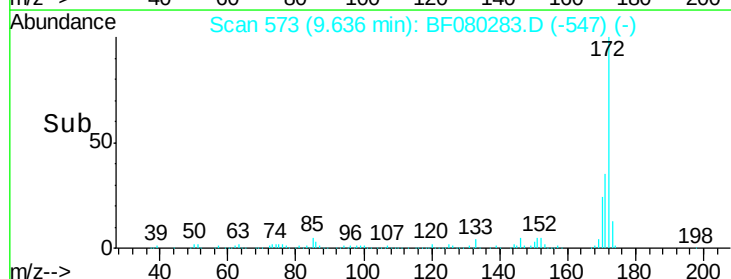
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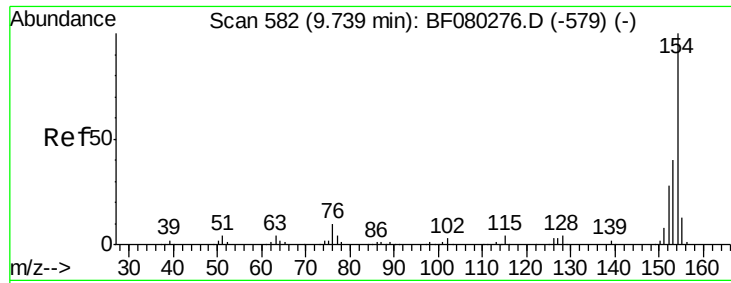


#44  
 2-Fluorobiphenyl  
 Concen: 63.01 ng  
 RT: 9.64 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 492166 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.4  | 28.1  | 42.1   |
| 170       | 23.5  | 18.6  | 28.0   |





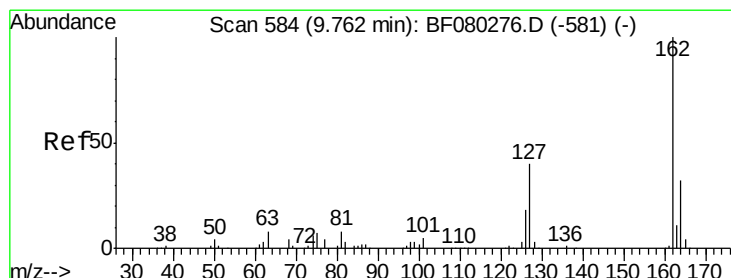
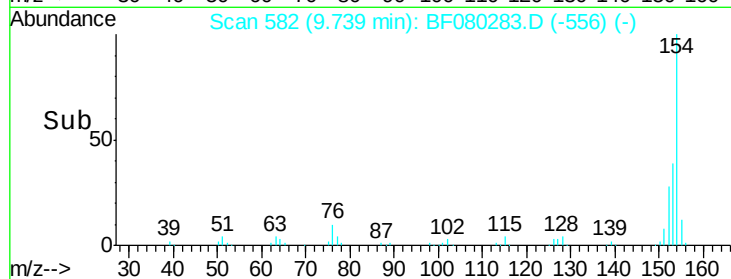
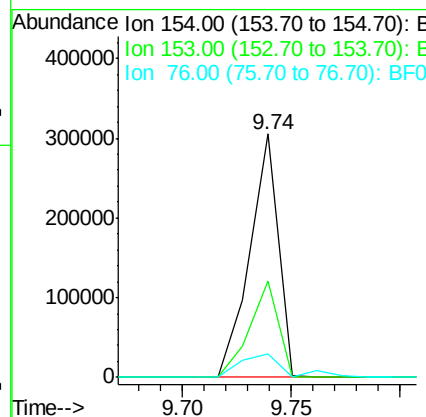
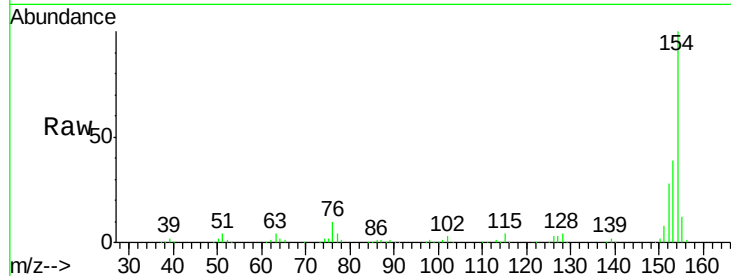
#45  
 1,1'-Biphenyl  
 Concen: 29.09 ng  
 RT: 9.74 min Scan# 582  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 39.4  | 20.3       | 60.3  |
| 76      | 9.8   | 0.0        | 30.3  |

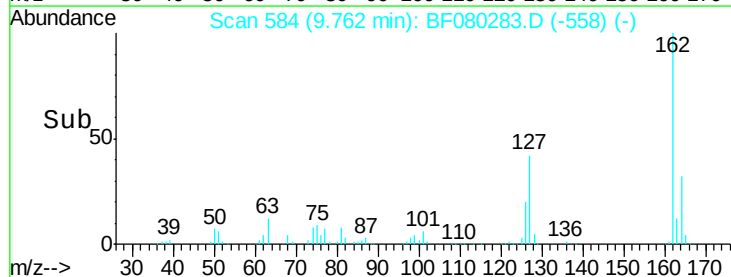
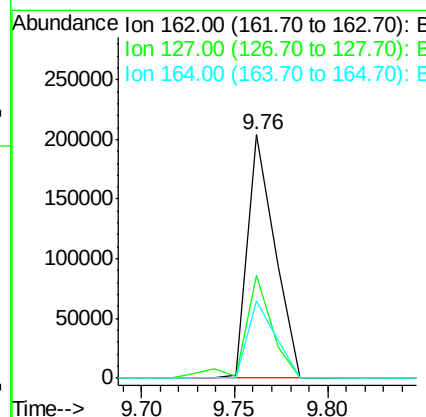
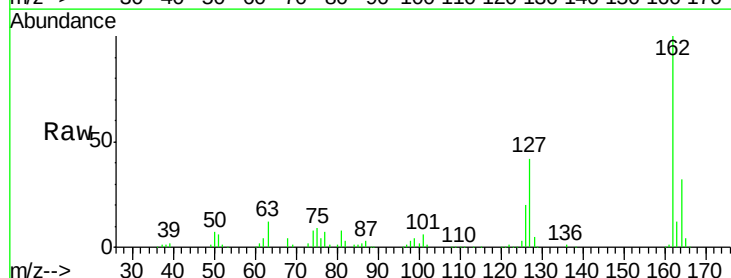
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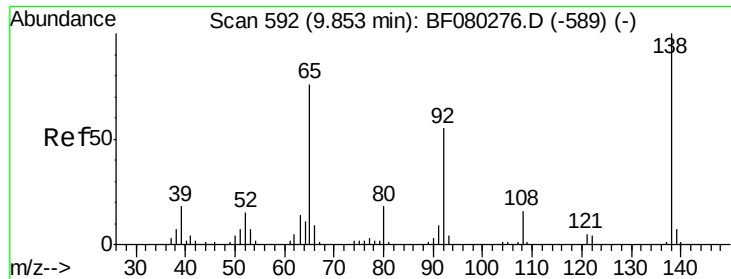
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#46  
 2-Chloronaphthalene  
 Concen: 27.83 ng  
 RT: 9.76 min Scan# 584  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 42.3  | 33.4       | 50.0  |
| 164     | 31.8  | 25.3       | 37.9  |





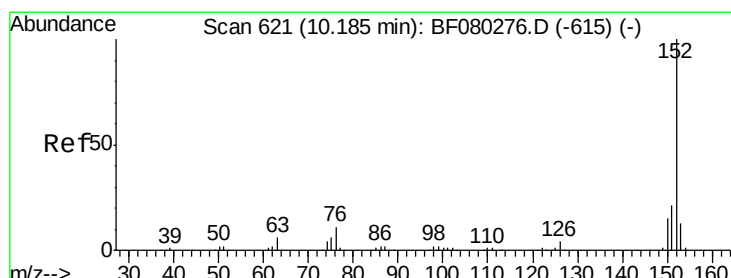
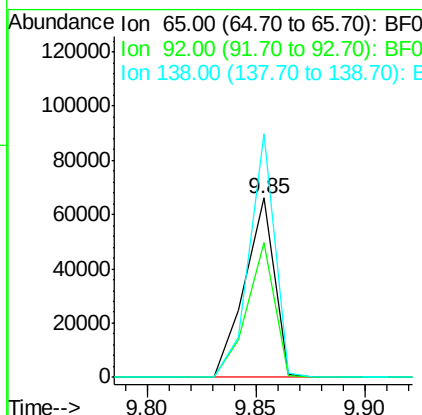
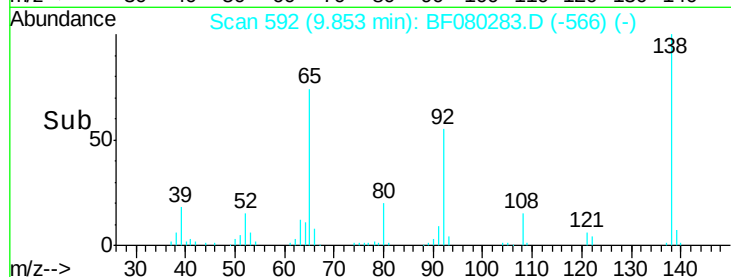
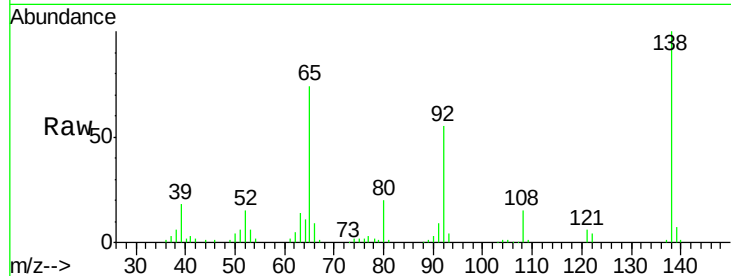
#47  
2-Nitroaniline  
Concen: 29.55 ng  
RT: 9.85 min Scan# 592  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.1  | 58.0  | 87.0  |
| 138     | 135.9 | 104.8 | 157.2 |

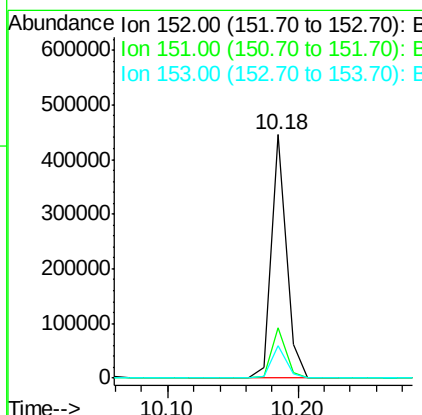
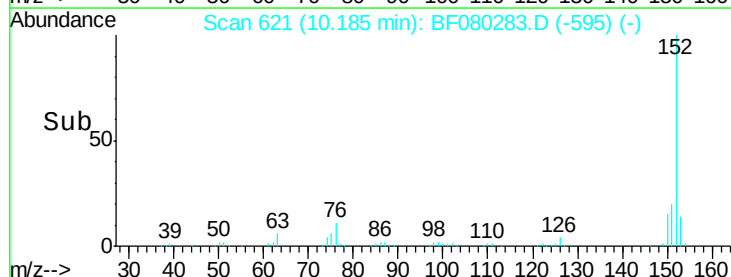
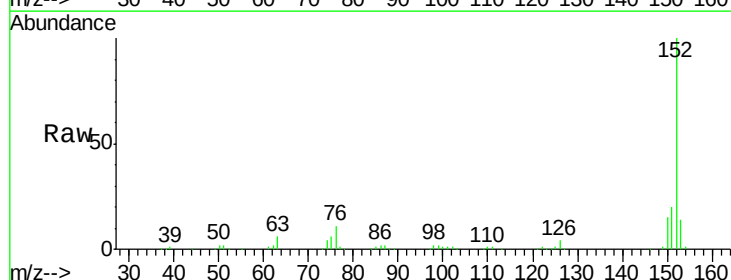
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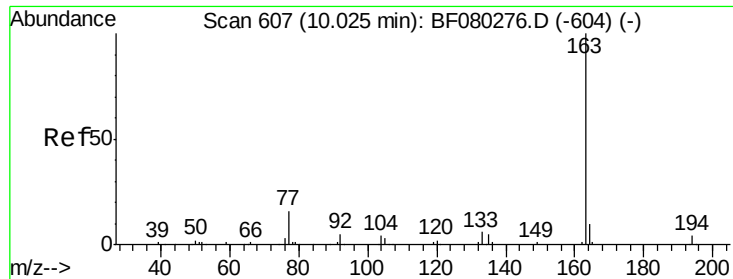
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#48  
Acenaphthylene  
Concen: 28.17 ng  
RT: 10.18 min Scan# 621  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.7  | 25.1  |
| 153     | 13.5  | 10.7  | 16.1  |





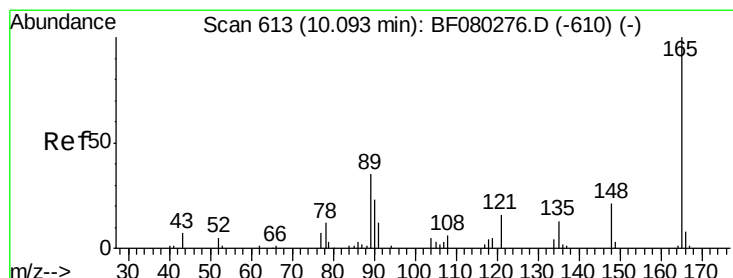
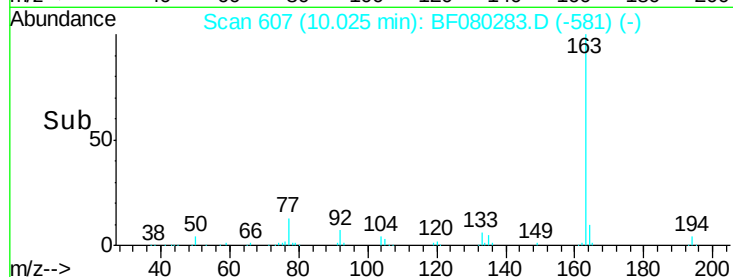
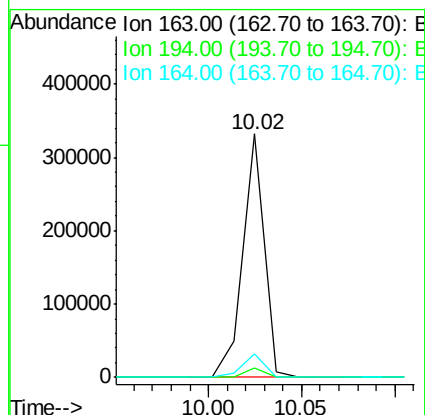
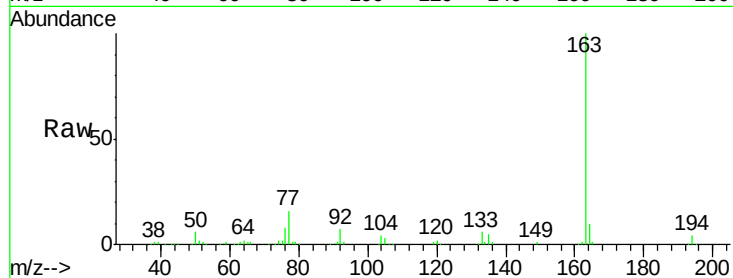
#49  
Dimethylphthalate  
Concen: 31.15 ng  
RT: 10.02 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.8   | 3.0        | 4.4        |
| 164     | 9.9   | 7.9        | 11.9       |

