

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021115\  
 Data File : BF077257.D  
 Acq On : 11 Feb 2015 16:59  
 Operator : TP/IZ  
 Sample : PB81702BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 2

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

Manual Integrations  
 APPROVED

apatel  
 2/12/2015 4:13:30 PM

Quant Time: Feb 12 01:24:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 10 13:30:38 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 69859    | 40.00 | ng    | -0.06    |
| 21) Naphthalene-d8        | 10.45 | 136  | 299444m  | 40.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 14.58 | 164  | 146689   | 40.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 17.47 | 188  | 260901   | 40.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 20.99 | 240  | 239633   | 40.00 | ng    | -0.02    |
| 86) Perylene-d12          | 22.67 | 264  | 208610   | 40.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 4.54  | 112 | 227903 | 107.28 | ng | -0.05 |
| 7) Phenol-d6             | 6.97  | 99  | 284889 | 106.30 | ng | -0.05 |
| 23) Nitrobenzene-d5      | 8.85  | 82  | 178858 | 66.18  | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 16.34 | 330 | 66424  | 111.57 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 13.12 | 172 | 367827 | 76.32  | ng | -0.05 |
| 78) Terphenyl-d14        | 19.72 | 244 | 366566 | 70.43  | ng | -0.03 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.05  | 88  | 20304  | 22.32 | ng | # 96   |
| 3) Pyridine                    | 1.47  | 79  | 62729  | 26.65 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 1.44  | 42  | 30341  | 26.02 | ng | # 96   |
| 6) Aniline                     | 6.83  | 93  | 58301  | 15.72 | ng | 96     |
| 8) 2-Chlorophenol              | 7.07  | 128 | 80797  | 32.99 | ng | 98     |
| 10) Phenol                     | 7.00  | 94  | 82943  | 29.15 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.09  | 93  | 71859  | 32.27 | ng | # 77   |
| 12) 1,3-Dichlorobenzene        | 7.38  | 146 | 81670  | 29.31 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.58  | 146 | 84117  | 28.47 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.89  | 146 | 81700  | 30.01 | ng | 99     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 69530  | 32.06 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 100282 | 33.50 | ng | 75     |
| 17) 2-Methylphenol             | 8.36  | 107 | 60099  | 30.03 | ng | 96     |
| 18) Hexachloroethane           | 8.64  | 117 | 32016  | 31.15 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.64  | 70  | 58885  | 31.39 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 81552m | 30.77 | ng |        |
| 22) Acetophenone               | 8.54  | 105 | 116825 | 31.86 | ng | 99     |
| 24) Nitrobenzene               | 8.90  | 77  | 82919  | 30.12 | ng | 96     |
| 25) Isophorone                 | 9.50  | 82  | 155366 | 31.57 | ng | 95     |
| 26) 2-Nitrophenol              | 9.64  | 139 | 41062  | 31.59 | ng | # 91   |
| 27) 2,4-Dimethylphenol         | 9.94  | 122 | 73004  | 34.29 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 95409  | 34.11 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 69788m | 35.17 | ng |        |
| 30) 1,2,4-Trichlorobenzene     | 10.37 | 180 | 69784  | 31.66 | ng | 93     |
| 31) Naphthalene                | 10.50 | 128 | 240464 | 31.20 | ng | 99     |
| 32) Benzoic acid               | 10.35 | 122 | 18918m | 16.04 | ng |        |
| 33) 4-Chloroaniline            | 10.77 | 127 | 51880m | 16.66 | ng |        |
| 34) Hexachlorobutadiene        | 10.87 | 225 | 40979  | 31.34 | ng | 100    |
| 35) Caprolactam                | 11.62 | 113 | 19117m | 32.73 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.09 | 107 | 69414  | 30.55 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.16 | 142 | 170850 | 32.46 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216 | 68720  | 37.90 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 12.55 | 237 | 66599  | 73.48 | ng | 96     |
| 42) 2,4,6-Trichlorophenol      | 12.92 | 196 | 45527  | 34.46 | ng | 93     |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 2

Instrument :  
 BNA\_F  
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 PB81702BS

Manual Integrations  
 APPROVED

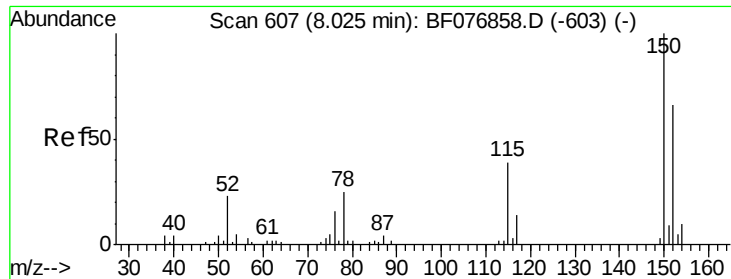
apatel  
 2/12/2015 4:13:30 PM

Quant Time: Feb 12 01:24:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 10 13:30:38 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.03 | 196  | 43108m   | 31.99 | ng    |          |
| 45) 1,1'-Biphenyl              | 13.31 | 154  | 200899   | 36.95 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.29 | 162  | 163322   | 36.50 | ng    | 96       |
| 47) 2-Nitroaniline             | 13.64 | 65   | 49242    | 36.28 | ng    | 87       |
| 48) Acenaphthylene             | 14.23 | 152  | 263294   | 34.89 | ng    | 98       |
| 49) Dimethylphthalate          | 14.20 | 163  | 192970   | 37.10 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.29 | 165  | 38674    | 37.21 | ng    | 91       |
| 51) Acenaphthene               | 14.65 | 154  | 148756   | 34.74 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.64 | 138  | 26036    | 22.09 | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 14.93 | 184  | 25866    | 68.75 | ng    | 93       |
| 54) Dibenzofuran               | 15.08 | 168  | 231762   | 37.15 | ng    | 98       |
| 55) 4-Nitrophenol              | 15.27 | 139  | 43022    | 52.77 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 15.23 | 165  | 55517    | 38.29 | ng    | 95       |
| 57) Fluorene                   | 15.85 | 166  | 191138   | 36.17 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 29192    | 29.75 | ng    | # 91     |
| 59) Diethylphthalate           | 15.87 | 149  | 204841   | 38.97 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.95 | 204  | 80404    | 37.19 | ng    | 94       |
| 61) 4-Nitroaniline             | 16.02 | 138  | 37287    | 30.47 | ng    | 96       |
| 62) Azobenzene                 | 16.25 | 77   | 185995m  | 33.96 | ng    |          |
| 64) 4,6-Dinitro-2-methylphenol | 16.10 | 198  | 23962    | 33.22 | ng    | # 74     |
| 65) n-Nitrosodiphenylamine     | 16.21 | 169  | 156686   | 33.69 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.83 | 248  | 47872    | 36.22 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.84 | 284  | 45902    | 32.96 | ng    | # 78     |
| 68) Atrazine                   | 17.23 | 200  | 50008    | 35.43 | ng    | 95       |
| 69) Pentachlorophenol          | 17.23 | 266  | 27900    | 53.73 | ng    | 97       |
| 70) Phenanthrene               | 17.51 | 178  | 258040   | 31.72 | ng    | 99       |
| 71) Anthracene                 | 17.59 | 178  | 260385   | 32.82 | ng    | 99       |
| 72) Carbazole                  | 17.88 | 167  | 252320   | 32.79 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 329661   | 37.01 | ng    | 99       |
| 74) Fluoranthene               | 19.16 | 202  | 261975   | 31.43 | ng    | 99       |
| 76) Benzidine                  | 19.41 | 184  | 111845   | 29.17 | ng    | 98       |
| 77) Pyrene                     | 19.45 | 202  | 271892   | 33.11 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.40 | 149  | 139152   | 37.42 | ng    | 95       |
| 80) Benzo(a)anthracene         | 20.98 | 228  | 252468   | 33.58 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 20.99 | 252  | 55539    | 23.25 | ng    | 99       |
| 82) Chrysene                   | 21.01 | 228  | 210326   | 30.68 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 201421   | 39.14 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 21.92 | 149  | 340037   | 38.08 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 23.84 | 276  | 225862m  | 31.09 | ng    |          |
| 87) Benzo(b)fluoranthene       | 22.25 | 252  | 221098   | 31.47 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 22.28 | 252  | 206644m  | 33.67 | ng    |          |
| 89) Benzo(a)pyrene             | 22.61 | 252  | 213257   | 34.42 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 23.86 | 278  | 190084m  | 33.43 | ng    |          |
| 91) Benzo(g,h,i)perylene       | 24.11 | 276  | 182954m  | 32.37 | ng    |          |

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





#1

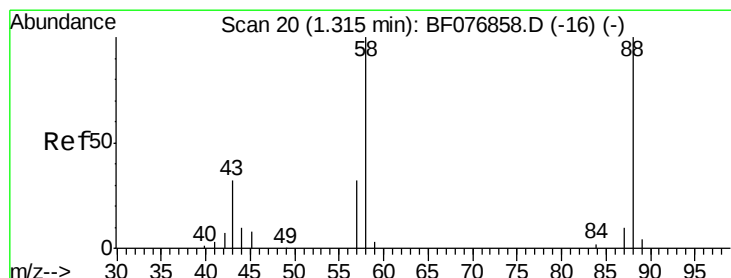
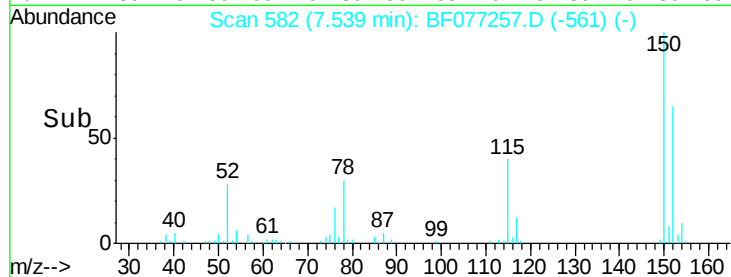
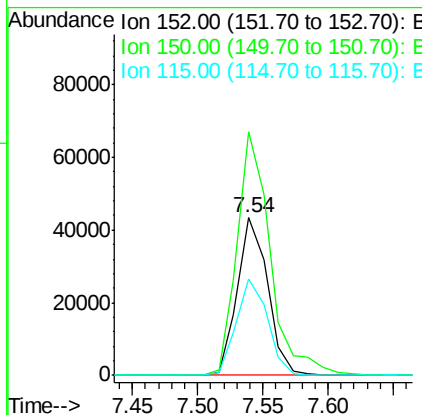
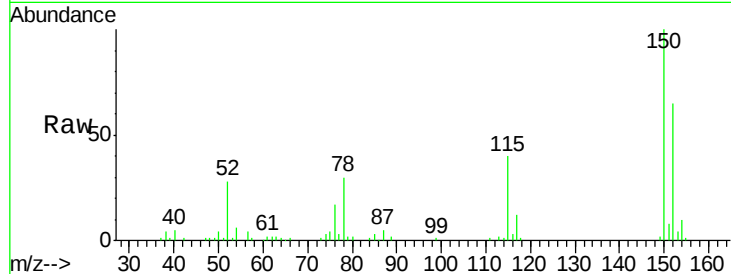
1,4-Dichlorobenzene-d4  
Concen: 40.00 ng  
RT: 7.54 min Scan# 582  
Delta R.T. -0.06 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.8 | 121.7 | 182.5 |
| 115     | 61.7  | 47.0  | 70.6  |

Manual Integrations  
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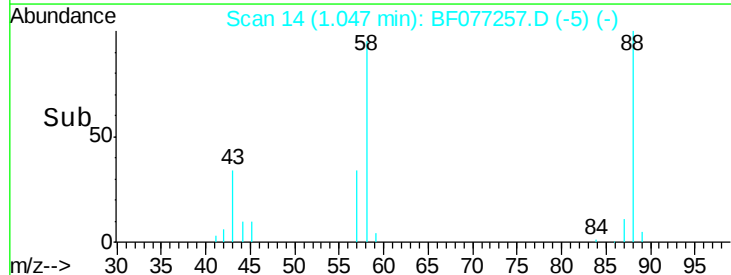
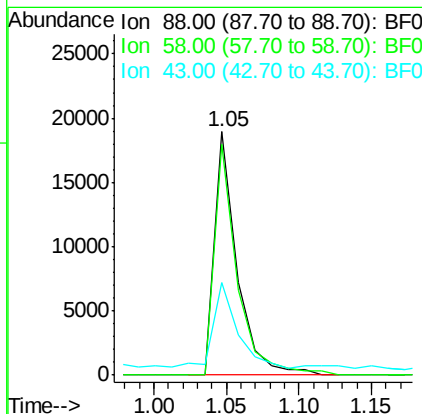
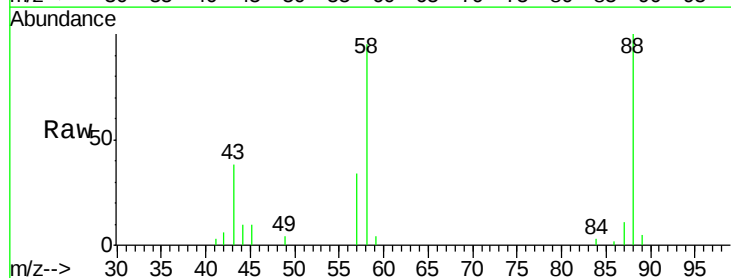
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2/12/2015 4:13:30 PM

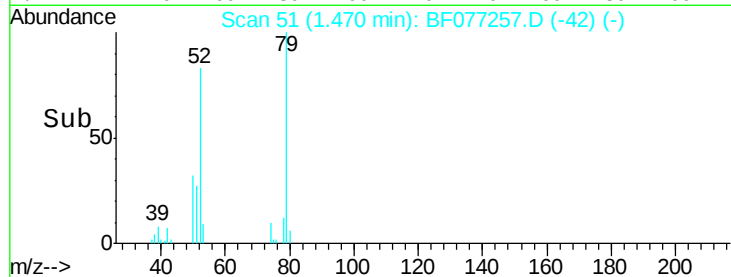
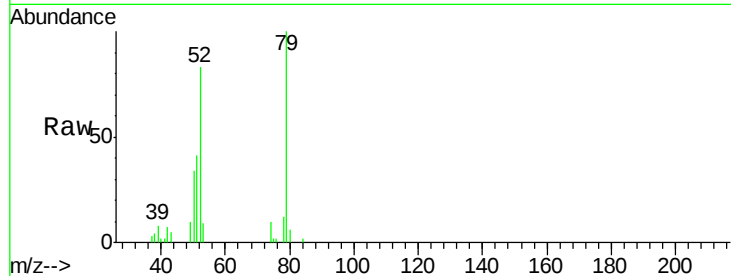


#2

1,4-Dioxane  
Concen: 22.32 ng  
RT: 1.05 min Scan# 14  
Delta R.T. 0.00 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.4  | 77.0  | 115.4 |
| 43      | 40.6  | 25.6  | 38.4  |





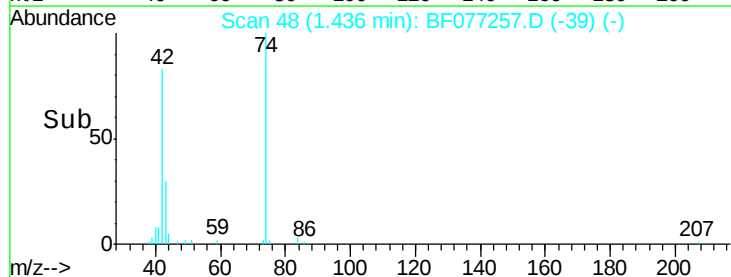
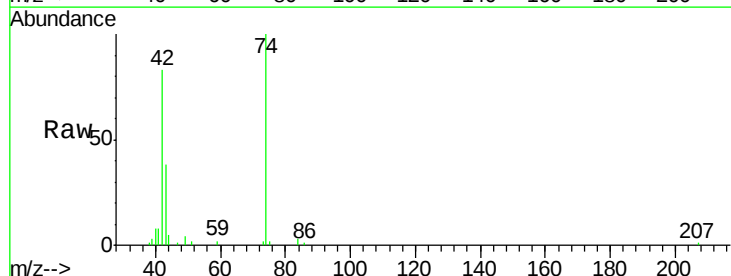
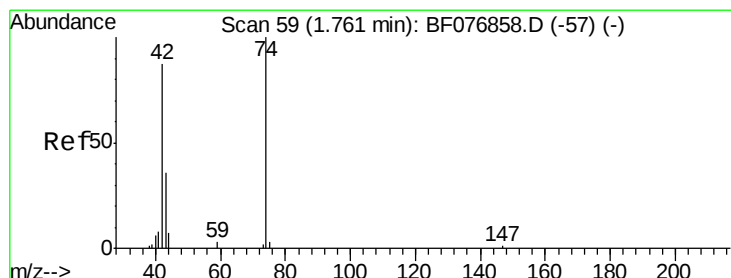
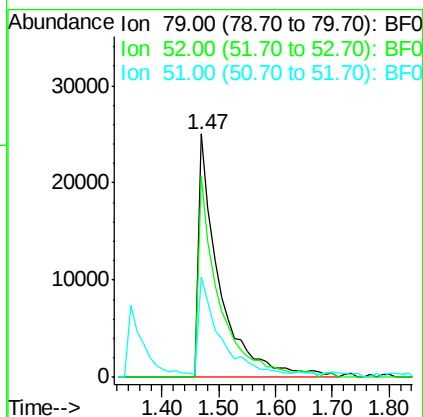
#3  
 Pyridine  
 Concen: 26.65 ng  
 RT: 1.47 min Scan# 51  
 Delta R.T. 0.00 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 82.6  | 70.1  | 105.1 |
| 51      | 41.2  | 35.1  | 52.7  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

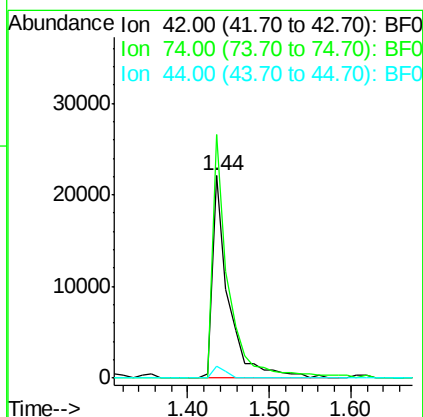
Manual Integrations  
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 2/12/2015 4:13:30 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 26.02 ng  
 RT: 1.44 min Scan# 48  
 Delta R.T. 0.00 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 120.2 | 92.4  | 138.6 |
| 44      | 6.1   | 6.2   | 9.2#  |





#5

2-Fluorophenol

Concen: 107.28 ng

RT: 4.54 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

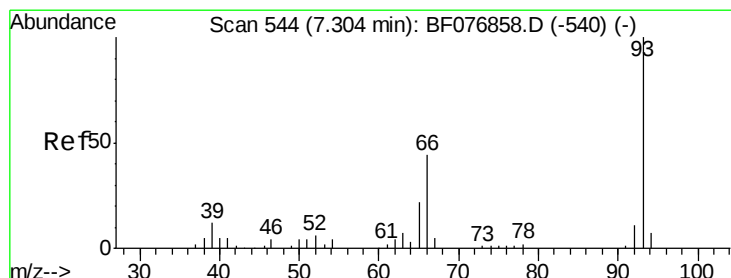
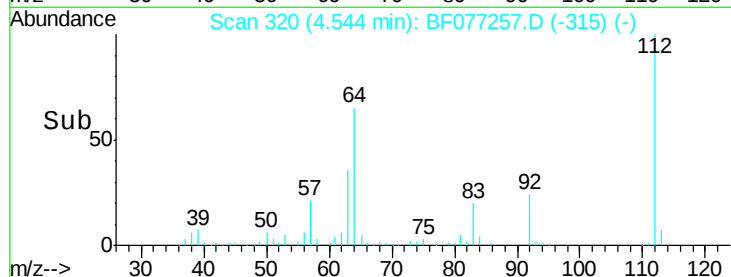
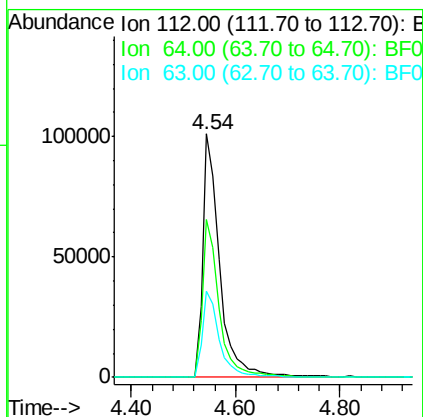
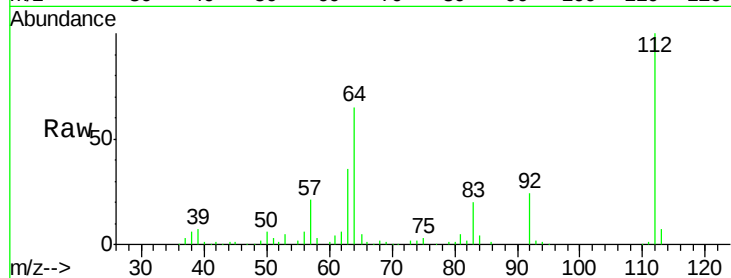
ClientSampleId :

PB81702BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 227903 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.6  | 54.2  | 81.4   |
| 63        | 35.6  | 28.4  | 42.6   |

Manual Integrations  
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2/12/2015 4:13:30 PM



#6

Aniline

Concen: 15.72 ng

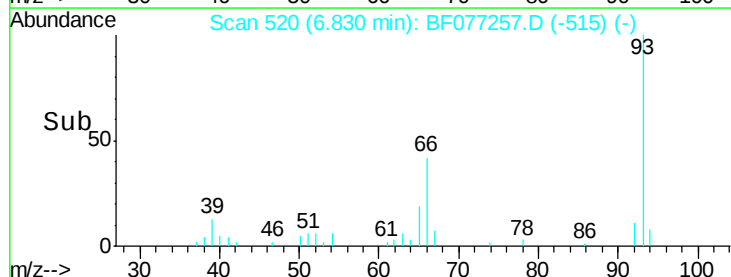
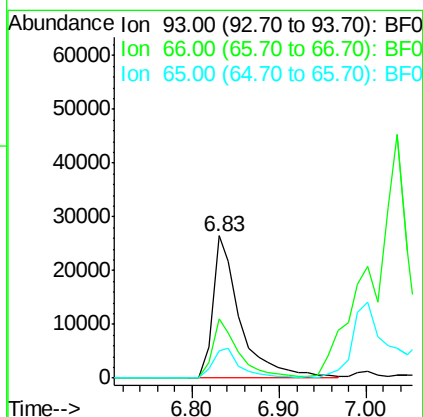
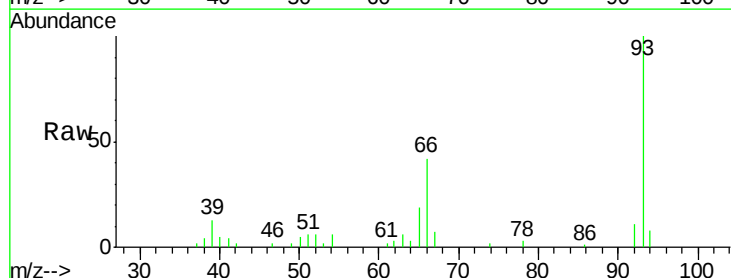
RT: 6.83 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 58301 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 42.1  | 35.0  | 52.4  |
| 65        | 19.1  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 106.30 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

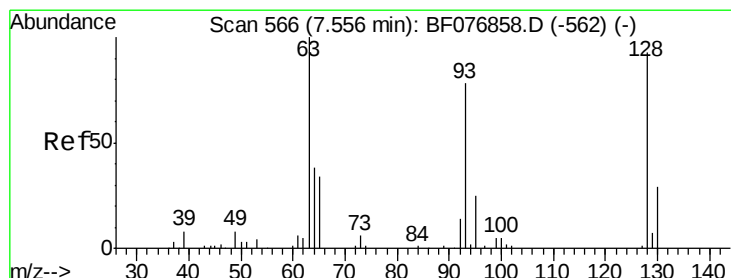
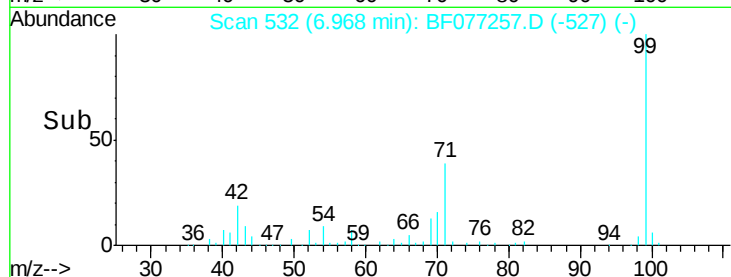
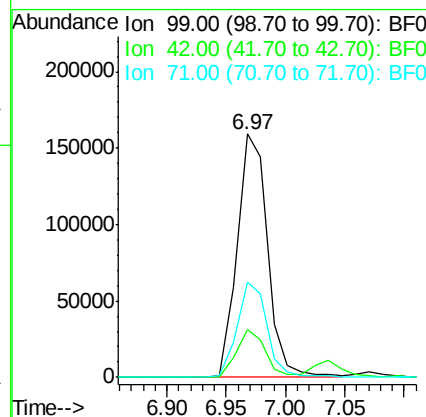
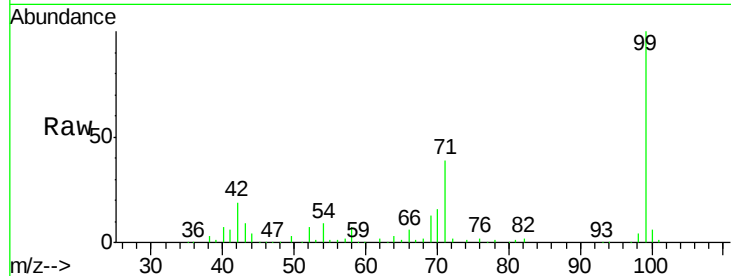
ClientSampleId :

PB81702BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 284889 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.4  | 15.0  | 22.4   |
| 71        | 39.1  | 30.5  | 45.7   |

Manual Integrations  
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2/12/2015 4:13:30 PM



#8

2-Chlorophenol

Concen: 32.99 ng

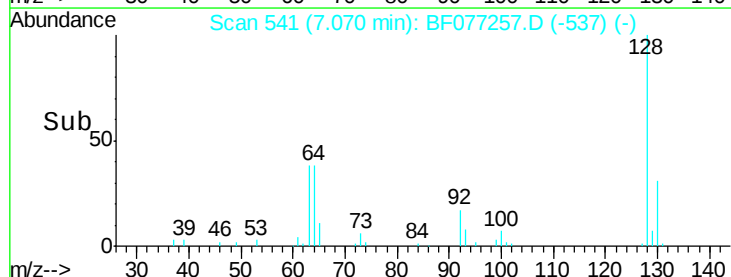
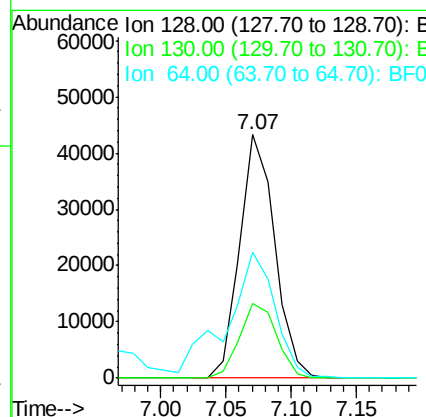
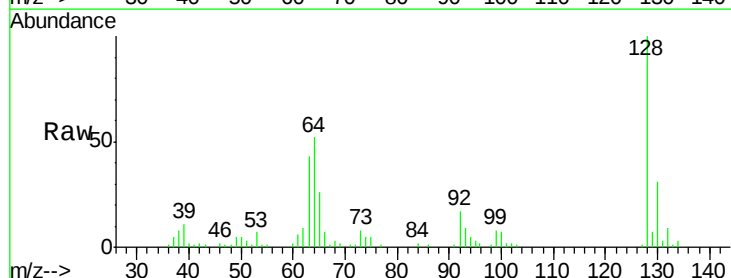
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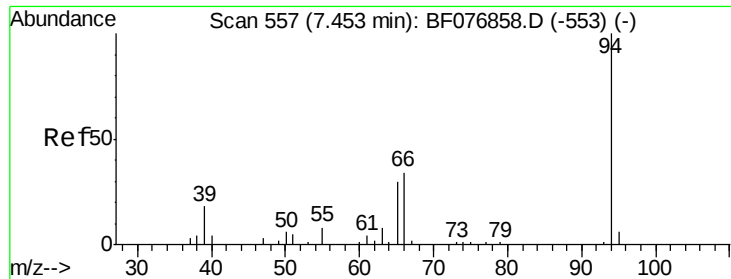
Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 80797 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 30.8  | 11.0  | 51.0  |
| 64        | 51.9  | 29.3  | 69.3  |





#10

Phenol

Concen: 29.15 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

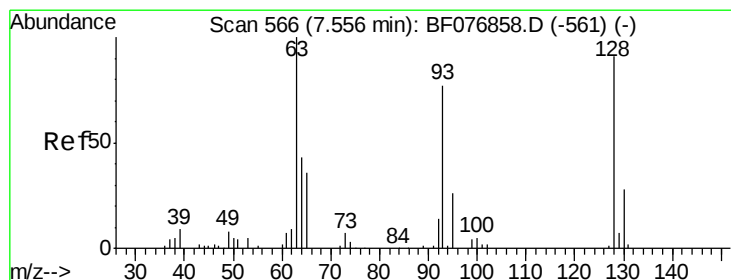
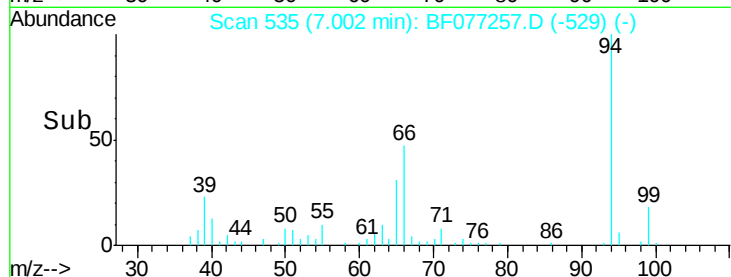
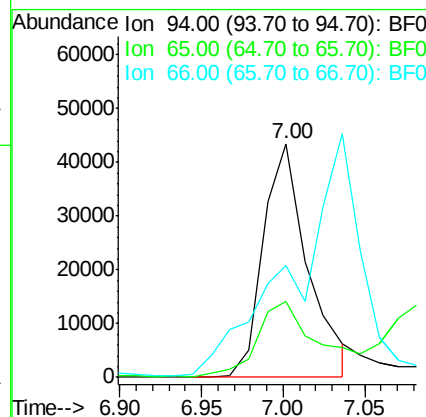
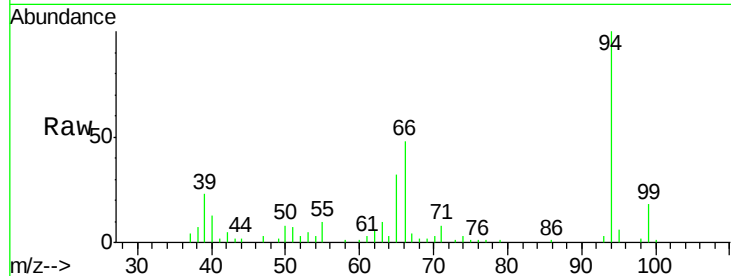
ClientSampleId :

