

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\  
 Data File : BF078172.D  
 Acq On : 2 Apr 2015 00:49  
 Operator : TP/IZ  
 Sample : PB82482BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

Manual Integrations  
 APPROVED

apatel  
 4/2/2015 5:51:23 PM

Quant Time: Apr 02 13:55:54 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 02 13:21:29 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.01  | 152  | 35628    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.59  | 136  | 150058   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.76 | 164  | 75286    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.59 | 188  | 143283   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.87 | 240  | 144698   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.56 | 264  | 138781   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 269816 | 124.86 | ng | 0.00 |
| 7) Phenol-d6             | 6.60  | 99  | 331208 | 122.30 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.71  | 82  | 190949 | 77.13  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.74 | 330 | 84949  | 136.05 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.94  | 172 | 434343 | 82.47  | ng | 0.00 |
| 78) Terphenyl-d14        | 14.59 | 244 | 504131 | 78.73  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.88 | 88  | 30409  | 31.12 | ng | 97     |
| 3) Pyridine                    | 2.52 | 79  | 92878  | 36.29 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.45 | 42  | 42488m | 43.12 | ng |        |
| 6) Aniline                     | 6.61 | 93  | 61140  | 15.92 | ng | # 39   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 109843 | 42.99 | ng | 99     |
| 10) Phenol                     | 6.62 | 94  | 132169 | 40.73 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.72 | 93  | 102870 | 44.08 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.93 | 146 | 114170 | 40.68 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.04 | 146 | 115009 | 40.71 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.22 | 146 | 109596 | 41.37 | ng | 99     |
| 15) Benzyl Alcohol             | 7.21 | 79  | 81477  | 42.81 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.39 | 45  | 133942 | 43.03 | ng | 100    |
| 17) 2-Methylphenol             | 7.37 | 107 | 87183  | 43.95 | ng | 99     |
| 18) Hexachloroethane           | 7.64 | 117 | 39608  | 41.57 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.55 | 70  | 74161  | 41.51 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.56 | 107 | 114109 | 43.12 | ng | 97     |
| 22) Acetophenone               | 7.54 | 105 | 145527 | 41.62 | ng | 98     |
| 24) Nitrobenzene               | 7.73 | 77  | 103310 | 39.92 | ng | # 79   |
| 25) Isophorone                 | 8.04 | 82  | 197255 | 41.98 | ng | 99     |
| 26) 2-Nitrophenol              | 8.13 | 139 | 53637  | 43.49 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 8.21 | 122 | 99022  | 43.18 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93  | 131246 | 43.56 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.44 | 162 | 89396  | 42.85 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.53 | 180 | 95116  | 39.76 | ng | 100    |
| 31) Naphthalene                | 8.62 | 128 | 312963 | 40.07 | ng | 99     |
| 32) Benzoic acid               | 8.34 | 122 | 39320  | 37.85 | ng | 97     |
| 33) 4-Chloroaniline            | 8.70 | 127 | 57162  | 17.64 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.78 | 225 | 52580  | 40.03 | ng | 98     |
| 35) Caprolactam                | 9.13 | 113 | 26772  | 42.99 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 9.32 | 107 | 92799  | 44.08 | ng | 97     |
| 37) 2-Methylnaphthalene        | 9.48 | 142 | 222132 | 41.89 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.69 | 216 | 95731  | 41.04 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.68 | 237 | 90803  | 89.53 | ng | 97     |
| 42) 2,4,6-Trichlorophenol      | 9.84 | 196 | 62383  | 42.40 | ng | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 43) 2,4,5-Trichlorophenol      | 9.89  | 196  | 65541    | 42.64 | nq    | # 85     |
| 45) 1,1'-Biphenyl              | 10.06 | 154  | 256582   | 41.67 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 10.08 | 162  | 202914   | 41.88 | nq    | 99       |
| 47) 2-Nitroaniline             | 10.21 | 65   | 51835    | 43.24 | nq    | 99       |
| 48) Acenaphthylene             | 10.59 | 152  | 329149   | 42.07 | nq    | 100      |
| 49) Dimethylphthalate          | 10.45 | 163  | 233054   | 41.20 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.53 | 165  | 54256    | 46.62 | nq    | 98       |
| 51) Acenaphthene               | 10.80 | 154  | 183218   | 41.59 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.73 | 138  | 32986    | 24.93 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 10.86 | 184  | 37980    | 82.59 | nq    | 97       |
| 54) Dibenzofuran               | 11.01 | 168  | 293311   | 43.59 | nq    | 100      |
| 55) 4-Nitrophenol              | 10.97 | 139  | 80025    | 82.06 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 11.02 | 165  | 70192    | 46.57 | nq    | 95       |
| 57) Fluorene                   | 11.44 | 166  | 234805   | 43.05 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.17 | 232  | 54479m   | 47.81 | nq    |          |
| 59) Diethylphthalate           | 11.33 | 149  | 234109   | 42.93 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.46 | 204  | 106130   | 42.30 | nq    | 96       |
| 61) 4-Nitroaniline             | 11.48 | 138  | 54320    | 40.61 | nq    | 99       |
| 62) Azobenzene                 | 11.64 | 77   | 221603   | 44.52 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 11.52 | 198  | 26884    | 39.62 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 11.61 | 169  | 209908   | 42.35 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 12.05 | 248  | 65454    | 43.13 | nq    | 97       |
| 67) Hexachlorobenzene          | 12.11 | 284  | 71154    | 42.79 | nq    | 99       |
| 68) Atrazine                   | 12.28 | 200  | 65449    | 45.59 | nq    | 98       |
| 69) Pentachlorophenol          | 12.36 | 266  | 60994    | 82.45 | nq    | 98       |
| 70) Phenanthrene               | 12.63 | 178  | 361970   | 43.67 | nq    | 99       |
