

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\  
 Data File : BF078609.D  
 Acq On : 17 Apr 2015 17:03  
 Operator : TP/IZ  
 Sample : PB82843BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

Manual Integrations  
 APPROVED

apatel  
 4/20/2015 3:56:43 PM

Quant Time: Apr 18 05:23:49 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 18 05:04:14 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 46831    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 191104   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.41 | 164  | 100452   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.22 | 188  | 201057   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.46 | 240  | 215596   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.17 | 264  | 216217   | 20.00 | ng    | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 4.90  | 112  | 263189   | 92.66  | ng    | 0.00     |
| 7) Phenol-d6                | 6.28  | 99   | 332510   | 93.41  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 196741   | 62.40  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.38 | 330  | 91916    | 110.33 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.60  | 172  | 416594   | 59.28  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.21 | 244  | 520605   | 54.56  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 1.48 | 88   | 28378m   | 22.09 | ng    |        |
| 3) Pyridine                    | 2.01 | 79   | 87179    | 25.91 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 1.96 | 42   | 35833m   | 27.67 | ng    |        |
| 6) Aniline                     | 6.26 | 93   | 87078    | 17.25 | ng    | # 87   |
| 8) 2-Chlorophenol              | 6.41 | 128  | 97760    | 29.11 | ng    | 92     |
| 9) Benzaldehyde                | 6.11 | 77   | 16647    | 7.06  | ng    | 99     |
| 10) Phenol                     | 6.30 | 94   | 118173   | 27.71 | ng    | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.39 | 93   | 86194    | 28.10 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.59 | 146  | 101735   | 27.58 | ng    | # 92   |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146  | 102280   | 27.54 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 6.88 | 146  | 96730    | 27.78 | ng    | 95     |
| 15) Benzyl Alcohol             | 6.88 | 79   | 78161    | 31.25 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45   | 116546   | 28.49 | ng    | 82     |
| 17) 2-Methylphenol             | 7.05 | 107  | 78000    | 29.91 | ng    | 96     |
| 18) Hexachloroethane           | 7.29 | 117  | 36010    | 28.76 | ng    | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70   | 68689    | 29.25 | ng    | 92     |
| 20) 3+4-Methylphenols          | 7.24 | 107  | 104777   | 30.12 | ng    | 98     |
| 22) Acetophenone               | 7.20 | 105  | 133717   | 30.03 | ng    | # 91   |
| 24) Nitrobenzene               | 7.40 | 77   | 98373    | 29.85 | ng    | 89     |
| 25) Isophorone                 | 7.71 | 82   | 175724   | 29.37 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139  | 47841    | 30.46 | ng    | # 79   |
| 27) 2,4-Dimethylphenol         | 7.90 | 122  | 87523    | 29.97 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.01 | 93   | 109127   | 28.44 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162  | 82023    | 30.87 | ng    | 89     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180  | 86861    | 28.51 | ng    | 98     |
| 31) Naphthalene                | 8.27 | 128  | 273513   | 27.50 | ng    | 99     |
| 32) Benzoic acid               | 8.04 | 122  | 50994    | 38.44 | ng    | 93     |
| 33) 4-Chloroaniline            | 8.38 | 127  | 73789    | 17.88 | ng    | 97     |
| 34) Hexachlorobutadiene        | 8.44 | 225  | 47591    | 28.45 | ng    | 99     |
| 35) Caprolactam                | 8.81 | 113  | 26509m   | 33.42 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 9.00 | 107  | 85924    | 32.05 | ng    | 93     |
| 37) 2-Methylnaphthalene        | 9.13 | 142  | 192085   | 28.44 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.35 | 216  | 84206    | 27.05 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 9.32 | 237  | 72048    | 56.01 | ng    | 97     |

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Manual Integrations  
 APPROVED

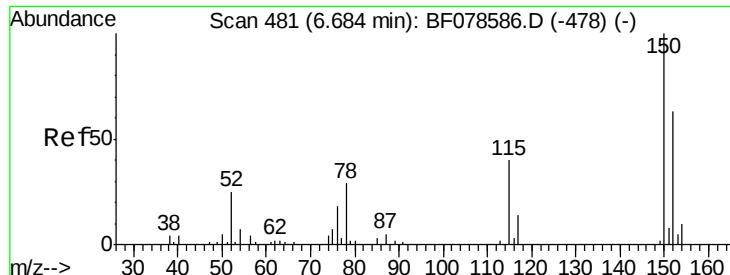
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 4/20/2015 3:56:43 PM

Quant Time: Apr 18 05:23:49 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 18 05:04:14 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.51  | 196  | 56963    | 29.02 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.55  | 196  | 62046    | 30.26 | nq #  | 89       |
| 45) 1,1'-Biphenyl              | 9.72  | 154  | 228270   | 27.78 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.74  | 162  | 181016   | 28.00 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.87  | 65   | 49164    | 30.74 | nq    | 93       |
| 48) Acenaphthylene             | 10.23 | 152  | 289127   | 27.70 | nq    | 99       |
| 49) Dimethylphthalate          | 10.12 | 163  | 225109   | 29.83 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.19 | 165  | 48712    | 31.37 | nq #  | 76       |
| 51) Acenaphthene               | 10.44 | 154  | 169135   | 28.78 | nq    | 100      |
| 52) 3-Nitroaniline             | 10.39 | 138  | 40000    | 22.66 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 10.52 | 184  | 39101    | 69.42 | nq #  | 79       |
| 54) Dibenzofuran               | 10.66 | 168  | 274753   | 30.61 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.64 | 139  | 88929m   | 68.81 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 10.68 | 165  | 68630    | 34.13 | nq    | 96       |
| 57) Fluorene                   | 11.08 | 166  | 224788   | 30.89 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.82 | 232  | 47654    | 31.34 | nq    | 98       |
| 59) Diethylphthalate           | 10.99 | 149  | 230630   | 31.69 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 11.10 | 204  | 97061    | 28.99 | nq #  | 77       |
| 61) 4-Nitroaniline             | 11.13 | 138  | 47256    | 26.48 | nq    | 90       |
| 62) Azobenzene                 | 11.29 | 77   | 229311   | 34.53 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 11.18 | 198  | 30497    | 33.67 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 11.26 | 169  | 196162   | 28.21 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.69 | 248  | 61292    | 28.79 | nq    | 93       |
| 67) Hexachlorobenzene          | 11.75 | 284  | 67042    | 28.73 | nq #  | 93       |
| 68) Atrazine                   | 11.93 | 200  | 63820    | 31.68 | nq    | 94       |
| 69) Pentachlorophenol          | 12.00 | 266  | 60776    | 60.80 | nq    | 99       |
| 70) Phenanthrene               | 12.25 | 178  | 333218   | 28.65 | nq    | 100      |
| 71) Anthracene                 | 12.31 | 178  | 327322   | 28.56 | nq    | 99       |
| 72) Carbazole                  | 12.53 | 167  | 318678   | 29.67 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.01 | 149  | 413443   | 33.98 | nq    | 100      |
| 74) Fluoranthene               | 13.70 | 202  | 366361   | 29.87 | nq    | 96       |
| 76) Benzidine                  | 13.91 | 184  | 192859   | 23.23 | nq    | 98       |
| 77) Pyrene                     | 13.98 | 202  | 385631   | 28.49 | nq    | 98       |
| 79) Butylbenzylphthalate       | 14.83 | 149  | 180648   | 35.02 | nq    | 94       |
| 80) Benzo(a)anthracene         | 15.45 | 228  | 368442   | 28.72 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.45 | 252  | 88131    | 20.51 | nq #  | 99       |
| 82) Chrysene                   | 15.50 | 228  | 347331   | 28.82 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.57 | 149  | 280004   | 34.61 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 16.34 | 149  | 485472   | 36.54 | nq #  | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 18.35 | 276  | 411495   | 30.09 | nq #  | 87       |
| 87) Benzo(b)fluoranthene       | 16.73 | 252  | 430747   | 32.23 | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 16.77 | 252  | 293930m  | 24.75 | nq    |          |
| 89) Benzo(a)pyrene             | 17.11 | 252  | 361351   | 30.98 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 18.38 | 278  | 334604   | 28.66 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 18.69 | 276  | 333565   | 28.49 | nq    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

ClientSampleId :

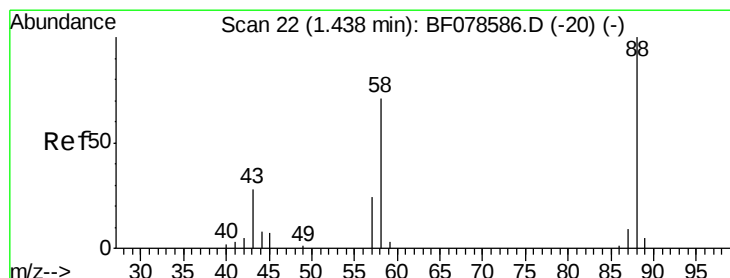
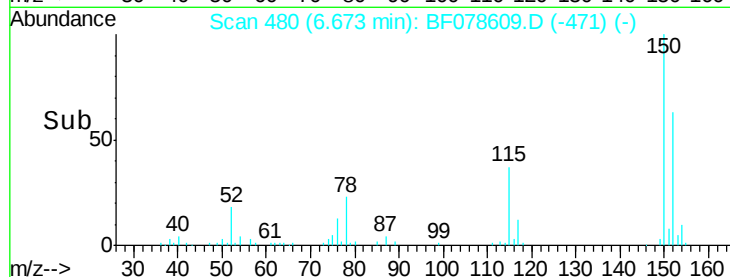
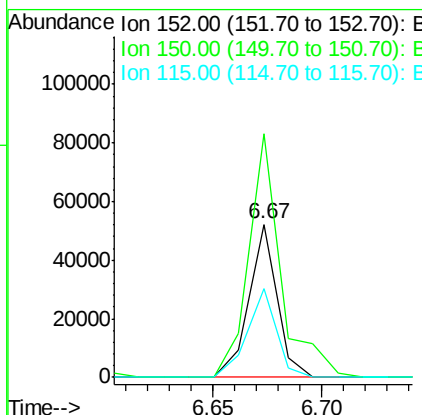
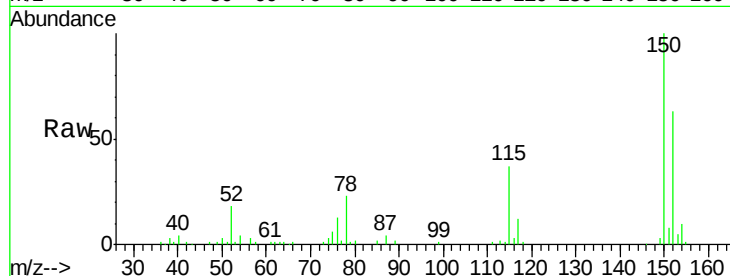
PB82843BS

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.0 | 125.9 | 188.9 |
| 115     | 58.4  | 52.7  | 79.1  |



#2

1,4-Dioxane

Concen: 22.09 ng m

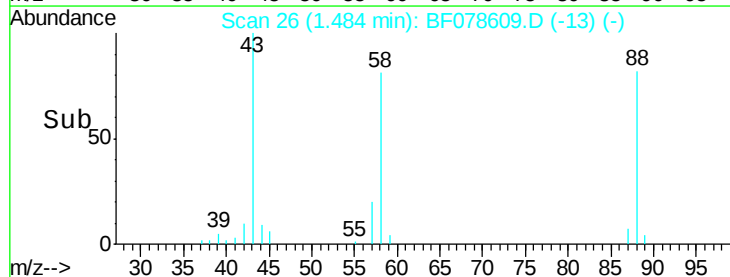
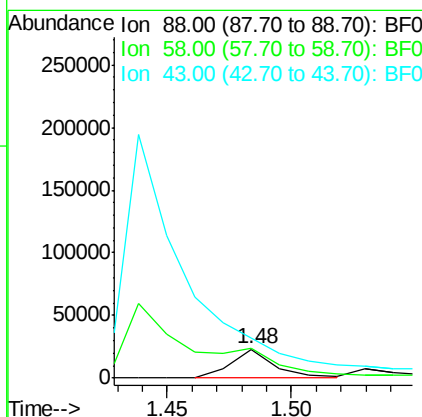
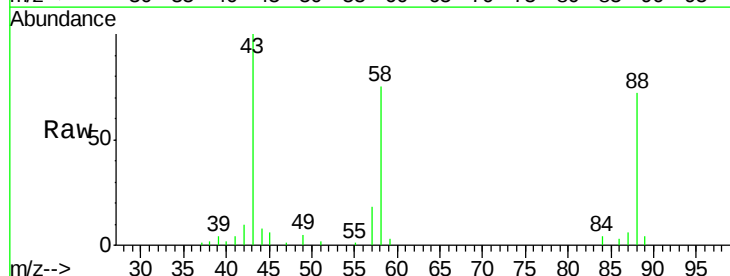
RT: 1.48 min Scan# 26

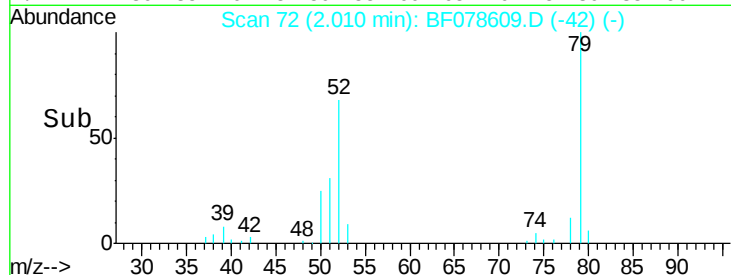
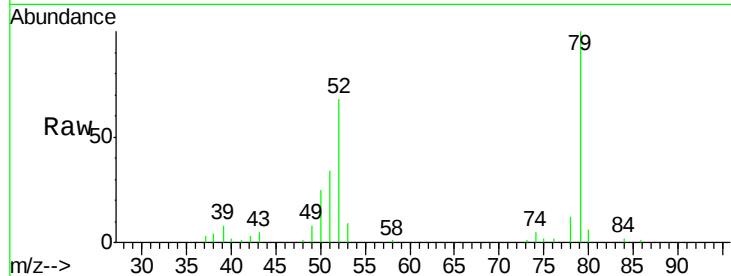
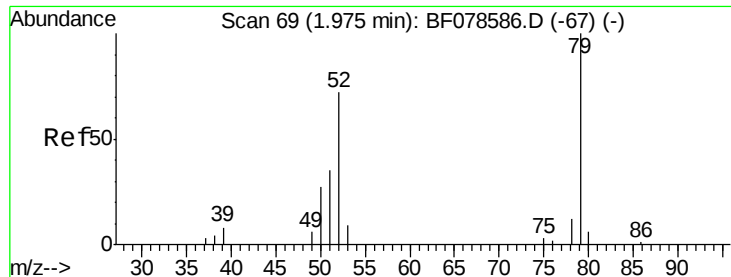
Delta R.T. 0.05 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 0.0   | 56.9  | 85.3# |
| 43      | 0.0   | 21.4  | 32.2# |





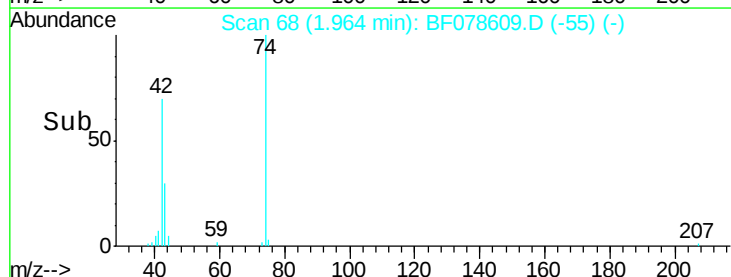
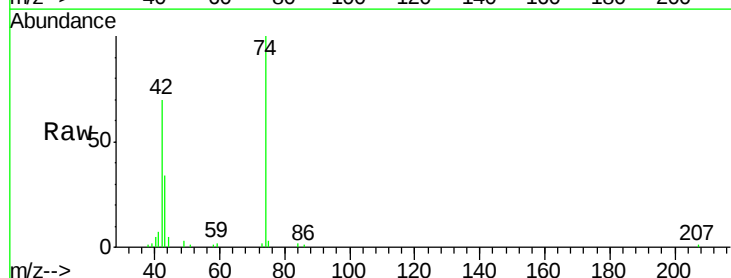
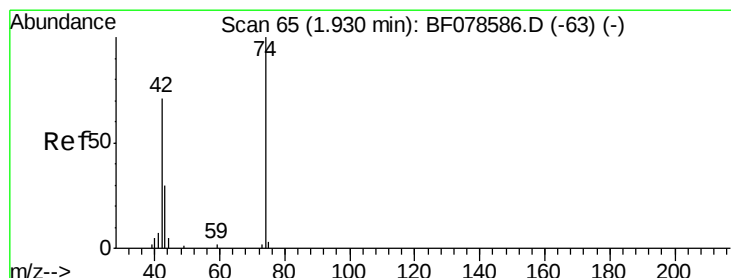
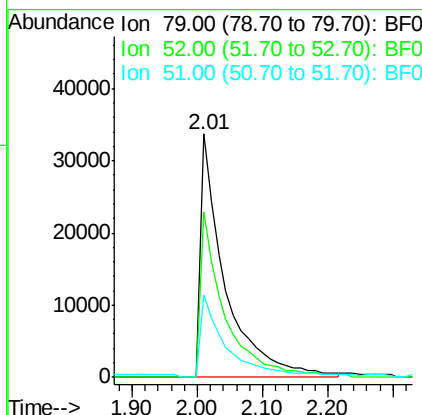
#3  
 Pvridine  
 Concen: 25.91 ng  
 RT: 2.01 min Scan# 72  
 Delta R.T. 0.05 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 79      | 79  | 100   |       |       |
| 52      | 52  | 67.8  | 52.4  | 78.6  |
| 51      | 51  | 33.6  | 24.9  | 37.3  |

Instrument :  
 BNA\_F  
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 PB82843BS

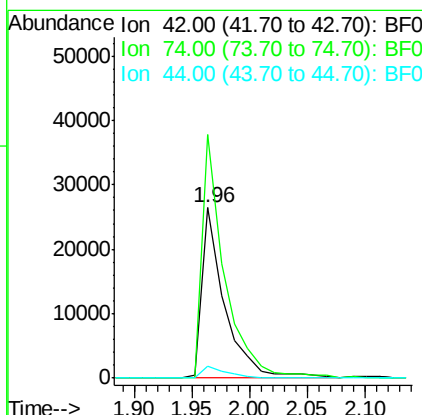
Manual Integrations  
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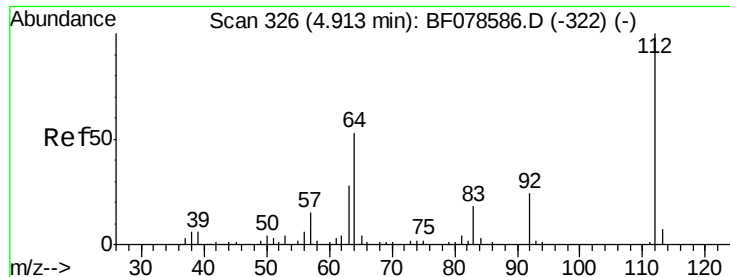
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#4  
 n-Nitrosodimethylamine  
 Concen: 27.67 ng m  
 RT: 1.96 min Scan# 68  
 Delta R.T. 0.05 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 42      | 42  | 100   |       |       |
| 74      | 74  | 143.2 | 118.7 | 178.1 |
| 44      | 44  | 7.3   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 92.66 ng

RT: 4.90 min Scan# 325

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

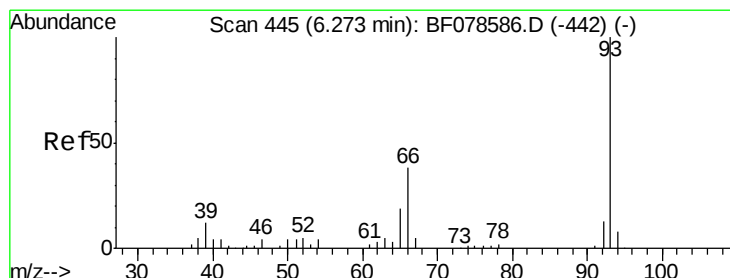
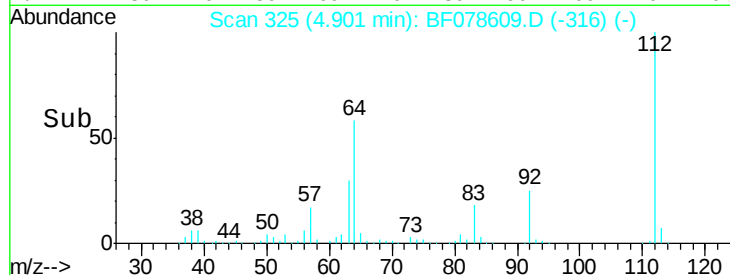
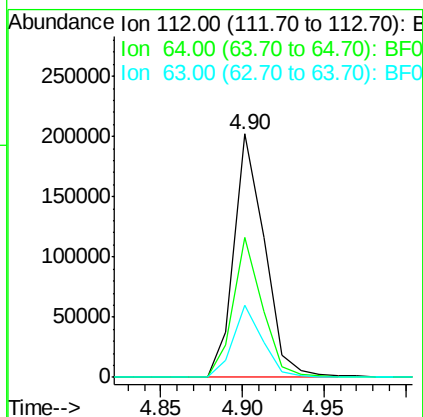
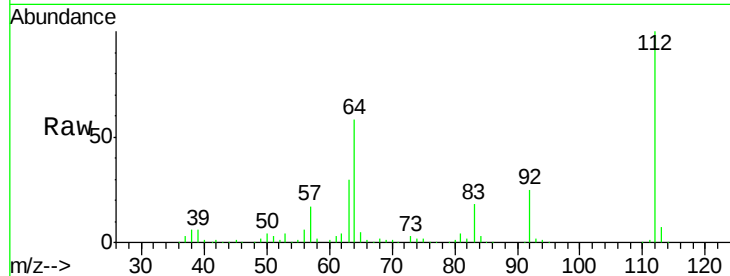
ClientSampleId :

PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 263189 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.7  | 39.9  | 59.9   |
| 63        | 29.8  | 20.2  | 30.4   |

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#6

Aniline

Concen: 17.25 ng

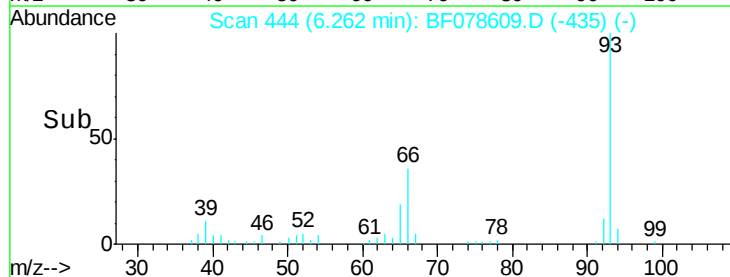
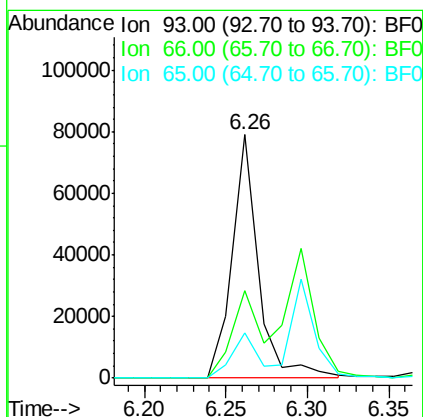
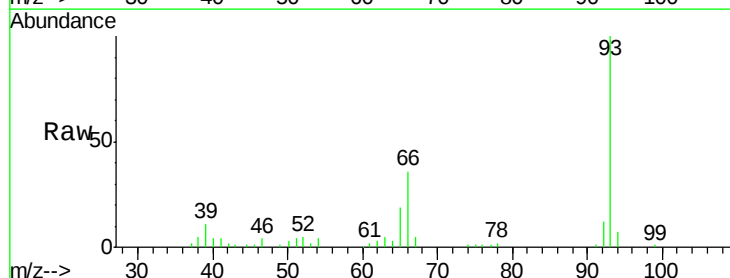
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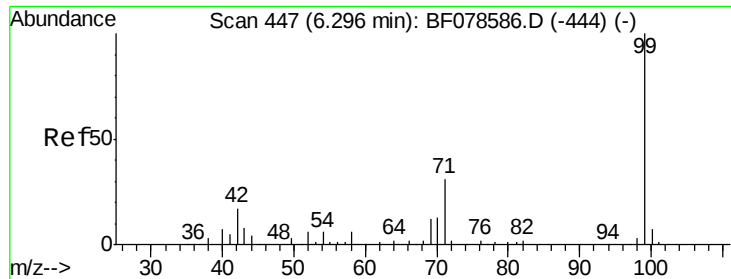
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 87078 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 36.0  | 38.0  | 57.0# |
| 65        | 18.5  | 16.3  | 24.5  |





#7

Phenol-d6

Concen: 93.41 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

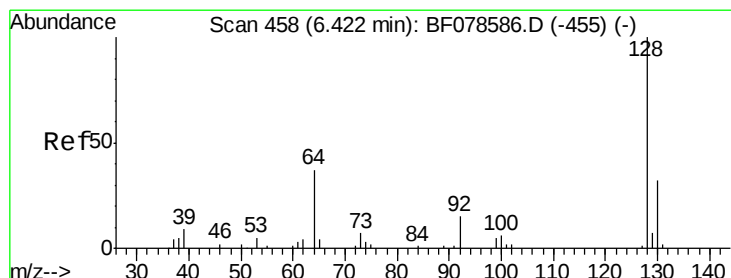
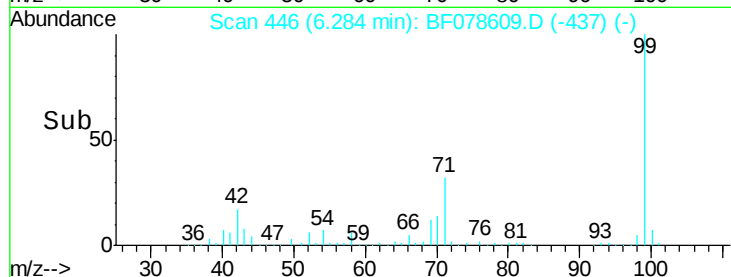
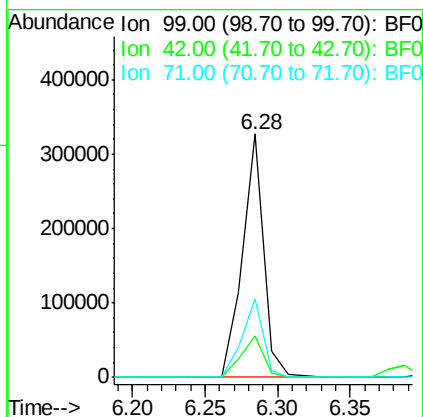
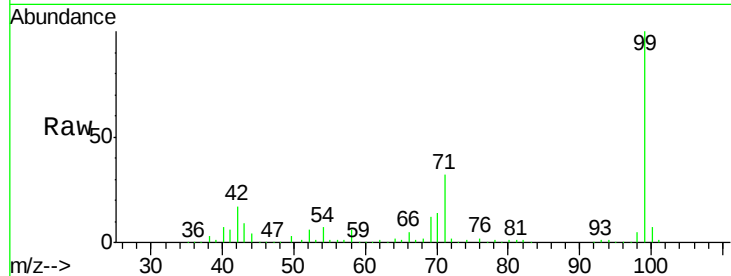
ClientSampleId :

PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 332510 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.0  | 14.8  | 22.2   |
| 71        | 32.1  | 26.6  | 39.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 29.11 ng

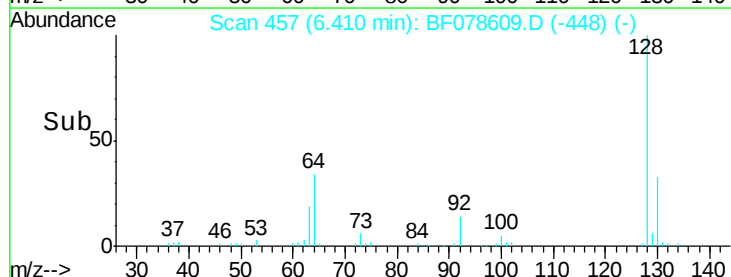
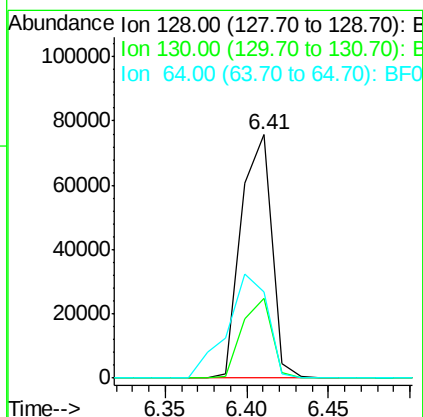
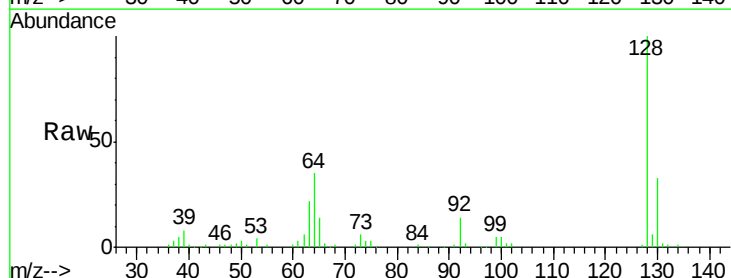
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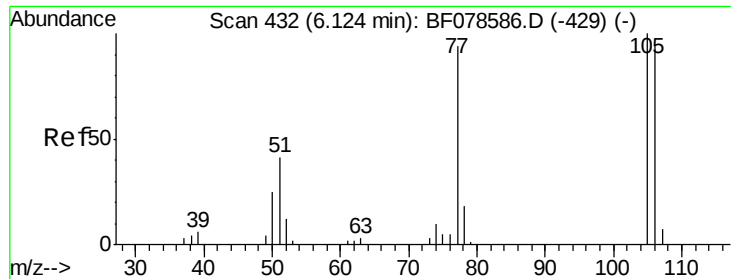
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 97760 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.0  | 12.3  | 52.3  |
| 64        | 35.2  | 23.8  | 63.8  |