PB81702BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 82943 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 32.3  | 11.3  | 51.3  |
| 66       | 48.0  | 19.5  | 59.5  |

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#11

bis(2-Chloroethyl)ether

Concen: 32.27 ng

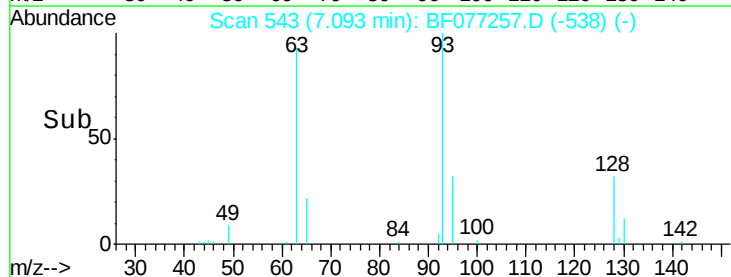
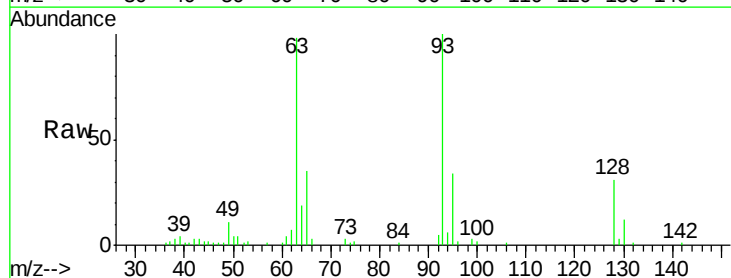
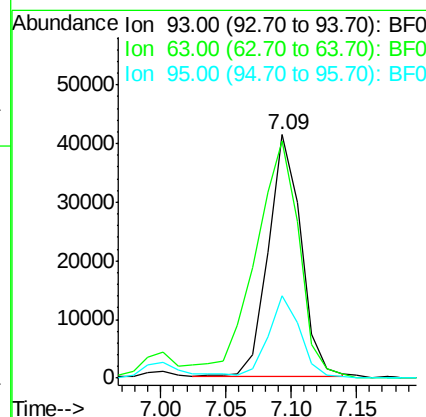
RT: 7.09 min Scan# 543

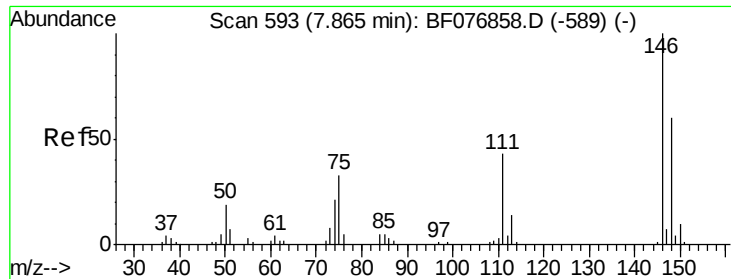
Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 71859  |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 97.7  | 111.3 | 151.3# |
| 95       | 33.8  | 13.8  | 53.8   |





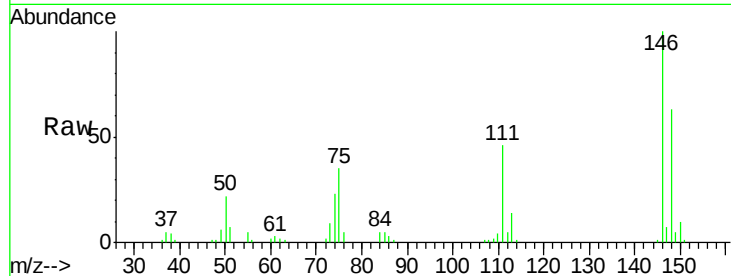
#12  
 1,3-Dichlorobenzene  
 Concen: 29.31 ng  
 RT: 7.38 min Scan# 568  
 Delta R.T. -0.06 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

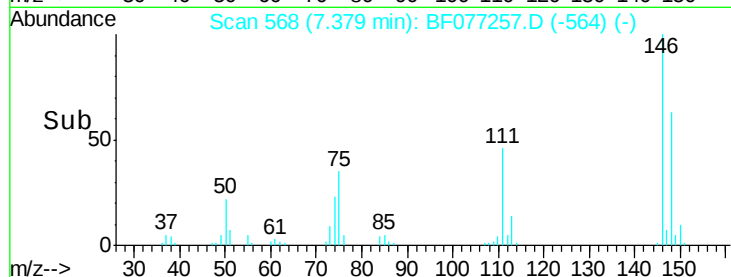
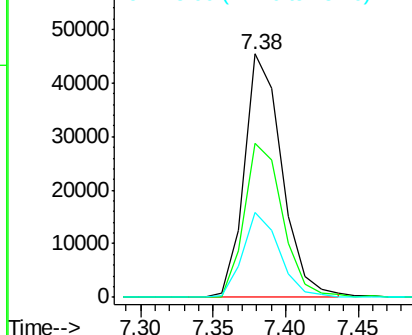
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 48.1  | 72.1  |
| 75      | 34.7  | 26.8  | 40.2  |

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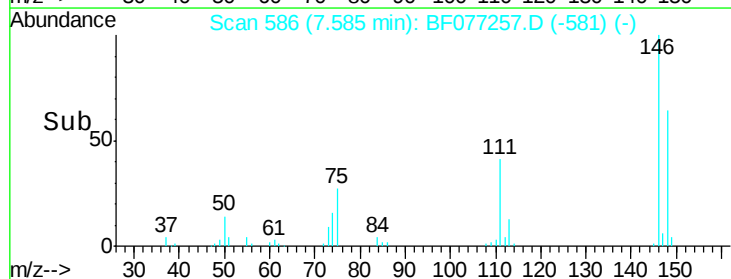
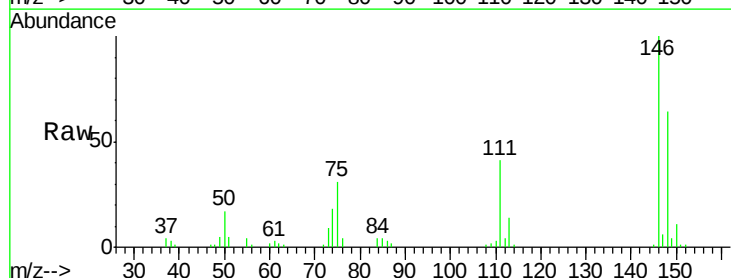
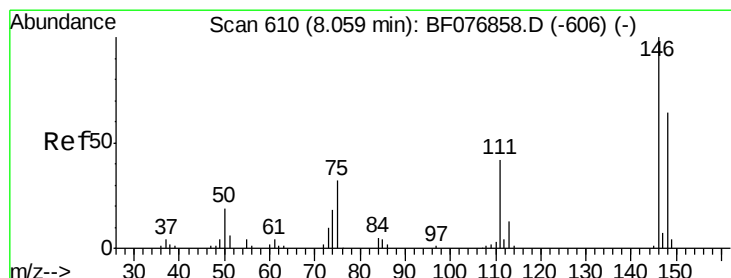
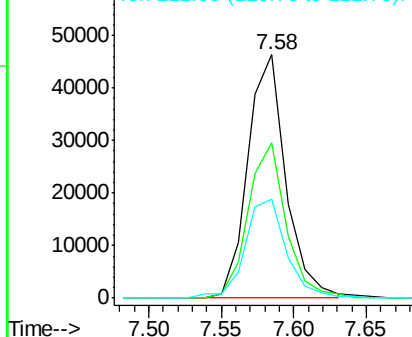
Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF0

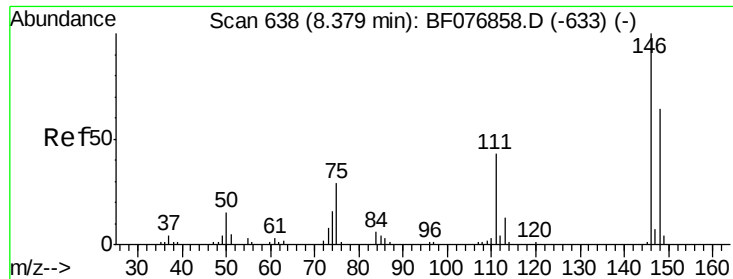


#13  
 1,4-Dichlorobenzene  
 Concen: 28.47 ng  
 RT: 7.58 min Scan# 586  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.5  | 77.3  |
| 111     | 40.5  | 33.9  | 50.9  |

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: 30.01 ng

RT: 7.89 min Scan# 613

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

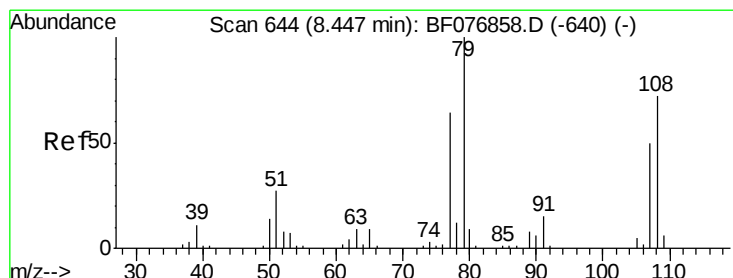
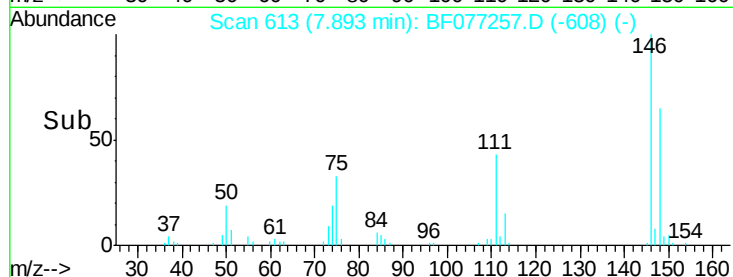
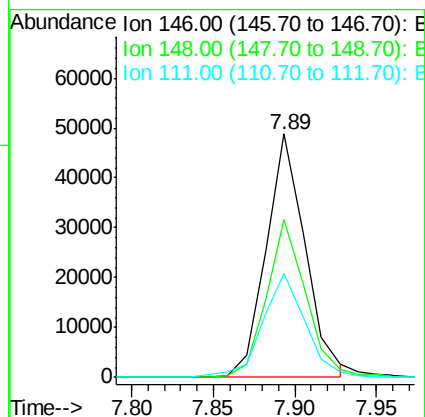
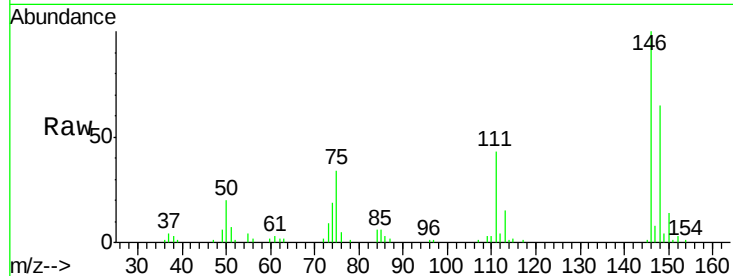
ClientSampleId :

PB81702BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 81700 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.7  | 51.3  | 76.9  |
| 111       | 42.7  | 34.5  | 51.7  |

Manual Integrations  
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#15

Benzyl Alcohol

Concen: 32.06 ng

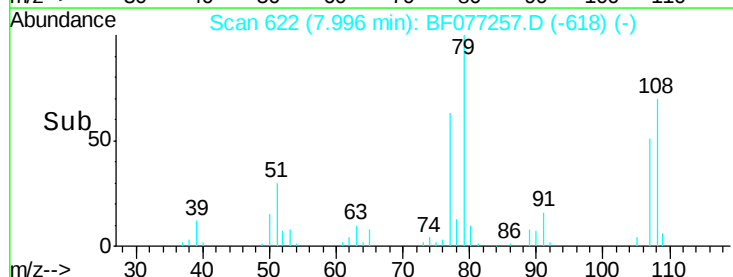
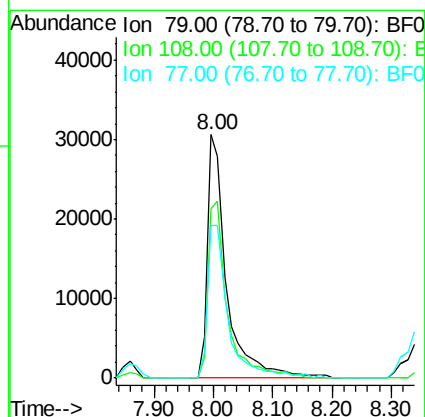
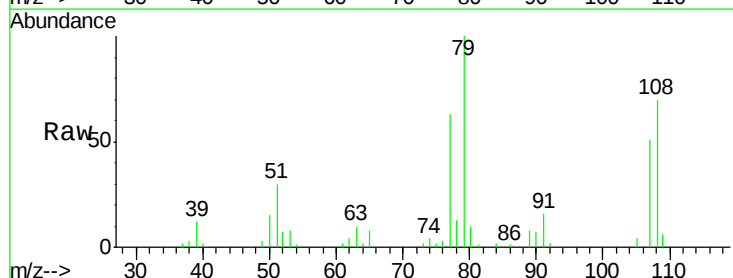
RT: 8.00 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 69530 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 69.6  | 57.2  | 85.8  |
| 77        | 62.9  | 51.2  | 76.8  |





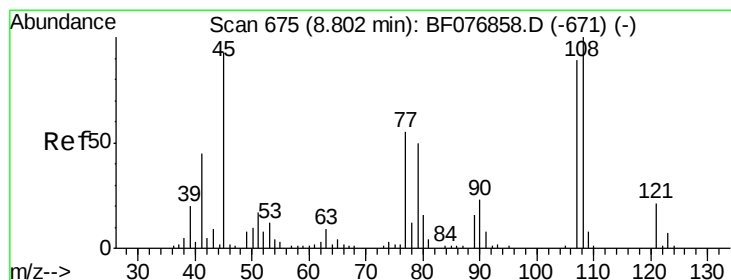
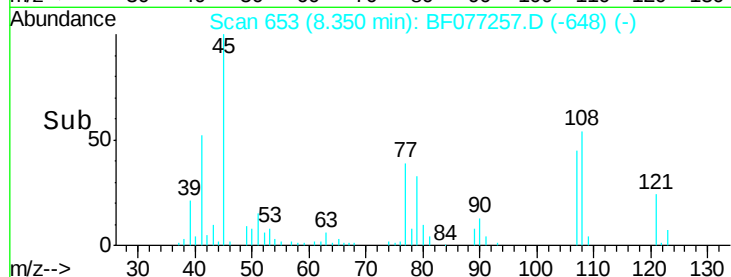
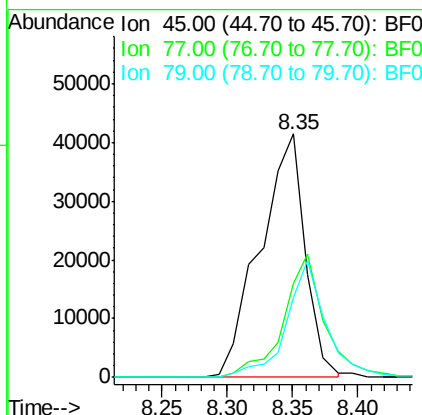
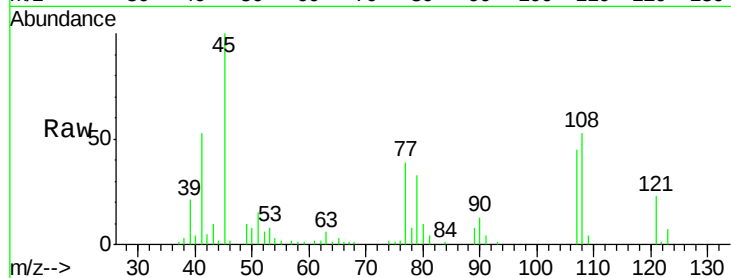
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.50 ng  
RT: 8.35 min Scan# 653  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampled :  
PB81702BS

Tgt Ion: 45 Resp: 100282  
Ion Ratio Lower Upper  
45 100  
77 38.6 36.1 76.1  
79 32.6 30.5 70.5

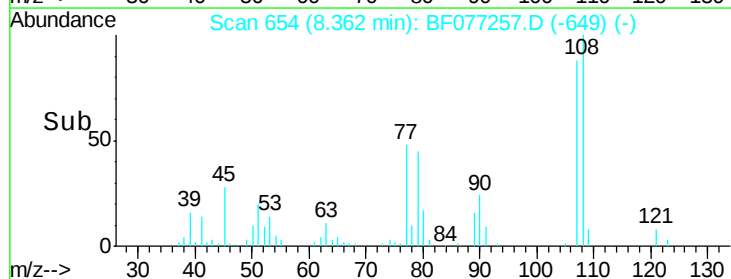
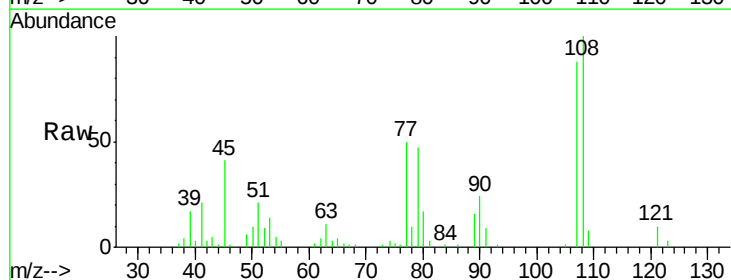
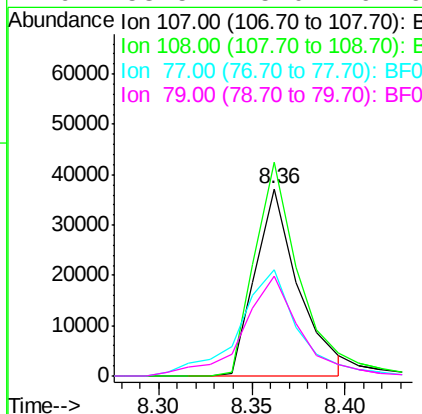
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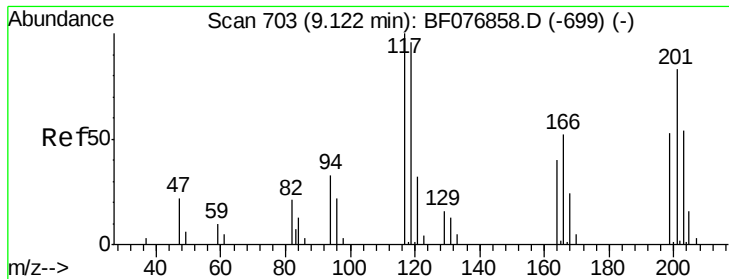
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#17  
2-Methylphenol  
Concen: 30.03 ng  
RT: 8.36 min Scan# 654  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Tgt Ion: 107 Resp: 60099  
Ion Ratio Lower Upper  
107 100  
108 114.2 89.7 134.5  
77 56.7 50.1 75.1  
79 53.5 45.0 67.6





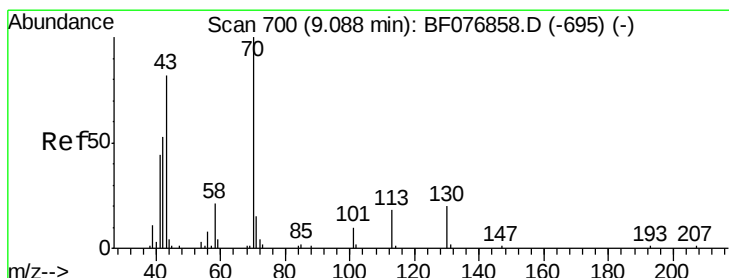
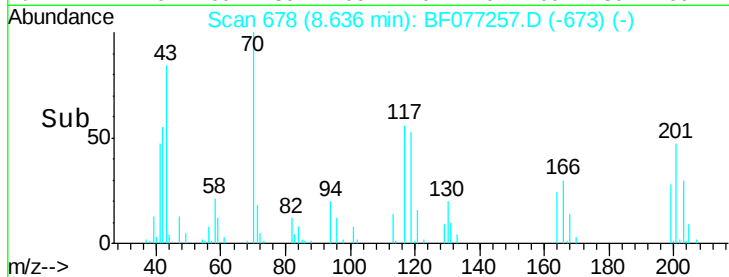
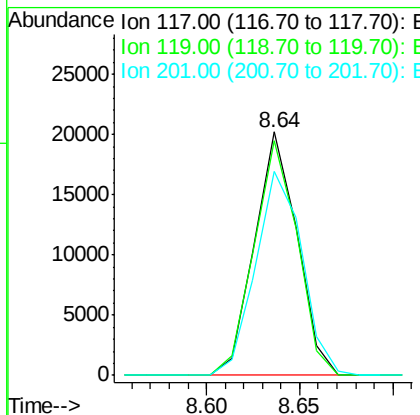
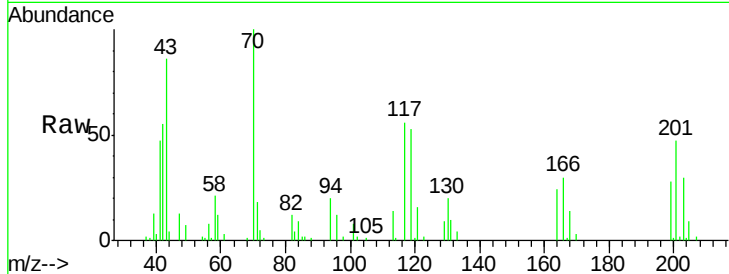
#18  
Hexachloroethane  
Concen: 31.15 ng  
RT: 8.64 min Scan# 678  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampled :  
PB81702BS

Tgt Ion: 117 Resp: 32016  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.1 115.7  
201 83.7 66.8 100.2

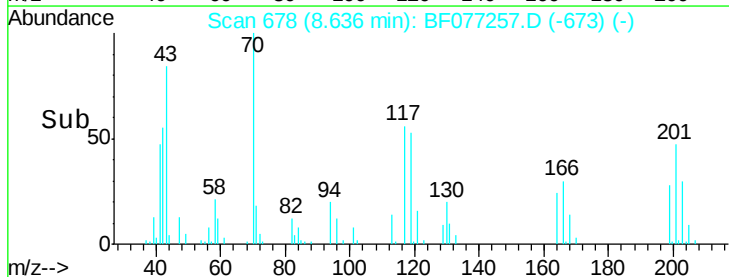
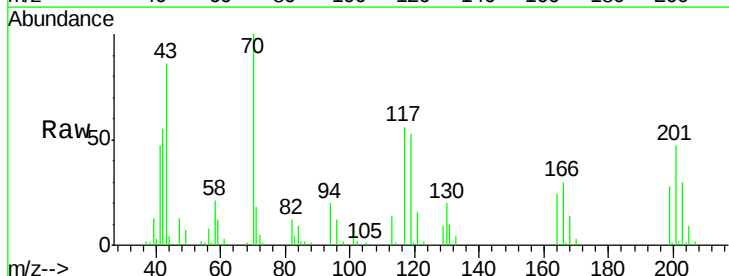
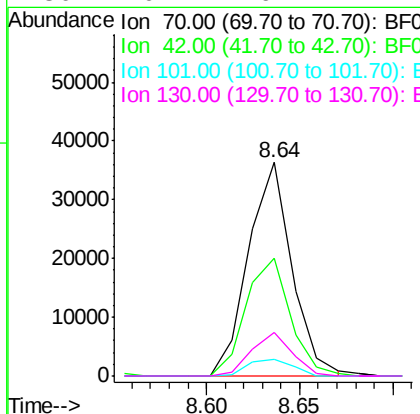
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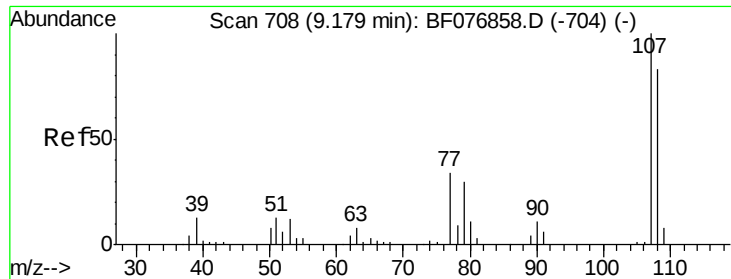
apatel  
2/12/2015 4:13:30 PM



#19  
n-Nitroso-di-n-propylamine  
Concen: 31.39 ng  
RT: 8.64 min Scan# 678  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

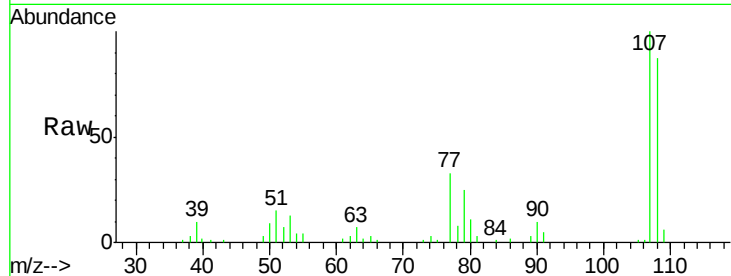
Tgt Ion: 70 Resp: 58885  
Ion Ratio Lower Upper  
70 100  
42 55.3 42.1 63.1  
101 8.0 7.8 11.8  
130 20.2 16.2 24.4





#20  
3+4-Methylphenols  
Concen: 30.77 ng m  
RT: 8.75 min Scan# 688  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

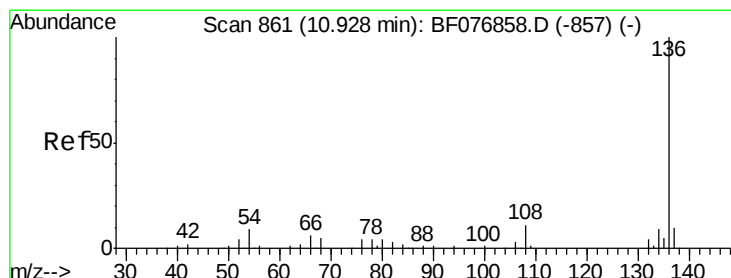
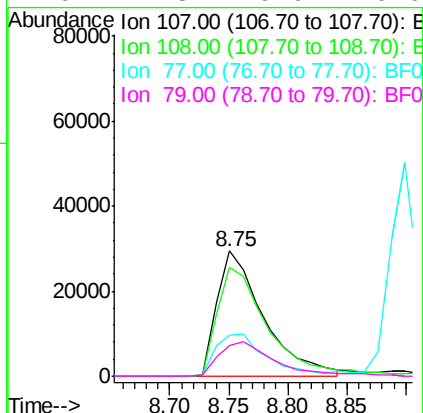
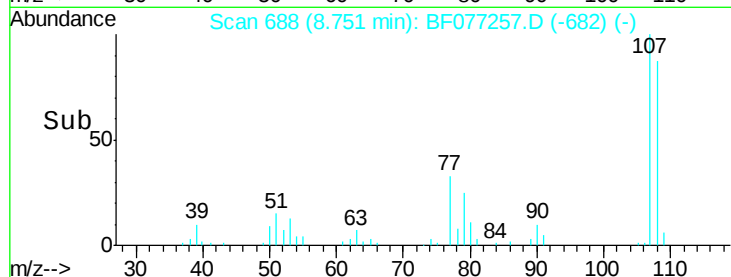
Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS



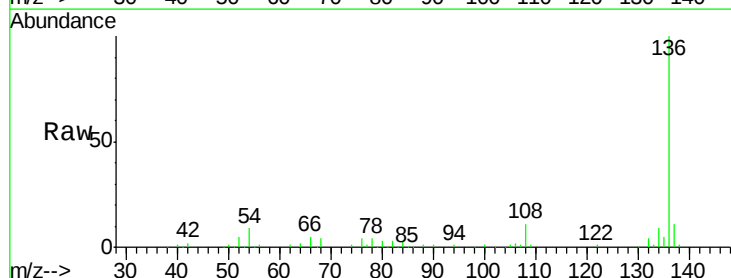
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 81552 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 87.3  | 63.5  | 103.5 |
| 77        | 33.2  | 14.0  | 54.0  |
| 79        | 24.8  | 9.9   | 49.9  |

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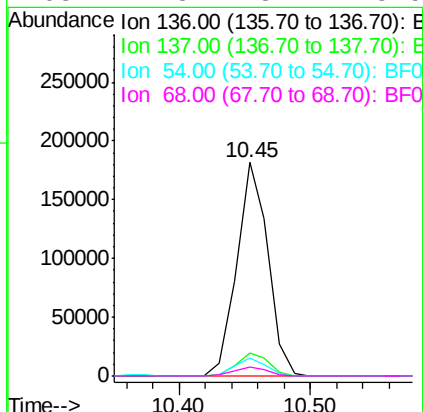
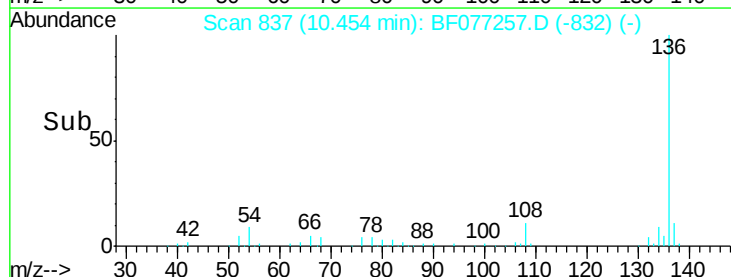
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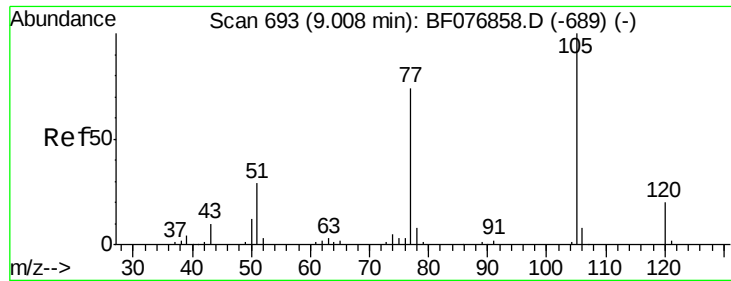


#21  
Naphthalene-d8  
Concen: 40.00 ng m  
RT: 10.45 min Scan# 837  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 299444 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.1   | 12.1   |
| 54        | 8.6   | 7.0   | 10.4   |
| 68        | 4.3   | 3.7   | 5.5    |





#22

Acetophenone

Concen: 31.86 ng

RT: 8.54 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF077257.D

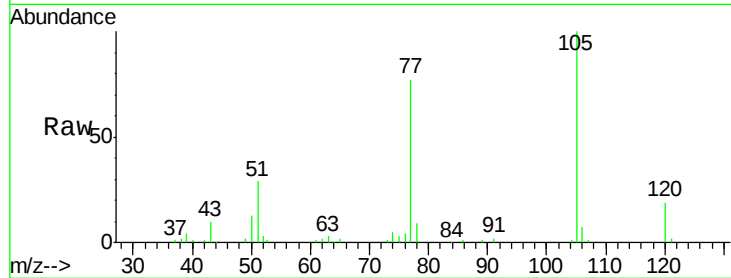
Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

ClientSampleId :