| 71) Anthracene                 | 12.68 | 178  | 354883   | 43.45 | nq    | 98       |
| 72) Carbazole                  | 12.90 | 167  | 338874   | 44.27 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.36 | 149  | 381540   | 44.00 | nq    | 99       |
| 74) Fluoranthene               | 14.09 | 202  | 373176   | 42.69 | nq    | 98       |
| 76) Benzidine                  | 14.28 | 184  | 137452   | 24.67 | nq    | 99       |
| 77) Pyrene                     | 14.37 | 202  | 404785   | 44.56 | nq    | 99       |
| 79) Butylbenzylphthalate       | 15.21 | 149  | 161694   | 46.70 | nq    | 98       |
| 80) Benzo(a)anthracene         | 15.86 | 228  | 362349   | 42.09 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.84 | 252  | 47974    | 16.64 | nq    | # 96     |
| 82) Chrysene                   | 15.89 | 228  | 335598   | 41.49 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 15.93 | 149  | 246128   | 45.33 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 16.71 | 149  | 423273   | 47.47 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 18.87 | 276  | 391896   | 42.70 | nq    | # 87     |
| 87) Benzo(b)fluoranthene       | 17.13 | 252  | 348227   | 40.60 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 17.16 | 252  | 357127m  | 46.85 | nq    |          |
| 89) Benzo(a)pyrene             | 17.49 | 252  | 338651   | 45.24 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 18.90 | 278  | 323842   | 43.21 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 19.25 | 276  | 325316   | 43.29 | nq    | 96       |
| -----                          |       |      |          |       |       |          |

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

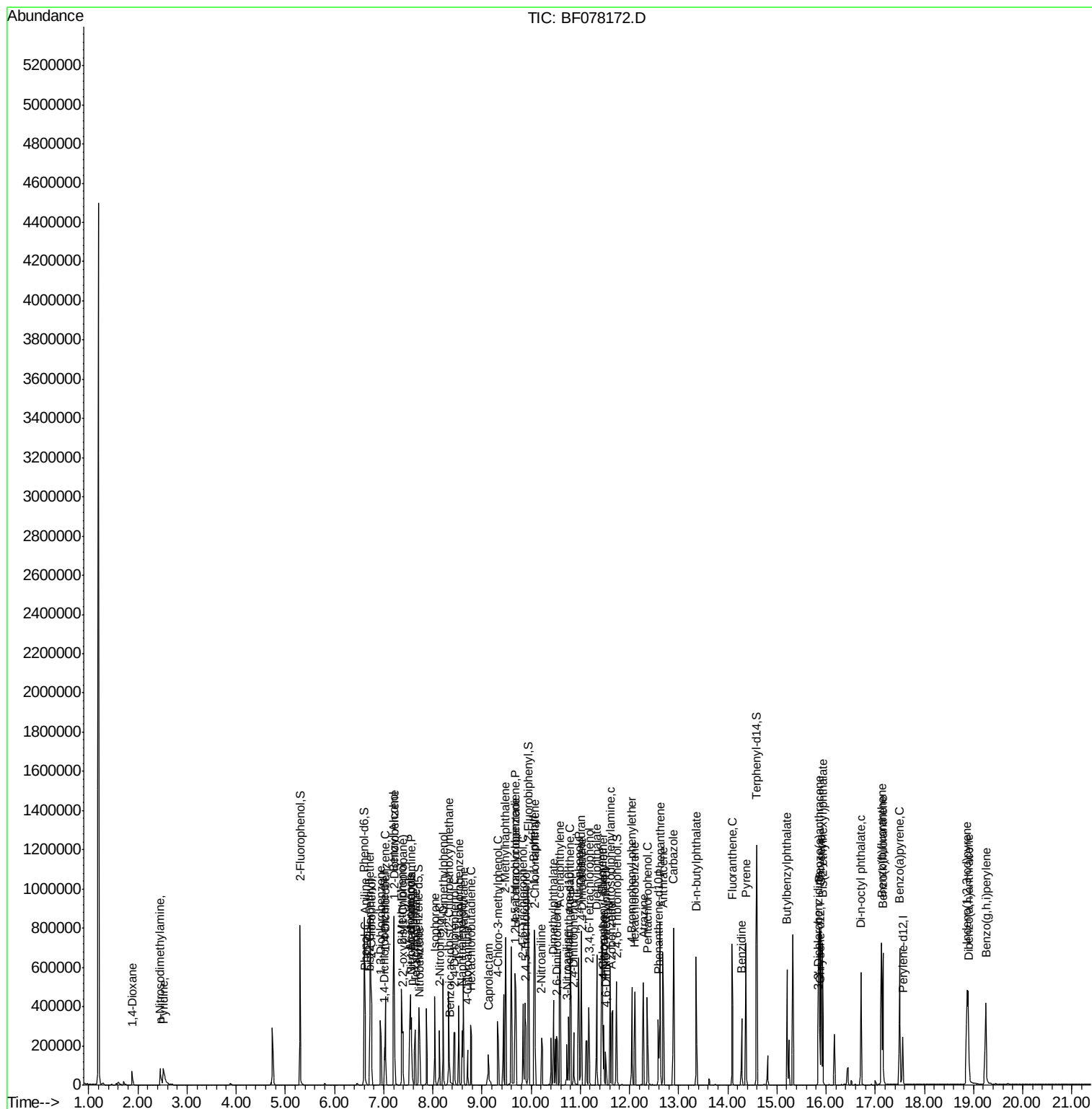
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\  
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Operator  : TP/IZ  
Sample    : PB82482BS  
Misc      :  
ALS Vial  : 19 Sample Multiplier: 1
```

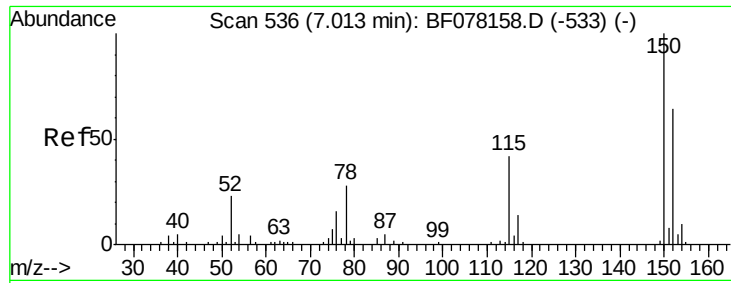
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB82482BS

## Manual Integrations APPROVED

apatel  
4/2/2015 5:51:23 PM

Quant Time: Apr 02 13:55:54 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
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#1

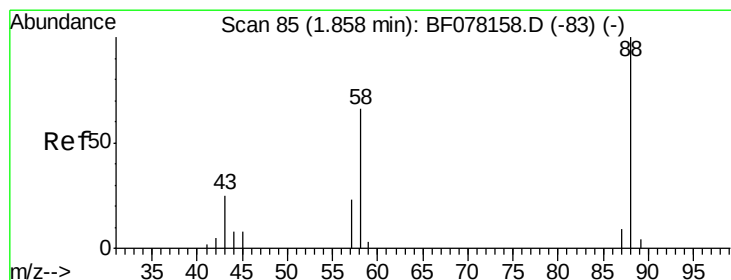
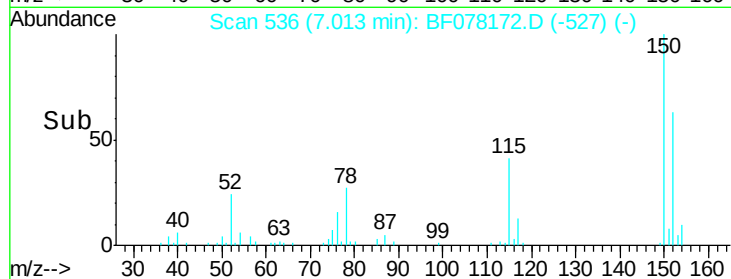
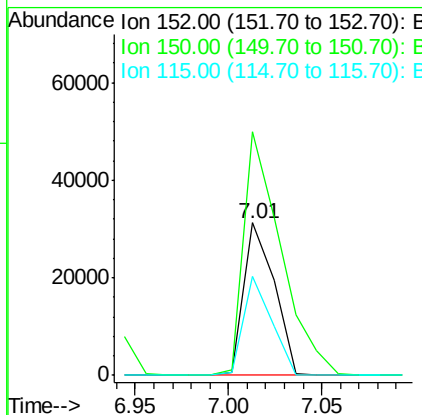
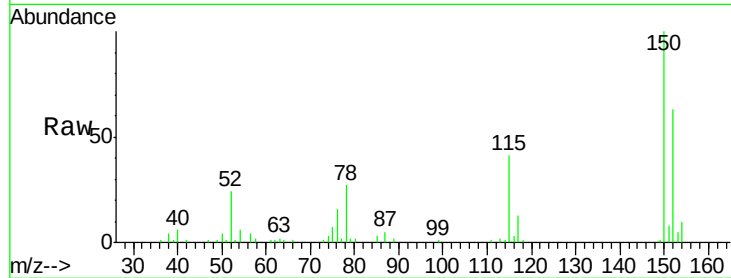
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.01 min Scan# 536  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.5 | 125.9 | 188.9 |
| 115     | 65.2  | 52.7  | 79.1  |

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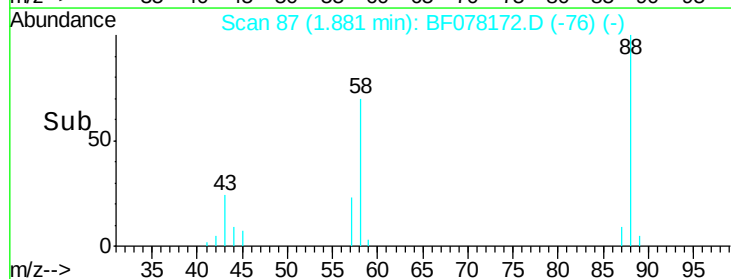
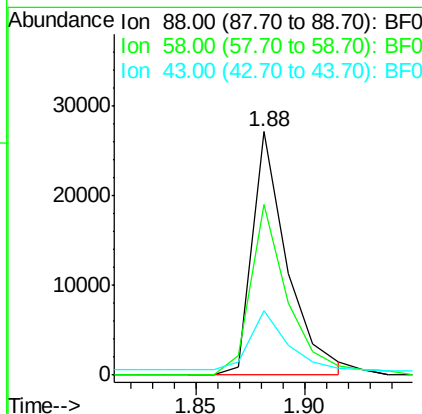
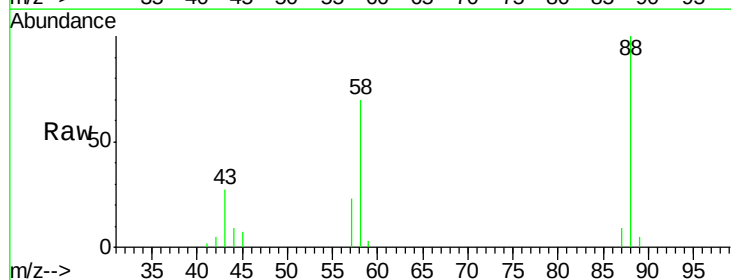
apatel  
4/2/2015 5:51:23 PM

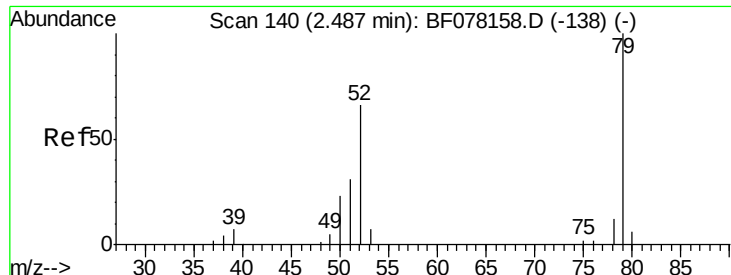


#2

1,4-Dioxane  
Concen: 31.12 ng  
RT: 1.88 min Scan# 87  
Delta R.T. 0.02 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.1  | 56.9  | 85.3  |
| 43      | 25.9  | 21.4  | 32.2  |





#3

Pvridine

Concen: 36.29 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

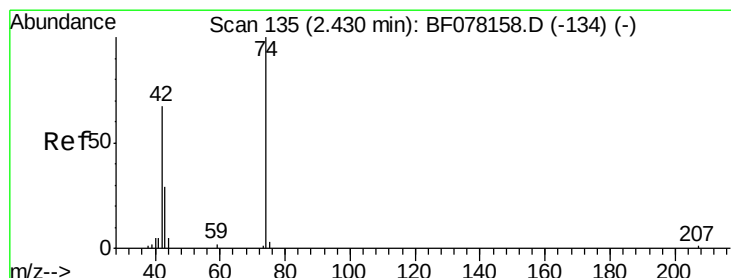
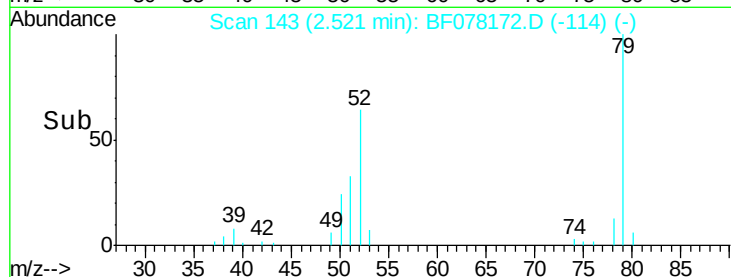
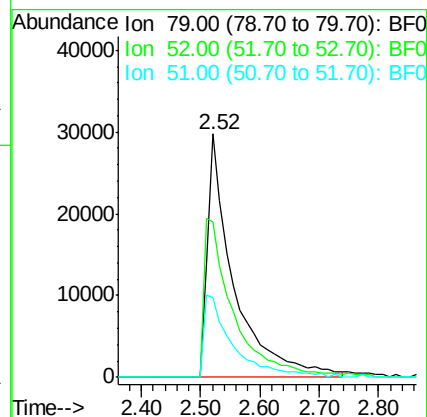
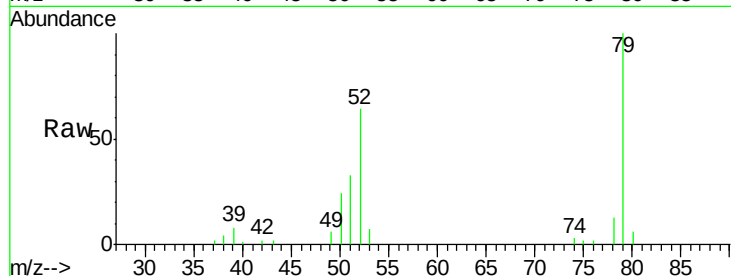
ClientSampleId :

PB82482BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 92878 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 63.8  | 52.4  | 78.6  |
| 51       | 32.9  | 24.9  | 37.3  |

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#4

n-Nitrosodimethylamine

Concen: 43.12 ng m

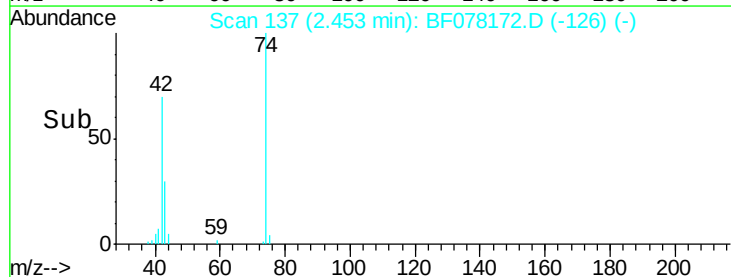
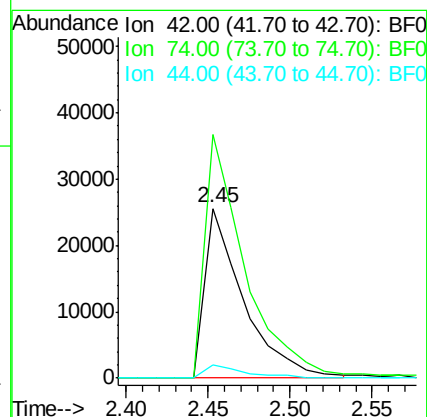
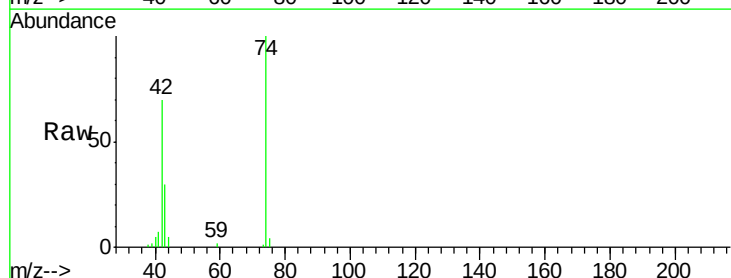
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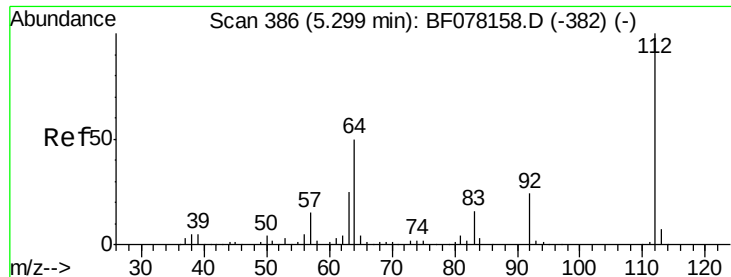
Delta R.T. 0.02 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 42488 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 143.6 | 118.7 | 178.1 |
| 44       | 7.7   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 124.86 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

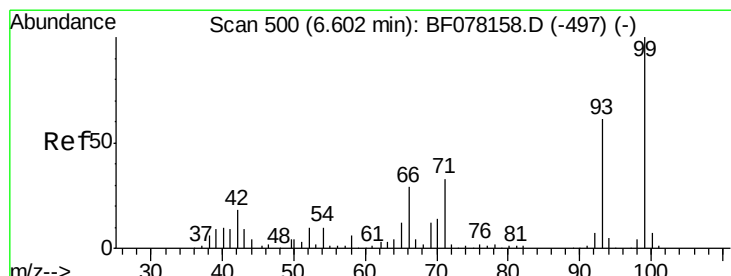
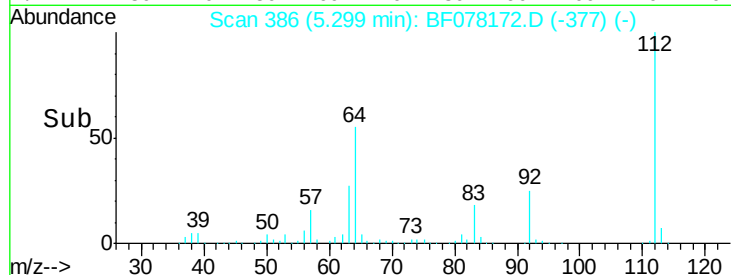
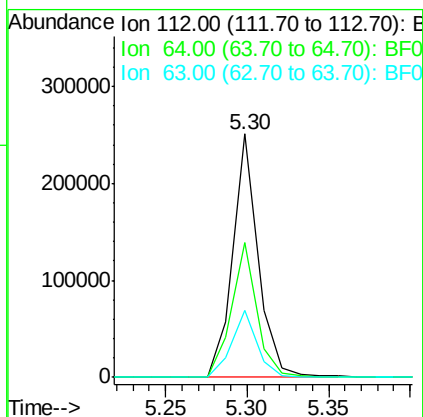
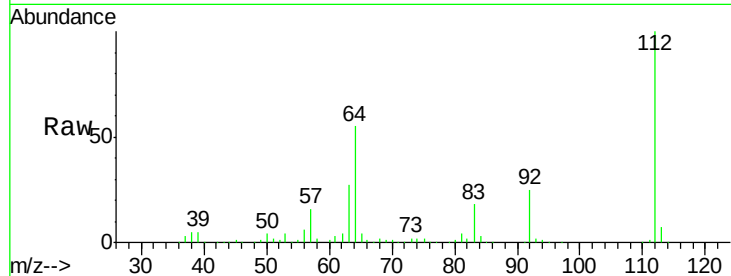
ClientSampleId :

PB82482BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 269816 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.1  | 39.9  | 59.9   |
| 63        | 27.4  | 20.2  | 30.4   |

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#6

Aniline

Concen: 15.92 ng

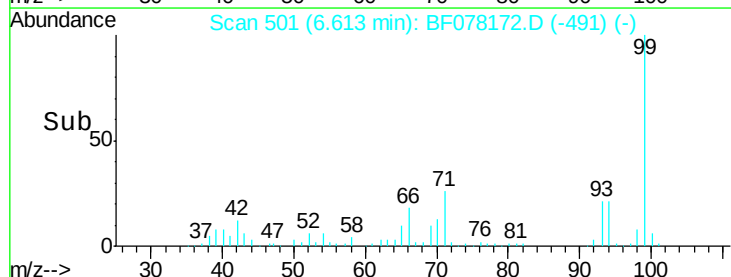
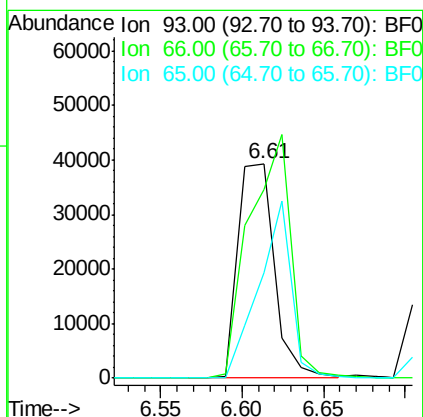
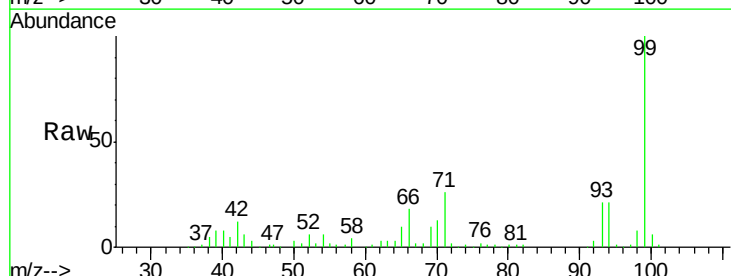
RT: 6.61 min Scan# 501

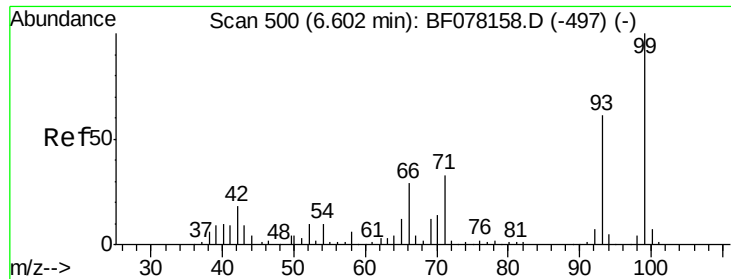
Delta R.T. 0.01 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 61140 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 87.8  | 38.0  | 57.0# |
| 65        | 49.1  | 16.3  | 24.5# |





#7

Phenol-d6

Concen: 122.30 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

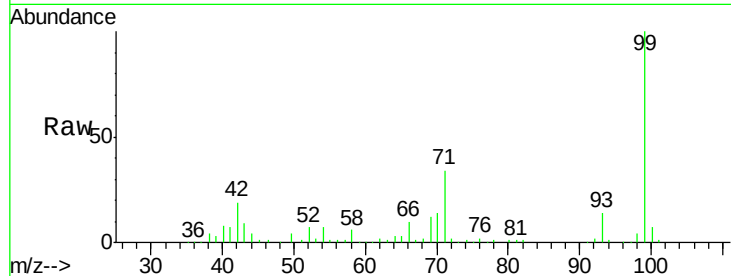
ClientSampleId :

PB82482BS

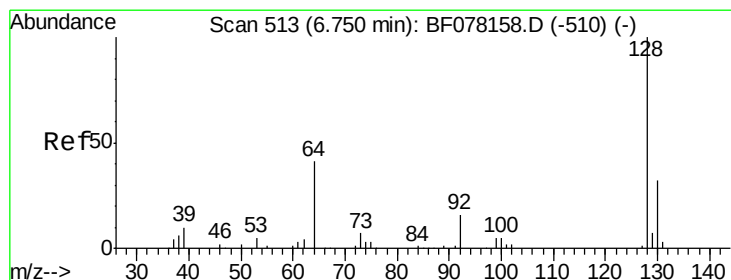
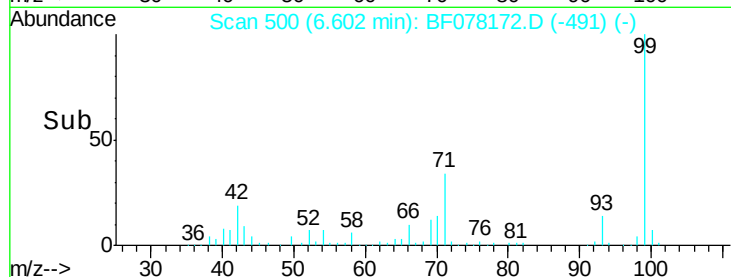
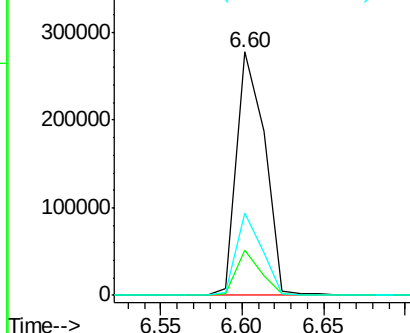
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 331208 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.6  | 14.8  | 22.2   |
| 71        | 34.0  | 26.6  | 39.8   |

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



#8

2-Chlorophenol

Concen: 42.99 ng

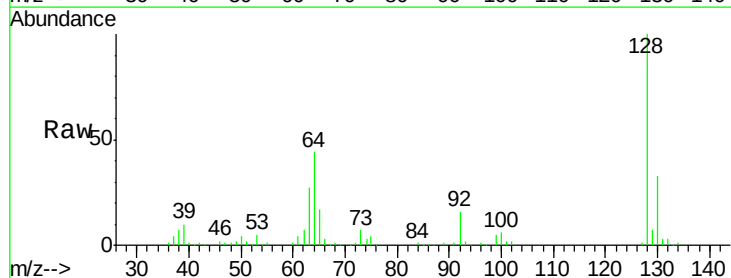
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

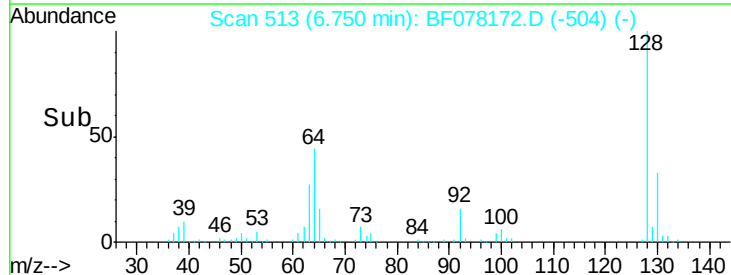
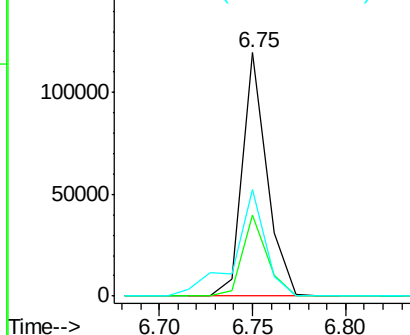
Lab File: BF078172.D

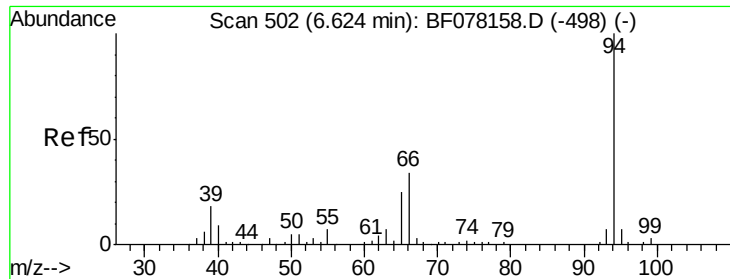
Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 109843 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.0  | 12.3  | 52.3   |
| 64        | 44.0  | 23.8  | 63.8   |



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





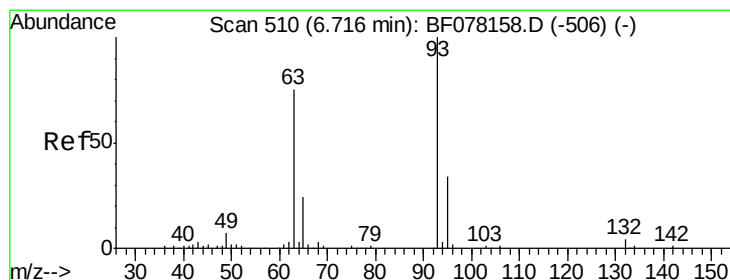
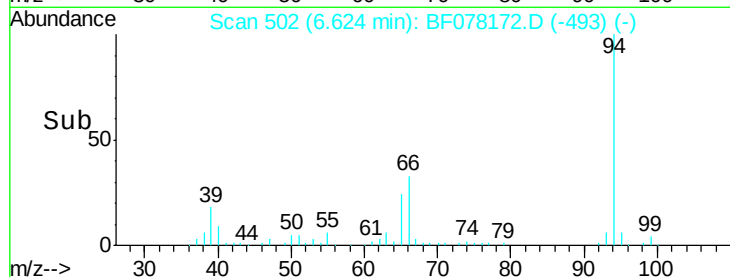
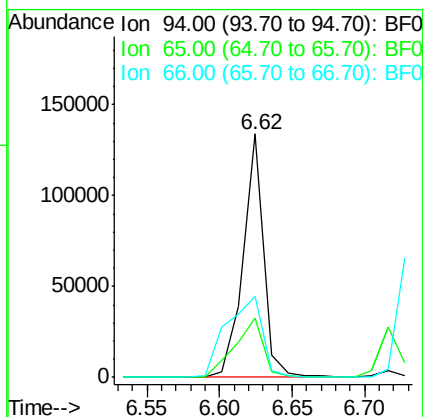
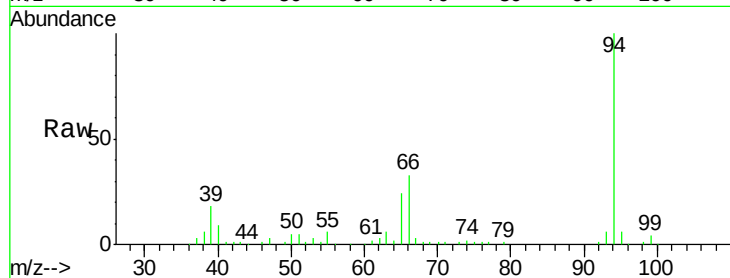
#10  
Phenol  
Concen: 40.73 ng  
RT: 6.62 min Scan# 502  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 24.2  | 4.9   | 44.9  |