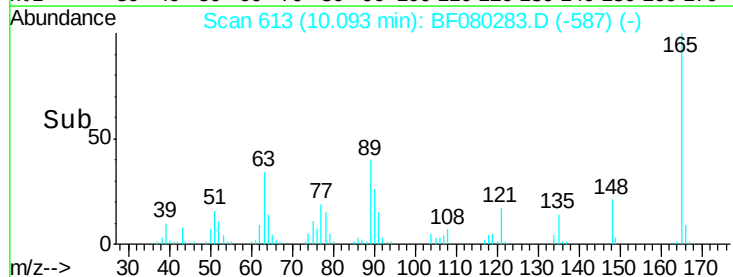
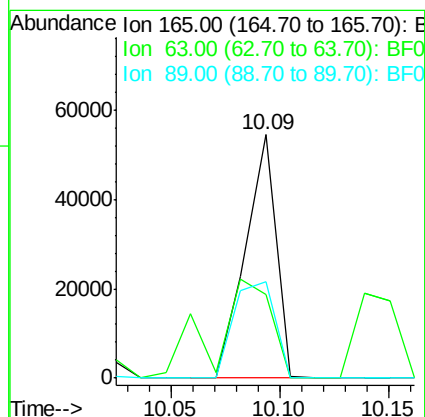
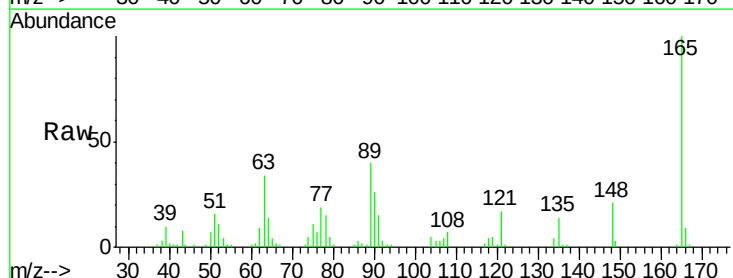
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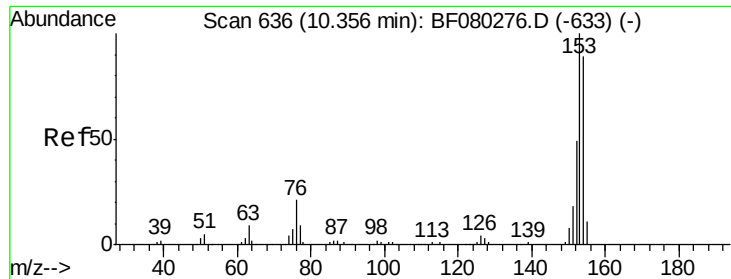
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#50  
2,6-Dinitrotoluene  
Concen: 30.29 ng  
RT: 10.09 min Scan# 613  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 34.1  | 23.4       | 35.0       |
| 89      | 39.8  | 27.7       | 41.5       |





#51

Acenaphthene

Concen: 30.00 ng

RT: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

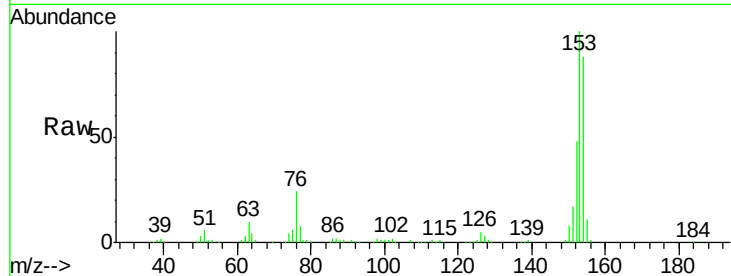
ClientSampleId :

PB84307BS

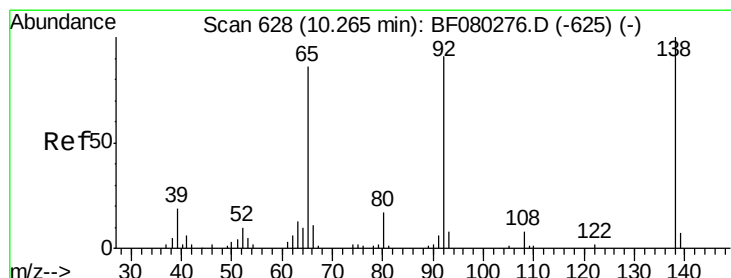
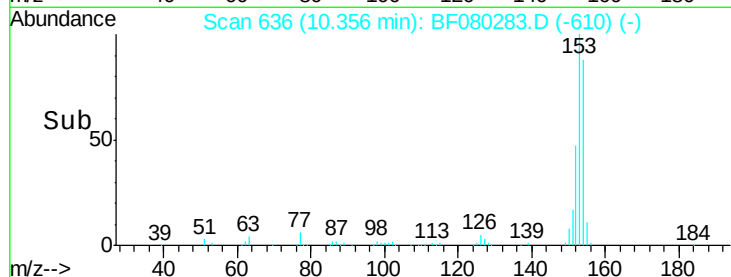
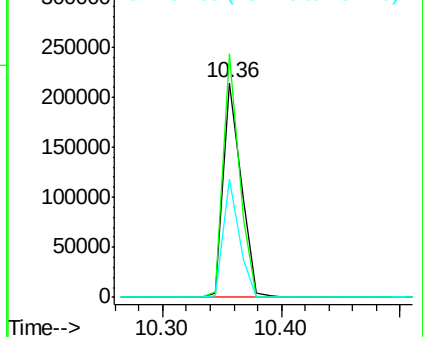
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 221984 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 90.4  | 135.6  |
| 152       | 54.8  | 43.9  | 65.9   |

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



#52

3-Nitroaniline

Concen: 14.73 ng

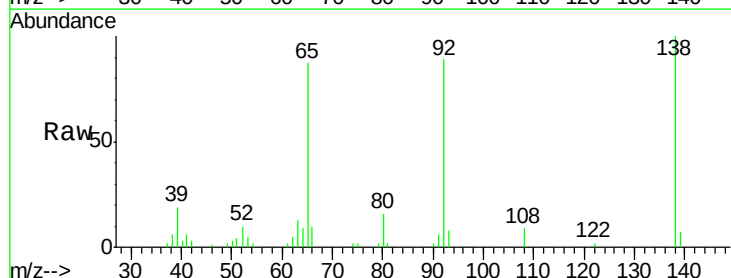
RT: 10.26 min Scan# 628

Delta R.T. 0.00 min

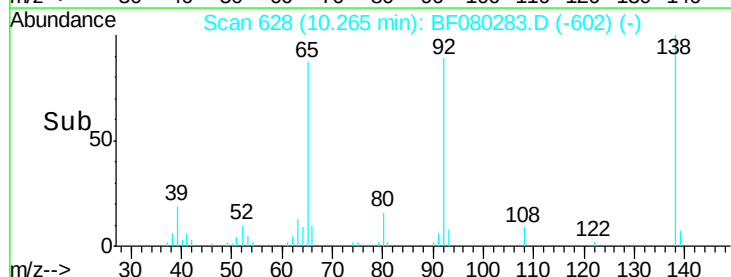
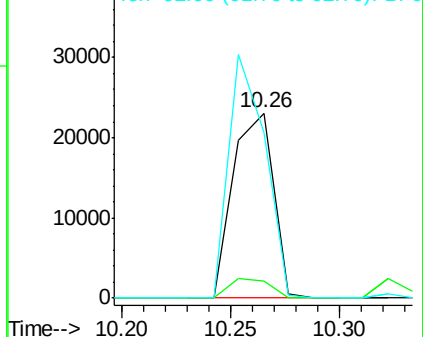
Lab File: BF080283.D

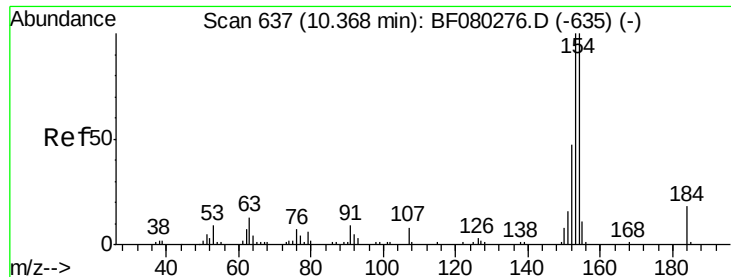
Acq: 1 Jul 2015 21:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 29671 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.0   | 6.7   | 10.1  |
| 92        | 89.3  | 72.6  | 109.0 |



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





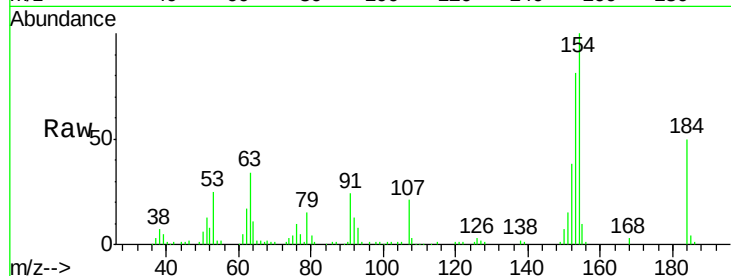
#53  
2,4-Dinitrophenol  
Concen: 67.27 ng  
RT: 10.37 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

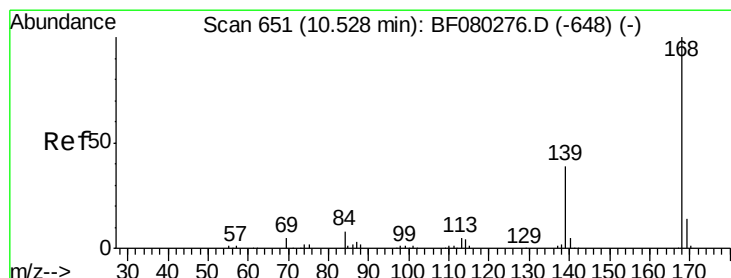
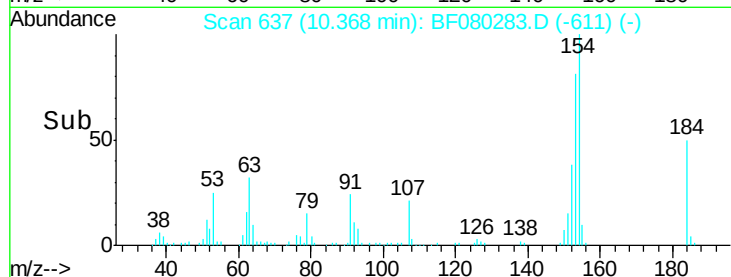
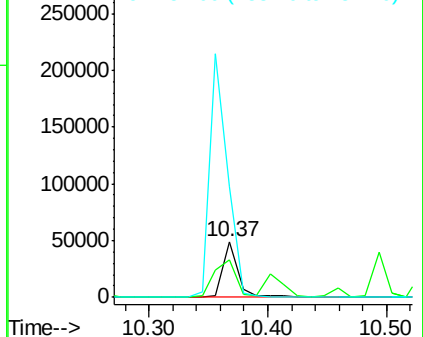
Tgt Ion:184 Resp: 42764  
Ion Ratio Lower Upper  
184 100  
63 67.3 65.0 97.6  
154 199.7 473.1 709.7#

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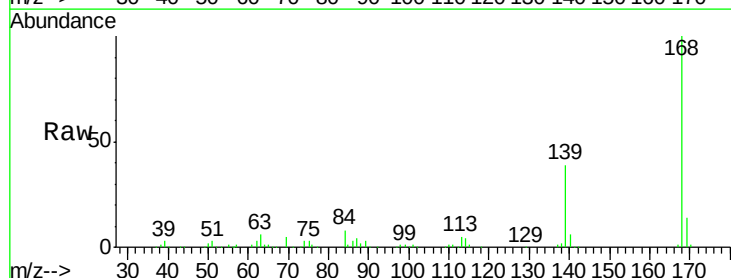


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

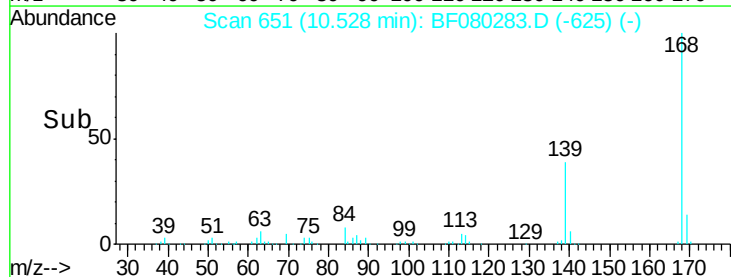
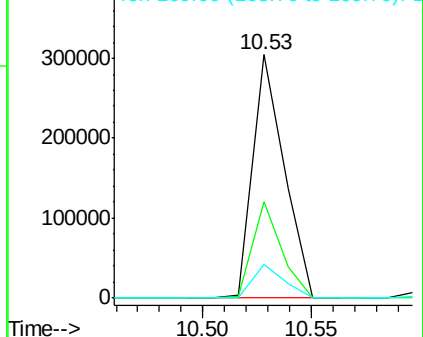


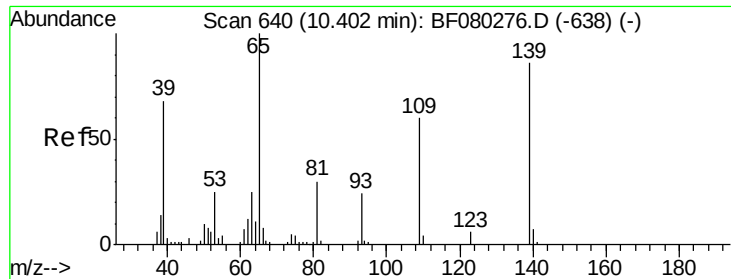
#54  
Dibenzofuran  
Concen: 29.25 ng  
RT: 10.53 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Tgt Ion:168 Resp: 305436  
Ion Ratio Lower Upper  
168 100  
139 39.5 31.5 47.3  
169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 59.26 ng

RT: 10.41 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

ClientSampleId :

PB84307BS

Tgt Ion:139 Resp: 88217

Ion Ratio Lower Upper

139 100

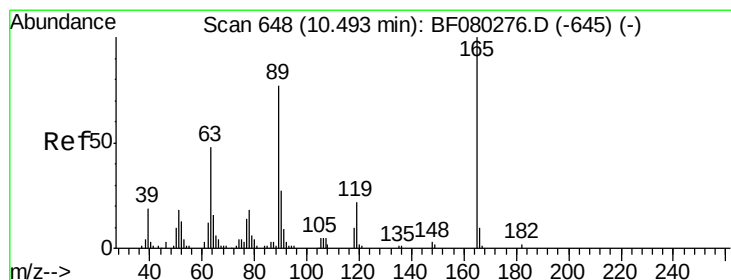
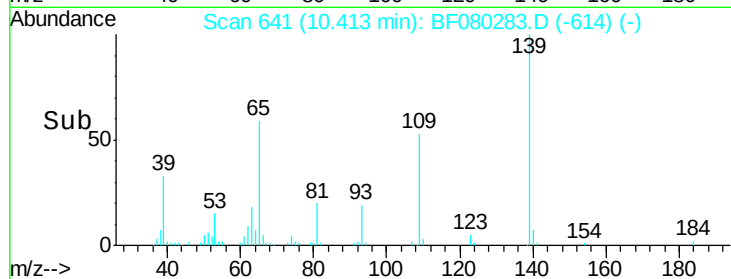
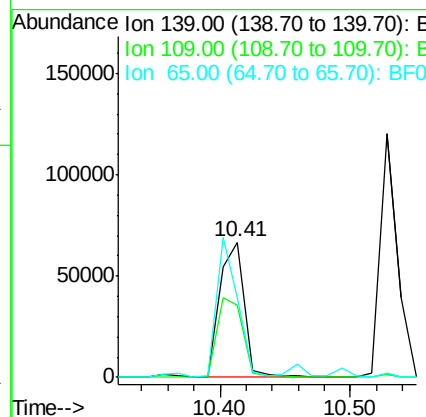
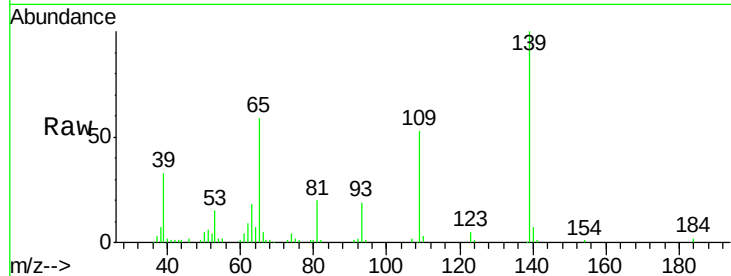
109 53.1 50.2 90.2

65 58.7 96.7 136.7#

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#56

2,4-Dinitrotoluene

Concen: 30.59 ng

RT: 10.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Tgt Ion:165 Resp: 69630