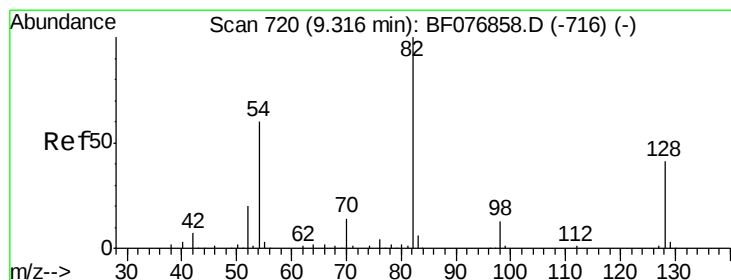
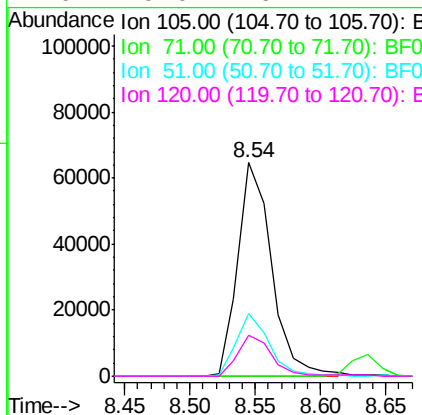
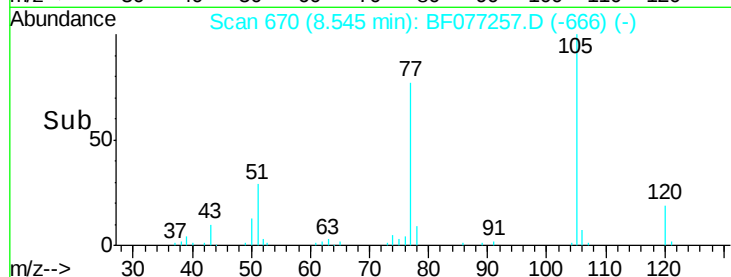
PB81702BS



| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 105     | 105 | 100   | 116825 |       |       |
| 71      | 71  | 0.0   | 0.0    | 0.0   | 0.0   |
| 51      | 51  | 29.2  | 23.3   | 34.9  |       |
| 120     | 120 | 19.0  | 16.1   | 24.1  |       |

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#23

Nitrobenzene-d5

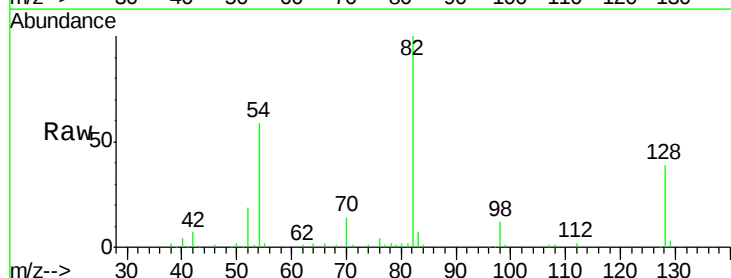
Concen: 66.18 ng

RT: 8.85 min Scan# 697

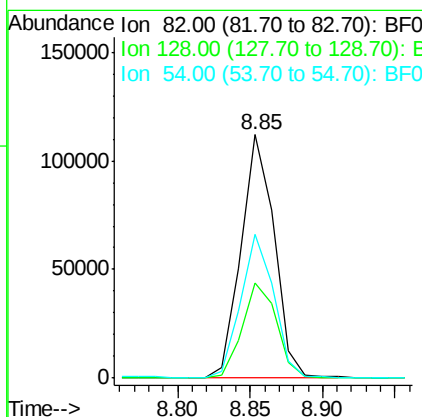
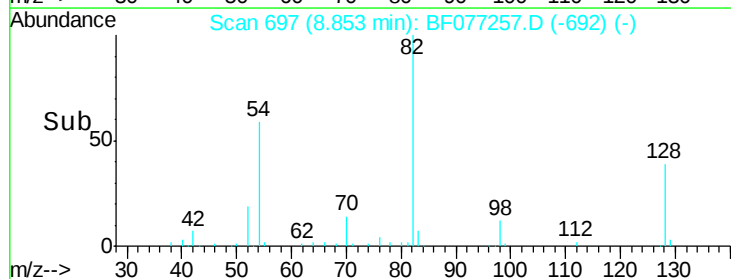
Delta R.T. -0.05 min

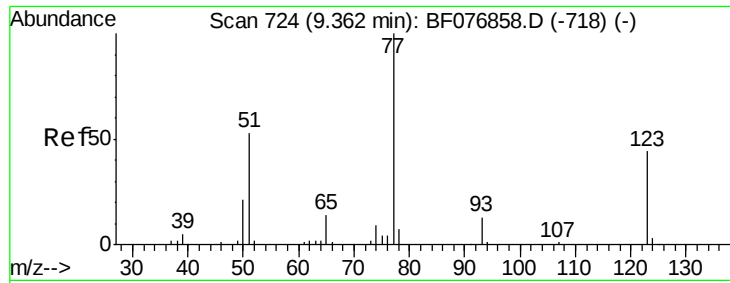
Lab File: BF077257.D

Acq: 11 Feb 2015 16:59



| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 82      | 82  | 100   | 178858 |       |       |
| 128     | 128 | 39.0  | 33.1   | 49.7  |       |
| 54      | 54  | 59.2  | 48.3   | 72.5  |       |





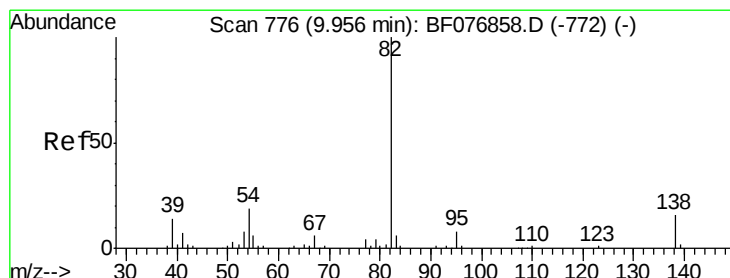
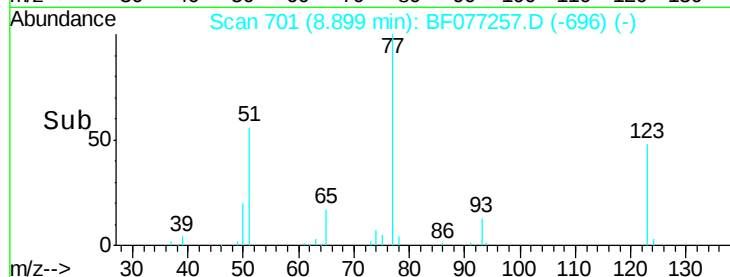
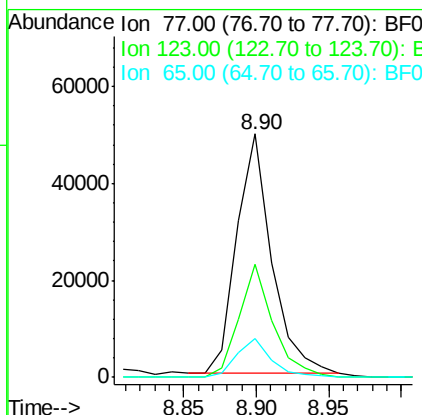
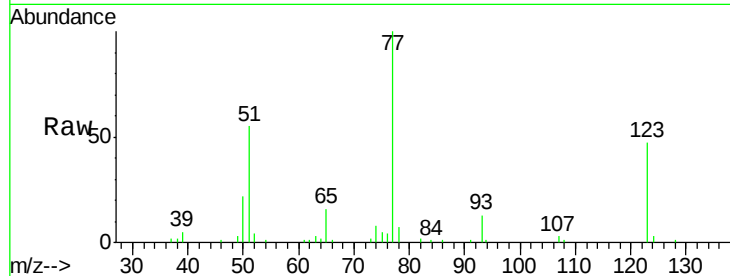
#24  
 Nitrobenzene  
 Concen: 30.12 ng  
 RT: 8.90 min Scan# 701  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.6  | 35.2  | 52.8  |
| 65      | 16.2  | 11.4  | 17.2  |

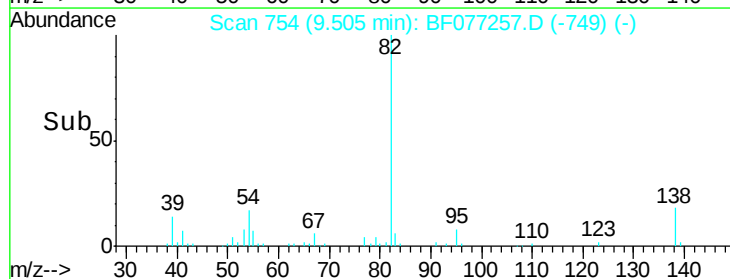
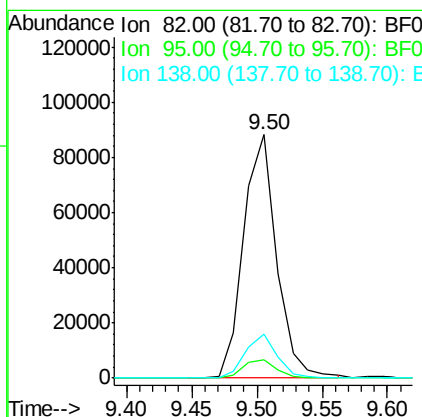
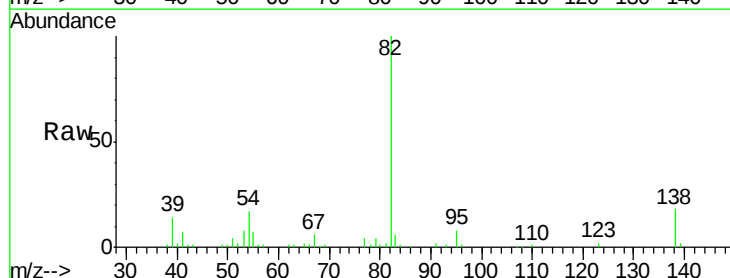
Manual Integrations  
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#25  
 Isophorone  
 Concen: 31.57 ng  
 RT: 9.50 min Scan# 754  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.6   | 6.6   | 10.0  |
| 138     | 18.2  | 12.6  | 18.8  |





#26

2-Nitrophenol

Concen: 31.59 ng

RT: 9.64 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

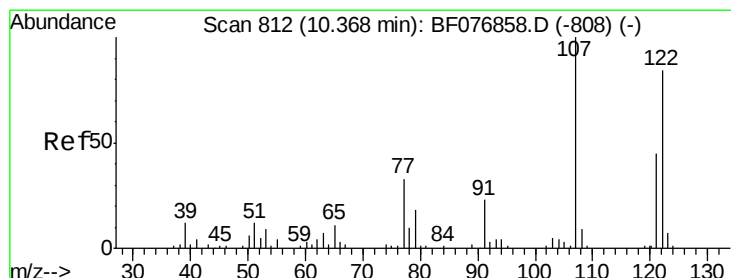
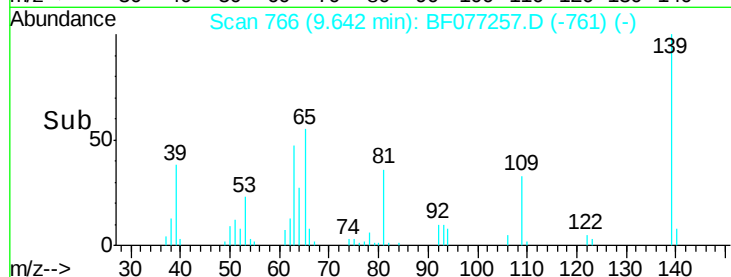
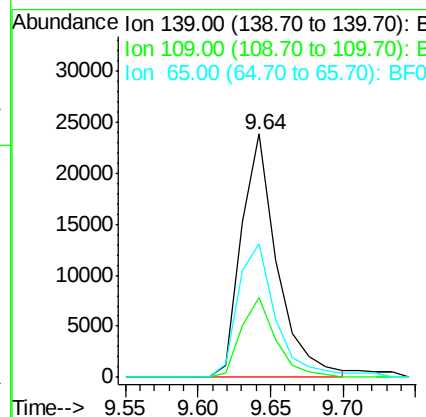
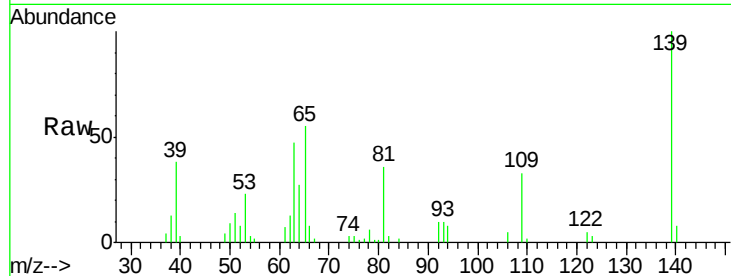
ClientSampleId :

PB81702BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 41062 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 32.8  | 21.3  | 31.9# |
| 65        | 54.7  | 39.4  | 59.0  |

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#27

2,4-Dimethylphenol

Concen: 34.29 ng

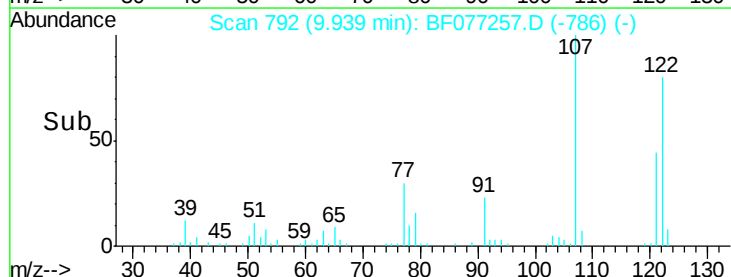
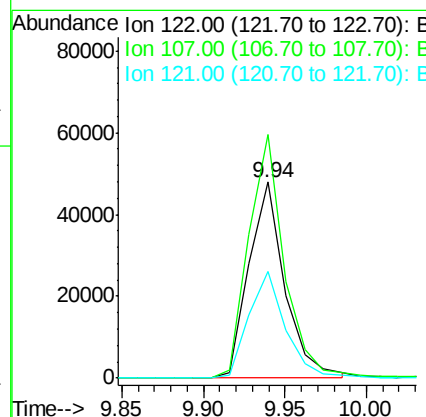
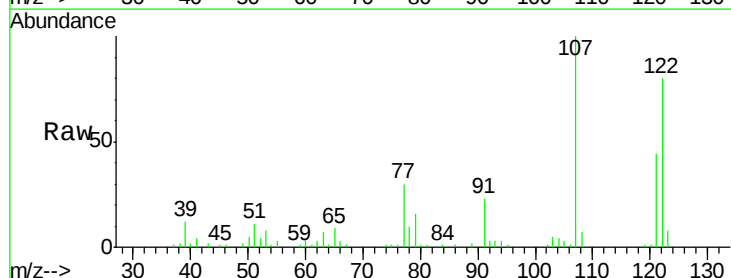
RT: 9.94 min Scan# 792

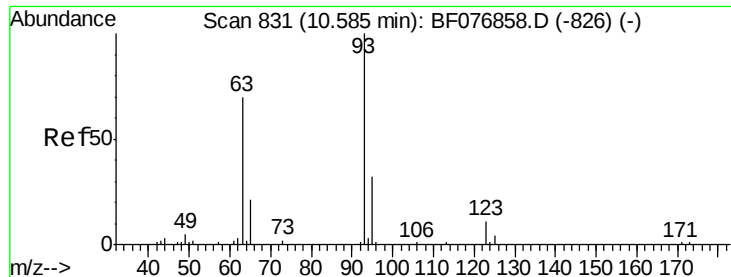
Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 73004 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 124.4 | 95.2  | 142.8 |
| 121       | 54.4  | 42.9  | 64.3  |





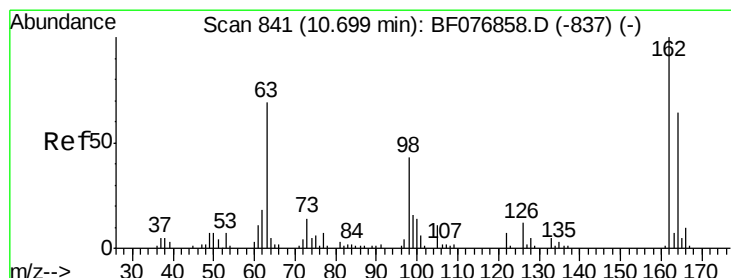
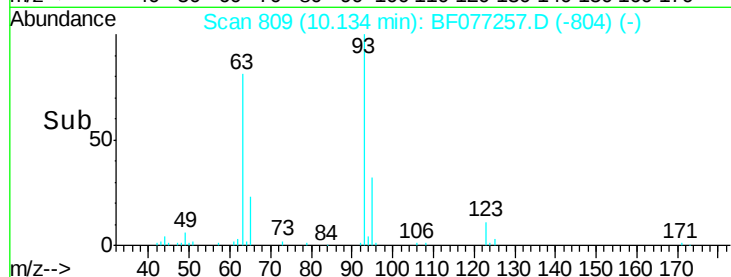
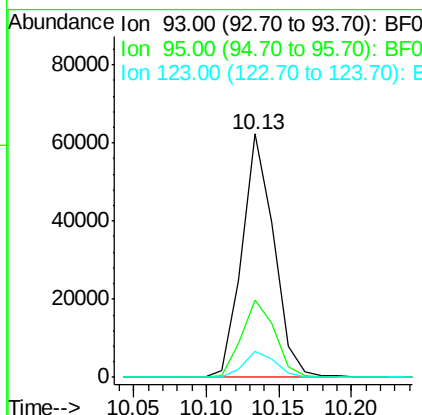
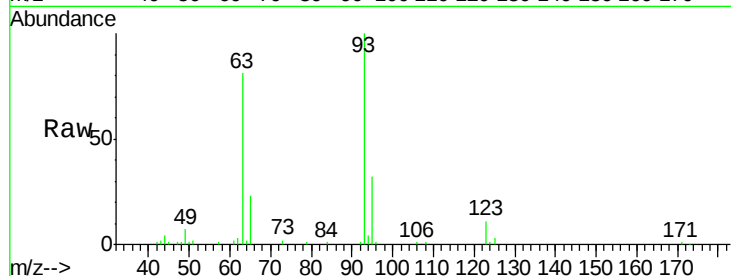
#28  
bis(2-Chloroethoxy)methane  
Concen: 34.11 ng  
RT: 10.13 min Scan# 809  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.6  | 25.6  | 38.4  |
| 123     | 10.5  | 8.9   | 13.3  |

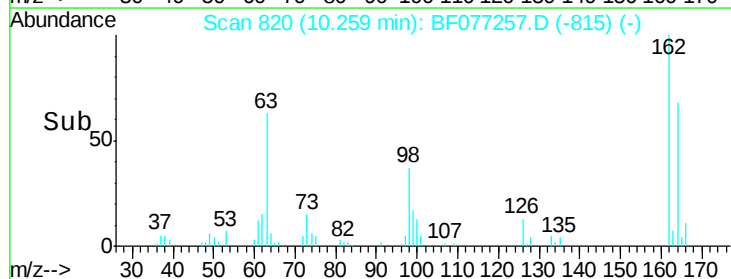
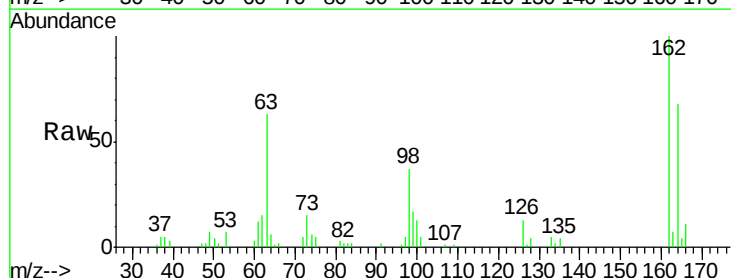
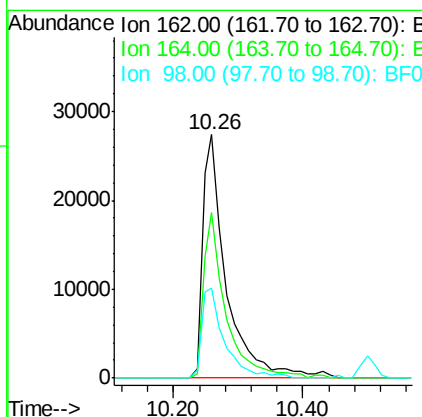
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#29  
2,4-Dichlorophenol  
Concen: 35.17 ng m  
RT: 10.26 min Scan# 820  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.8  | 43.8  | 83.8  |
| 98      | 37.0  | 22.5  | 62.5  |





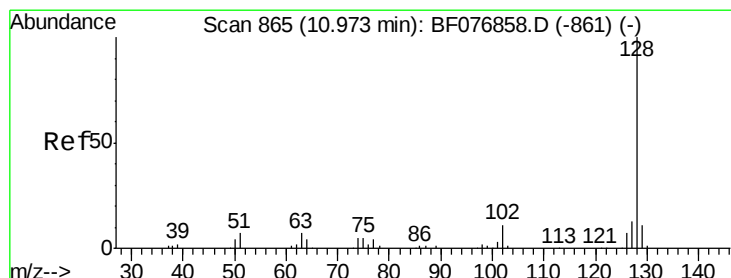
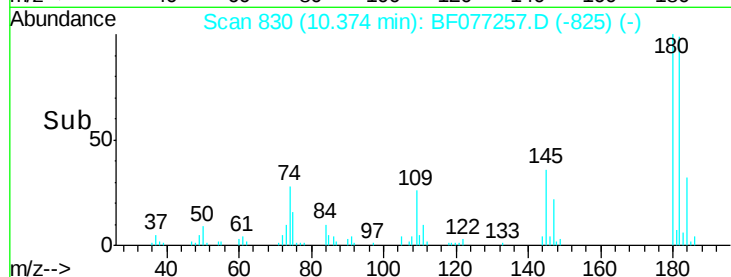
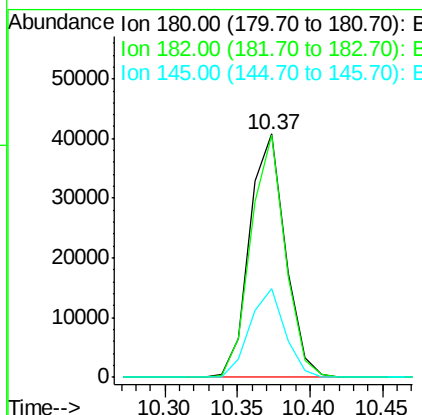
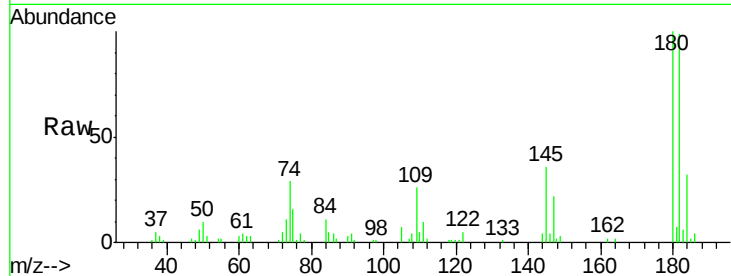
#30  
 1,2,4-Trichlorobenzene  
 Concen: 31.66 ng  
 RT: 10.37 min Scan# 830  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB81702BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 69784 |       |       |
| 182     | 99.4  | 73.6  | 110.4 |       |
| 145     | 36.5  | 26.6  | 39.8  |       |

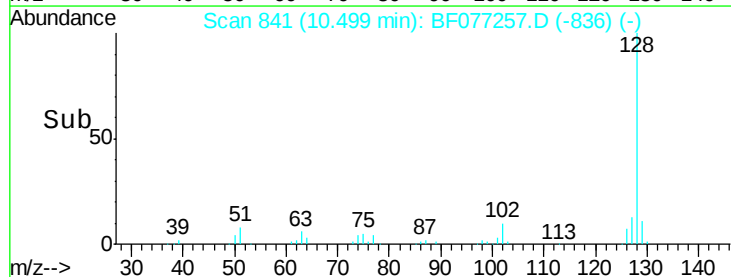
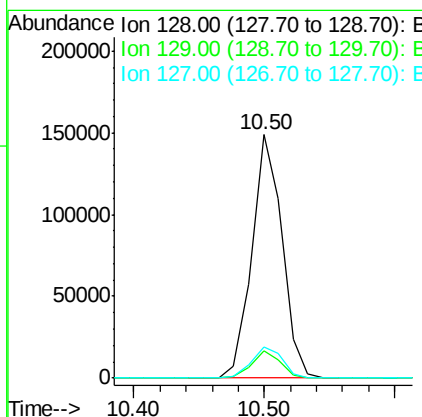
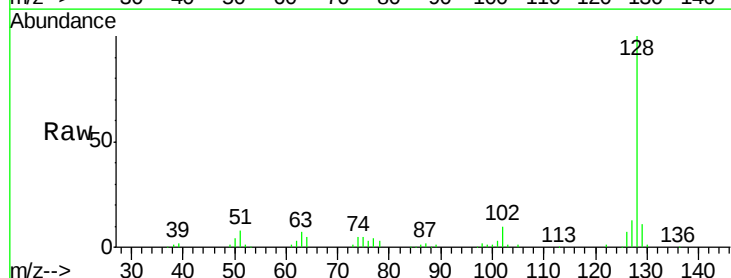
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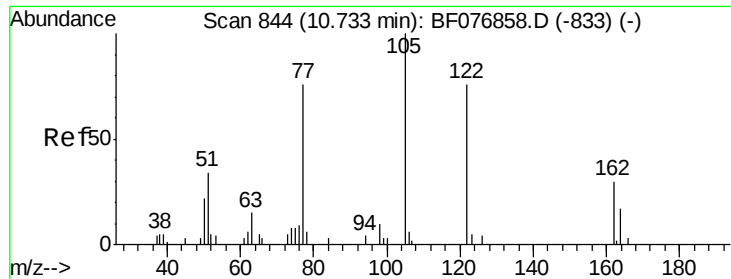
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#31  
 Naphthalene  
 Concen: 31.20 ng  
 RT: 10.50 min Scan# 841  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 240464 |       |       |
| 129     | 11.0  | 9.0    | 13.6  |       |
| 127     | 13.0  | 10.2   | 15.2  |       |





#32

Benzoic acid

Concen: 16.04 ng m

RT: 10.35 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF077257.D

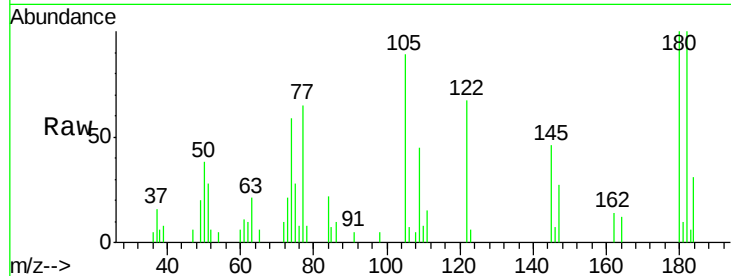
Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

ClientSampleId :

PB81702BS



Tgt Ion:122 Resp: 18918

Ion Ratio Lower Upper

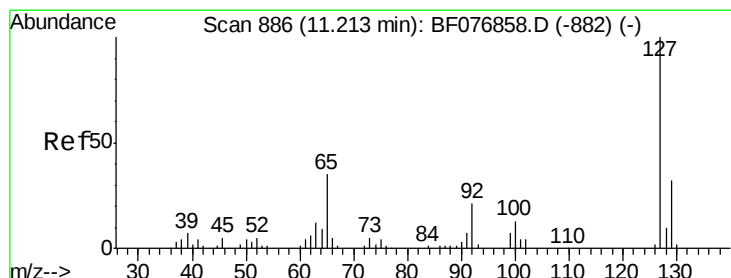
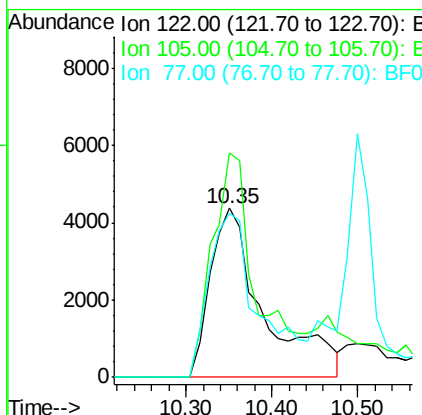
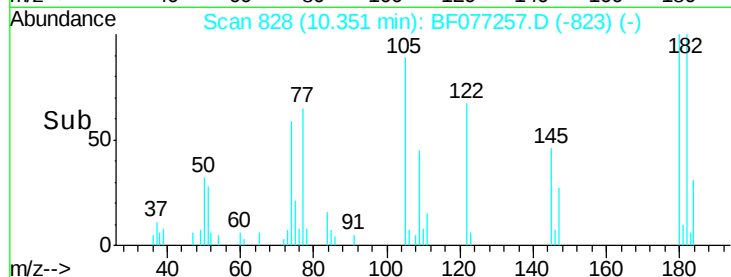
122 100

105 132.8 111.3 151.3

77 97.0 79.2 119.2

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#33

4-Chloroaniline

Concen: 16.66 ng m

RT: 10.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Tgt Ion:127 Resp: 51880

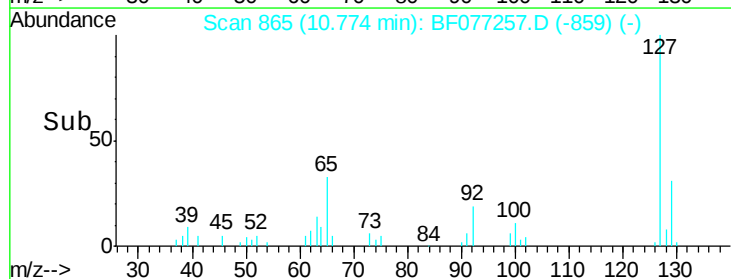
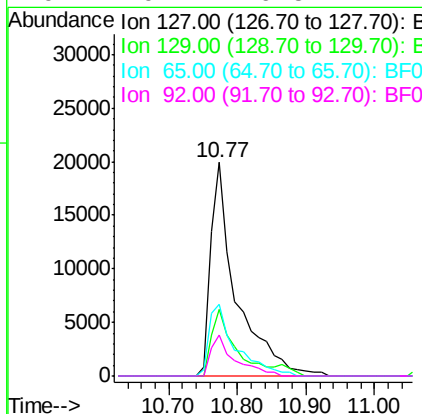
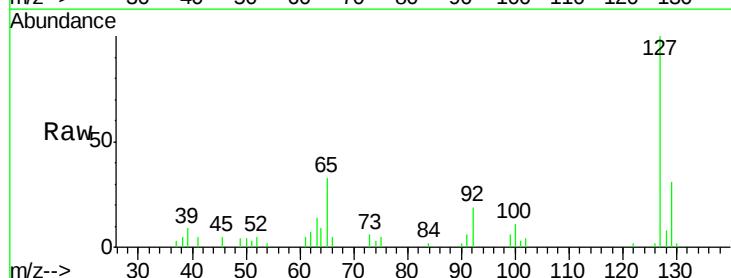
Ion Ratio Lower Upper

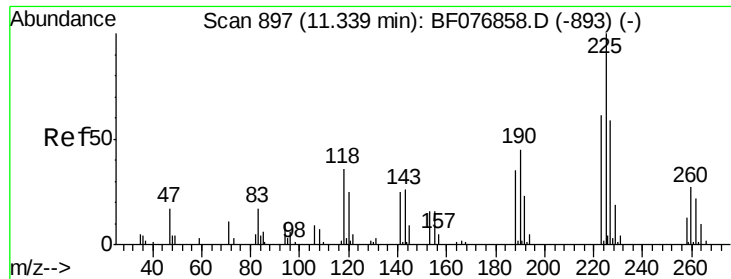
127 100

129 31.3 25.3 37.9

65 33.3 27.8 41.6

92 19.1 16.5 24.7





#34

Hexachlorobutadiene

Concen: 31.34 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF077257.D

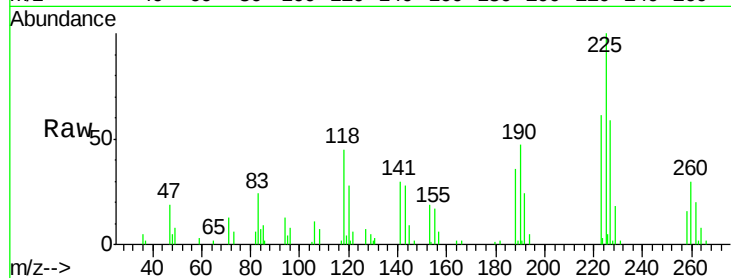
Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