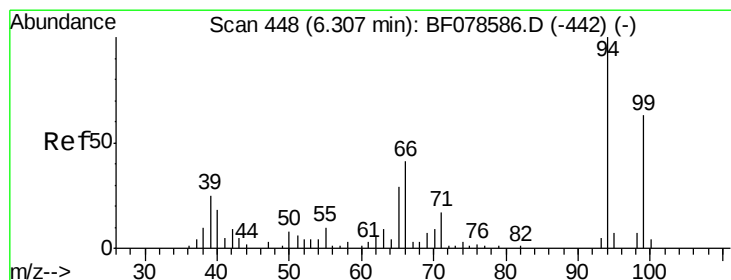
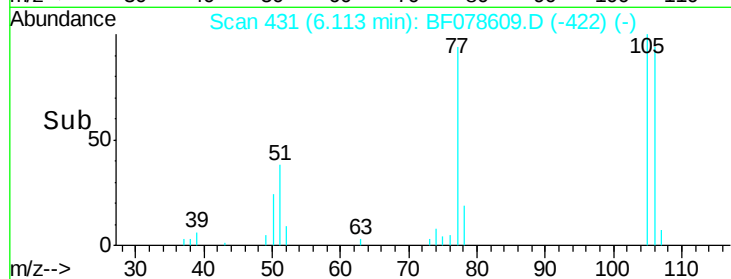
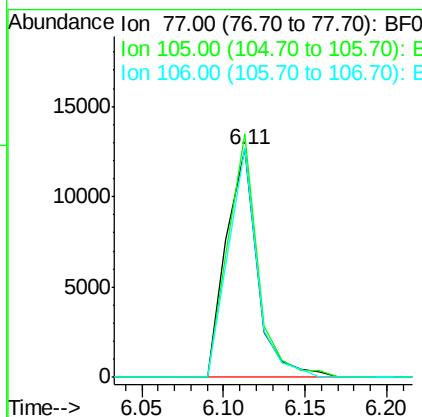
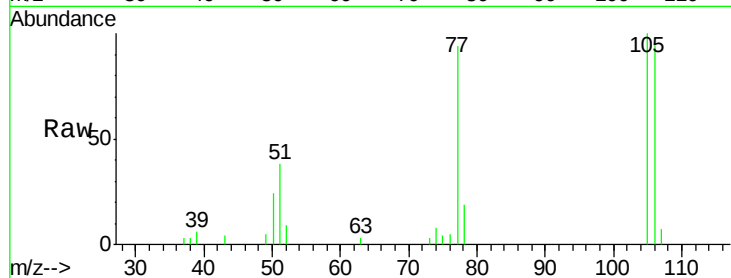
#9  
Benzaldehyde  
Concen: 7.06 ng  
RT: 6.11 min Scan# 431  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 106.9 | 85.4  | 125.4 |
| 106     | 100.7 | 80.8  | 120.8 |

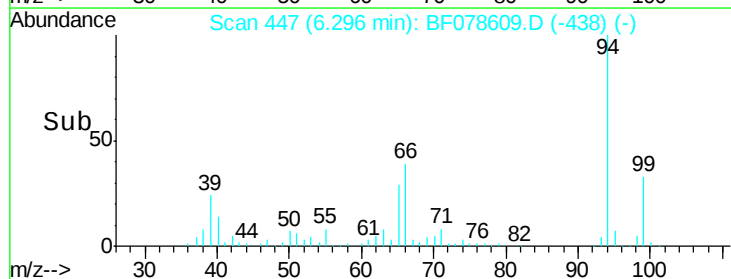
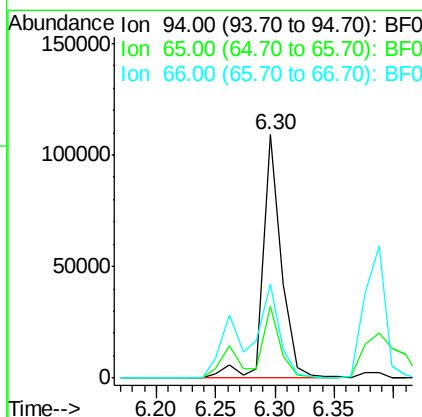
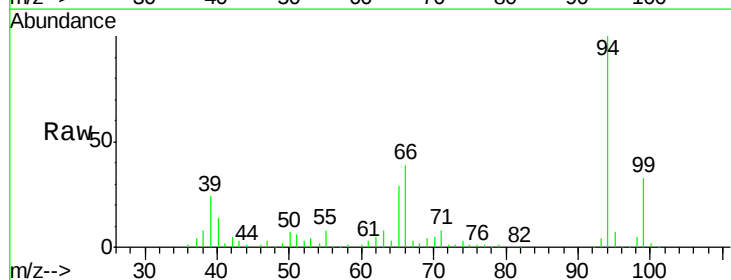
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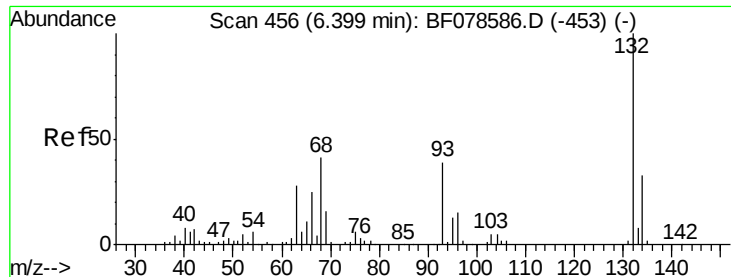
apatel  
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#10  
Phenol  
Concen: 27.71 ng  
RT: 6.30 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.4  | 4.9   | 44.9  |
| 66      | 38.7  | 13.8  | 53.8  |





#11

bis(2-Chloroethyl)ether

Concen: 28.10 ng

RT: 6.39 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

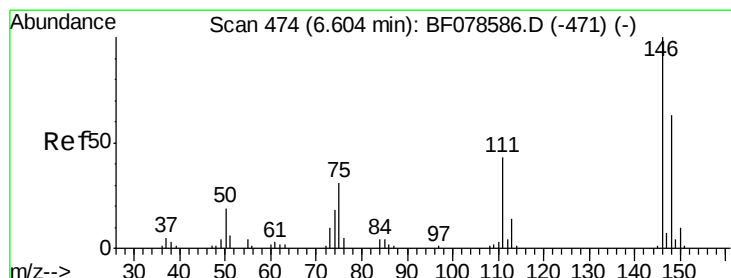
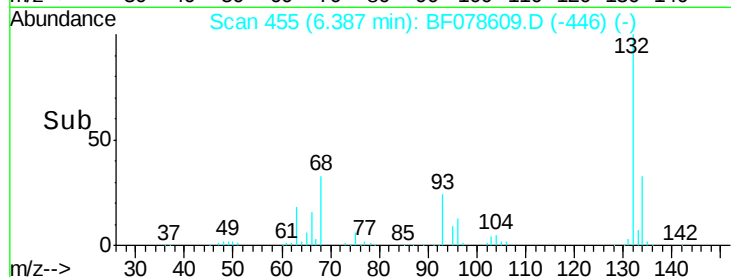
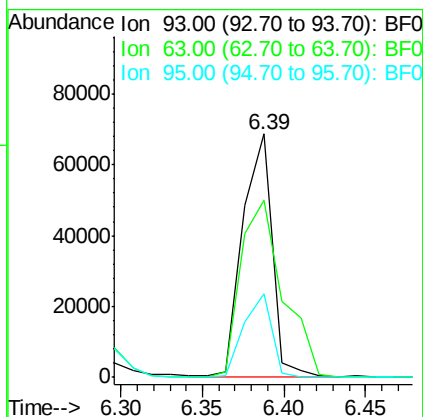
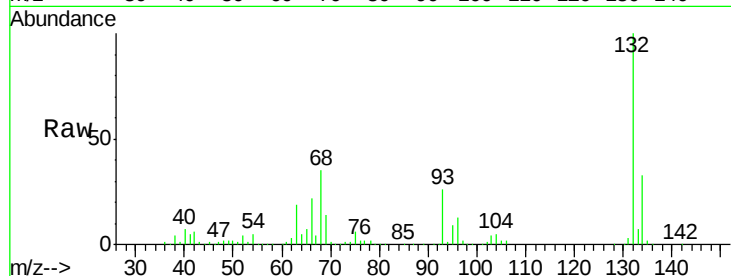
ClientSampleId :

PB82843BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 86194 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 72.5  | 54.6  | 94.6  |
| 95        | 34.4  | 13.6  | 53.6  |

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#12

1,3-Dichlorobenzene

Concen: 27.58 ng

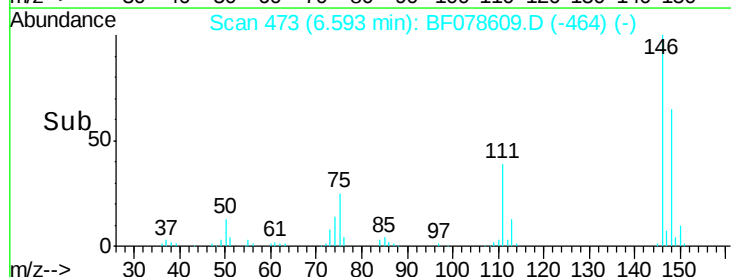
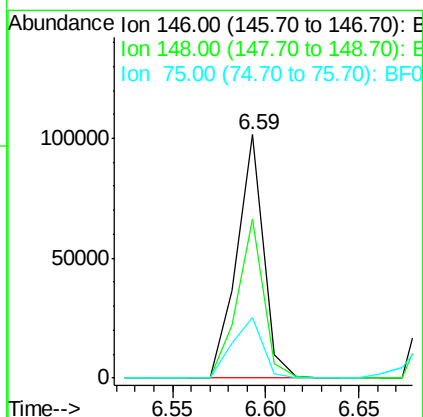
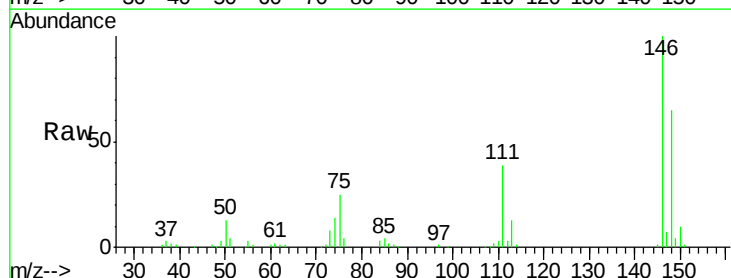
RT: 6.59 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 101735 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 49.1  | 73.7   |
| 75        | 25.1  | 26.6  | 40.0#  |





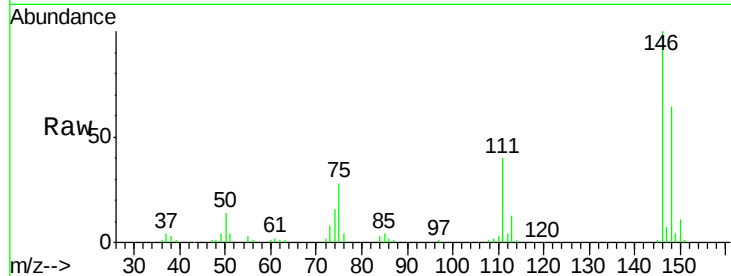
#13  
 1,4-Dichlorobenzene  
 Concen: 27.54 ng  
 RT: 6.70 min Scan# 482  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

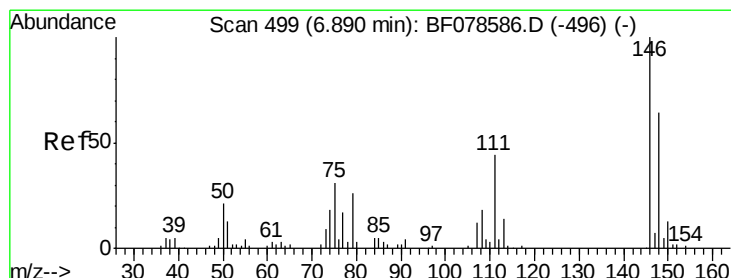
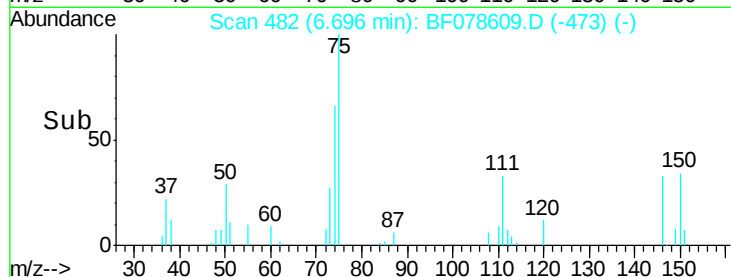
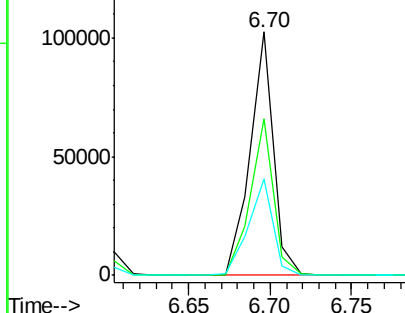
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.4  | 77.0  |
| 111     | 39.6  | 35.0  | 52.4  |

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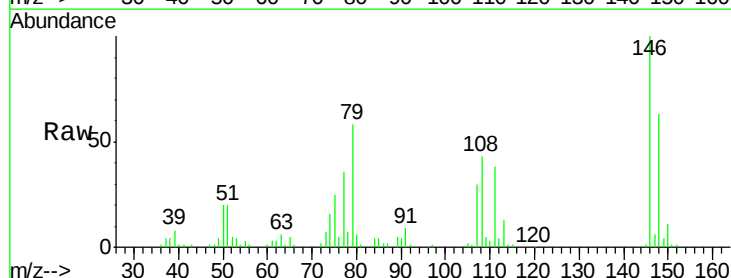


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

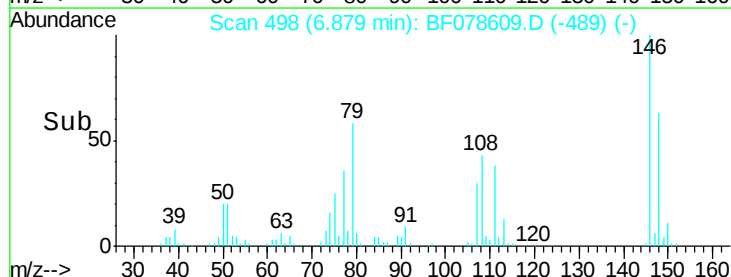
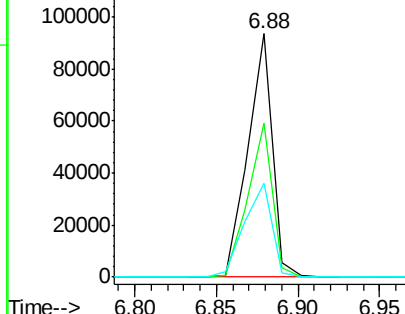


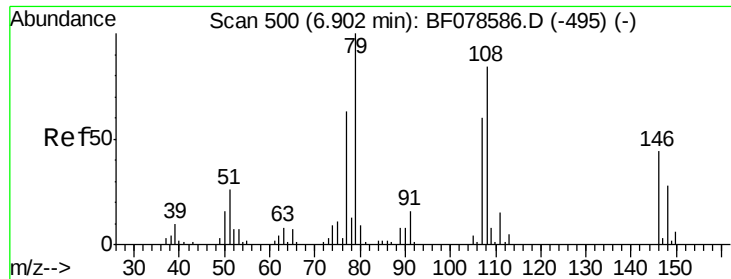
#14  
 1,2-Dichlorobenzene  
 Concen: 27.78 ng  
 RT: 6.88 min Scan# 498  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.2  | 75.4  |
| 111     | 38.4  | 36.1  | 54.1  |



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





#15

Benzyl Alcohol

Concen: 31.25 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

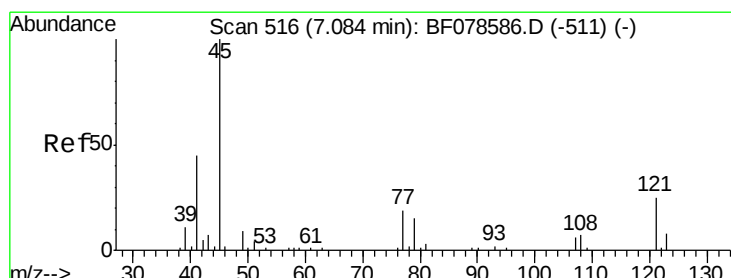
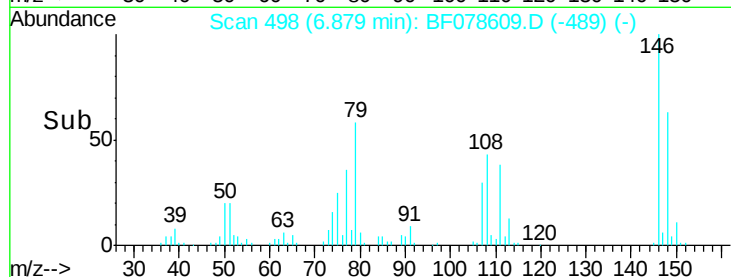
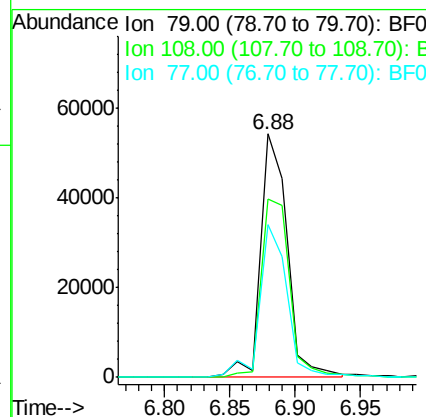
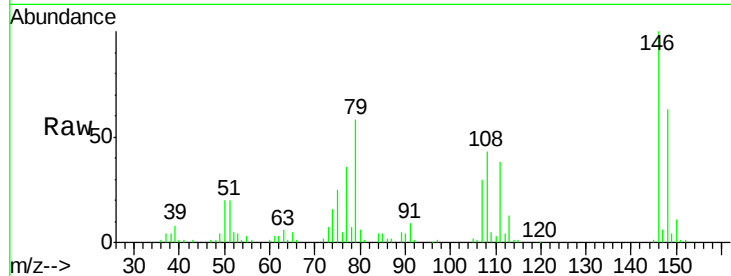
ClientSampled :

PB82843BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 78161 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 73.5  | 57.6  | 86.4  |
| 77        | 62.7  | 53.5  | 80.3  |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.49 ng

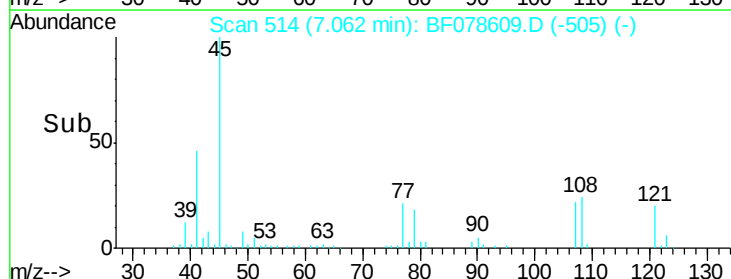
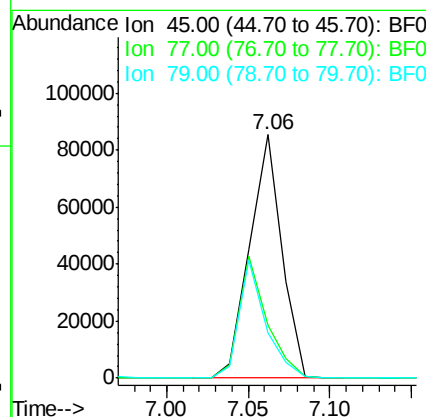
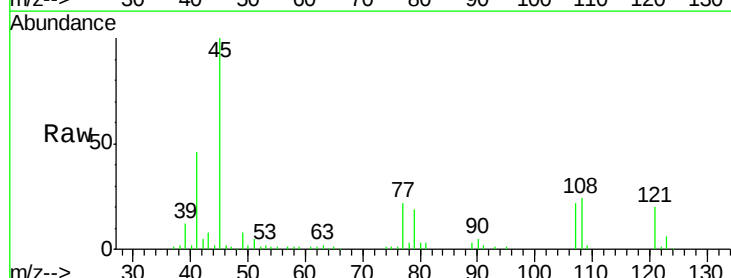
RT: 7.06 min Scan# 514

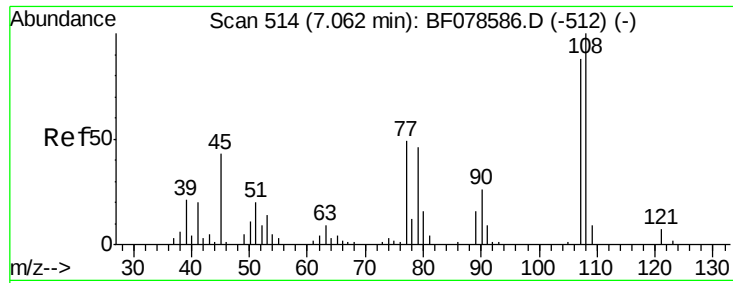
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 116546 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 21.8  | 0.0   | 34.5   |
| 79        | 18.7  | 0.0   | 31.9   |





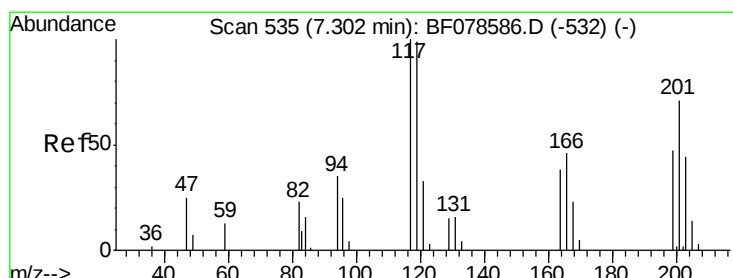
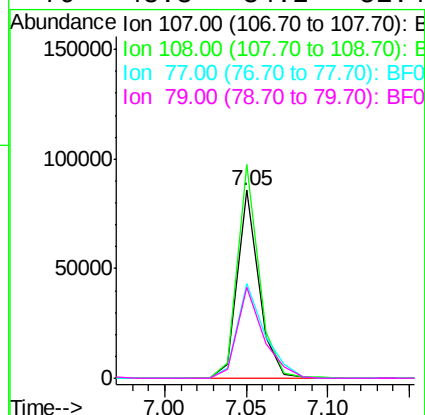
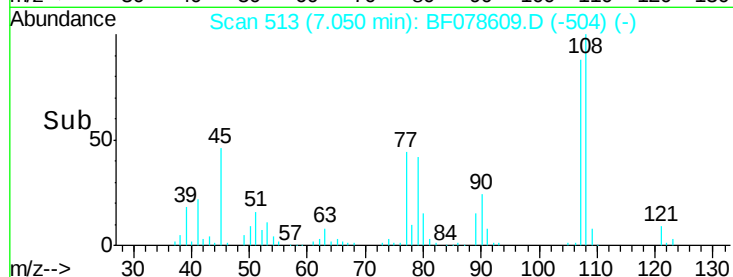
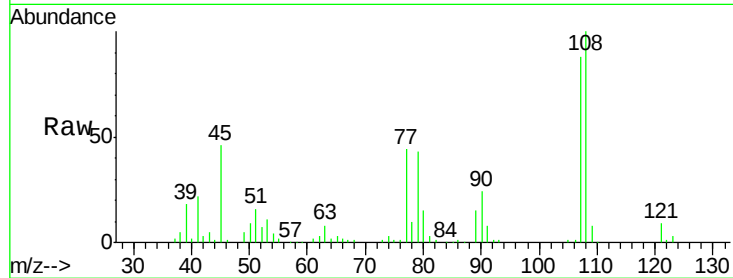
#17  
2-Methylphenol  
Concen: 29.91 ng  
RT: 7.05 min Scan# 513  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 78000 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.6 | 90.3  | 135.5 |
| 77        | 50.2  | 35.5  | 53.3  |
| 79        | 48.3  | 34.2  | 51.4  |

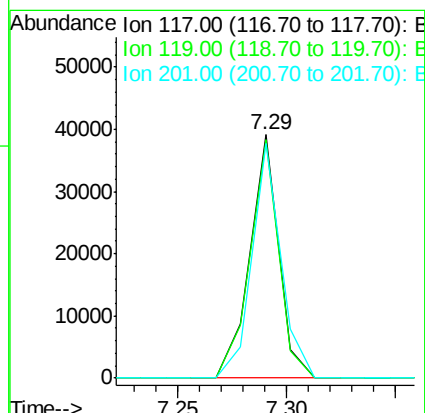
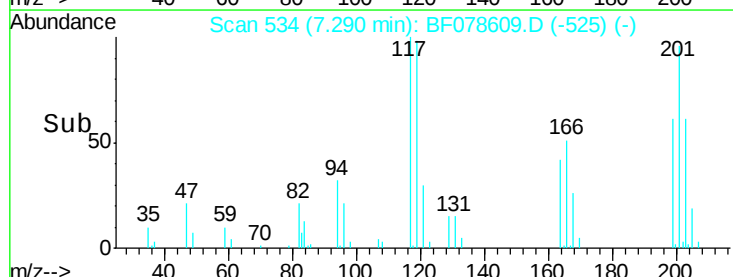
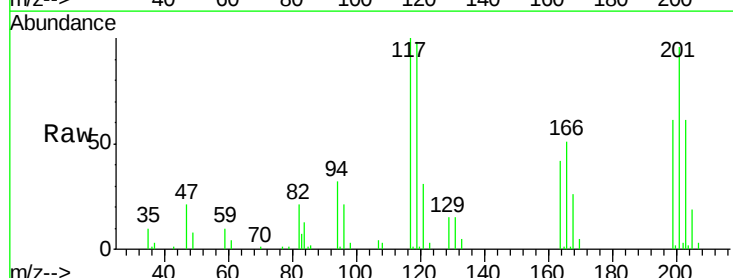
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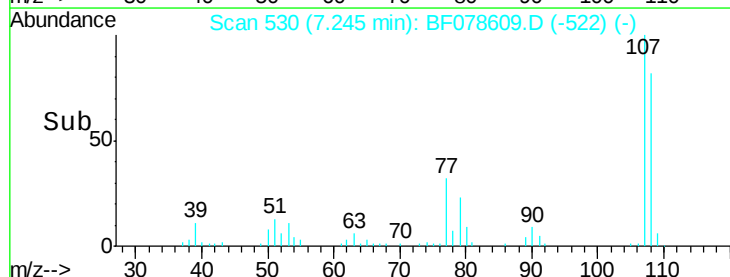
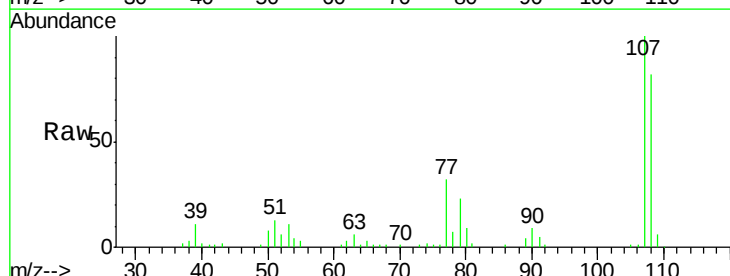
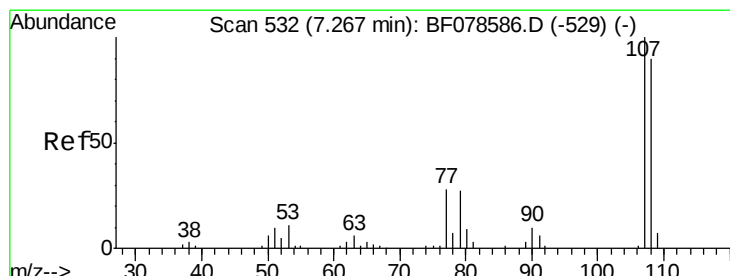
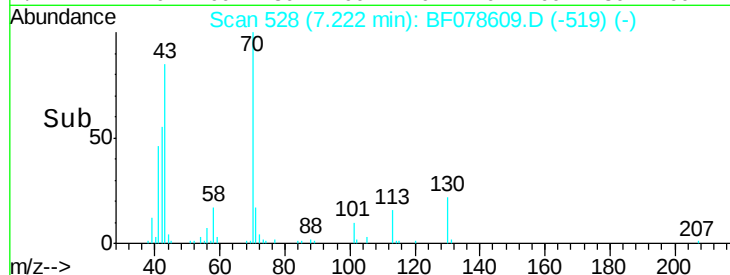
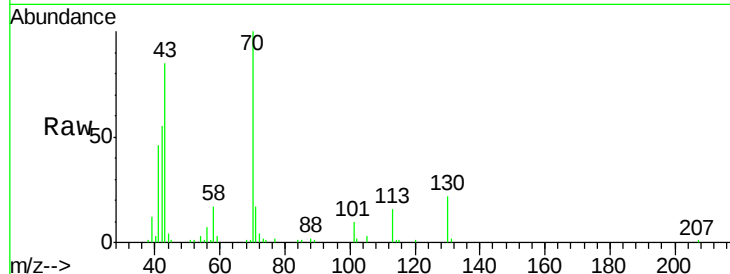
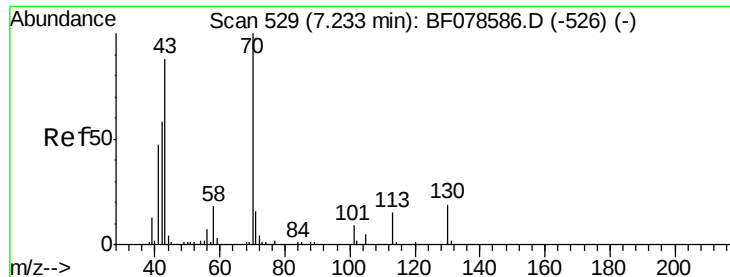
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#18  
Hexachloroethane  
Concen: 28.76 ng  
RT: 7.29 min Scan# 534  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 36010  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 98.1  | 77.0  | 115.6  |
| 201       | 96.2  | 98.1  | 147.1# |