| 66      | 33.3  | 13.8  | 53.8  |

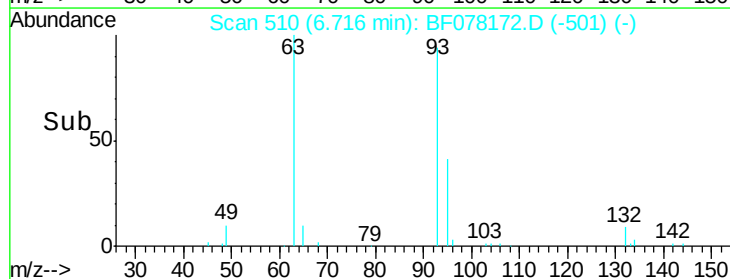
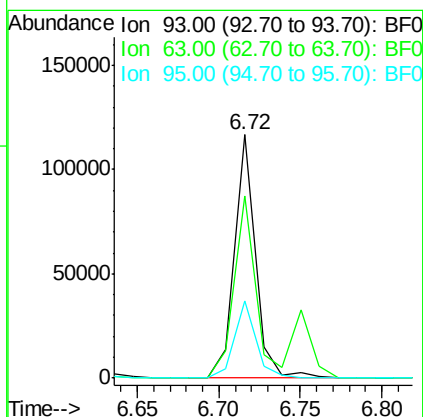
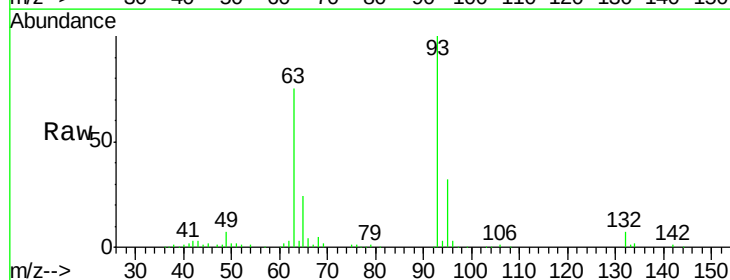
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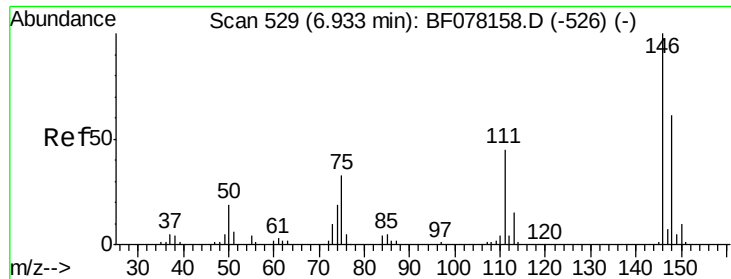


#11  
bis(2-Chloroethyl)ether  
Concen: 44.08 ng  
RT: 6.72 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.9  | 54.6  | 94.6  |
| 95      | 31.6  | 13.6  | 53.6  |







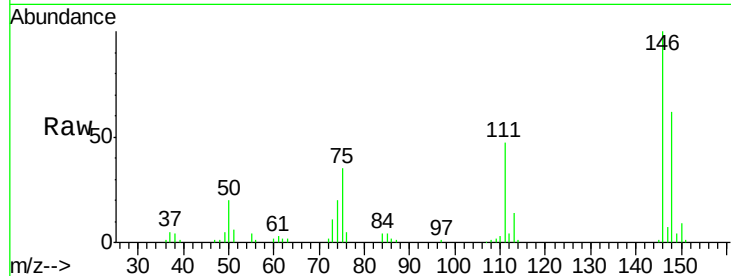
#12  
 1,3-Dichlorobenzene  
 Concen: 40.68 ng  
 RT: 6.93 min Scan# 529  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

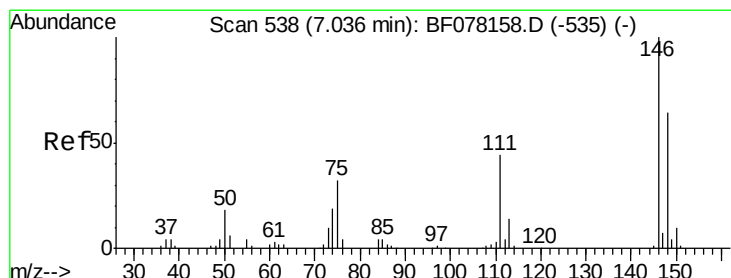
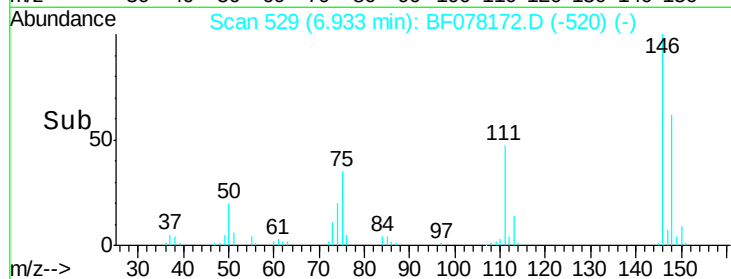
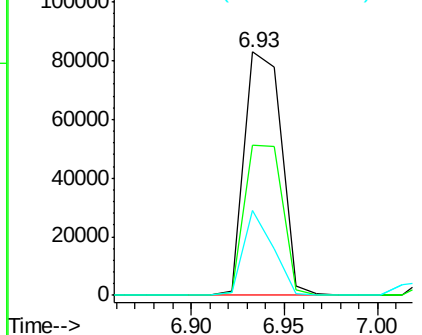
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.8  | 49.1  | 73.7  |
| 75      | 34.7  | 26.6  | 40.0  |

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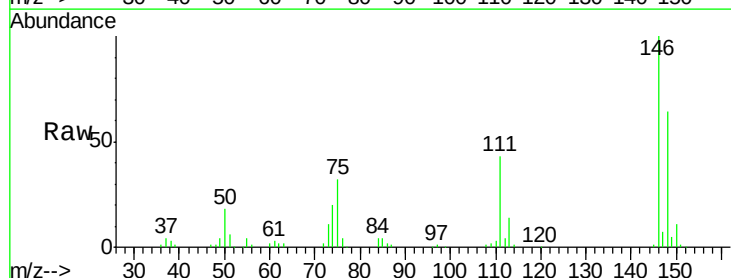


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF0

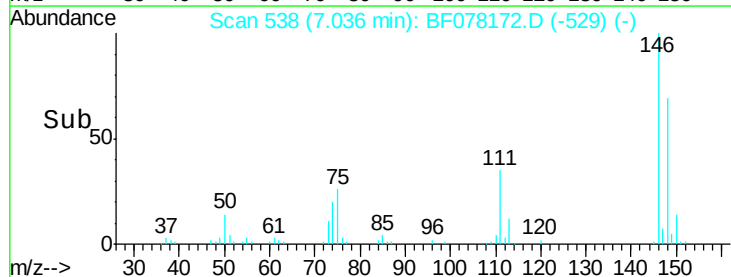
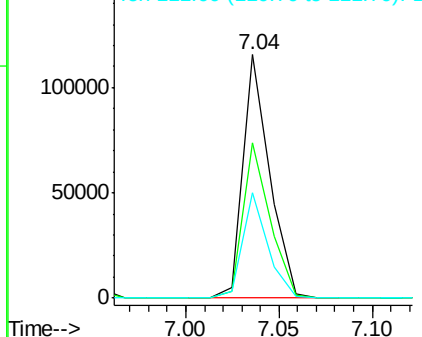


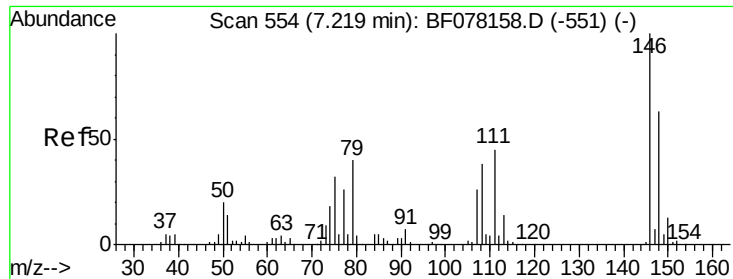
#13  
 1,4-Dichlorobenzene  
 Concen: 40.71 ng  
 RT: 7.04 min Scan# 538  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.4  | 77.0  |
| 111     | 43.5  | 35.0  | 52.4  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





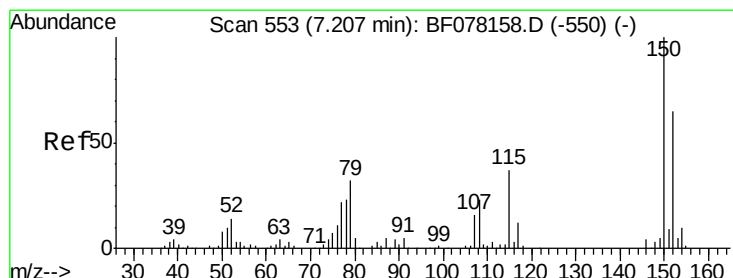
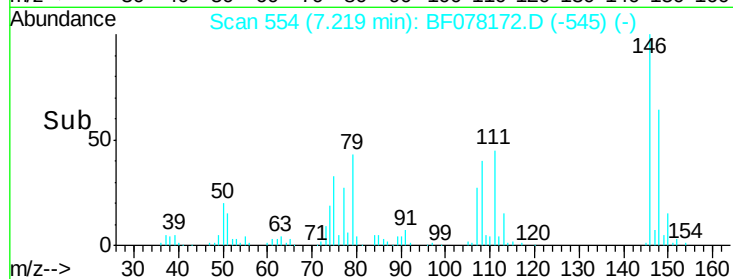
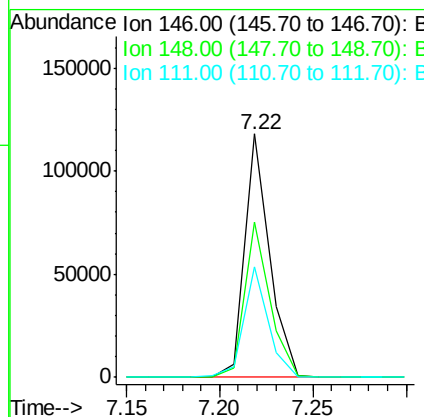
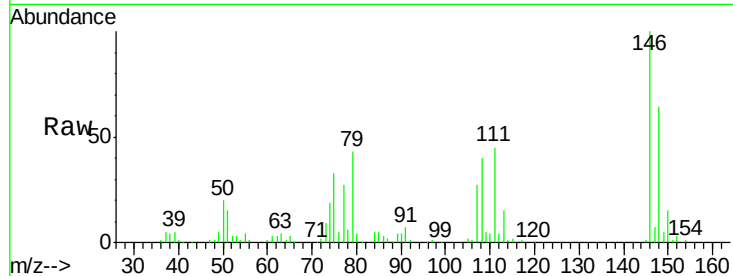
#14  
1,2-Dichlorobenzene  
Concen: 41.37 ng  
RT: 7.22 min Scan# 554  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.2  | 75.4  |
| 111     | 45.5  | 36.1  | 54.1  |

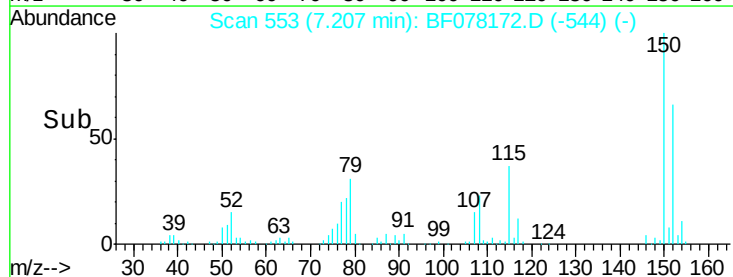
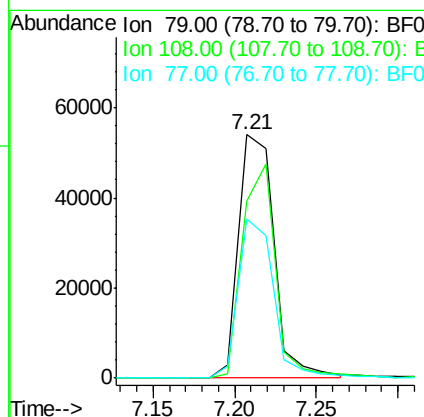
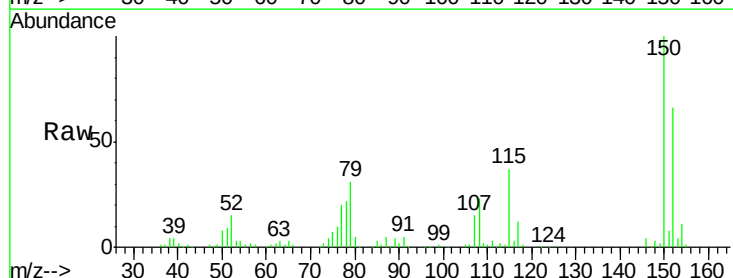
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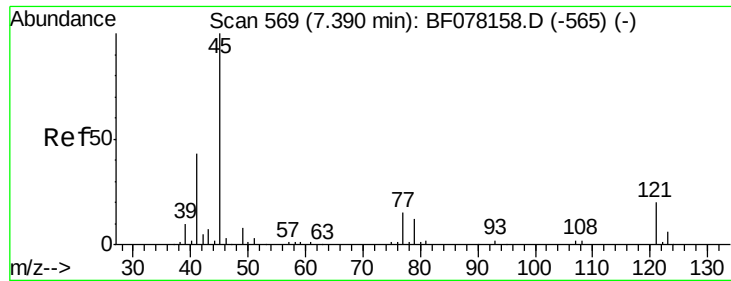
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#15  
Benzyl Alcohol  
Concen: 42.81 ng  
RT: 7.21 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 72.8  | 57.6  | 86.4  |
| 77      | 65.3  | 53.5  | 80.3  |





#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.03 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

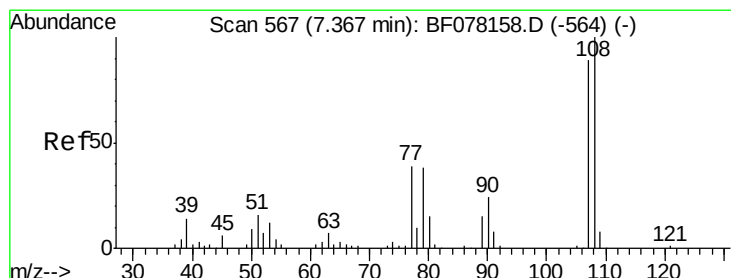
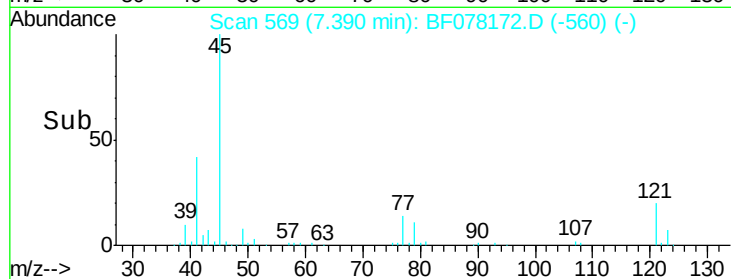
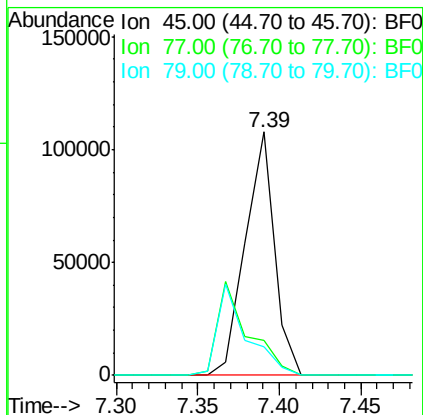
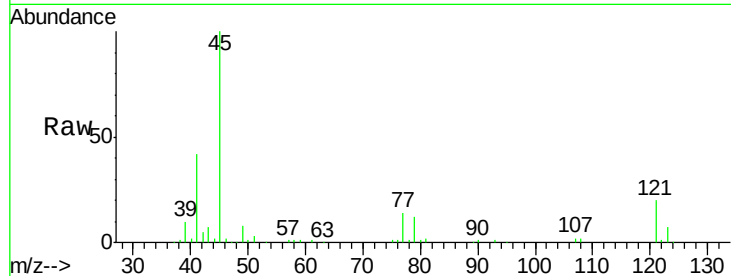
ClientSampleId :

PB82482BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 45   | Resp: | 133942 |
| Ion Ratio |      | Lower | Upper  |
| 45        | 100  |       |        |
| 77        | 14.5 | 0.0   | 34.5   |
| 79        | 11.6 | 0.0   | 31.9   |

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#17

2-Methylphenol

Concen: 43.95 ng

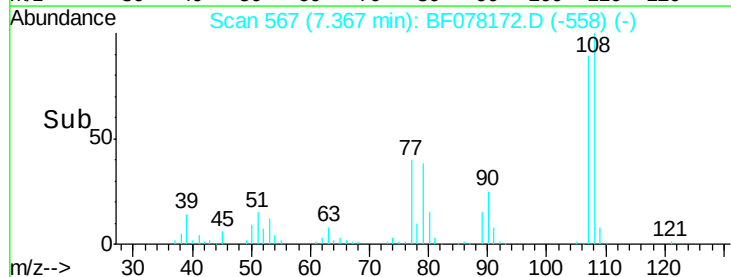
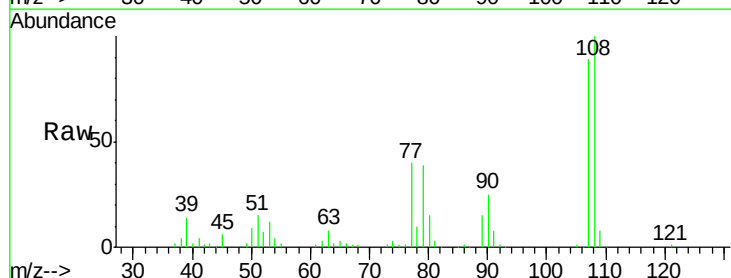
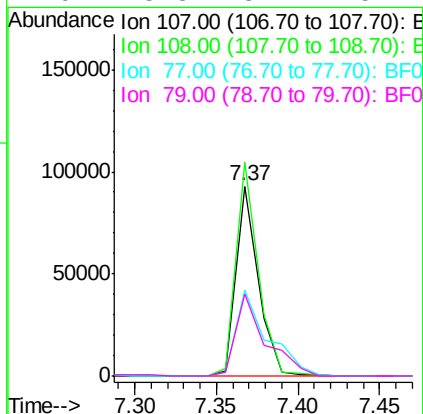
RT: 7.37 min Scan# 567

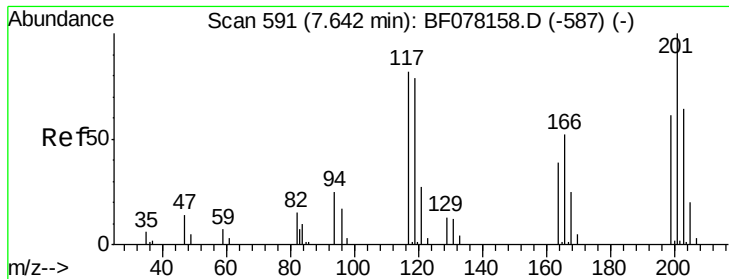
Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 87183 |
| Ion Ratio |       | Lower | Upper |
| 107       | 100   |       |       |
| 108       | 112.4 | 90.3  | 135.5 |
| 77        | 45.0  | 35.5  | 53.3  |
| 79        | 43.3  | 34.2  | 51.4  |





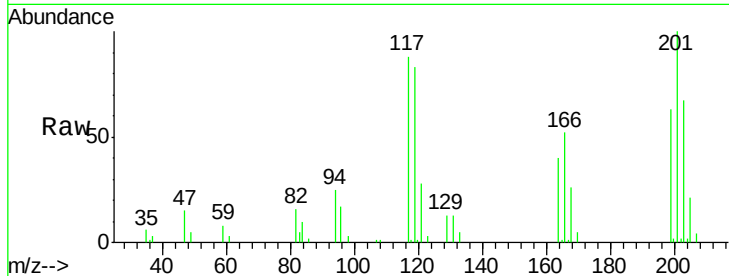
#18  
Hexachloroethane  
Concen: 41.57 ng  
RT: 7.64 min Scan# 591  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |       |
| 119     | 95.3  | 77.0  | 115.6 |       |       |
| 201     | 114.2 | 98.1  | 147.1 |       |       |

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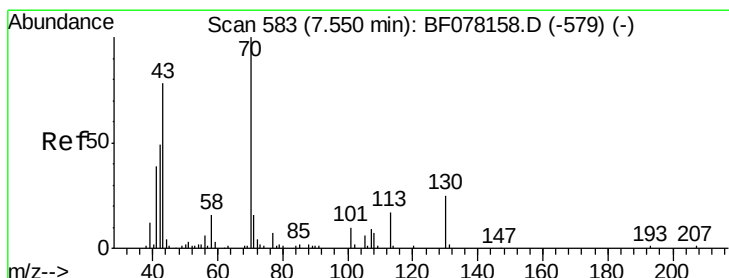
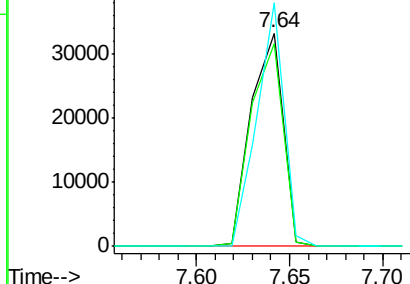
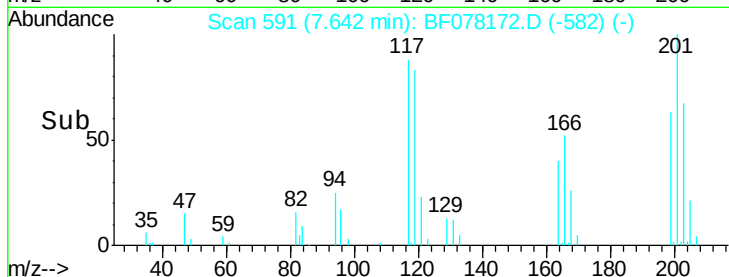


Abundance

Ion 117.00 (116.70 to 117.70): E

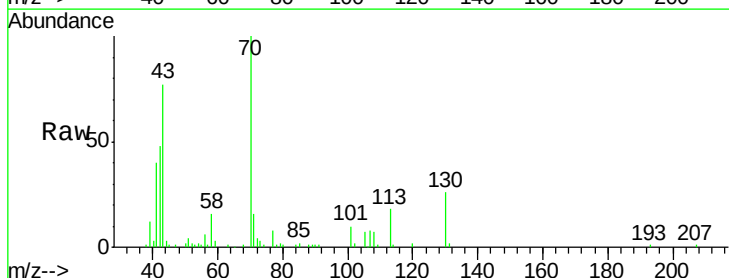
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19  
n-Nitroso-di-n-propylamine  
Concen: 41.51 ng  
RT: 7.55 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 47.9 | 38.9  | 58.3 |       |       |
| 101     | 10.1 | 8.3   | 12.5 |       |       |
| 130     | 26.3 | 19.8  | 29.8 |       |       |



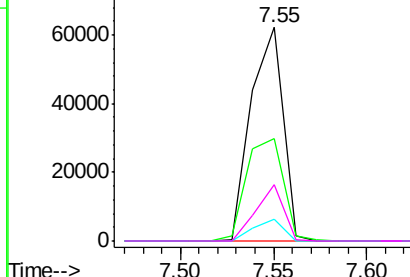
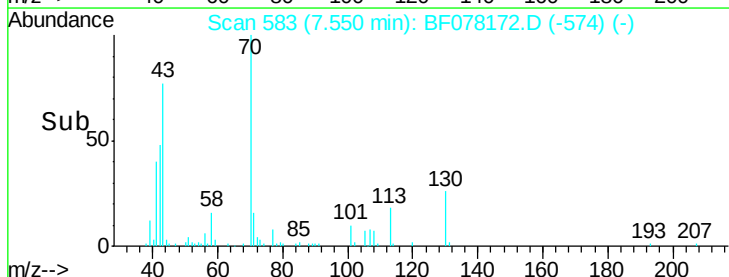
Abundance

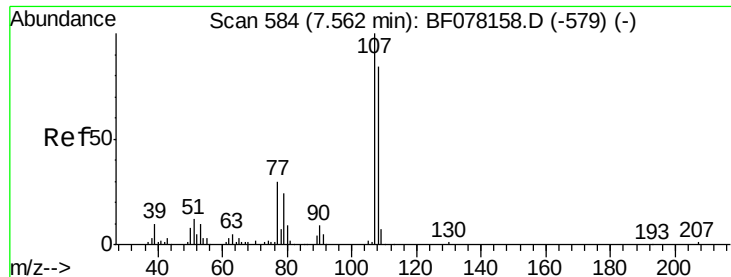
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 43.12 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

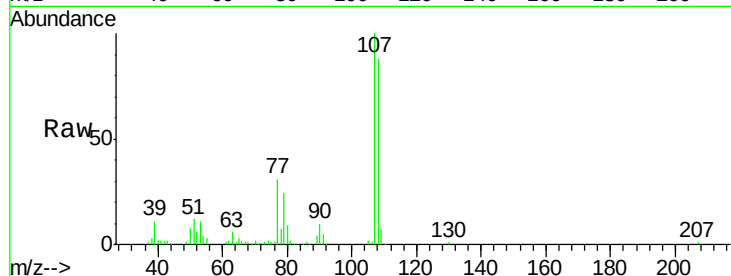
ClientSampleId :

PB82482BS

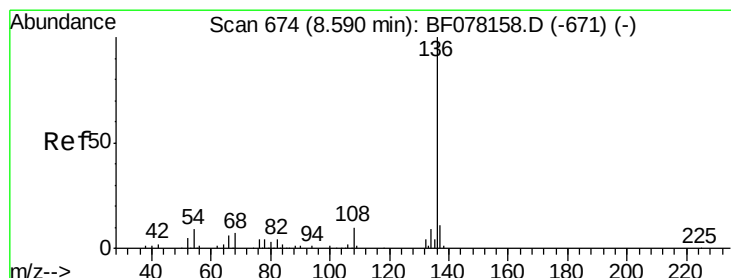
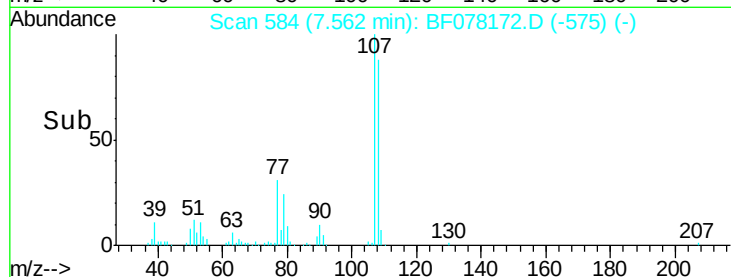
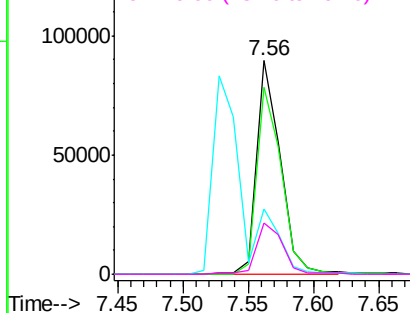
| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 107     | 107 | 100   | 114109 |       |       |
| 108     | 108 | 87.6  | 64.4   | 104.4 |       |
| 77      | 77  | 30.7  | 9.7    | 49.7  |       |
| 79      | 79  | 23.9  | 4.0    | 44.0  |       |

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Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

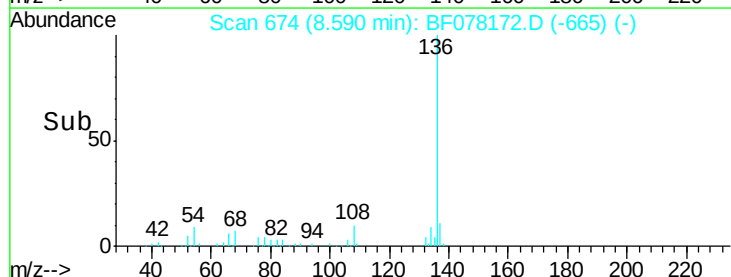
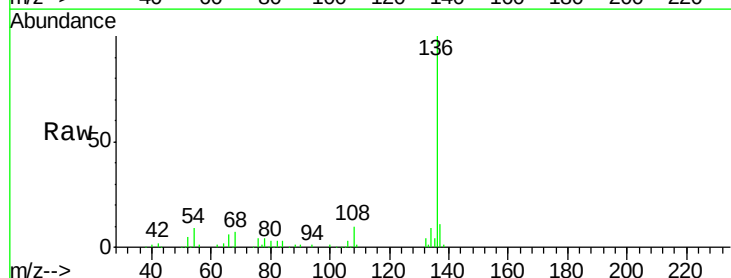
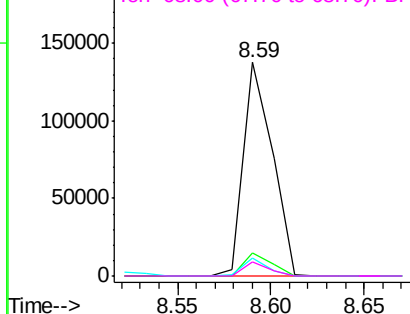
Delta R.T. -0.00 min

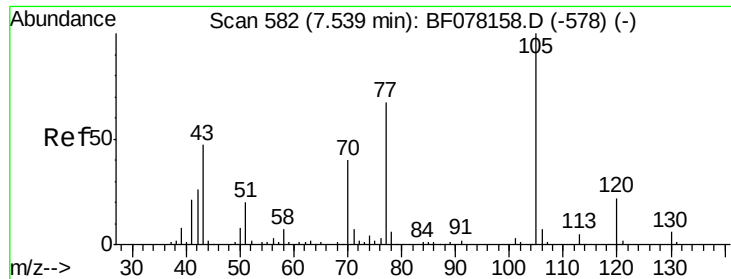
Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 136     | 136 | 100   | 150058 |       |       |
| 137     | 137 | 10.8  | 9.0    | 13.4  |       |
| 54      | 54  | 8.6   | 7.0    | 10.6  |       |
| 68      | 68  | 6.7   | 5.4    | 8.2   |       |

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





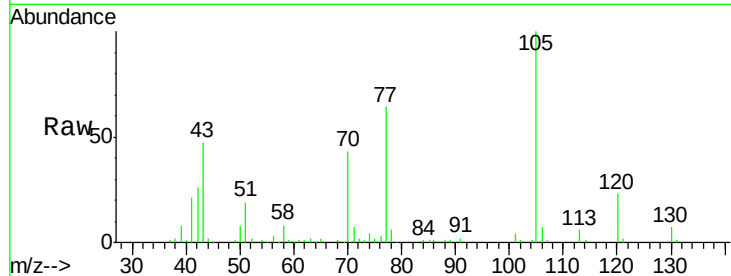
#22  
Acetophenone  
Concen: 41.62 ng  
RT: 7.54 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

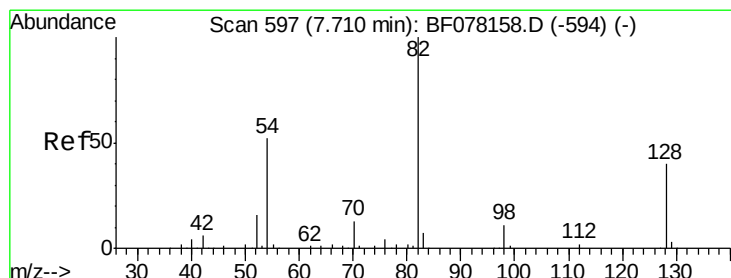
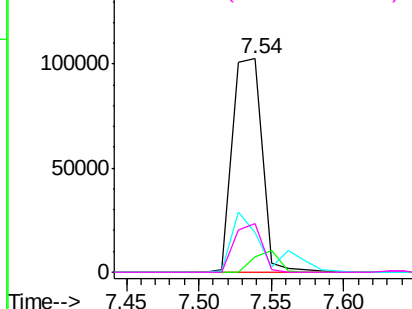
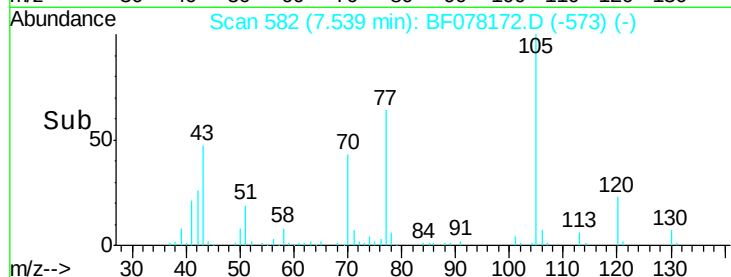
| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 105     | 105 | 100   | 145527 |       |       |
| 71      | 71  | 7.3   | 5.5    | 8.3   |       |
| 51      | 51  | 18.8  | 16.0   | 24.0  |       |
| 120     | 120 | 22.9  | 17.8   | 26.6  |       |

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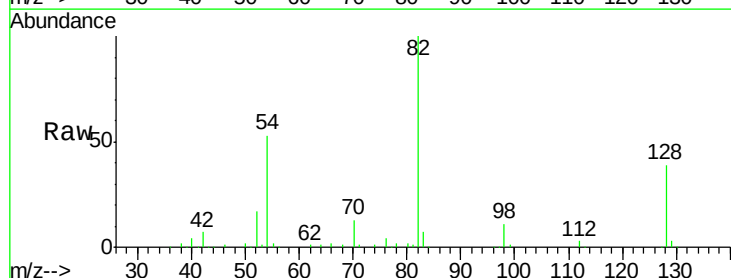


Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E

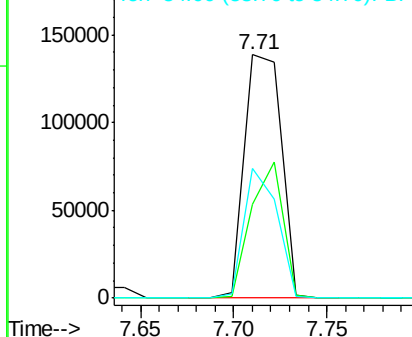
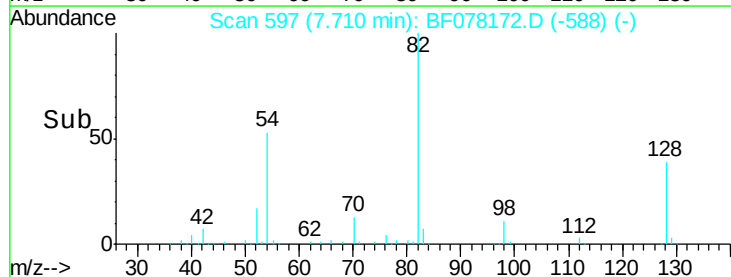


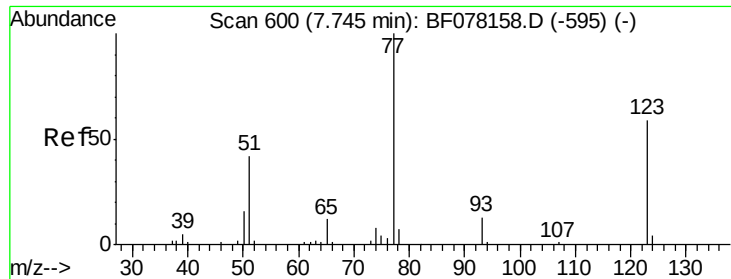
#23  
Nitrobenzene-d5  
Concen: 77.13 ng  