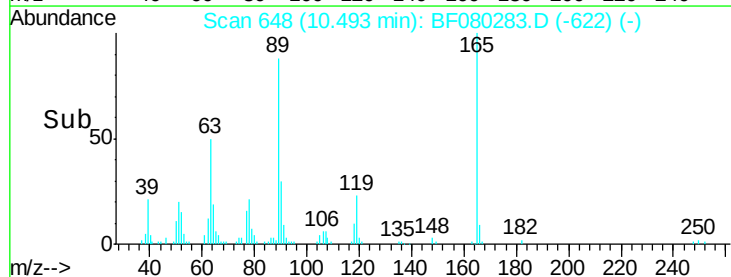
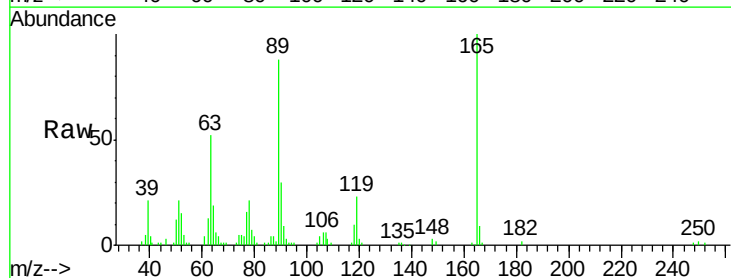
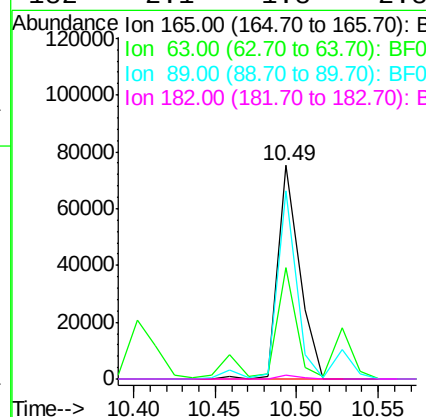
Ion Ratio Lower Upper

165 100

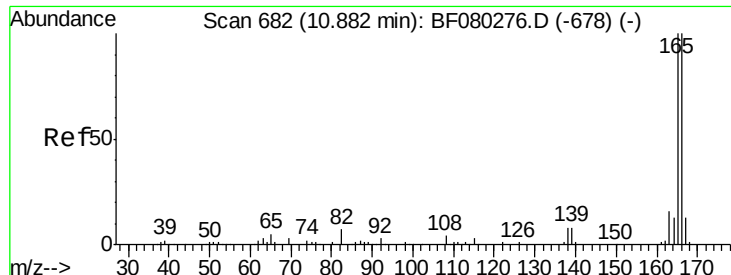
63 52.2 38.7 58.1

89 88.1 62.0 93.0

182 2.1 1.8 2.8

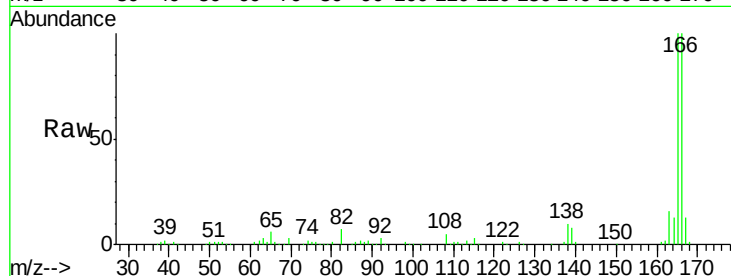






#57  
Fluorene  
Concen: 28.38 ng  
RT: 10.88 min Scan# 682  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

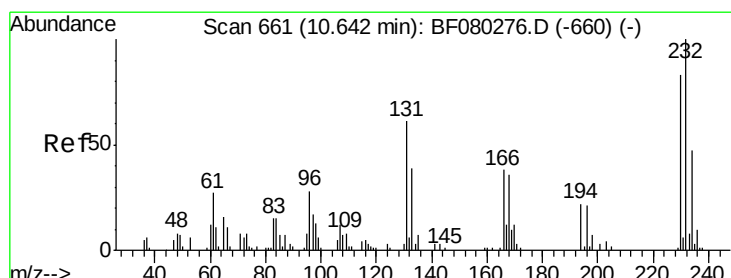
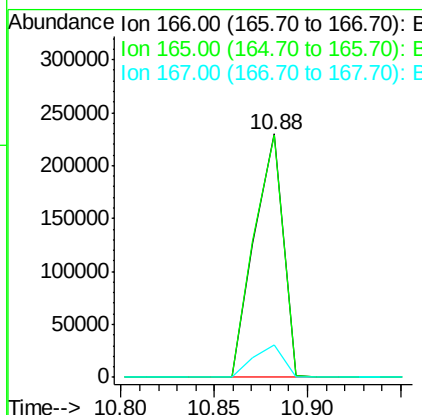
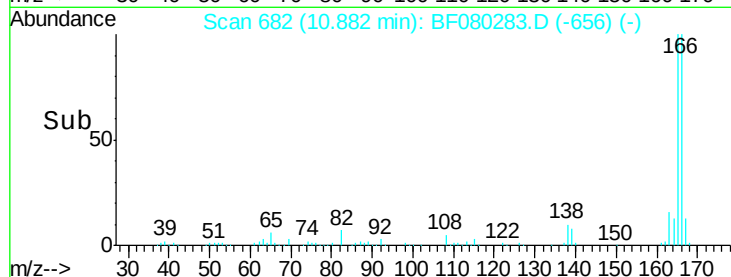
Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 245784 |       |       |
| 165     | 99.7  | 79.9   | 119.9 |       |
| 167     | 13.1  | 10.3   | 15.5  |       |

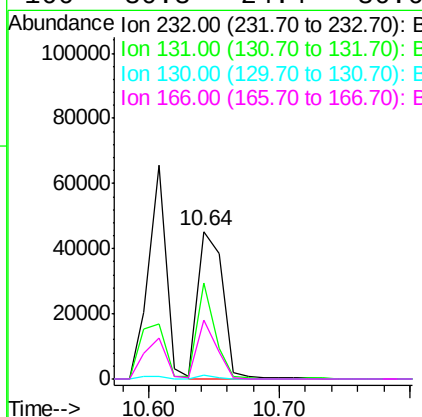
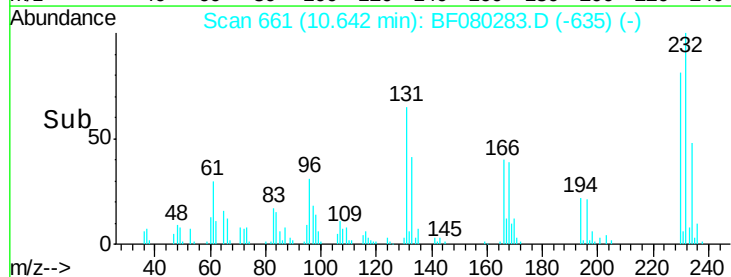
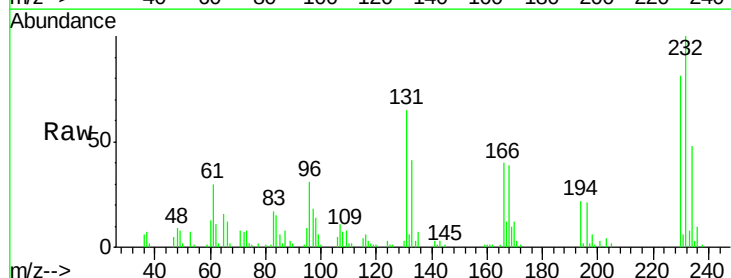
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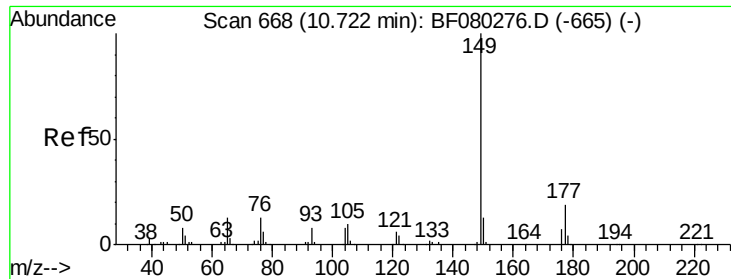
apatel  
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#58  
2,3,4,6-Tetrachlorophenol  
Concen: 30.54 ng  
RT: 10.64 min Scan# 661  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 60729 |       |       |
| 131     | 45.2  | 37.0  | 55.6  |       |
| 130     | 2.1   | 1.5   | 2.3   |       |
| 166     | 30.3  | 24.4  | 36.6  |       |





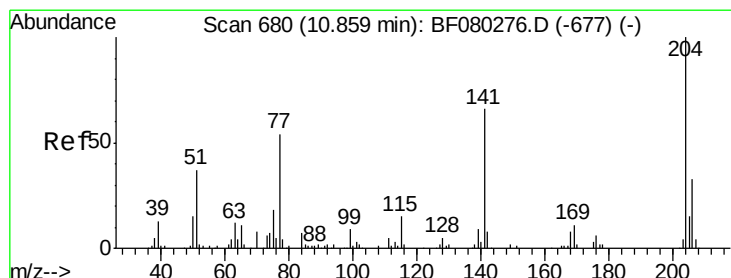
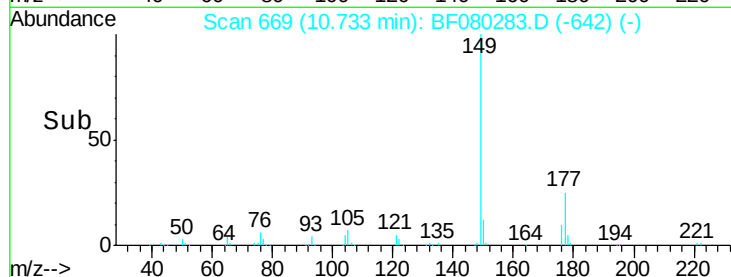
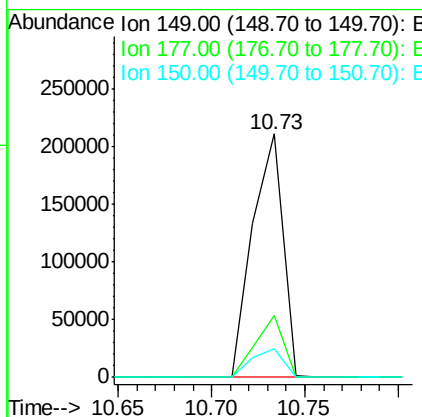
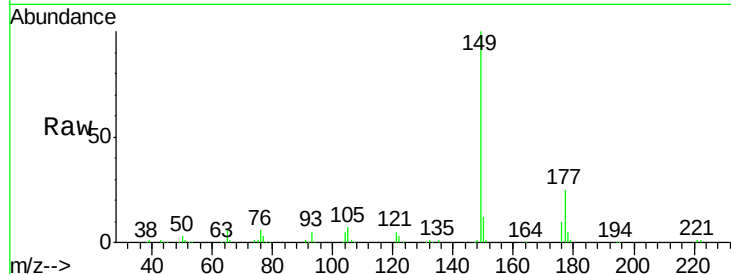
#59  
Diethylphthalate  
Concen: 29.12 ng  
RT: 10.73 min Scan# 669  
Delta R.T. 0.01 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.2  | 15.4  | 23.0# |
| 150     | 11.7  | 10.5  | 15.7  |

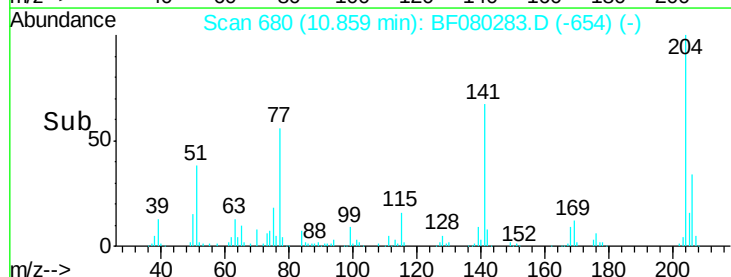
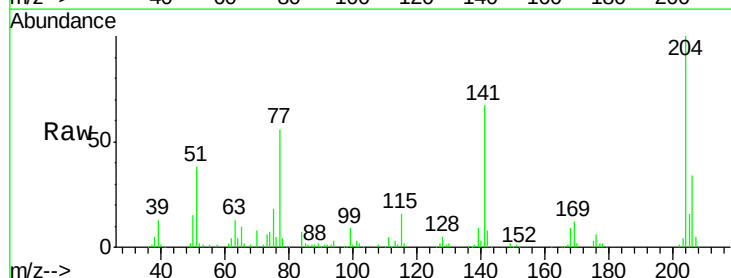
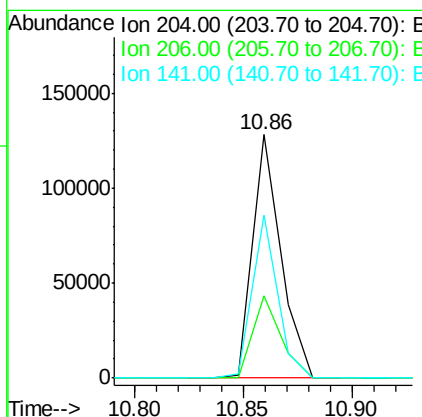
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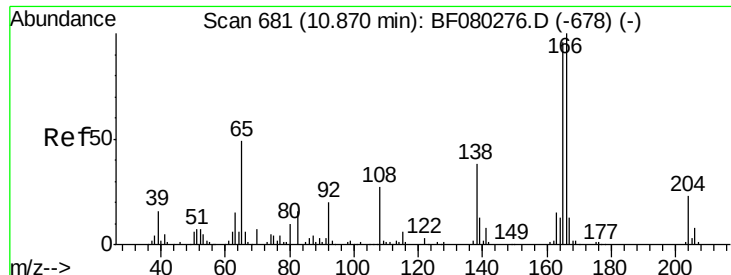
apatel  
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#60  
4-Chlorophenyl-phenylether  
Concen: 29.58 ng  
RT: 10.86 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.1  | 26.5  | 39.7  |
| 141     | 67.2  | 52.5  | 78.7  |





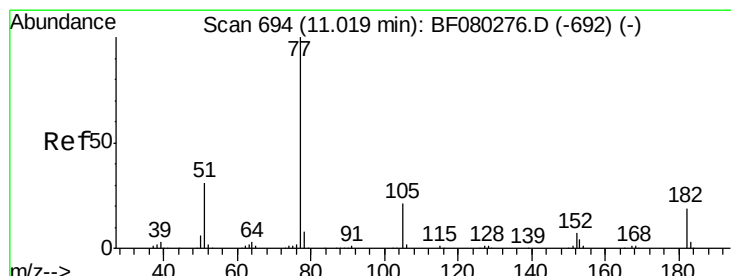
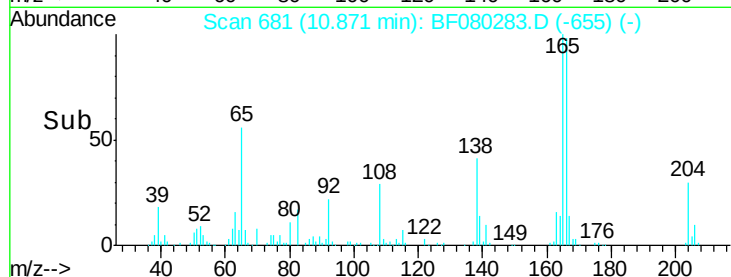
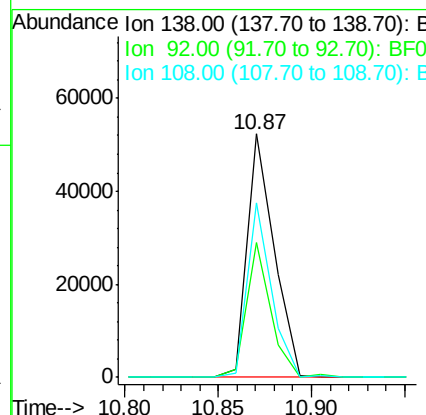
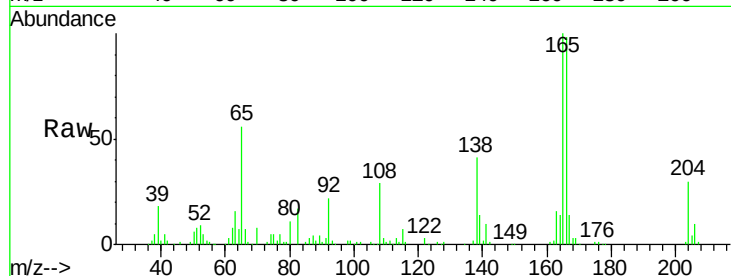
#61  
4-Nitroaniline  
Concen: 25.69 ng  
RT: 10.87 min Scan# 681  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 52584 |       |       |
| 92      | 55.2  | 32.7  | 72.7  |       |
| 108     | 71.7  | 49.6  | 89.6  |       |