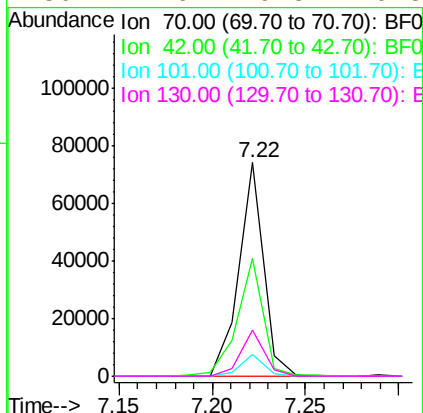
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.25 ng  
RT: 7.22 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       | 68689 |       |       |
| 42      | 55.4 | 38.9  | 58.3  |       |       |
| 101     | 10.0 | 8.3   | 12.5  |       |       |
| 130     | 21.6 | 19.8  | 29.8  |       |       |

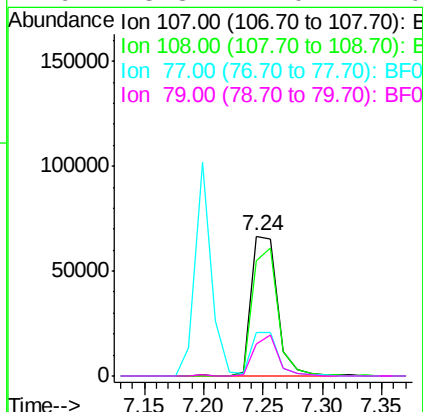
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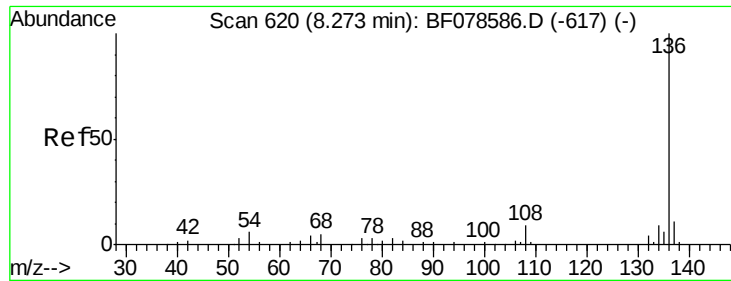
apatel  
4/20/2015 3:56:43 PM



#20  
3+4-Methylphenols  
Concen: 30.12 ng  
RT: 7.24 min Scan# 530  
Delta R.T. -0.01 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 104777 |       |       |
| 108     | 82.5 | 64.4  | 104.4  |       |       |
| 77      | 31.6 | 9.7   | 49.7   |       |       |
| 79      | 23.3 | 4.0   | 44.0   |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

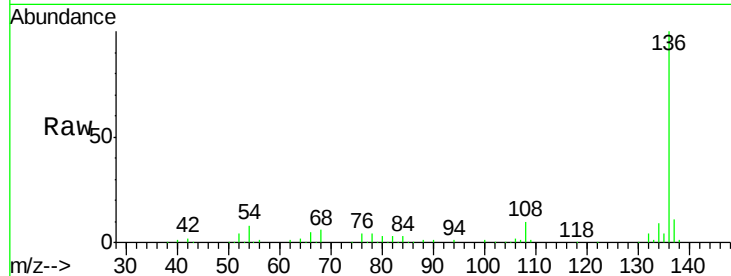
ClientSampleId :

PB82843BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 191104 |       |       |
| 137     | 10.9  | 9.0    | 13.4  |       |
| 54      | 7.7   | 7.0    | 10.6  |       |
| 68      | 5.8   | 5.4    | 8.2   |       |

Manual Integrations  
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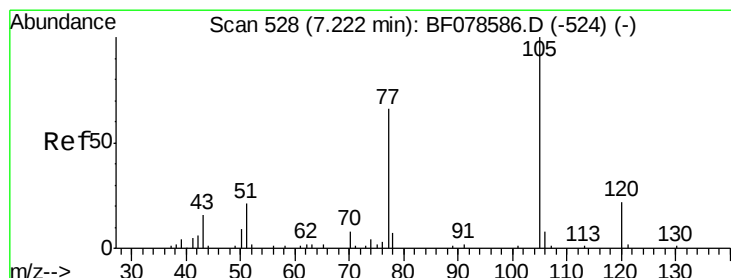
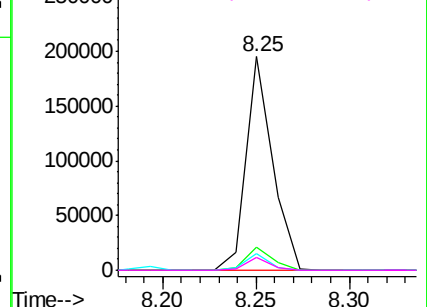
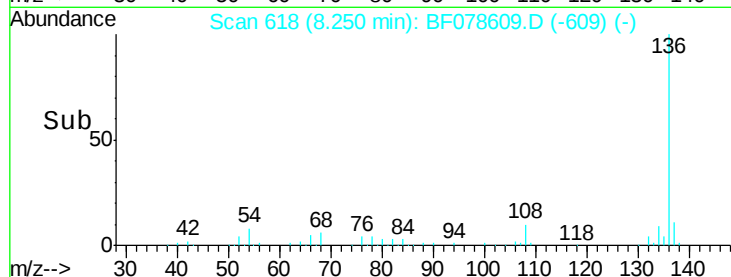


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.03 ng

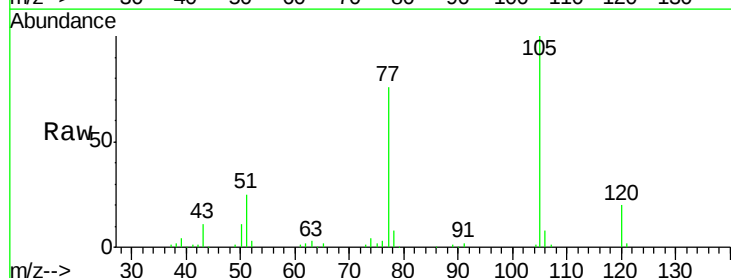
RT: 7.20 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 133717 |       |       |
| 71      | 0.0   | 5.5    | 8.3#  |       |
| 51      | 25.1  | 16.0   | 24.0# |       |
| 120     | 20.2  | 17.8   | 26.6  |       |

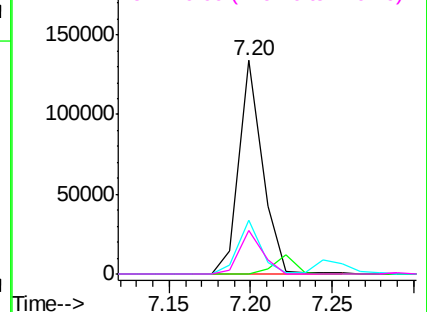
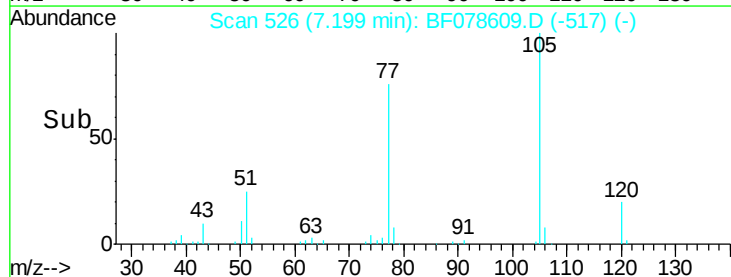


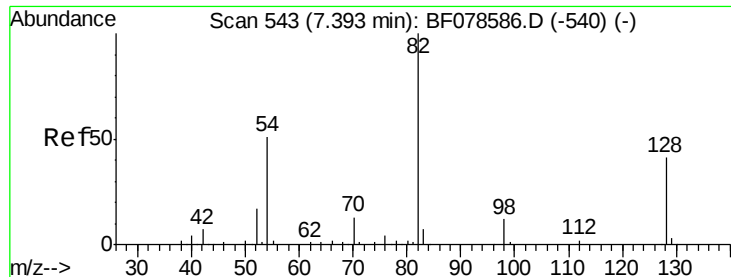
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 62.40 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

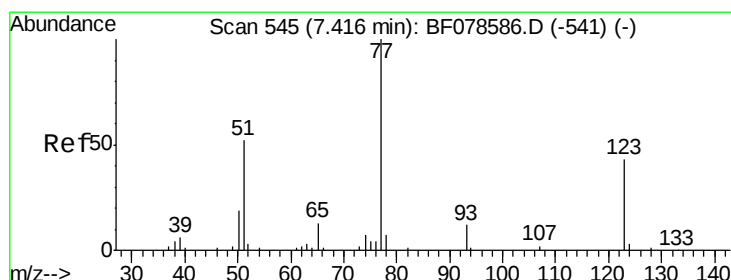
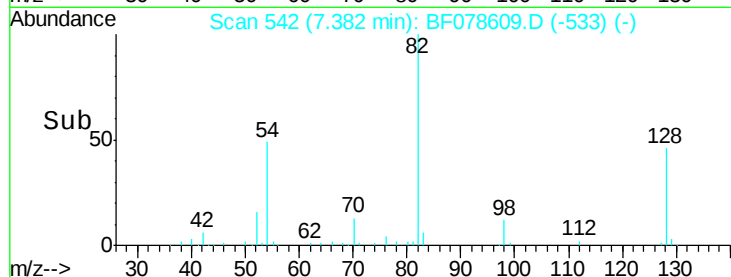
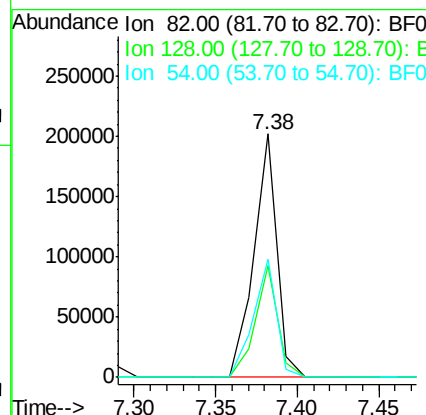
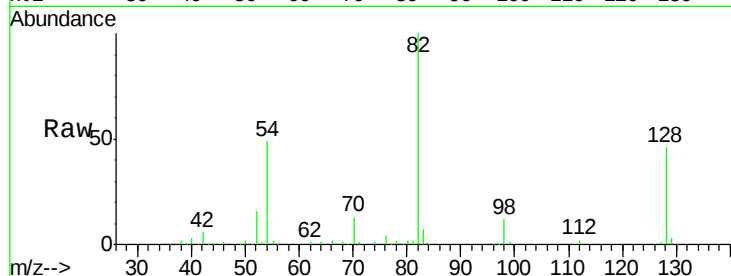
ClientSampleId :

PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 196741 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.9  | 31.8  | 47.8   |
| 54        | 48.7  | 41.5  | 62.3   |

Manual Integrations  
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#24

Nitrobenzene

Concen: 29.85 ng

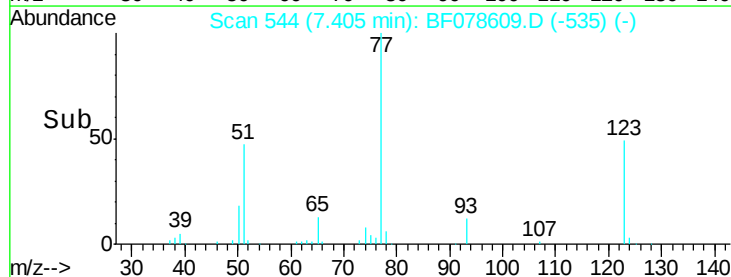
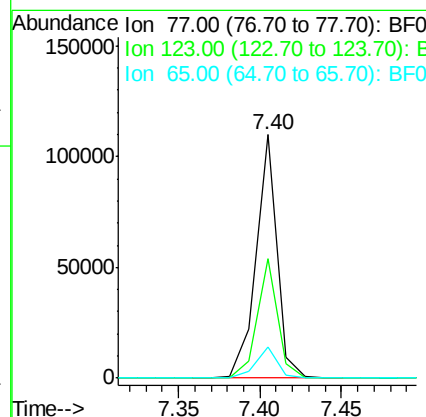
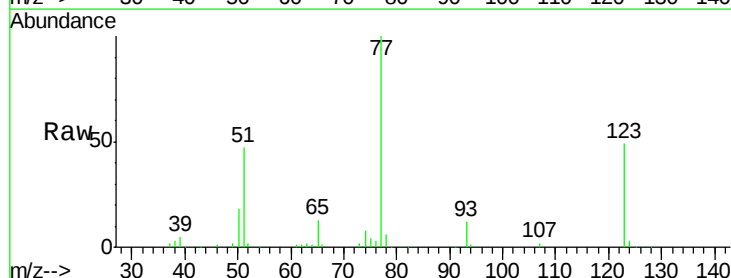
RT: 7.40 min Scan# 544

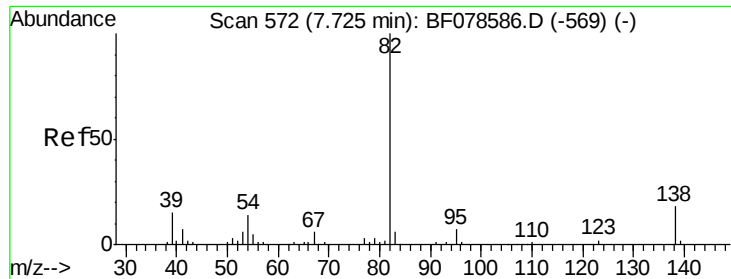
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 98373 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 48.9  | 46.9  | 70.3  |
| 65        | 12.6  | 9.5   | 14.3  |





#25

Isophorone

Concen: 29.37 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

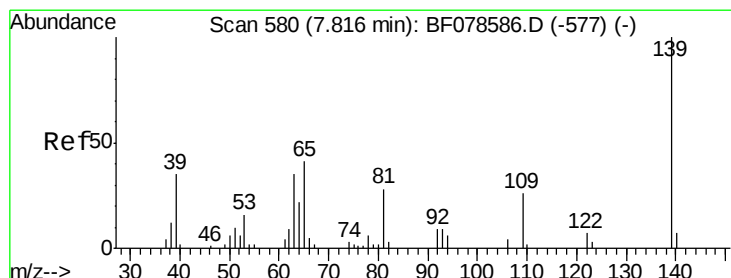
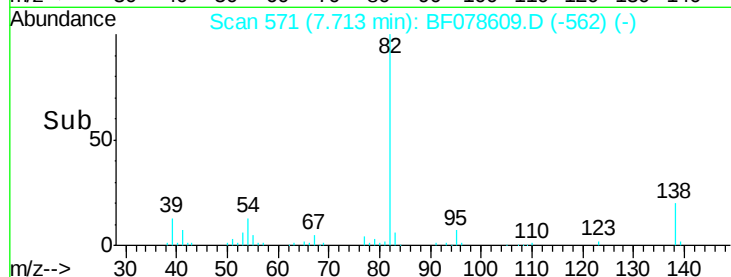
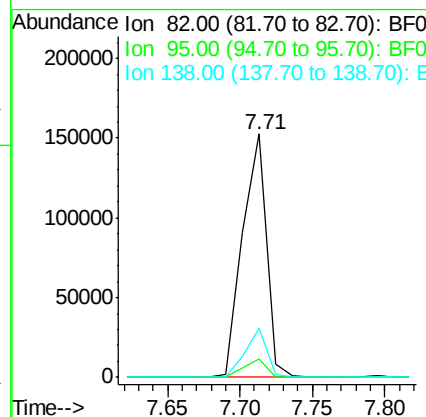
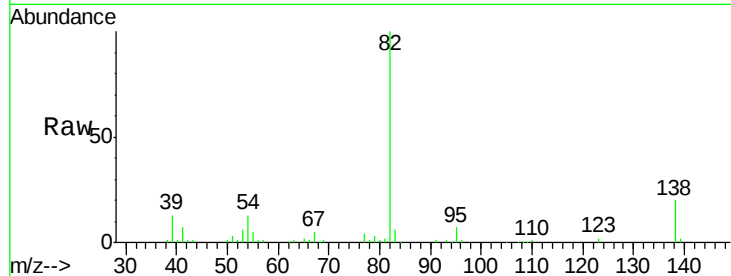
ClientSampleId :

PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 175724 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.3   | 5.7   | 8.5    |
| 138       | 20.0  | 15.8  | 23.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 30.46 ng

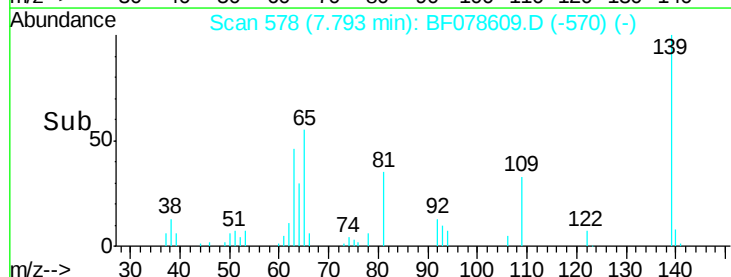
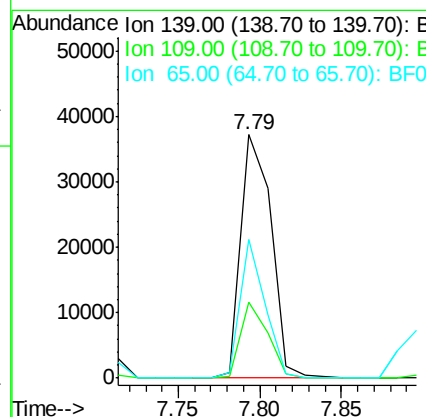
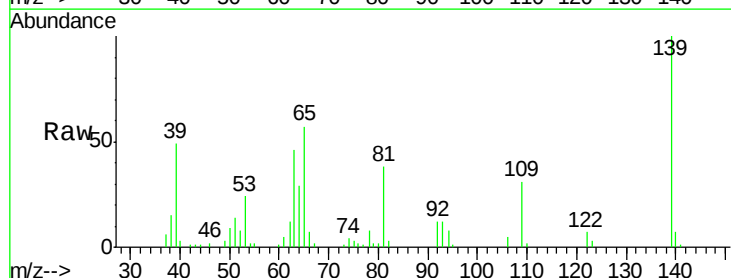
RT: 7.79 min Scan# 578

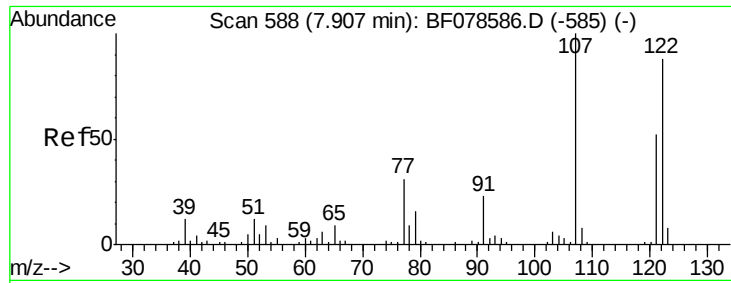
Delta R.T. -0.01 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 47841 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 31.4  | 19.8  | 29.8# |
| 65        | 56.9  | 32.7  | 49.1# |





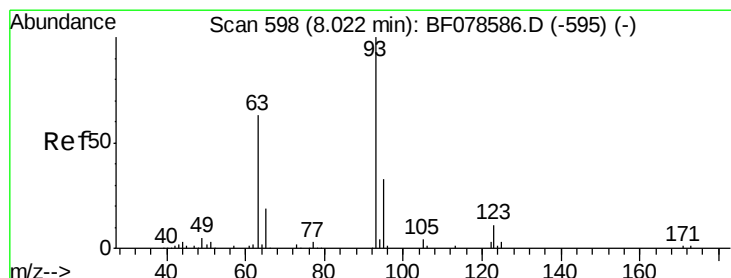
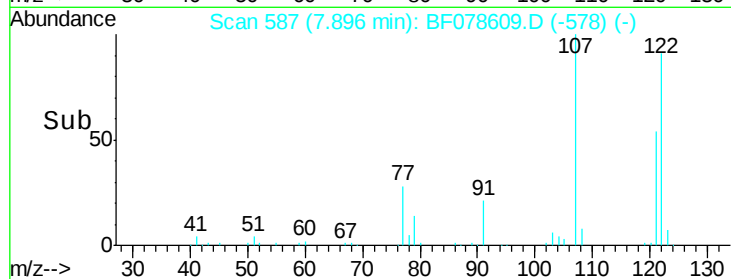
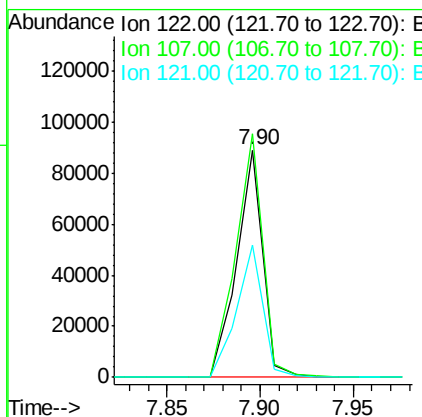
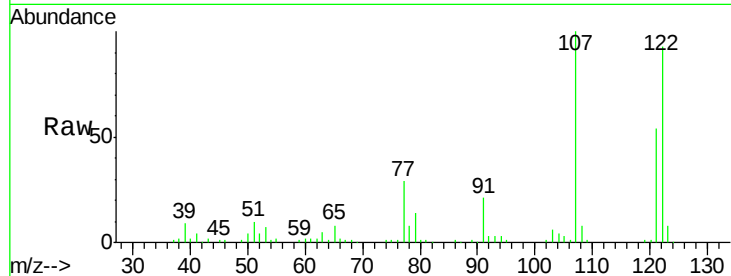
#27  
 2,4-Dimethylphenol  
 Concen: 29.97 ng  
 RT: 7.90 min Scan# 587  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       | 87523 |       |       |
| 107     | 107.0 | 84.6  | 127.0 |       |       |
| 121     | 58.3  | 46.0  | 69.0  |       |       |

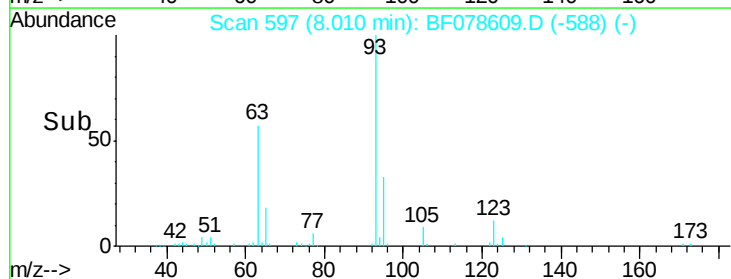
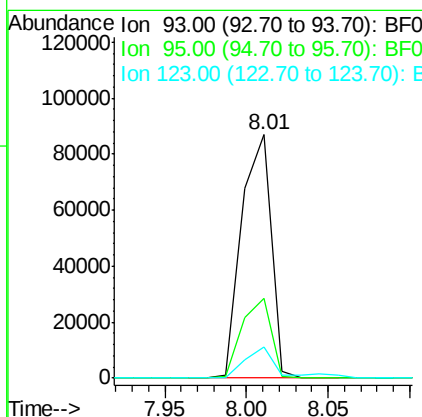
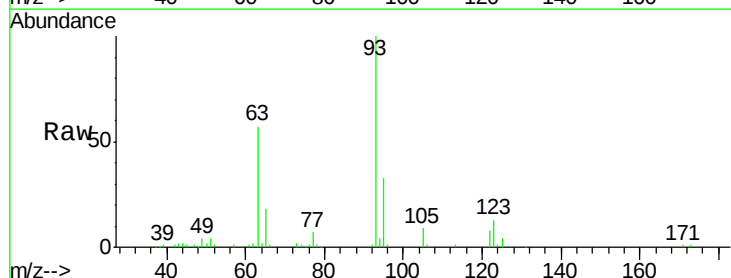
Manual Integrations  
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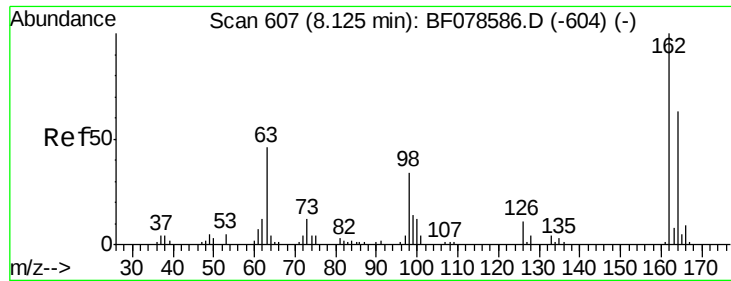
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 28.44 ng  
 RT: 8.01 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 109127 |       |       |
| 95      | 32.5 | 26.3  | 39.5   |       |       |
| 123     | 12.6 | 9.1   | 13.7   |       |       |





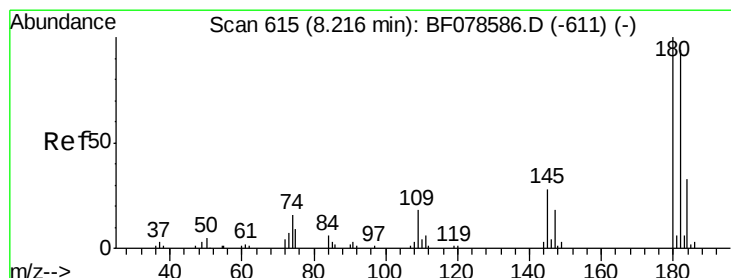
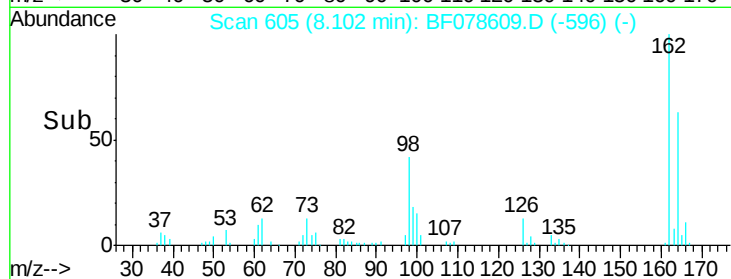
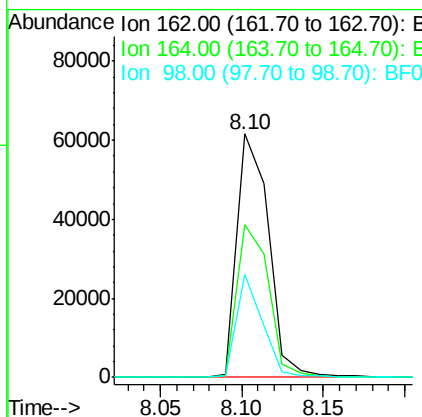
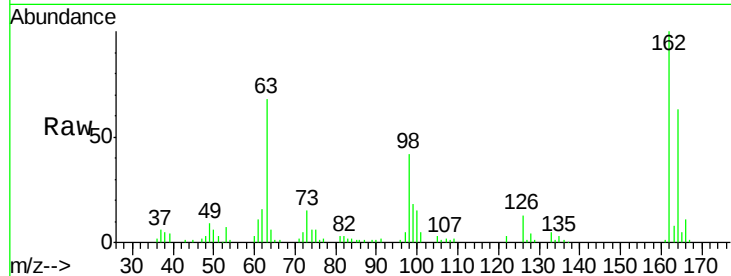
#29  
 2,4-Dichlorophenol  
 Concen: 30.87 ng  
 RT: 8.10 min Scan# 605  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 82023 |       |       |
| 164     | 63.0  | 47.0  | 87.0  |       |
| 98      | 42.0  | 9.2   | 49.2  |       |