RT: 7.71 min Scan# 597  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 82      | 82  | 100   | 190949 |       |       |
| 128     | 128 | 38.8  | 31.8   | 47.8  |       |
| 54      | 54  | 53.1  | 41.5   | 62.3  |       |



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





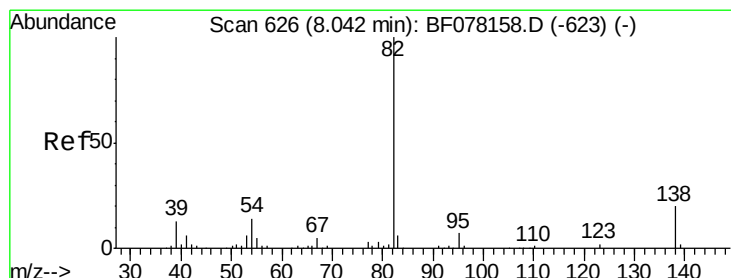
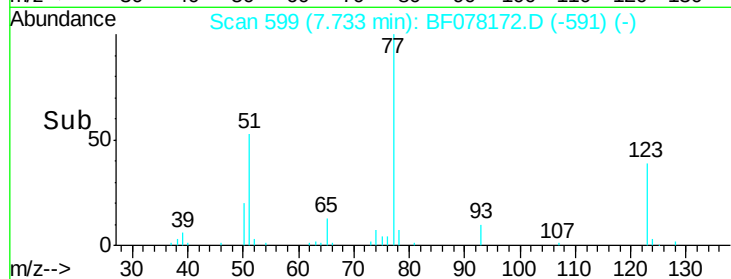
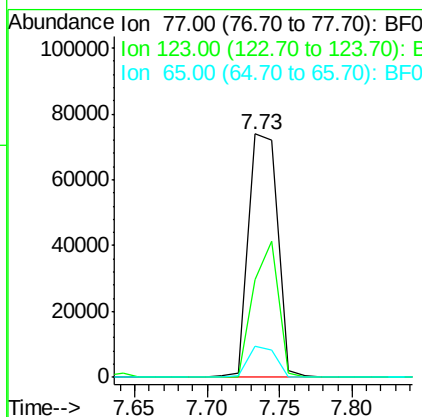
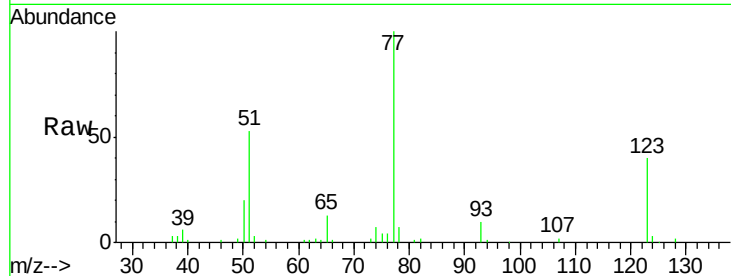
#24  
 Nitrobenzene  
 Concen: 39.92 ng  
 RT: 7.73 min Scan# 599  
 Delta R.T. -0.01 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.4  | 46.9  | 70.3# |
| 65      | 12.8  | 9.5   | 14.3  |

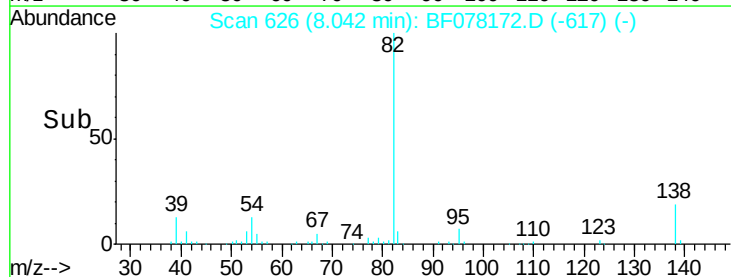
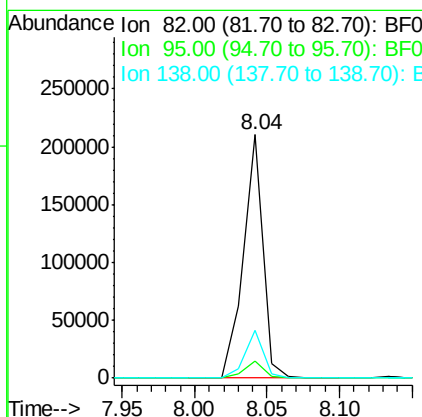
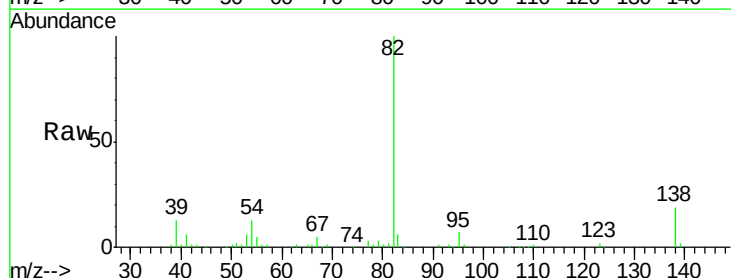
Manual Integrations  
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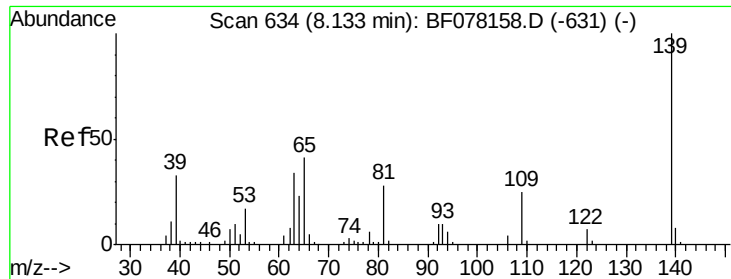
apatel  
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#25  
 Isophorone  
 Concen: 41.98 ng  
 RT: 8.04 min Scan# 626  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.3   | 5.7   | 8.5   |
| 138     | 19.5  | 15.8  | 23.8  |





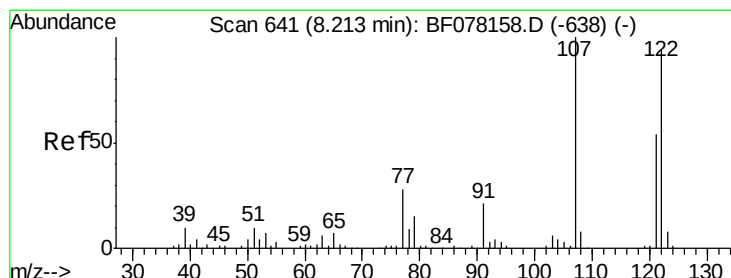
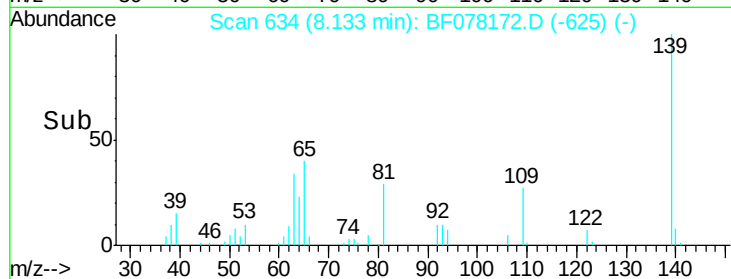
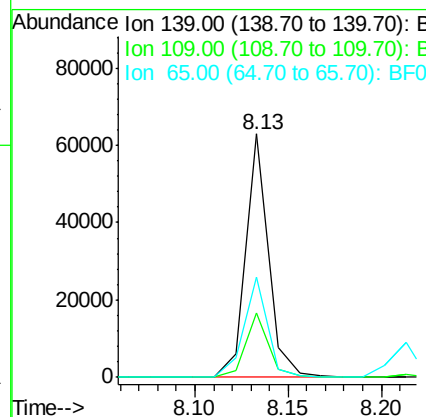
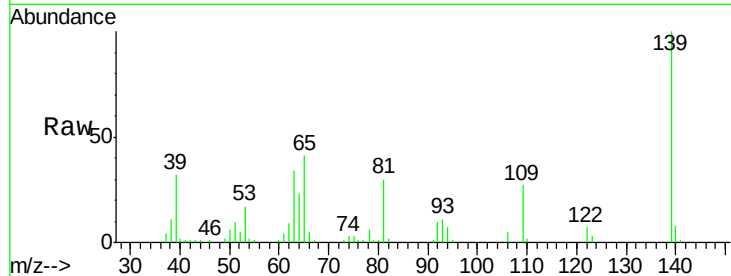
#26  
 2-Nitrophenol  
 Concen: 43.49 ng  
 RT: 8.13 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 53637 |       |       |
| 109     | 26.6  | 19.8  | 29.8  |       |
| 65      | 41.0  | 32.7  | 49.1  |       |

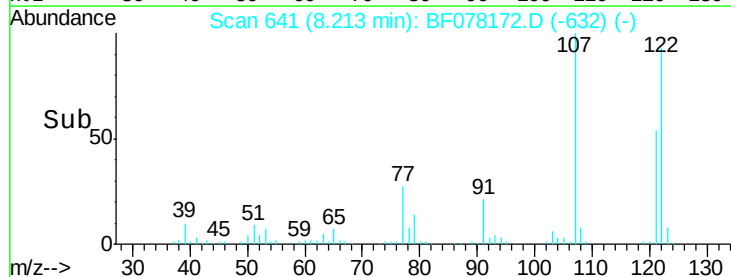
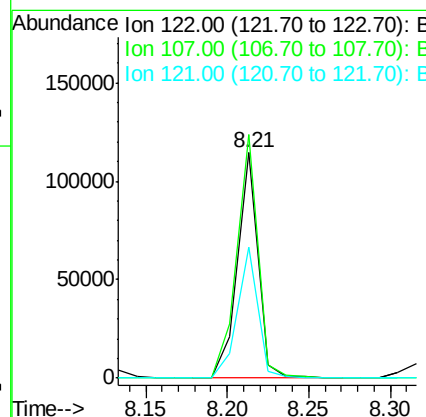
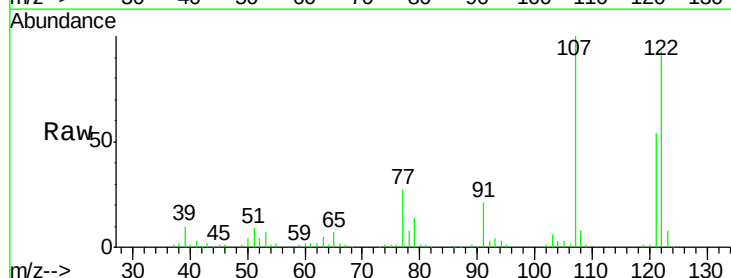
Manual Integrations  
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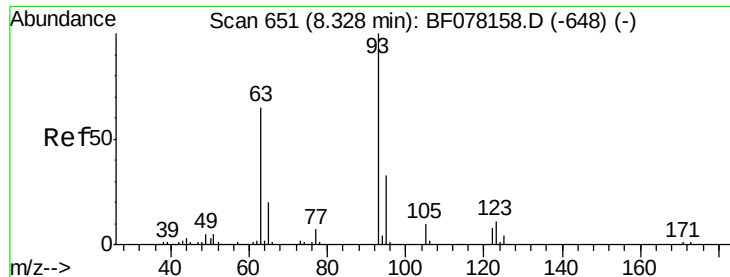


#27  
 2,4-Dimethylphenol  
 Concen: 43.18 ng  
 RT: 8.21 min Scan# 641  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 99022 |       |       |
| 107     | 108.0 | 84.6  | 127.0 |       |
| 121     | 58.2  | 46.0  | 69.0  |       |







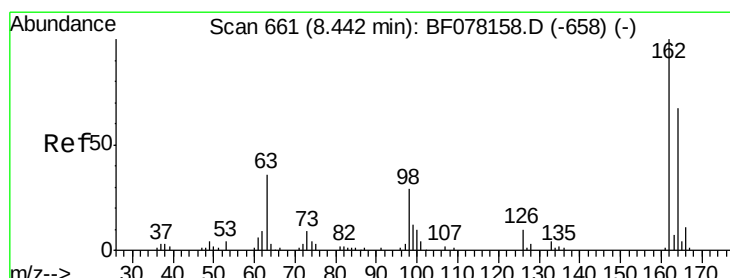
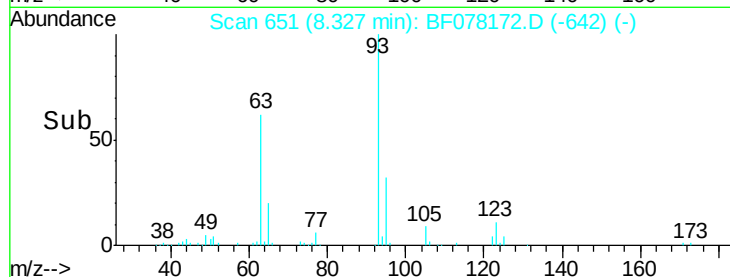
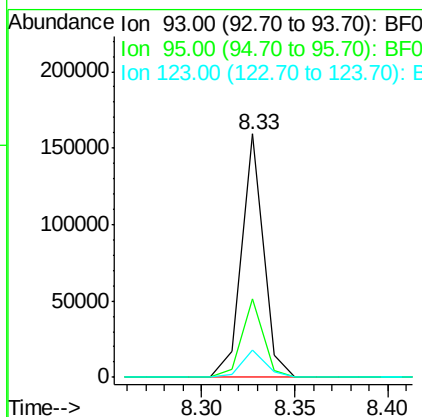
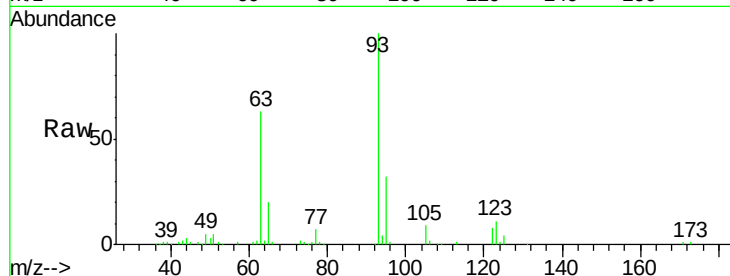
#28  
bis(2-Chloroethoxy)methane  
Concen: 43.56 ng  
RT: 8.33 min Scan# 651  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 32.3  | 26.3 | 39.5  |       |
| 123     | 11.4  | 9.1  | 13.7  |       |

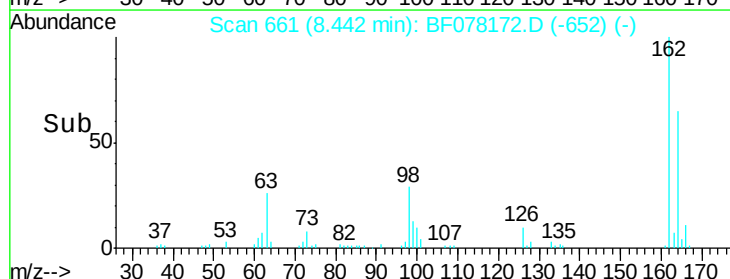
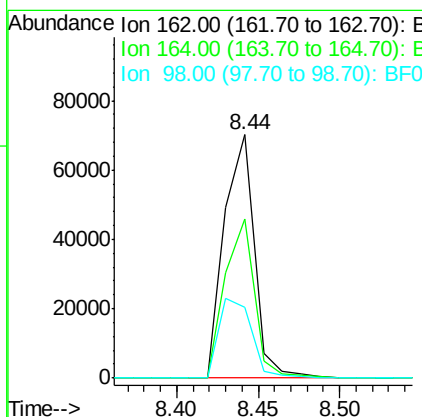
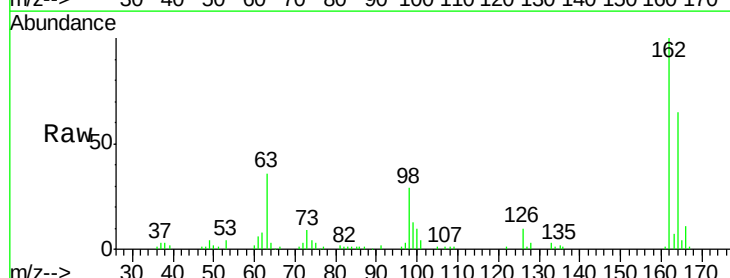
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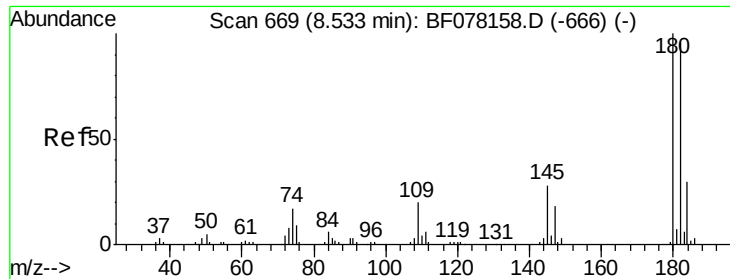
apatel  
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#29  
2,4-Dichlorophenol  
Concen: 42.85 ng  
RT: 8.44 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 65.5  | 47.0 | 87.0  |       |
| 98      | 29.3  | 9.2  | 49.2  |       |





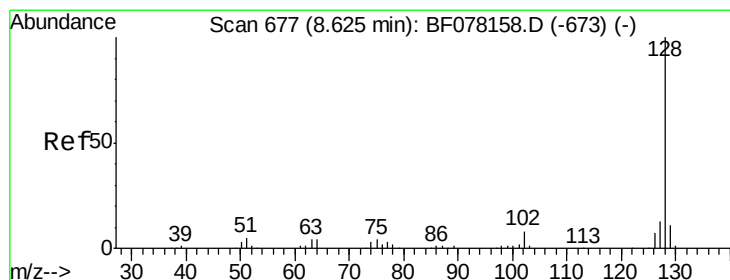
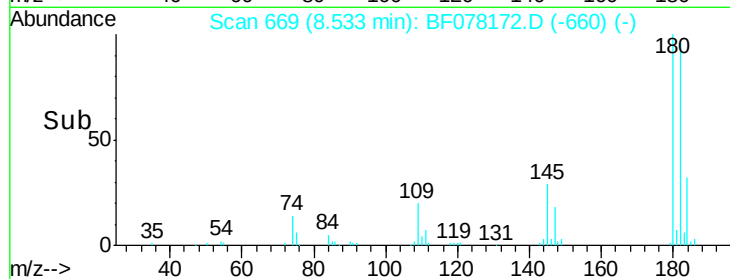
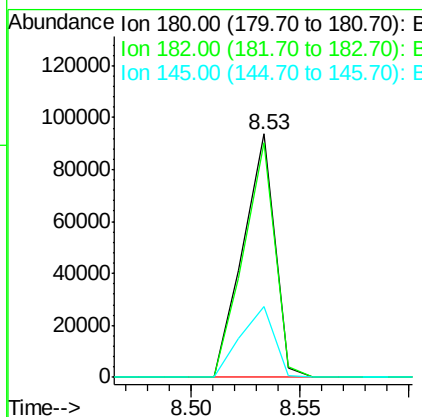
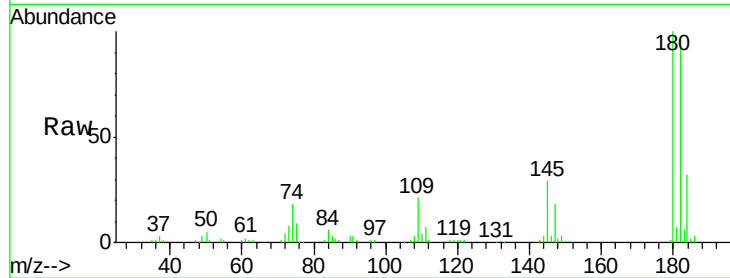
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.76 ng  
 RT: 8.53 min Scan# 669  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 76.9  | 115.3 |
| 145     | 29.0  | 22.5  | 33.7  |

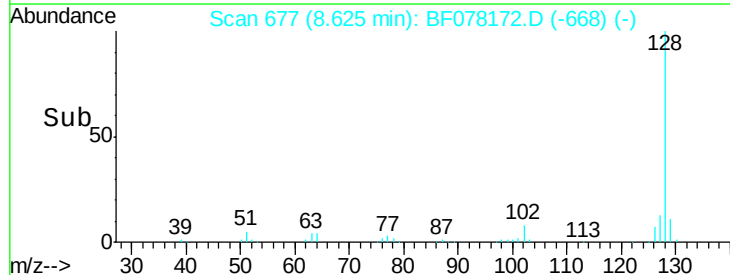
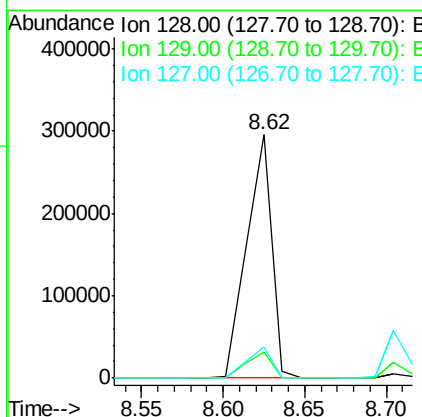
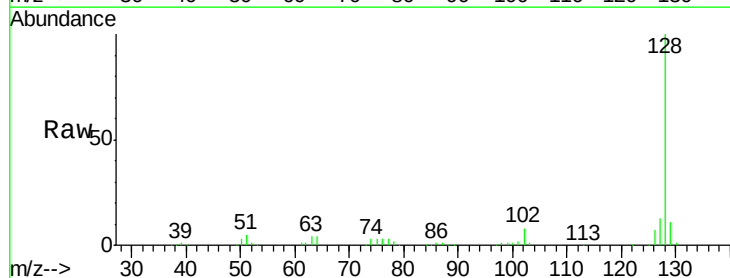
Manual Integrations  
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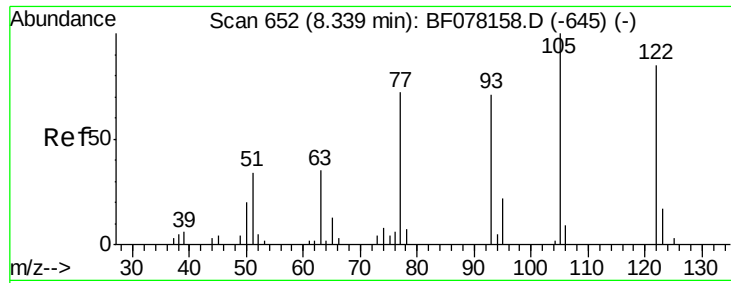
apatel  
 4/2/2015 5:51:23 PM



#31  
 Naphthalene  
 Concen: 40.07 ng  
 RT: 8.62 min Scan# 677  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.6   | 12.8  |
| 127     | 12.8  | 10.7  | 16.1  |





#32

Benzoic acid

Concen: 37.85 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

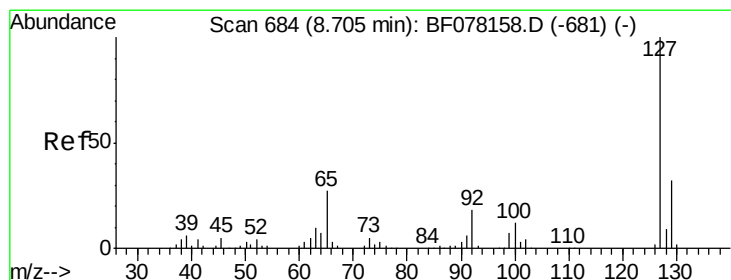
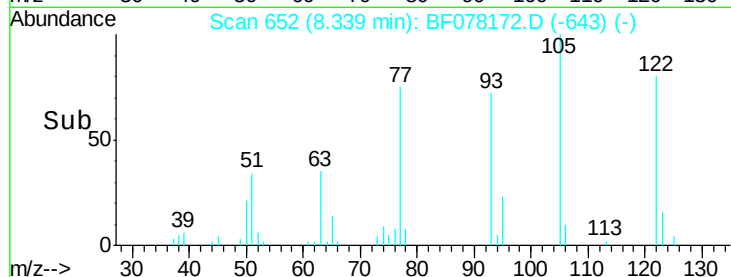
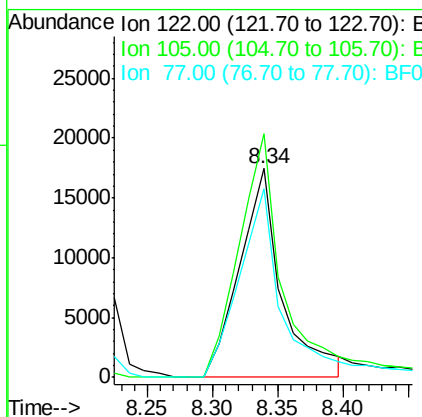
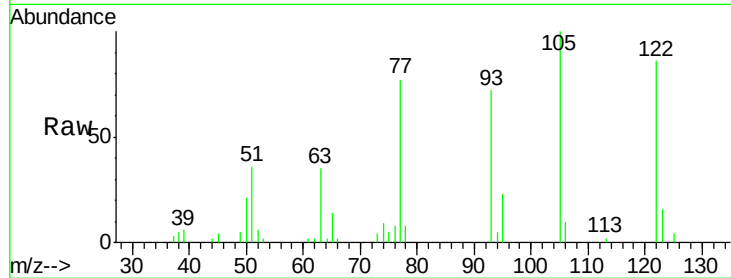
ClientSampleId :

PB82482BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 39320 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 116.7 | 96.1  | 136.1 |
| 77        | 90.2  | 64.1  | 104.1 |

Manual Integrations  
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#33

4-Chloroaniline

Concen: 17.64 ng

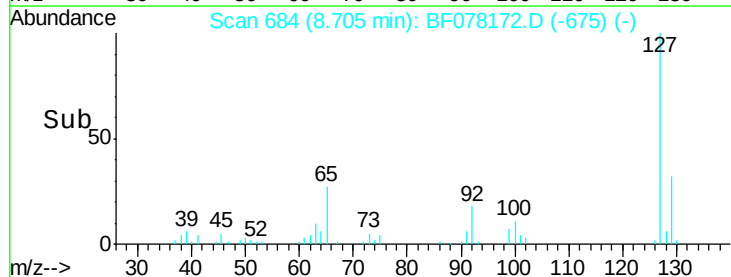
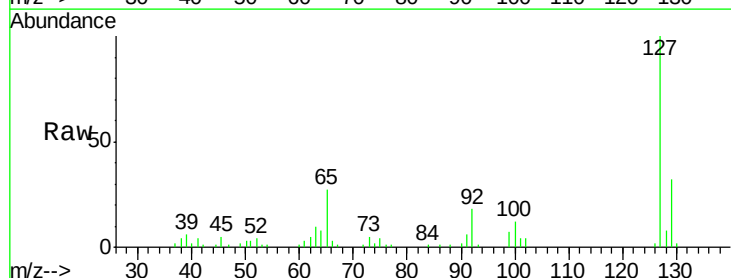
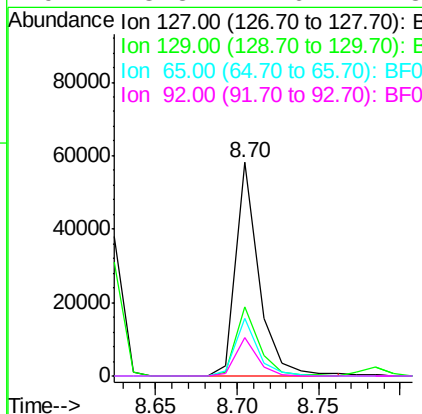
RT: 8.70 min Scan# 684

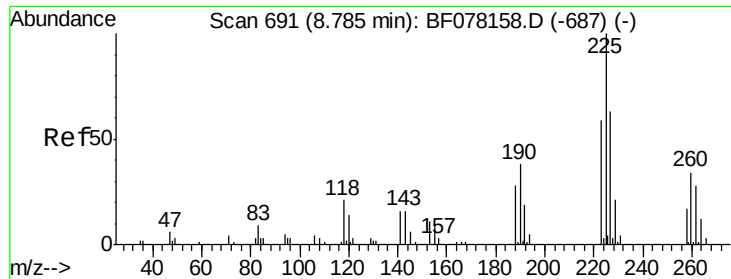
Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 57162 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.3  | 25.5  | 38.3  |
| 65        | 27.0  | 21.7  | 32.5  |
| 92        | 18.3  | 14.6  | 21.8  |





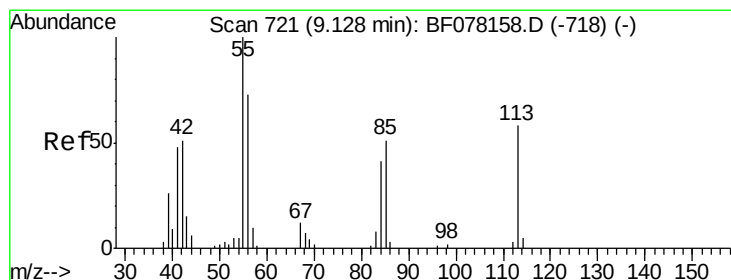
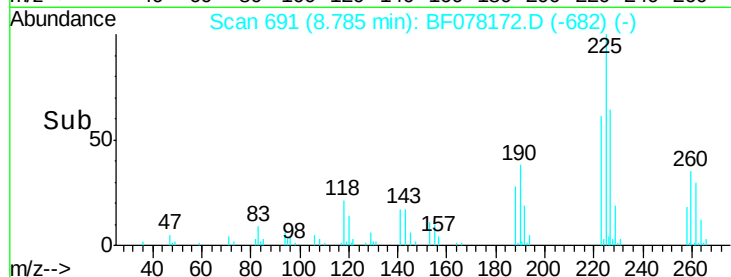
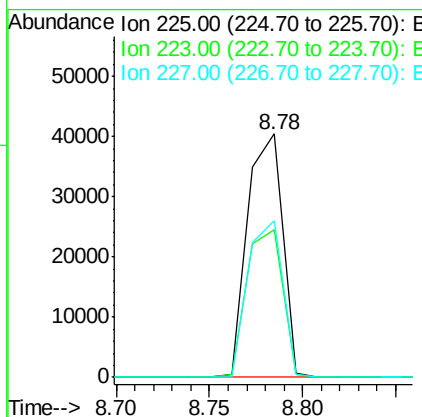
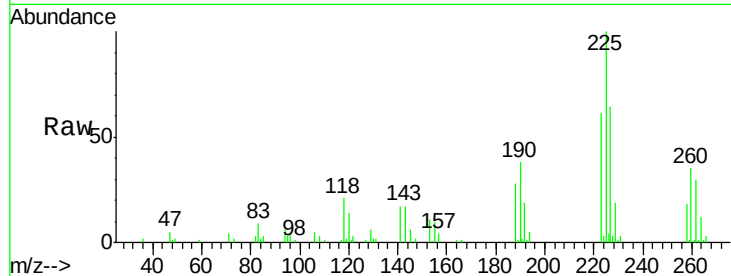
#34  
Hexachlorobutadiene  
Concen: 40.03 ng  
RT: 8.78 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.7  | 47.5  | 71.3  |
| 227     | 64.5  | 50.2  | 75.2  |

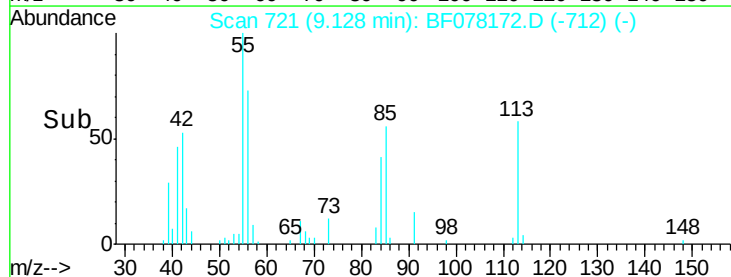
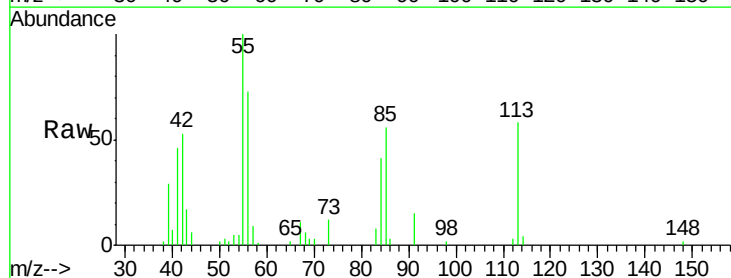
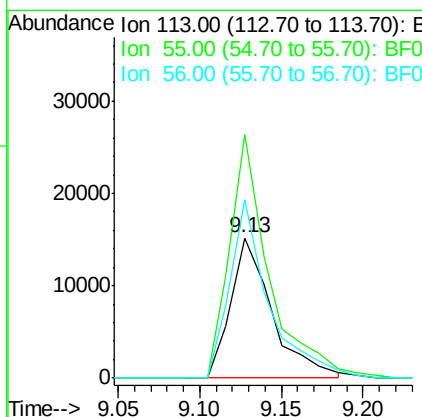
Manual Integrations  
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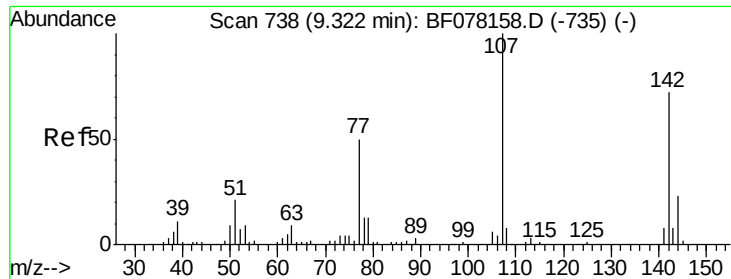
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#35  
Caprolactam  
Concen: 42.99 ng  
RT: 9.13 min Scan# 721  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 173.8 | 151.9 | 191.9 |
| 56      | 127.2 | 106.1 | 146.1 |





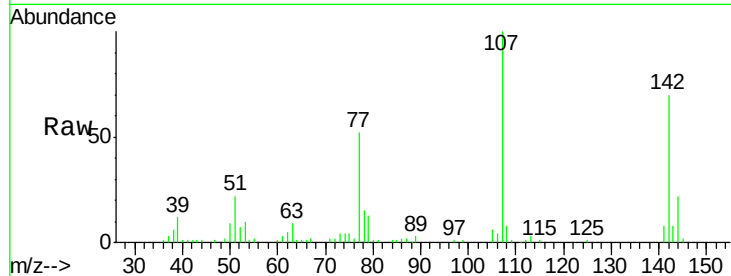
#36  
 4-Chloro-3-methylphenol  
 Concen: 44.08 ng  
 RT: 9.32 min Scan# 738  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.1  | 18.2  | 27.2  |
| 142     | 70.0  | 58.0  | 87.0  |

Manual Integrations  
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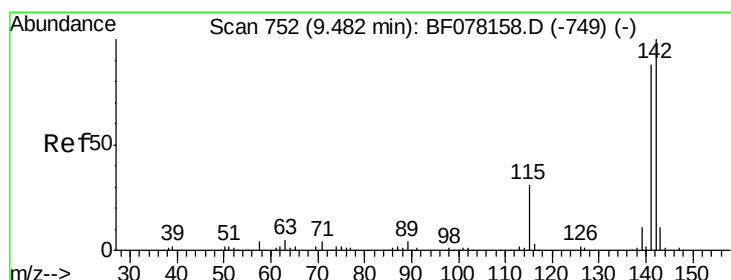
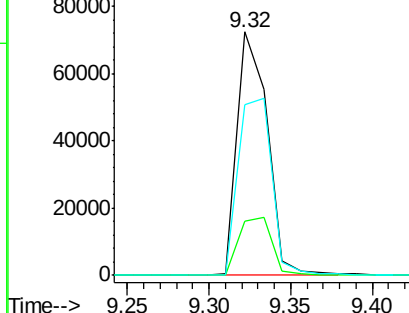
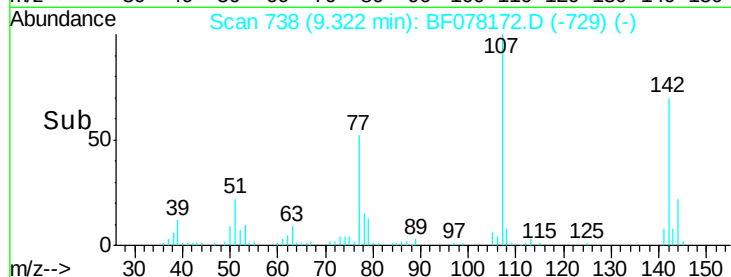


Abundance

Ion 107.00 (106.70 to 107.70): E

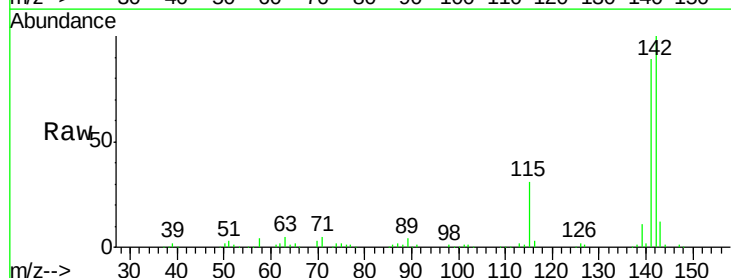
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37  
 2-Methylnaphthalene  
 Concen: 41.89 ng  
 RT: 9.48 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 70.3  | 105.5 |
| 115     | 30.7  | 24.6  | 37.0  |

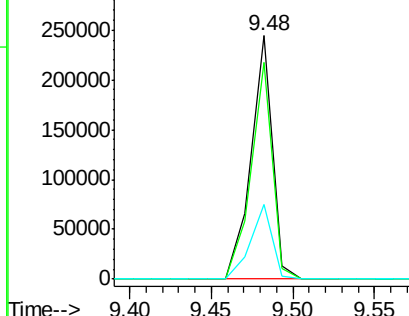
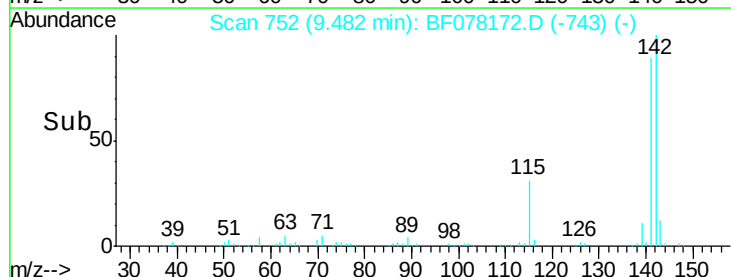


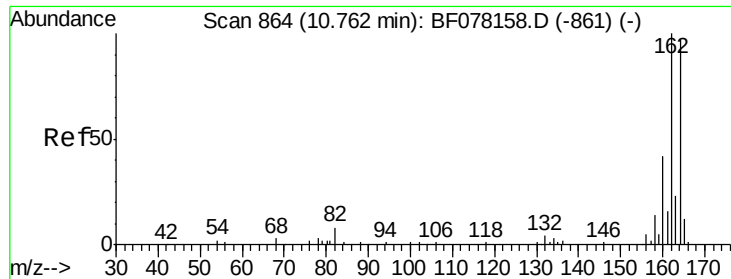
Abundance

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