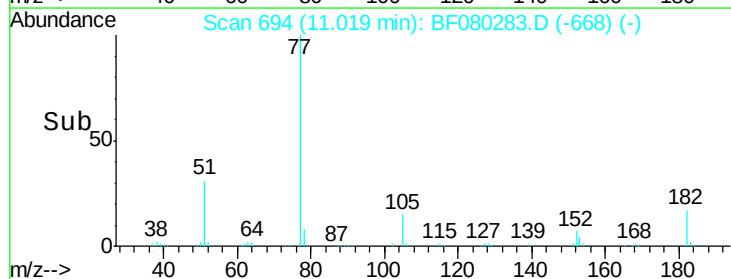
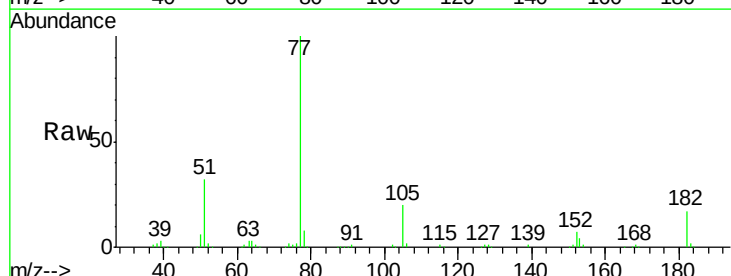
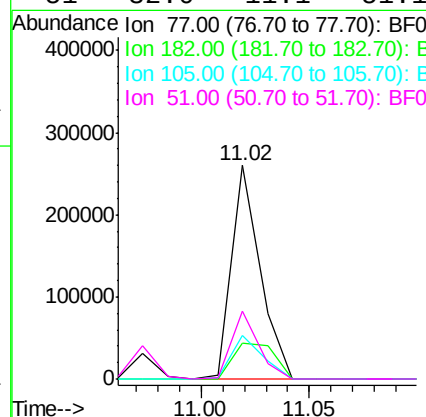
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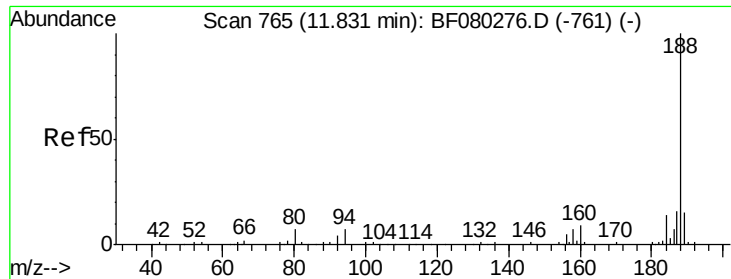
apatel  
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#62  
Azobenzene  
Concen: 28.21 ng  
RT: 11.02 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 236857 |       |       |
| 182     | 16.9  | 0.0    | 38.9  |       |
| 105     | 20.4  | 1.3    | 41.3  |       |
| 51      | 32.0  | 11.1   | 51.1  |       |





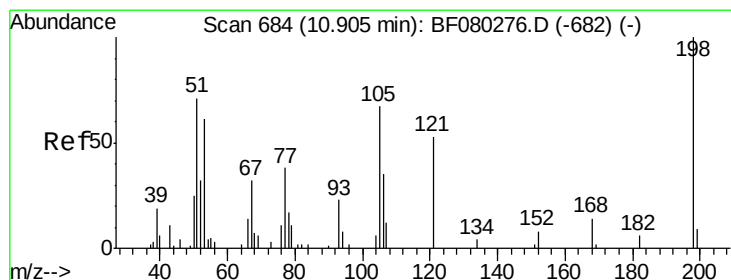
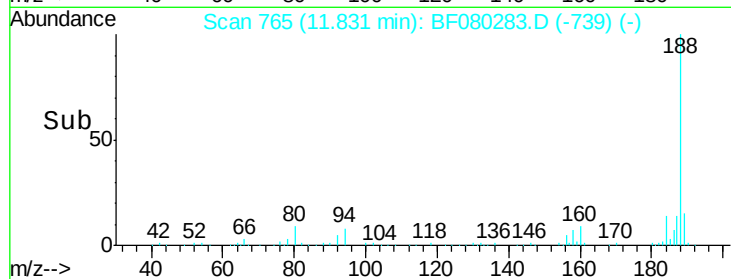
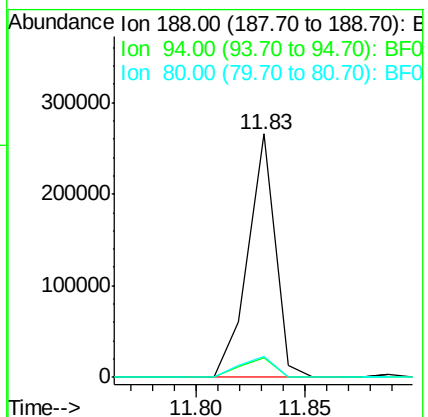
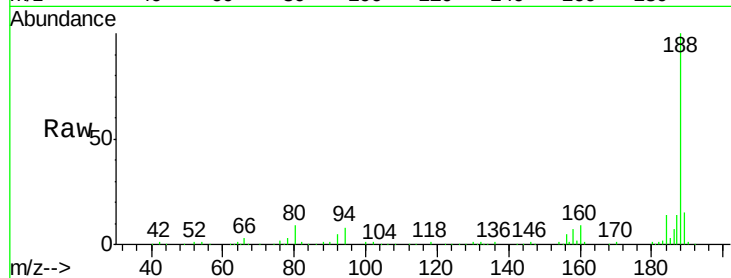
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.83 min Scan# 765  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.1   | 5.4        | 8.0#       |
| 80      | 8.6   | 5.8        | 8.6        |

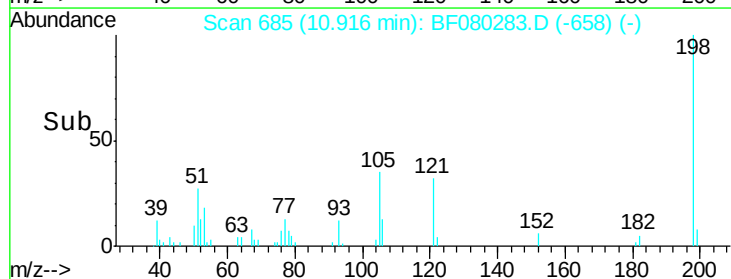
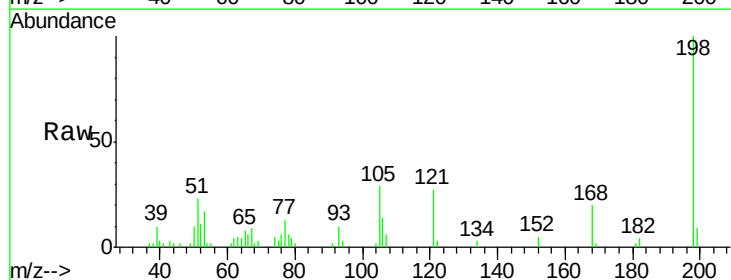
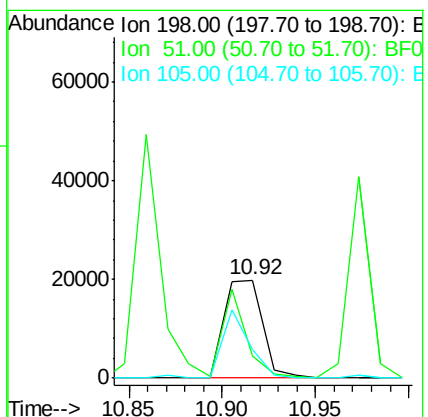
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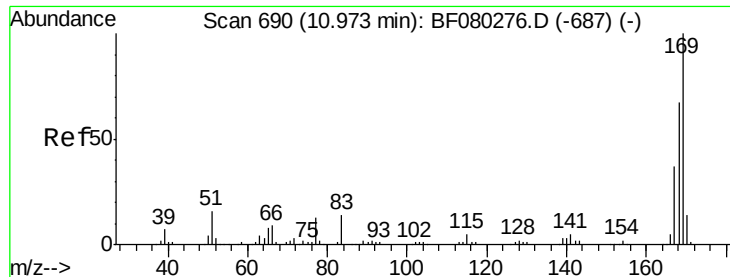
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 34.93 ng  
 RT: 10.92 min Scan# 685  
 Delta R.T. 0.01 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 22.7  | 63.7       | 103.7#     |
| 105     | 29.2  | 46.9       | 86.9#      |





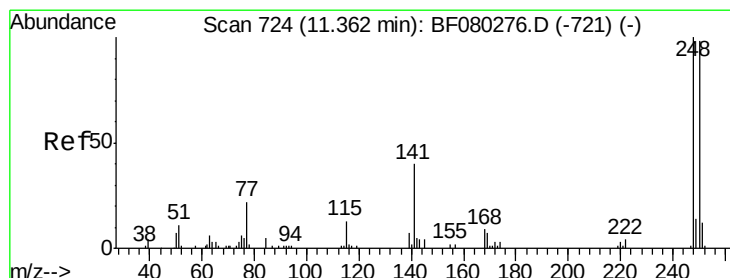
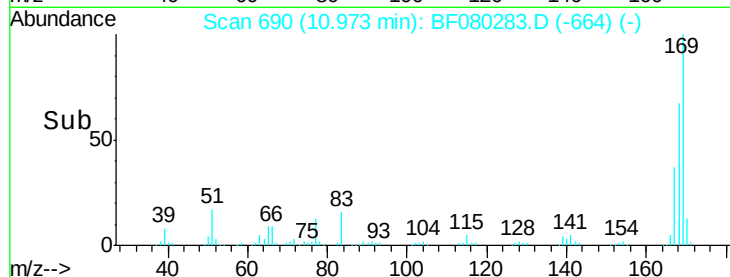
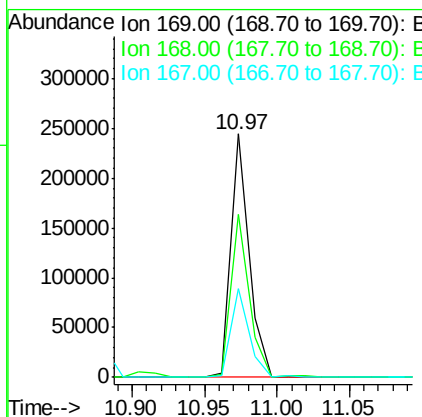
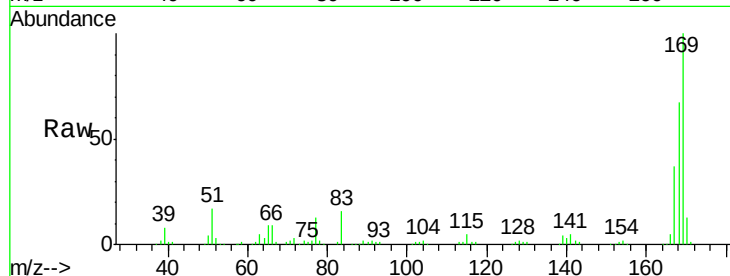
#65  
 n-Nitrosodiphenylamine  
 Concen: 27.76 ng  
 RT: 10.97 min Scan# 690  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 212643 |       |       |
| 168     | 67.0  | 53.6   | 80.4  |       |
| 167     | 36.5  | 29.9   | 44.9  |       |

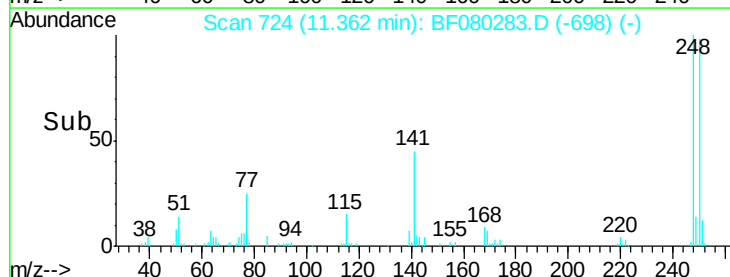
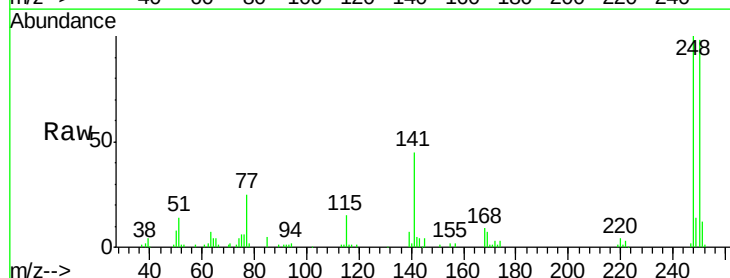
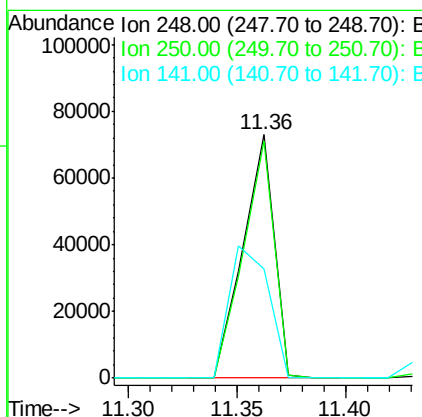
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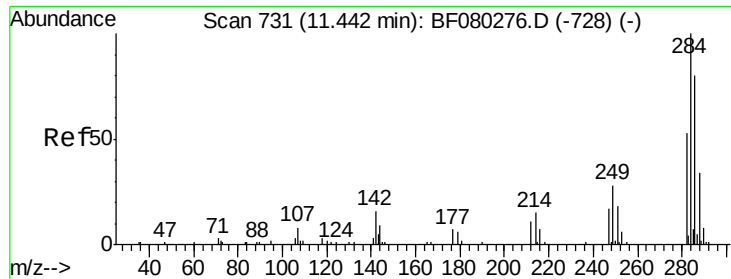
apatel  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 28.77 ng  
 RT: 11.36 min Scan# 724  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 72493 |       |       |
| 250     | 97.7  | 78.2  | 117.4 |       |
| 141     | 45.0  | 31.9  | 47.9  |       |





#67

Hexachlorobenzene

Concen: 27.63 ng

RT: 11.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF080283.D

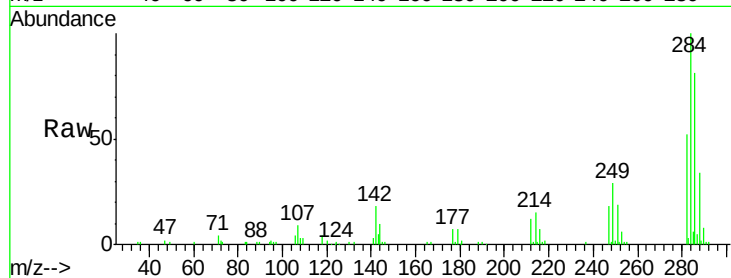
Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

ClientSampleId :

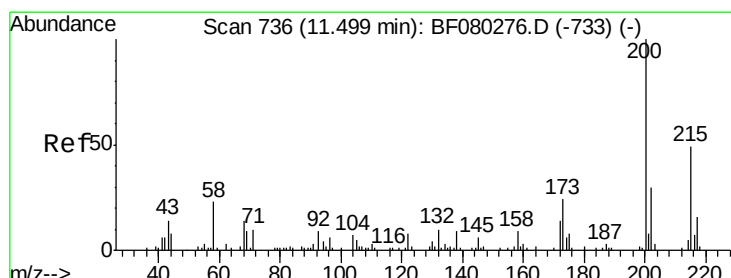
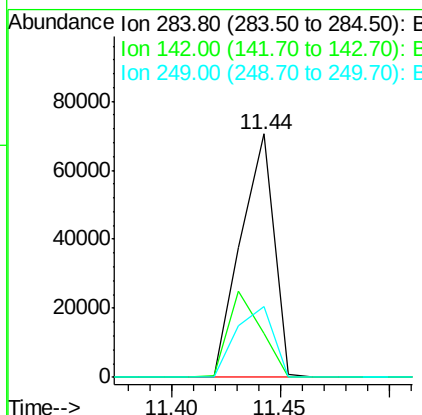
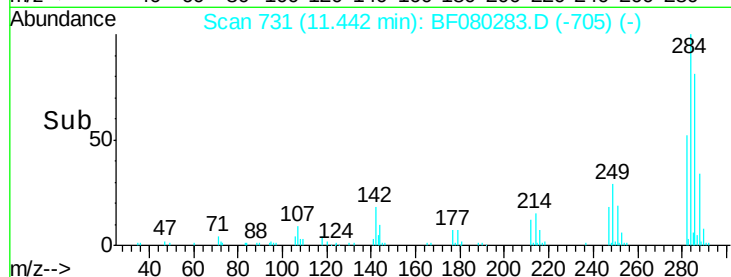
PB84307BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 74619 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 18.0  | 12.5  | 18.7  |
| 249       | 29.3  | 22.4  | 33.6  |