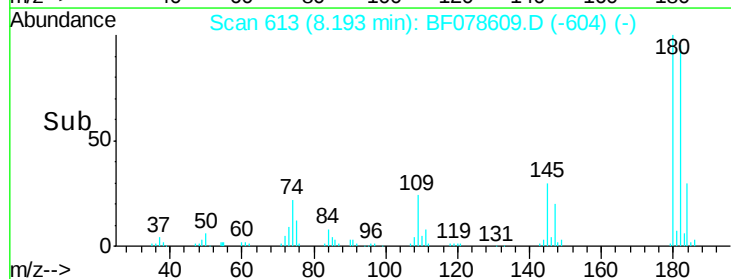
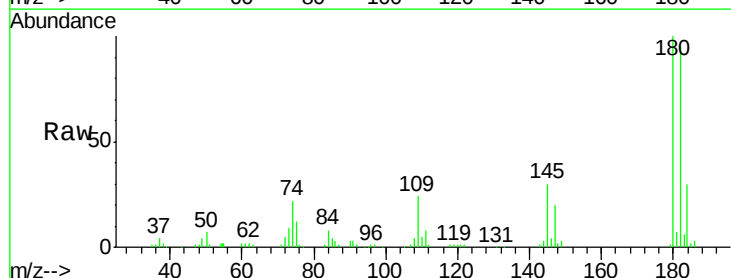
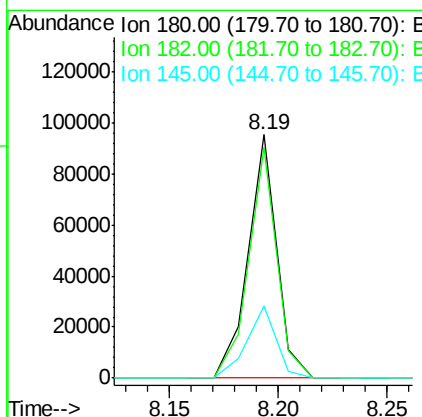
Manual Integrations  
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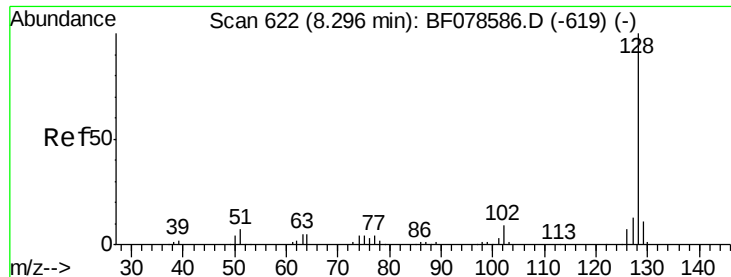
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 28.51 ng  
 RT: 8.19 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 86861 |       |       |
| 182     | 94.9  | 76.9  | 115.3 |       |
| 145     | 29.7  | 22.5  | 33.7  |       |





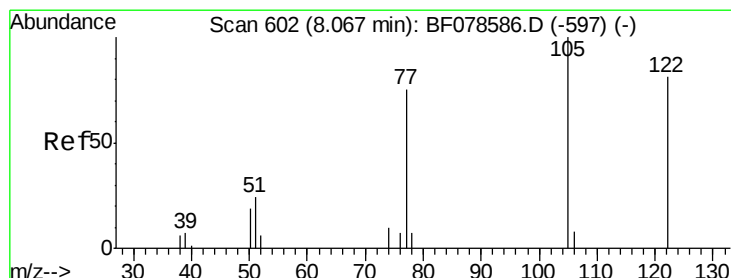
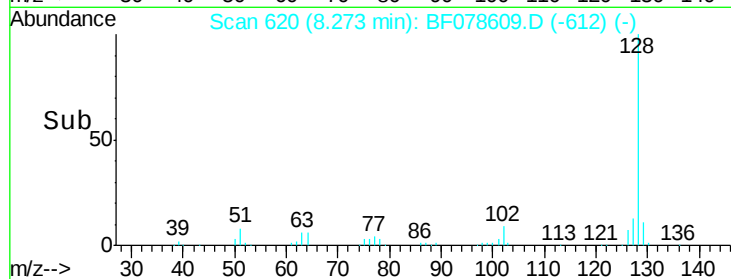
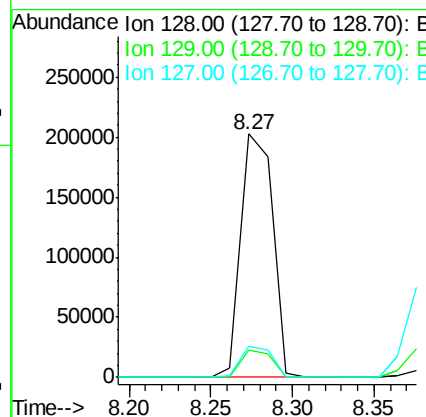
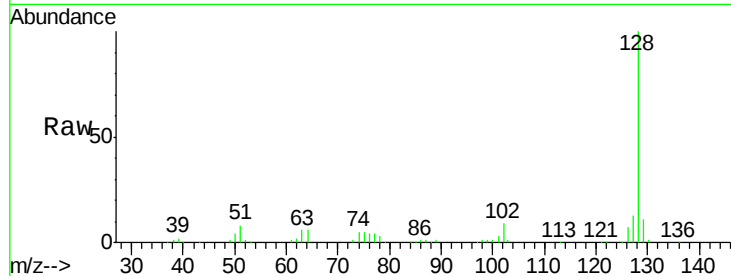
#31  
Naphthalene  
Concen: 27.50 ng  
RT: 8.27 min Scan# 620  
Delta R.T. -0.01 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampled :  
PB82843BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 273513 |       |       |
| 129     | 11.0  |        | 8.6   | 12.8  |
| 127     | 13.0  |        | 10.7  | 16.1  |

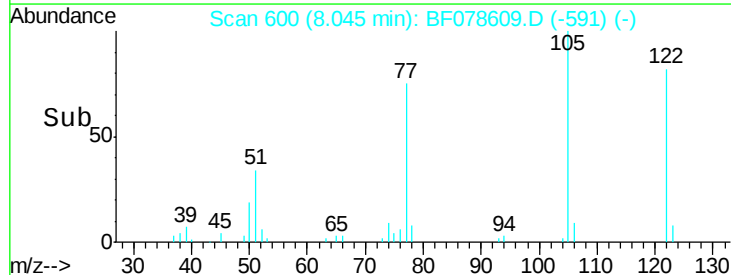
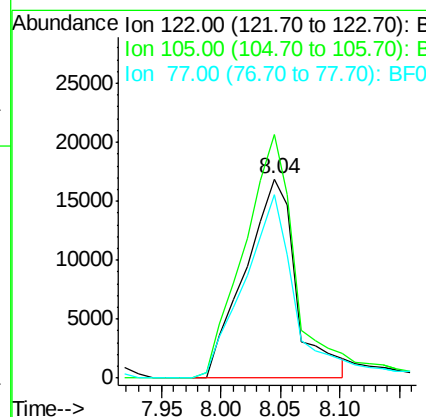
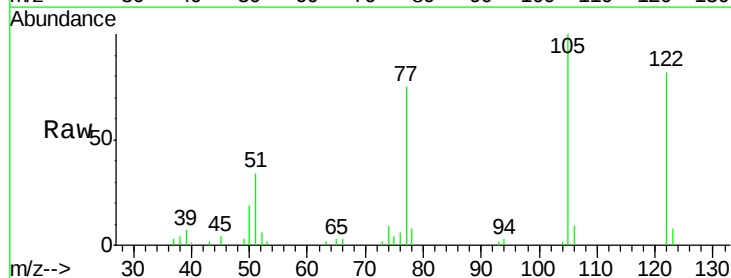
Manual Integrations  
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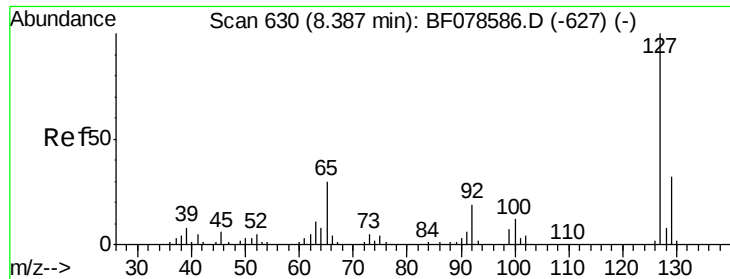
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#32  
Benzoic acid  
Concen: 38.44 ng  
RT: 8.04 min Scan# 600  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 50994 |       |       |
| 105     | 122.1 |       | 96.1  | 136.1 |
| 77      | 92.0  |       | 64.1  | 104.1 |





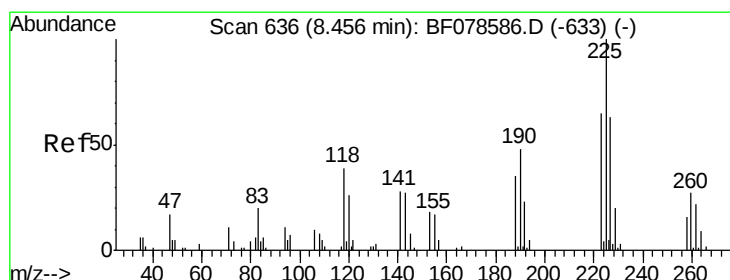
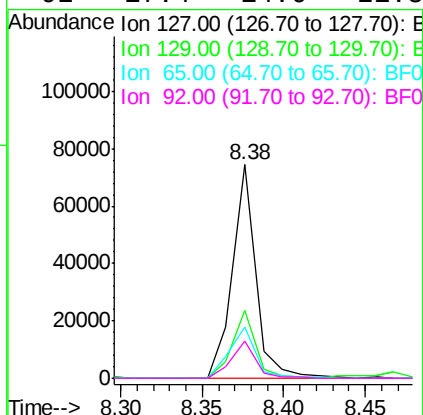
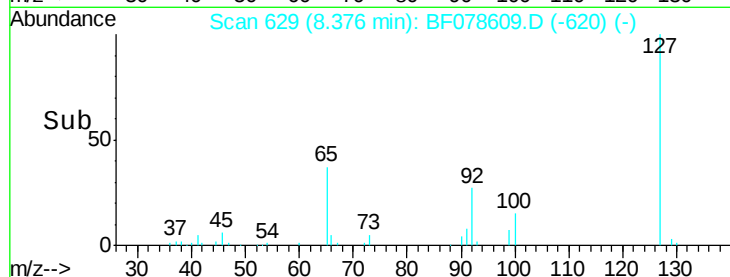
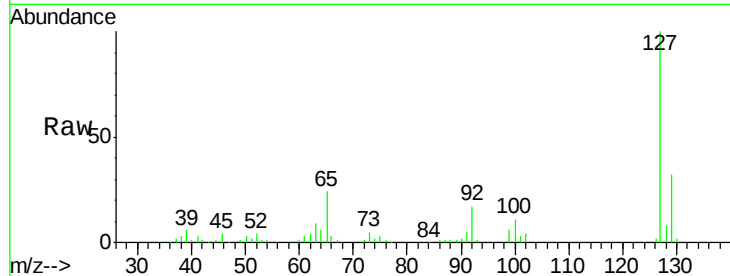
#33  
4-Chloroaniline  
Concen: 17.88 ng  
RT: 8.38 min Scan# 629  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 73789 |       |       |
| 129     | 31.7 | 25.5  | 38.3  |       |       |
| 65      | 24.2 | 21.7  | 32.5  |       |       |
| 92      | 17.4 | 14.6  | 21.8  |       |       |

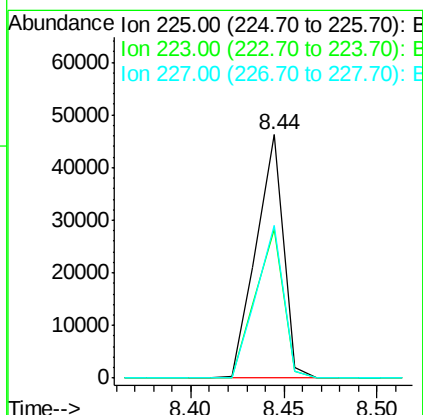
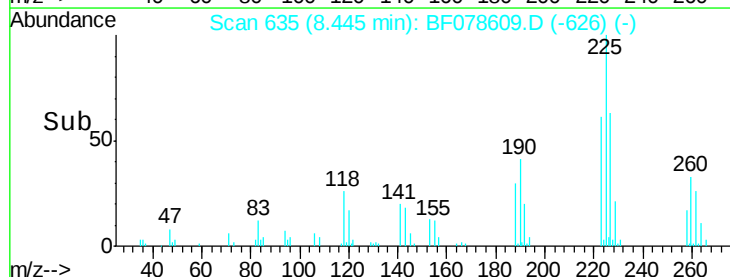
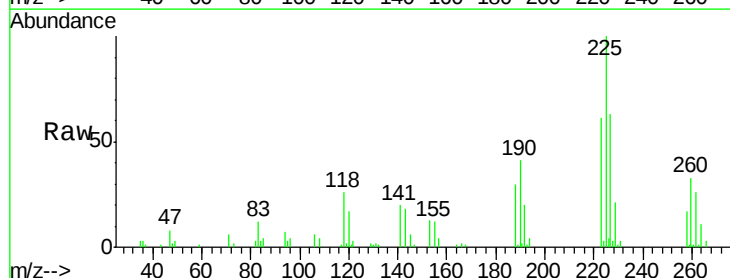
Manual Integrations  
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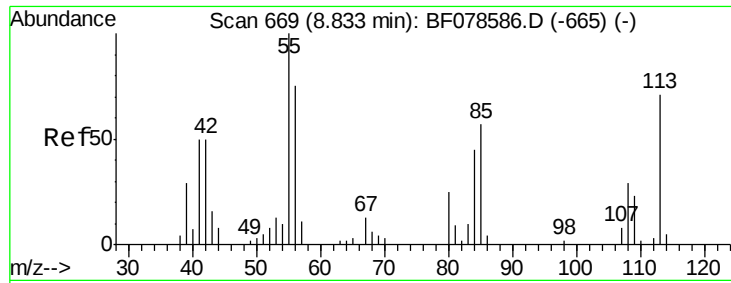
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#34  
Hexachlorobutadiene  
Concen: 28.45 ng  
RT: 8.44 min Scan# 635  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 47591 |       |       |
| 223     | 61.3 | 47.5  | 71.3  |       |       |
| 227     | 62.8 | 50.2  | 75.2  |       |       |





#35

Caprolactam

Concen: 33.42 ng/mL

RT: 8.81 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

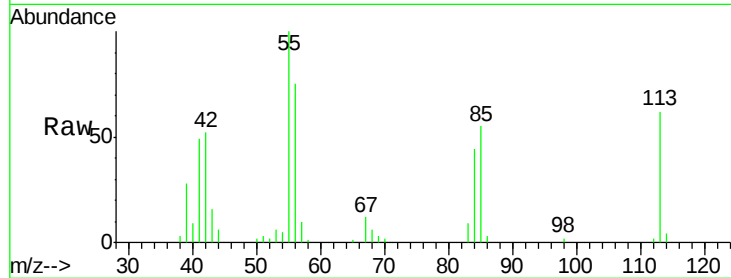
ClientSampleID :

PB82843BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 26509 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 161.7 | 151.9 | 191.9 |
| 56        | 121.7 | 106.1 | 146.1 |

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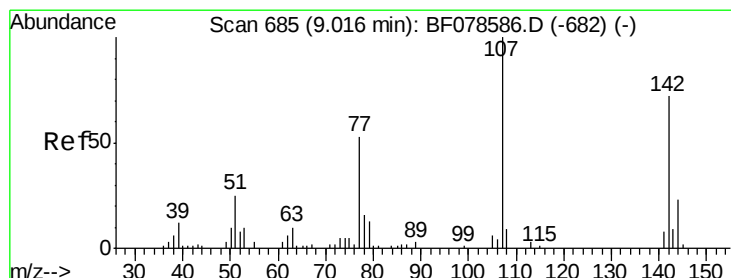
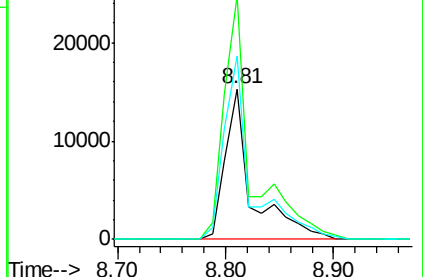
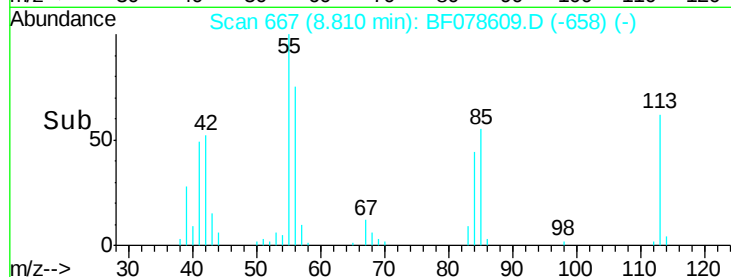
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.05 ng/mL

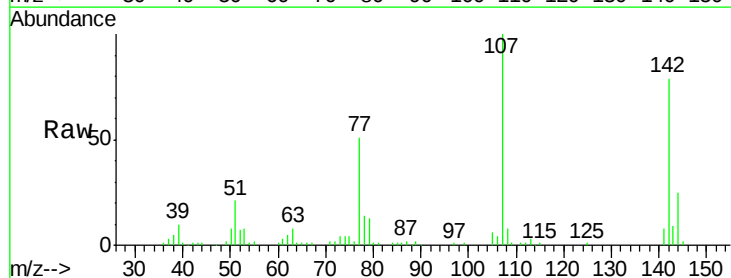
RT: 9.00 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

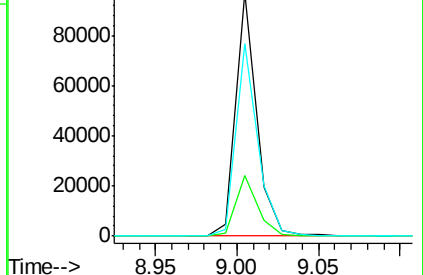
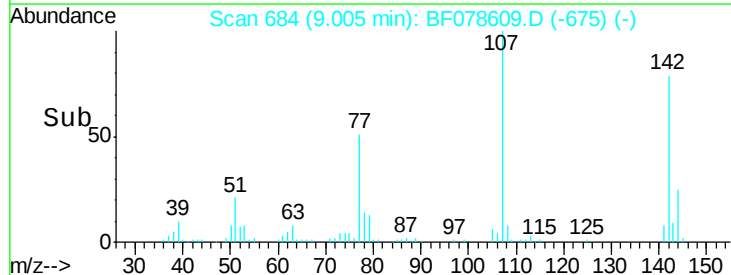
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 85924 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 25.0  | 18.2  | 27.2  |
| 142       | 79.1  | 58.0  | 87.0  |

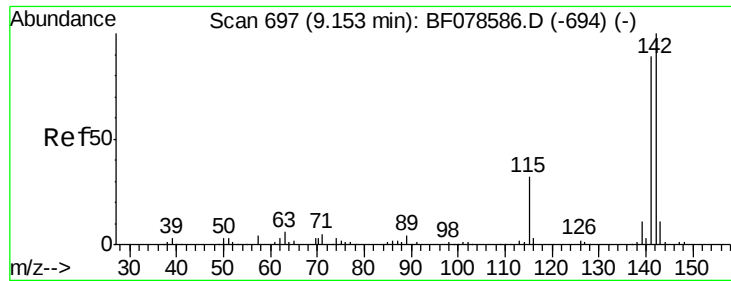


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





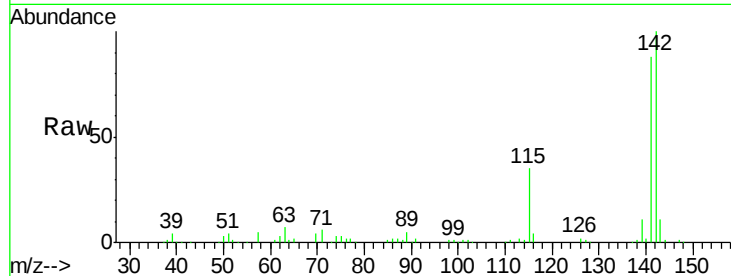
#37  
2-Methylnaphthalene  
Concen: 28.44 ng  
RT: 9.13 min Scan# 695  
Delta R.T. -0.01 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 192085 |       |       |
| 141     | 88.3  | 70.3   | 105.5 |       |
| 115     | 34.7  | 24.6   | 37.0  |       |

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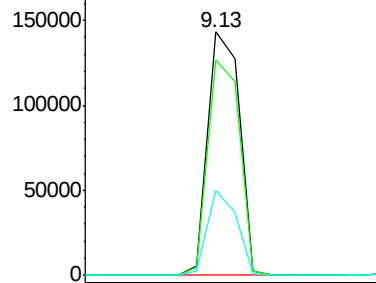


Abundance

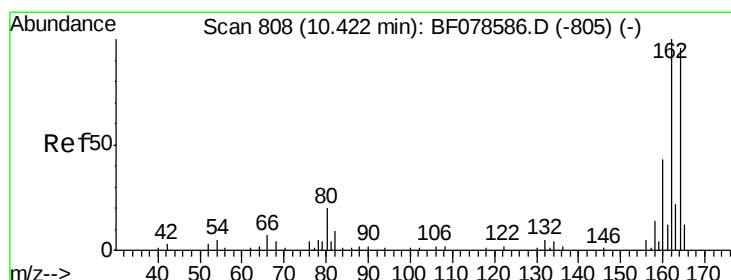
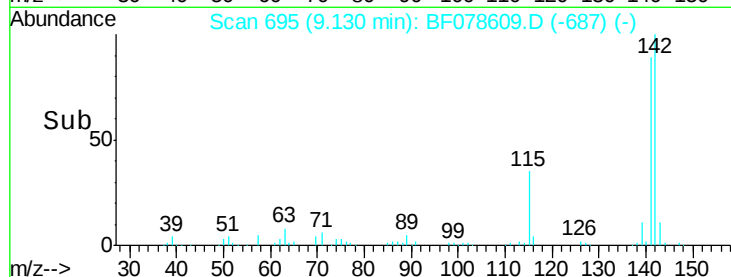
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

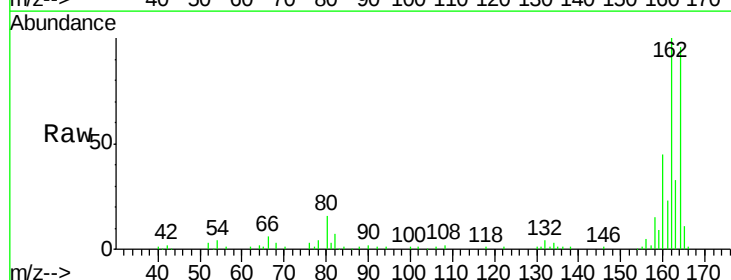


Time-->



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.41 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 100452 |       |       |
| 162     | 103.8 | 82.2   | 123.2 |       |
| 160     | 46.2  | 34.7   | 52.1  |       |

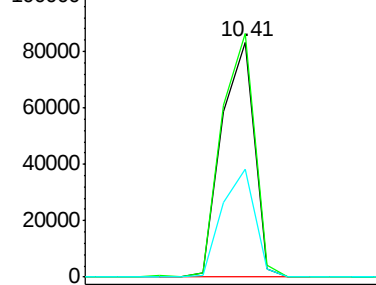


Abundance

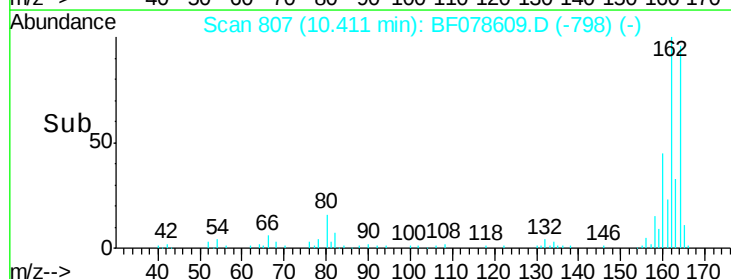
Ion 164.00 (163.70 to 164.70): E

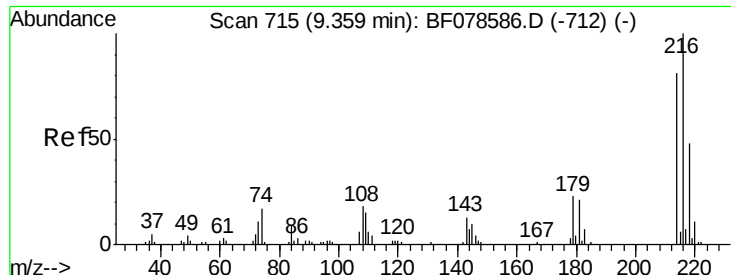
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





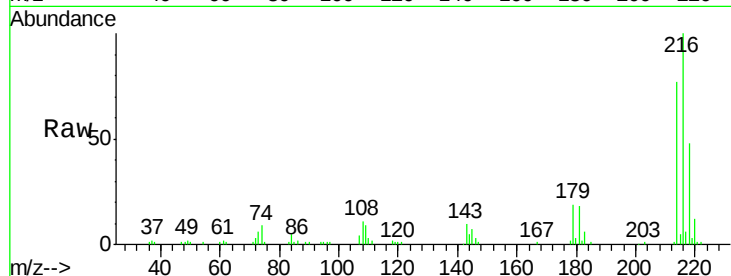
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 27.05 ng  
 RT: 9.35 min Scan# 714  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

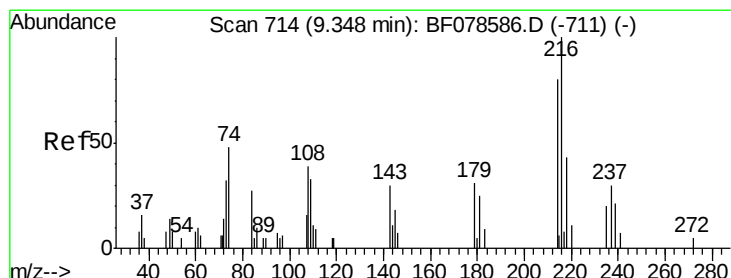
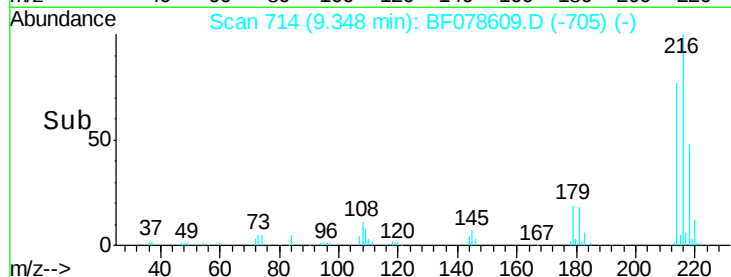
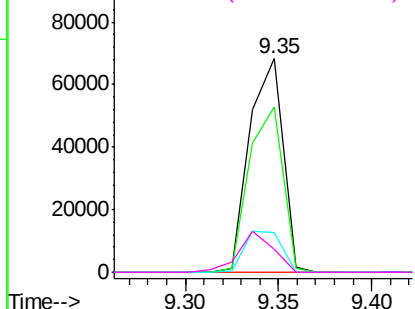
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 216   | Resp: | 84206 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 78.5  | 62.0  | 93.0  |
| 179       | 21.3  | 17.3  | 25.9  |
| 108       | 20.1  | 14.6  | 21.8  |

Manual Integrations  
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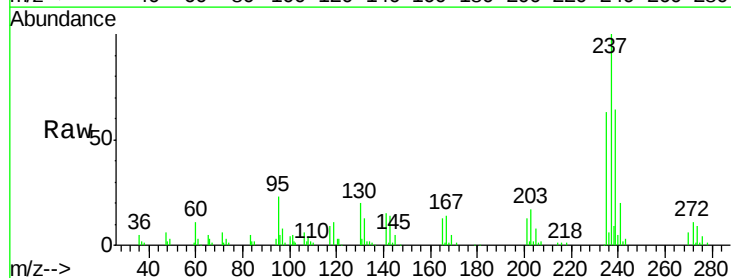


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

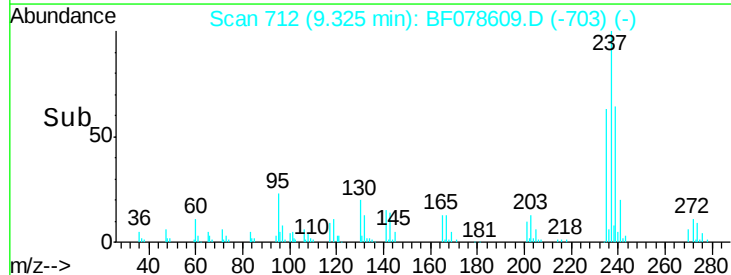
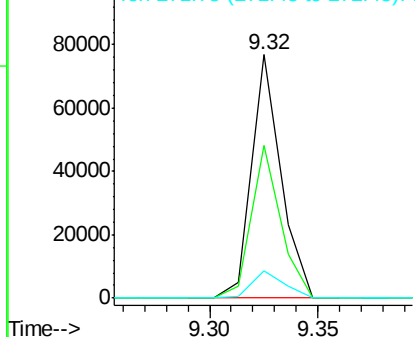


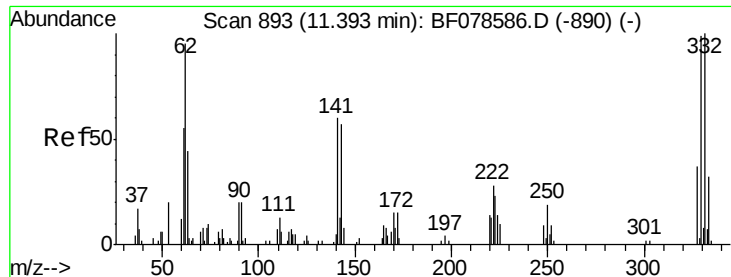
#40  
 Hexachlorocyclopentadiene  
 Concen: 56.01 ng  
 RT: 9.32 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 72048 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.0  | 44.1  | 84.1  |
| 272       | 11.4  | 0.0   | 34.4  |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