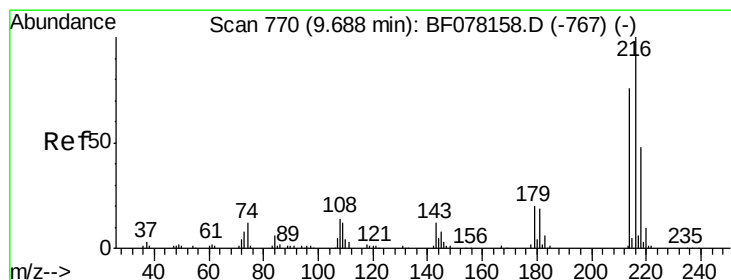
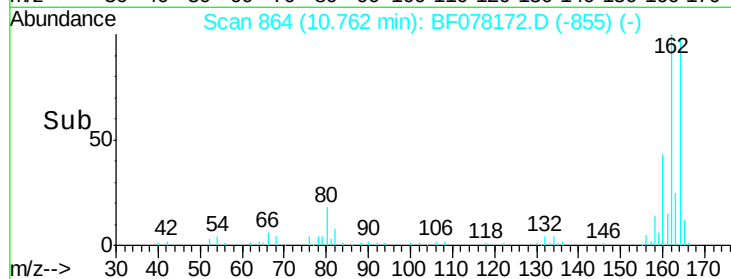
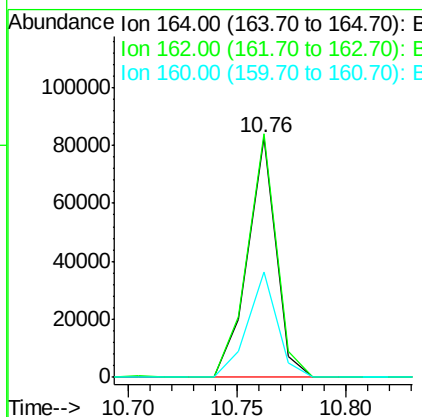
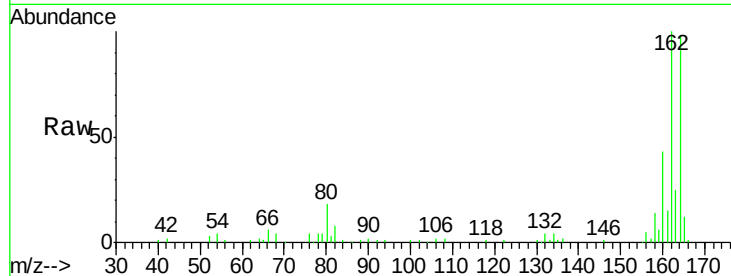
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.76 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 82.2  | 123.2 |
| 160     | 43.9  | 34.7  | 52.1  |

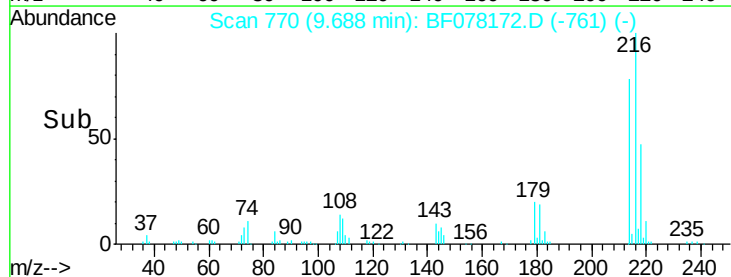
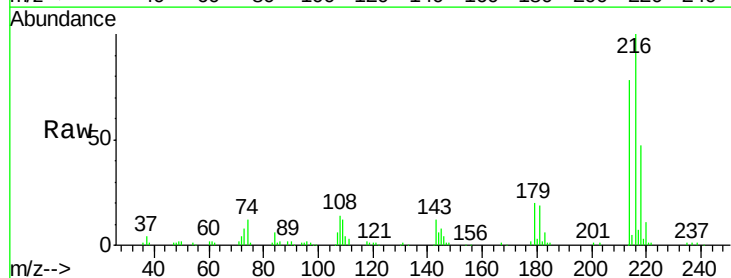
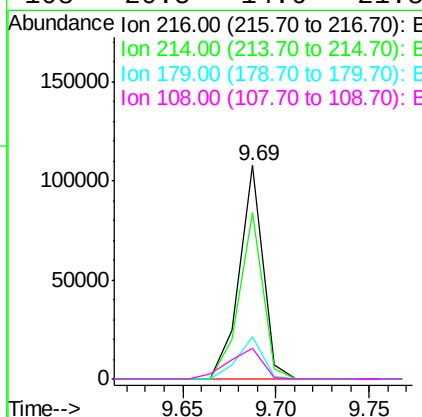
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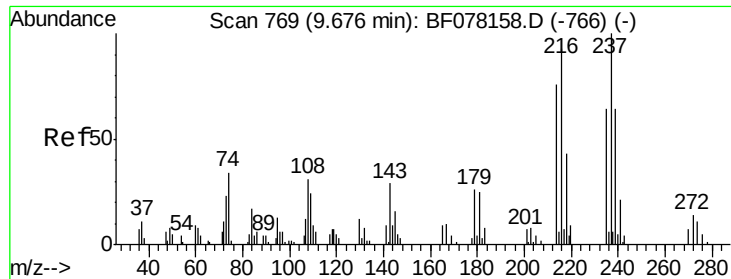
apatel  
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#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.04 ng  
 RT: 9.69 min Scan# 770  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.5  | 62.0  | 93.0  |
| 179     | 21.4  | 17.3  | 25.9  |
| 108     | 20.5  | 14.6  | 21.8  |





#40

Hexachlorocyclopentadiene

Concen: 89.53 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

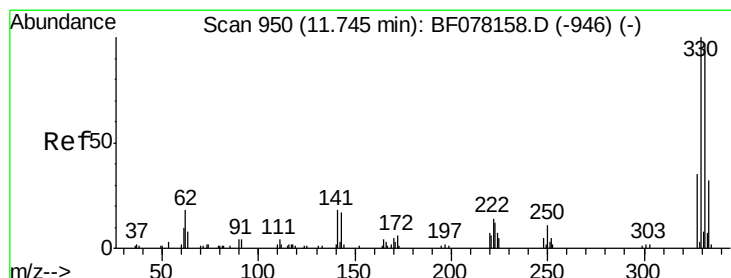
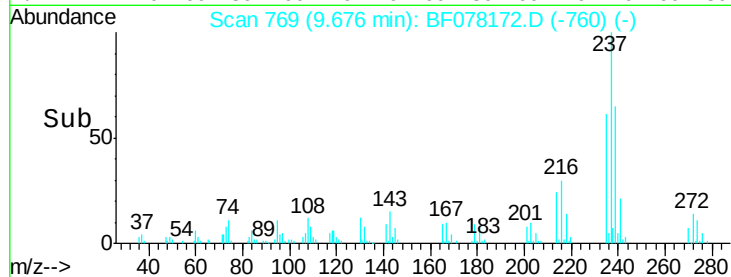
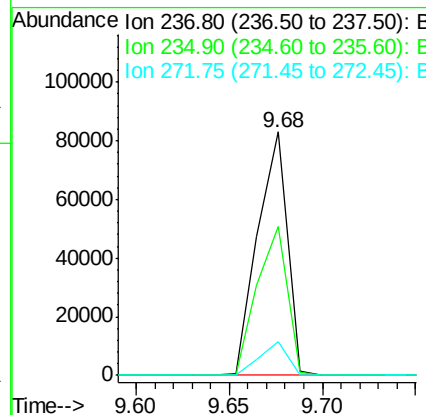
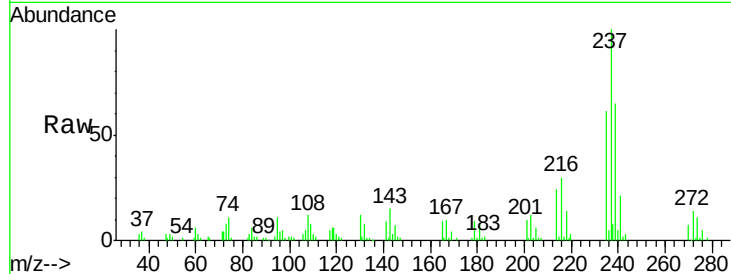
ClientSampleId :

PB82482BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 90803 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 61.2  | 44.1  | 84.1  |
| 272       | 13.7  | 0.0   | 34.4  |

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#41

2,4,6-Tribromophenol

Concen: 136.05 ng

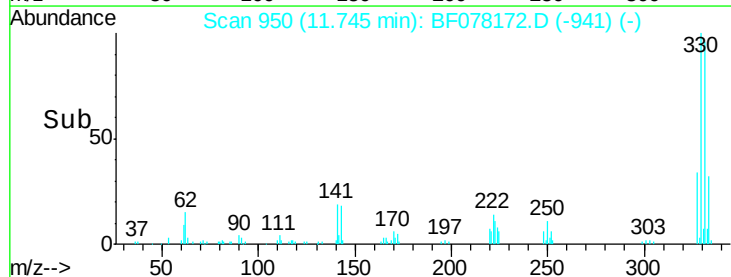
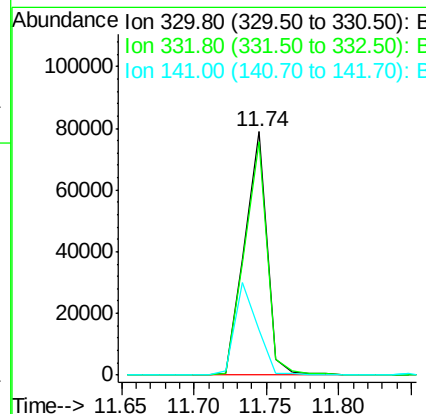
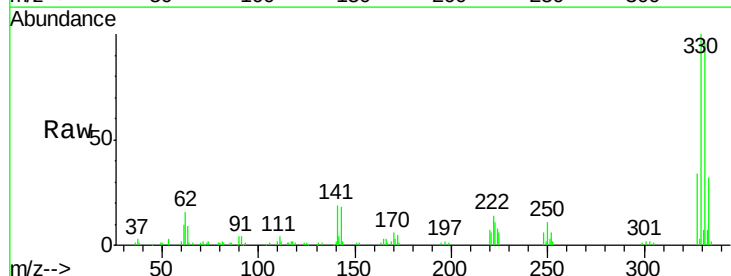
RT: 11.74 min Scan# 950

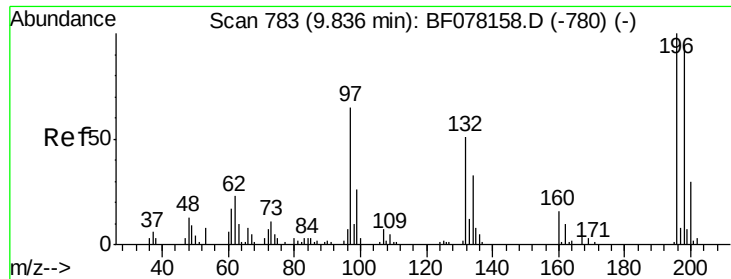
Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 84949 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 96.5  | 78.6  | 117.8 |
| 141       | 37.9  | 31.2  | 46.8  |





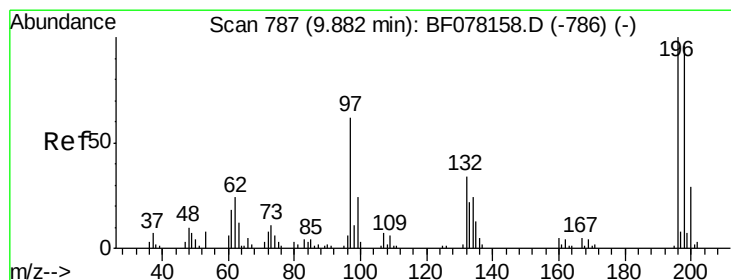
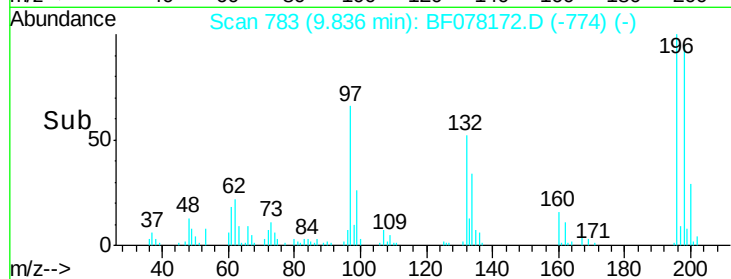
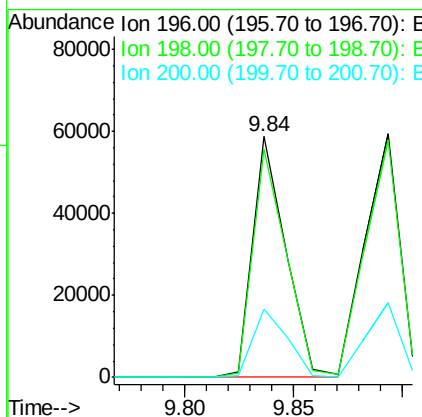
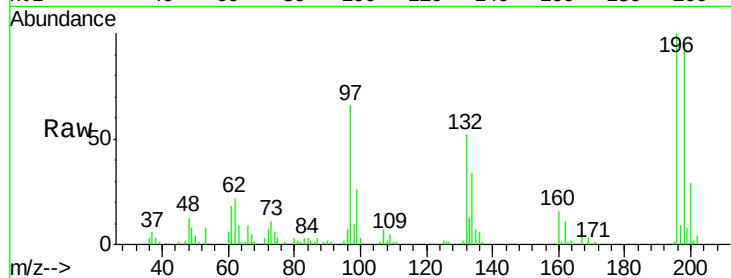
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.40 ng  
 RT: 9.84 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB82482BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 62383 |       |       |
| 198     | 94.9  | 75.4  | 113.2 |       |
| 200     | 28.6  | 24.0  | 36.0  |       |

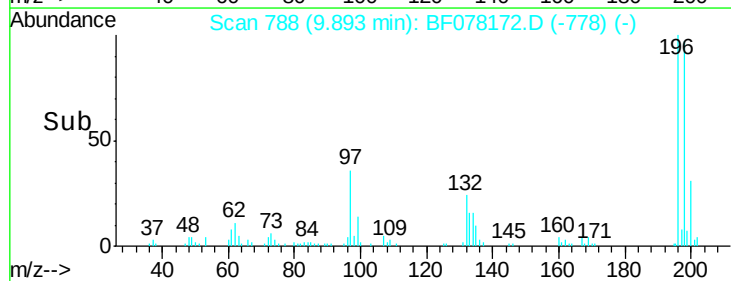
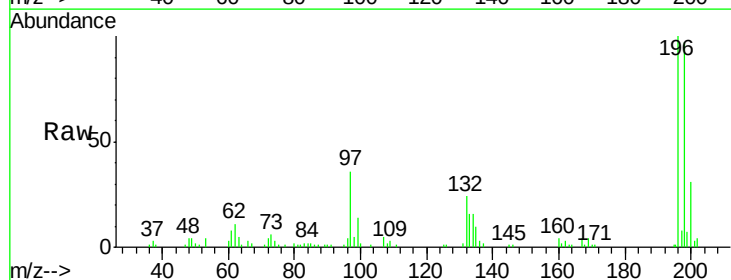
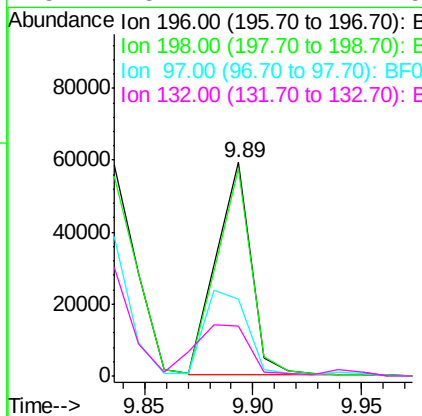
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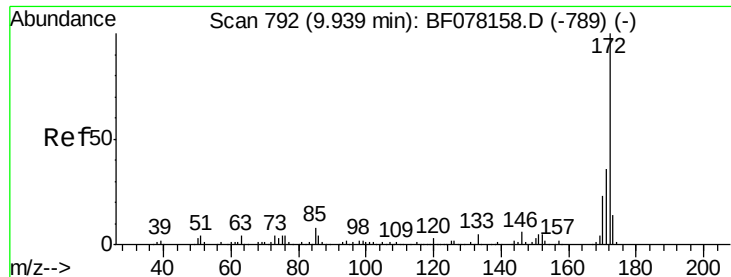


#43  
 2,4,5-Trichlorophenol  
 Concen: 42.64 ng  
 RT: 9.89 min Scan# 788  
 Delta R.T. 0.01 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 65541 |       |       |
| 198     | 97.3  | 76.6  | 115.0 |       |
| 97      | 36.2  | 50.6  | 75.8# |       |
| 132     | 23.7  | 27.7  | 41.5# |       |







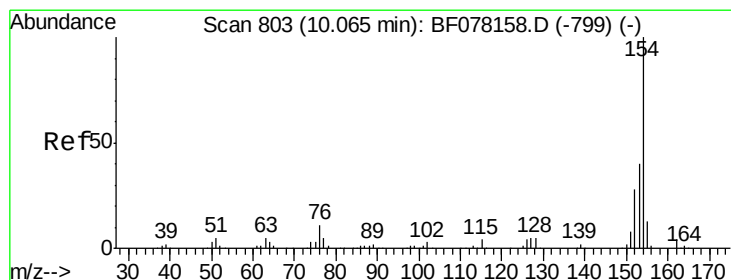
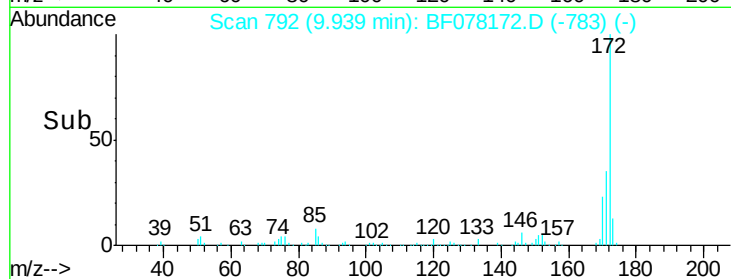
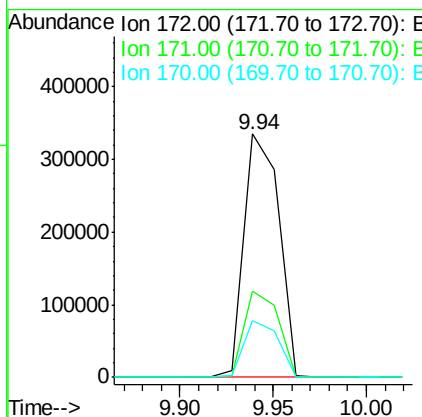
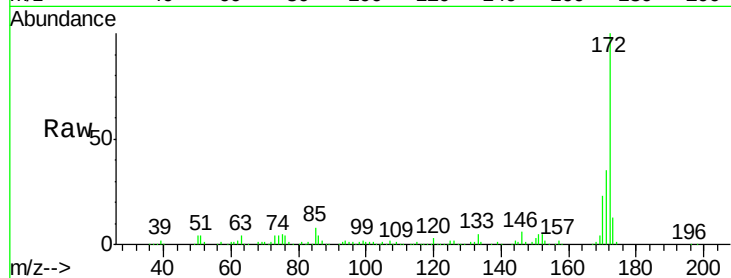
#44  
2-Fluorobiphenyl  
Concen: 82.47 ng  
RT: 9.94 min Scan# 792  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 434343 |       |       |
| 171     | 35.5 | 28.6  | 42.8   |       |       |
| 170     | 23.5 | 18.5  | 27.7   |       |       |

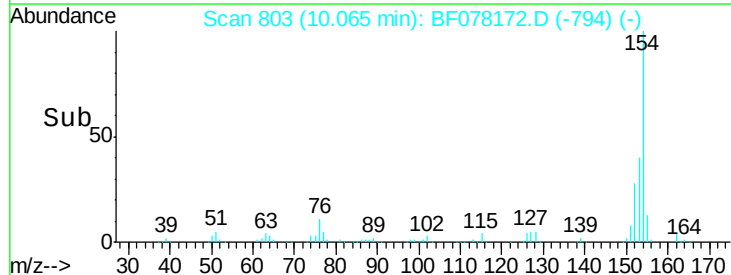
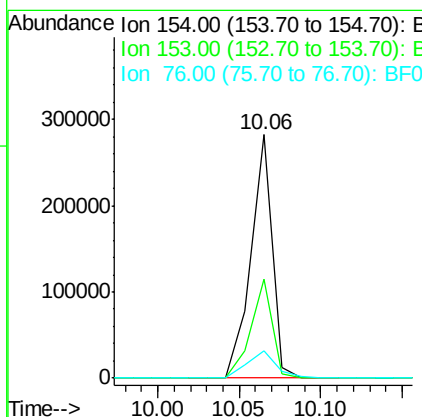
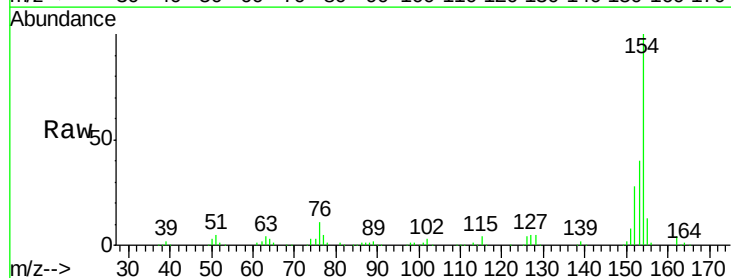
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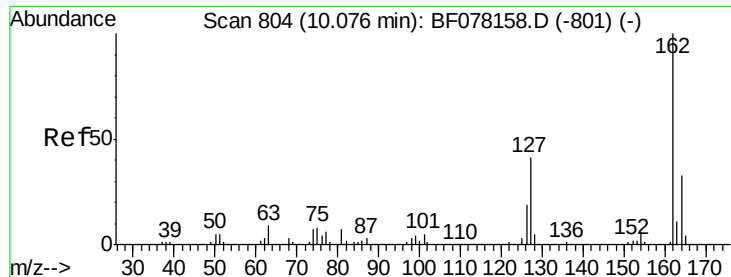
apatel  
4/2/2015 5:51:23 PM



#45  
1,1'-Biphenyl  
Concen: 41.67 ng  
RT: 10.06 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 154     | 100  |       | 256582 |       |       |
| 153     | 40.5 | 20.0  | 60.0   |       |       |
| 76      | 11.1 | 0.0   | 30.6   |       |       |





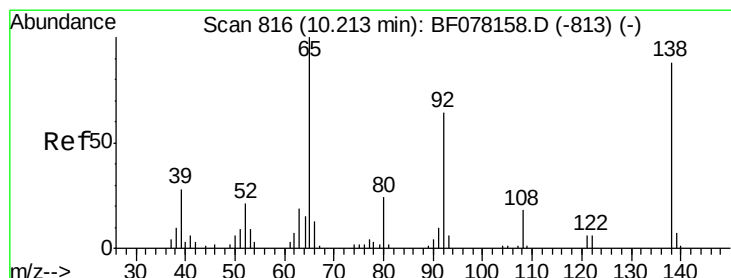
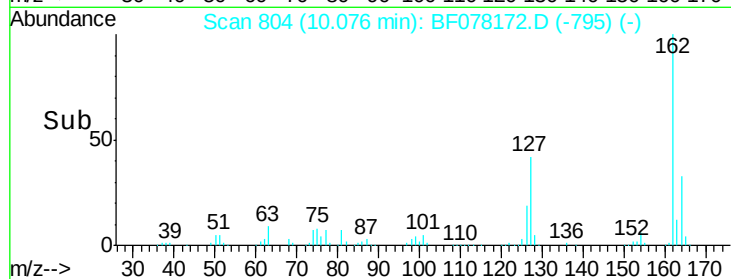
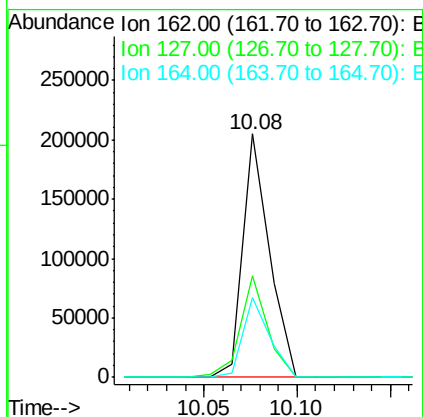
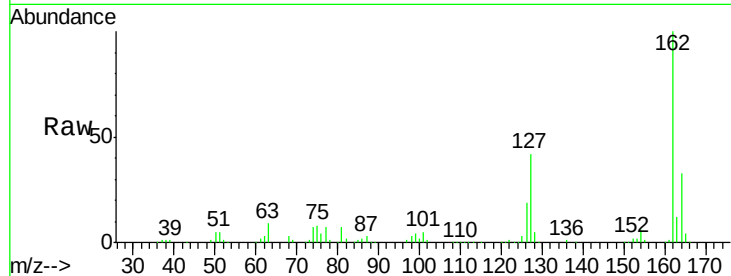
#46  
2-Chloronaphthalene  
Concen: 41.88 ng  
RT: 10.08 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 202914 |       |       |
| 127     | 41.8  | 32.6   | 49.0  |       |
| 164     | 32.8  | 26.0   | 39.0  |       |

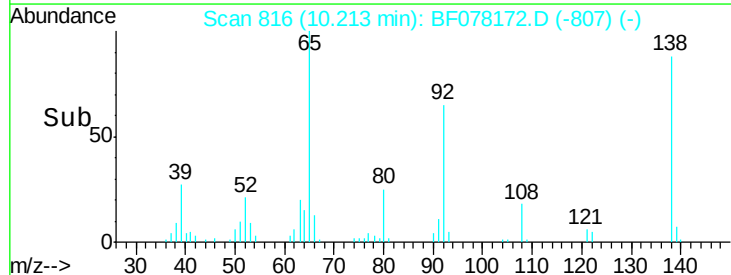
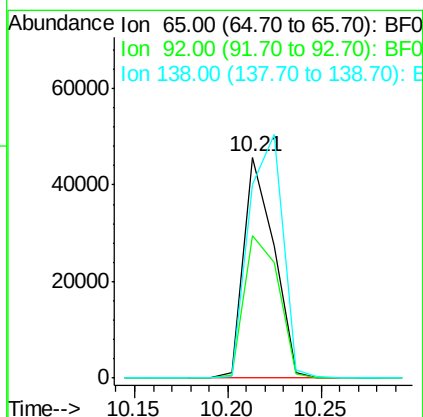
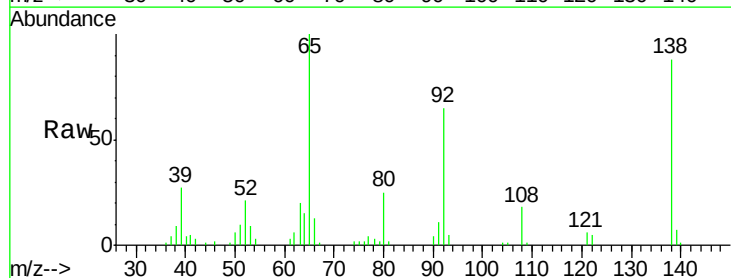
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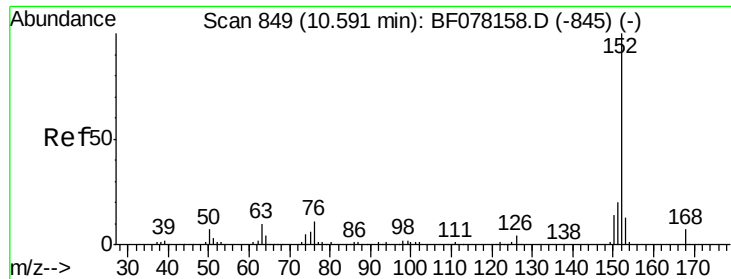
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#47  
2-Nitroaniline  
Concen: 43.24 ng  
RT: 10.21 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 51835 |       |       |
| 92      | 64.7  | 51.3  | 76.9  |       |
| 138     | 87.6  | 70.4  | 105.6 |       |





#48

Acenaphthylene

Concen: 42.07 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

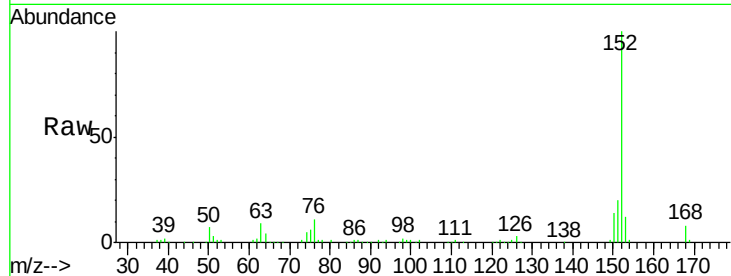
ClientSampleId :

PB82482BS

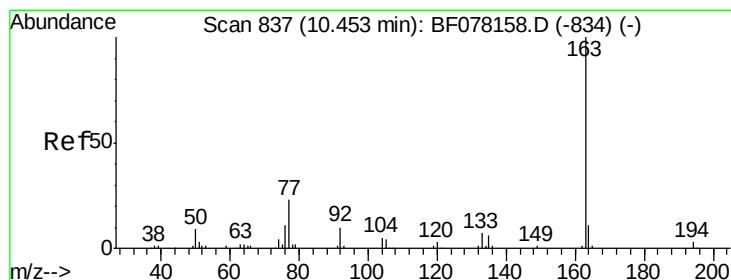
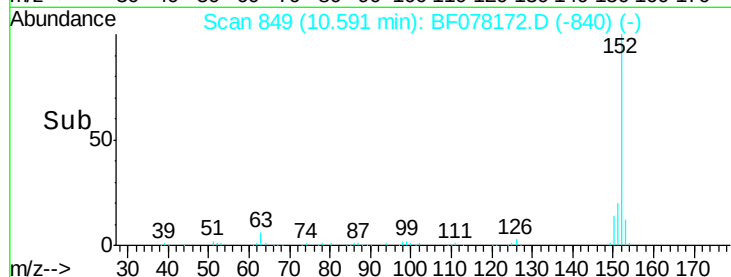
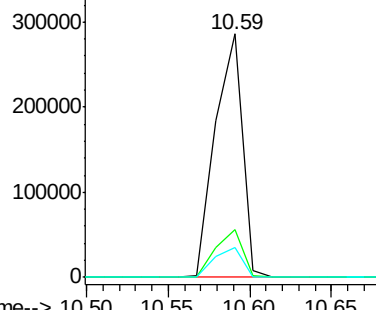
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 329149 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.6  | 15.7  | 23.5   |
| 153       | 12.3  | 10.2  | 15.2   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.20 ng

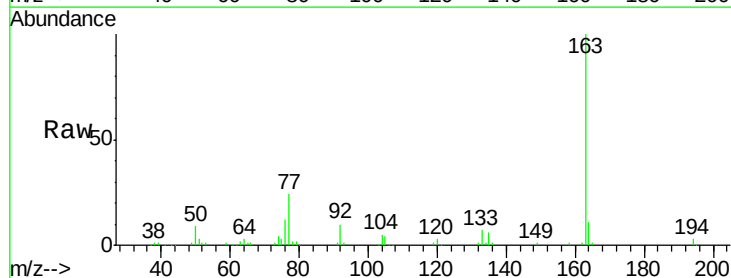
RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

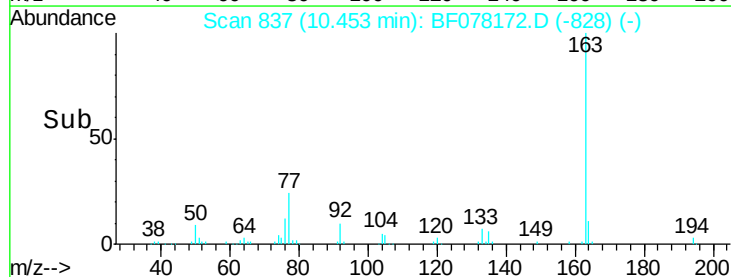
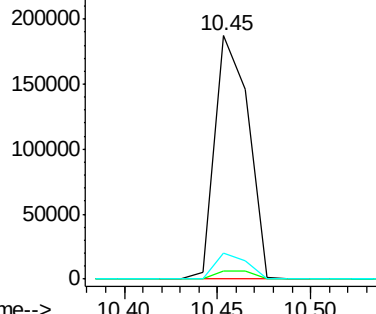
Lab File: BF078172.D

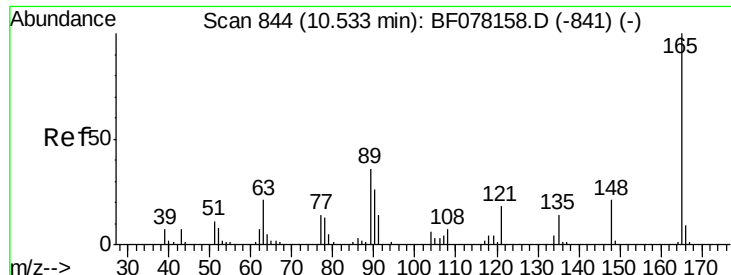
Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 233054 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.2   | 2.3   | 3.5    |
| 164       | 10.5  | 8.6   | 13.0   |



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





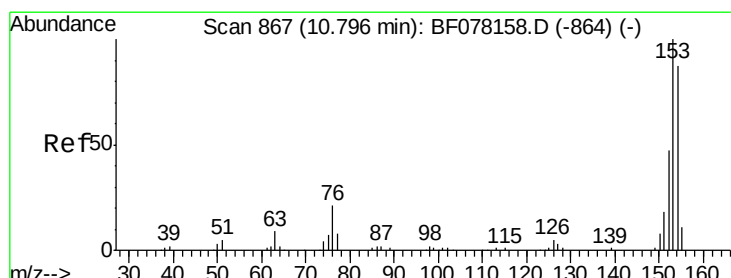
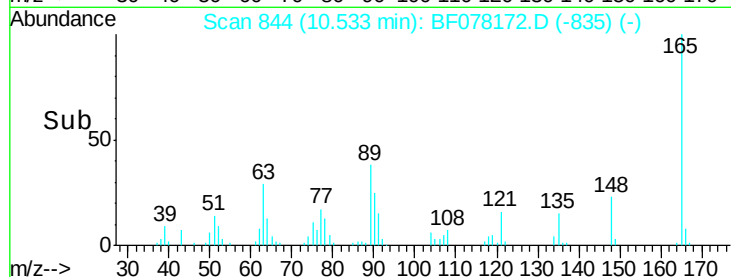
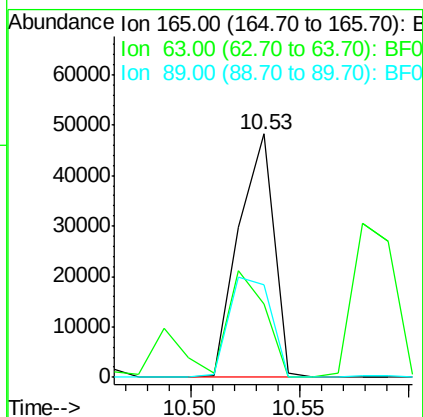
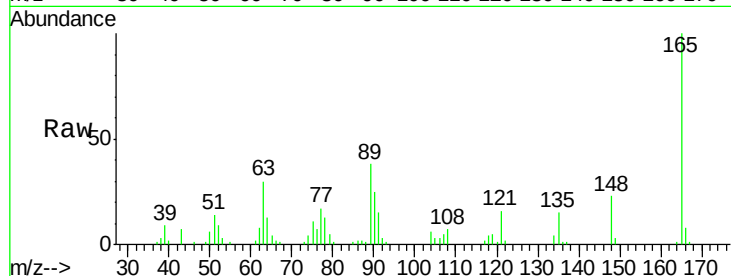
#50  
2,6-Dinitrotoluene  
Concen: 46.62 ng  
RT: 10.53 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 54256 |       |       |
| 63      | 30.0  |       | 24.1  | 36.1  |
| 89      | 38.3  |       | 28.9  | 43.3  |

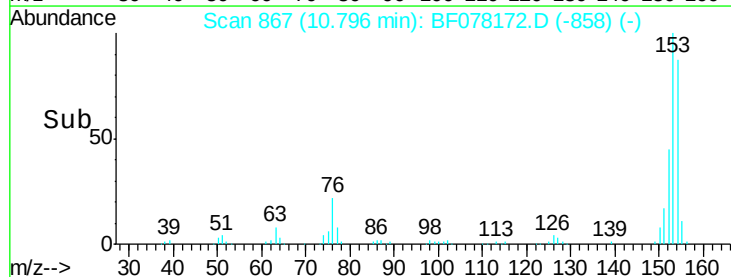
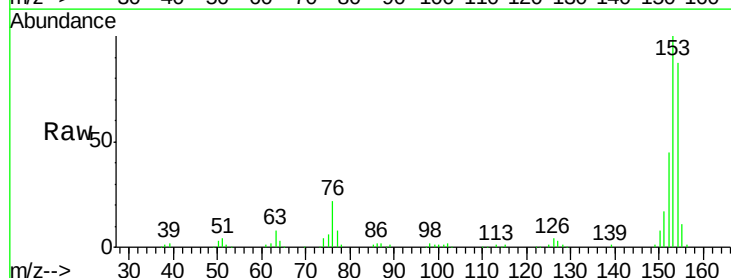
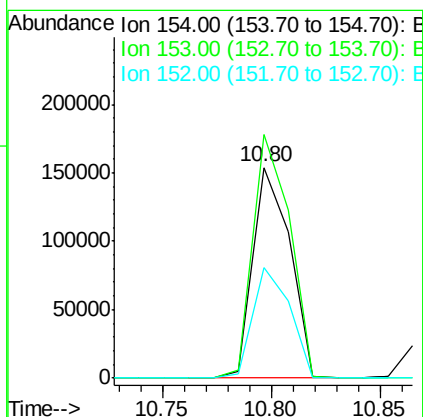
Manual Integrations  
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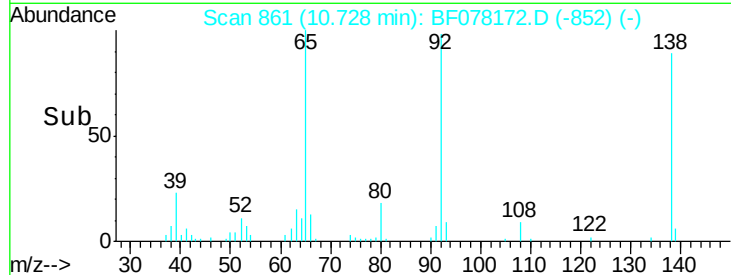
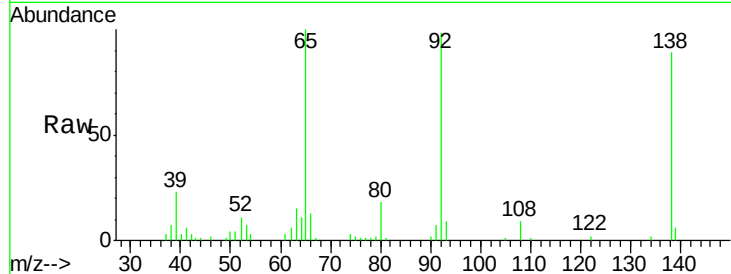