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#68

Atrazine

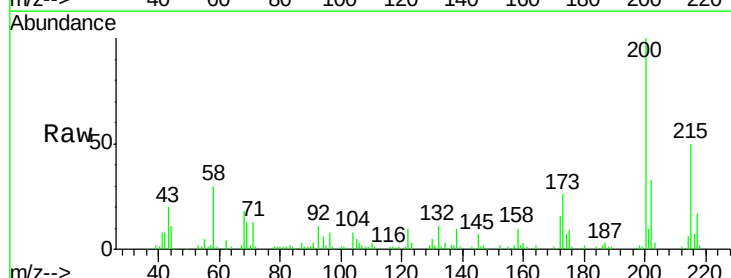
Concen: 28.32 ng

RT: 11.50 min Scan# 736

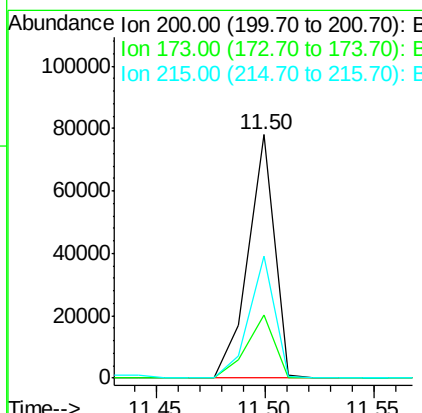
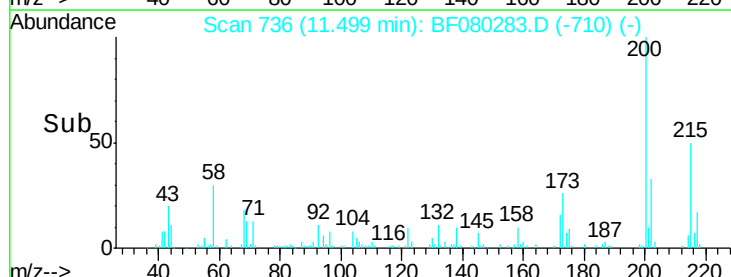
Delta R.T. 0.00 min

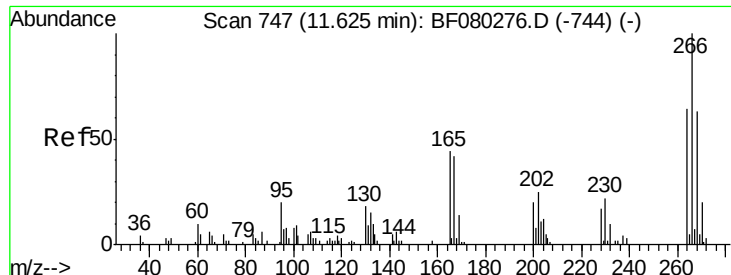
Lab File: BF080283.D

Acq: 1 Jul 2015 21:38



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 65581 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.8  | 3.5   | 43.5  |
| 215       | 50.0  | 28.6  | 68.6  |





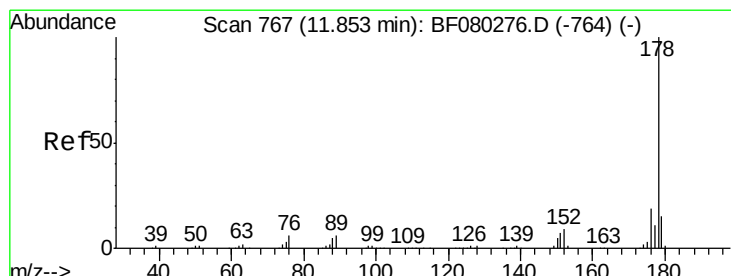
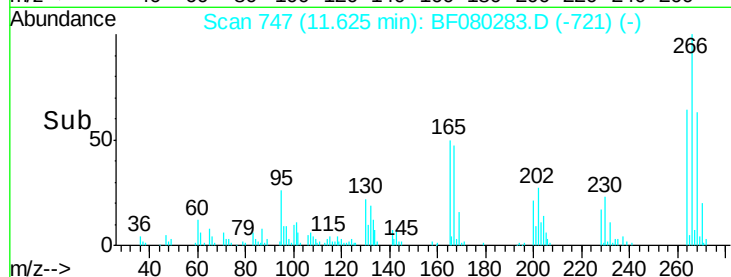
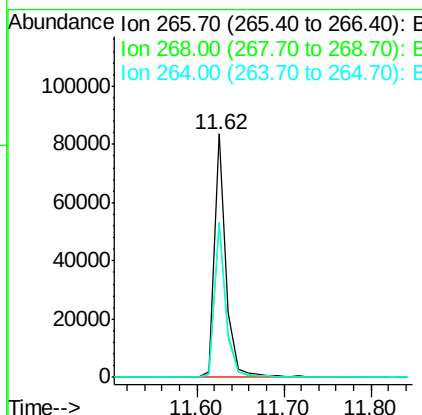
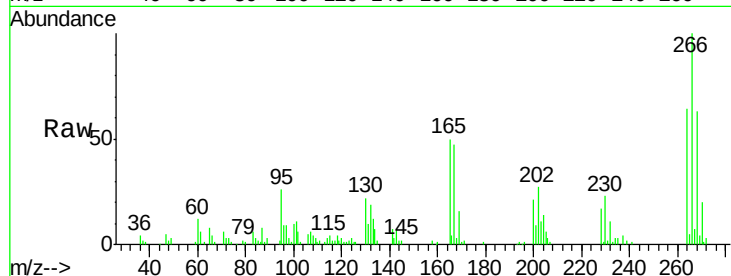
#69  
 Pentachlorophenol  
 Concen: 55.76 ng  
 RT: 11.62 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.9  | 50.7  | 76.1  |
| 264     | 63.7  | 51.3  | 76.9  |

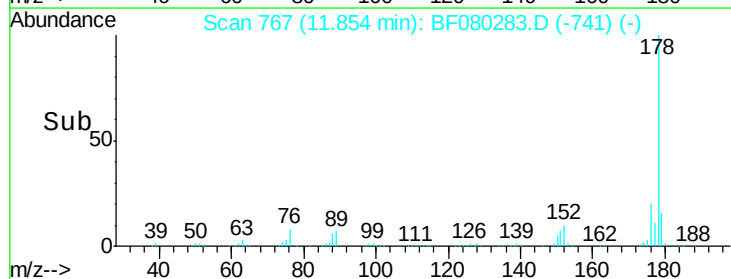
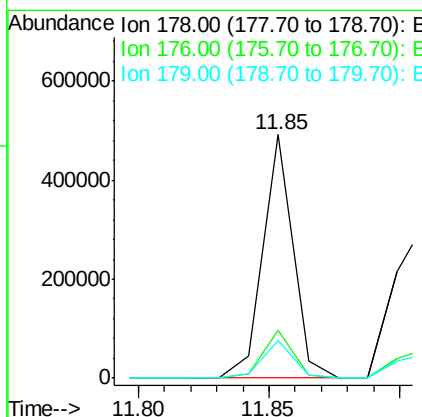
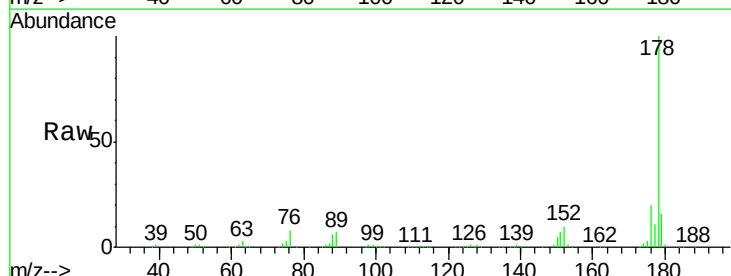
Manual Integrations  
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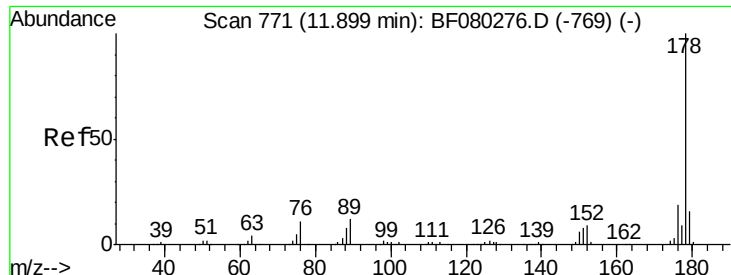
apatel  
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#70  
 Phenanthrene  
 Concen: 28.11 ng  
 RT: 11.85 min Scan# 767  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.6  | 23.4  |
| 179     | 15.5  | 12.2  | 18.2  |





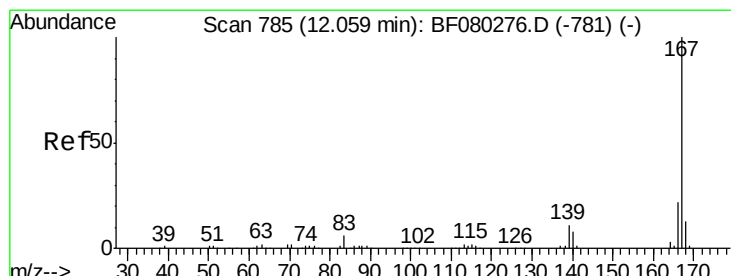
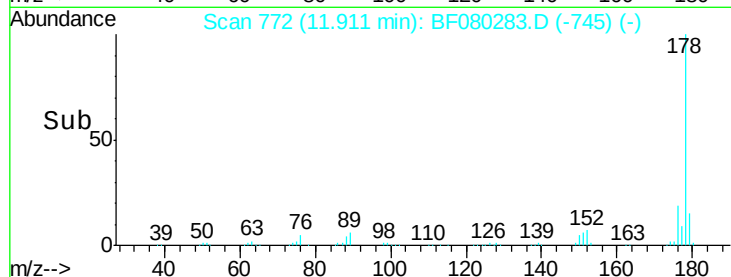
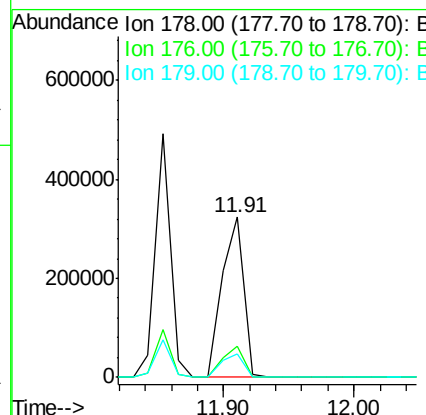
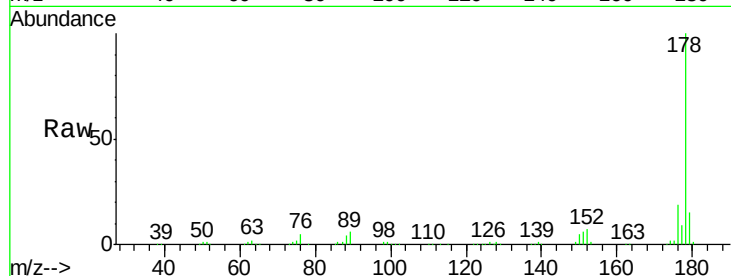
#71  
 Anthracene  
 Concen: 28.21 ng  
 RT: 11.91 min Scan# 772  
 Delta R.T. 0.01 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.2  | 22.8  |
| 179     | 14.7  | 12.6  | 18.8  |

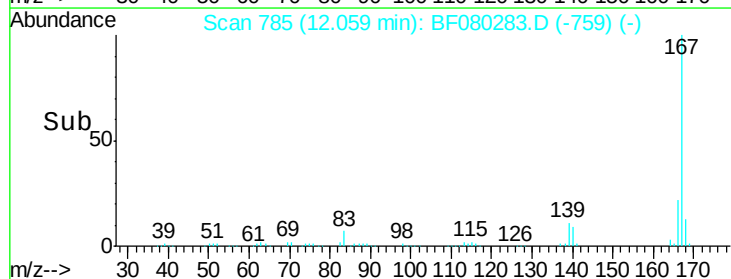
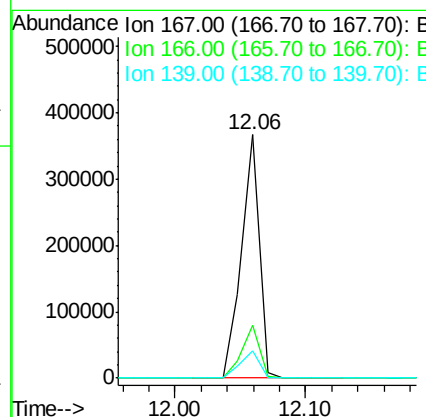
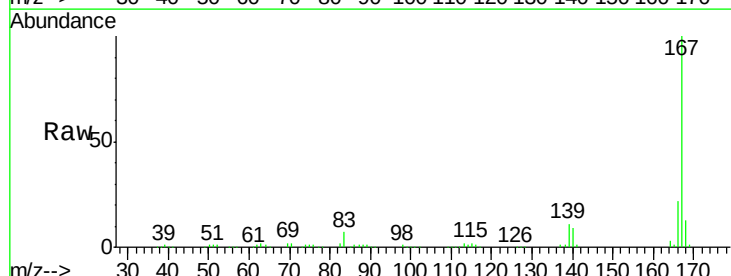
Manual Integrations  
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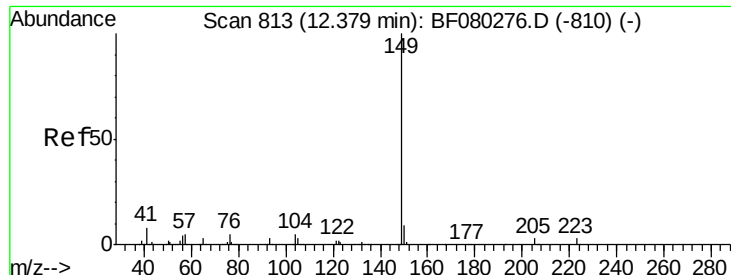


#72  
 Carbazole  
 Concen: 27.50 ng  
 RT: 12.06 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.3  | 25.9  |
| 139     | 11.4  | 8.6   | 13.0  |







#73

Di-n-butylphthalate

Concen: 28.16 ng

RT: 12.39 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF080283.D

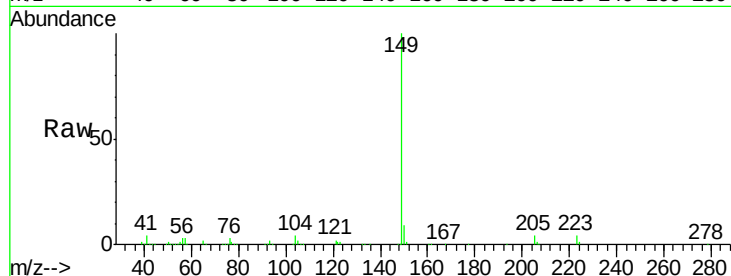
Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

ClientSampleId :

PB84307BS



Tgt Ion:149 Resp: 378575

Ion Ratio Lower Upper

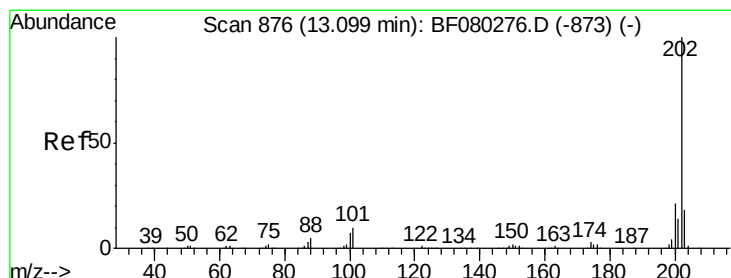
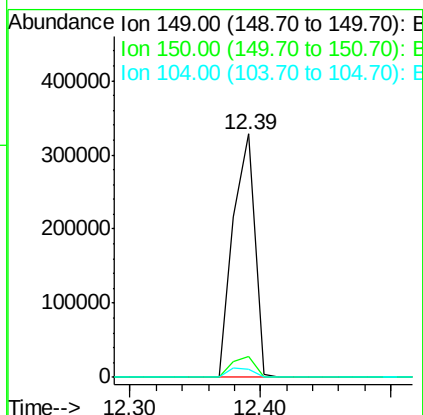
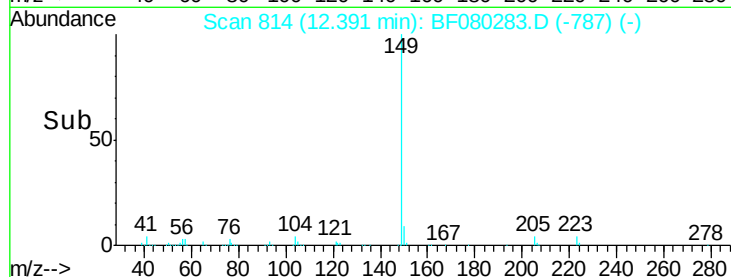
149 100