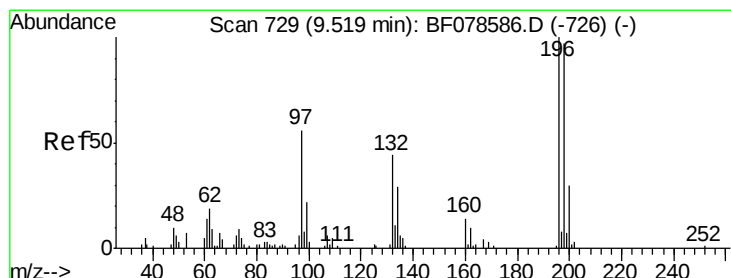
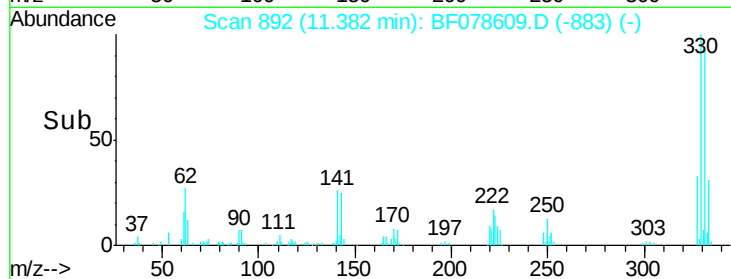
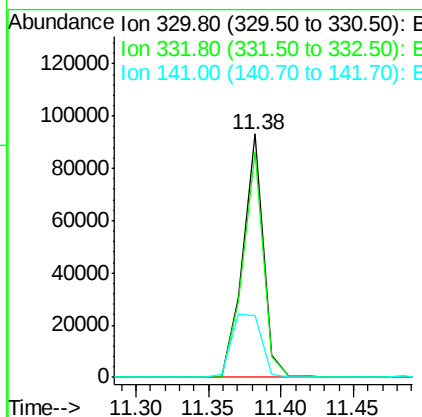
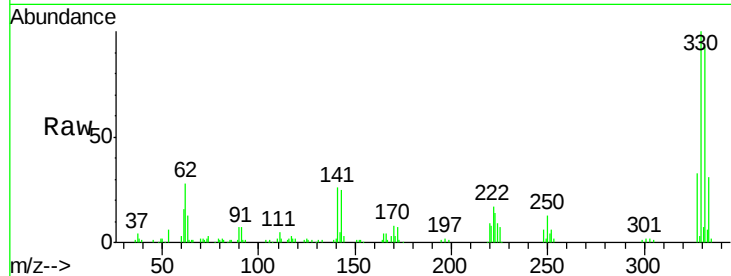
#41  
 2,4,6-Tribromophenol  
 Concen: 110.33 ng  
 RT: 11.38 min Scan# 892  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 91916 |       |       |
| 332     | 93.8  |       | 78.6  | 117.8 |
| 141     | 37.3  |       | 31.2  | 46.8  |

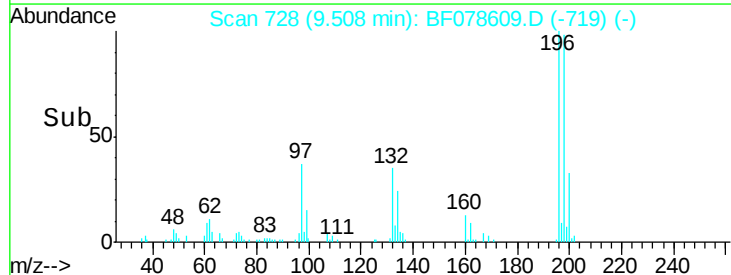
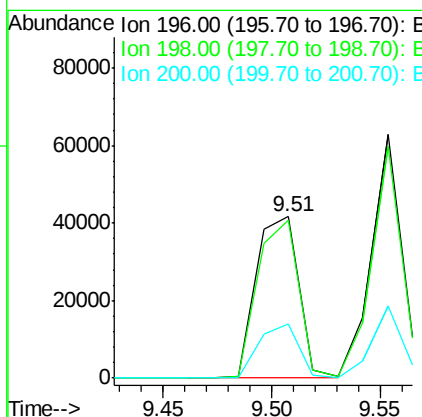
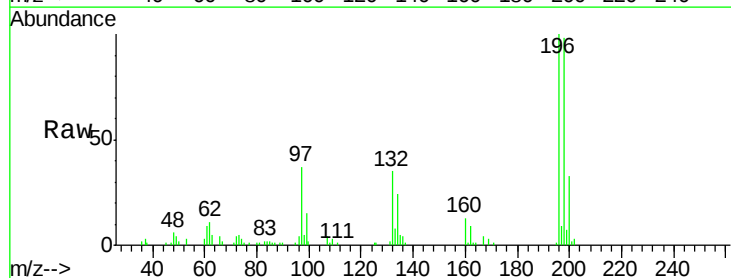
Manual Integrations  
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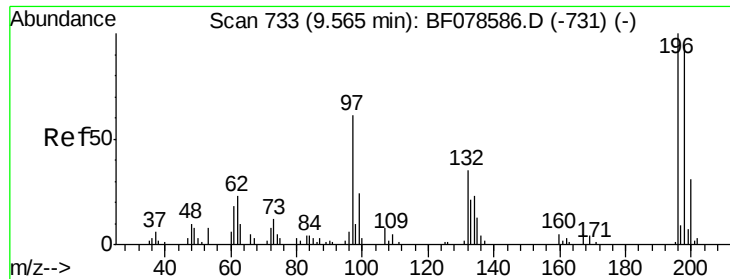
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 29.02 ng  
 RT: 9.51 min Scan# 728  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 56963 |       |       |
| 198     | 97.7  |       | 75.4  | 113.2 |
| 200     | 33.4  |       | 24.0  | 36.0  |





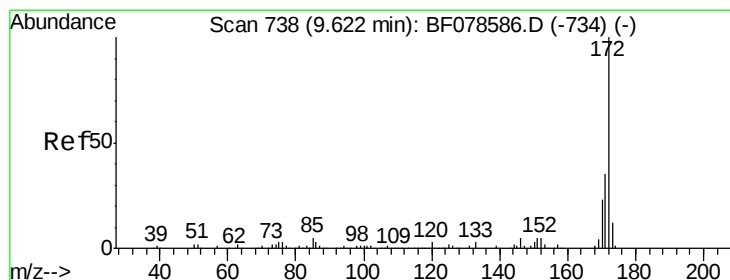
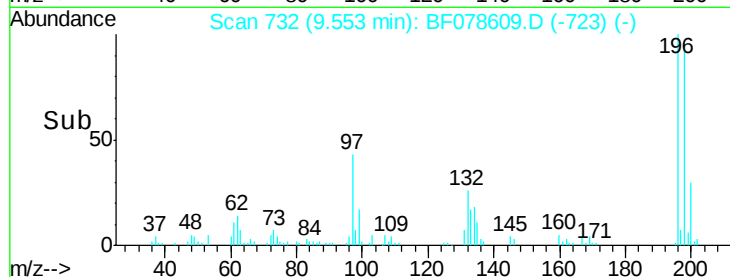
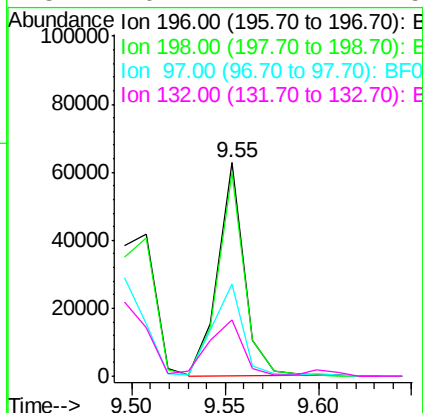
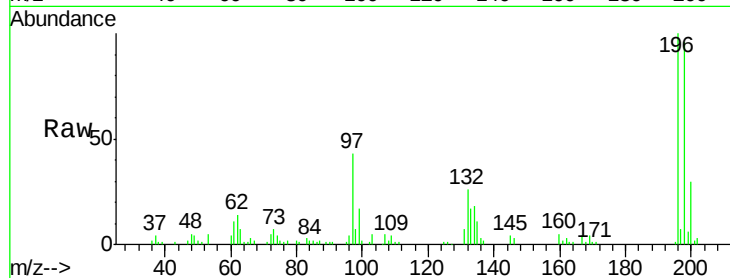
#43  
 2,4,5-Trichlorophenol  
 Concen: 30.26 ng  
 RT: 9.55 min Scan# 732  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 62046 |       |       |
| 198     | 95.6  | 76.6  | 115.0 |       |
| 97      | 43.1  | 50.6  | 75.8  |       |
| 132     | 26.4  | 27.7  | 41.5  |       |

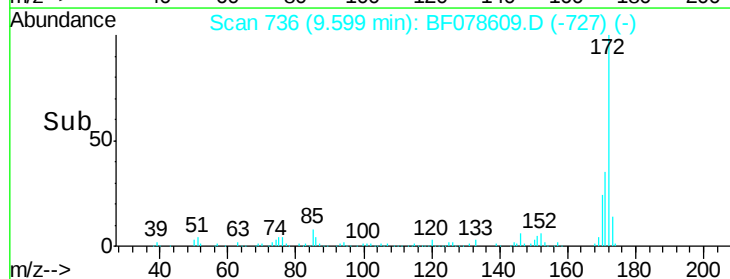
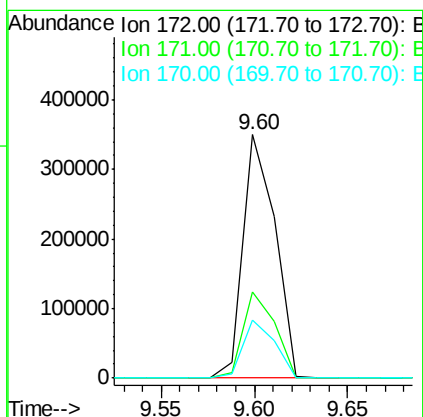
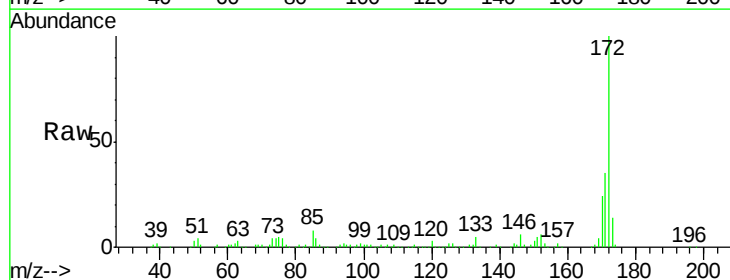
Manual Integrations  
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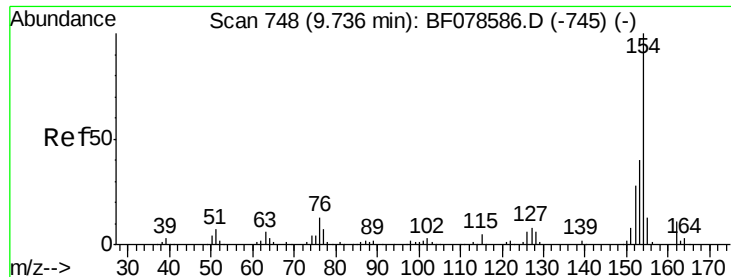
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#44  
 2-Fluorobiphenyl  
 Concen: 59.28 ng  
 RT: 9.60 min Scan# 736  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 416594 |       |       |
| 171     | 35.4  | 28.6   | 42.8  |       |
| 170     | 23.6  | 18.5   | 27.7  |       |





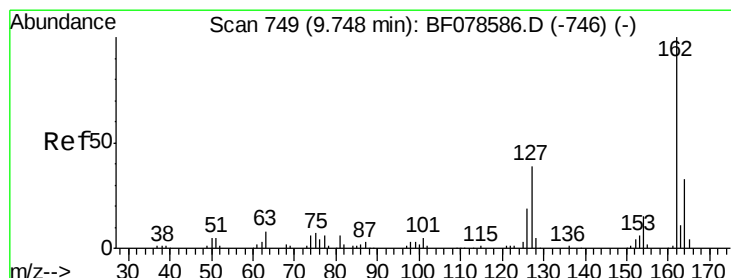
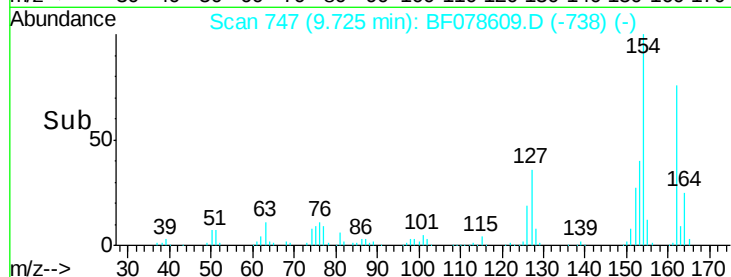
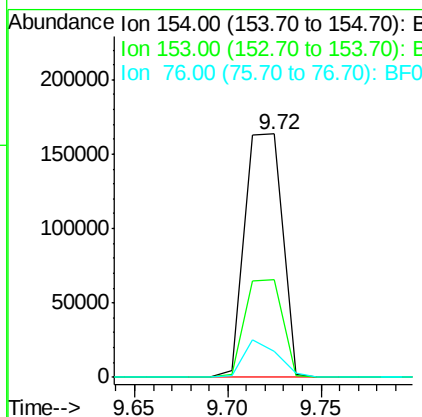
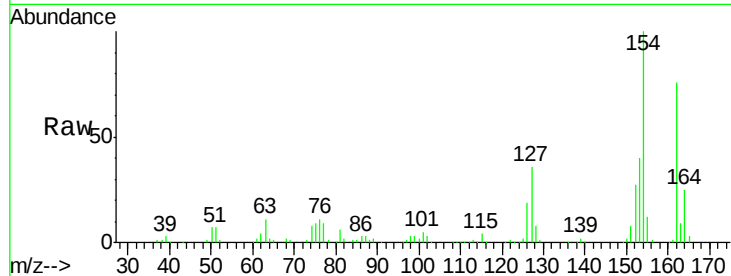
#45  
1,1'-Biphenyl  
Concen: 27.78 ng  
RT: 9.72 min Scan# 747  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 228270 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.2  | 20.0  | 60.0   |
| 76        | 11.0  | 0.0   | 30.6   |

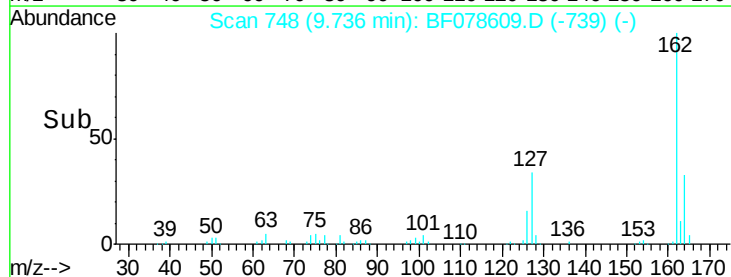
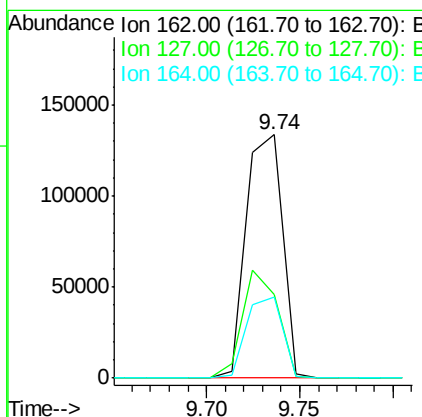
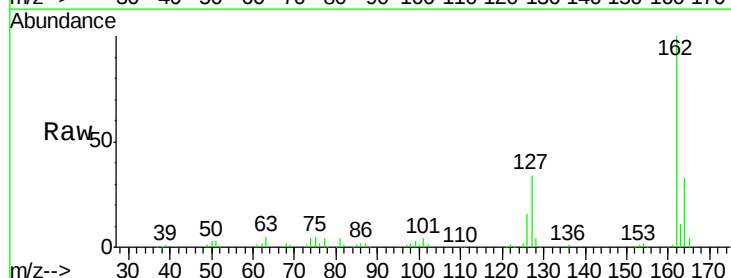
Manual Integrations  
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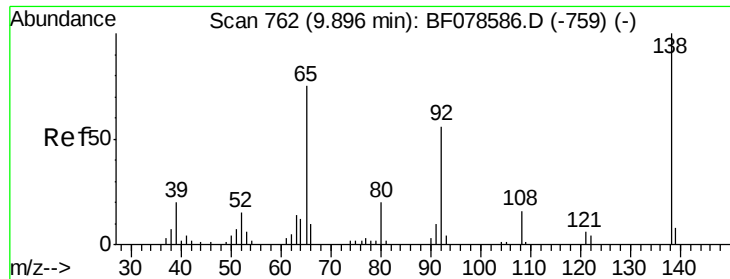
apatel  
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#46  
2-Chloronaphthalene  
Concen: 28.00 ng  
RT: 9.74 min Scan# 748  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 181016 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 34.4  | 32.6  | 49.0   |
| 164       | 33.3  | 26.0  | 39.0   |





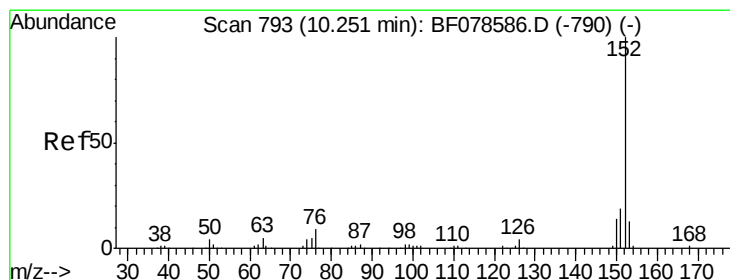
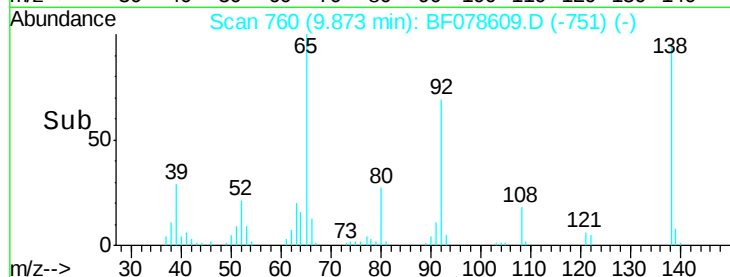
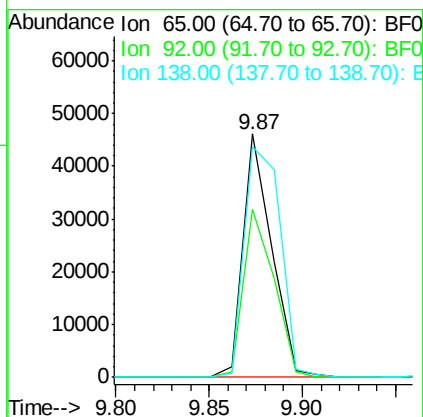
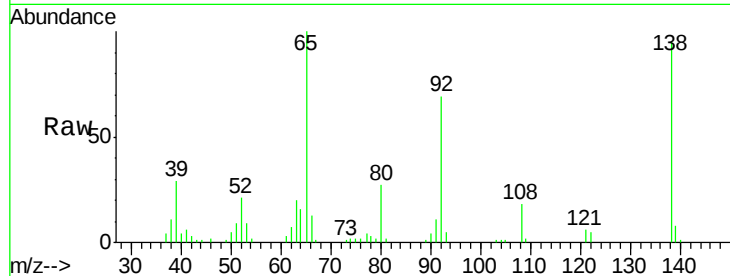
#47  
2-Nitroaniline  
Concen: 30.74 ng  
RT: 9.87 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.0  | 51.3  | 76.9  |
| 138     | 95.0  | 70.4  | 105.6 |

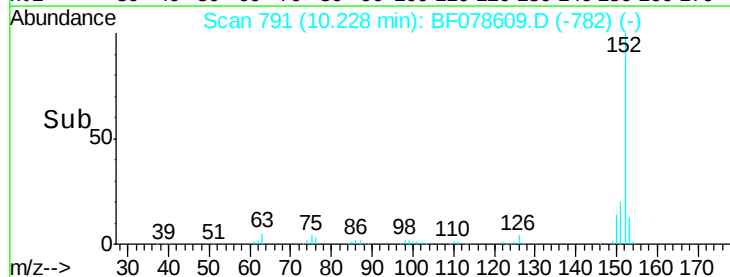
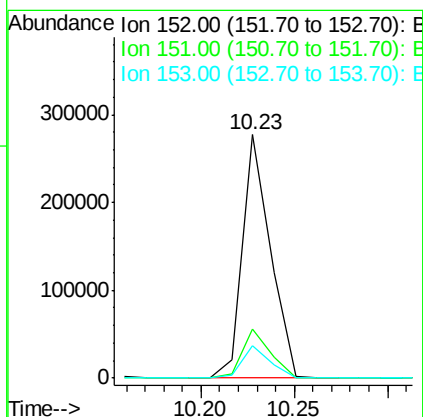
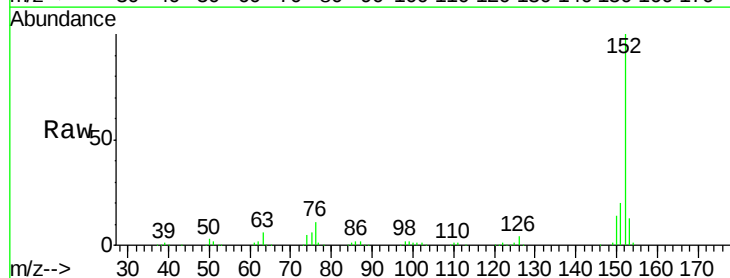
Manual Integrations  
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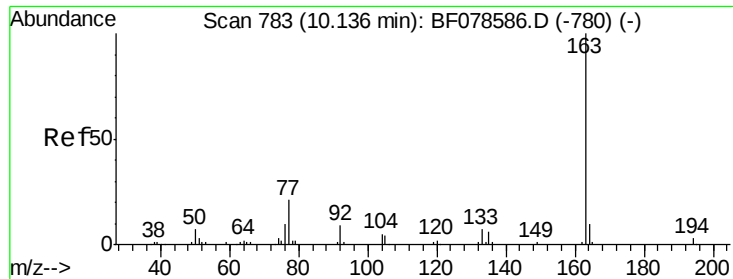
apatel  
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#48  
Acenaphthylene  
Concen: 27.70 ng  
RT: 10.23 min Scan# 791  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 15.7  | 23.5  |
| 153     | 13.3  | 10.2  | 15.2  |





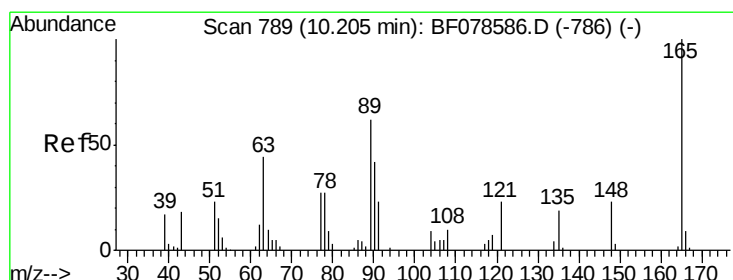
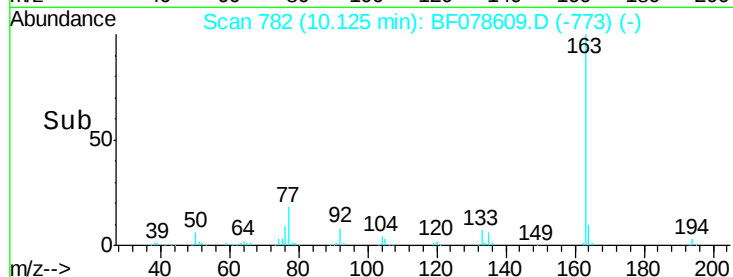
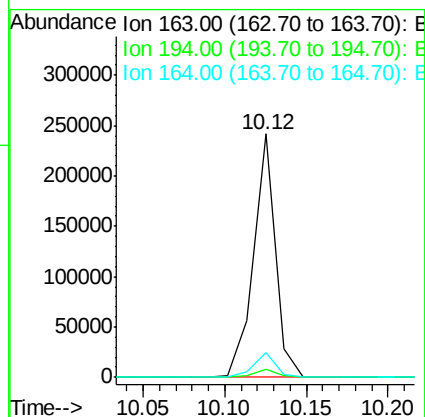
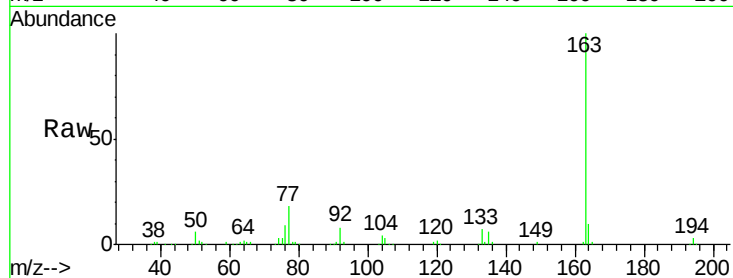
#49  
Dimethylphthalate  
Concen: 29.83 ng  
RT: 10.12 min Scan# 782  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 3.4   | 2.3        | 3.5   |
| 164     | 9.9   | 8.6        | 13.0  |

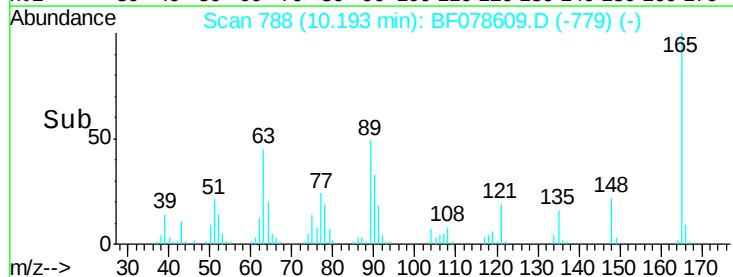
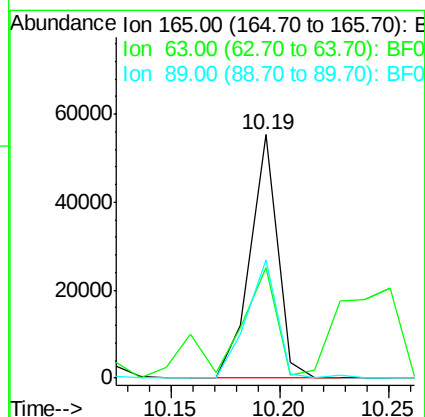
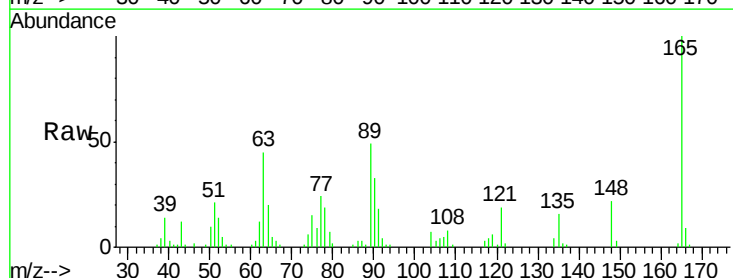
Manual Integrations  
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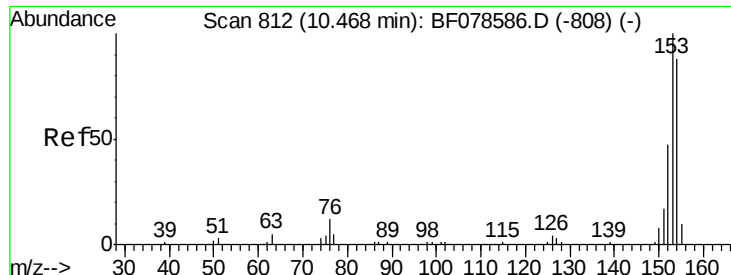
apatel  
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#50  
2,6-Dinitrotoluene  
Concen: 31.37 ng  
RT: 10.19 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 45.2  | 24.1       | 36.1# |
| 89      | 48.7  | 28.9       | 43.3# |





#51

Acenaphthene

Concen: 28.78 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF078609.D

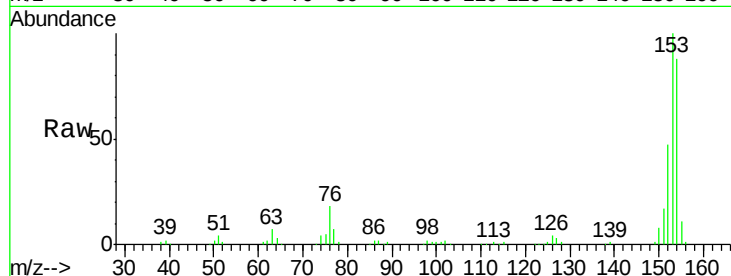
Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

ClientSampleId :