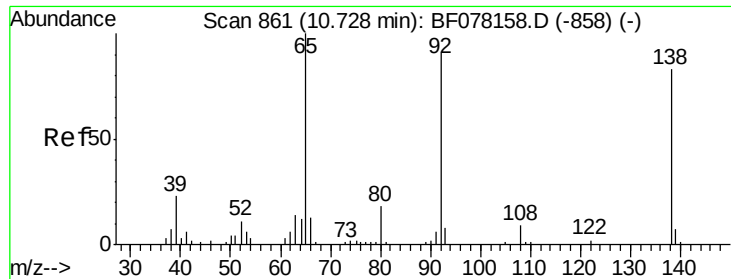
apatel  
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#51  
Acenaphthene  
Concen: 41.59 ng  
RT: 10.80 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 183218 |       |       |
| 153     | 115.4 |        | 91.4  | 137.2 |
| 152     | 52.4  |        | 43.0  | 64.6  |





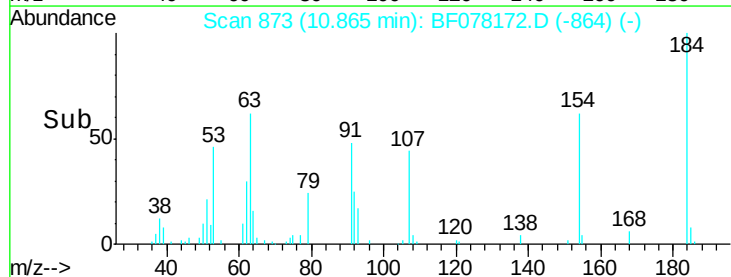
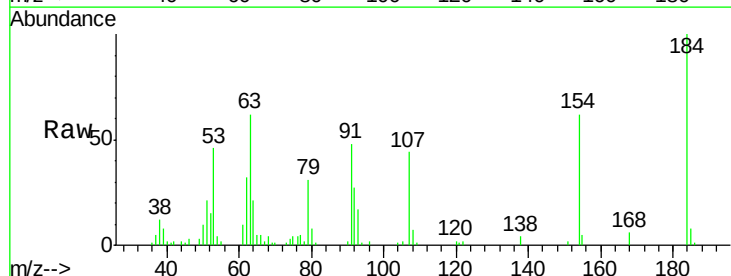
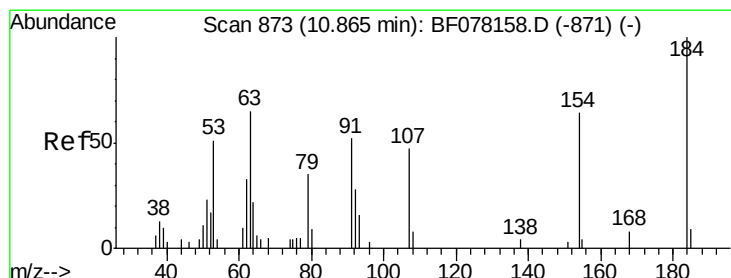
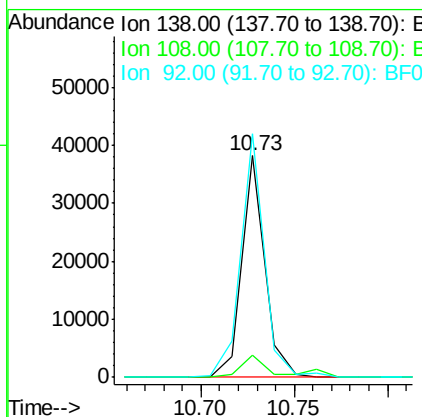
#52  
3-Nitroaniline  
Concen: 24.93 ng  
RT: 10.73 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Tot Ion:138 Resp: 32986  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.2 12.4  
92 110.0 88.4 132.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

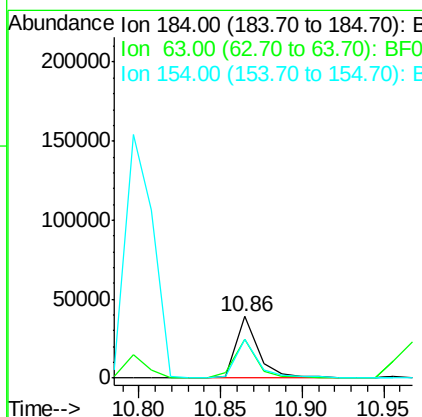
Manual Integrations  
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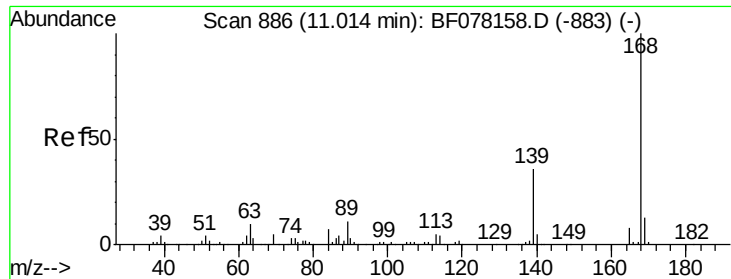
apatel  
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#53  
2,4-Dinitrophenol  
Concen: 82.59 ng  
RT: 10.86 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Tgt Ion:184 Resp: 37980  
Ion Ratio Lower Upper  
184 100  
63 62.3 51.9 77.9  
154 61.9 51.0 76.4





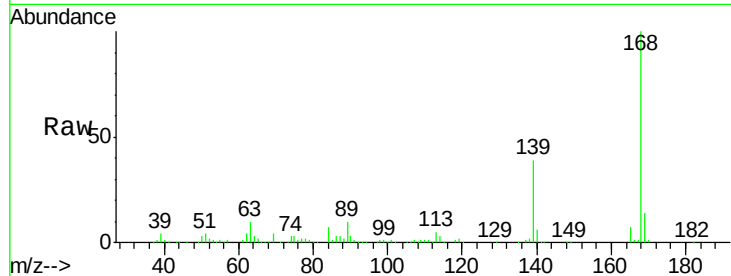
#54  
Dibenzenofuran  
Concen: 43.59 ng  
RT: 11.01 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

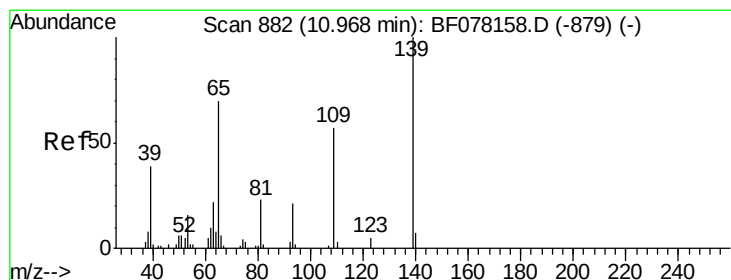
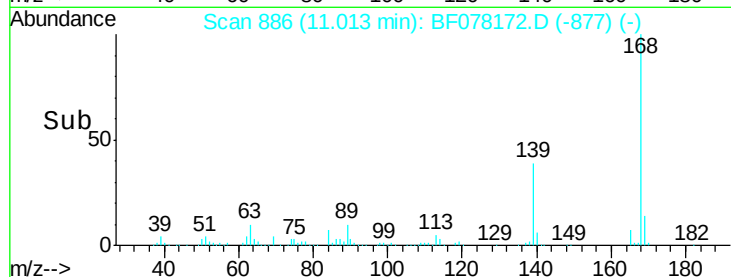
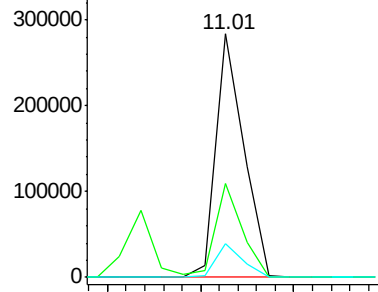
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 293311 |       |       |
| 139     | 38.6  |        | 31.0  | 46.4  |
| 169     | 13.7  |        | 10.7  | 16.1  |

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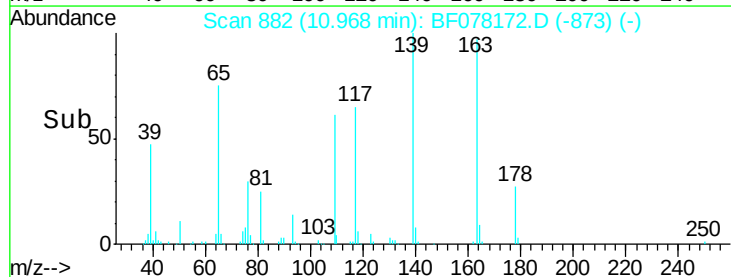
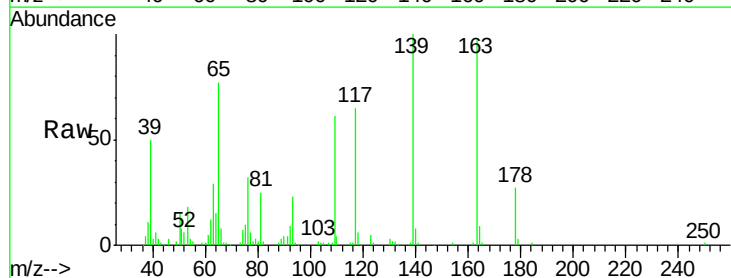
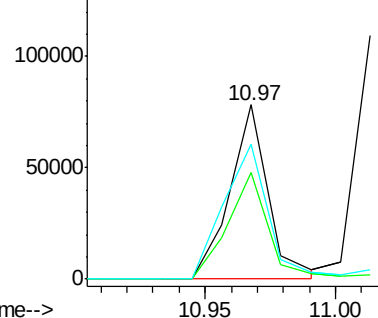
Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

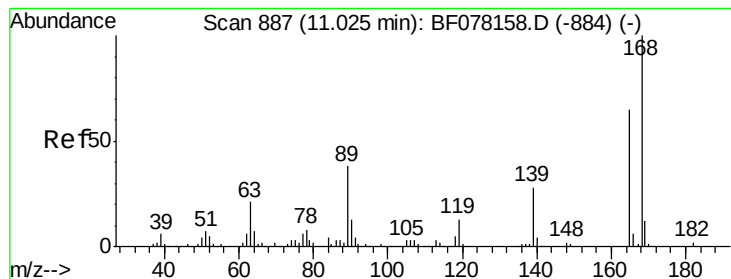


#55  
4-Nitrophenol  
Concen: 82.06 ng  
RT: 10.97 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 80025 |       |       |
| 109     | 61.2  |       | 36.7  | 76.7  |
| 65      | 77.3  |       | 49.9  | 89.9  |

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





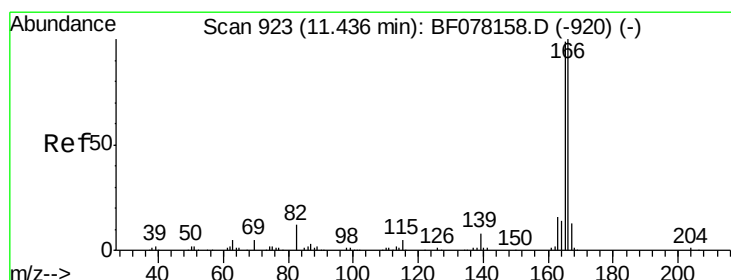
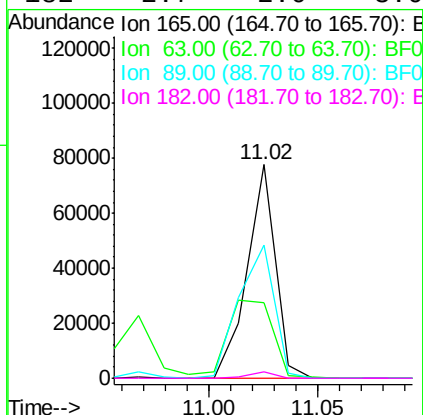
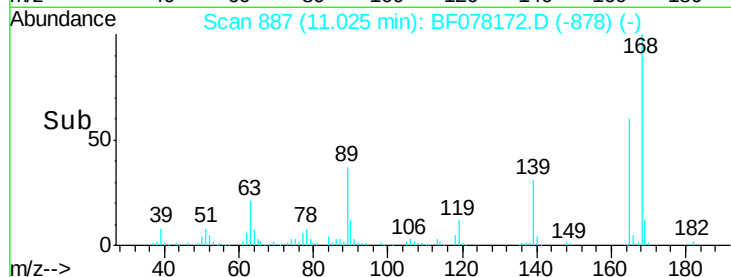
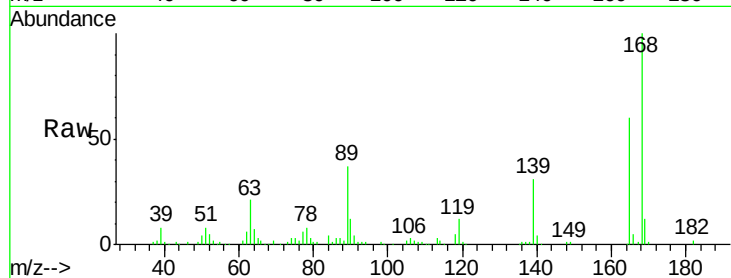
#56  
2,4-Dinitrotoluene  
Concen: 46.57 ng  
RT: 11.02 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | 165   | Resp  | 70192 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 165     | 100   |       |       |
| 63      | 35.4  | 26.5  | 39.7  |
| 89      | 62.3  | 46.4  | 69.6  |
| 182     | 2.7   | 2.0   | 3.0   |

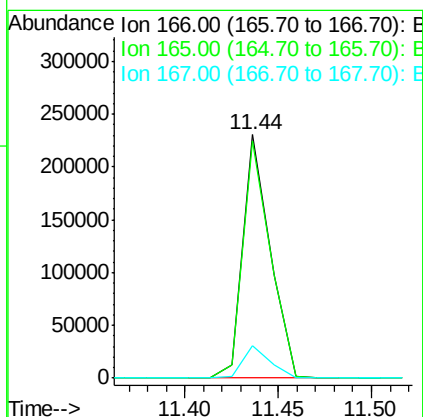
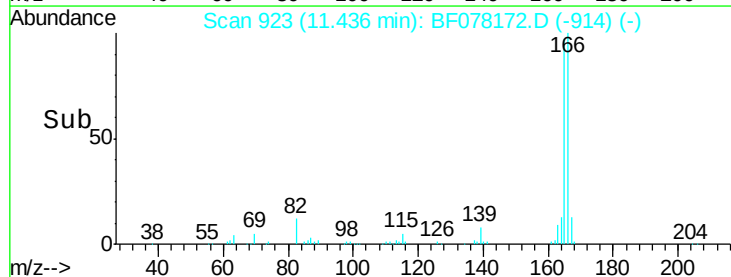
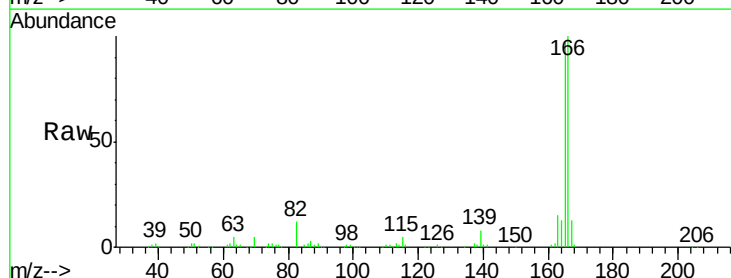
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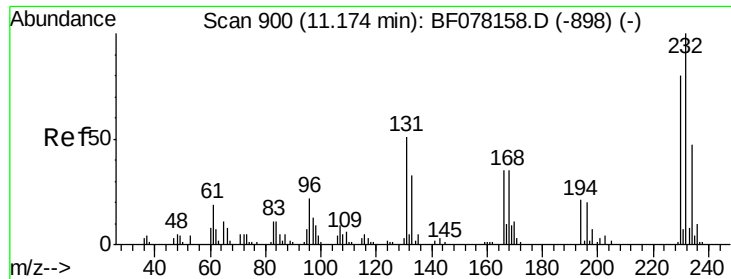
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#57  
Fluorene  
Concen: 43.05 ng  
RT: 11.44 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | 166   | Resp  | 234805 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 166     | 100   |       |        |
| 165     | 97.3  | 78.9  | 118.3  |
| 167     | 13.5  | 10.7  | 16.1   |





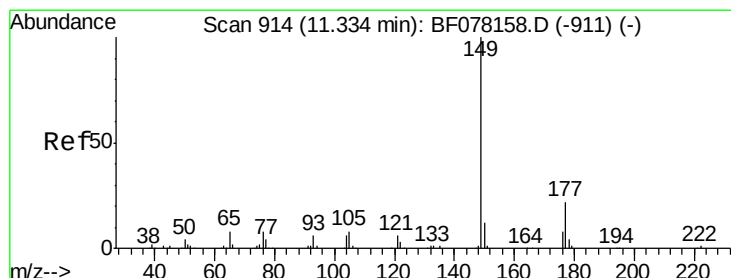
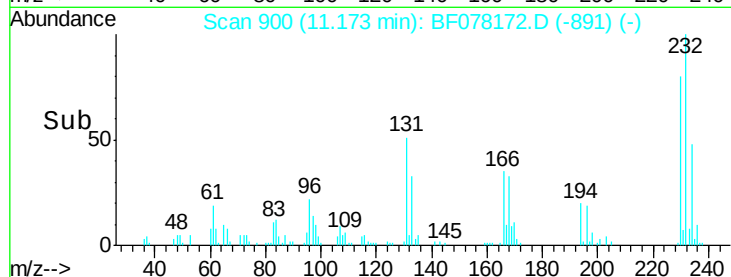
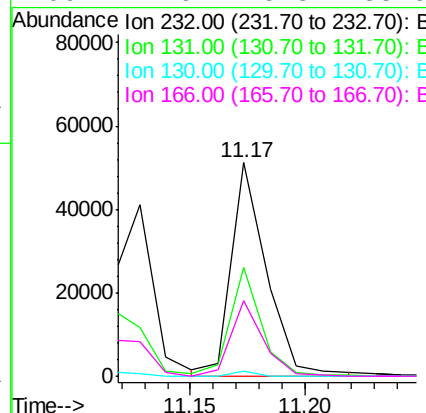
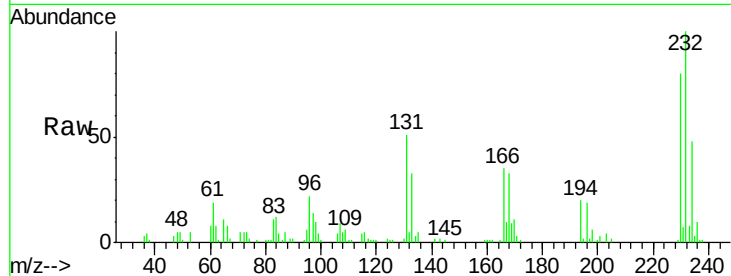
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.81 ng/ml  
 RT: 11.17 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 54479 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 36.8  | 37.8  | 56.8# |
| 130       | 1.9   | 1.5   | 2.3   |
| 166       | 22.9  | 25.8  | 38.6# |

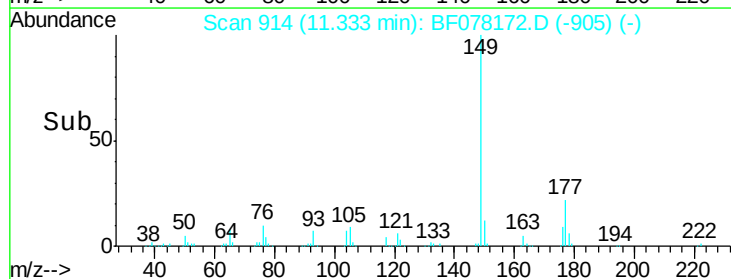
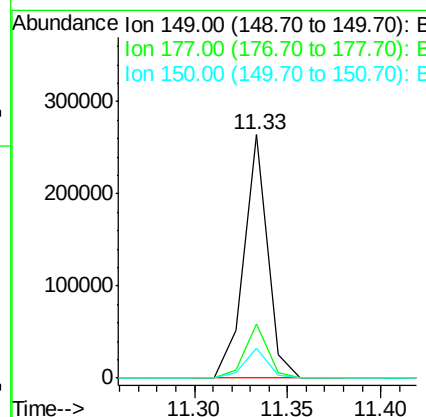
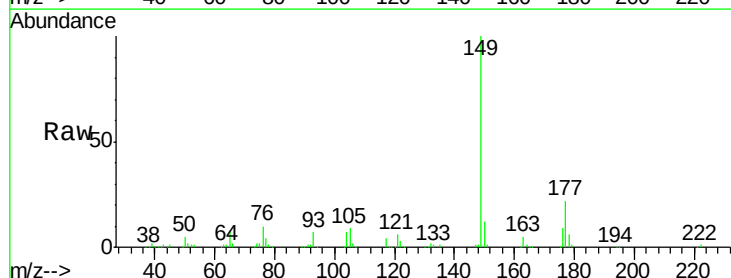
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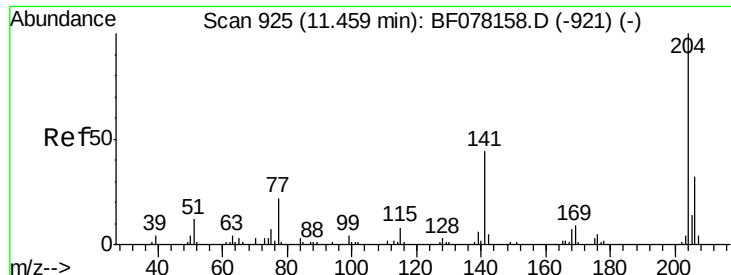


#59  
 Diethylphthalate  
 Concen: 42.93 ng/ml  
 RT: 11.33 min Scan# 914  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 234109 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.3  | 17.4  | 26.2   |
| 150       | 12.3  | 9.4   | 14.2   |







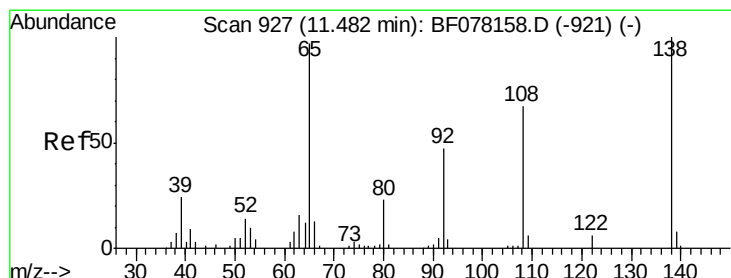
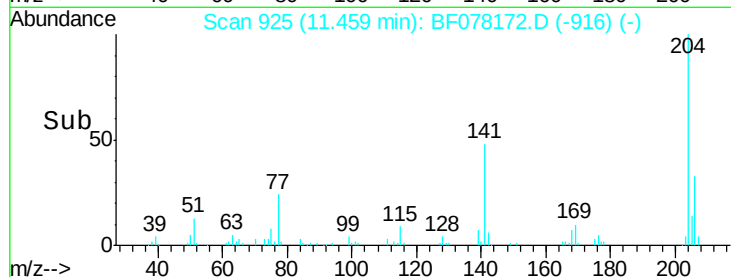
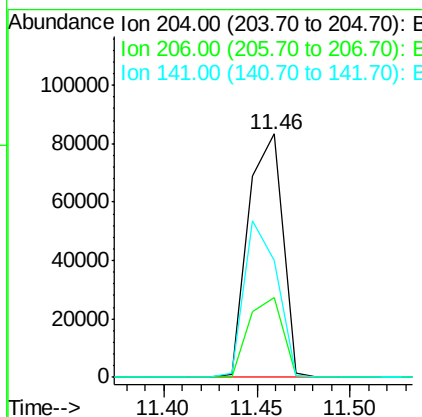
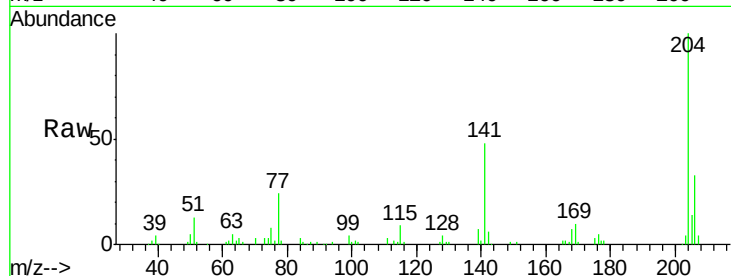
#60  
4-Chlorophenyl-phenylether  
Concen: 42.30 ng  
RT: 11.46 min Scan# 925  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 25.6  | 38.4  |
| 141     | 47.9  | 35.4  | 53.0  |

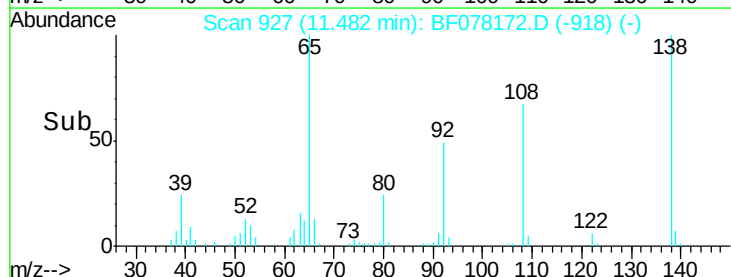
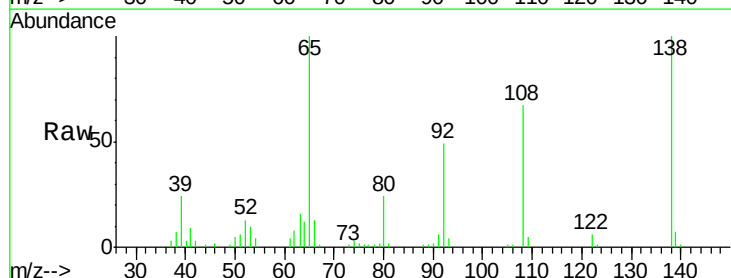
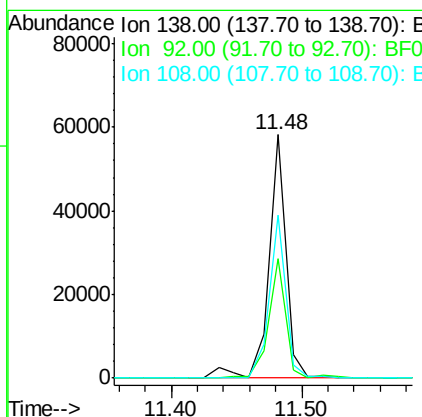
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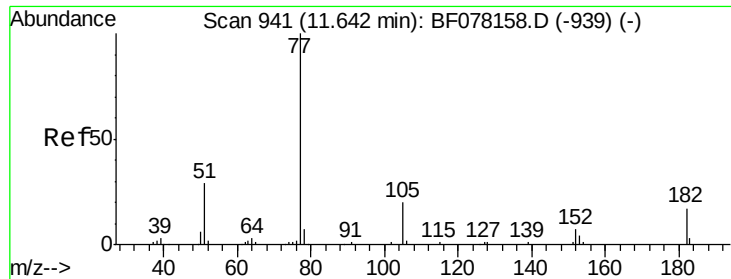
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#61  
4-Nitroaniline  
Concen: 40.61 ng  
RT: 11.48 min Scan# 927  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.9  | 27.3  | 67.3  |
| 108     | 67.1  | 47.2  | 87.2  |





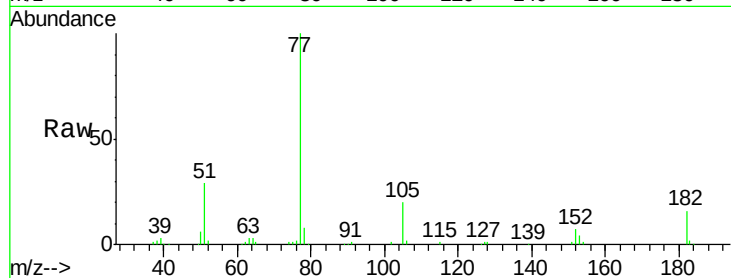
#62  
Azobenzene  
Concen: 44.52 ng  
RT: 11.64 min Scan# 941  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

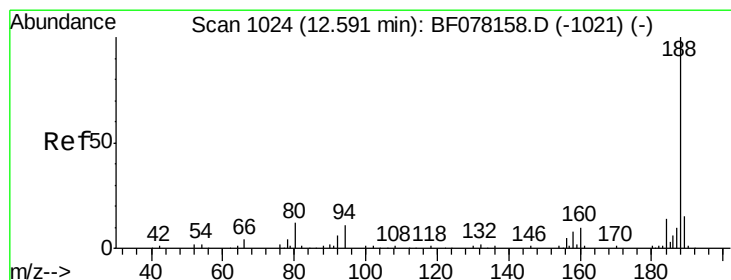
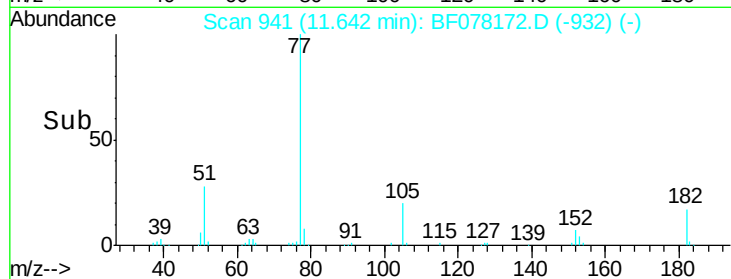
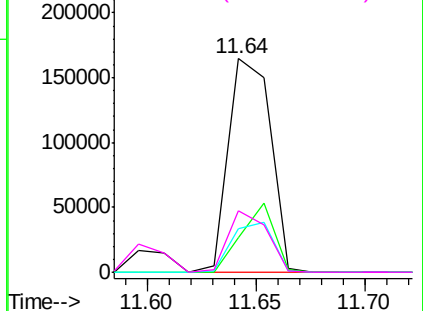
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 221603 |       |       |
| 182     | 16.5 | 0.0   | 36.8   |       |       |
| 105     | 20.4 | 0.3   | 40.3   |       |       |
| 51      | 28.8 | 9.1   | 49.1   |       |       |

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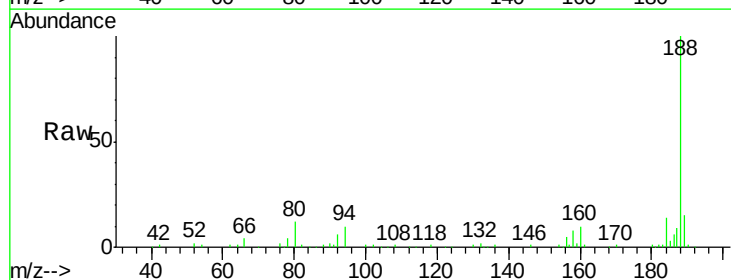


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

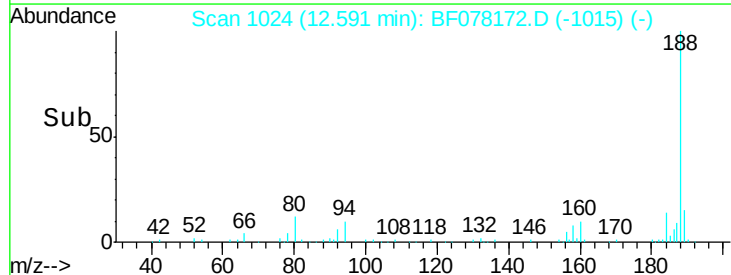
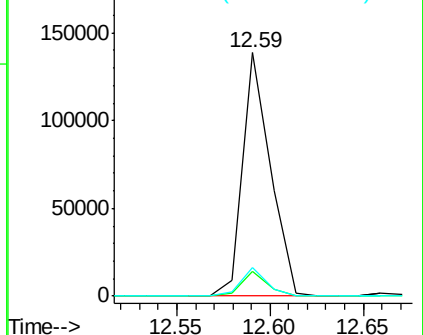


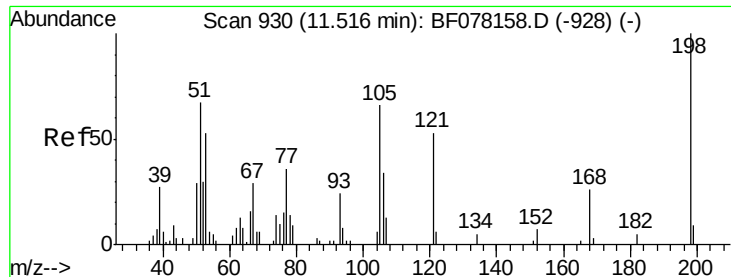
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.59 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 188     | 100  |       | 143283 |       |       |
| 94      | 10.3 | 9.0   | 13.4   |       |       |
| 80      | 11.6 | 9.5   | 14.3   |       |       |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0





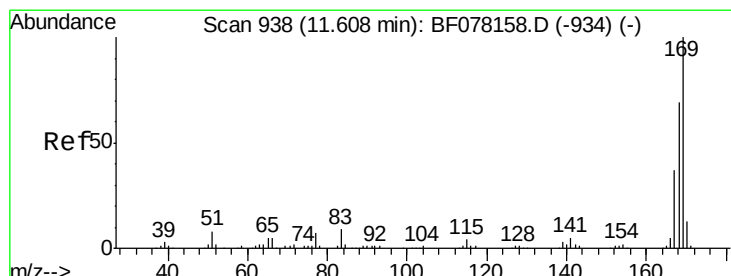
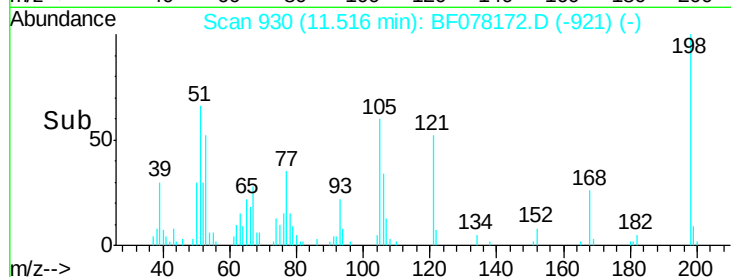
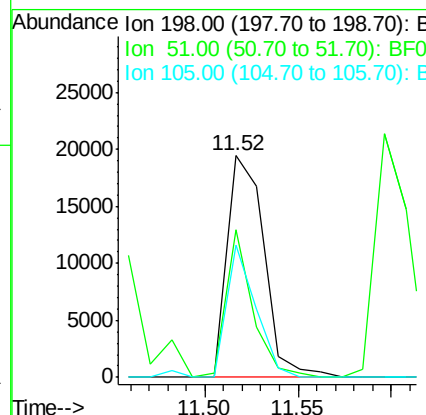
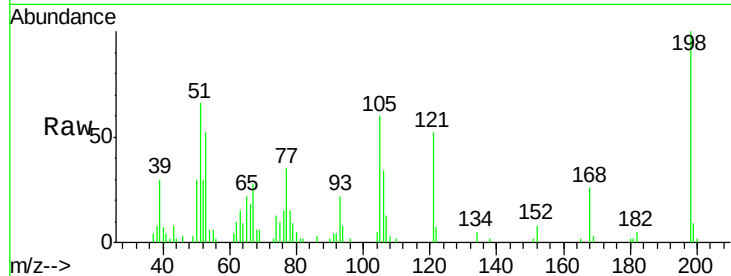