ClientSampleId :

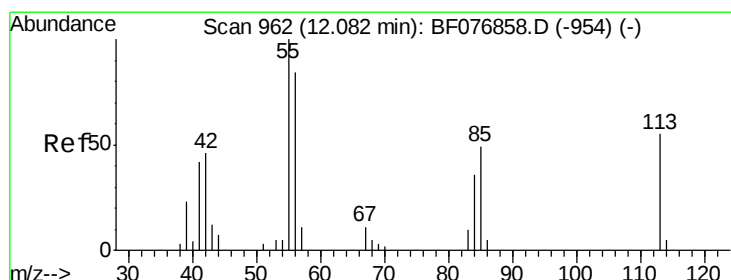
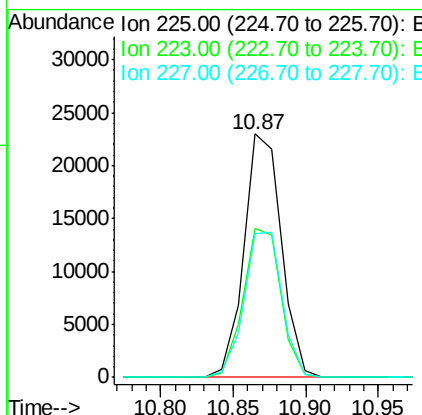
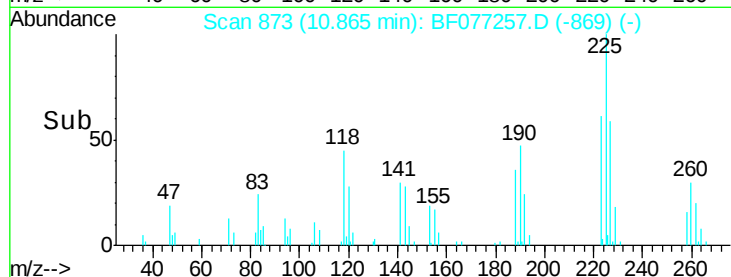
PB81702BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 40979 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.3  | 49.1  | 73.7  |
| 227       | 59.0  | 47.5  | 71.3  |

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#35

Caprolactam

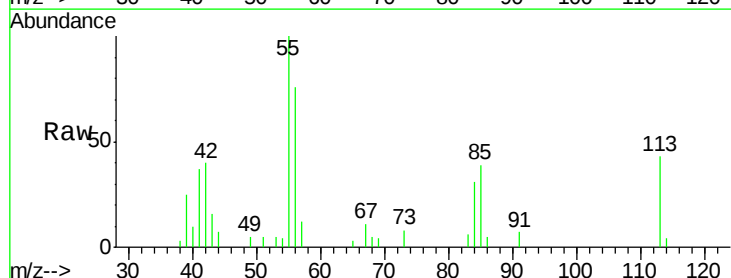
Concen: 32.73 ng m

RT: 11.62 min Scan# 939

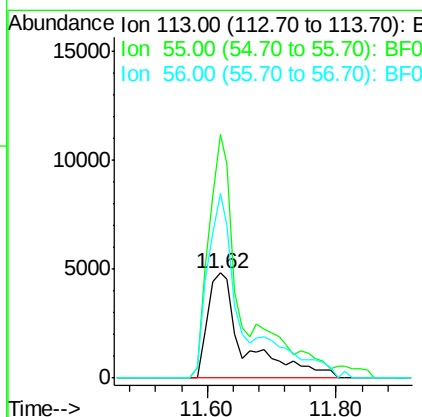
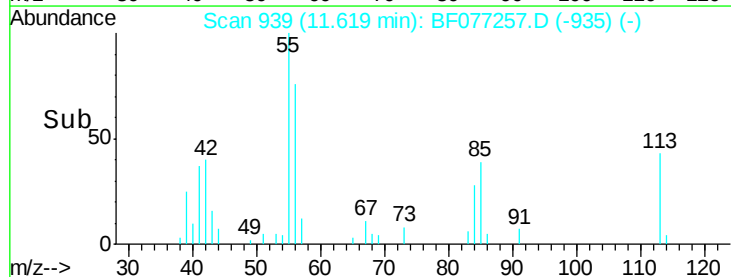
Delta R.T. -0.06 min

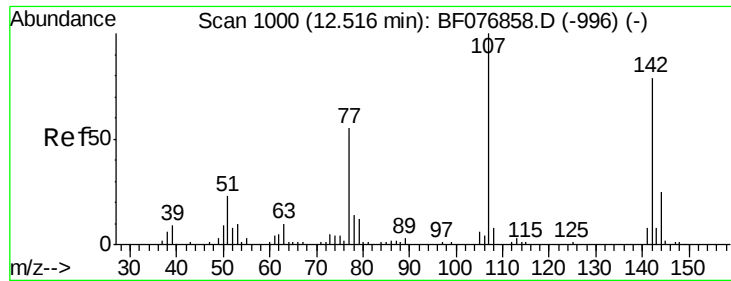
Lab File: BF077257.D

Acq: 11 Feb 2015 16:59



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 19117  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 232.0 | 162.1 | 202.1# |
| 56        | 175.6 | 133.7 | 173.7# |





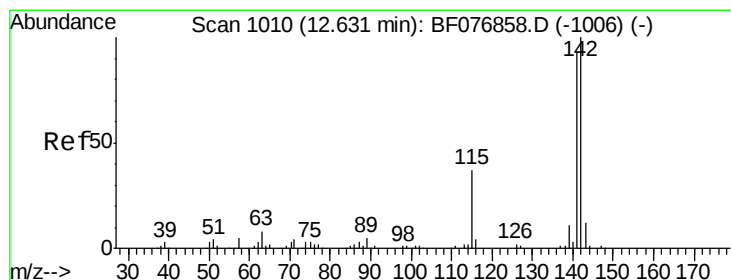
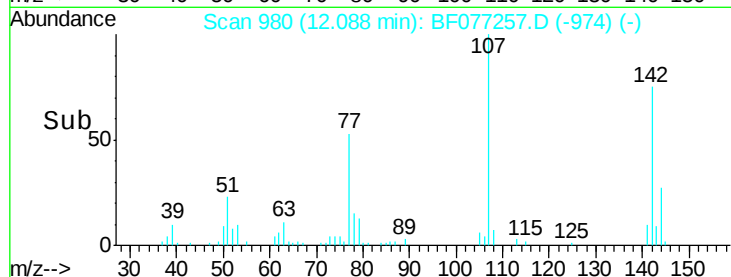
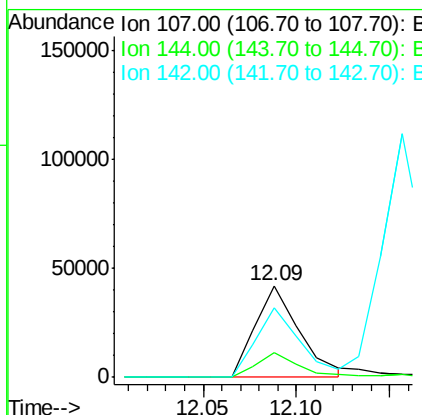
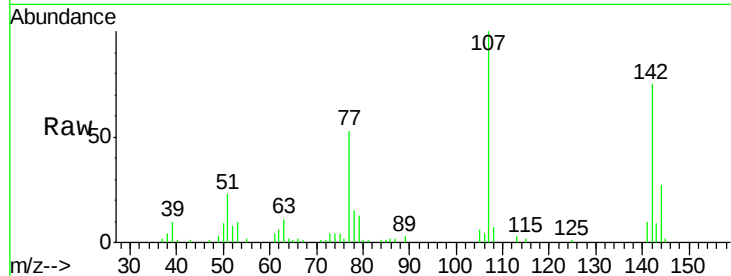
#36  
 4-Chloro-3-methylphenol  
 Concen: 30.55 ng  
 RT: 12.09 min Scan# 980  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.0  | 20.0  | 30.0  |
| 142     | 75.3  | 63.5  | 95.3  |

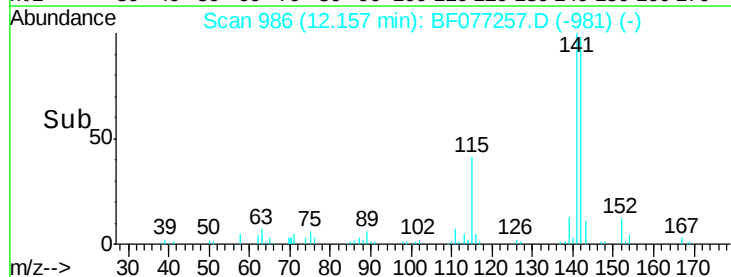
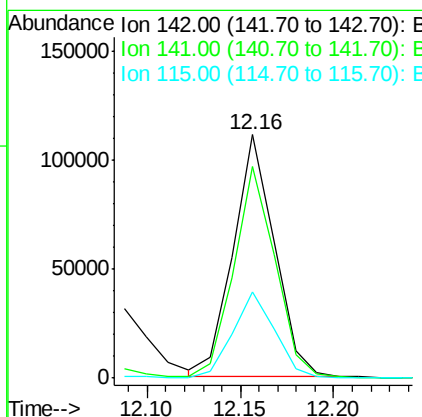
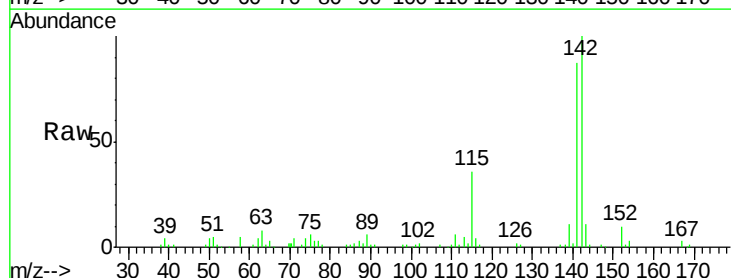
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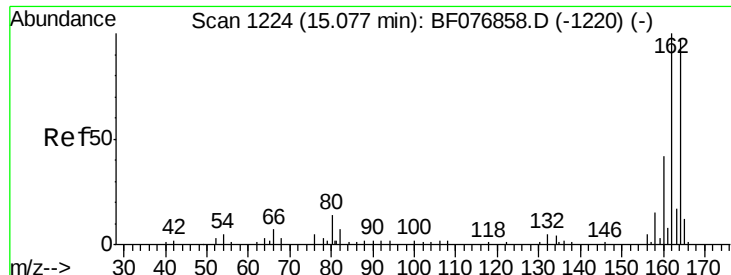
apatel  
 2/12/2015 4:13:30 PM



#37  
 2-Methylnaphthalene  
 Concen: 32.46 ng  
 RT: 12.16 min Scan# 986  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.0  | 74.5  | 111.7 |
| 115     | 35.6  | 29.7  | 44.5  |





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 14.58 min Scan# 1198

Delta R.T. -0.05 min

Lab File: BF077257.D

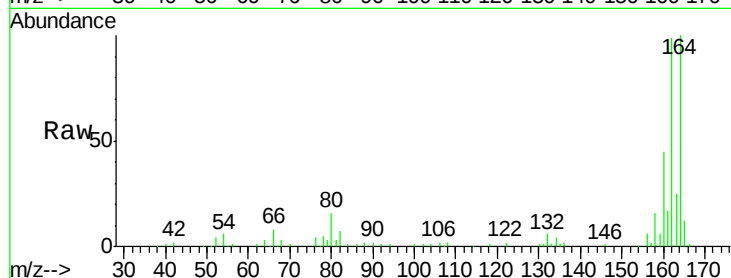
Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

ClientSampleId :

PB81702BS



Tgt Ion:164 Resp: 146689

Ion Ratio Lower Upper

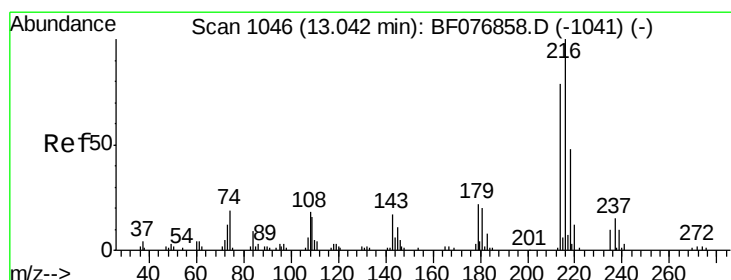
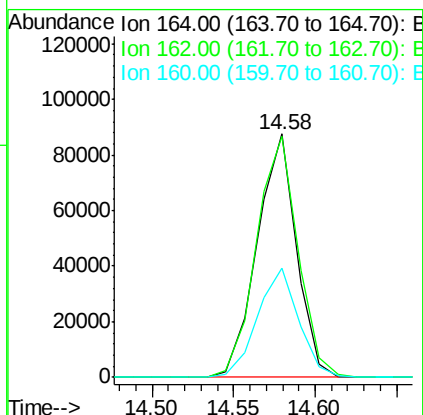
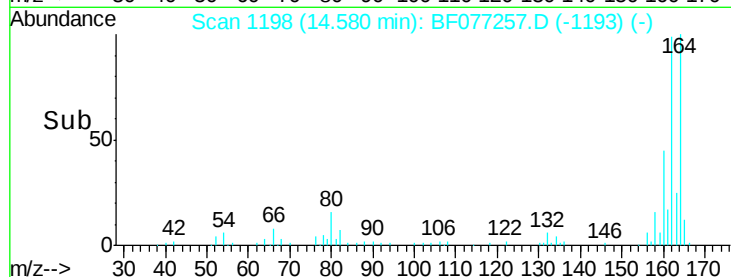
164 100

162 99.3 82.4 123.6

160 45.0 34.8 52.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.90 ng

RT: 12.56 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Tgt Ion:216 Resp: 68720

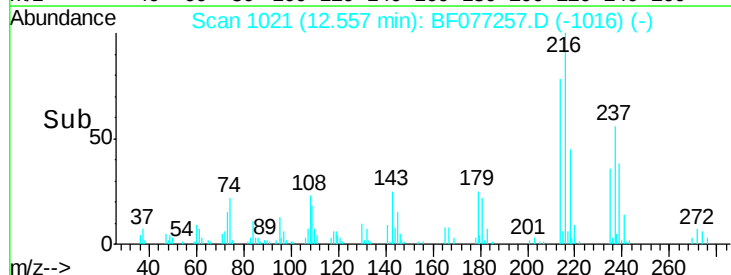
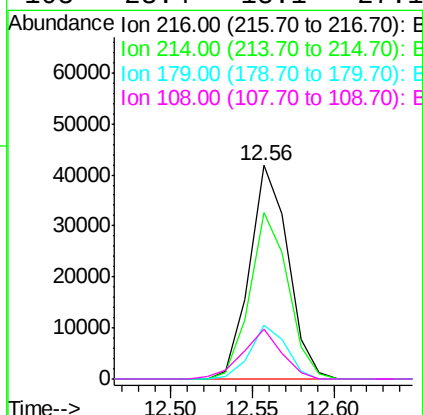
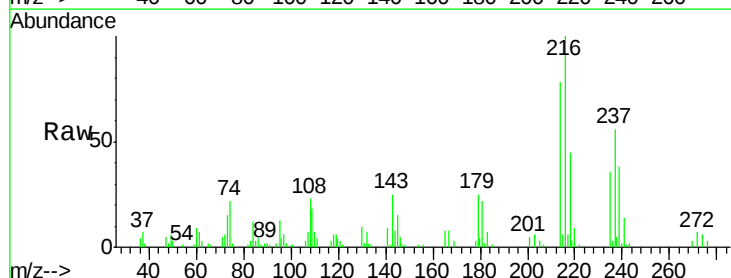
Ion Ratio Lower Upper

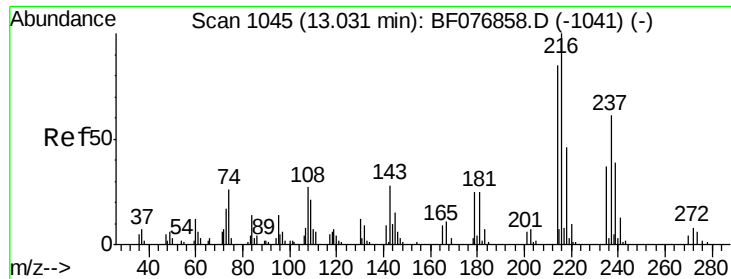
216 100

214 77.4 64.9 97.3

179 23.8 18.6 28.0

108 23.4 18.1 27.1





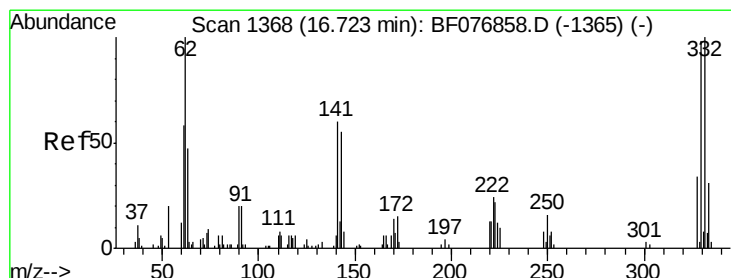
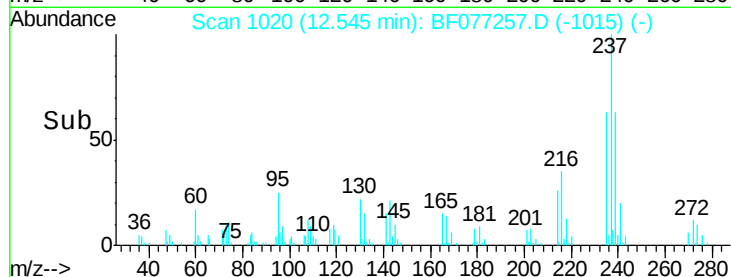
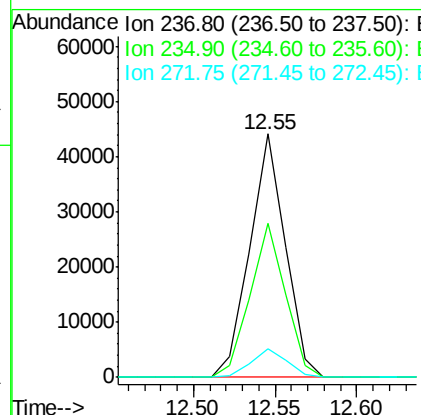
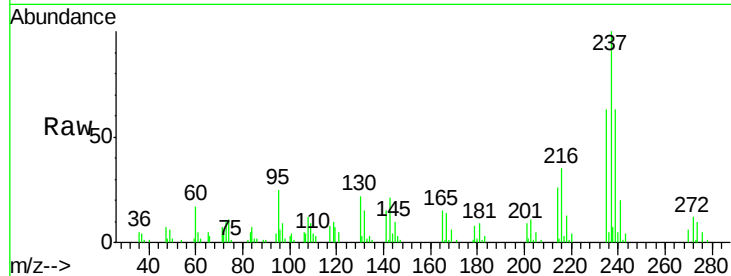
#40  
 Hexachlorocyclopentadiene  
 Concen: 73.48 ng  
 RT: 12.55 min Scan# 1020  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 66599 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.3  | 40.4  | 80.4  |
| 272       | 11.8  | 0.0   | 33.2  |

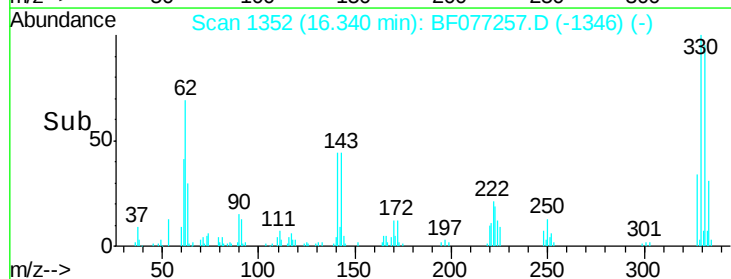
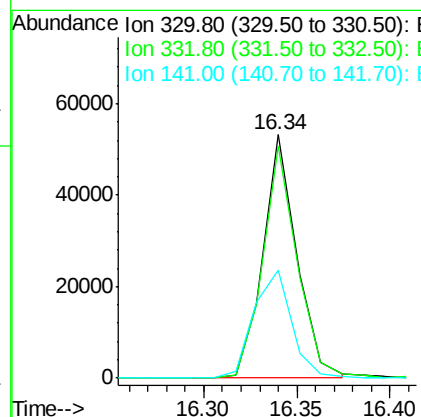
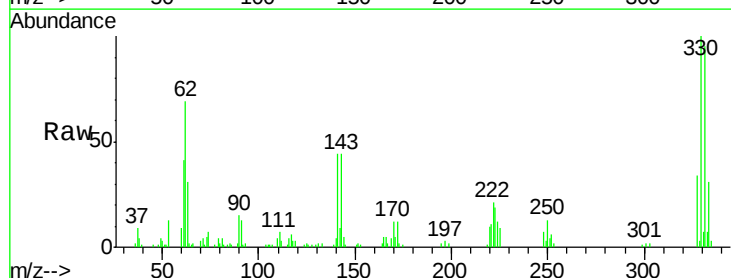
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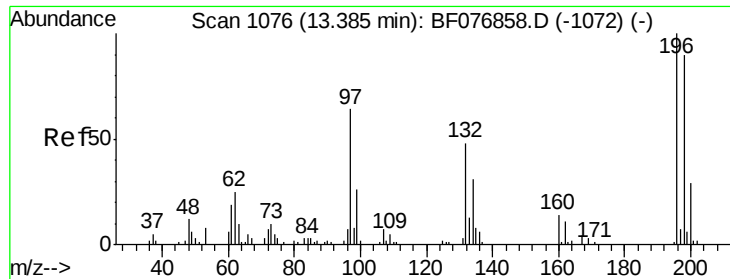
apatel  
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#41  
 2,4,6-Tribromophenol  
 Concen: 111.57 ng  
 RT: 16.34 min Scan# 1352  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 66424 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 96.5  | 77.8  | 116.6 |
| 141       | 50.0  | 38.5  | 57.7  |





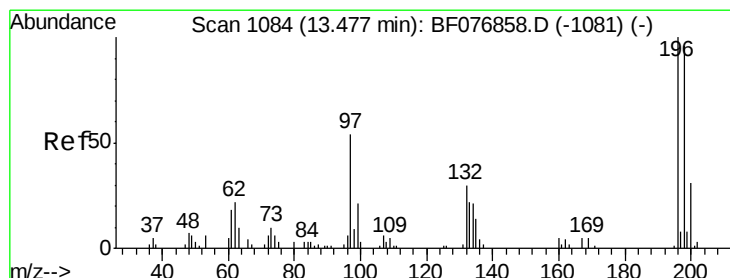
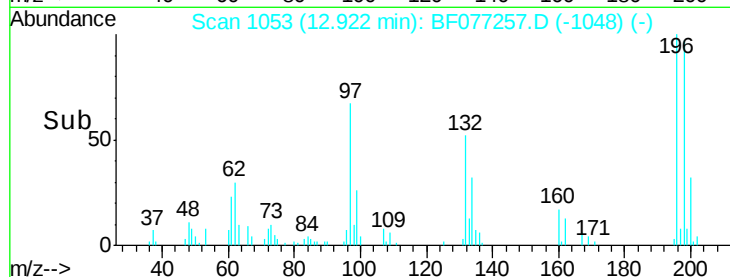
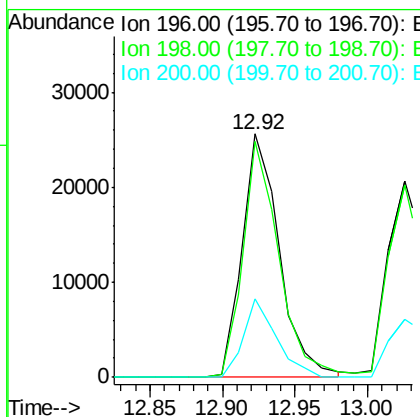
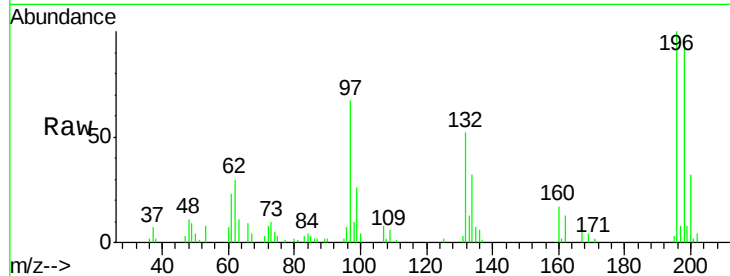
#42  
2,4,6-Trichlorophenol  
Concen: 34.46 ng  
RT: 12.92 min Scan# 1053  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 45527 |       |       |
| 198     | 96.7  | 72.0  | 108.0 |       |
| 200     | 32.2  | 23.4  | 35.2  |       |

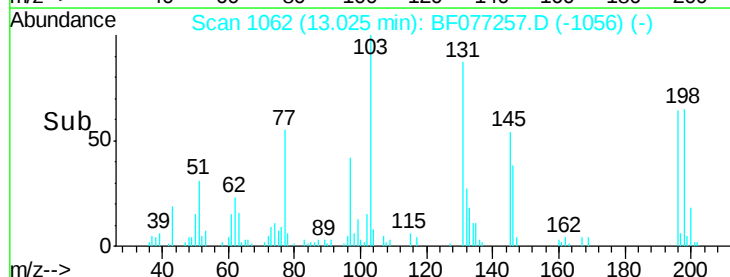
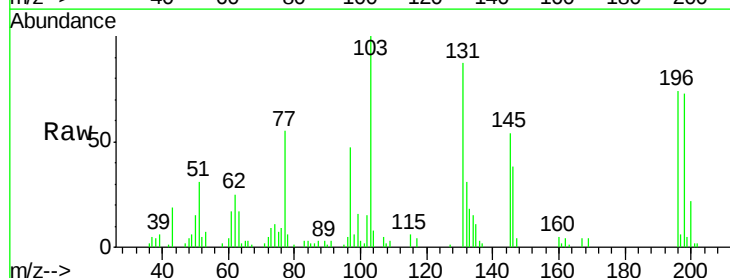
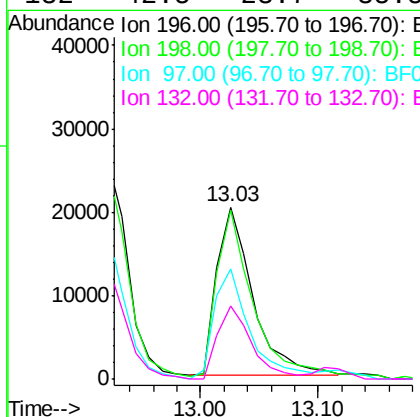
Manual Integrations  
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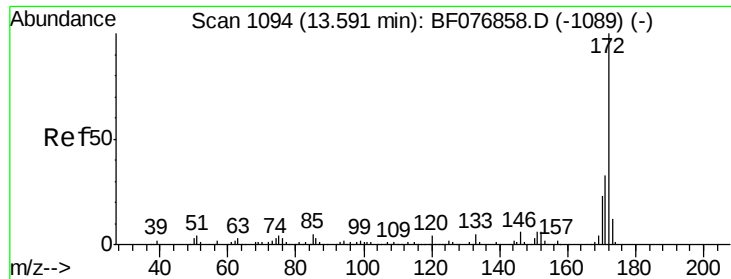
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#43  
2,4,5-Trichlorophenol  
Concen: 31.99 ng m  
RT: 13.03 min Scan# 1062  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 43108 |       |       |
| 198     | 98.6  | 76.6  | 115.0 |       |
| 97      | 63.8  | 43.4  | 65.0  |       |
| 132     | 42.5  | 23.7  | 35.5  |       |





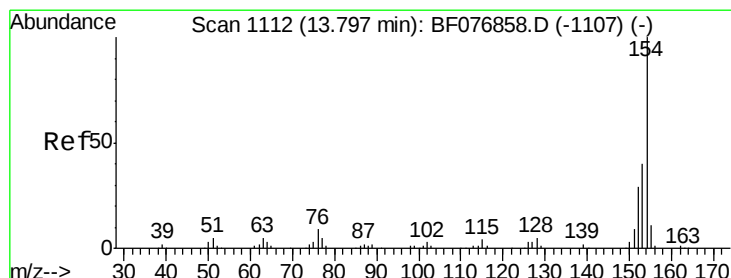
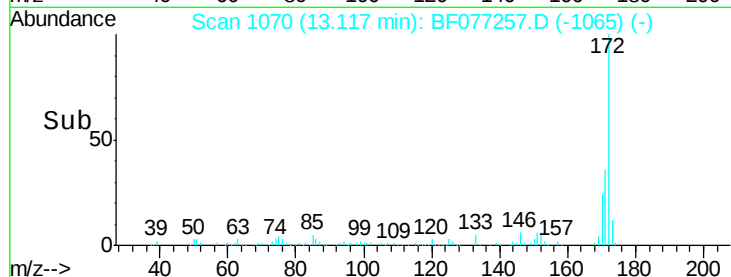
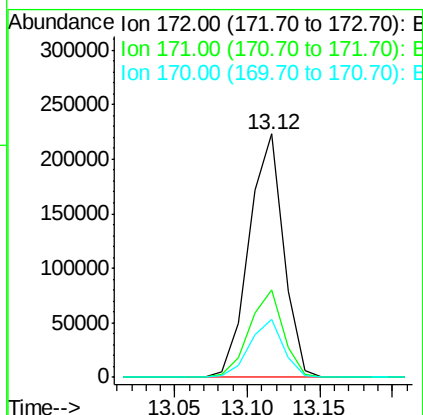
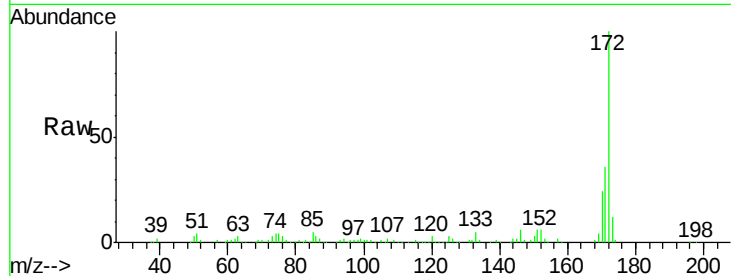
#44  
2-Fluorobiphenyl  
Concen: 76.32 ng  
RT: 13.12 min Scan# 1070  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 172     | 100   |            |            |
| 171     | 36.2  | 26.6       | 40.0       |
| 170     | 23.7  | 18.0       | 27.0       |