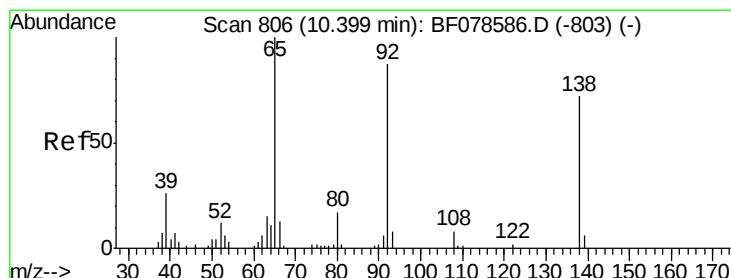
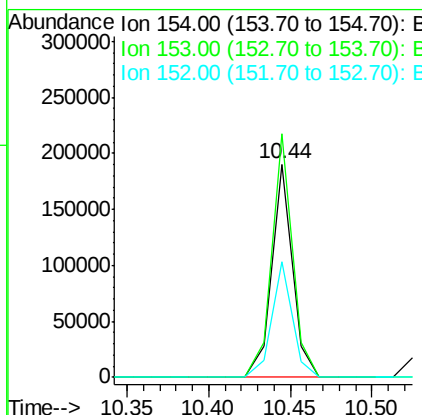
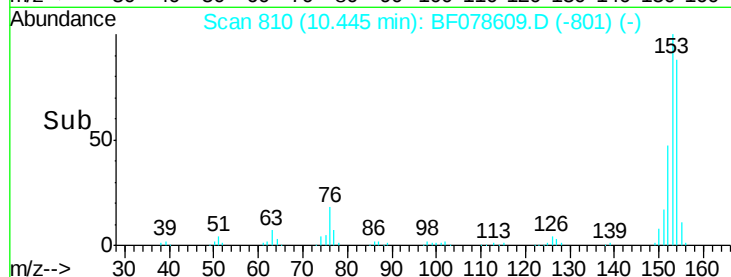
PB82843BS



| Tot Ion   | 154   | Resp  | 169135 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.1 | 91.4  | 137.2  |
| 152       | 53.9  | 43.0  | 64.6   |

Manual Integrations  
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#52

3-Nitroaniline

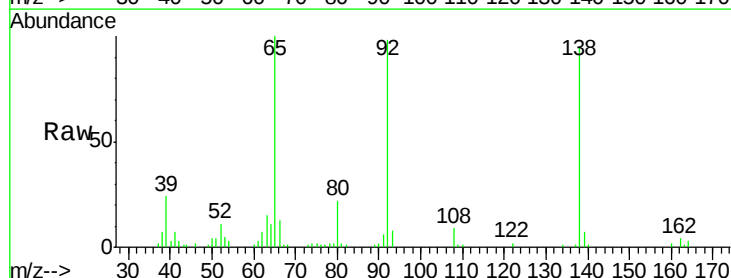
Concen: 22.66 ng

RT: 10.39 min Scan# 805

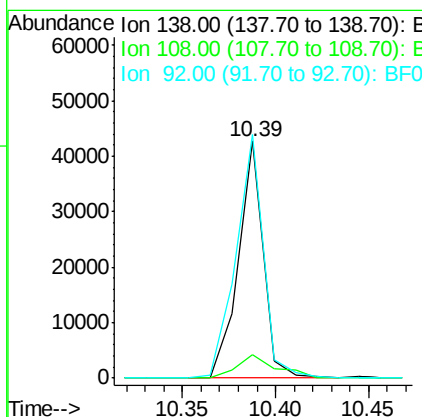
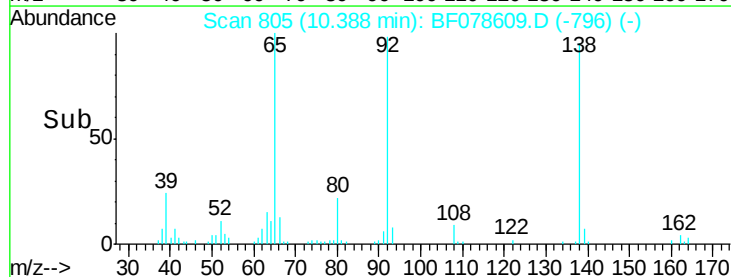
Delta R.T. -0.00 min

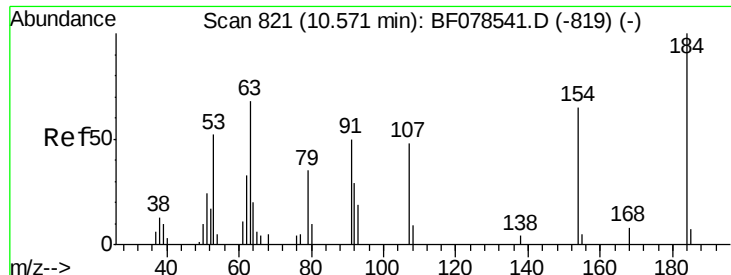
Lab File: BF078609.D

Acq: 17 Apr 2015 17:03



| Tgt Ion   | 138   | Resp  | 40000 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.8   | 8.2   | 12.4  |
| 92        | 102.7 | 88.4  | 132.6 |





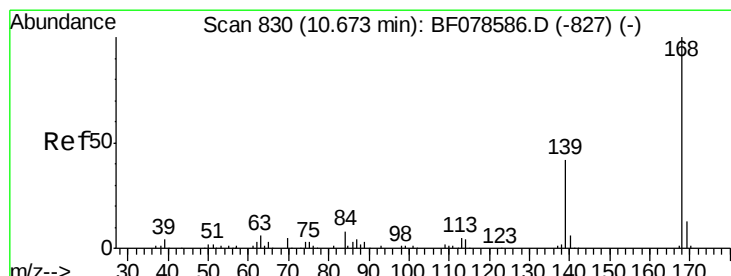
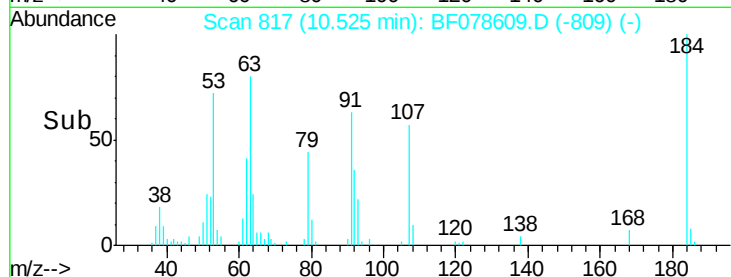
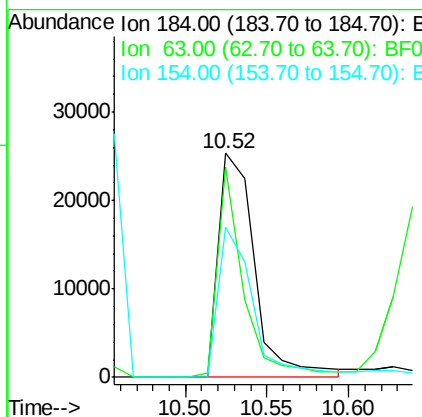
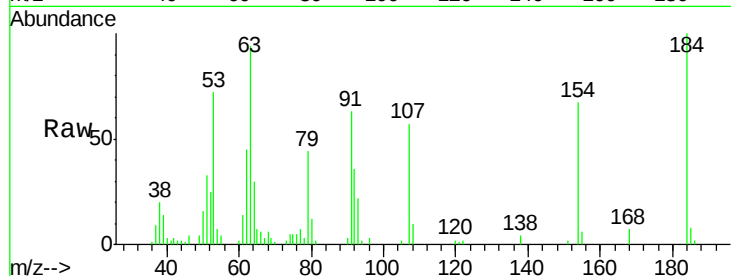
#53  
 2,4-Dinitrophenol  
 Concen: 69.42 ng  
 RT: 10.52 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 39101 |       |       |
| 63      | 93.9  | 51.9  | 77.9  | #     |
| 154     | 67.2  | 51.0  | 76.4  |       |

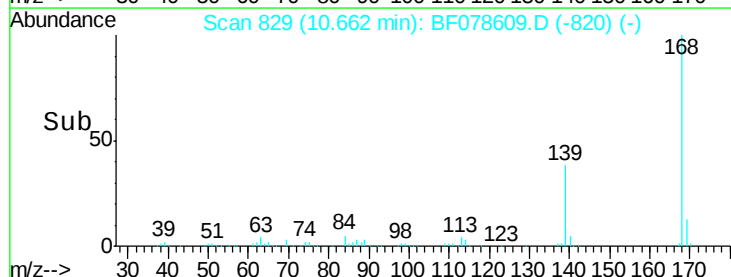
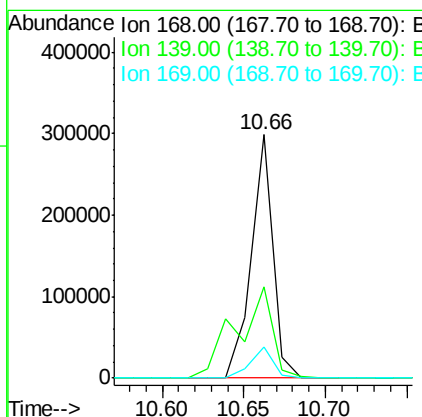
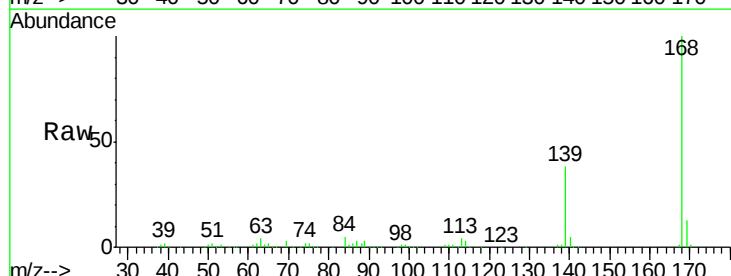
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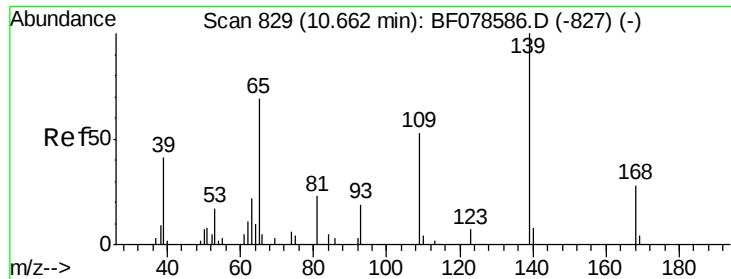
apatel  
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#54  
 Dibenzofuran  
 Concen: 30.61 ng  
 RT: 10.66 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 274753 |       |       |
| 139     | 37.7  | 31.0   | 46.4  |       |
| 169     | 12.8  | 10.7   | 16.1  |       |





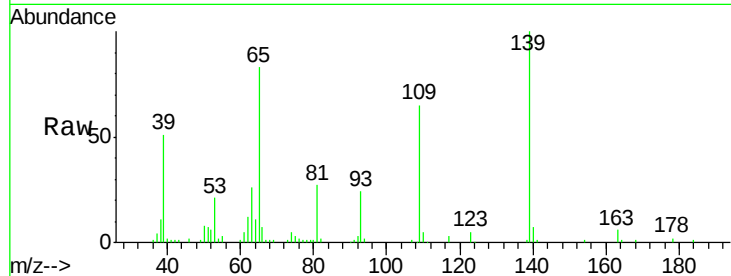
#55  
4-Nitrophenol  
Concen: 68.81 ng/mL  
RT: 10.64 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleID :  
PB82843BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 64.6  | 36.7 | 76.7  |       |
| 65      | 83.4  | 49.9 | 89.9  |       |

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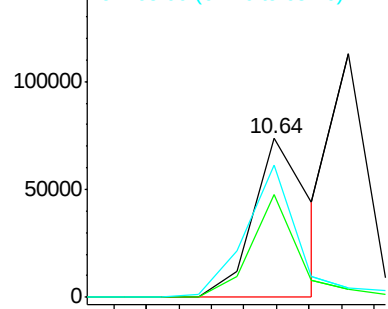


Abundance

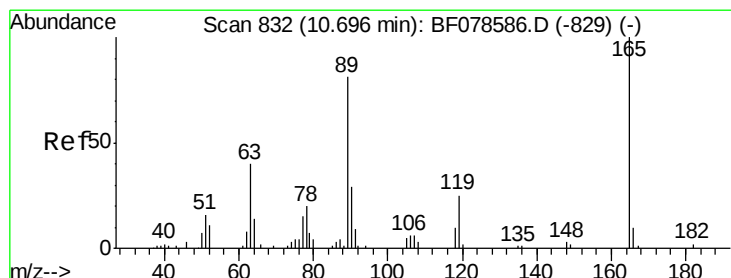
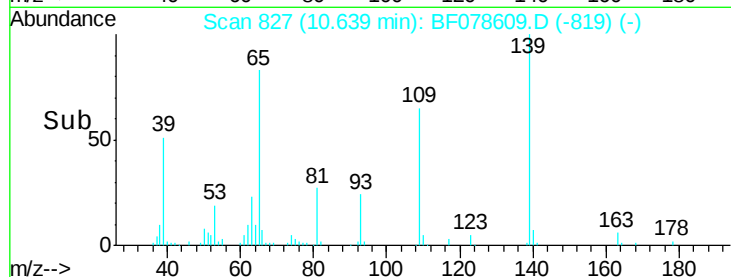
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



Time-->



#56  
2,4-Dinitrotoluene  
Concen: 34.13 ng/mL  
RT: 10.68 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 33.8  | 26.5 | 39.7  |       |
| 89      | 61.9  | 46.4 | 69.6  |       |
| 182     | 2.5   | 2.0  | 3.0   |       |

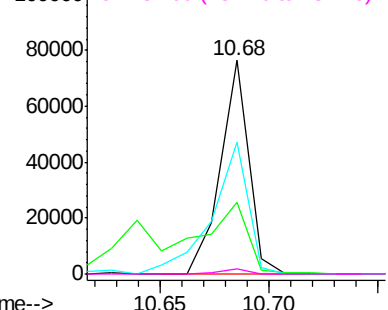
Abundance

Ion 165.00 (164.70 to 165.70): E

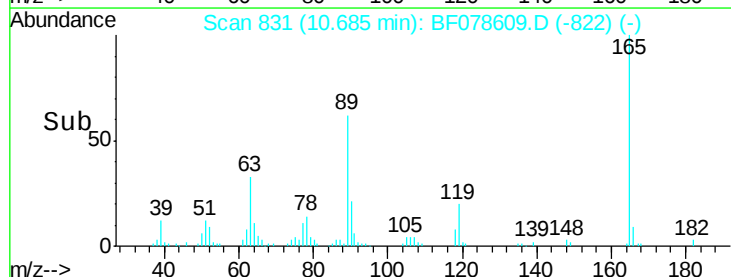
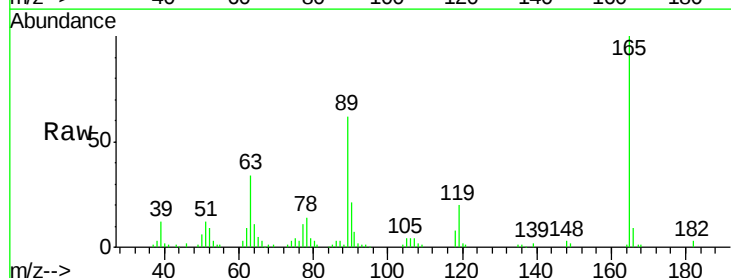
Ion 63.00 (62.70 to 63.70): E

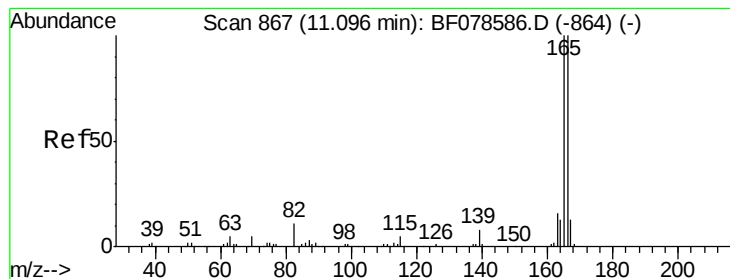
Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 30.89 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

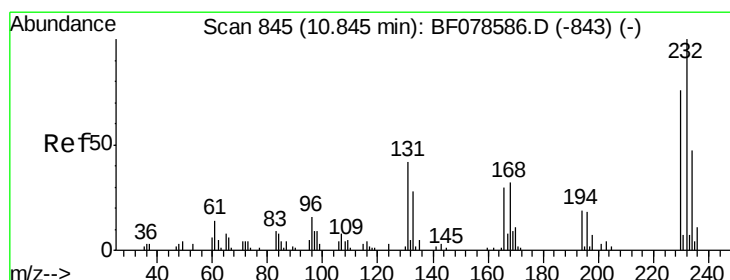
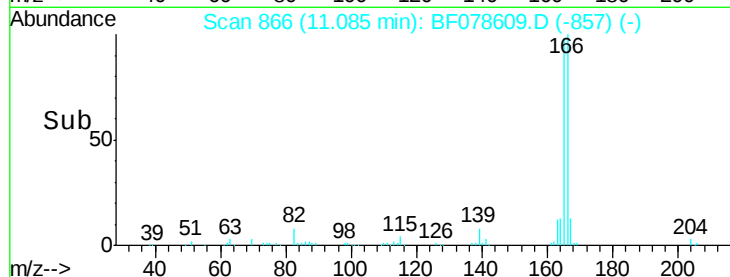
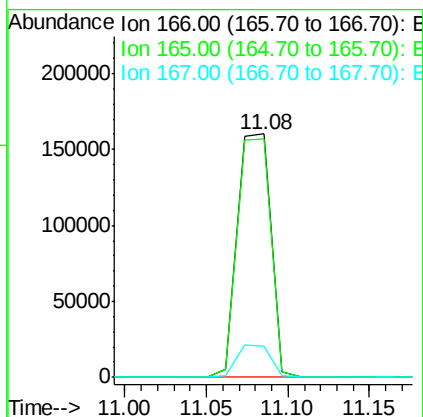
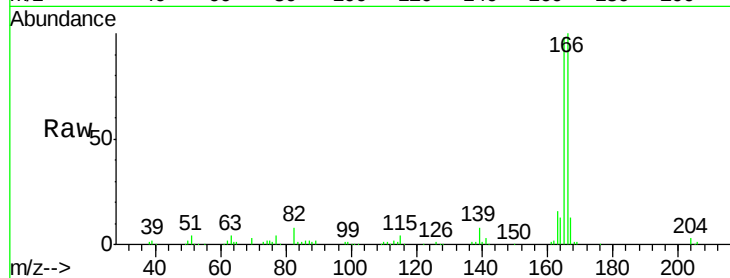
ClientSampleId :

PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 224788 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.0  | 78.9  | 118.3  |
| 167       | 12.6  | 10.7  | 16.1   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 31.34 ng

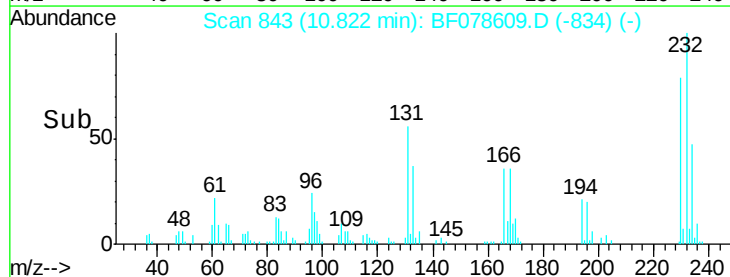
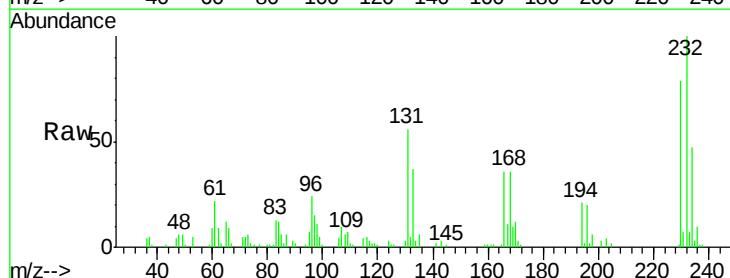
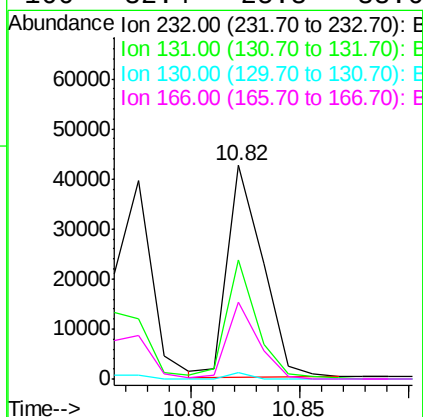
RT: 10.82 min Scan# 843

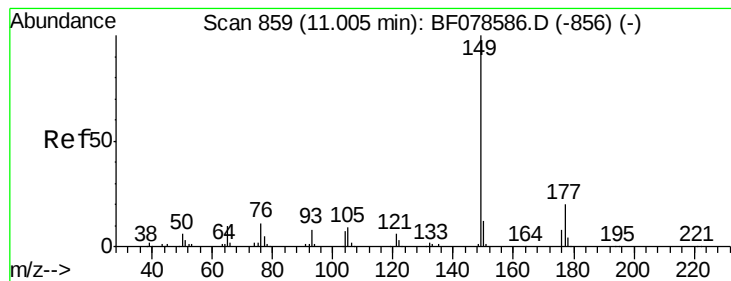
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 47654 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 49.8  | 37.8  | 56.8  |
| 130       | 1.7   | 1.5   | 2.3   |
| 166       | 32.4  | 25.8  | 38.6  |





#59

Diethylphthalate

Concen: 31.69 ng

RT: 10.99 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

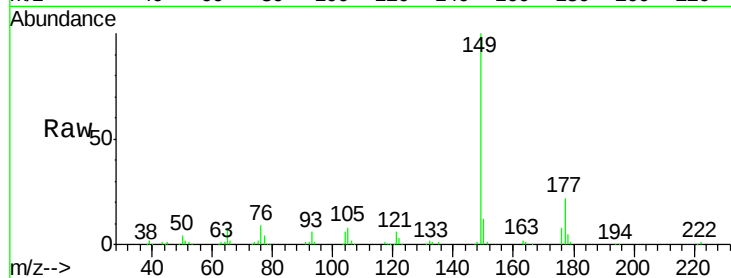
ClientSampleId :

PB82843BS

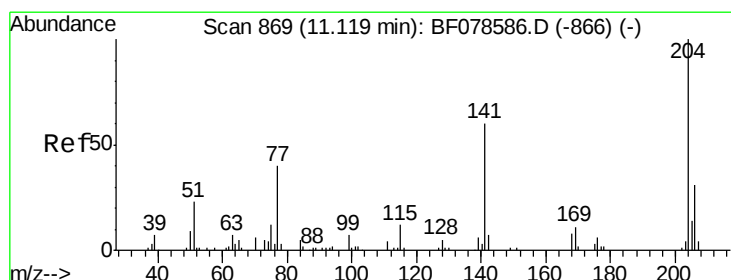
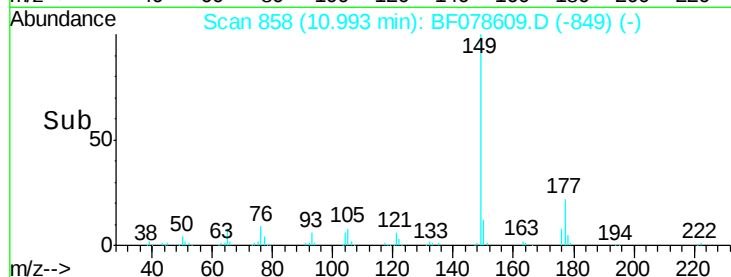
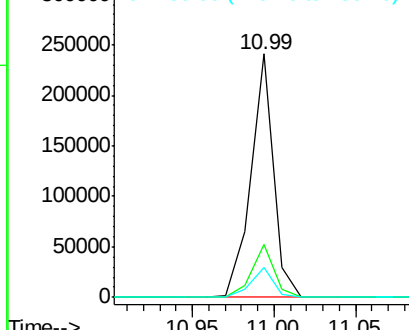
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 230630 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.6  | 17.4  | 26.2   |
| 150       | 12.1  | 9.4   | 14.2   |

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



#60

4-Chlorophenyl-phenylether

Concen: 28.99 ng

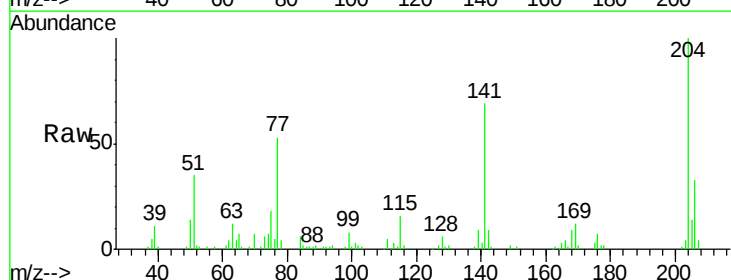
RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

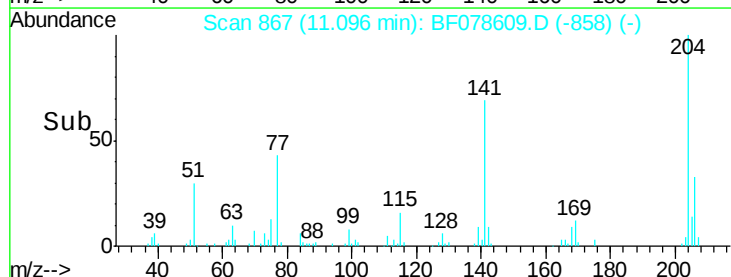
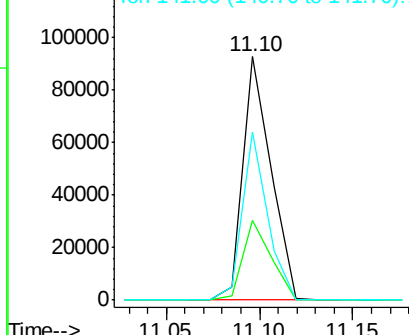
Lab File: BF078609.D

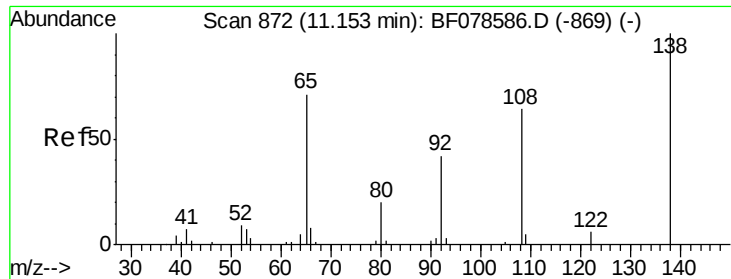
Acq: 17 Apr 2015 17:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 97061 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.5  | 25.6  | 38.4  |
| 141       | 68.9  | 35.4  | 53.0# |



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





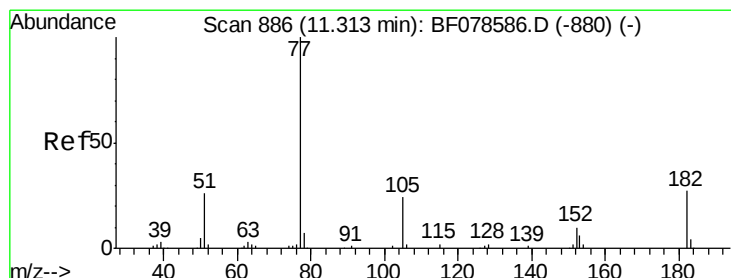
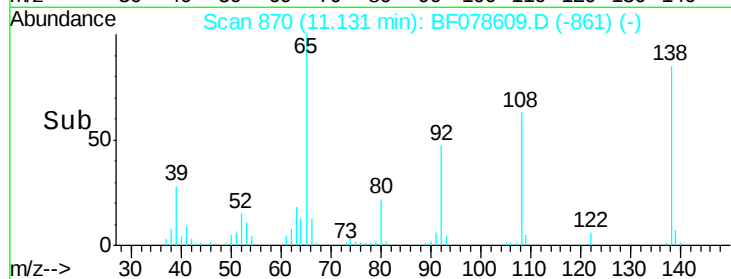
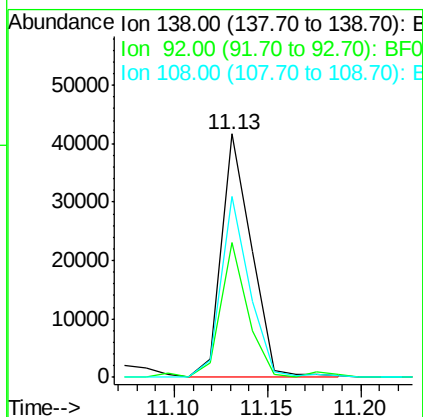
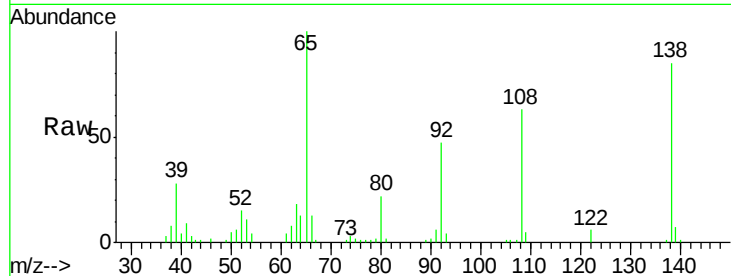
#61  
4-Nitroaniline  
Concen: 26.48 ng  
RT: 11.13 min Scan# 870  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.4  | 27.3  | 67.3  |
| 108     | 74.2  | 47.2  | 87.2  |