150 8.8 7.4 11.0

104 3.6 3.7 5.5#

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#74

Fluoranthene

Concen: 27.89 ng

RT: 13.11 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

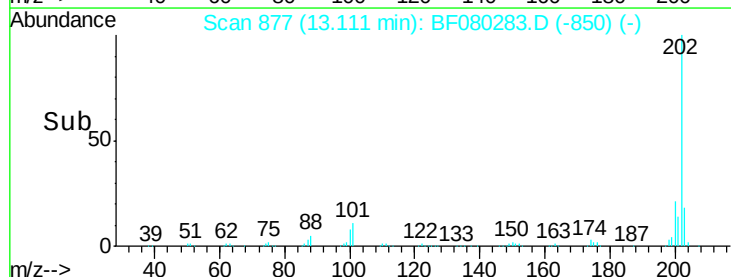
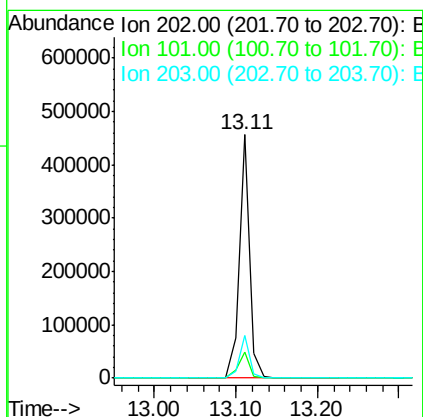
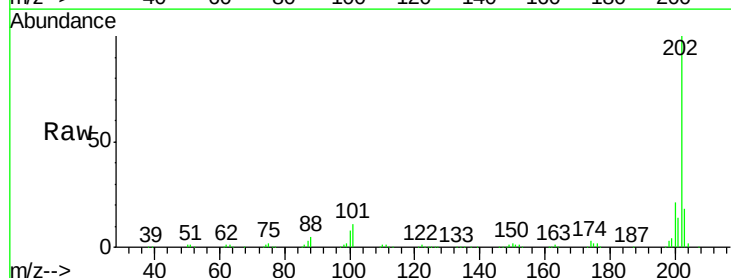
Tgt Ion:202 Resp: 402496

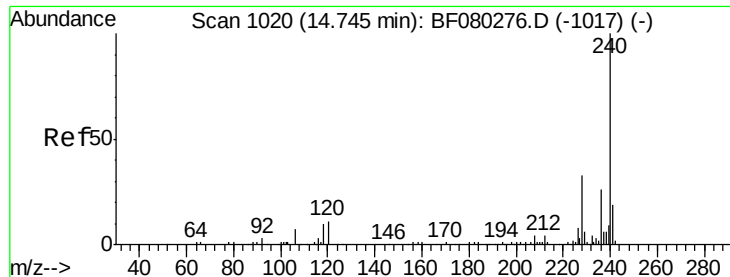
Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.4

203 17.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.78 min Scan# 1023

Delta R.T. 0.03 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

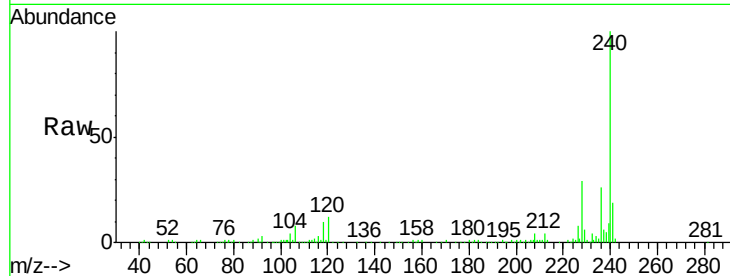
ClientSampleId :

PB84307BS

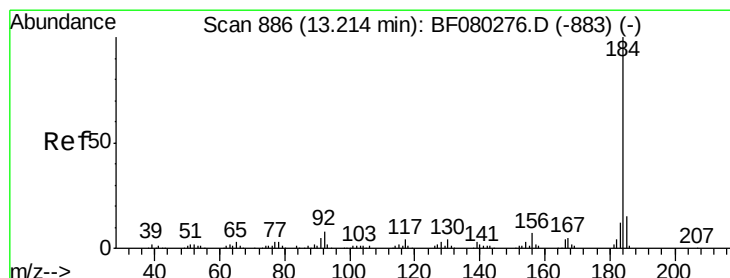
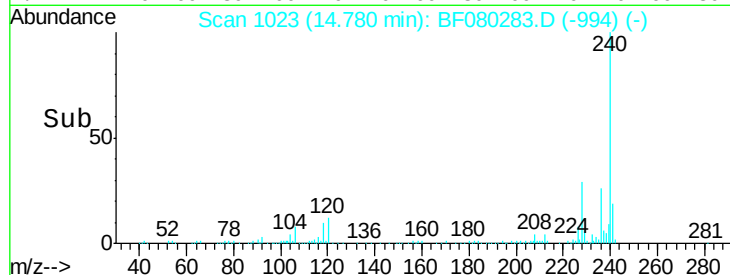
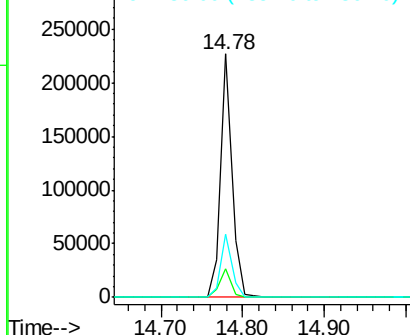
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 220956 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 11.6 | 8.7   | 13.1   |
| 236       | 25.8 | 20.9  | 31.3   |

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.95 ng

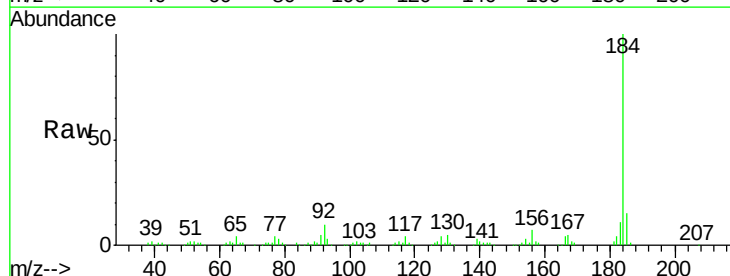
RT: 13.23 min Scan# 887

Delta R.T. 0.01 min

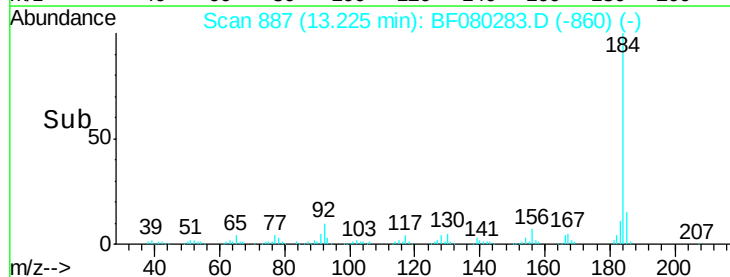
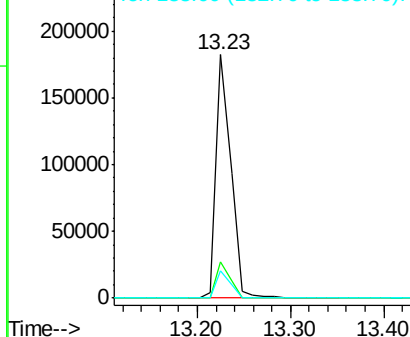
Lab File: BF080283.D

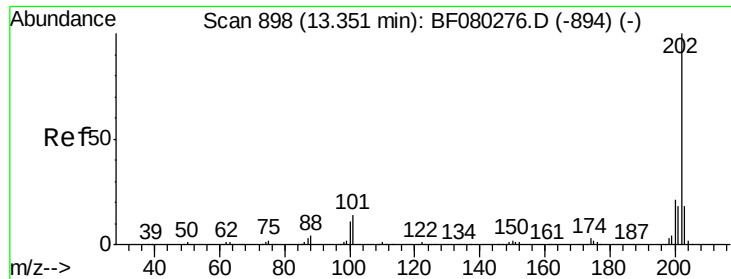
Acq: 1 Jul 2015 21:38

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 200234 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 14.7 | 11.8  | 17.6   |
| 183       | 11.4 | 9.4   | 14.0   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





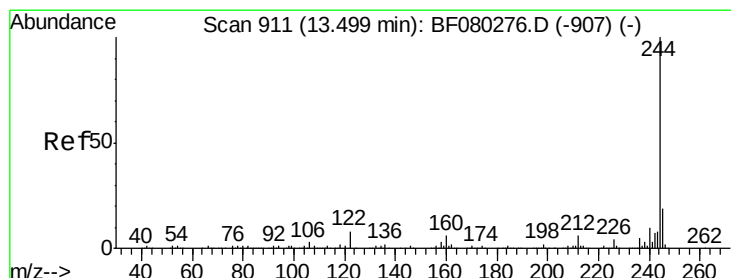
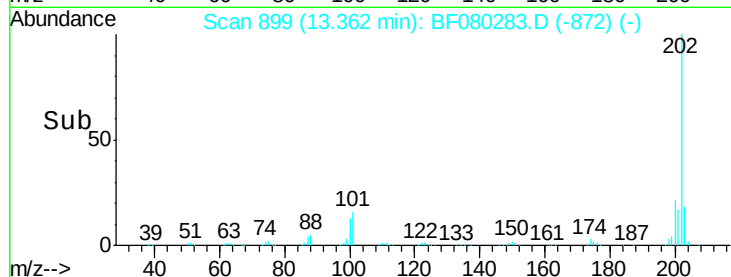
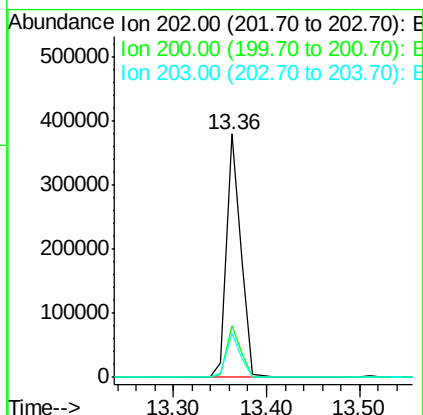
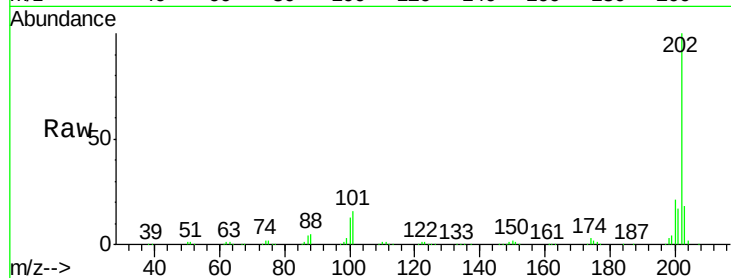
#77  
 Pyrene  
 Concen: 28.72 ng  
 RT: 13.36 min Scan# 899  
 Delta R.T. 0.01 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.3  | 17.0       | 25.6       |
| 203     | 17.8  | 14.0       | 21.0       |

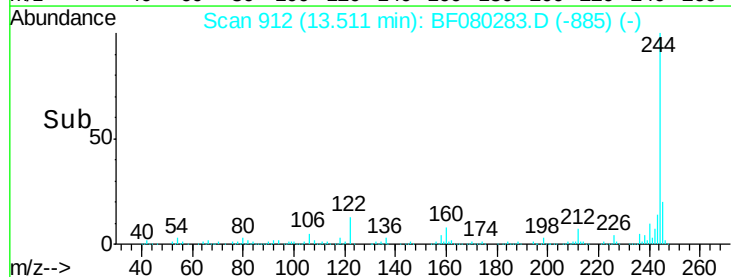
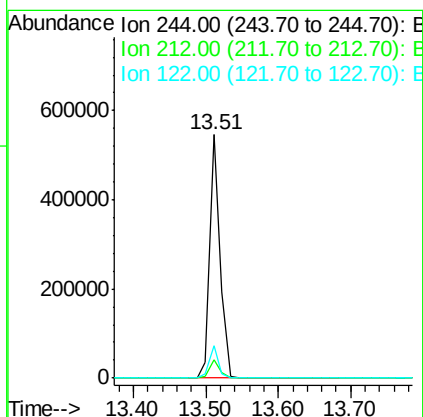
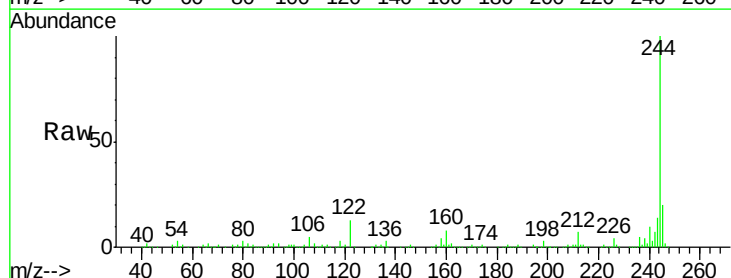
Manual Integrations  
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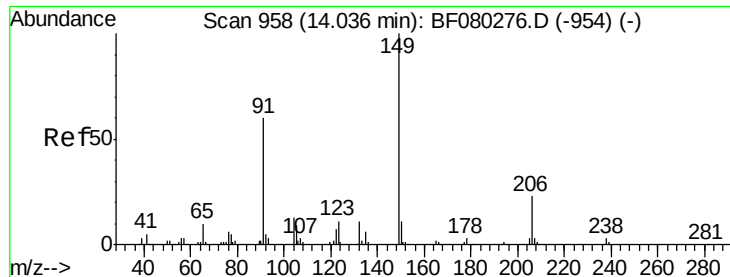
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#78  
 Terphenyl-d14  
 Concen: 57.27 ng  
 RT: 13.51 min Scan# 912  
 Delta R.T. 0.01 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.4   | 5.0        | 7.6        |
| 122     | 13.5  | 6.6        | 9.8#       |





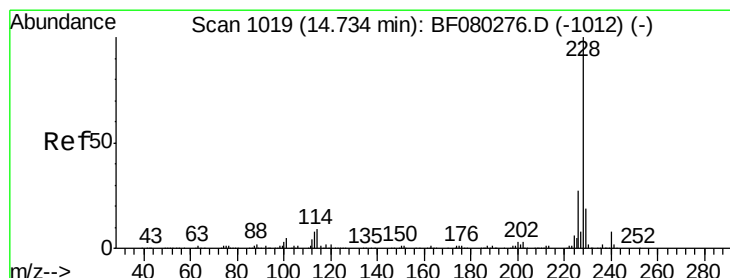
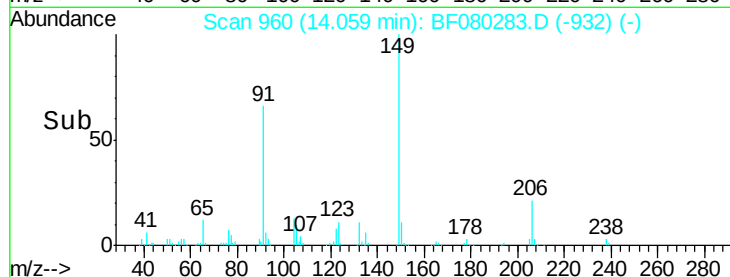
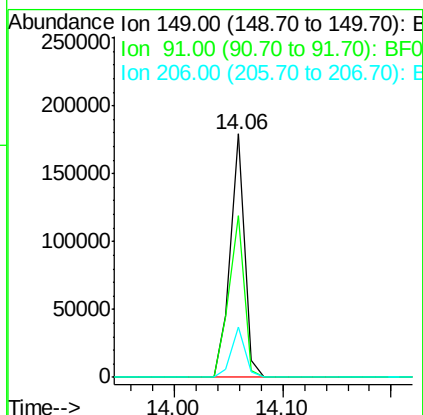
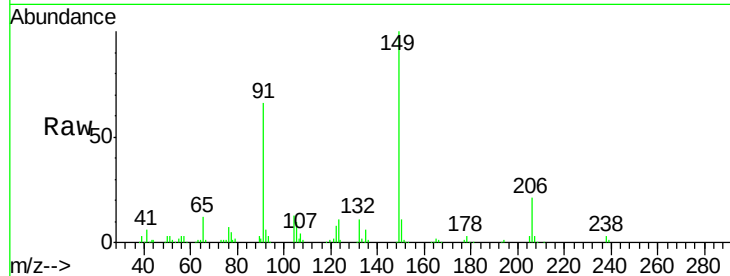
#79  
Butylbenzylphthalate  
Concen: 30.20 ng  
RT: 14.06 min Scan# 960  
Delta R.T. 0.02 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 163776 |       |       |
| 91      | 66.2  | 48.1   | 72.1  |       |
| 206     | 20.5  | 18.1   | 27.1  |       |