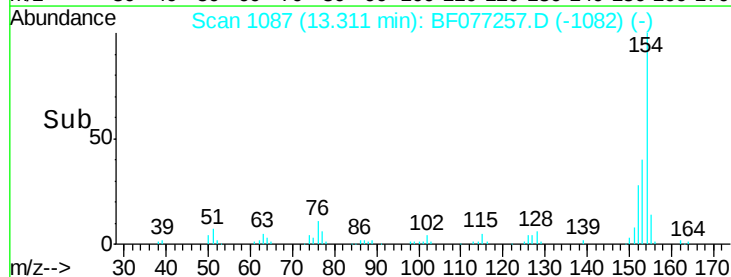
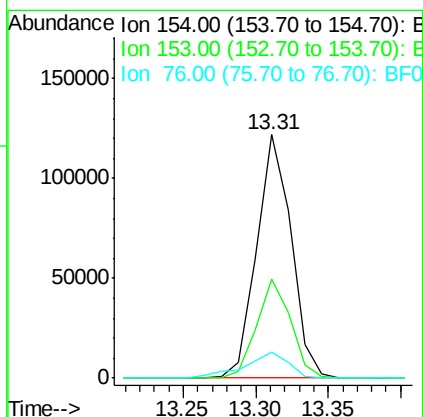
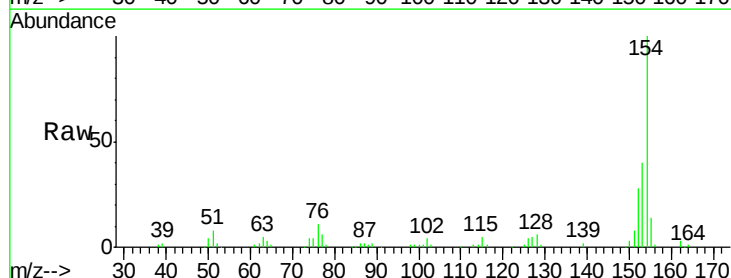
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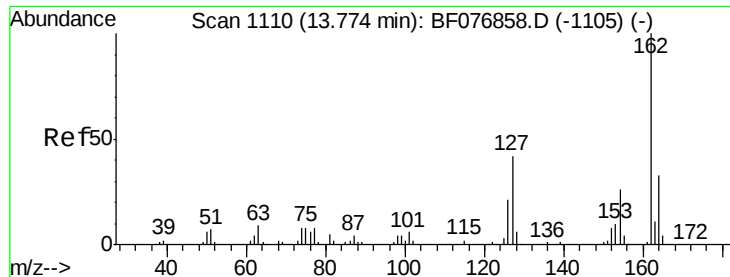
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#45  
1,1'-Biphenyl  
Concen: 36.95 ng  
RT: 13.31 min Scan# 1087  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 40.5  | 20.2       | 60.2       |
| 76      | 10.9  | 0.0        | 29.0       |





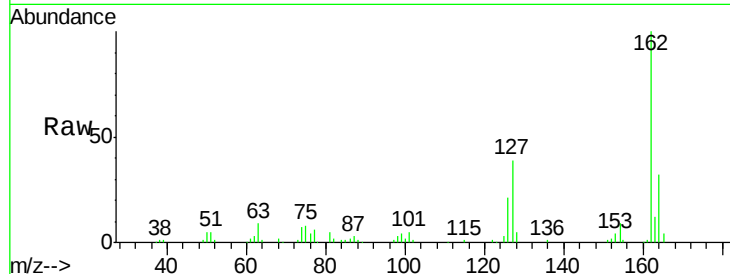
#46  
2-Chloronaphthalene  
Concen: 36.50 ng  
RT: 13.29 min Scan# 1085  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

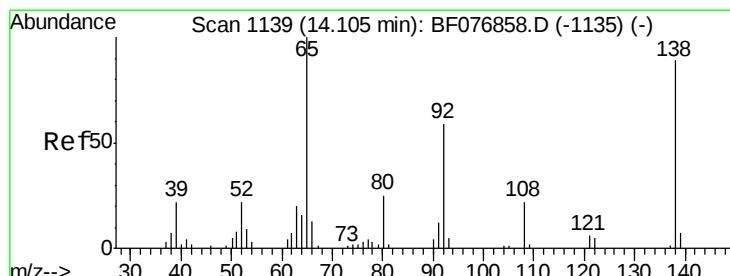
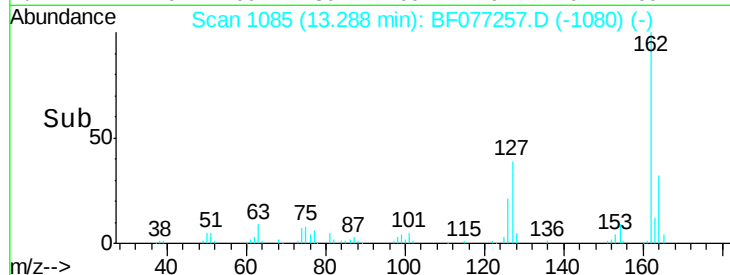
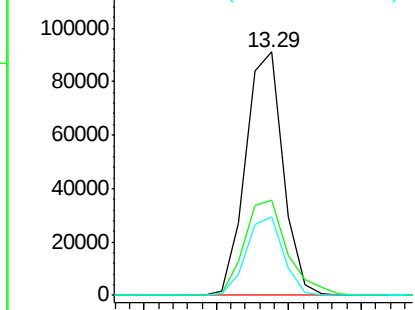
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.9  | 33.8  | 50.6  |
| 164     | 32.0  | 26.8  | 40.2  |

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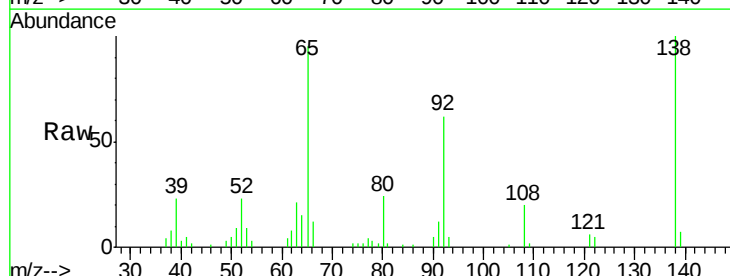


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

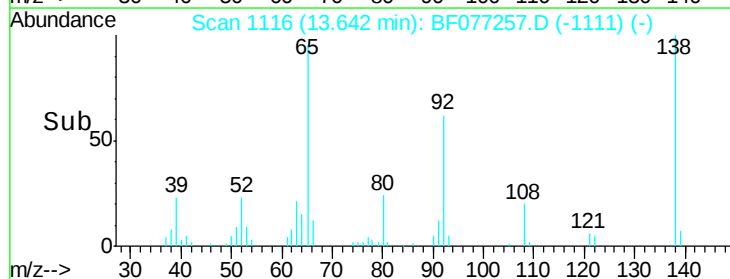
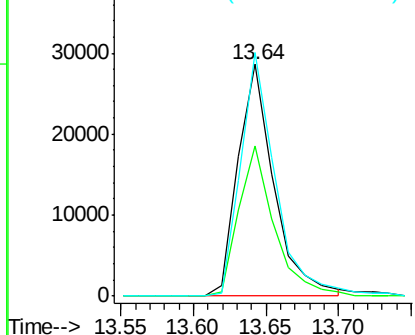


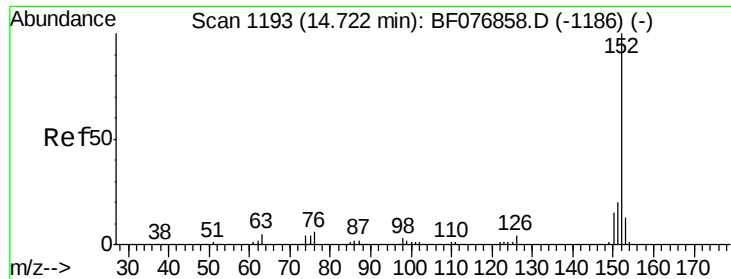
#47  
2-Nitroaniline  
Concen: 36.28 ng  
RT: 13.64 min Scan# 1116  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.9  | 47.3  | 70.9  |
| 138     | 105.1 | 71.4  | 107.2 |



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 34.89 ng

RT: 14.23 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

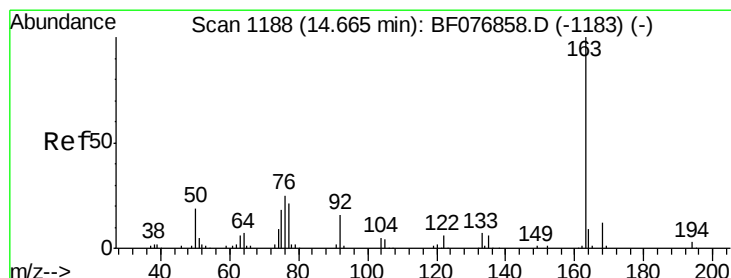
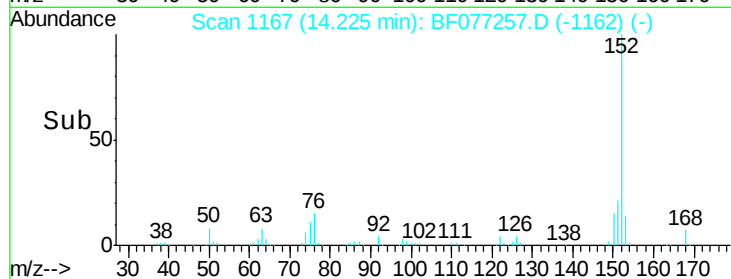
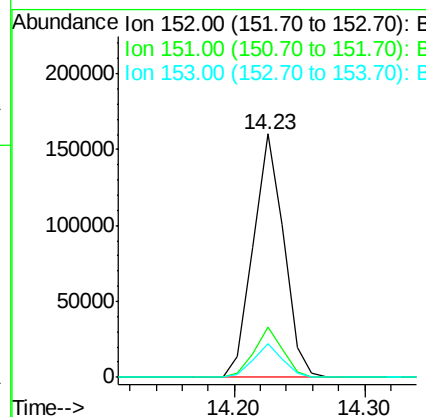
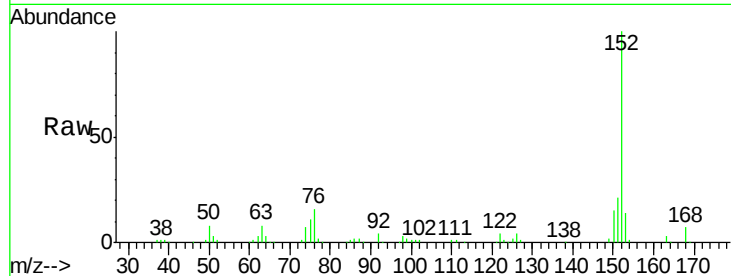
ClientSampleId :

PB81702BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 263294 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.8  | 15.9  | 23.9   |
| 153       | 14.0  | 10.2  | 15.4   |

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#49

Dimethylphthalate

Concen: 37.10 ng

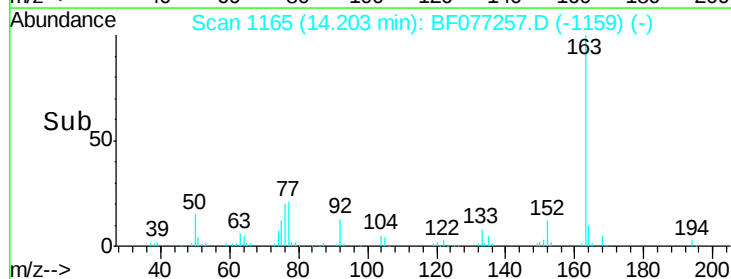
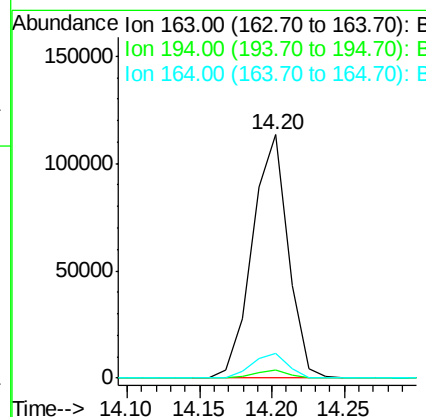
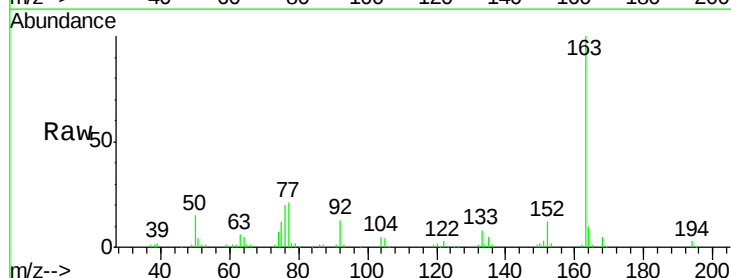
RT: 14.20 min Scan# 1165

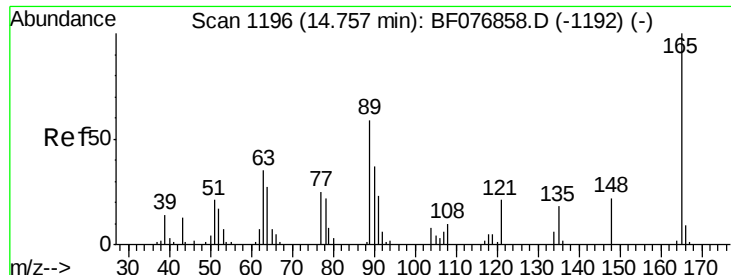
Delta R.T. -0.03 min

Lab File: BF077257.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 192970 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.2   | 2.6   | 4.0    |
| 164       | 10.1  | 7.5   | 11.3   |





#50

2,6-Dinitrotoluene

Concen: 37.21 ng

RT: 14.29 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

ClientSampleId :

PB81702BS

Tgt Ion:165 Resp: 38674  
Ion Ratio Lower Upper

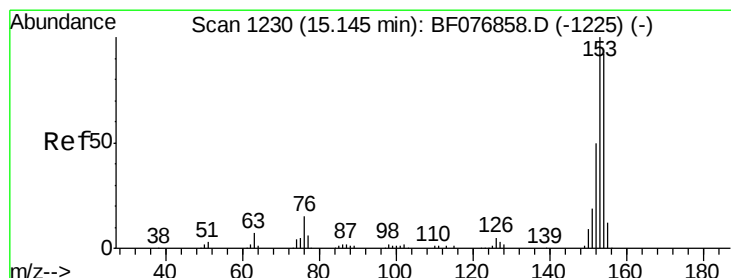
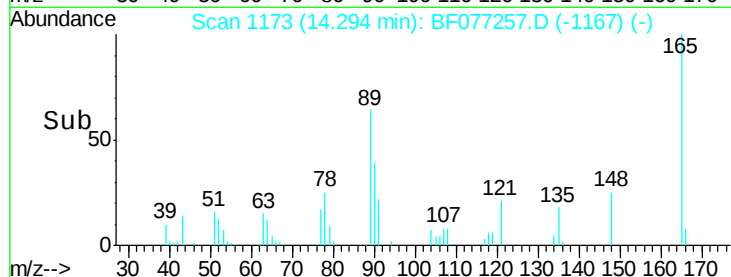
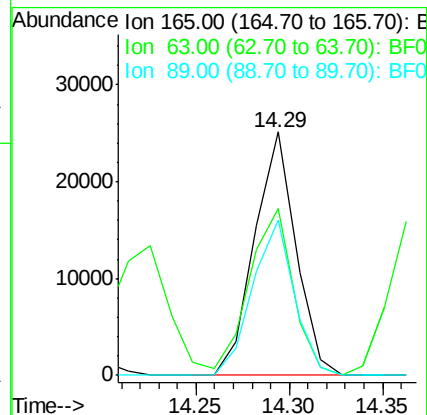
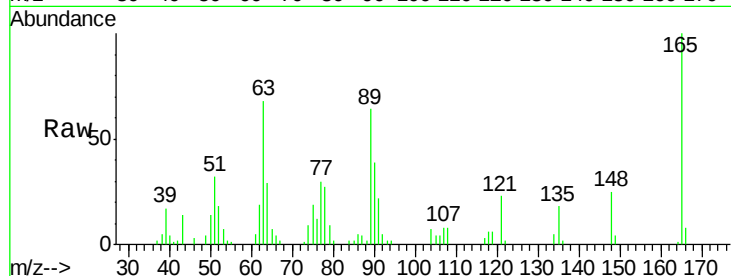
165 100

63 68.4 48.1 72.1

89 64.0 47.2 70.8

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#51

Acenaphthene

Concen: 34.74 ng

RT: 14.65 min Scan# 1204

Delta R.T. -0.05 min

Lab File: BF077257.D

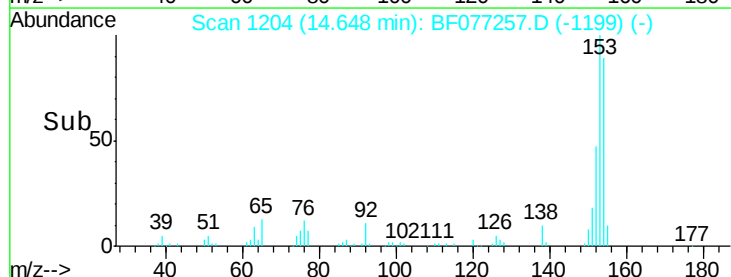
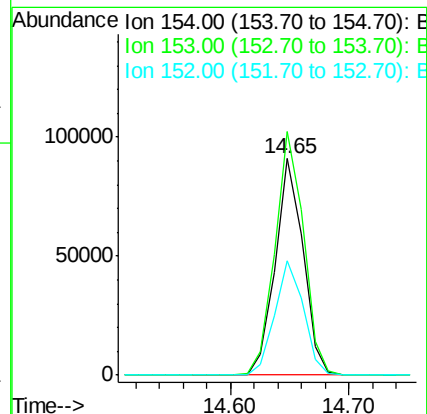
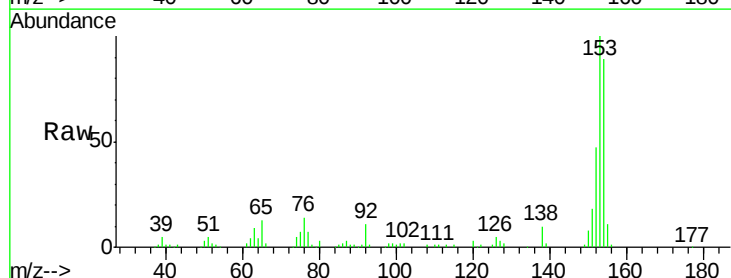
Acq: 11 Feb 2015 16:59

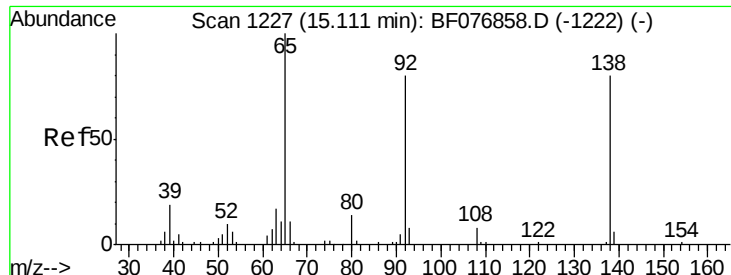
Tgt Ion:154 Resp: 148756  
Ion Ratio Lower Upper

154 100

153 112.5 87.0 130.6

152 52.6 43.5 65.3





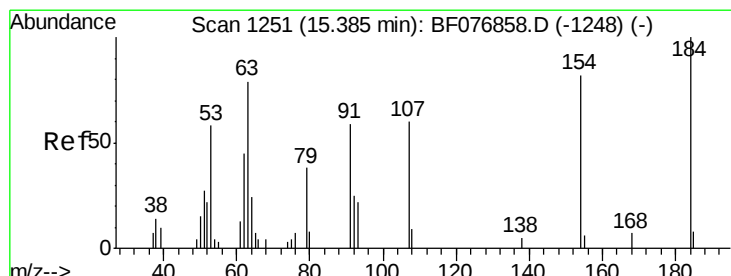
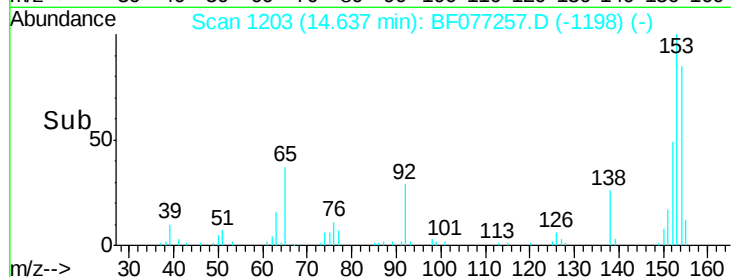
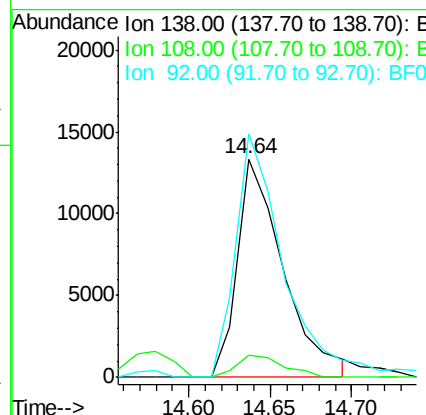
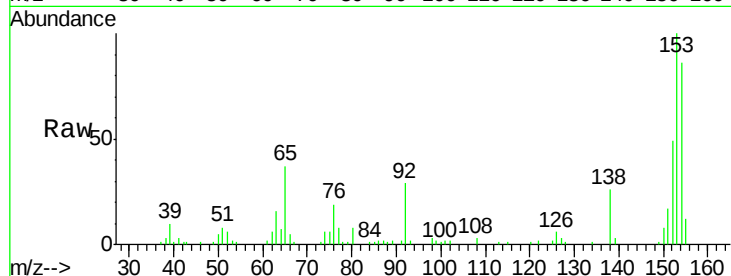
#52  
3-Nitroaniline  
Concen: 22.09 ng  
RT: 14.64 min Scan# 1203  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 26036 |       |       |
| 108     | 10.4  | 8.3   | 12.5  |       |
| 92      | 111.6 | 80.9  | 121.3 |       |

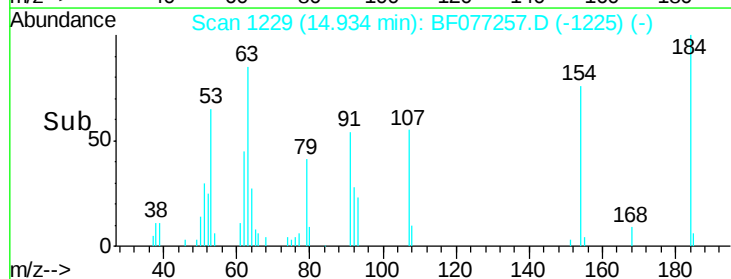
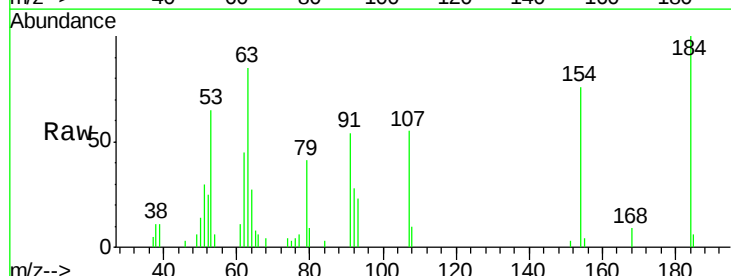
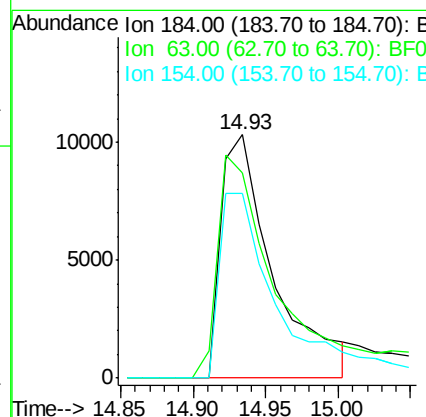
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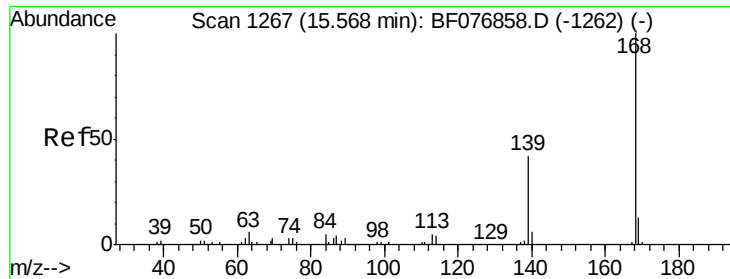
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#53  
2,4-Dinitrophenol  
Concen: 68.75 ng  
RT: 14.93 min Scan# 1229  
Delta R.T. -0.06 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 25866 |       |       |
| 63      | 84.5  | 63.0  | 94.6  |       |
| 154     | 75.8  | 65.5  | 98.3  |       |





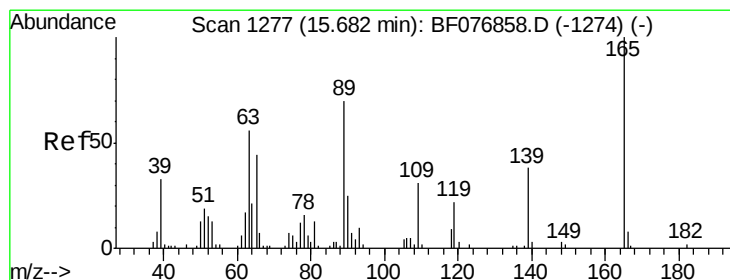
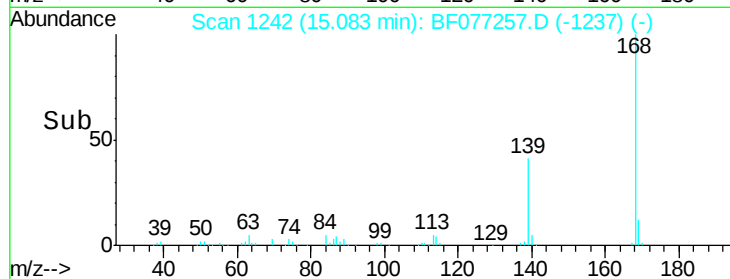
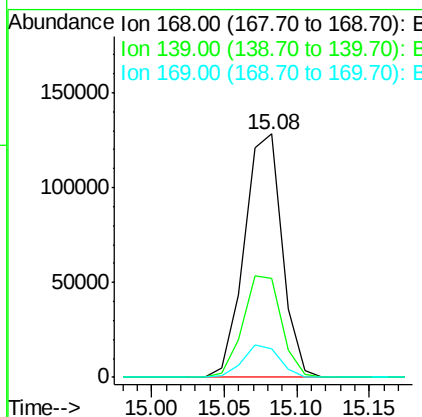
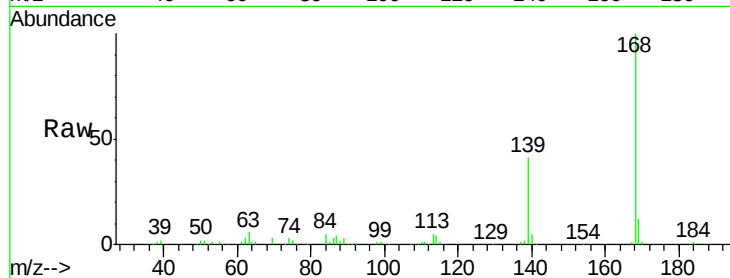
#54  
Dibenzofuran  
Concen: 37.15 ng  
RT: 15.08 min Scan# 1242  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.6  | 33.4  | 50.2  |
| 169     | 12.0  | 10.6  | 15.8  |

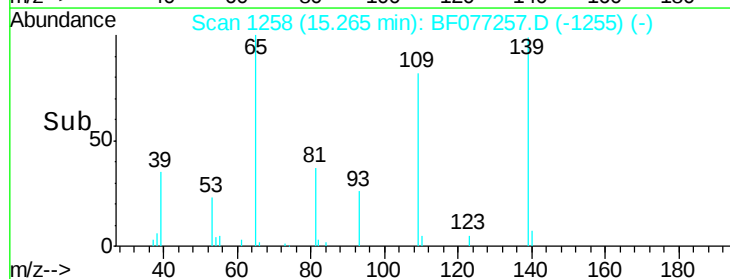
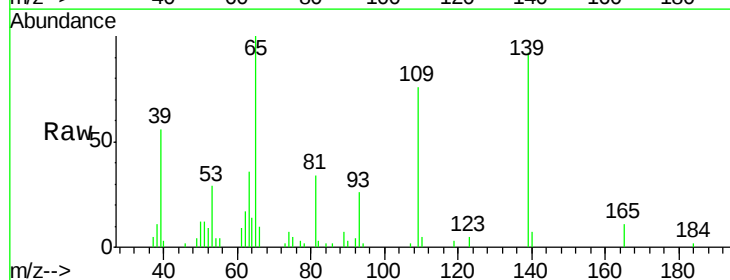
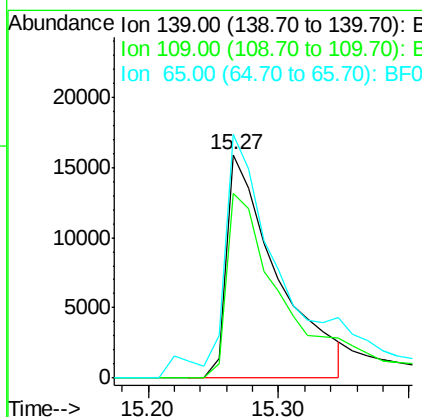
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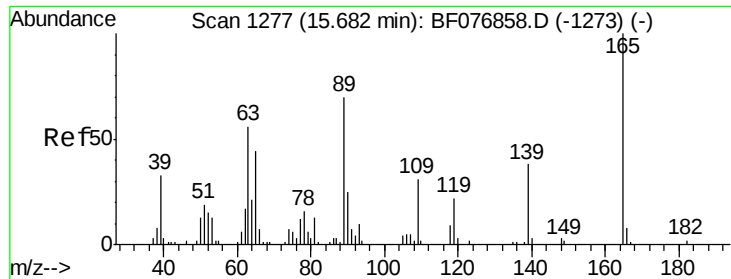
apatel  
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#55  
4-Nitrophenol  
Concen: 52.77 ng  
RT: 15.27 min Scan# 1258  
Delta R.T. -0.07 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

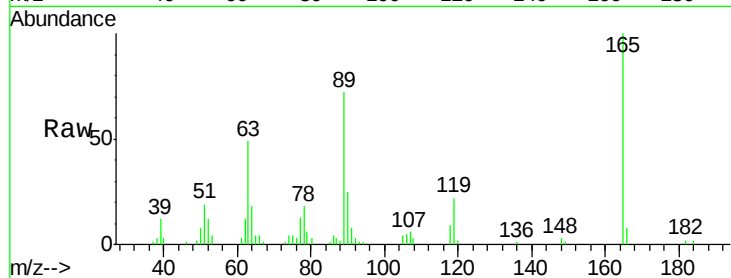
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 82.5  | 61.0  | 101.0 |
| 65      | 108.9 | 96.6  | 136.6 |





#56  
 2,4-Dinitrotoluene  
 Concen: 38.29 ng  
 RT: 15.23 min Scan# 1255  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