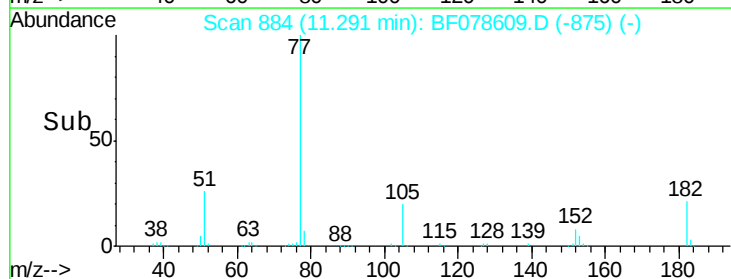
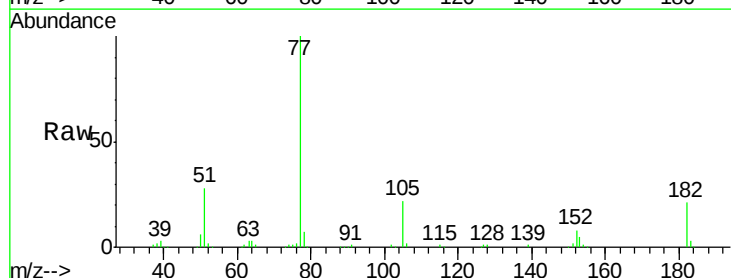
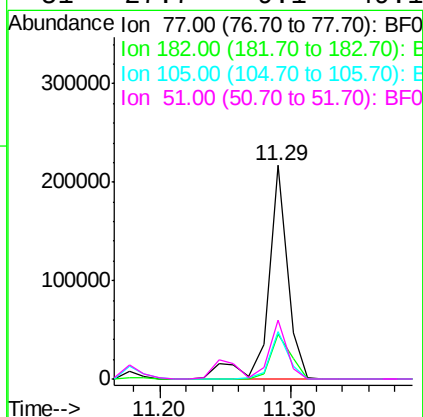
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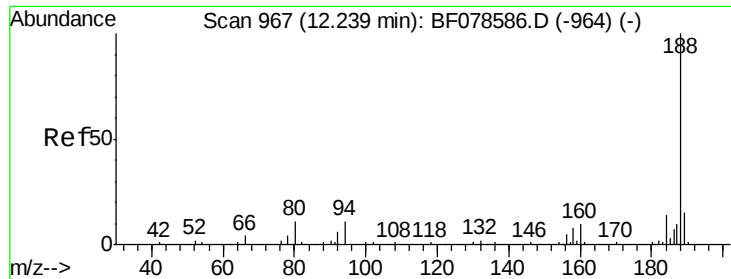
apatel  
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#62  
Azobenzene  
Concen: 34.53 ng  
RT: 11.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.2  | 0.0   | 36.8  |
| 105     | 22.0  | 0.3   | 40.3  |
| 51      | 27.7  | 9.1   | 49.1  |





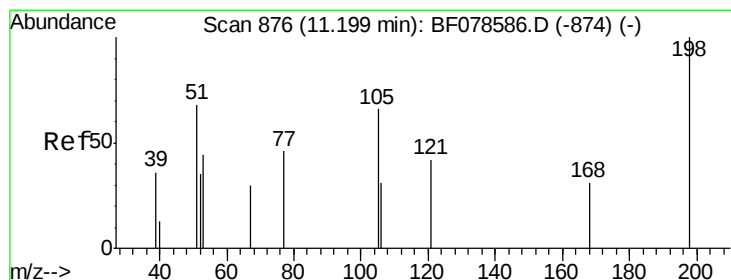
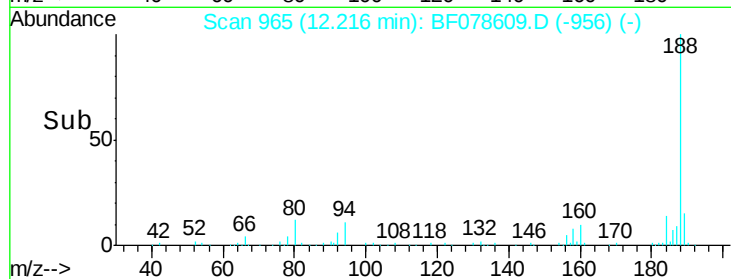
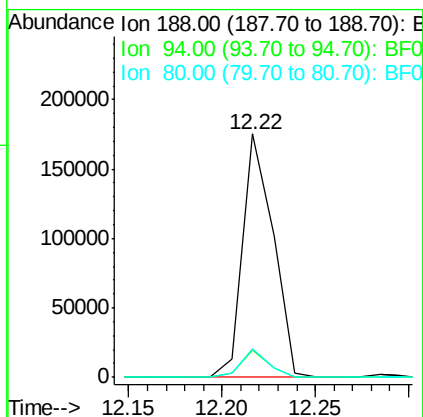
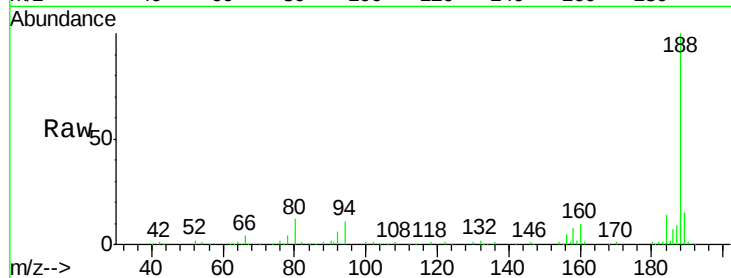
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.22 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 201057 |       |       |
| 94      | 11.1  |        | 9.0   | 13.4  |
| 80      | 11.5  |        | 9.5   | 14.3  |

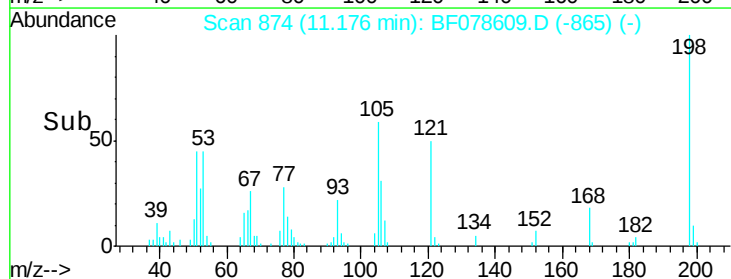
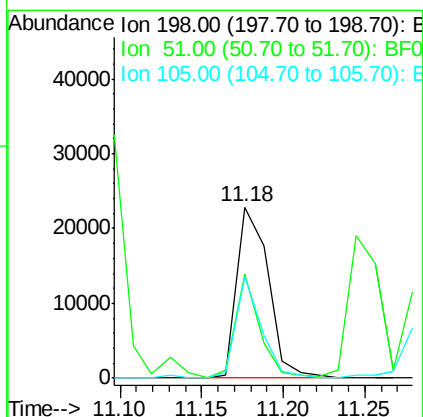
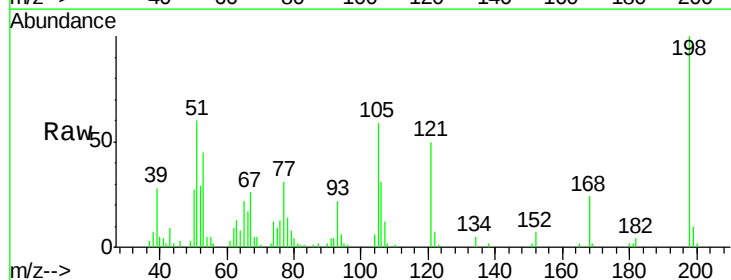
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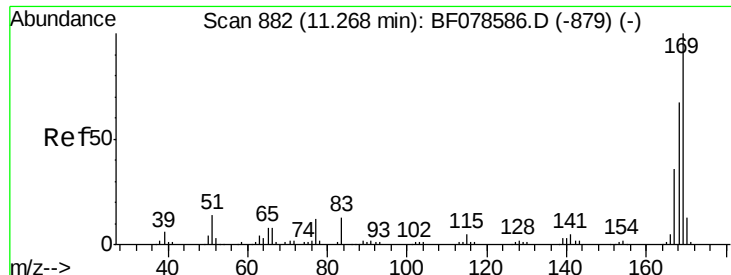
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.67 ng  
RT: 11.18 min Scan# 874  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 30497 |       |       |
| 51      | 60.5  |       | 48.6  | 88.6  |
| 105     | 59.0  |       | 45.8  | 85.8  |





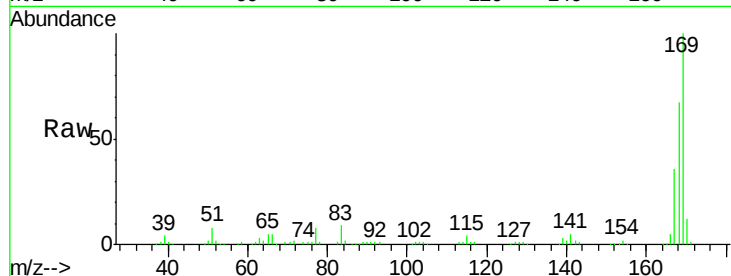
#65  
n-Nitrosodiphenylamine  
Concen: 28.21 ng  
RT: 11.26 min Scan# 881  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

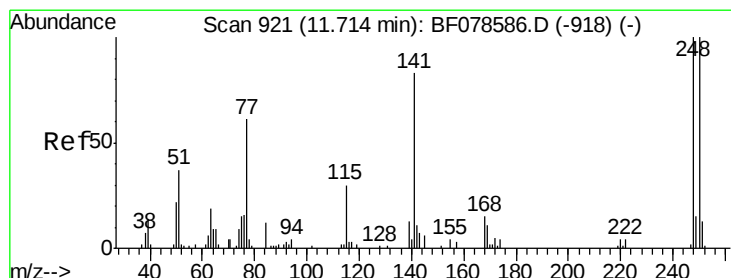
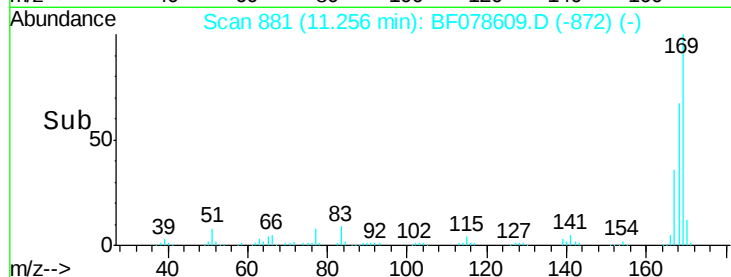
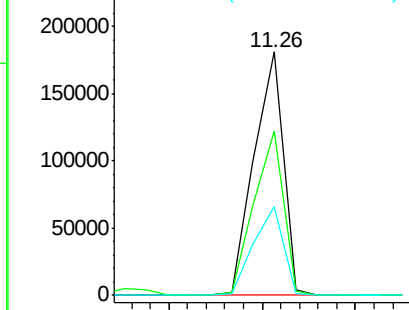
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 196162 |       |       |
| 168     | 67.3  | 55.0   | 82.4  |       |
| 167     | 36.2  | 29.3   | 43.9  |       |

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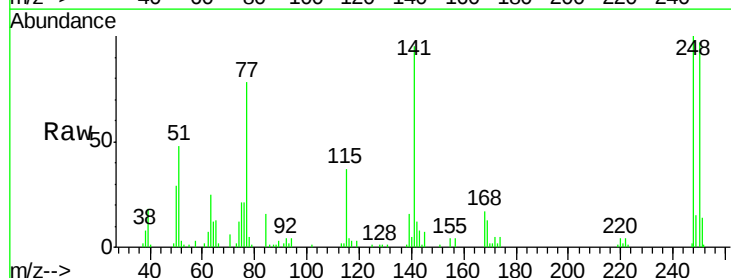


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

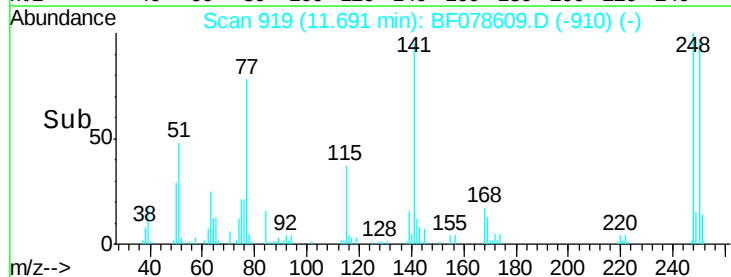
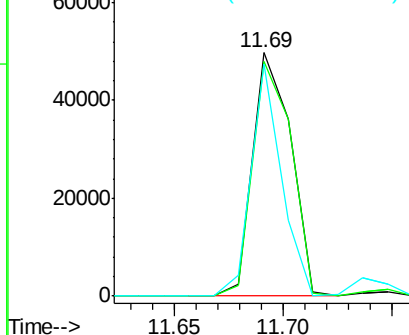


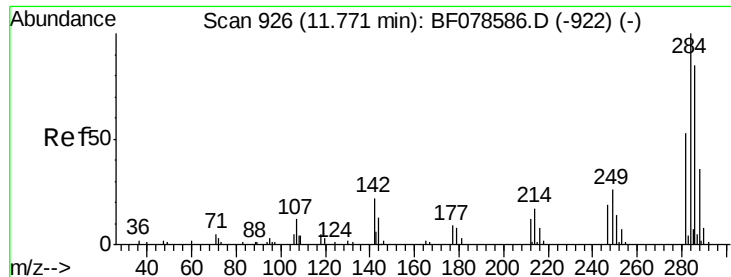
#66  
4-Bromophenyl-phenylether  
Concen: 28.79 ng  
RT: 11.69 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 61292 |       |       |
| 250     | 96.6  | 78.2  | 117.2 |       |
| 141     | 95.1  | 66.4  | 99.6  |       |



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





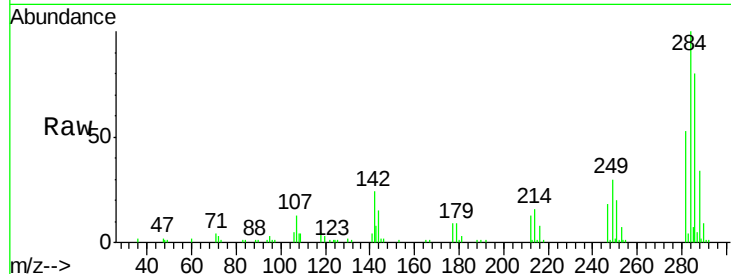
#67  
Hexachlorobenzene  
Concen: 28.73 ng  
RT: 11.75 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

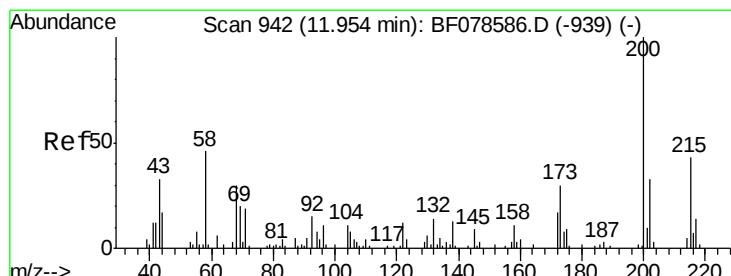
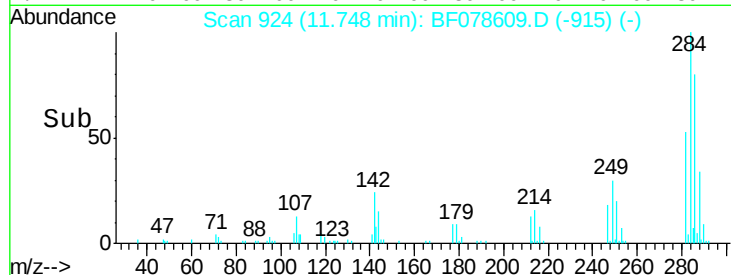
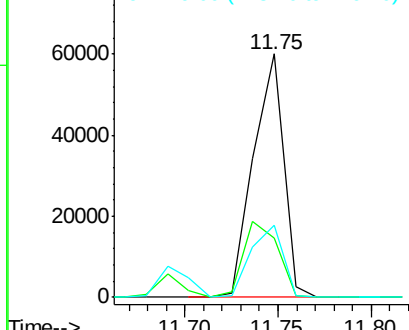
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.2  | 24.5  | 36.7# |
| 249     | 29.8  | 24.8  | 37.2  |

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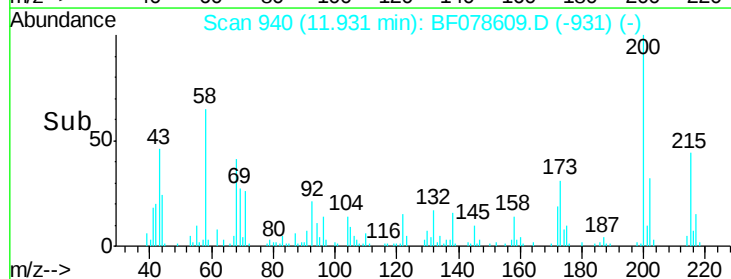
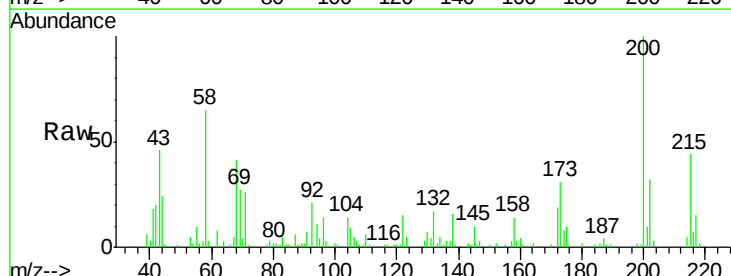
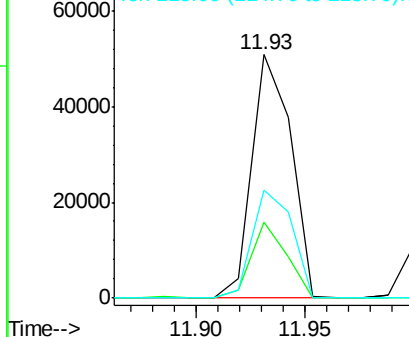
Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

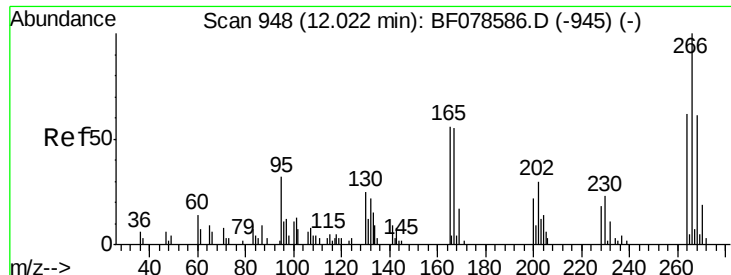


#68  
Atrazine  
Concen: 31.68 ng  
RT: 11.93 min Scan# 940  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 31.3  | 6.9   | 46.9  |
| 215     | 44.1  | 27.1  | 67.1  |

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





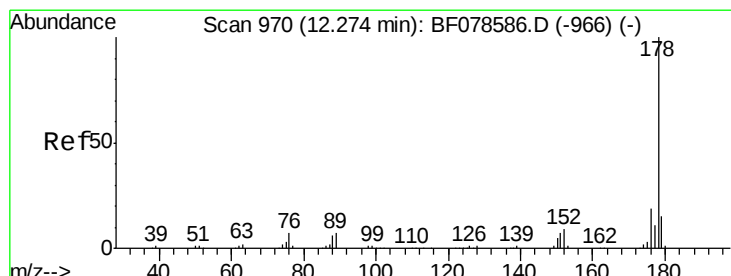
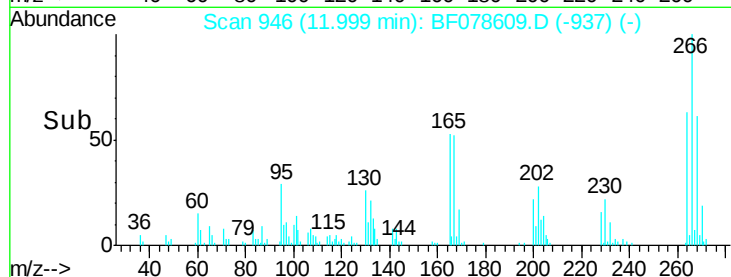
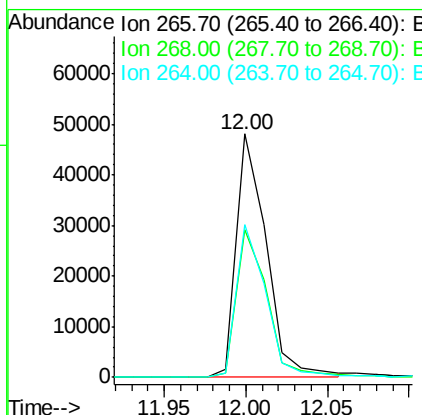
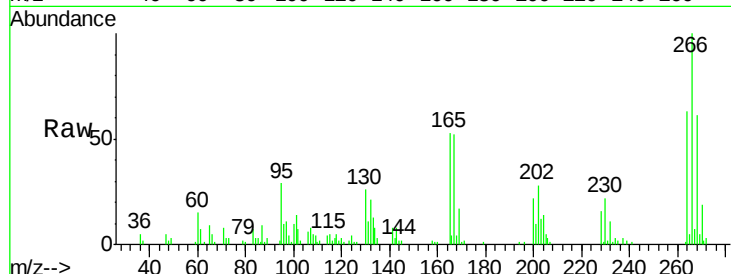
#69  
 Pentachlorophenol  
 Concen: 60.80 ng  
 RT: 12.00 min Scan# 946  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 60.8  | 50.1  | 75.1  |
| 264     | 62.7  | 50.0  | 75.0  |

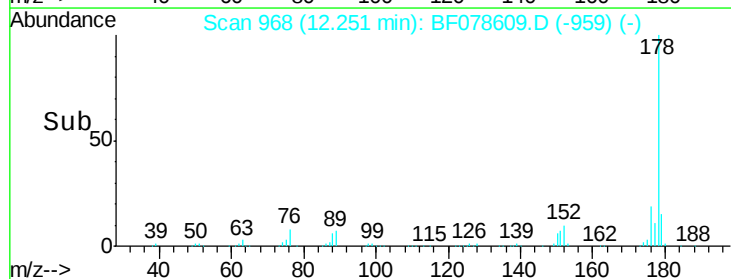
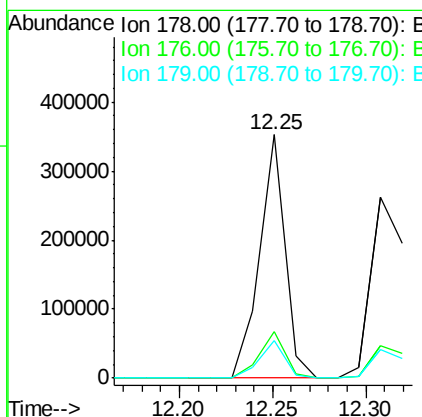
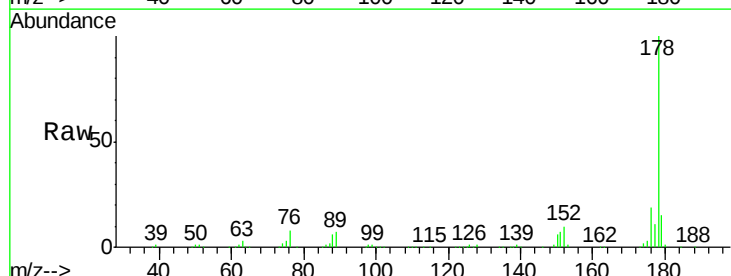
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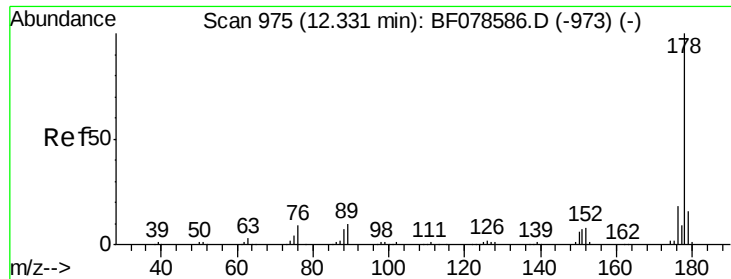
apatel  
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#70  
 Phenanthrene  
 Concen: 28.65 ng  
 RT: 12.25 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.0  |
| 179     | 15.4  | 12.2  | 18.2  |





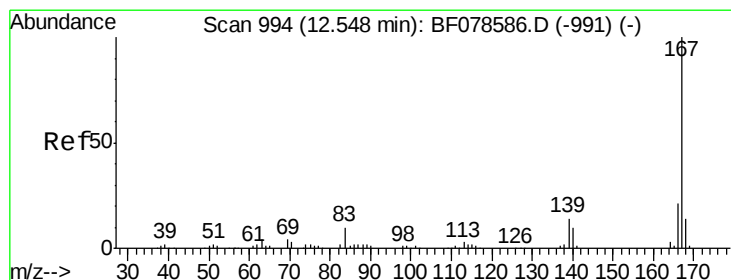
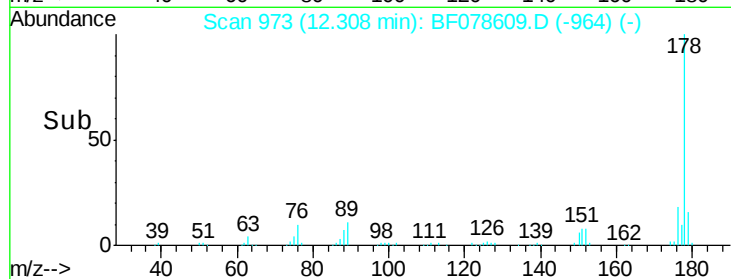
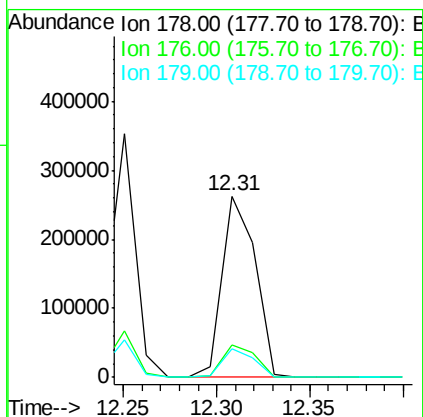
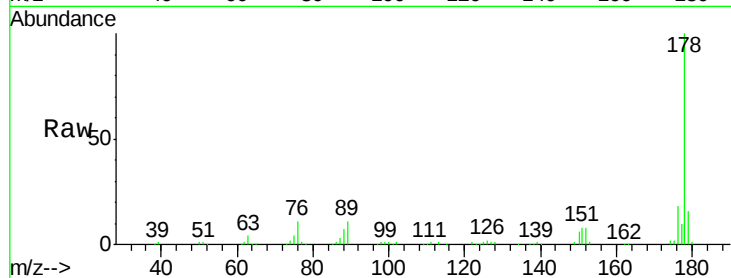
#71  
 Anthracene  
 Concen: 28.56 ng  
 RT: 12.31 min Scan# 973  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 14.8  | 22.2  |
| 179     | 15.7  | 12.4  | 18.6  |

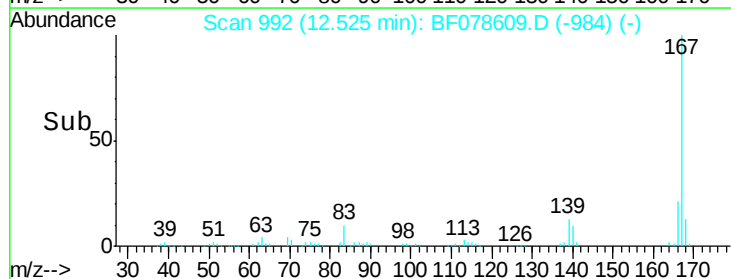
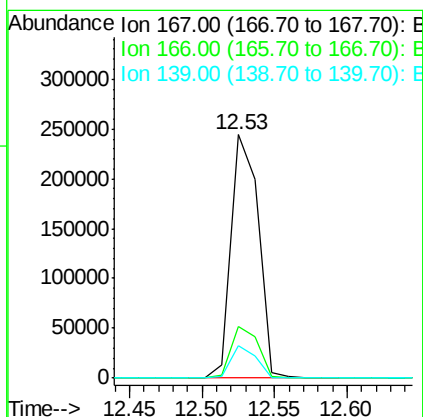
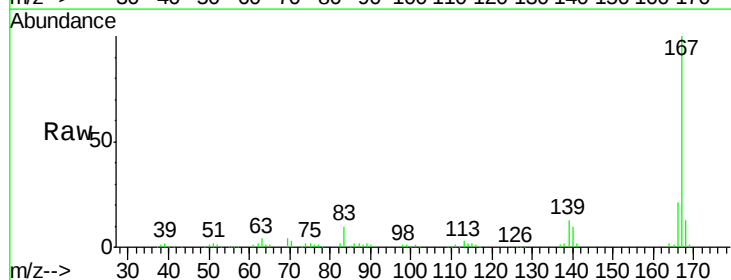
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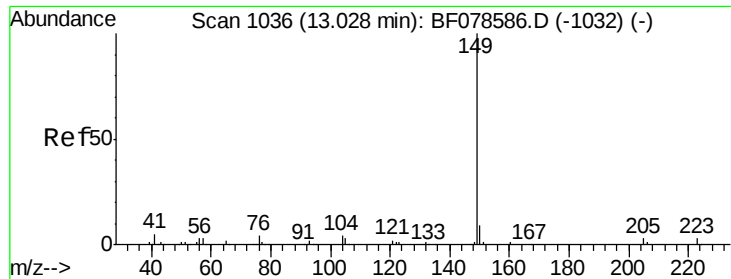
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#72  
 Carbazole  
 Concen: 29.67 ng  
 RT: 12.53 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 16.8  | 25.2  |
| 139     | 13.2  | 10.0  | 15.0  |