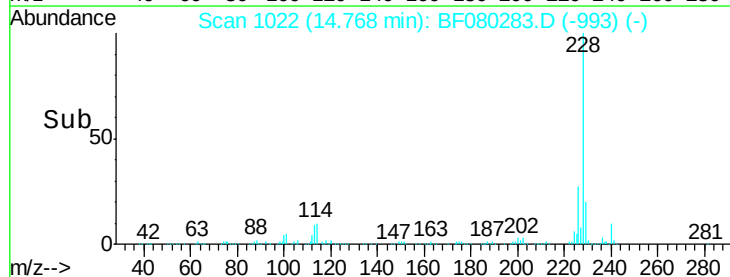
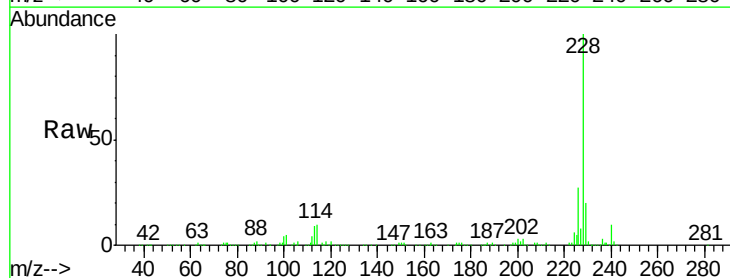
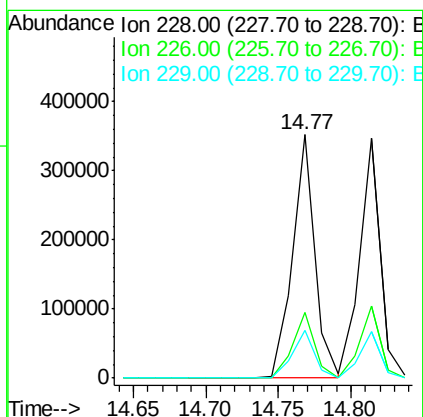
Manual Integrations  
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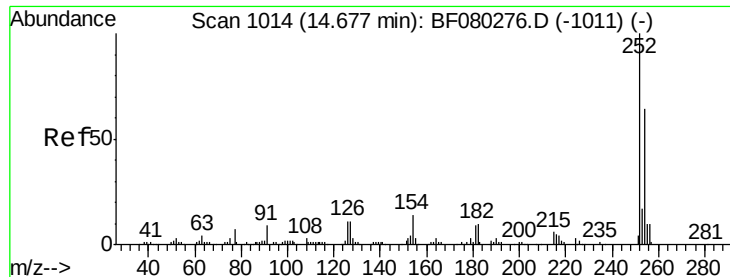
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#80  
Benzo(a)anthracene  
Concen: 28.05 ng  
RT: 14.77 min Scan# 1022  
Delta R.T. 0.03 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 374551 |       |       |
| 226     | 27.2  | 21.7   | 32.5  |       |
| 229     | 19.9  | 15.5   | 23.3  |       |





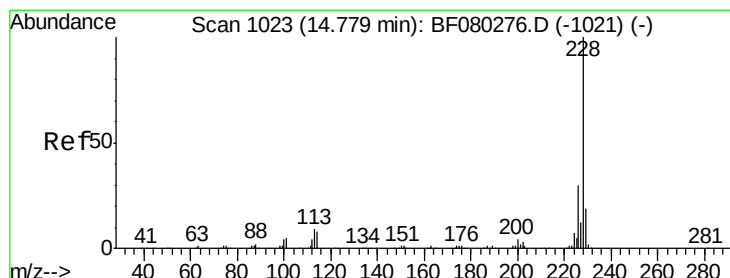
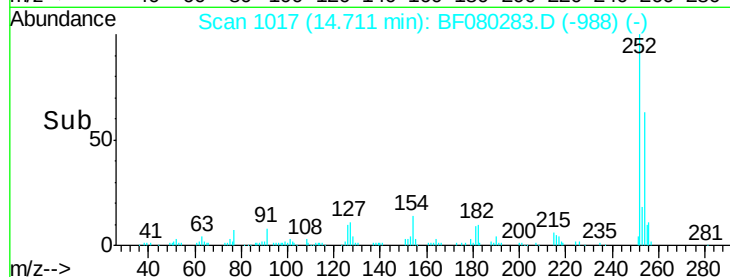
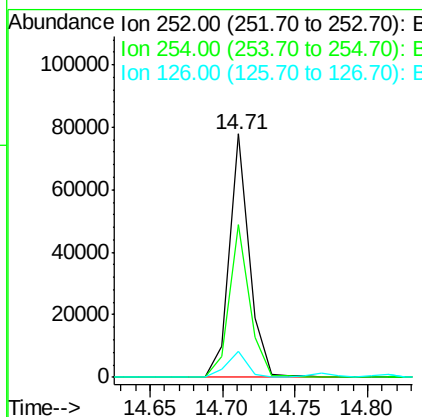
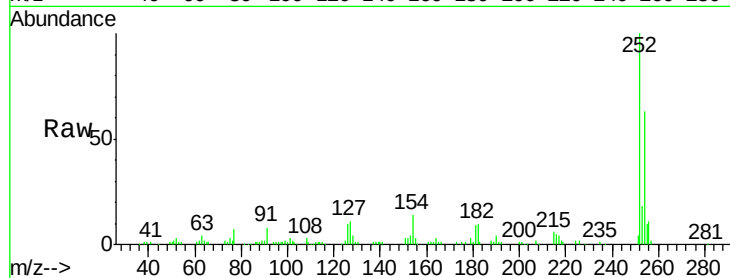
#81  
 3,3'-Dichlorobenzidine  
 Concen: 17.13 ng  
 RT: 14.71 min Scan# 1017  
 Delta R.T. 0.03 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 74650 |       |       |
| 254     | 62.9  | 50.8  | 76.2  |       |
| 126     | 10.5  | 9.0   | 13.6  |       |

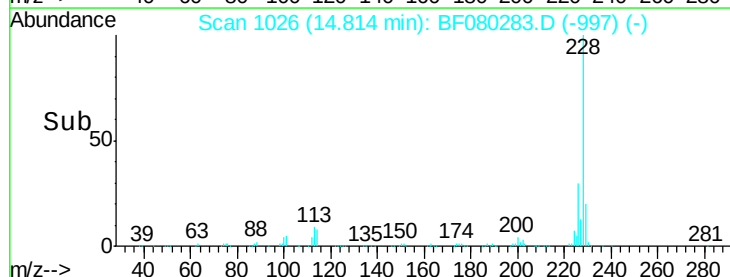
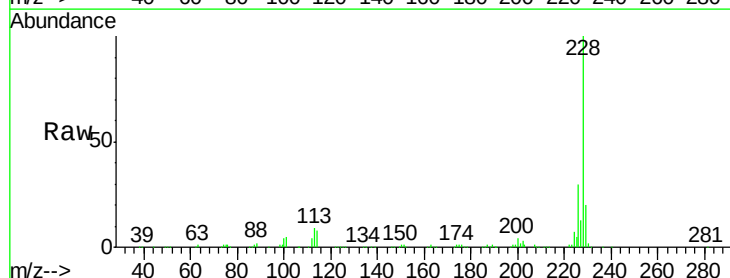
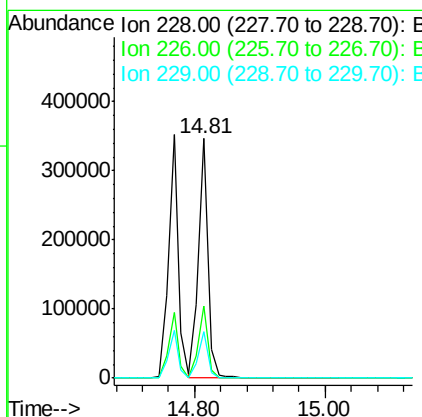
Manual Integrations  
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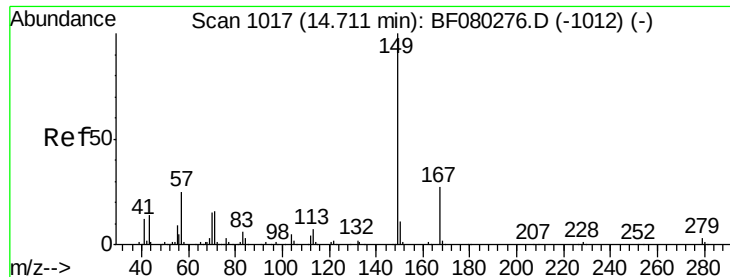
apatel  
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#82  
 Chrysene  
 Concen: 28.26 ng  
 RT: 14.81 min Scan# 1026  
 Delta R.T. 0.03 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 347910 |       |       |
| 226     | 30.3  | 24.0   | 36.0  |       |
| 229     | 19.6  | 15.4   | 23.0  |       |





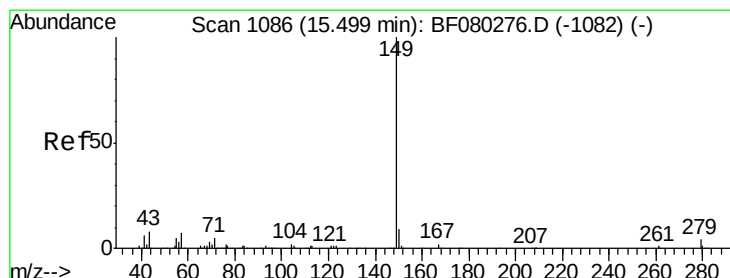
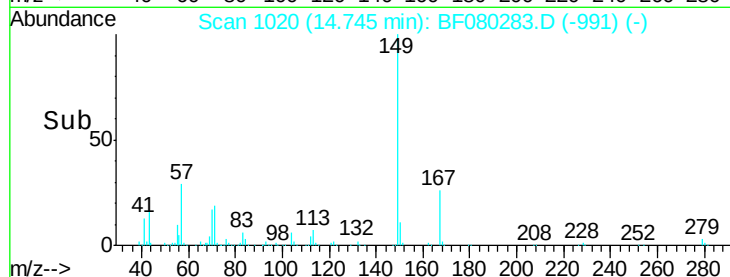
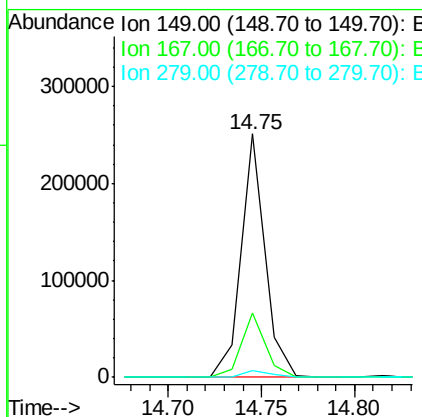
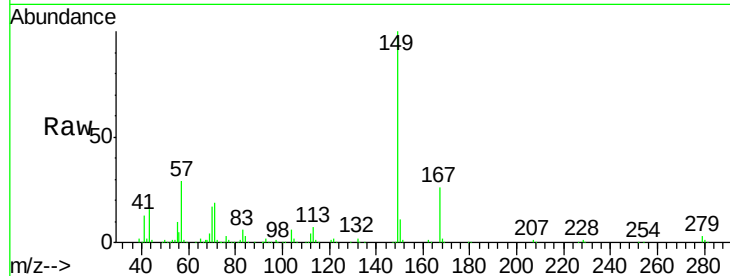
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 29.50 ng  
 RT: 14.75 min Scan# 1020  
 Delta R.T. 0.03 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 225199 |       |       |
| 167     | 26.3  | 21.7   | 32.5  |       |
| 279     | 2.9   | 2.7    | 4.1   |       |

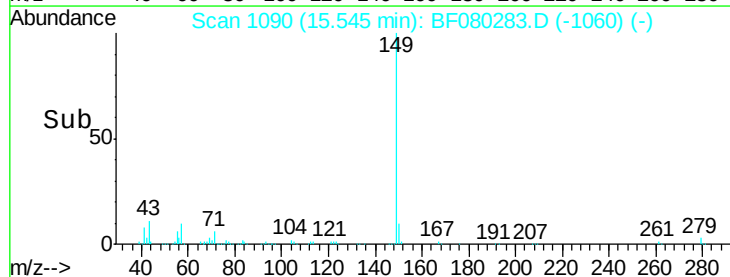
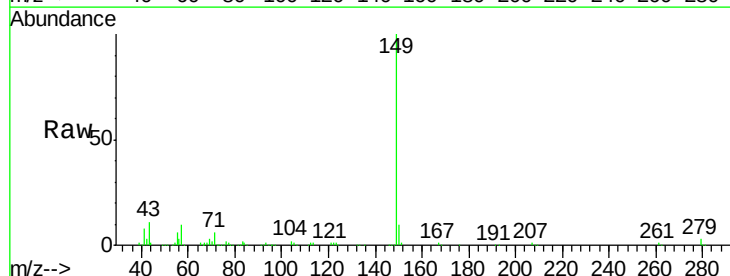
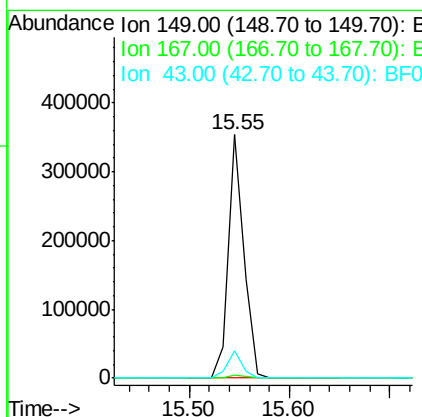
Manual Integrations  
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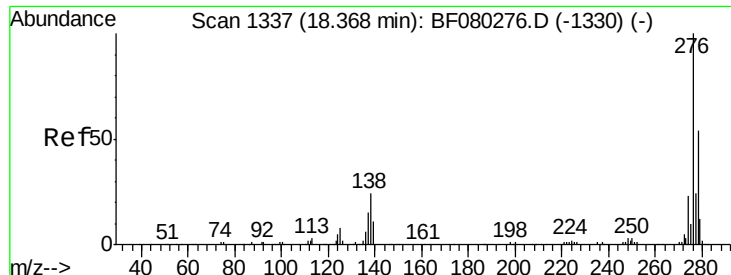
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#84  
 Di-n-octyl phthalate  
 Concen: 29.50 ng  
 RT: 15.55 min Scan# 1090  
 Delta R.T. 0.05 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 379353 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 11.1  | 8.3    | 12.5  |       |





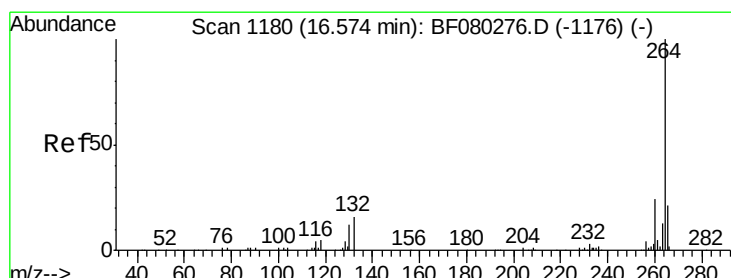
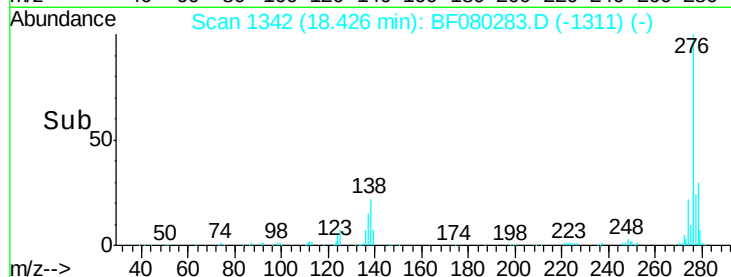
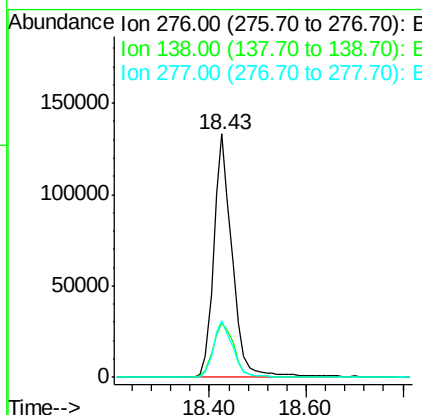
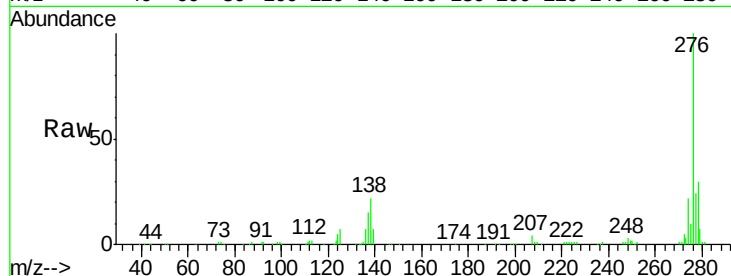
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 25.85 ng  
 RT: 18.43 min Scan# 1342  
 Delta R.T. 0.06 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.7  | 21.0  | 31.6  |
| 277     | 24.4  | 19.4  | 29.0  |