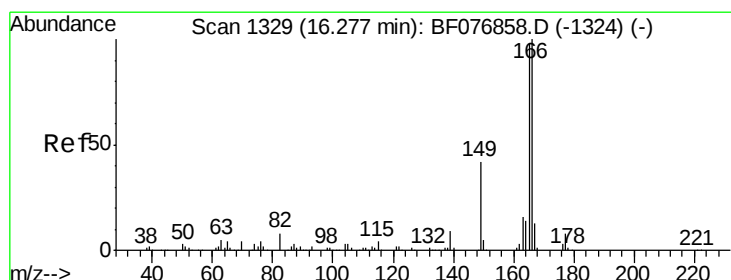
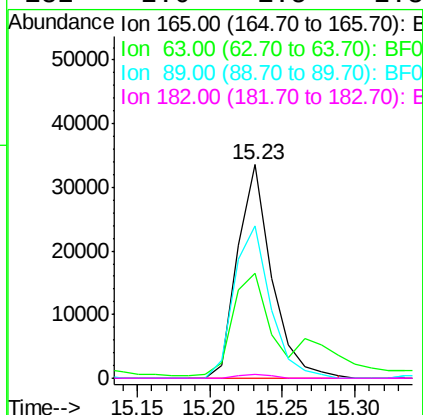
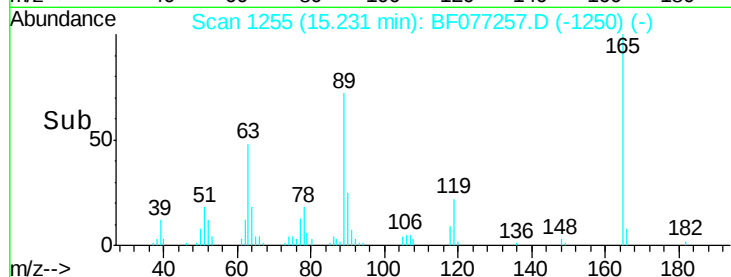
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS



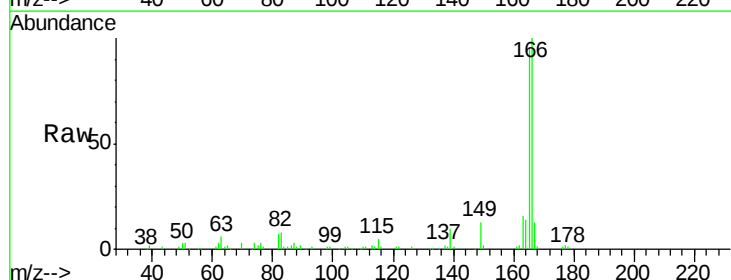
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 55517 |       |       |
| 63      | 49.0  |       | 44.8  | 67.2  |
| 89      | 71.6  |       | 56.2  | 84.2  |
| 182     | 2.0   |       | 1.5   | 2.3   |

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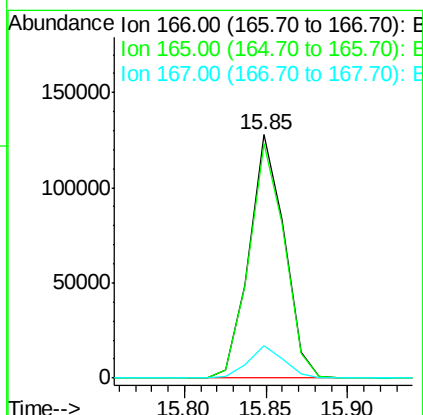
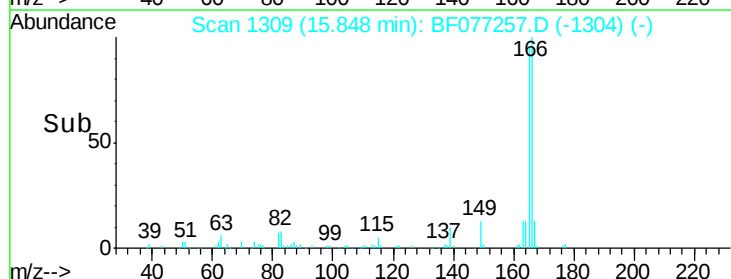
apatel  
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#57  
 Fluorene  
 Concen: 36.17 ng  
 RT: 15.85 min Scan# 1309  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 191138 |       |       |
| 165     | 96.4  |        | 78.5  | 117.7 |
| 167     | 13.2  |        | 10.4  | 15.6  |





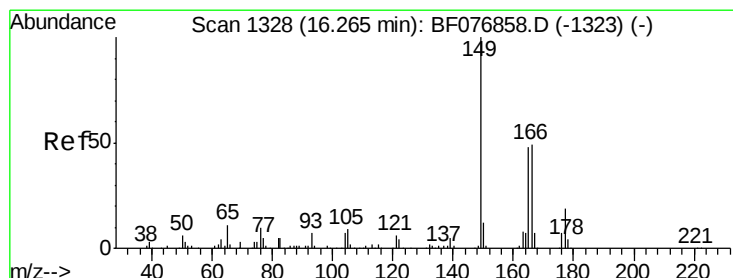
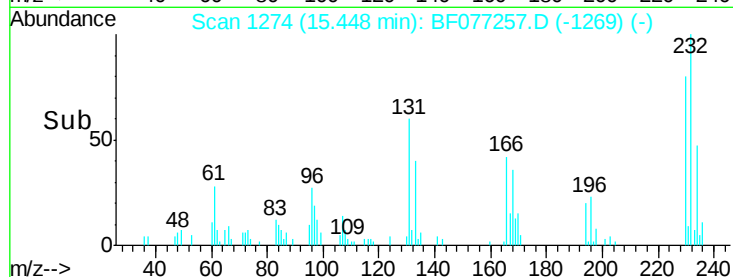
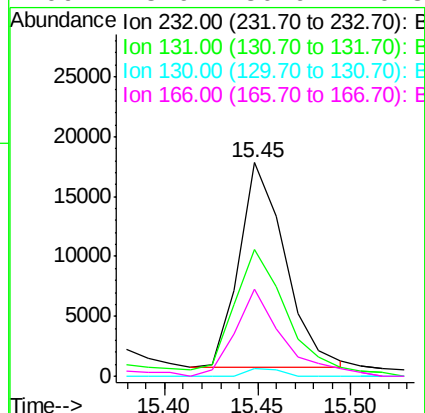
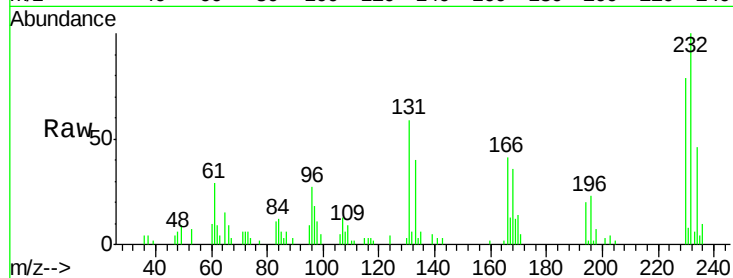
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 29.75 ng  
 RT: 15.45 min Scan# 1274  
 Delta R.T. -0.05 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 29192 |       |       |
| 131     | 63.4  | 45.0  | 67.6  |       |
| 130     | 2.5   | 2.6   | 3.8   |       |
| 166     | 43.9  | 30.9  | 46.3  |       |

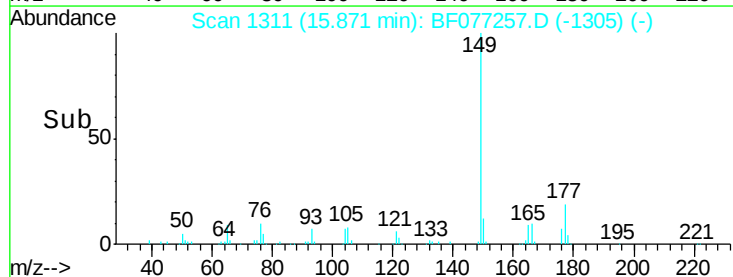
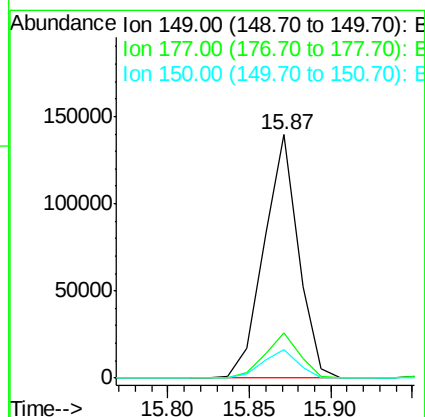
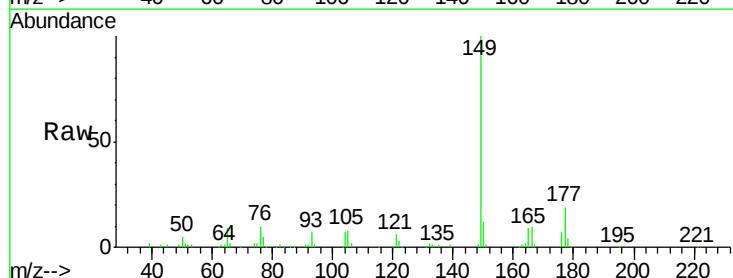
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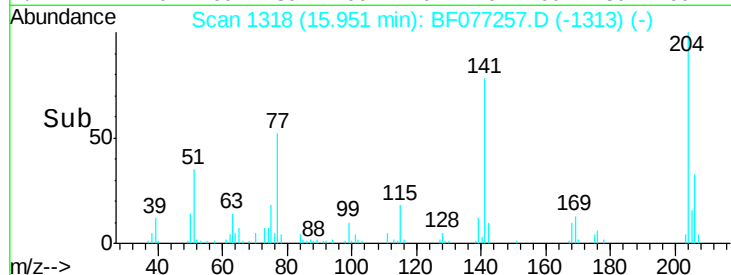
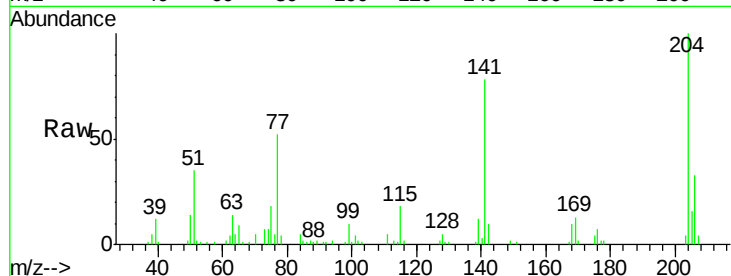
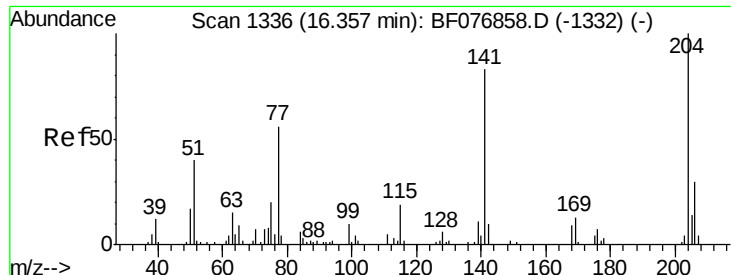
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#59  
 Diethylphthalate  
 Concen: 38.97 ng  
 RT: 15.87 min Scan# 1311  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 204841 |       |       |
| 177     | 18.6  | 15.0   | 22.6  |       |
| 150     | 11.8  | 9.4    | 14.0  |       |





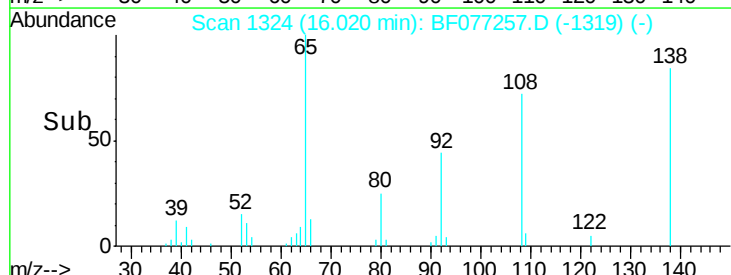
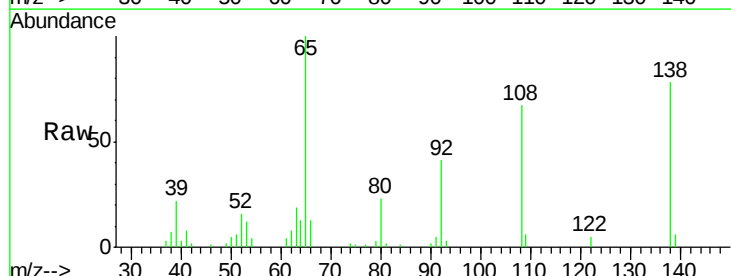
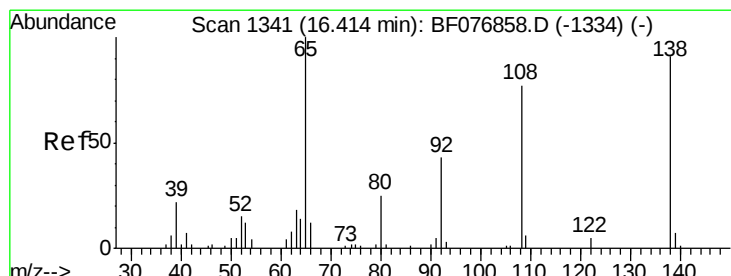
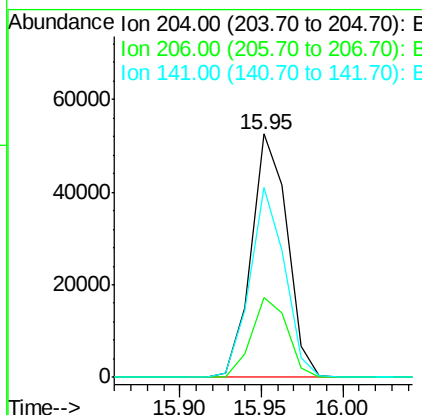
#60  
4-Chlorophenyl-phenylether  
Concen: 37.19 ng  
RT: 15.95 min Scan# 1318  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampled :  
PB81702BS

Tgt Ion: 204 Resp: 80404  
Ion Ratio Lower Upper  
204 100  
206 32.8 24.2 36.2  
141 78.0 66.7 100.1

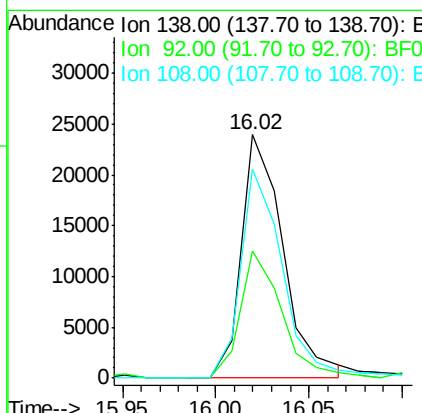
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#61  
4-Nitroaniline  
Concen: 30.47 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Tgt Ion: 138 Resp: 37287  
Ion Ratio Lower Upper  
138 100  
92 52.0 26.7 66.7  
108 85.7 64.5 104.5





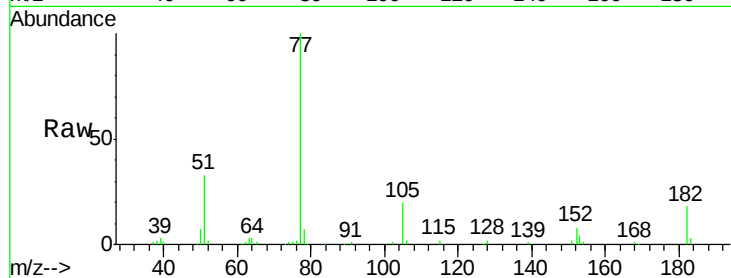
#62  
Azobenzene  
Concen: 33.96 ng m  
RT: 16.25 min Scan# 1344  
Delta R.T. -0.05 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

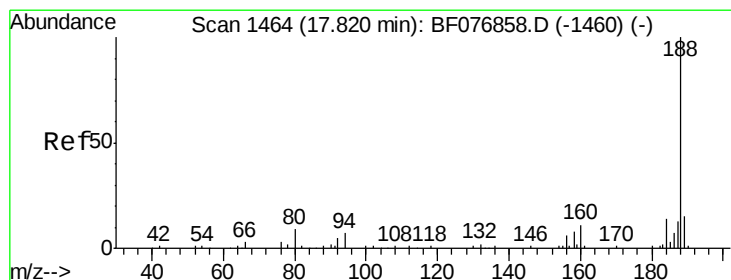
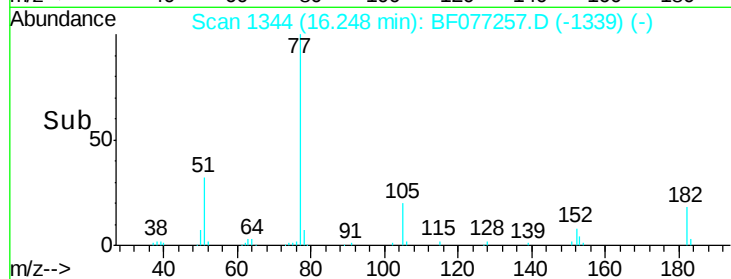
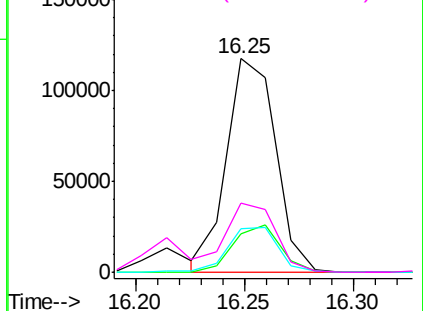
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 185995 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 18.2  | 2.0   | 42.0   |
| 105      | 20.2  | 2.3   | 42.3   |
| 51       | 32.5  | 10.7  | 50.7   |

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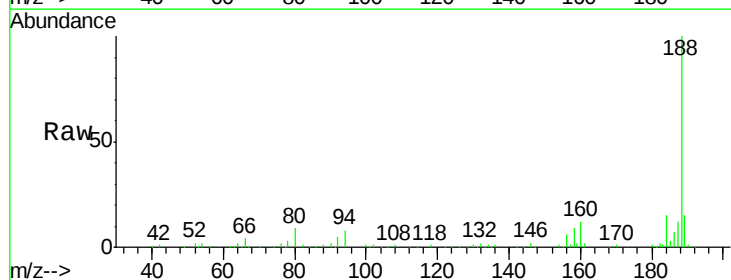


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

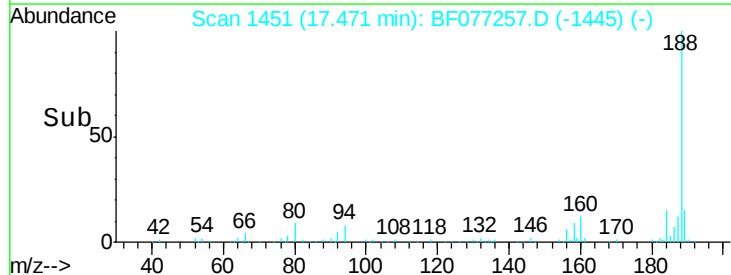
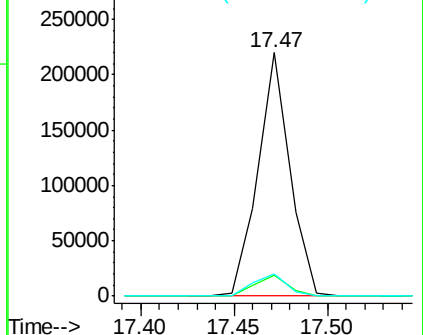


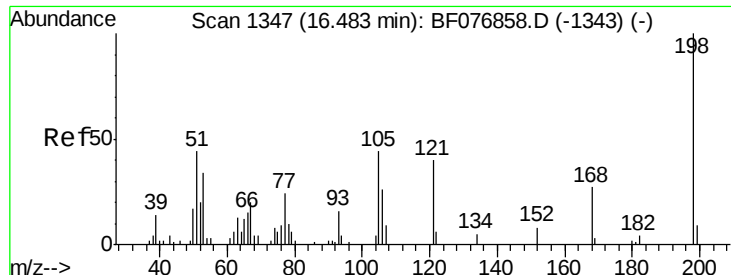
#63  
Phenanthrene-d10  
Concen: 40.00 ng  
RT: 17.47 min Scan# 1451  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 260901 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.4   | 6.0   | 9.0    |
| 80       | 9.1   | 6.9   | 10.3   |



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





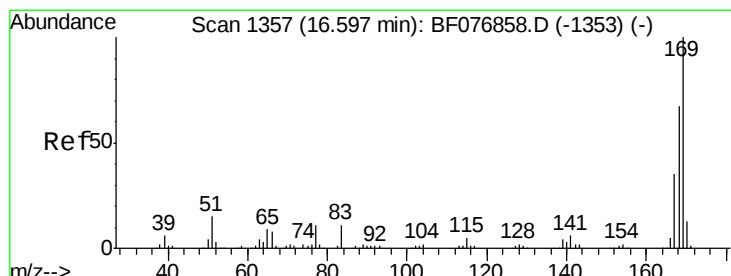
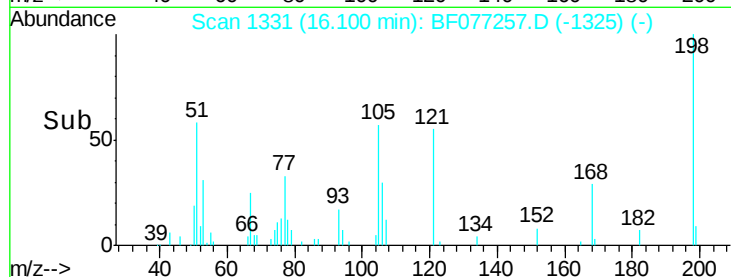
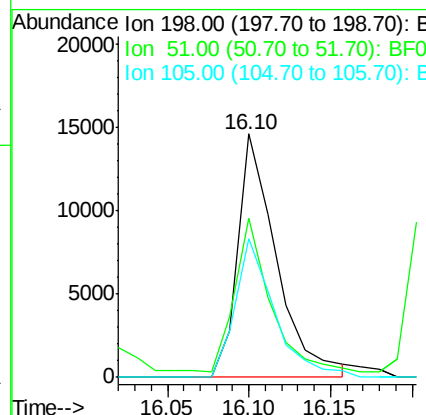
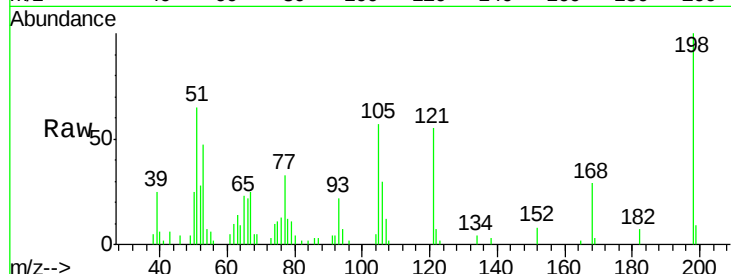
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 33.22 ng  
 RT: 16.10 min Scan# 1331  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 23962 |       |       |
| 51      | 65.5  | 24.2  | 64.2# |       |
| 105     | 56.9  | 24.0  | 64.0  |       |

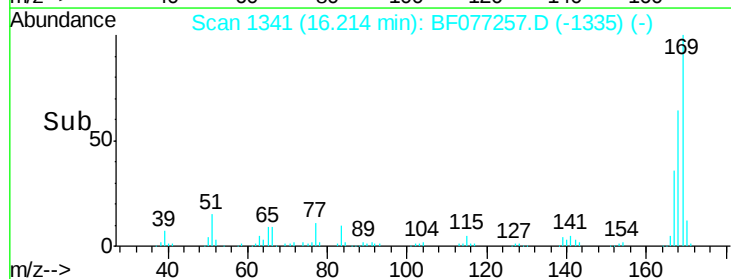
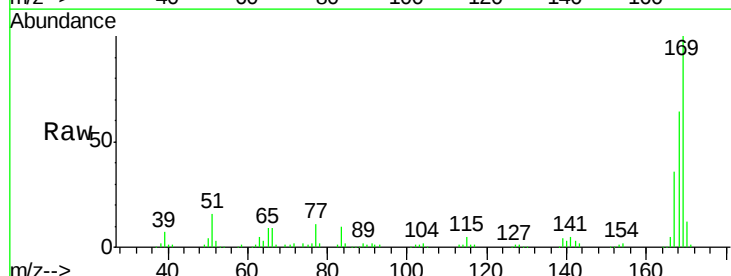
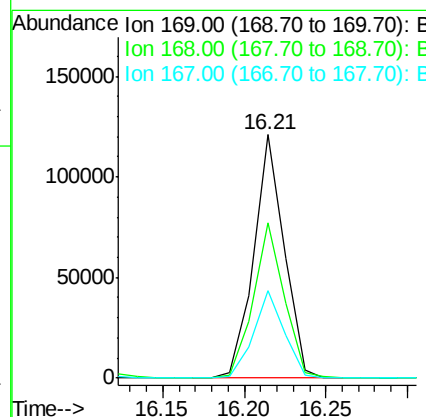
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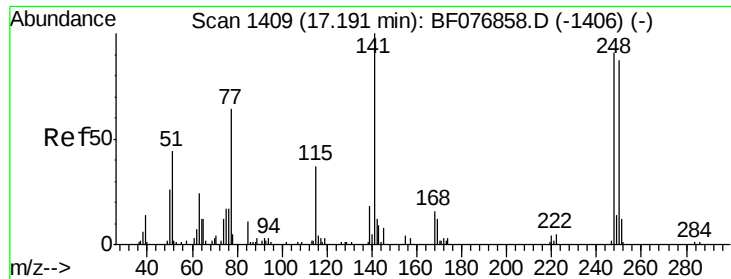
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#65  
 n-Nitrosodiphenylamine  
 Concen: 33.69 ng  
 RT: 16.21 min Scan# 1341  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 156686 |       |       |
| 168     | 63.8  | 53.8   | 80.6  |       |
| 167     | 36.0  | 27.8   | 41.6  |       |





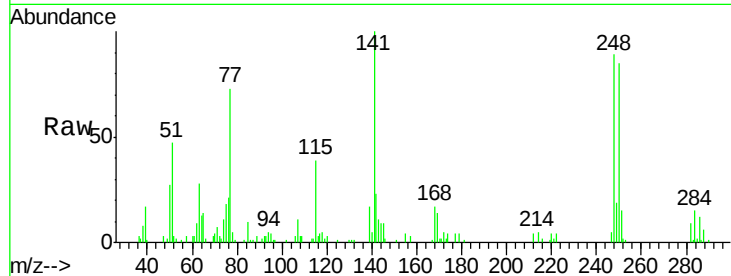
#66  
4-Bromophenyl-phenylether  
Concen: 36.22 ng  
RT: 16.83 min Scan# 1395  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

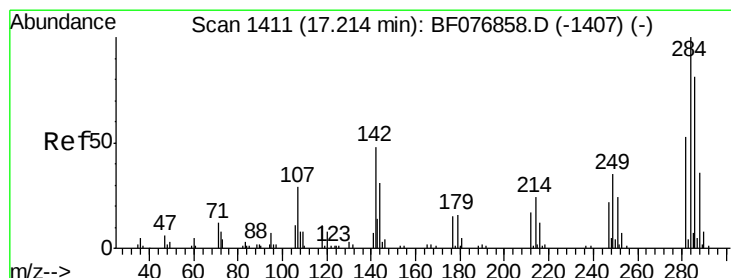
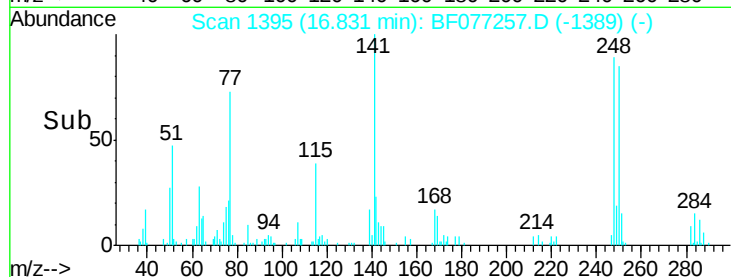
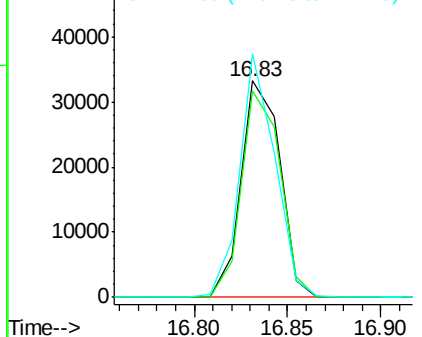
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.3  | 77.1  | 115.7 |
| 141     | 112.7 | 88.2  | 132.4 |

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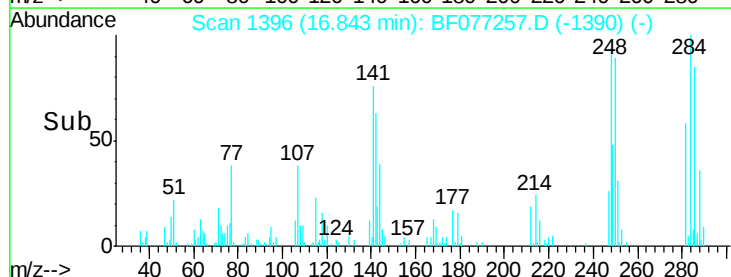
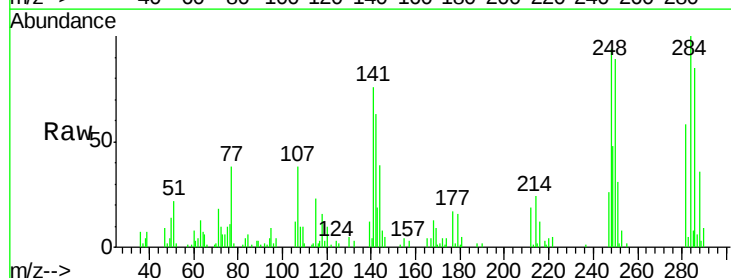
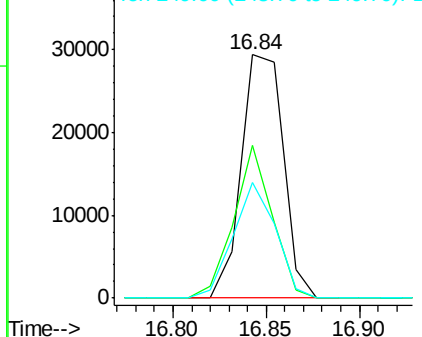
Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

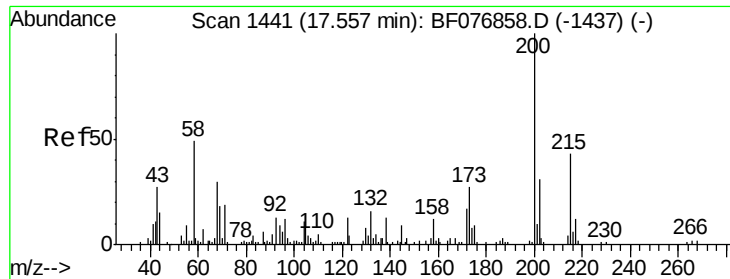


#67  
Hexachlorobenzene  
Concen: 32.96 ng  
RT: 16.84 min Scan# 1396  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 62.9  | 38.2  | 57.4# |
| 249     | 47.7  | 28.2  | 42.2# |