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 39.62 ng  
 RT: 11.52 min Scan# 930  
 Delta R.T. 0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 26884 |       |       |
| 51      | 66.5  | 48.6  | 88.6  |       |
| 105     | 59.6  | 45.8  | 85.8  |       |

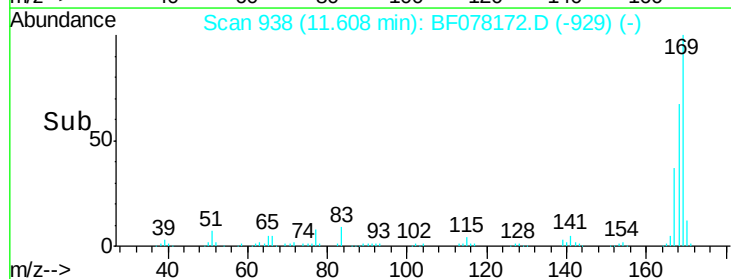
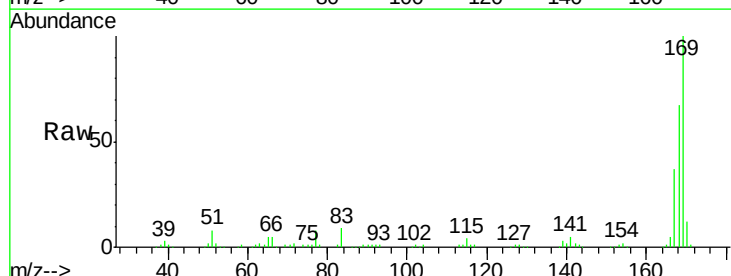
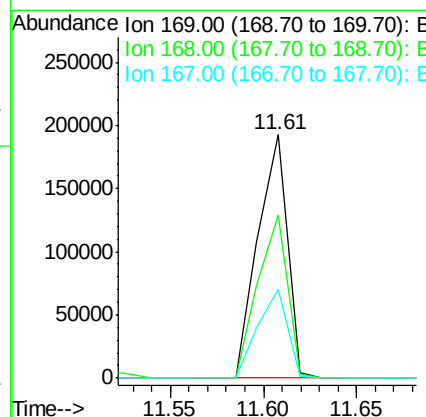
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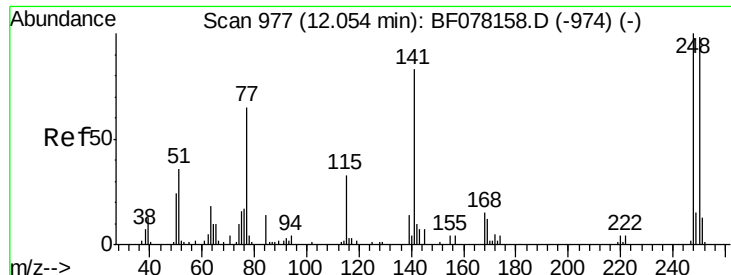
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#65  
 n-Nitrosodiphenylamine  
 Concen: 42.35 ng  
 RT: 11.61 min Scan# 938  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 209908 |       |       |
| 168     | 66.8  | 55.0   | 82.4  |       |
| 167     | 36.7  | 29.3   | 43.9  |       |





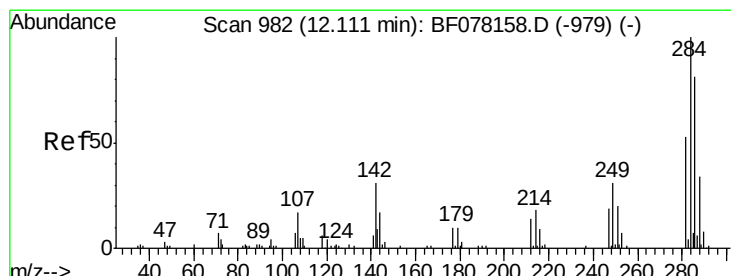
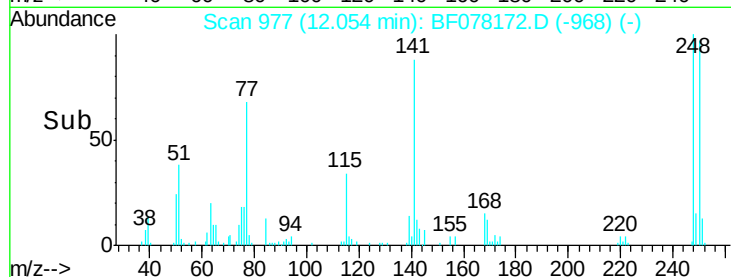
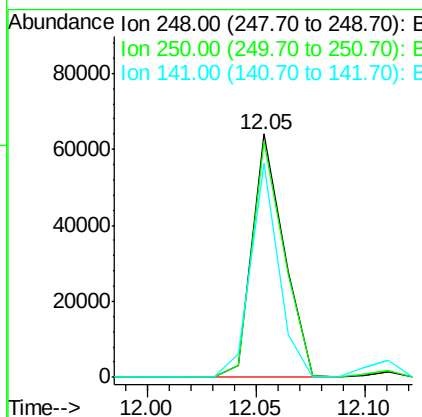
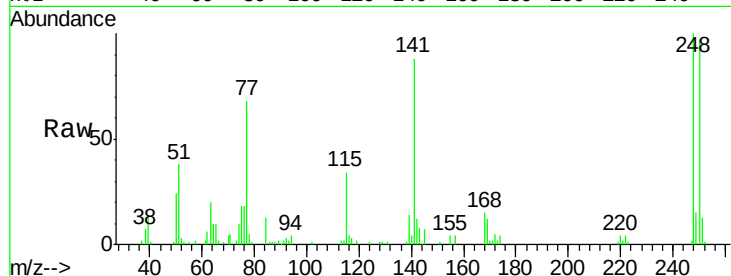
#66  
 4-Bromophenyl-phenylether  
 Concen: 43.13 ng  
 RT: 12.05 min Scan# 977  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.1  | 78.2  | 117.2 |
| 141     | 88.0  | 66.4  | 99.6  |

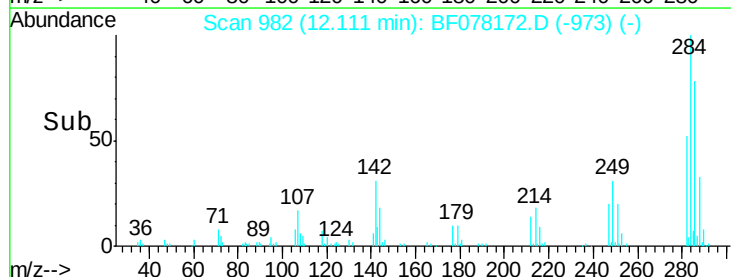
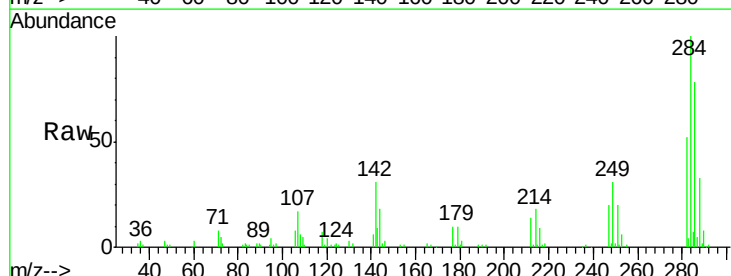
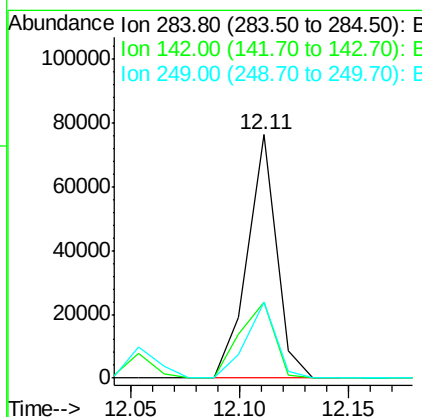
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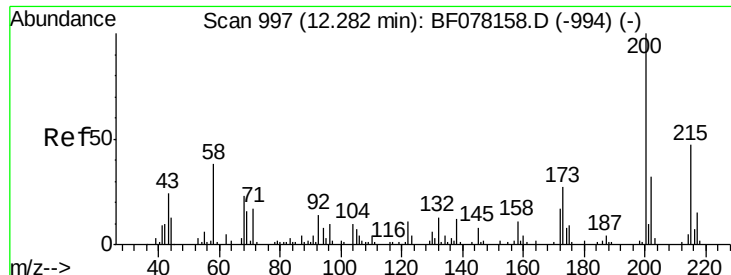
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#67  
 Hexachlorobenzene  
 Concen: 42.79 ng  
 RT: 12.11 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.0  | 24.5  | 36.7  |
| 249     | 31.4  | 24.8  | 37.2  |





#68

Atrazine

Concen: 45.59 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

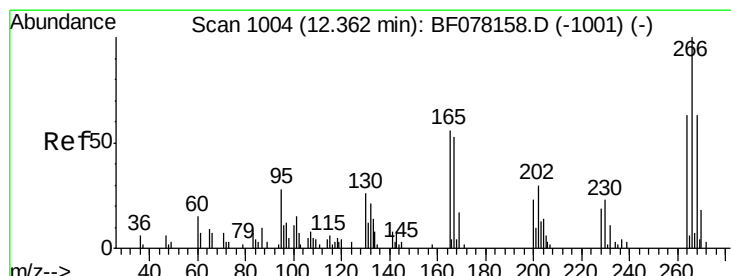
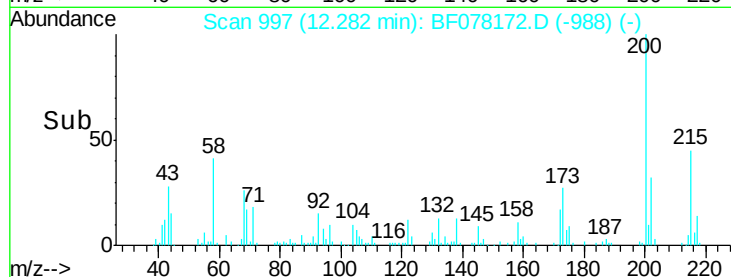
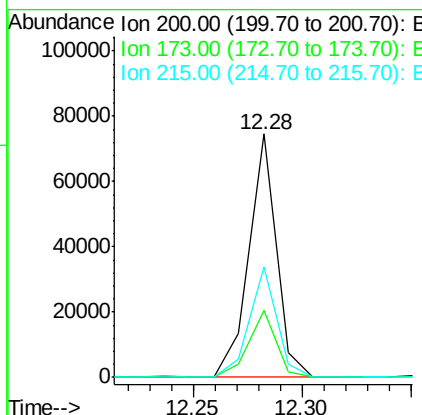
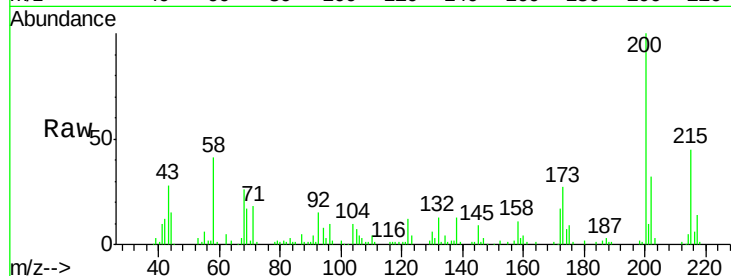
ClientSampleId :

PB82482BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 200   | Resp: | 65449 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 27.4  | 6.9   | 46.9  |
| 215       | 45.2  | 27.1  | 67.1  |

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#69

Pentachlorophenol

Concen: 82.45 ng

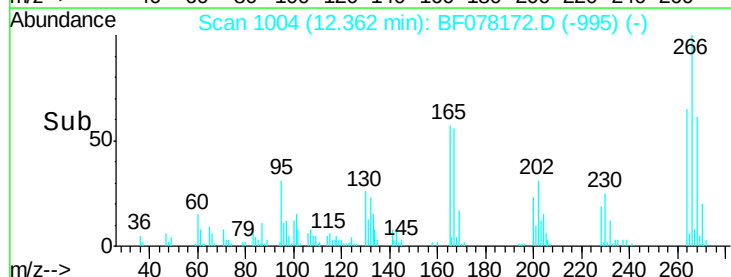
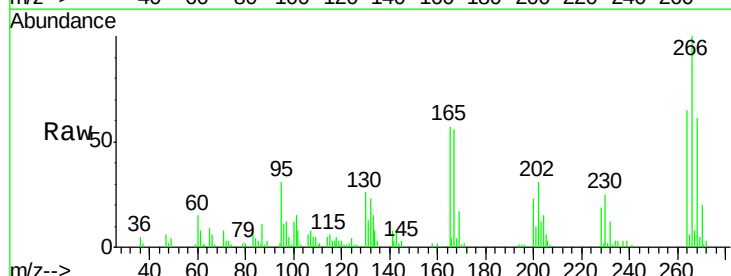
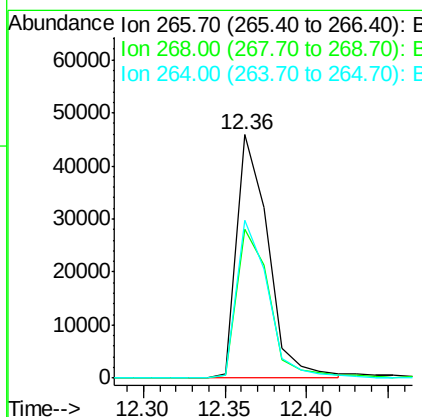
RT: 12.36 min Scan# 1004

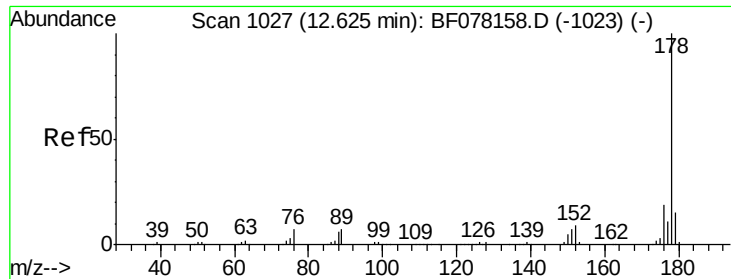
Delta R.T. 0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 60994 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 61.1  | 50.1  | 75.1  |
| 264       | 64.6  | 50.0  | 75.0  |





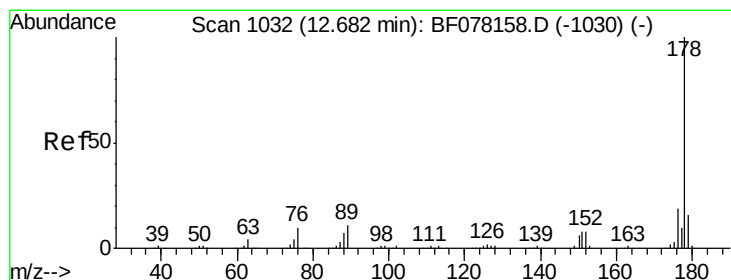
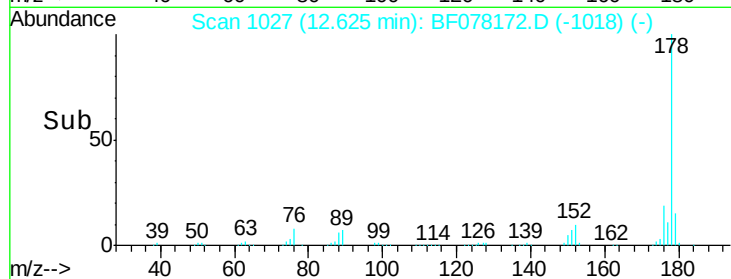
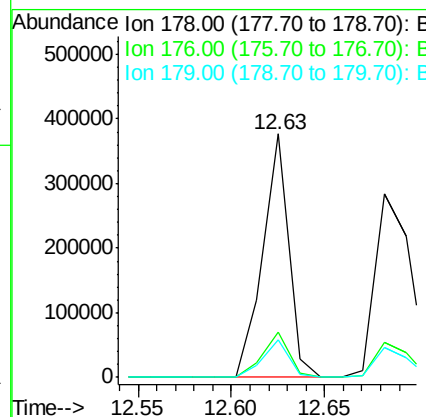
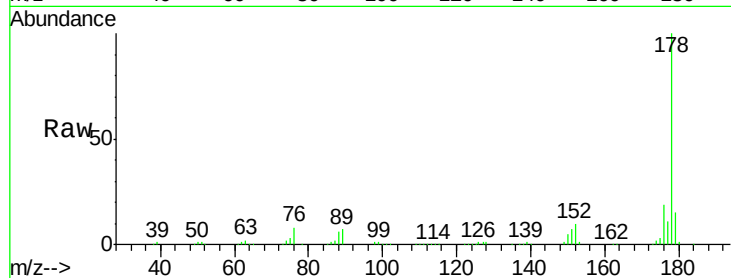
#70  
Phenanthrene  
Concen: 43.67 ng  
RT: 12.63 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.0  |
| 179     | 15.4  | 12.2  | 18.2  |

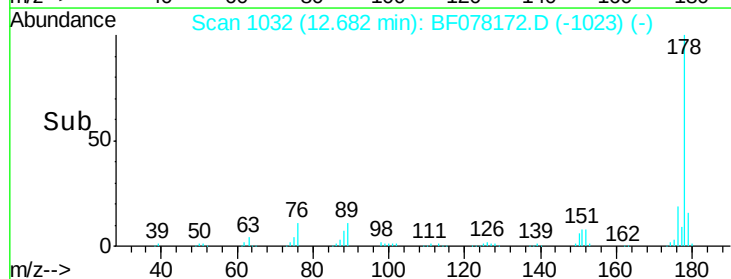
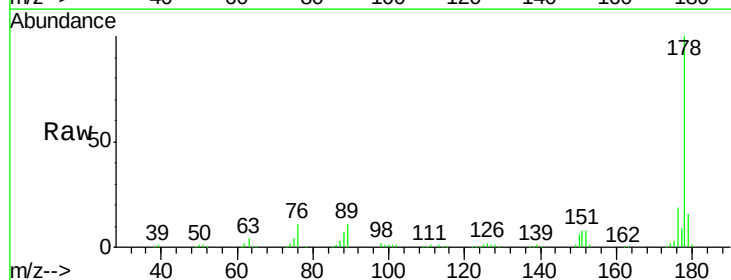
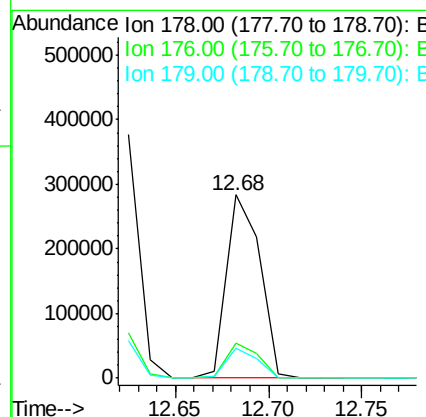
Manual Integrations  
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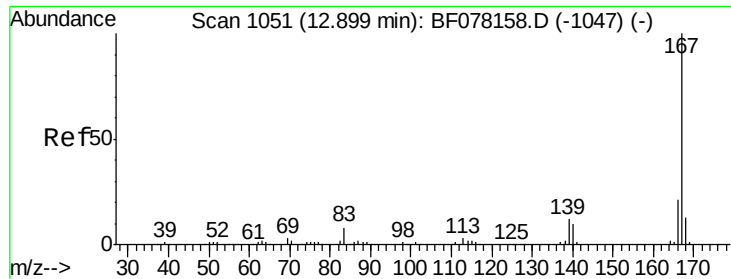
apatel  
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#71  
Anthracene  
Concen: 43.45 ng  
RT: 12.68 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 14.8  | 22.2  |
| 179     | 16.1  | 12.4  | 18.6  |





#72

Carbazole

Concen: 44.27 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

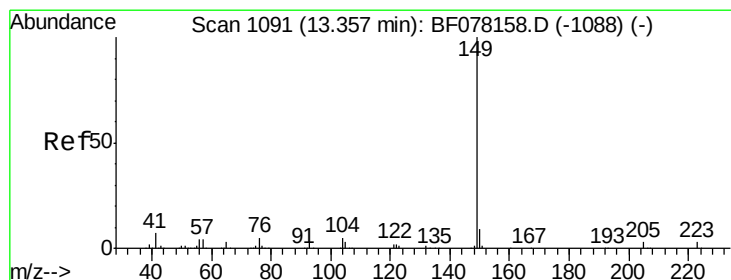
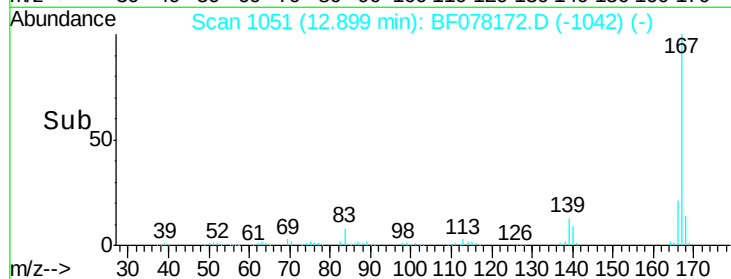
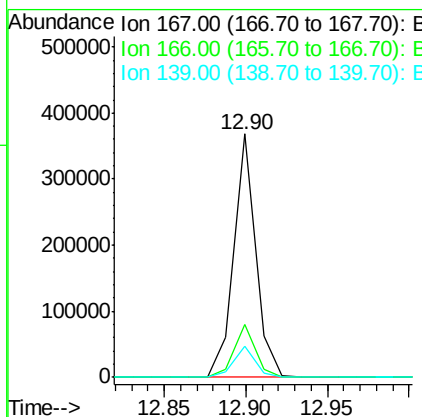
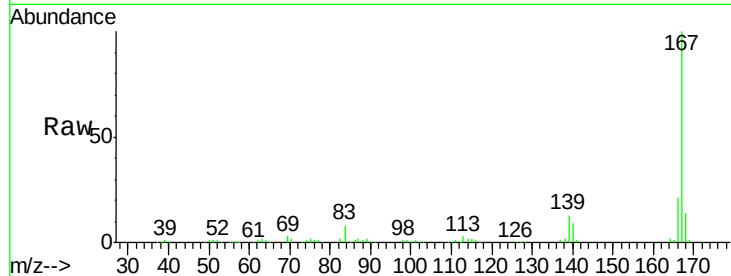
ClientSampleId :

PB82482BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 338874 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.5  | 16.8  | 25.2   |
| 139       | 12.6  | 10.0  | 15.0   |

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#73

Di-n-butylphthalate

Concen: 44.00 ng

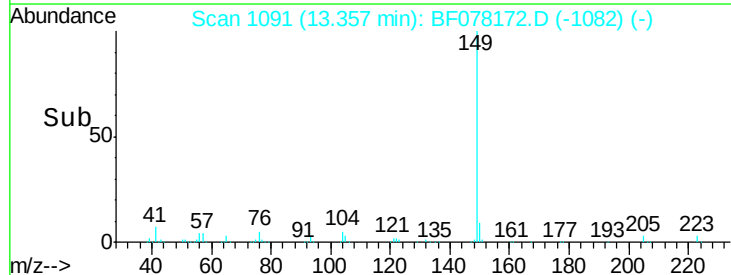
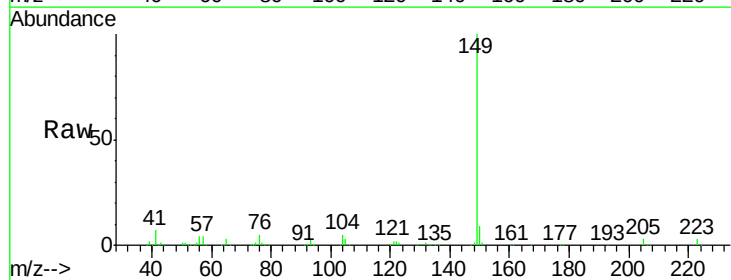
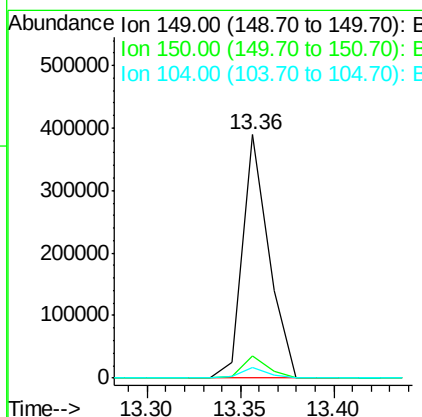
RT: 13.36 min Scan# 1091

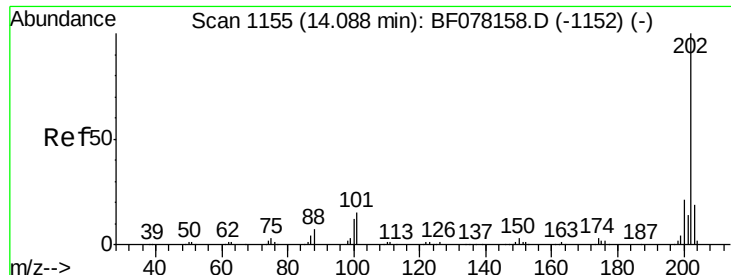
Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 381540 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.1   | 10.7   |
| 104       | 4.6   | 3.8   | 5.6    |





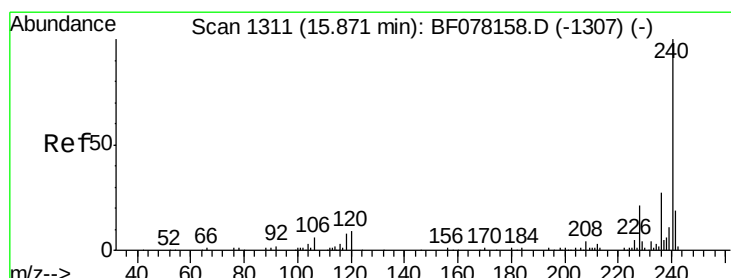
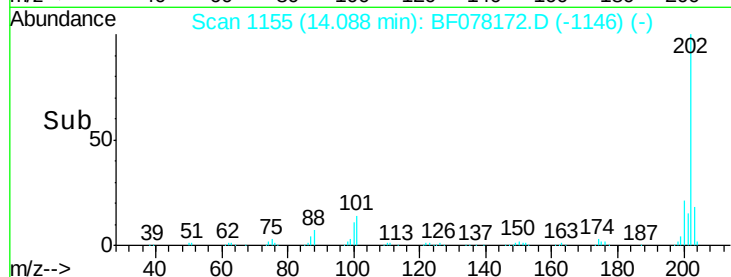
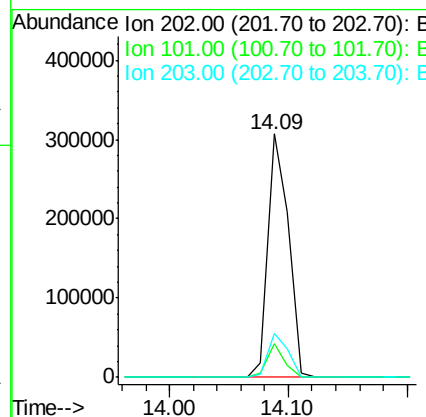
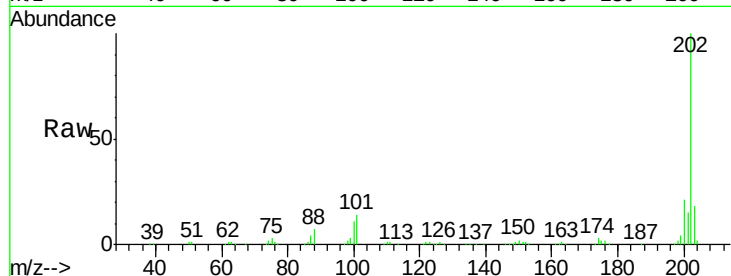
#74  
 Fluoranthene  
 Concen: 42.69 ng  
 RT: 14.09 min Scan# 1155  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 14.1  | 0.0        | 35.2       |
| 203     | 18.0  | 0.0        | 38.5       |

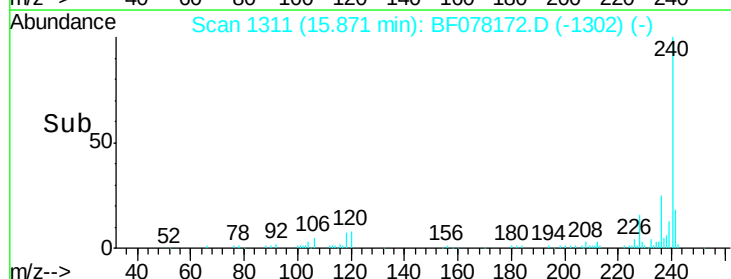
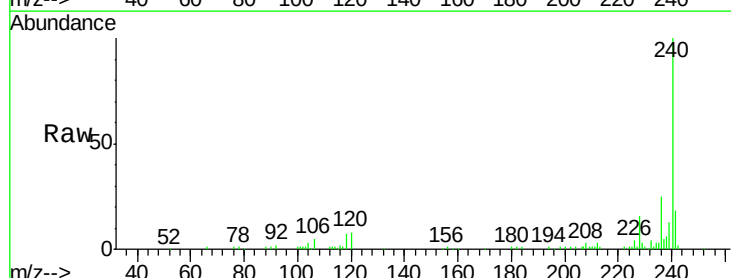
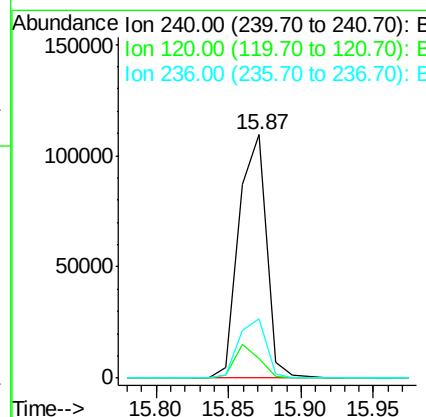
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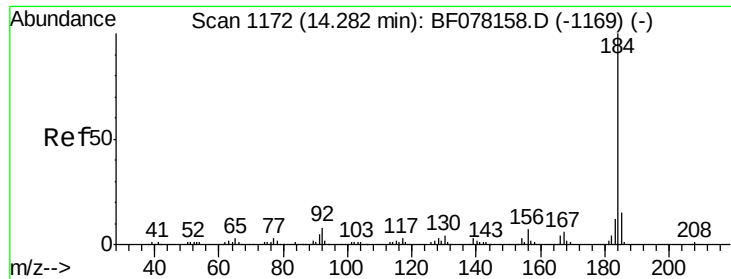


#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 15.87 min Scan# 1311  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 8.0   | 7.1        | 10.7       |
| 236     | 24.5  | 21.4       | 32.2       |







#76

Benzidine

Concen: 24.67 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

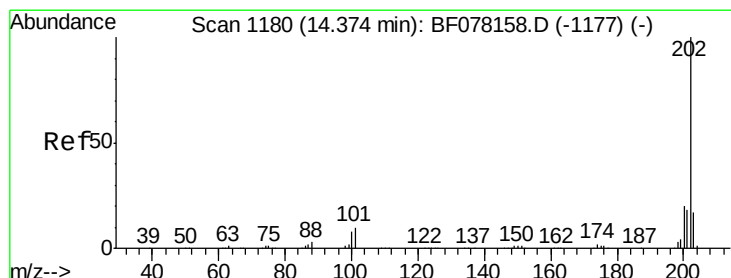
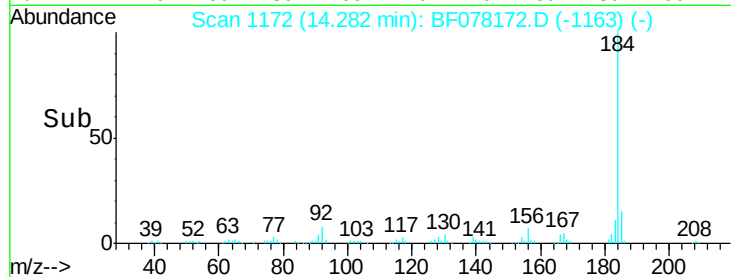
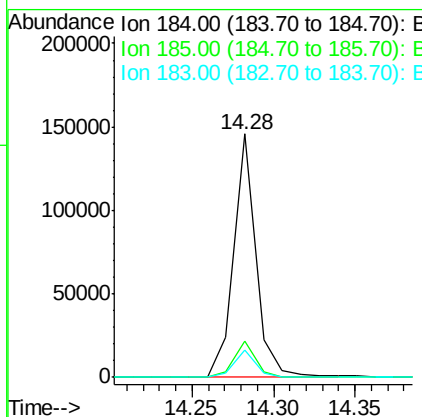
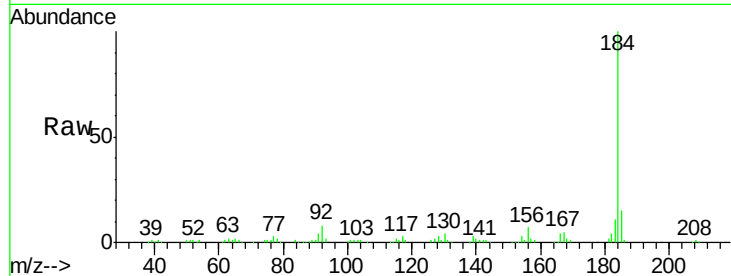
ClientSampleId :

PB82482BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 137452 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.1  | 12.2  | 18.2   |
| 183       | 11.3  | 9.5   | 14.3   |

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#77

Pyrene

Concen: 44.56 ng

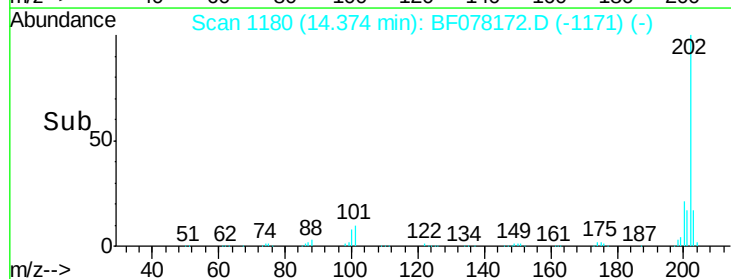
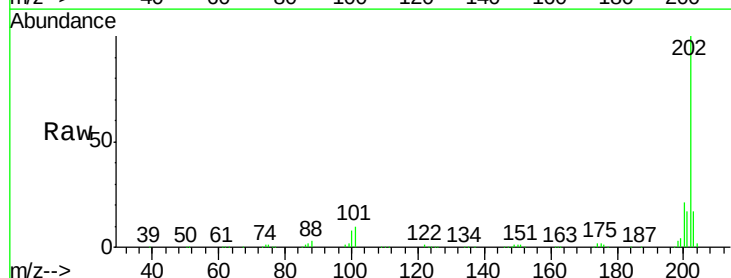
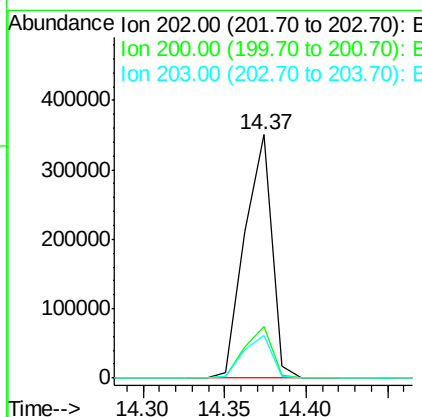
RT: 14.37 min Scan# 1180

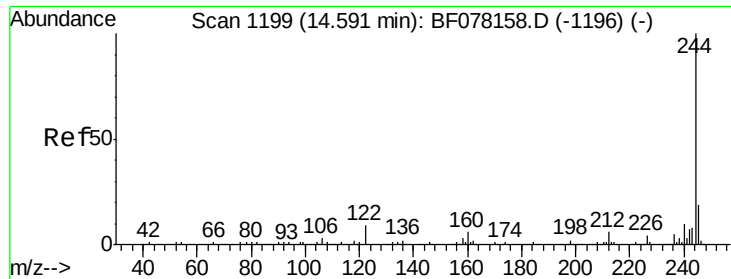
Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 404785 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.9  | 16.3  | 24.5   |
| 203       | 17.3  | 13.8  | 20.6   |





#78

Terphenyl-d14

Concen: 78.73 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

Instrument :

BNA\_F

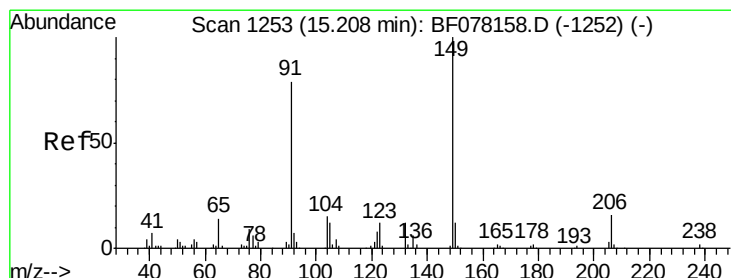
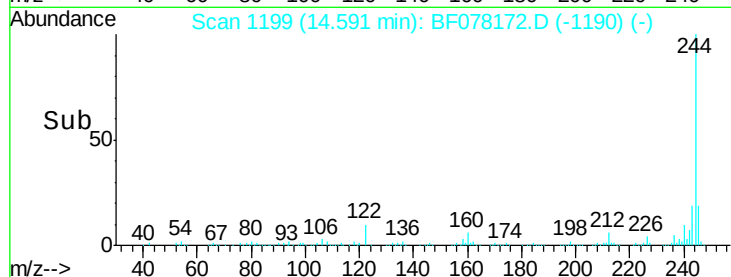
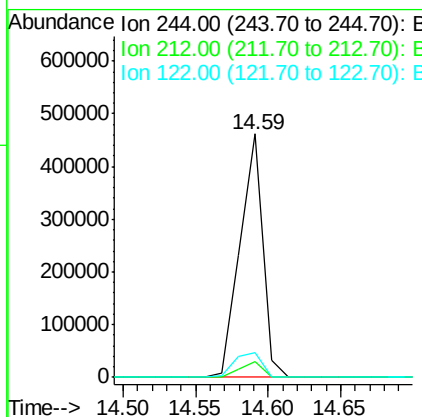
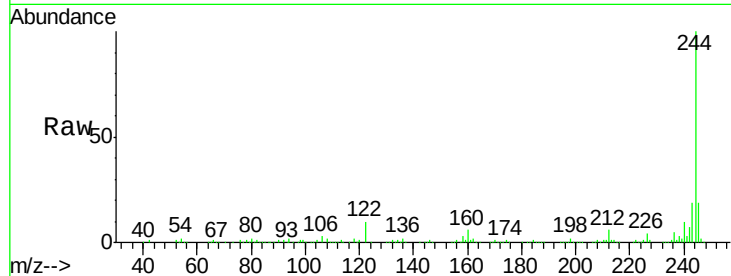
ClientSampleId :

PB82482BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 504131 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.4   | 5.0   | 7.4    |