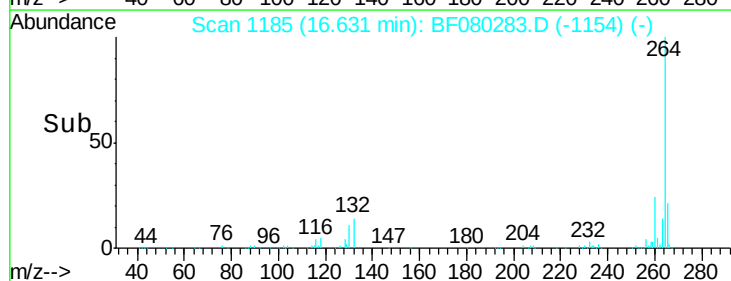
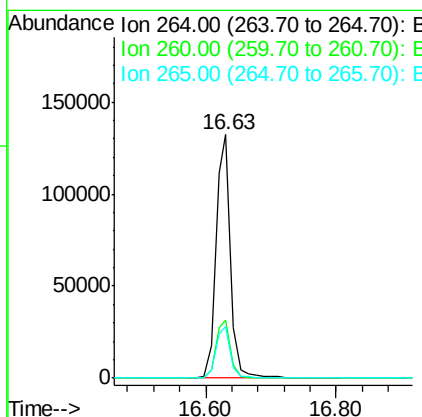
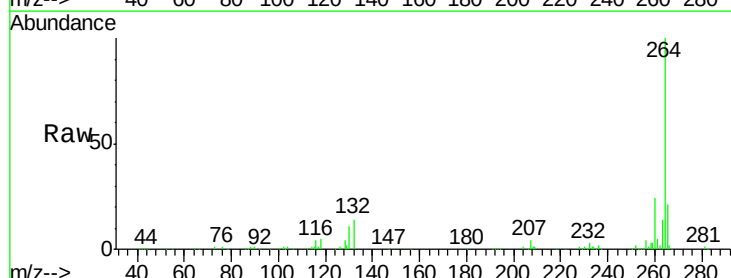
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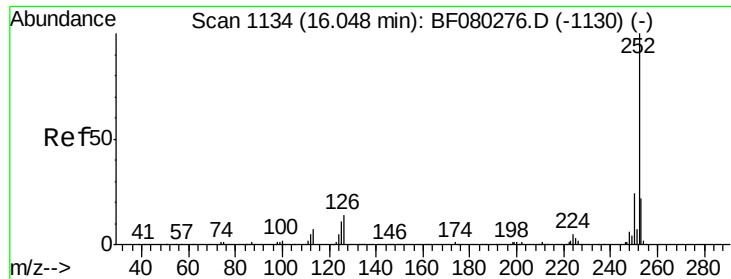
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.63 min Scan# 1185  
 Delta R.T. 0.06 min  
 Lab File: BF080283.D  
 Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.4  | 16.9  | 25.3  |





#87

Benzo(b)fluoranthene

Concen: 26.08 ng

RT: 16.11 min Scan# 1139

Delta R.T. 0.06 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

Instrument :

BNA\_F

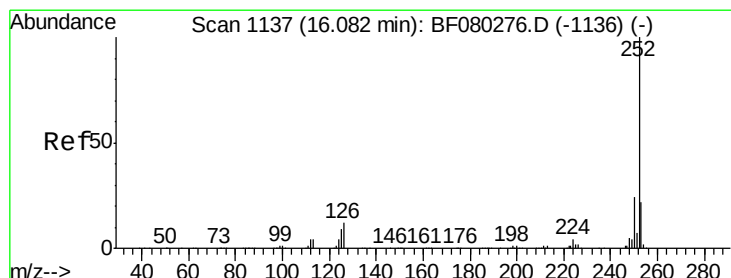
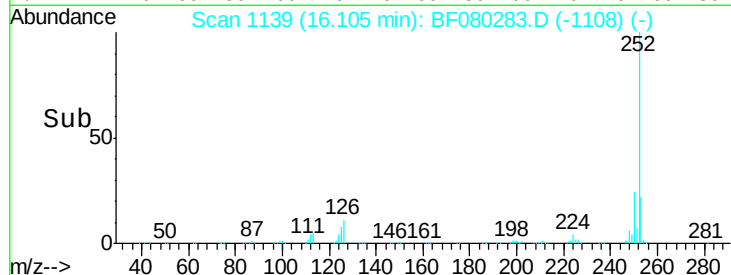
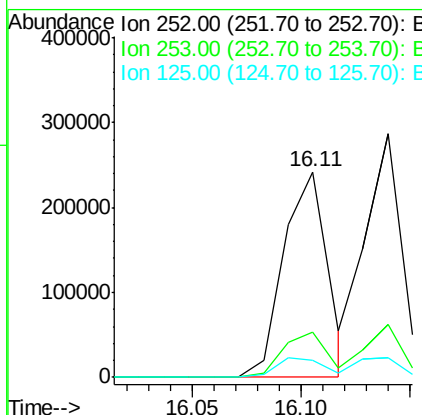
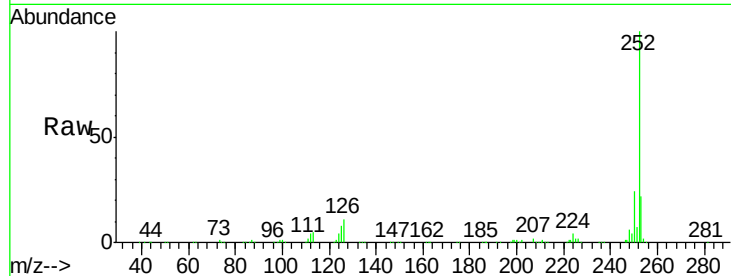
ClientSampleId :

PB84307BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 341280 |       |       |
| 253     | 22.0  | 17.6   | 26.4  |       |
| 125     | 8.1   | 8.6    | 12.8# |       |

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#88

Benzo(k)fluoranthene

Concen: 28.76 ng

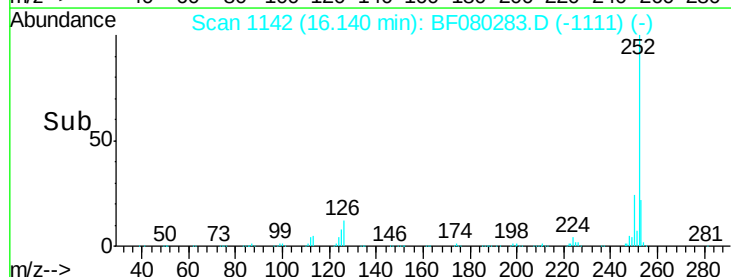
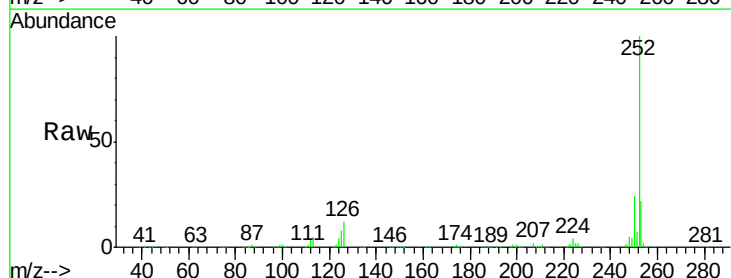
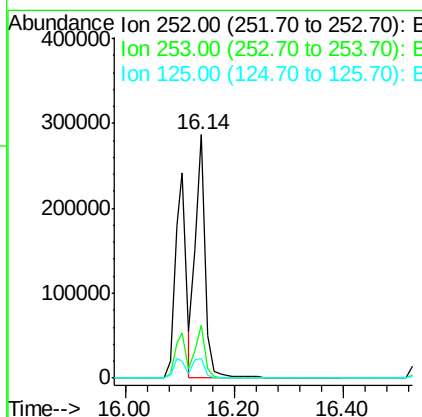
RT: 16.14 min Scan# 1142

Delta R.T. 0.06 min

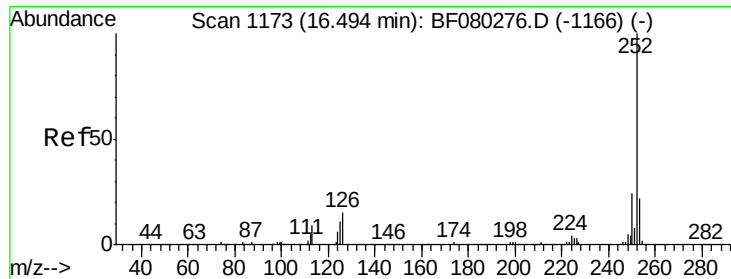
Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 354399 |       |       |
| 253     | 21.8  | 17.4   | 26.2  |       |
| 125     | 8.3   | 8.4    | 12.6# |       |







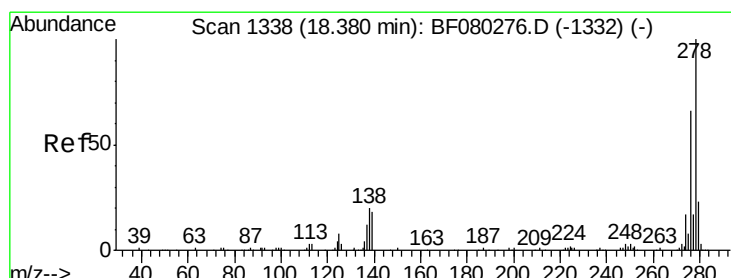
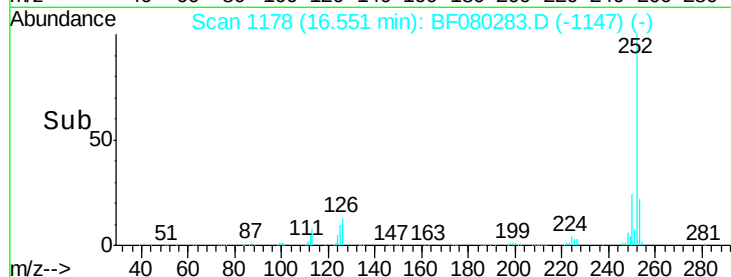
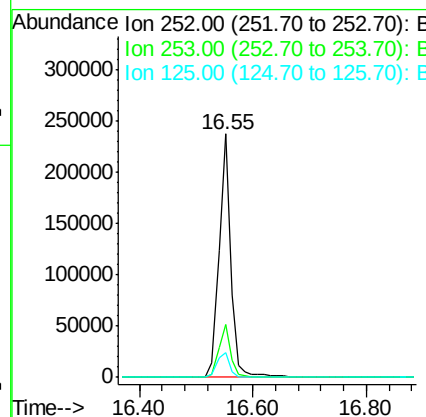
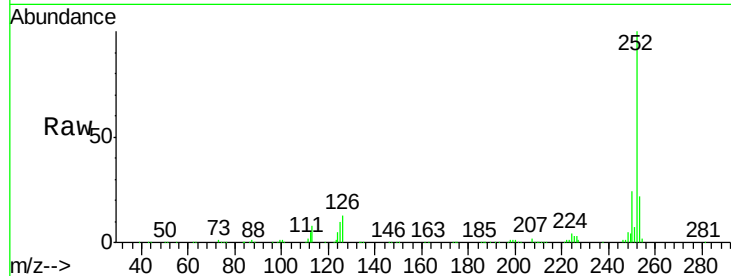
#89  
Benzo(a)pyrene  
Concen: 28.30 ng  
RT: 16.55 min Scan# 1178  
Delta R.T. 0.06 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB84307BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.4  | 26.2  |
| 125     | 10.3  | 9.0   | 13.4  |

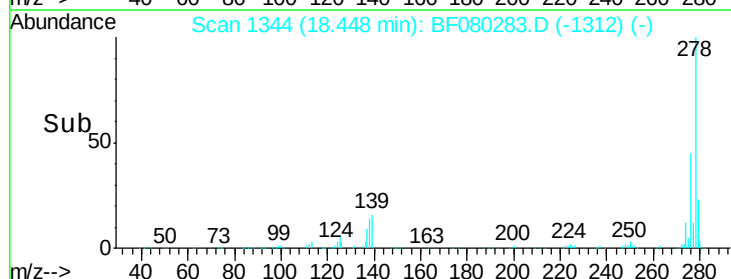
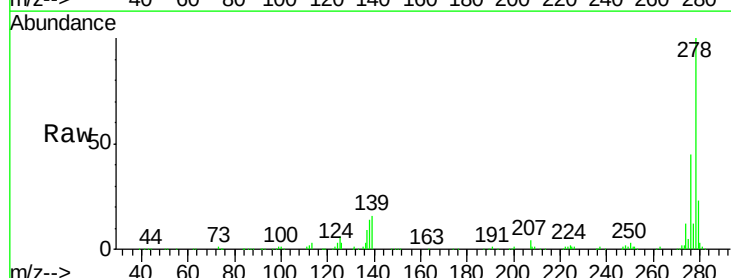
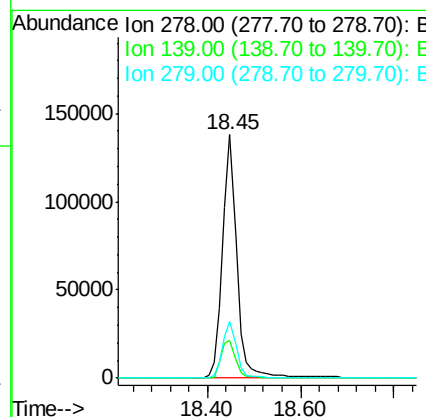
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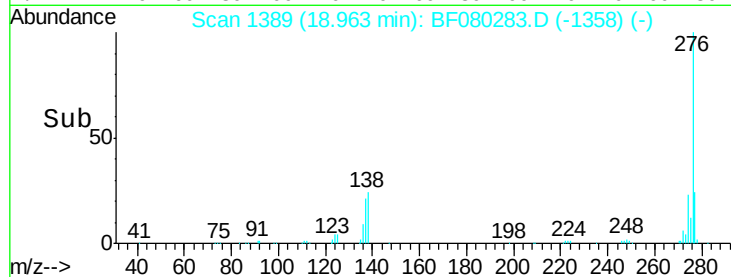
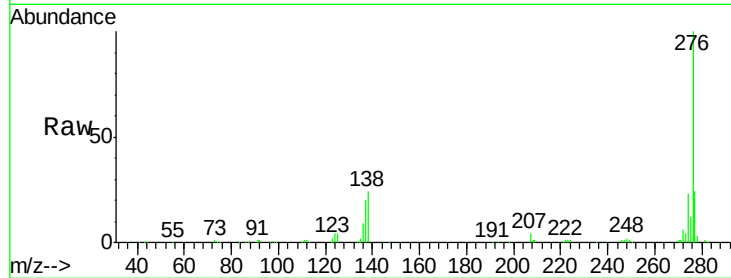
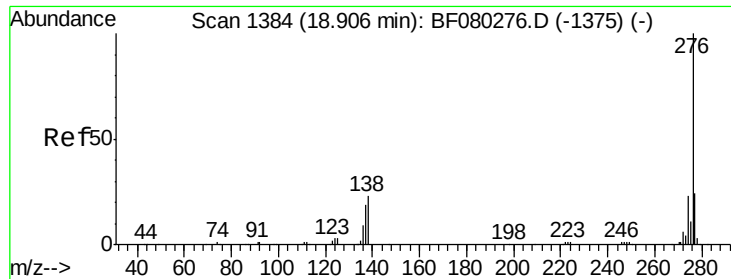
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#90  
Dibenzo(a,h)anthracene  
Concen: 26.20 ng  
RT: 18.45 min Scan# 1344  
Delta R.T. 0.07 min  
Lab File: BF080283.D  
Acq: 1 Jul 2015 21:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 14.6  | 21.8  |
| 279     | 23.1  | 18.7  | 28.1  |





#91

Benzo(g,h,i)perylene

Concen: 26.48 ng

RT: 18.96 min Scan# 1389

Delta R.T. 0.06 min

Lab File: BF080283.D

Acq: 1 Jul 2015 21:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 309095 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.7  | 19.0  | 28.6   |
| 138       | 23.8  | 18.1  | 27.1   |

Instrument :

BNA\_F

ClientSampleId :

PB84307BS

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