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





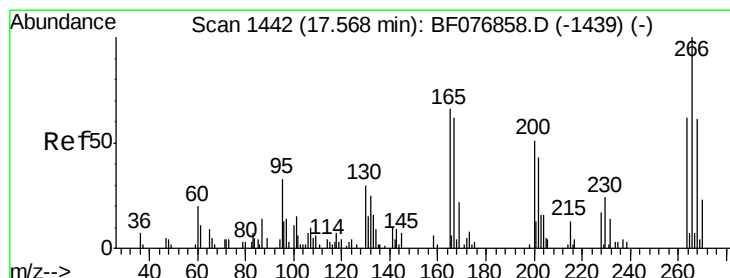
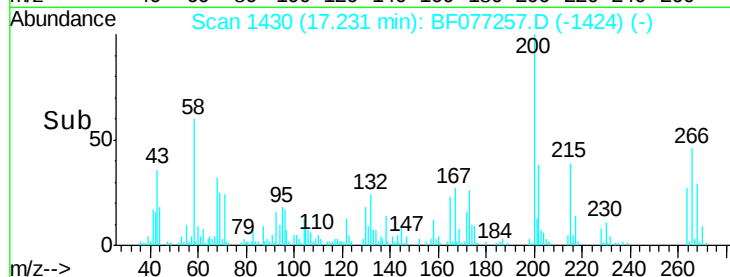
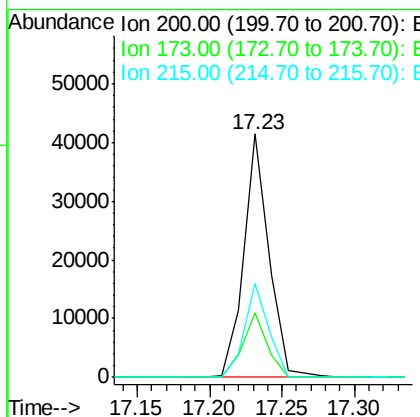
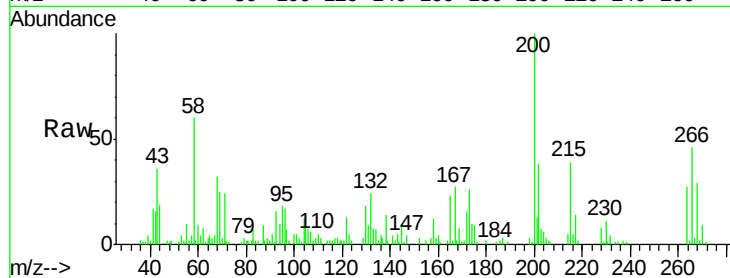
#68  
 Atrazine  
 Concen: 35.43 ng  
 RT: 17.23 min Scan# 1430  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.2  | 6.6        | 46.6       |
| 215     | 38.5  | 22.9       | 62.9       |

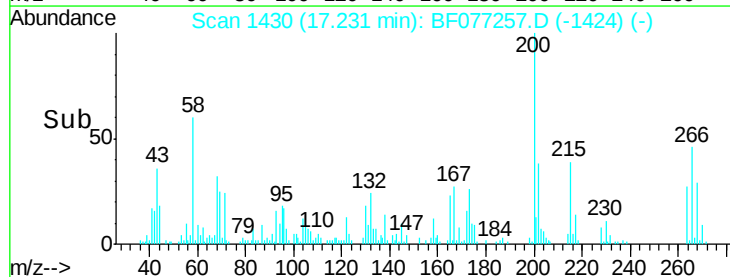
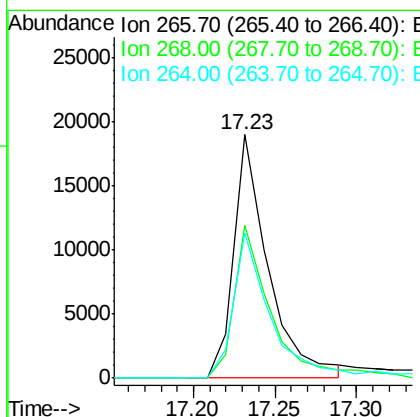
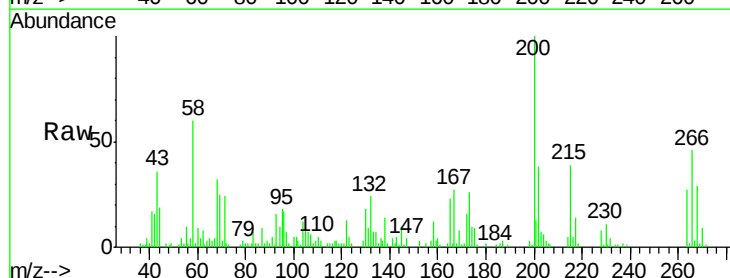
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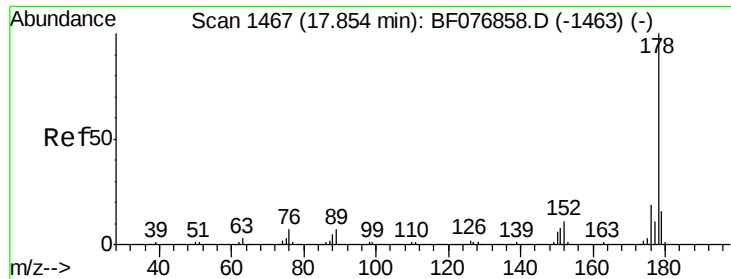
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#69  
 Pentachlorophenol  
 Concen: 53.73 ng  
 RT: 17.23 min Scan# 1430  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 62.8  | 48.6       | 72.8       |
| 264     | 59.5  | 49.5       | 74.3       |





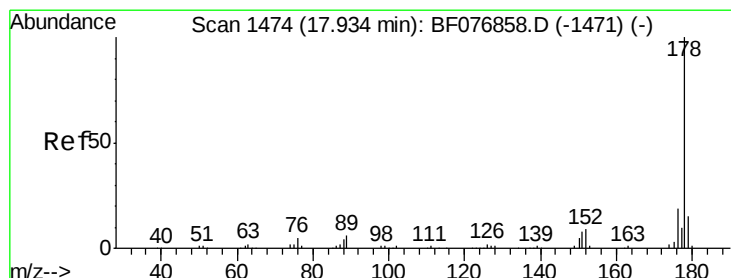
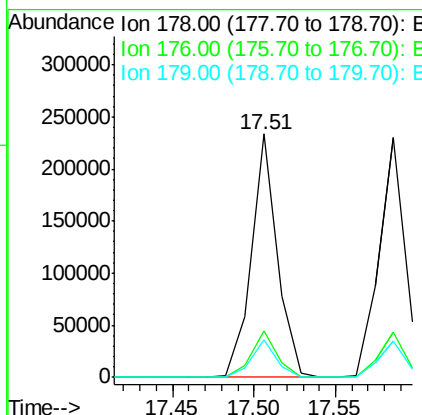
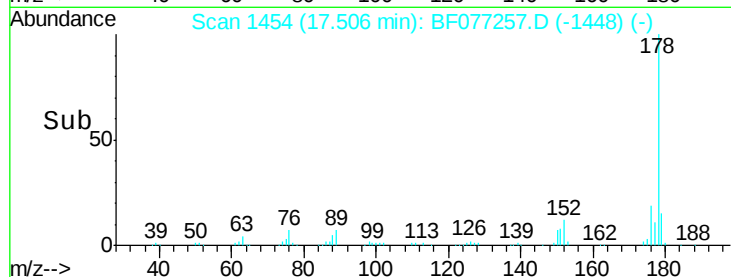
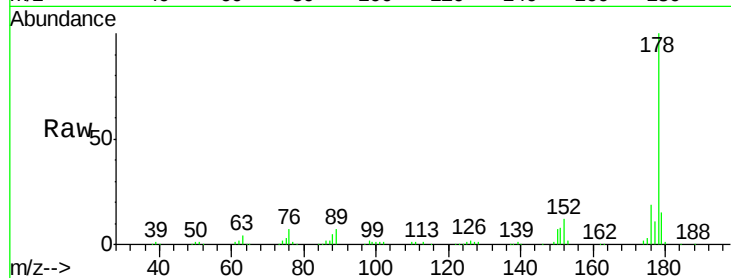
#70  
Phenanthrene  
Concen: 31.72 ng  
RT: 17.51 min Scan# 1454  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.1  | 22.7  |
| 179     | 15.2  | 12.7  | 19.1  |

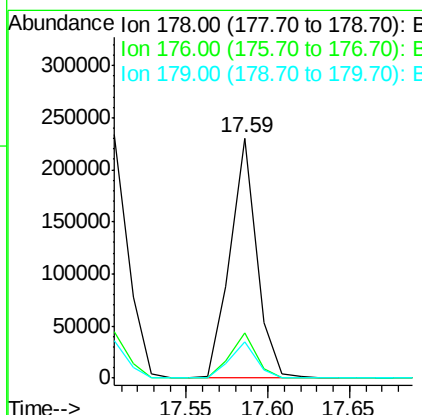
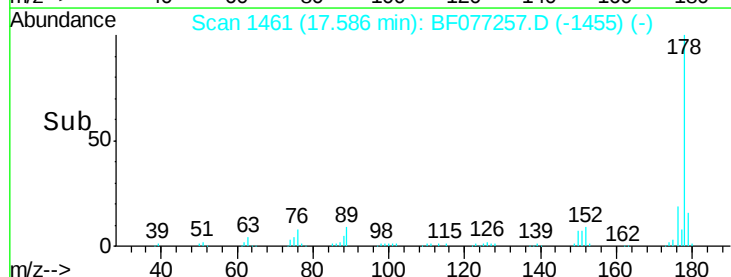
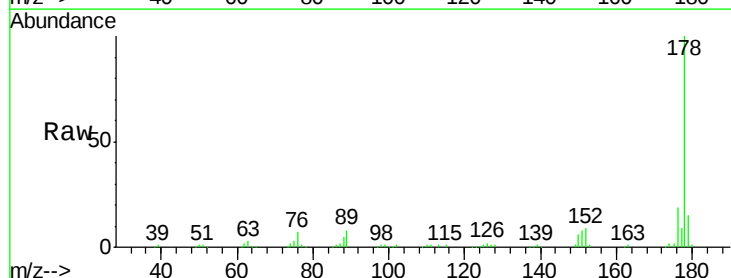
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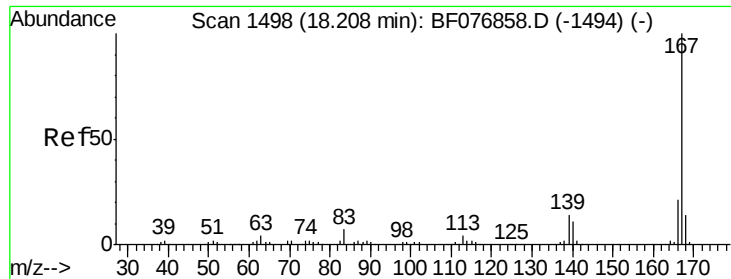
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#71  
Anthracene  
Concen: 32.82 ng  
RT: 17.59 min Scan# 1461  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.0  |
| 179     | 15.1  | 11.9  | 17.9  |





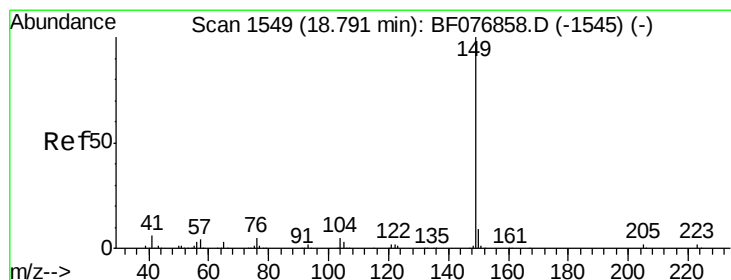
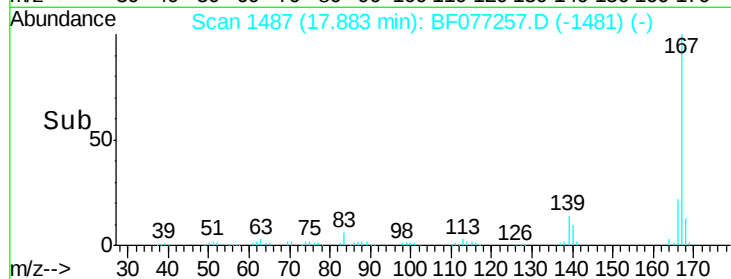
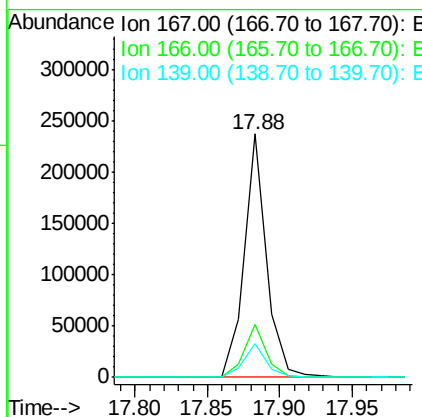
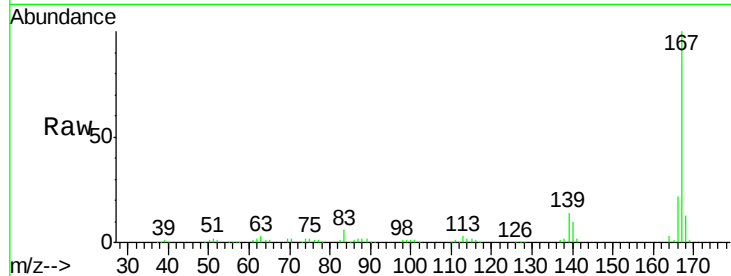
#72  
 Carbazole  
 Concen: 32.79 ng  
 RT: 17.88 min Scan# 1487  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 167     | 100   |            |            |
| 166     | 21.6  | 17.0       | 25.6       |
| 139     | 13.8  | 11.3       | 16.9       |

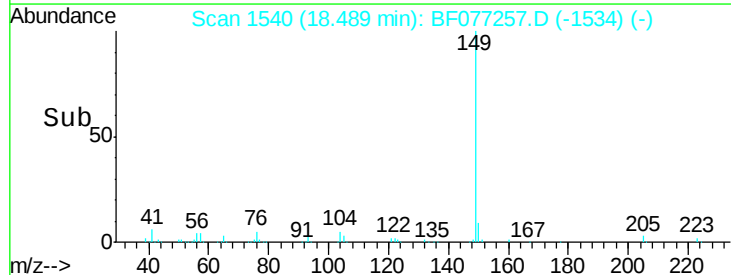
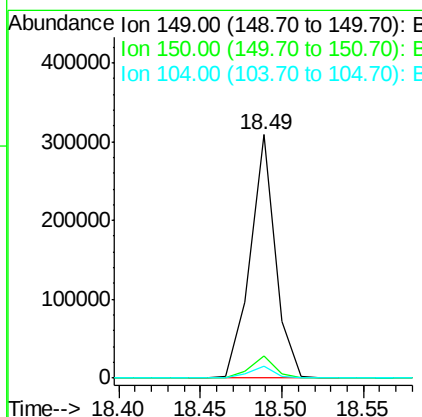
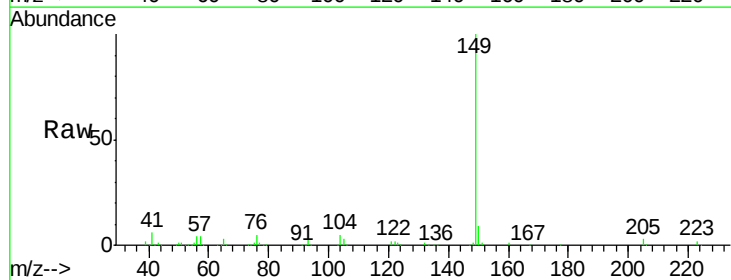
Manual Integrations  
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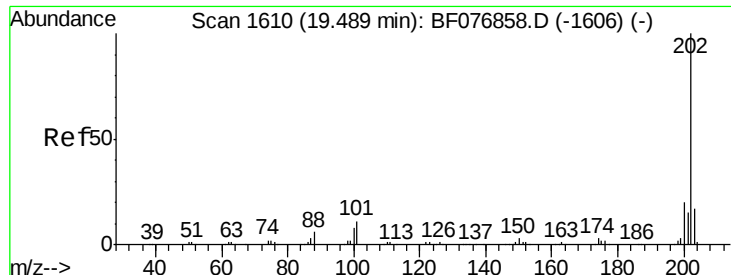
apatel  
 2/12/2015 4:13:30 PM



#73  
 Di-n-butylphthalate  
 Concen: 37.01 ng  
 RT: 18.49 min Scan# 1540  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 150     | 9.0   | 6.9        | 10.3       |
| 104     | 5.1   | 3.7        | 5.5        |





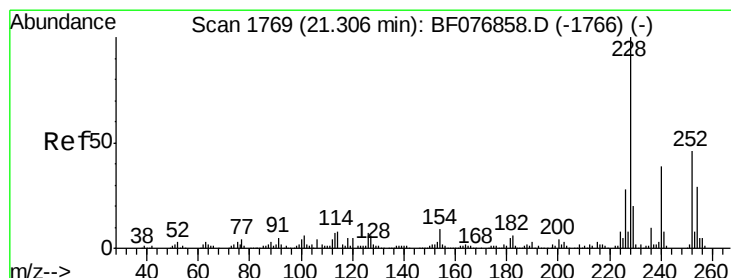
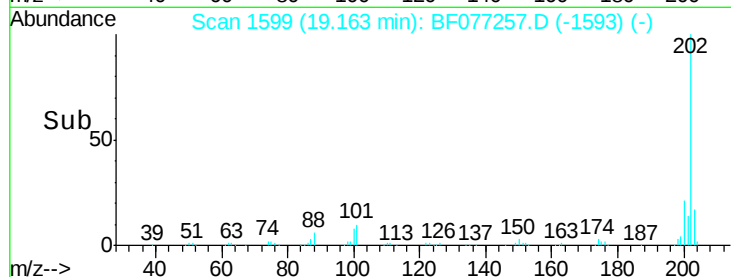
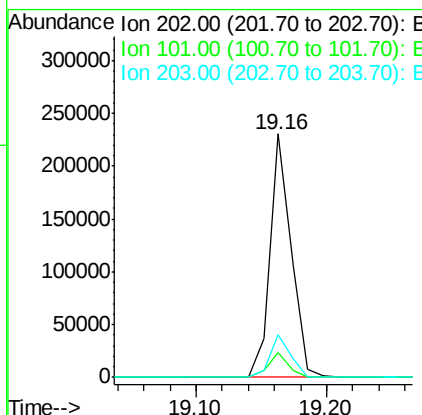
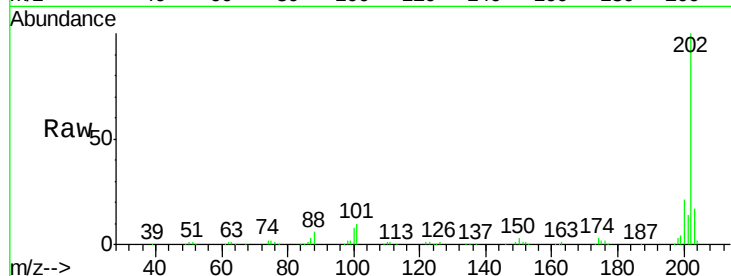
#74  
 Fluoranthene  
 Concen: 31.43 ng  
 RT: 19.16 min Scan# 1599  
 Delta R.T. -0.03 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81702BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 10.4  | 0.0        | 30.7       |
| 203     | 17.5  | 0.0        | 36.9       |

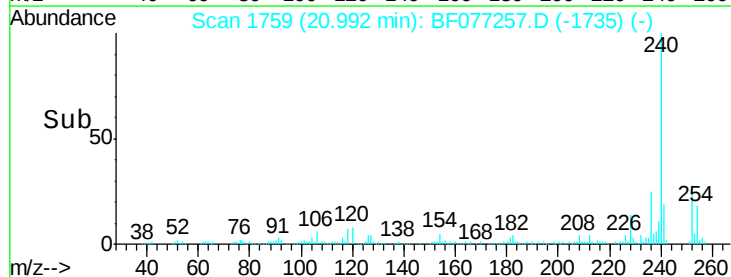
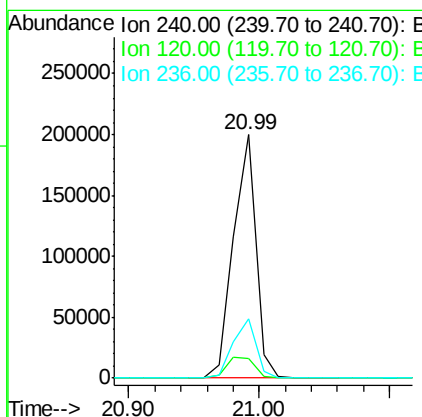
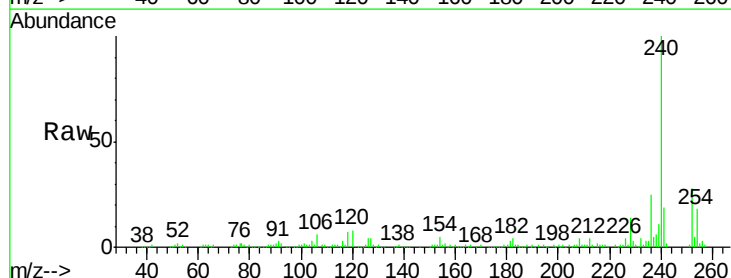
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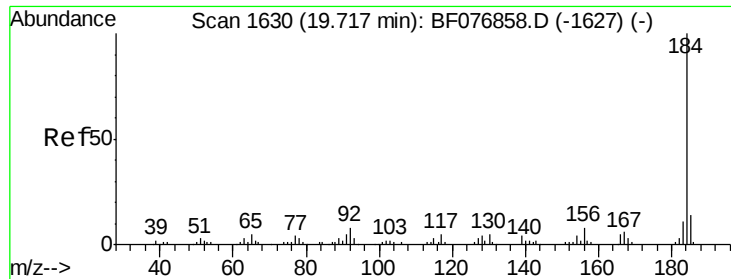
apatel  
 2/12/2015 4:13:30 PM



#75  
 Chrysene-d12  
 Concen: 40.00 ng  
 RT: 20.99 min Scan# 1759  
 Delta R.T. -0.02 min  
 Lab File: BF077257.D  
 Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 8.1   | 10.4       | 15.6#      |
| 236     | 24.5  | 20.2       | 30.2       |





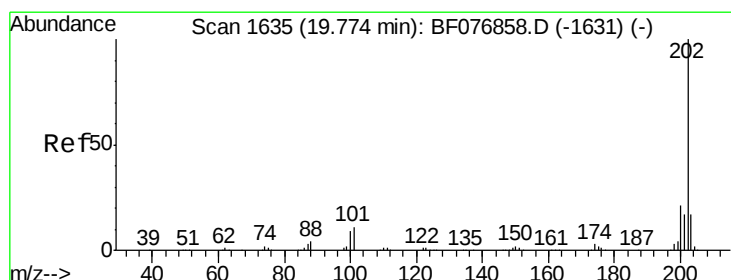
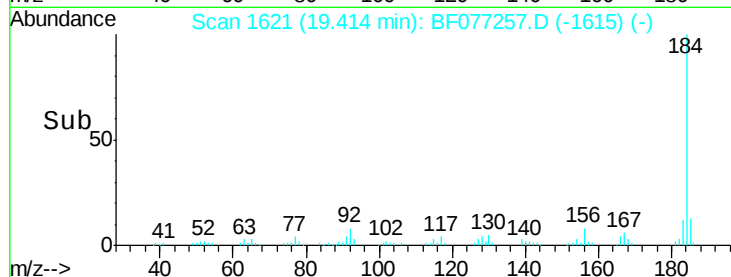
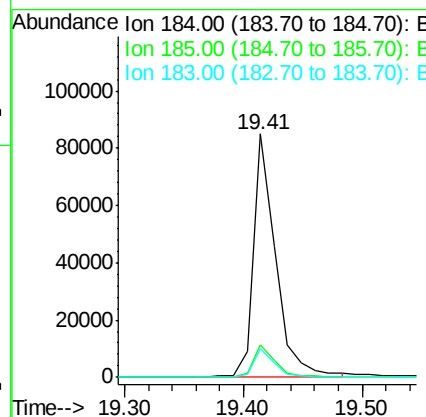
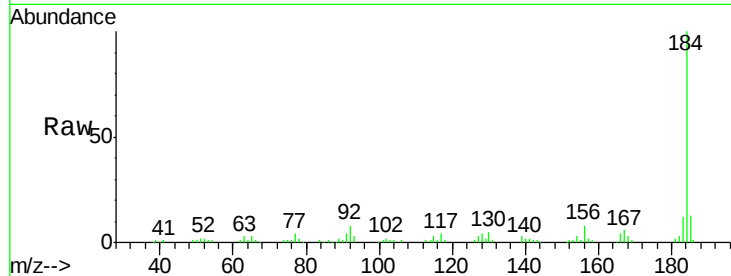
#76  
Benzidine  
Concen: 29.17 ng  
RT: 19.41 min Scan# 1621  
Delta R.T. -0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 111845 |       |       |
| 185     | 13.5  | 11.4   | 17.2  |       |
| 183     | 11.8  | 9.0    | 13.6  |       |

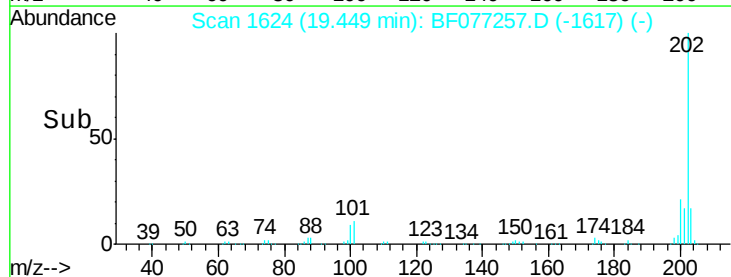
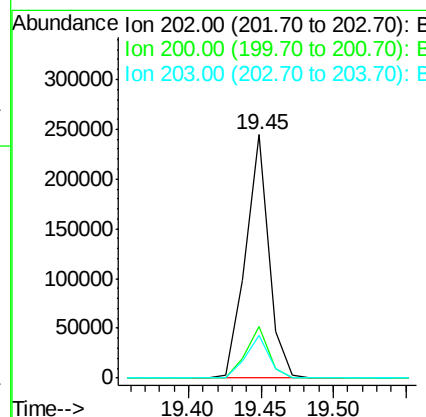
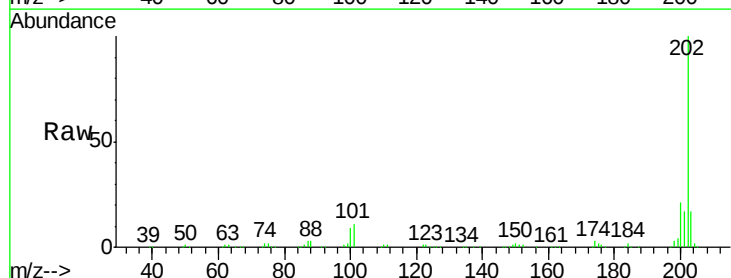
Manual Integrations  
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2/12/2015 4:13:30 PM



#77  
Pyrene  
Concen: 33.11 ng  
RT: 19.45 min Scan# 1624  
Delta R.T. -0.02 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 271892 |       |       |
| 200     | 21.2  | 16.7   | 25.1  |       |
| 203     | 17.3  | 14.0   | 21.0  |       |





#78

Terphenyl-d14

Concen: 70.43 ng

RT: 19.72 min Scan# 1648

Delta R.T. -0.03 min

Lab File: BF077257.D

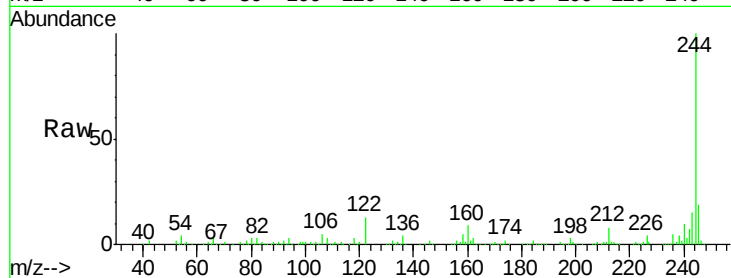
Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

ClientSampleId :

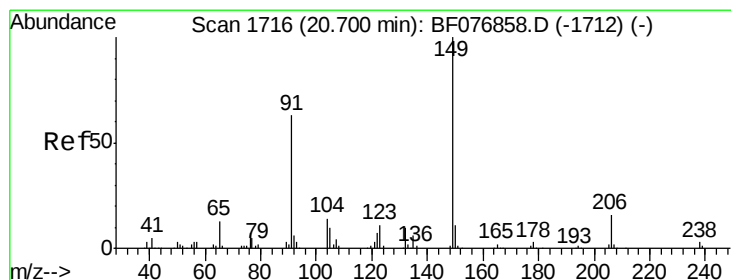
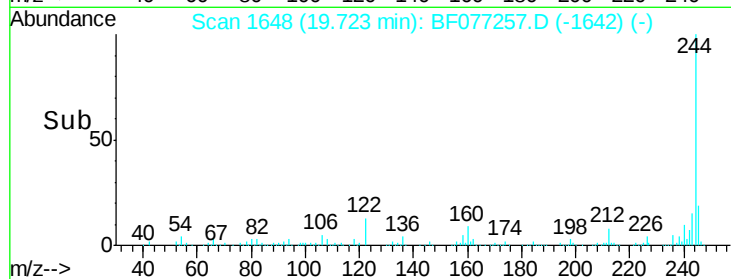
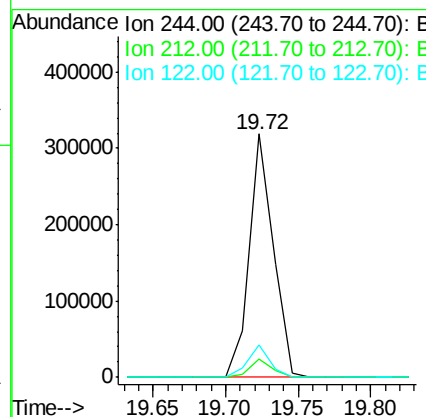
PB81702BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 366566 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.7   | 6.3   | 9.5    |
| 122       | 13.4  | 10.1  | 15.1   |

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#79

Butylbenzylphthalate

Concen: 37.42 ng

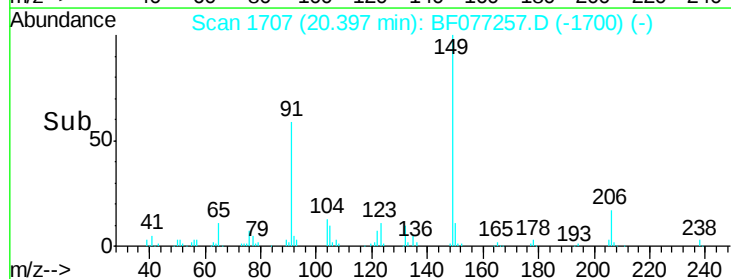
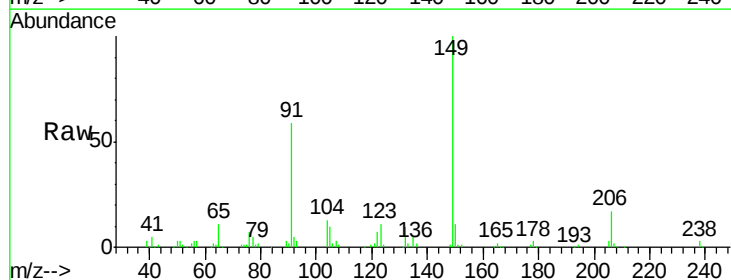
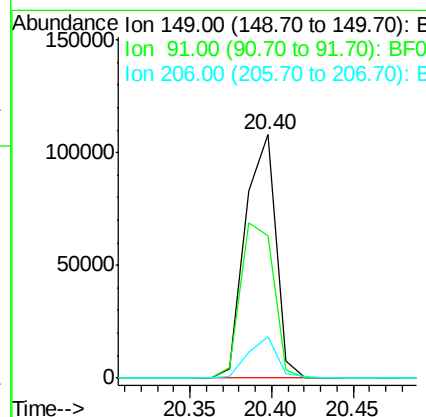
RT: 20.40 min Scan# 1707