| 122       | 10.1  | 7.1   | 10.7   |

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#79

Butylbenzylphthalate

Concen: 46.70 ng

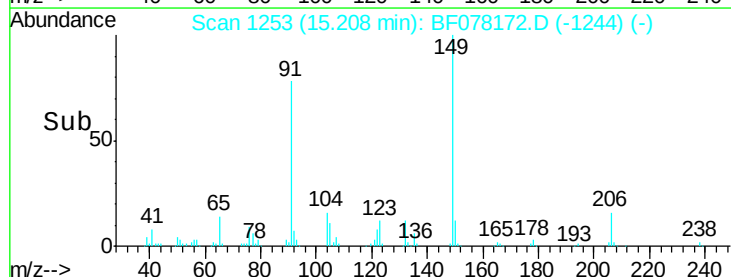
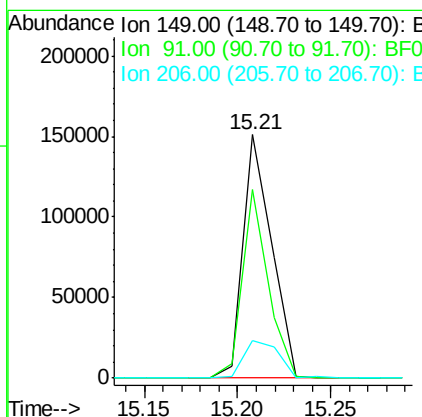
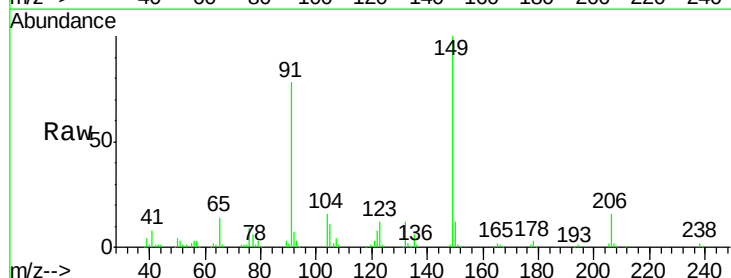
RT: 15.21 min Scan# 1253

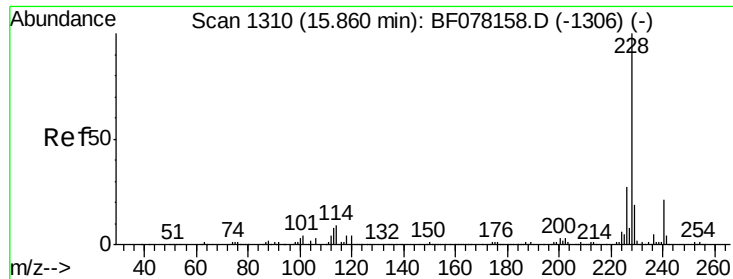
Delta R.T. -0.00 min

Lab File: BF078172.D

Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 161694 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 77.7  | 64.2  | 96.2   |
| 206       | 15.5  | 12.6  | 18.8   |





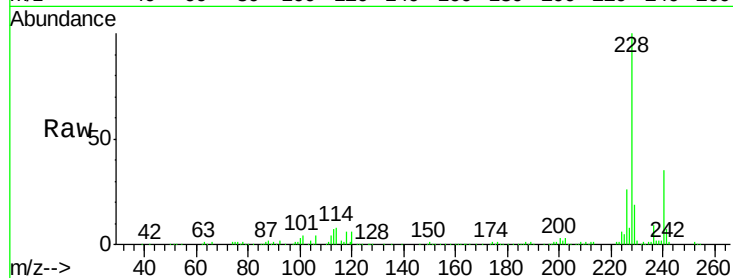
#80  
Benzo(a)anthracene  
Concen: 42.09 ng  
RT: 15.86 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

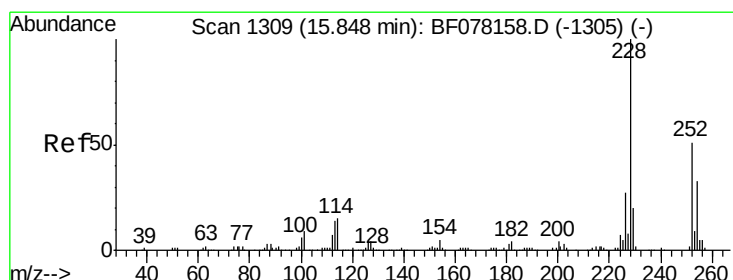
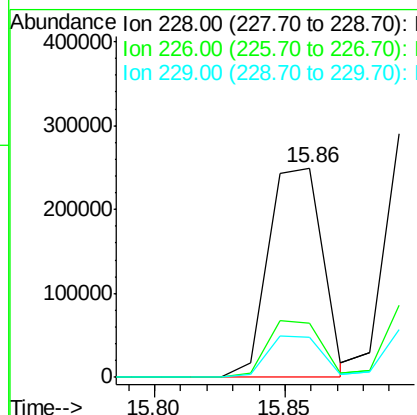
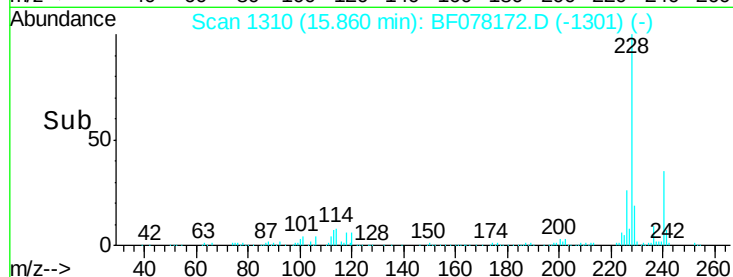
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 362349 |       |       |
| 226     | 26.2  | 21.3   | 31.9  |       |
| 229     | 19.2  | 15.4   | 23.2  |       |

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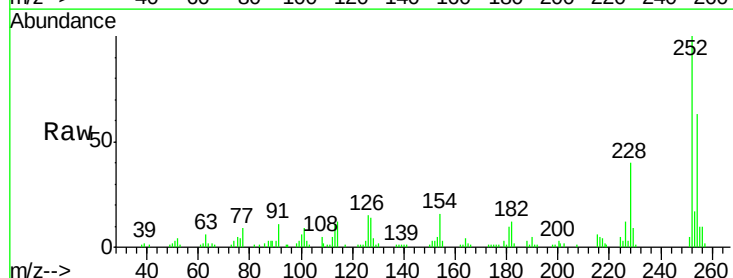


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

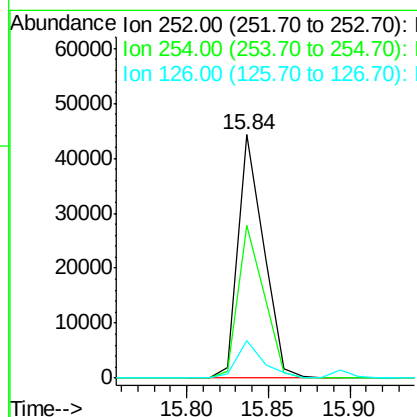
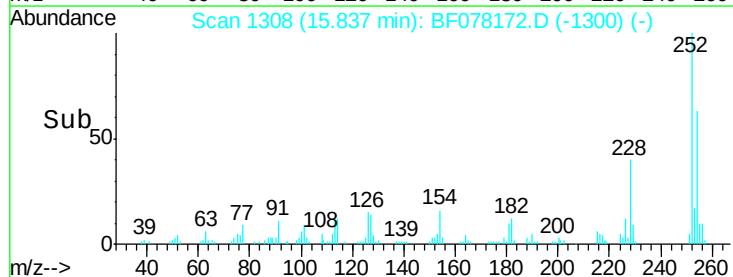


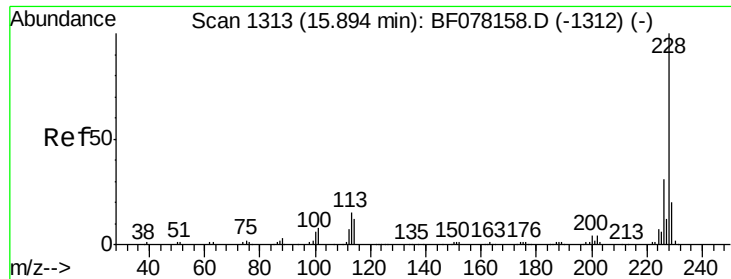
#81  
3,3'-Dichlorobenzidine  
Concen: 16.64 ng  
RT: 15.84 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 47974 |       |       |
| 254     | 62.7  | 51.2  | 76.8  |       |
| 126     | 15.3  | 6.3   | 9.5#  |       |



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





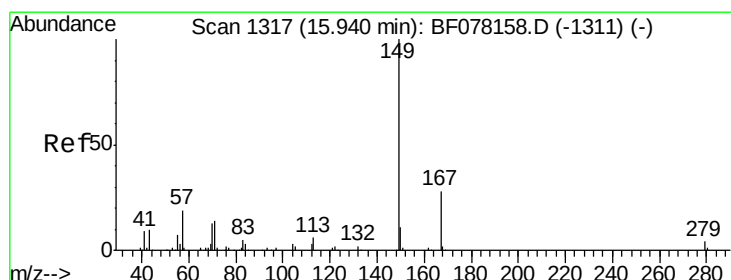
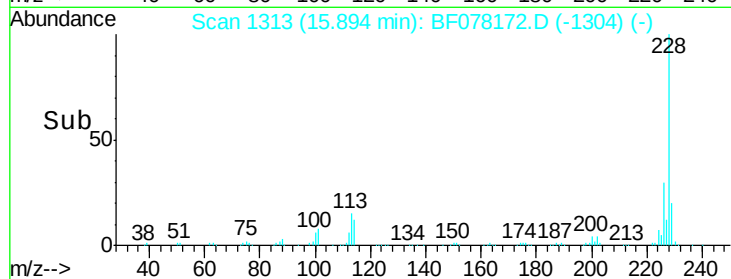
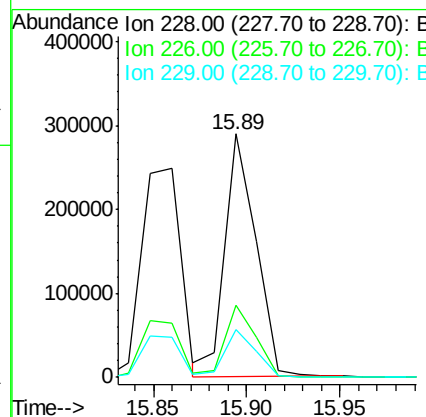
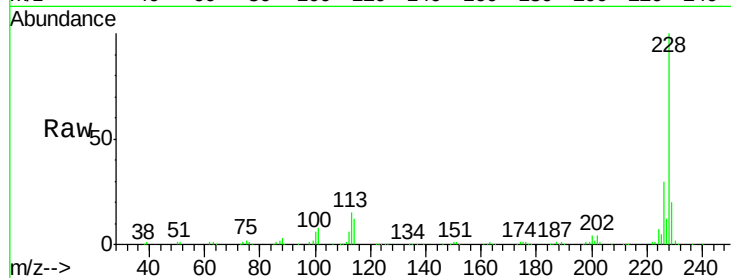
#82  
 Chrysene  
 Concen: 41.49 ng  
 RT: 15.89 min Scan# 1313  
 Delta R.T. -0.00 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82482BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 335598 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 29.8 | 24.2  | 36.4   |
| 229       | 19.8 | 15.8  | 23.8   |

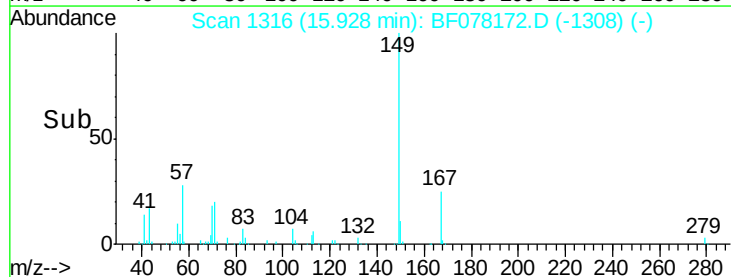
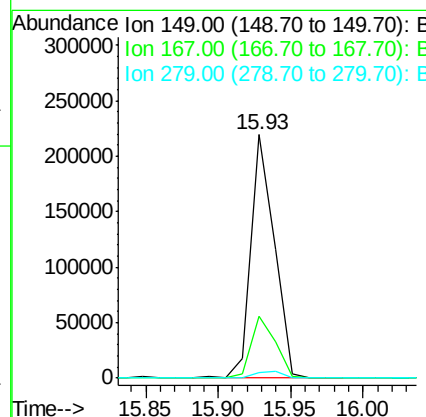
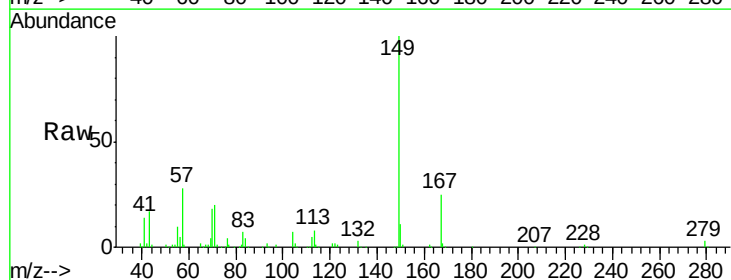
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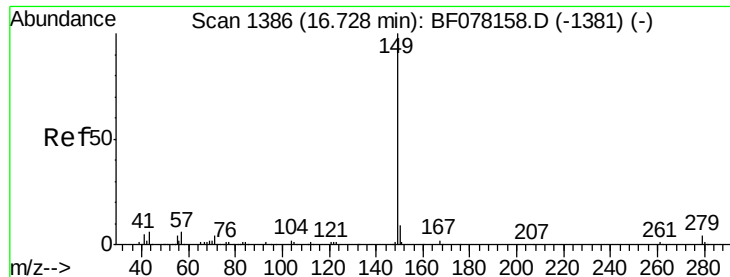
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#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.33 ng  
 RT: 15.93 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BF078172.D  
 Acq: 2 Apr 2015 00:49

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 246128 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 25.4 | 22.2  | 33.2   |
| 279       | 2.5  | 3.2   | 4.8#   |





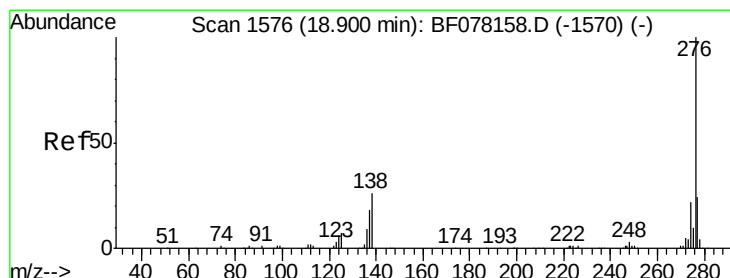
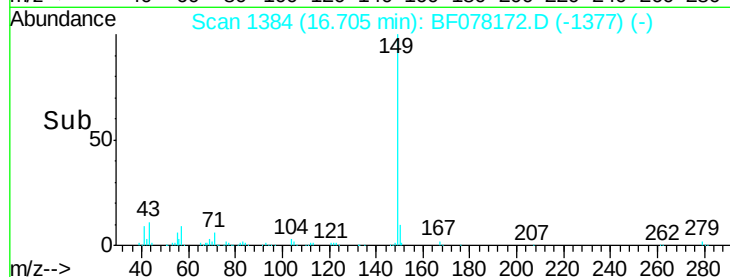
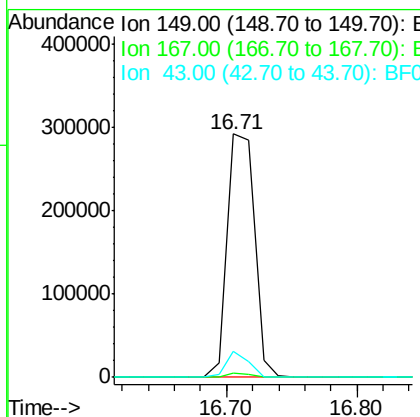
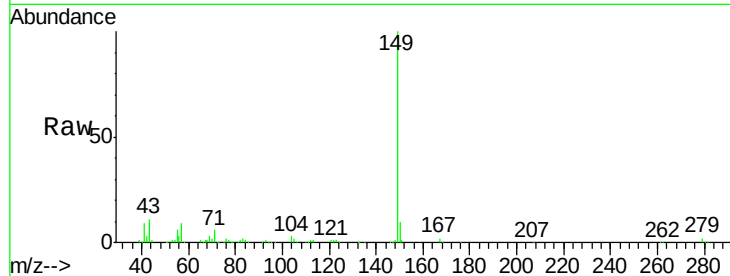
#84  
Di-n-octyl phthalate  
Concen: 47.47 ng  
RT: 16.71 min Scan# 1384  
Delta R.T. -0.02 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 0.0        | 0.0#  |
| 43      | 9.1   | 0.0        | 0.0#  |

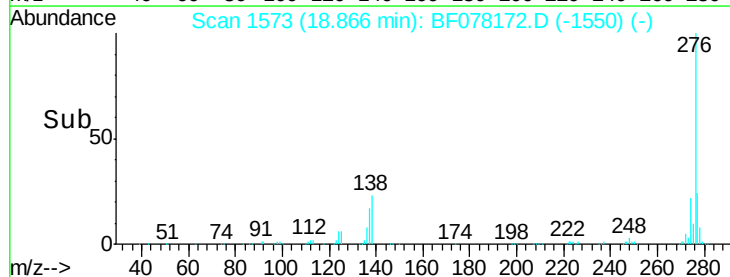
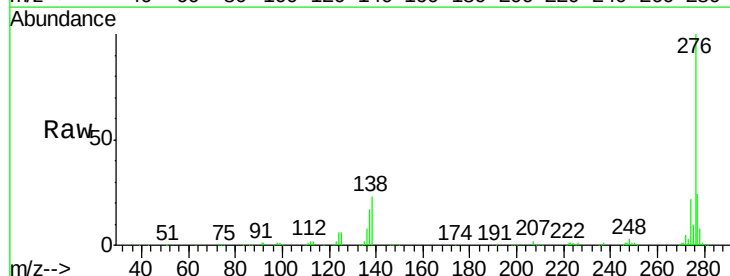
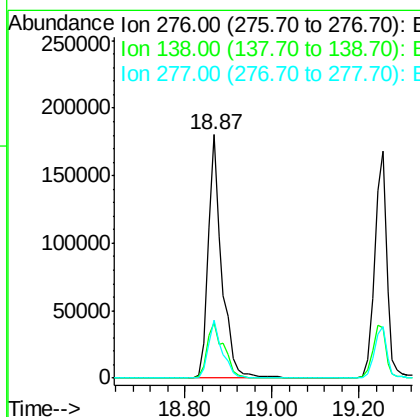
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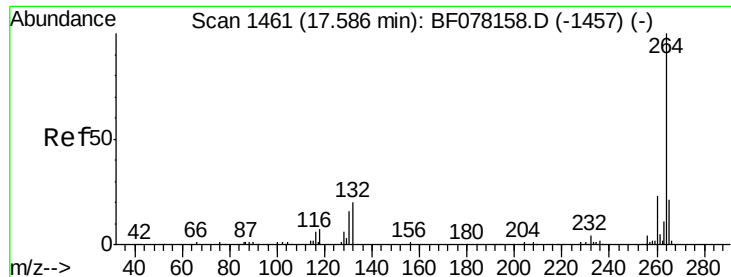
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.70 ng  
RT: 18.87 min Scan# 1573  
Delta R.T. -0.03 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 28.5  | 16.9       | 25.3# |
| 277     | 24.6  | 15.8       | 23.6# |





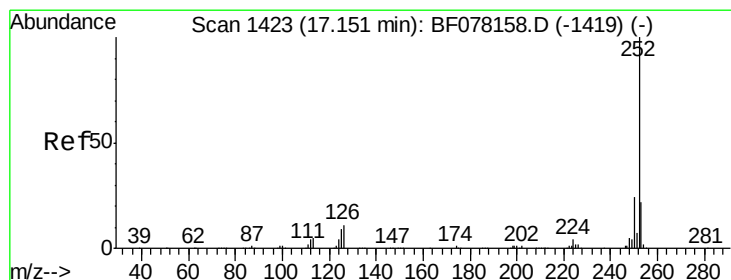
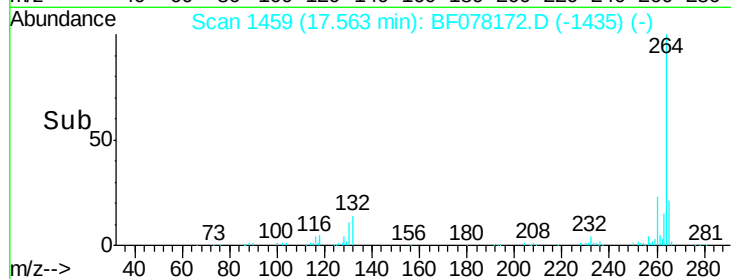
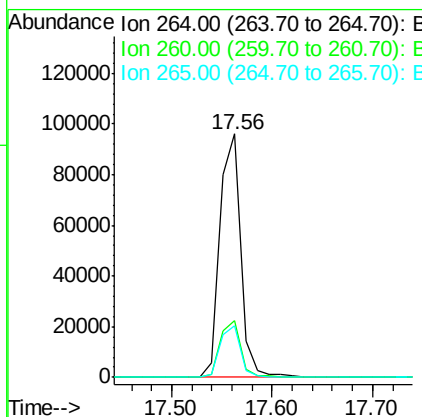
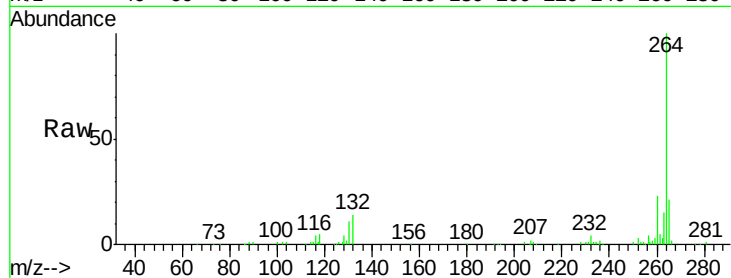
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 17.56 min Scan# 1459  
Delta R.T. -0.02 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 138781 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.3  | 18.6  | 27.8   |
| 265       | 21.2  | 17.0  | 25.6   |

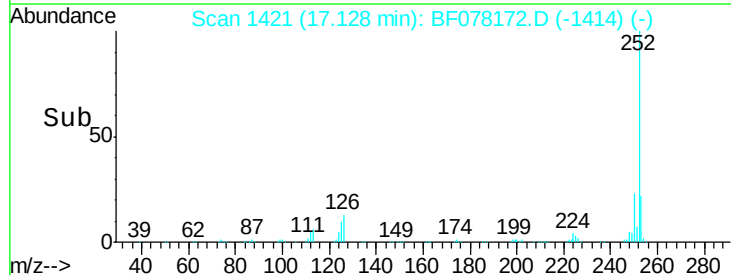
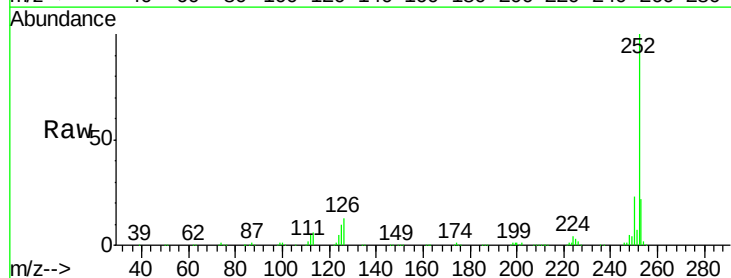
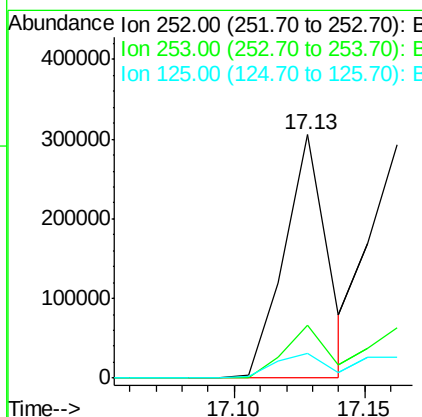
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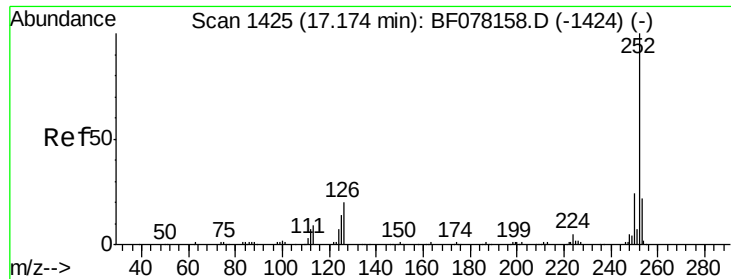
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#87  
Benzo(b)fluoranthene  
Concen: 40.60 ng  
RT: 17.13 min Scan# 1421  
Delta R.T. -0.02 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 348227 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 17.2  | 25.8   |
| 125       | 10.0  | 7.0   | 10.4   |





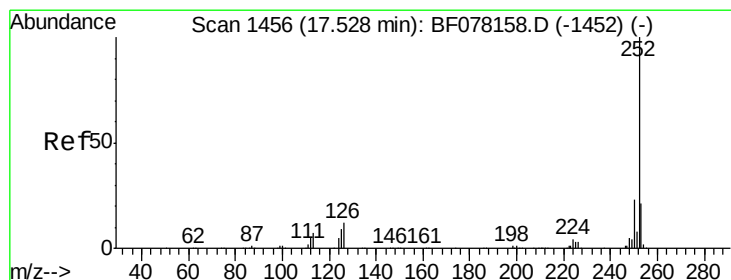
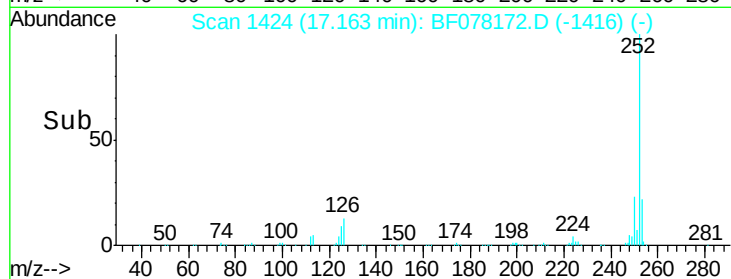
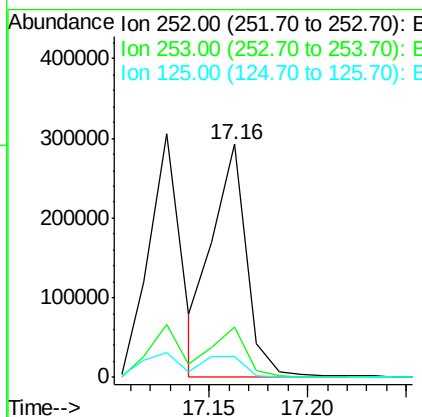
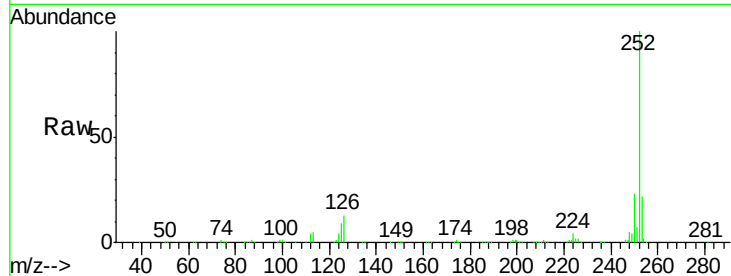
#88  
Benzo(k)fluoranthene  
Concen: 46.85 ng m  
RT: 17.16 min Scan# 1424  
Delta R.T. -0.01 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.5  | 26.3  |
| 125     | 8.9   | 11.6  | 17.4# |

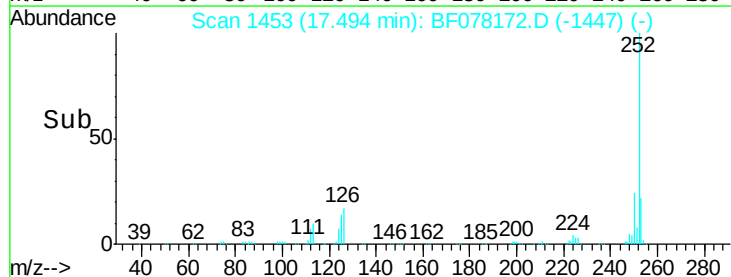
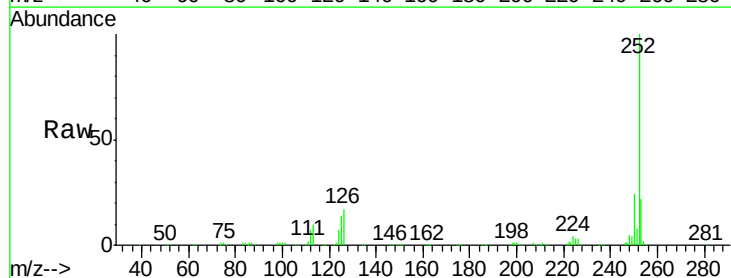
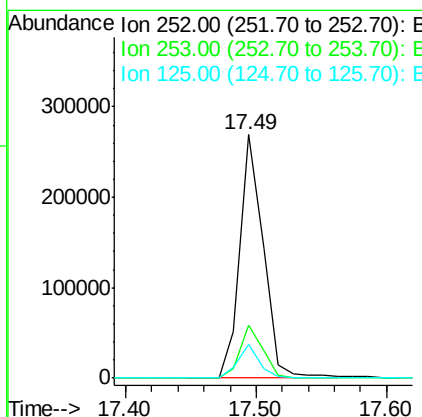
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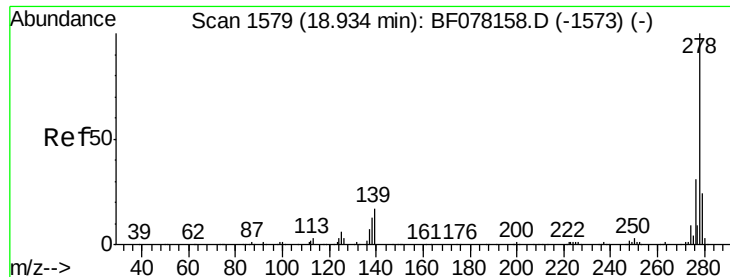
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#89  
Benzo(a)pyrene  
Concen: 45.24 ng  
RT: 17.49 min Scan# 1453  
Delta R.T. -0.03 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 16.8  | 25.2  |
| 125     | 13.7  | 7.4   | 11.0# |





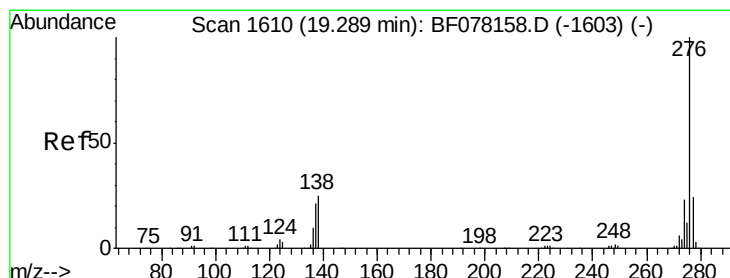
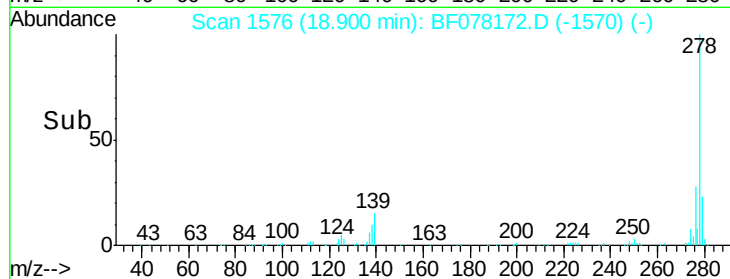
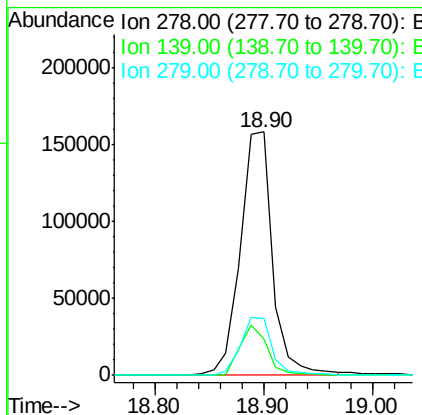
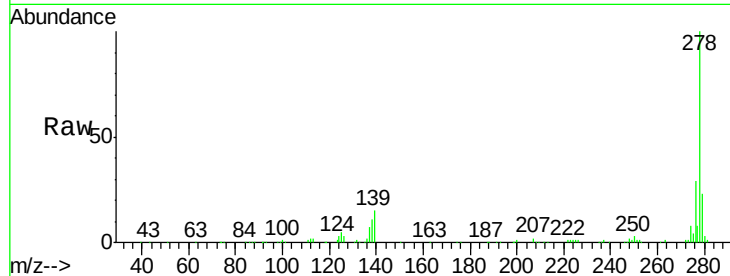
#90  
Dibenzo(a,h)anthracene  
Concen: 43.21 ng  
RT: 18.90 min Scan# 1576  
Delta R.T. -0.03 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

Instrument :  
BNA\_F  
ClientSampleId :  
PB82482BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 323842 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 14.6  | 13.6  | 20.4   |
| 279       | 23.4  | 19.0  | 28.6   |

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#91  
Benzo(g,h,i)perylene  
Concen: 43.29 ng  
RT: 19.25 min Scan# 1607  
Delta R.T. -0.03 min  
Lab File: BF078172.D  
Acq: 2 Apr 2015 00:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 325316 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.0  | 19.0  | 28.4   |
| 138       | 22.0  | 19.9  | 29.9   |