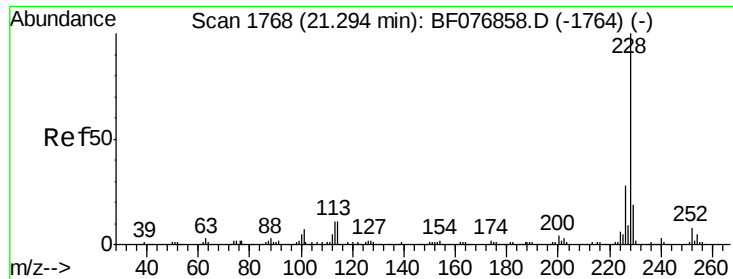
Delta R.T. -0.02 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 139152 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 58.7  | 50.6  | 76.0   |
| 206       | 17.1  | 12.8  | 19.2   |





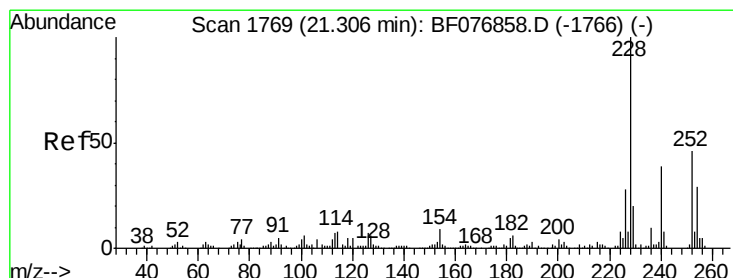
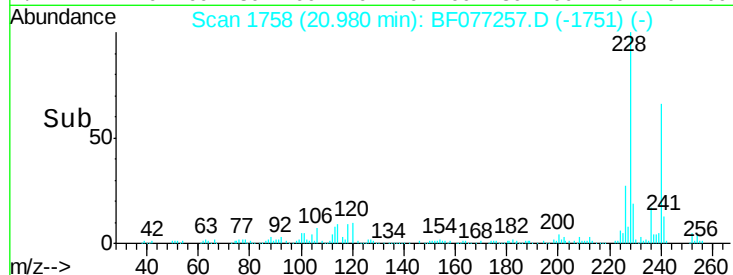
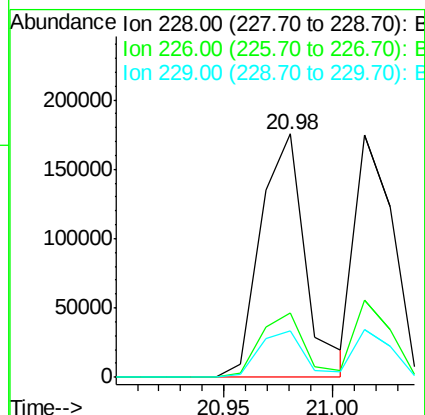
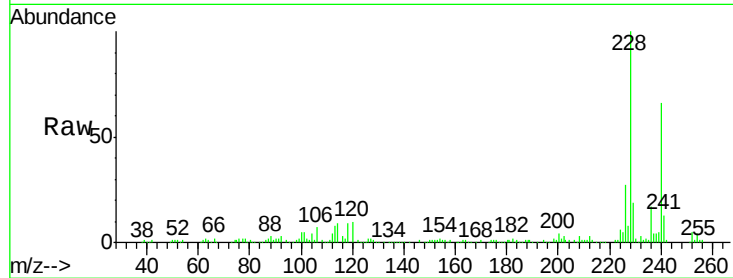
#80  
Benzo(a)anthracene  
Concen: 33.58 ng  
RT: 20.98 min Scan# 1758  
Delta R.T. -0.02 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 252468 |       |       |
| 226     | 26.6  | 22.1   | 33.1  |       |
| 229     | 19.3  | 15.5   | 23.3  |       |

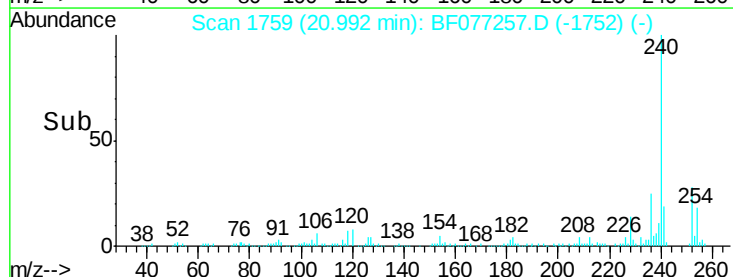
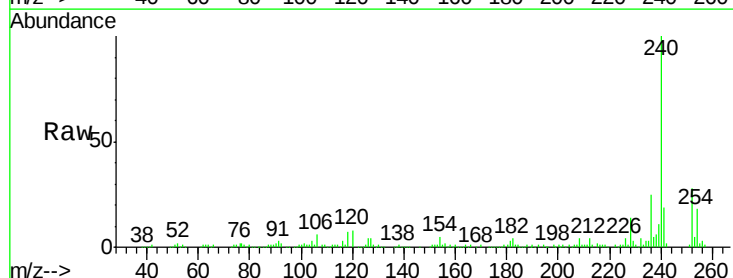
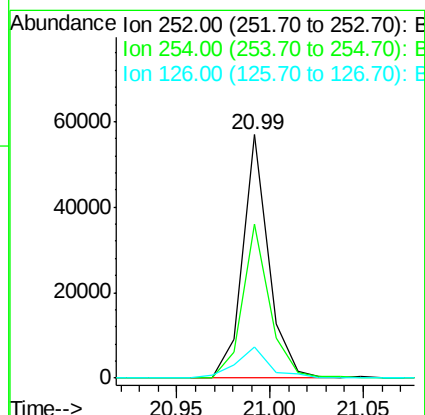
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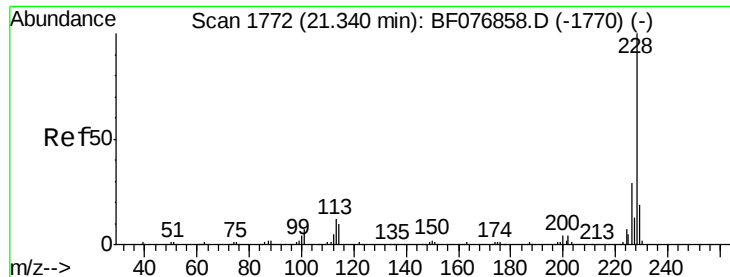
apatel  
2/12/2015 4:13:30 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 23.25 ng  
RT: 20.99 min Scan# 1759  
Delta R.T. -0.02 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 55539 |       |       |
| 254     | 63.0  | 50.2  | 75.4  |       |
| 126     | 12.7  | 11.5  | 17.3  |       |





#82

Chrysene

Concen: 30.68 ng

RT: 21.01 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

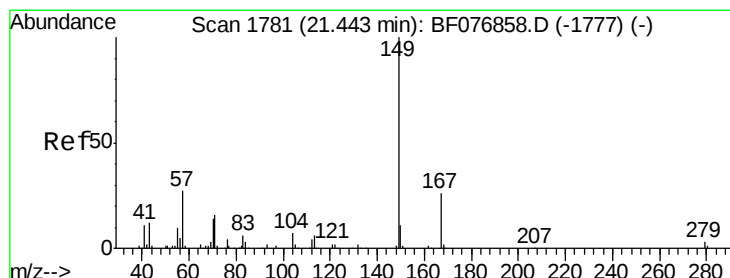
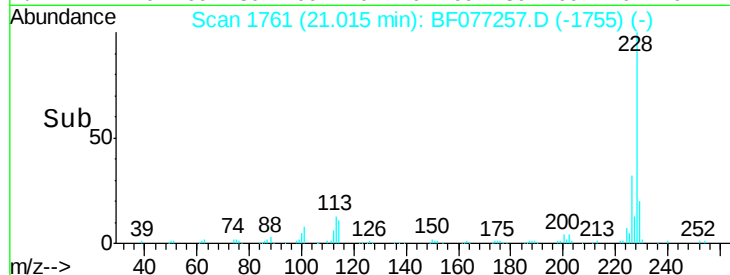
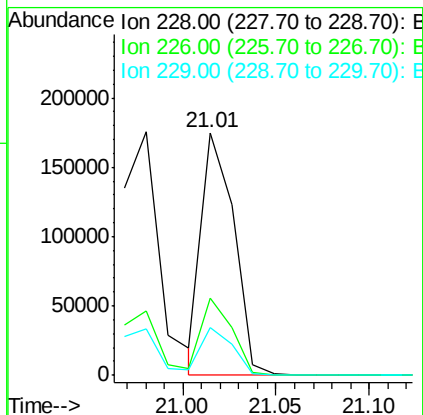
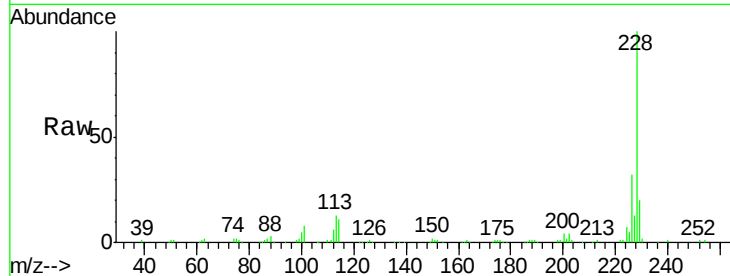
ClientSampleId :

PB81702BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 210326 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.8  | 23.4  | 35.0   |
| 229       | 19.6  | 15.4  | 23.0   |

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#83

Bis(2-ethylhexyl)phthalate

Concen: 39.14 ng

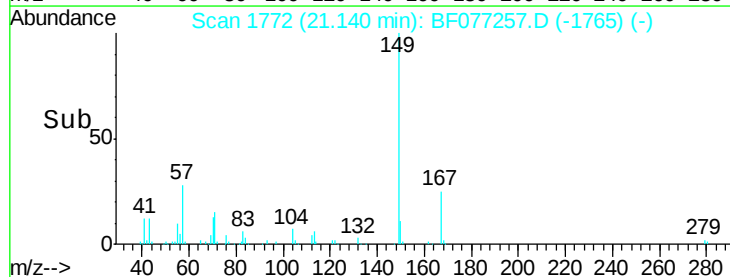
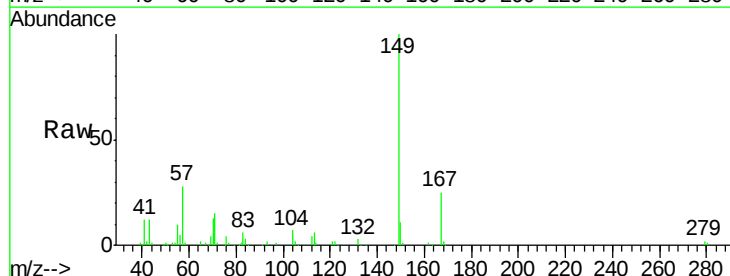
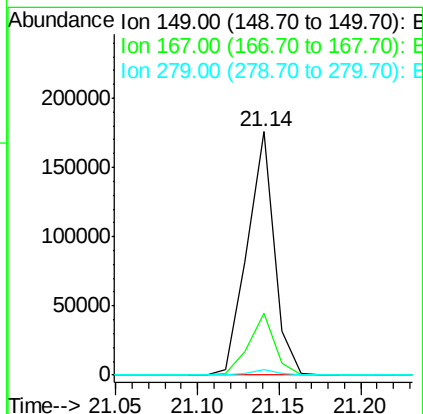
RT: 21.14 min Scan# 1772

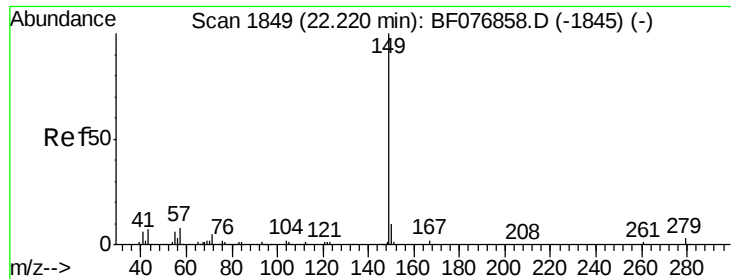
Delta R.T. -0.02 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 201421 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.2  | 20.6  | 30.8   |
| 279       | 2.5   | 2.2   | 3.2    |





#84

Di-n-octyl phthalate

Concen: 38.08 ng

RT: 21.92 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

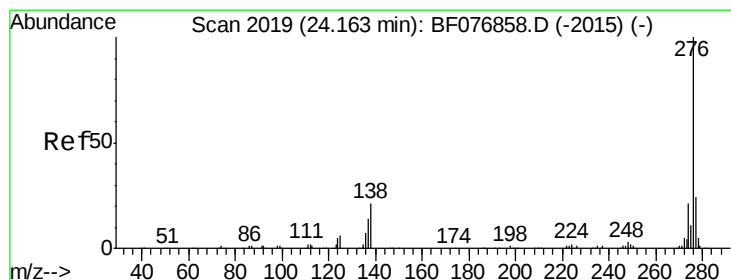
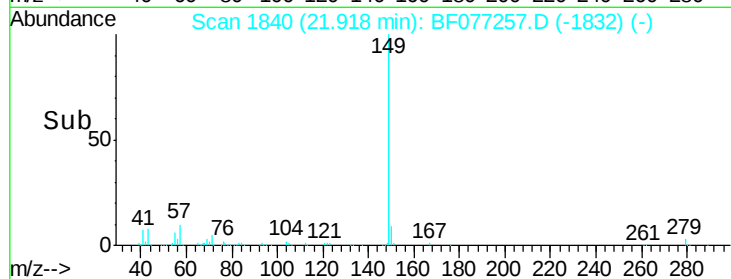
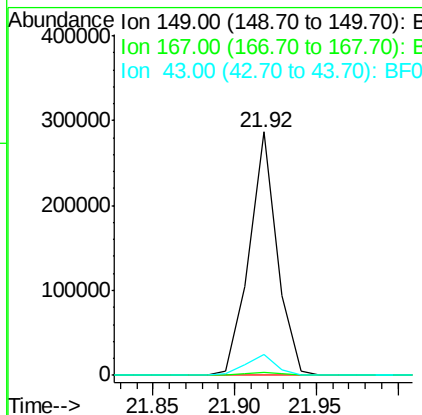
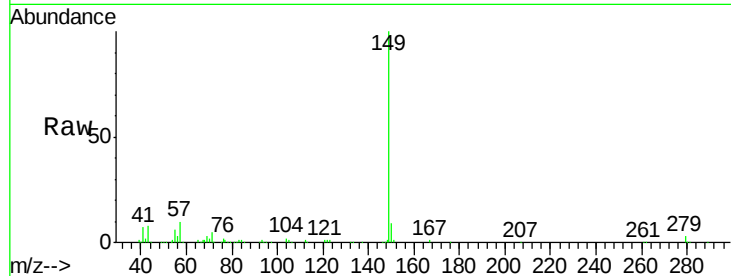
ClientSampleId :

PB81702BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 340037 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.1   | 1.7    |
| 43        | 9.0   | 6.6   | 10.0   |

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#85

Indeno(1,2,3-cd)pyrene

Concen: 31.09 ng m

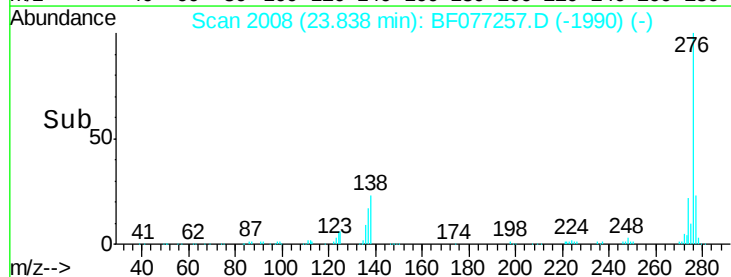
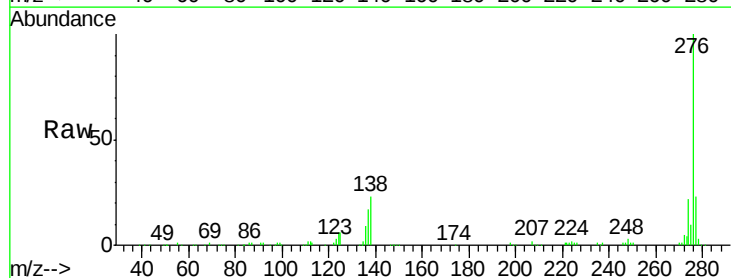
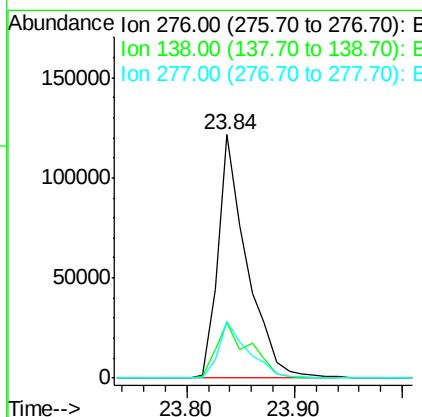
RT: 23.84 min Scan# 2008

Delta R.T. 0.10 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 225862 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 0.0   | 14.6  | 22.0#  |
| 277       | 0.0   | 14.8  | 22.2#  |





#86

Perylene-d12

Concen: 40.00 ng

RT: 22.67 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA\_F

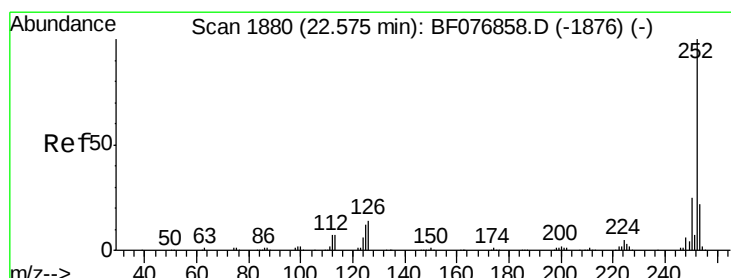
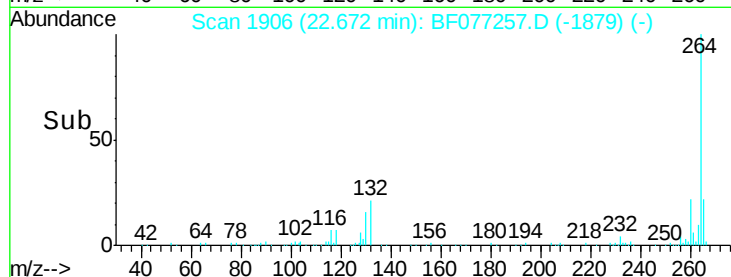
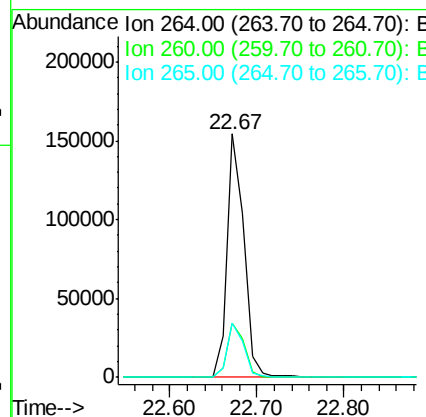
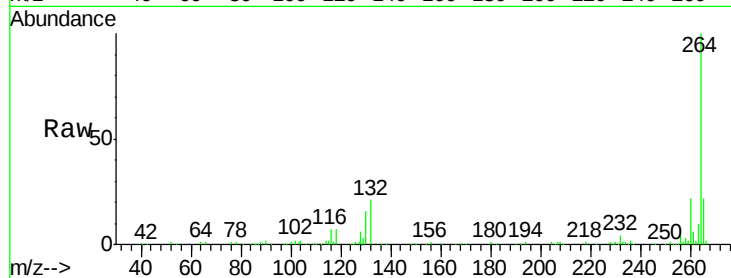
ClientSampleId :

PB81702BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 208610 |       |       |
| 260     | 22.4  | 19.0   | 28.4  |       |
| 265     | 22.2  | 18.1   | 27.1  |       |

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#87

Benzo(b)fluoranthene

Concen: 31.47 ng

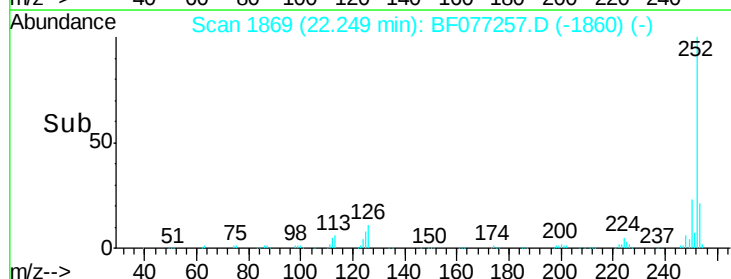
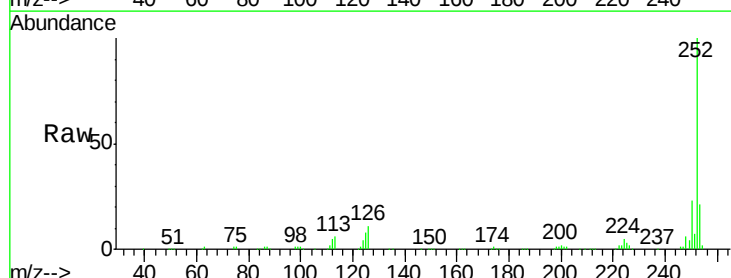
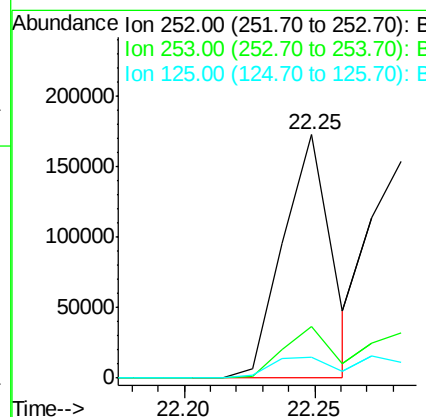
RT: 22.25 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 221098 |       |       |
| 253     | 21.2  | 17.5   | 26.3  |       |
| 125     | 8.5   | 9.4    | 14.0  |       |





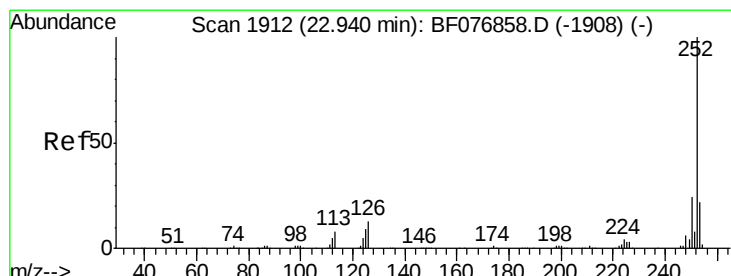
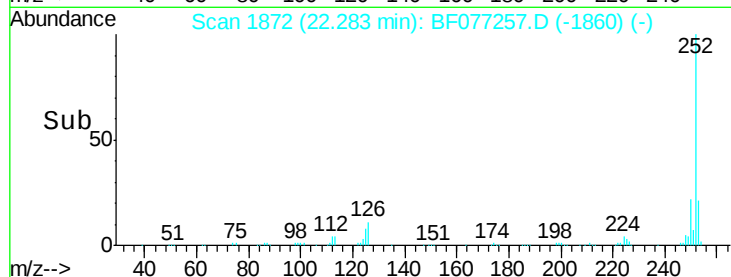
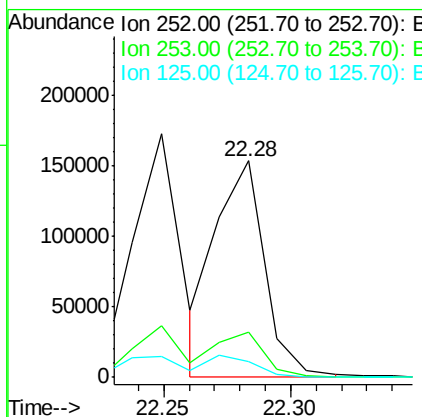
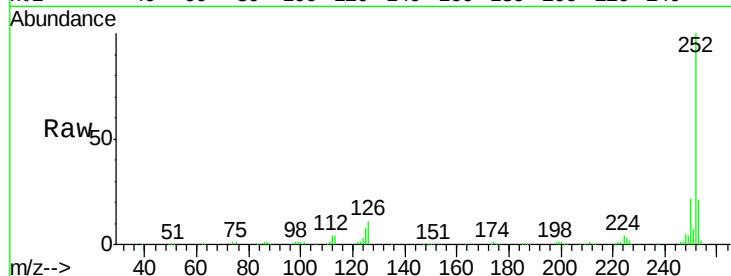
#88  
Benzo(k)fluoranthene  
Concen: 33.67 ng m  
RT: 22.28 min Scan# 1872  
Delta R.T. 0.03 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 17.2  | 25.8  |
| 125     | 7.6   | 7.1   | 10.7  |

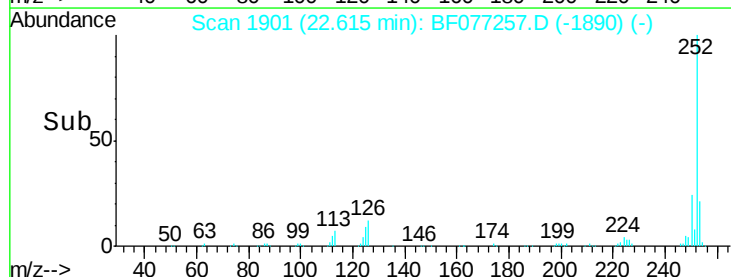
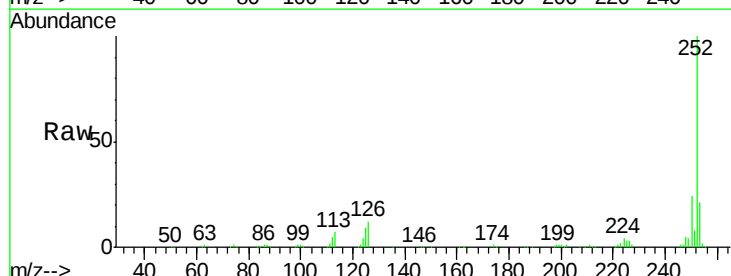
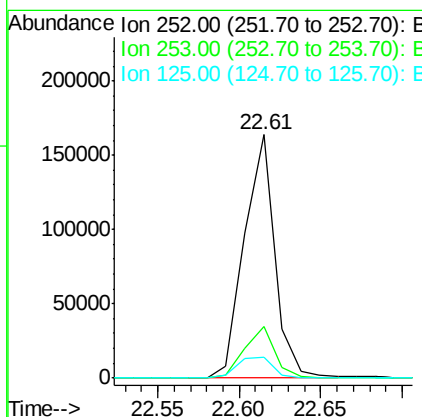
Manual Integrations  
APPROVED

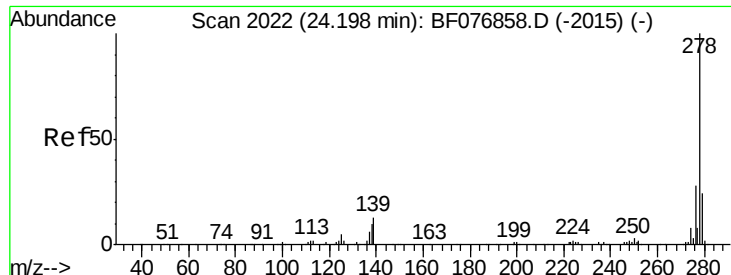
apatel  
2/12/2015 4:13:30 PM



#89  
Benzo(a)pyrene  
Concen: 34.42 ng  
RT: 22.61 min Scan# 1901  
Delta R.T. 0.02 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.9  | 26.9  |
| 125     | 8.8   | 7.2   | 10.8  |





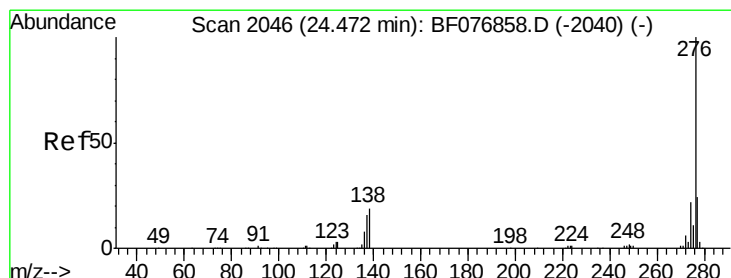
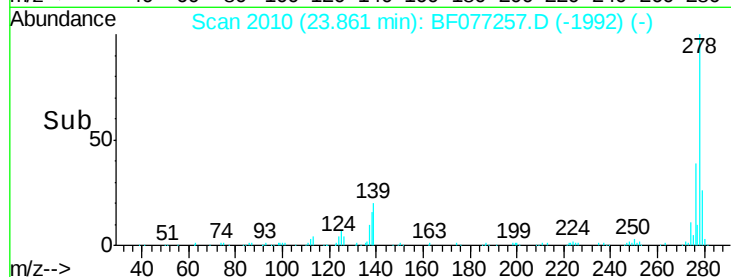
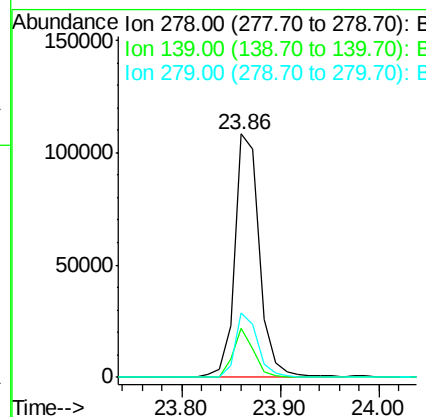
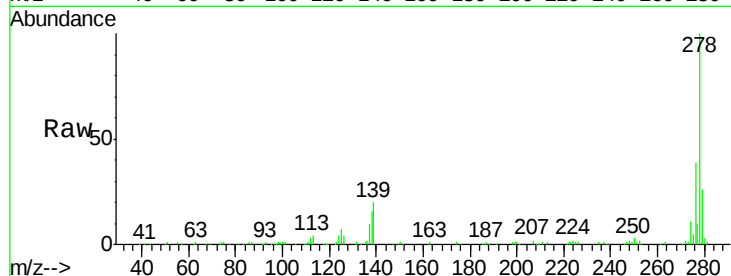
#90  
Dibenzo(a,h)anthracene  
Concen: 33.43 ng m  
RT: 23.86 min Scan# 2010  
Delta R.T. 0.10 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB81702BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.3  | 10.5  | 15.7# |
| 279     | 26.3  | 19.3  | 28.9  |

Manual Integrations  
APPROVED

apatel  
2/12/2015 4:13:30 PM



#91  
Benzo(g,h,i)perylene  
Concen: 32.37 ng m  
RT: 24.11 min Scan# 2032  
Delta R.T. 0.11 min  
Lab File: BF077257.D  
Acq: 11 Feb 2015 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 19.5  | 29.3  |
| 138     | 22.6  | 15.0  | 22.6# |