#73

Di-n-butylphthalate

Concen: 33.98 ng

RT: 13.01 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

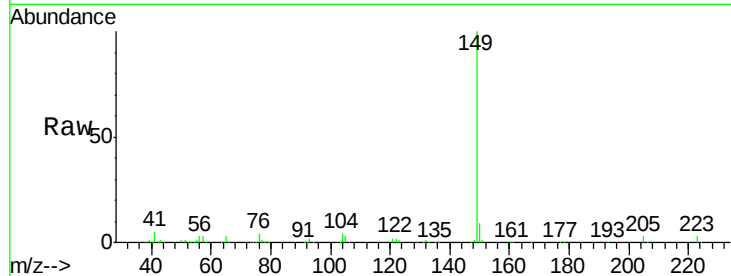
ClientSampleId :

PB82843BS

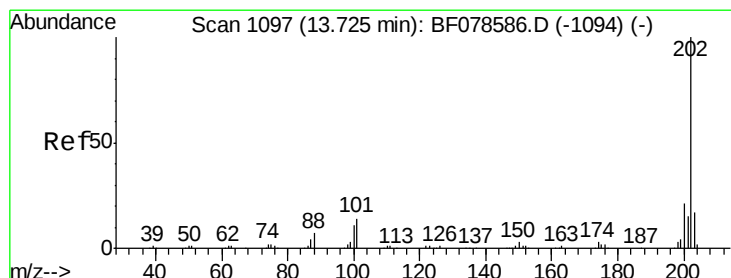
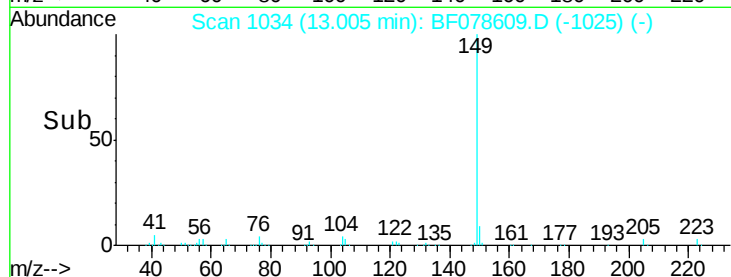
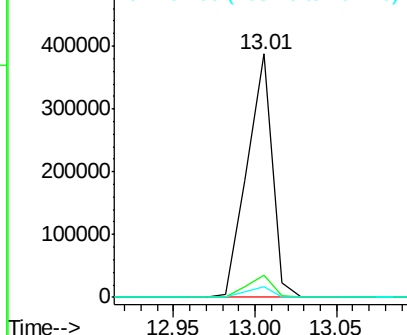
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 413443 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 7.1   | 10.7   |
| 104       | 4.3   | 3.8   | 5.6    |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.87 ng

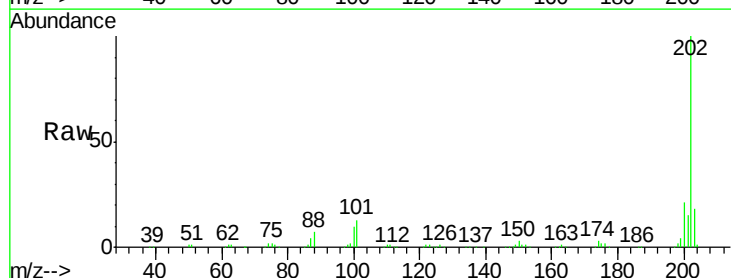
RT: 13.70 min Scan# 1095

Delta R.T. -0.00 min

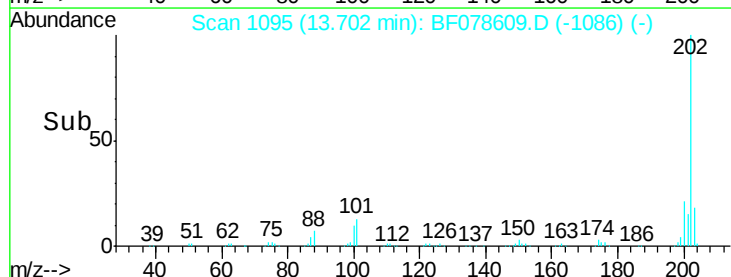
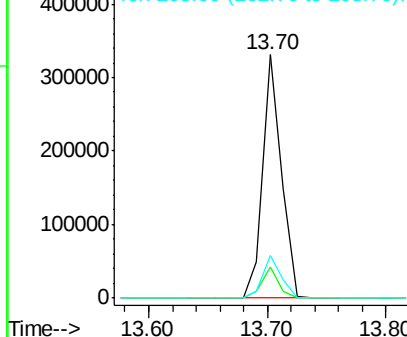
Lab File: BF078609.D

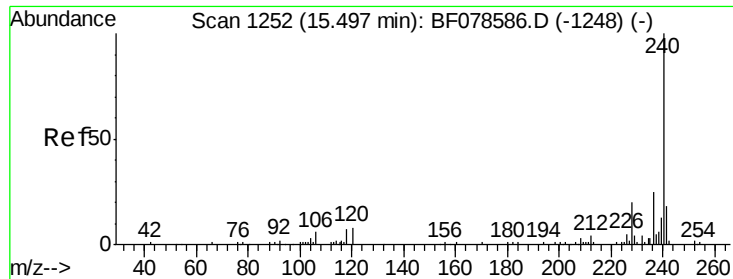
Acq: 17 Apr 2015 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 366361 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.8  | 0.0   | 35.2   |
| 203       | 17.7  | 0.0   | 38.5   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

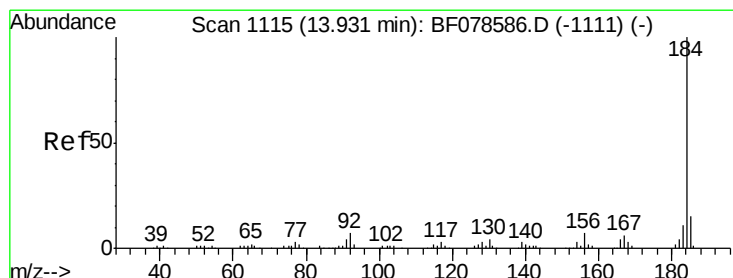
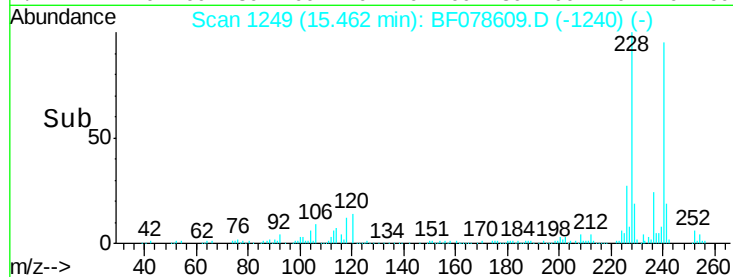
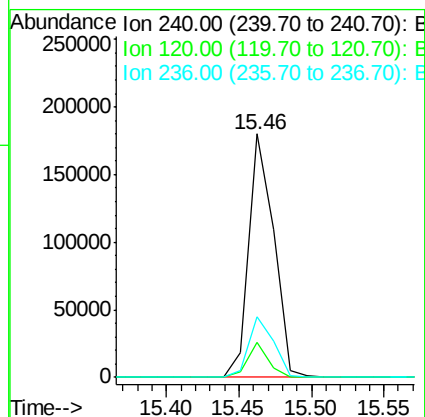
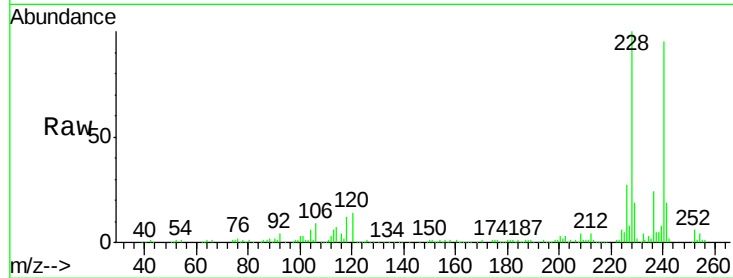
ClientSampleId :

PB82843BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 14.6  | 7.1  | 10.7  |       |
| 236     | 25.0  | 21.4 | 32.2  |       |

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#76

Benzidine

Concen: 23.23 ng

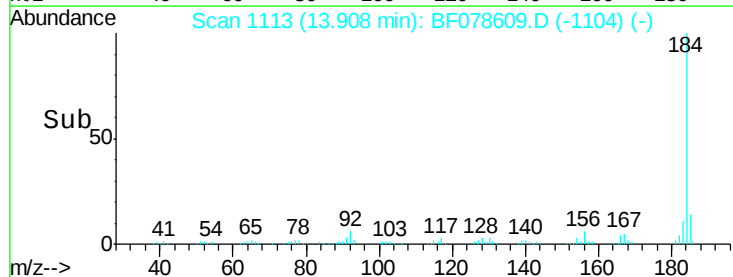
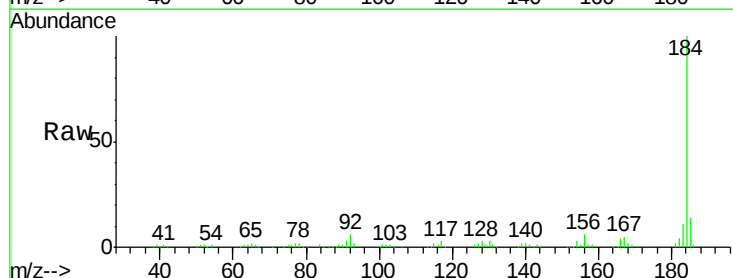
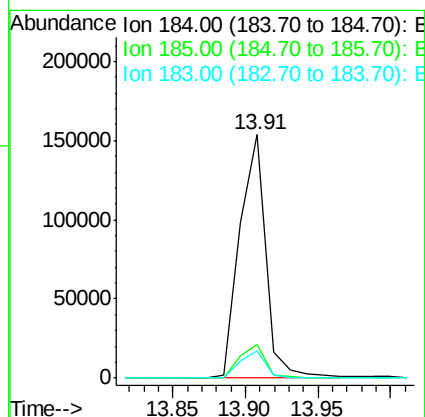
RT: 13.91 min Scan# 1113

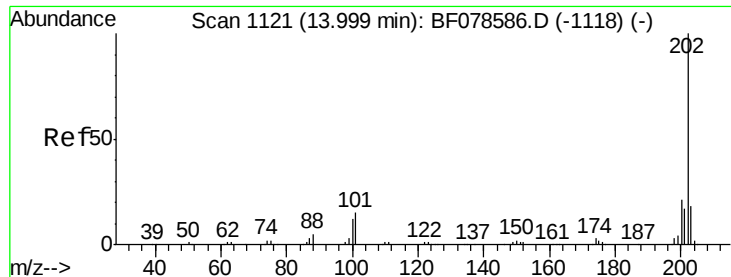
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.1  | 12.2 | 18.2  |       |
| 183     | 11.3  | 9.5  | 14.3  |       |





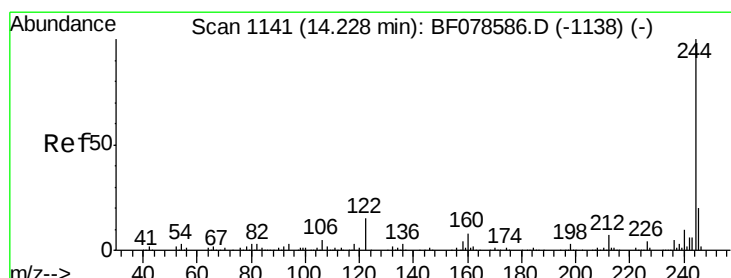
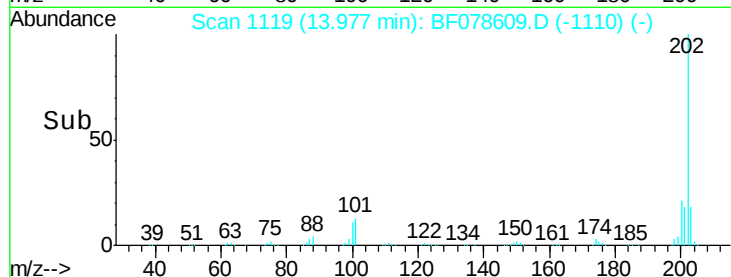
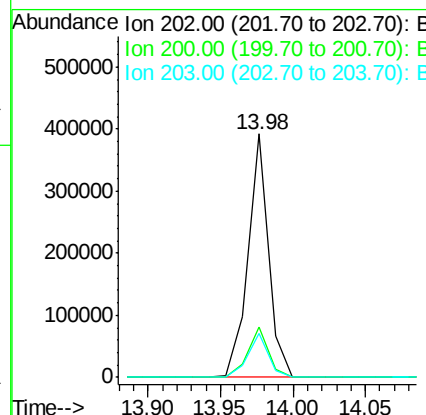
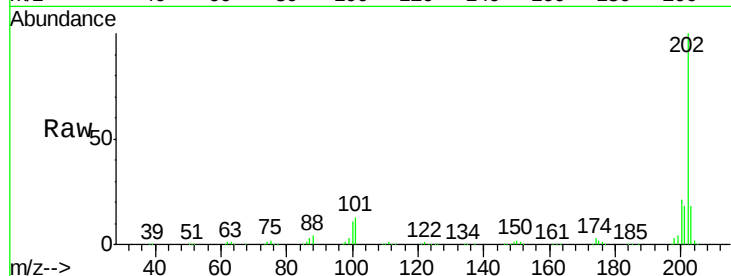
#77  
Pvrene  
Concen: 28.49 ng  
RT: 13.98 min Scan# 1119  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 385631 |       |       |
| 200     | 20.9 | 16.3  | 24.5   |       |       |
| 203     | 18.2 | 13.8  | 20.6   |       |       |

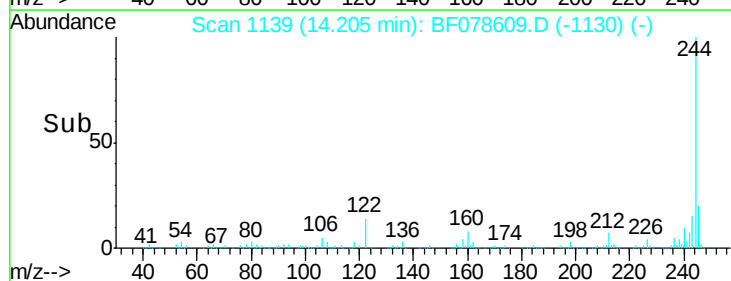
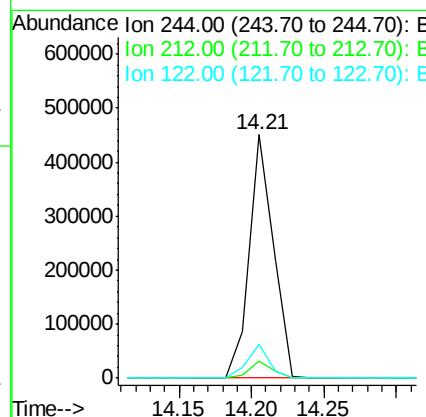
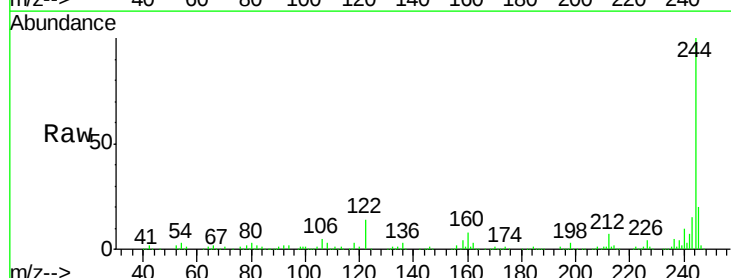
Manual Integrations  
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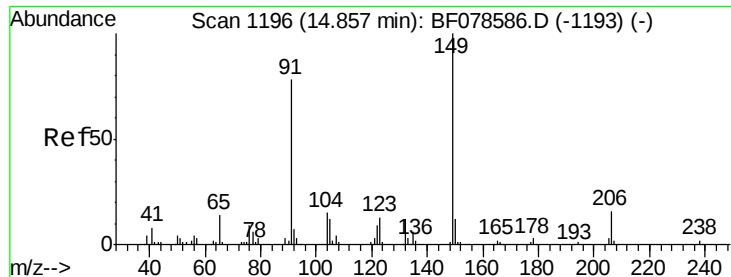
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#78  
Terphenyl-d14  
Concen: 54.56 ng  
RT: 14.21 min Scan# 1139  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 244     | 100  |       | 520605 |       |       |
| 212     | 7.1  | 5.0   | 7.4    |       |       |
| 122     | 13.7 | 7.1   | 10.7#  |       |       |





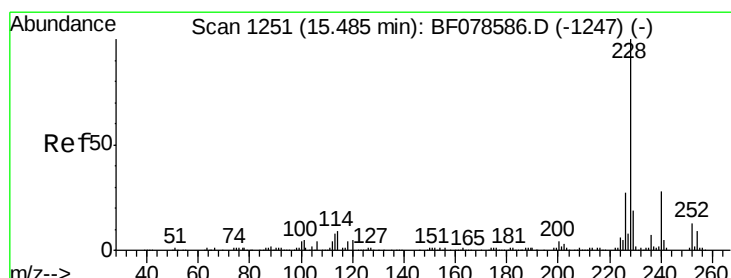
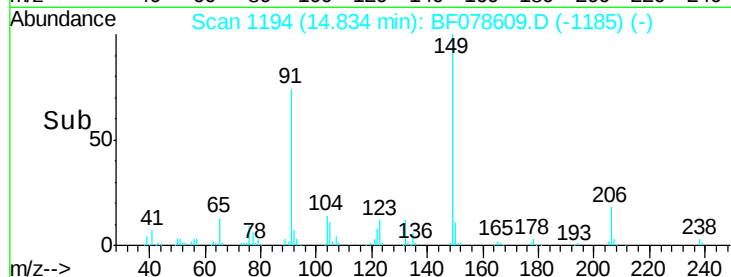
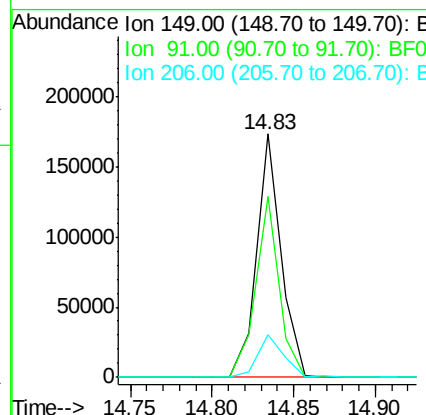
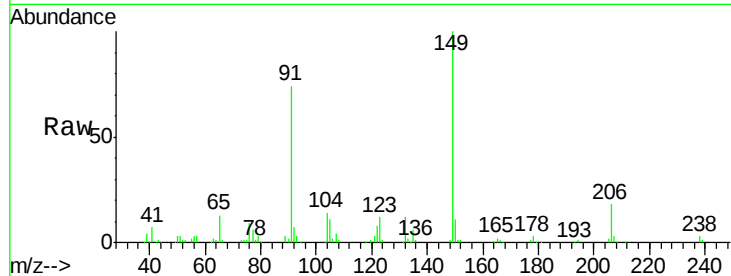
#79  
Butylbenzylphthalate  
Concen: 35.02 ng  
RT: 14.83 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 180648 |       |       |
| 91      | 74.3  | 64.2   | 96.2  |       |
| 206     | 17.5  | 12.6   | 18.8  |       |

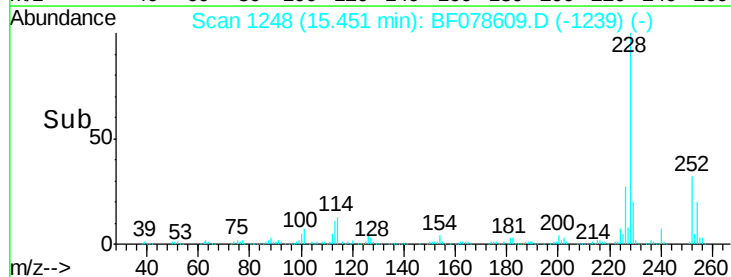
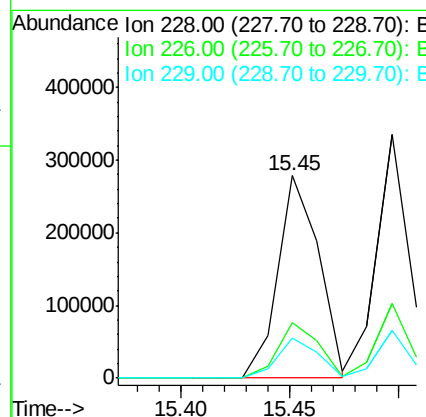
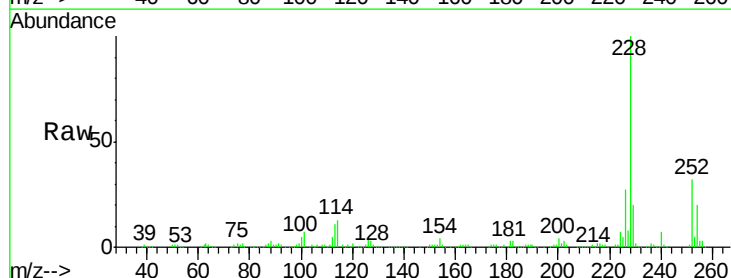
Manual Integrations  
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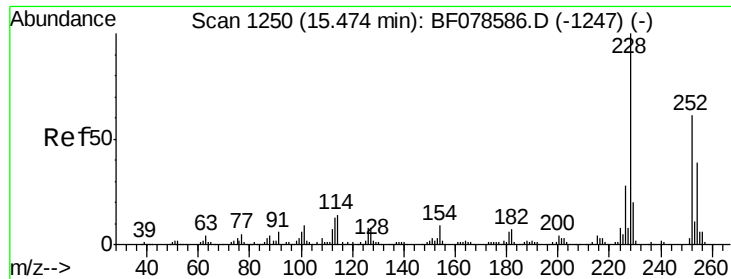
apatel  
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#80  
Benzo(a)anthracene  
Concen: 28.72 ng  
RT: 15.45 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 368442 |       |       |
| 226     | 27.4  | 21.3   | 31.9  |       |
| 229     | 19.7  | 15.4   | 23.2  |       |





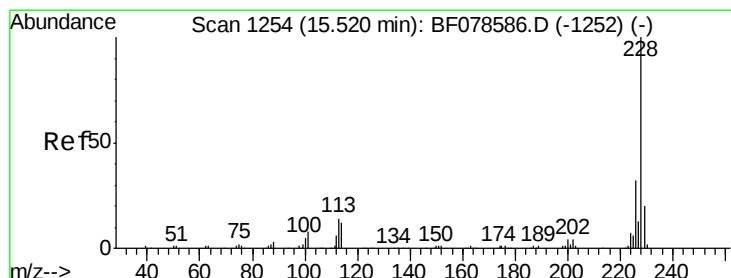
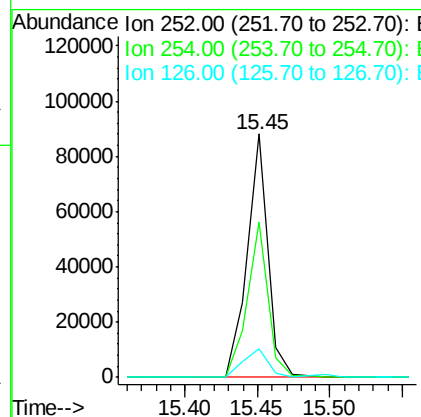
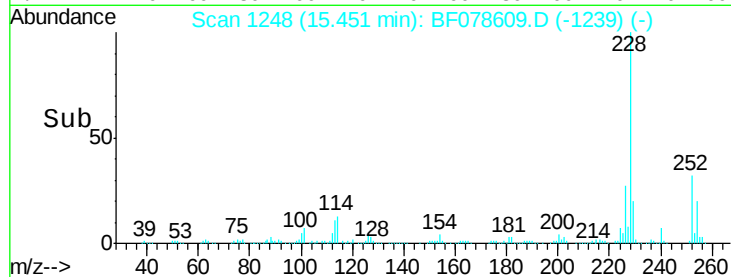
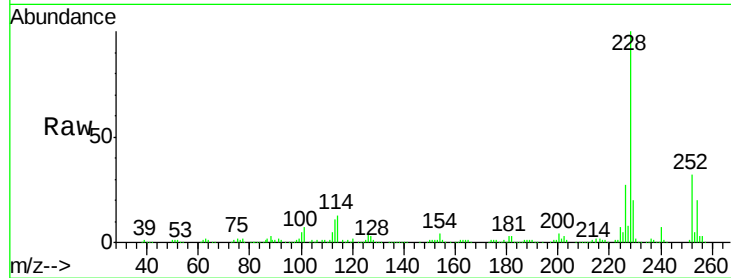
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.51 ng  
 RT: 15.45 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 254     | 63.7  | 51.2 | 76.8  |       |
| 126     | 11.6  | 6.3  | 9.5   |       |

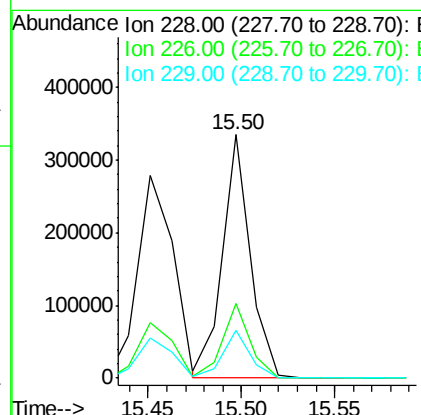
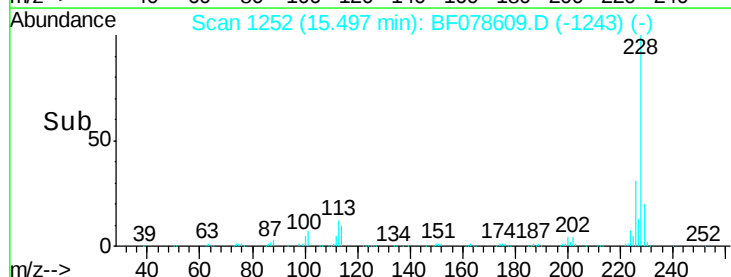
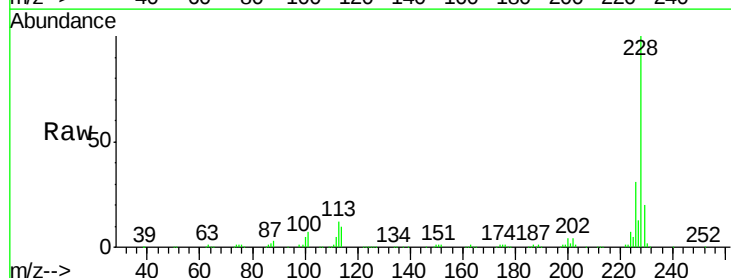
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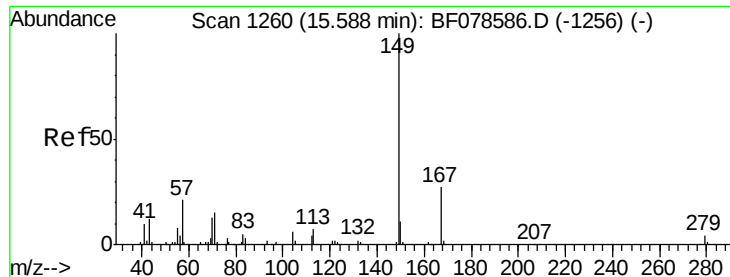
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#82  
 Chrysene  
 Concen: 28.82 ng  
 RT: 15.50 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 30.6  | 24.2 | 36.4  |       |
| 229     | 19.8  | 15.8 | 23.8  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.61 ng

RT: 15.57 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

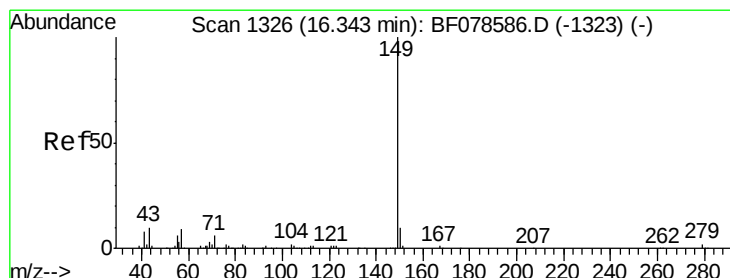
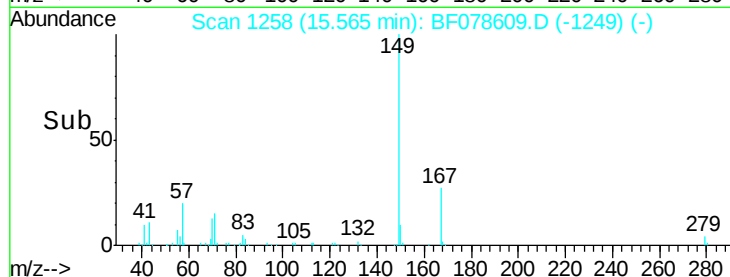
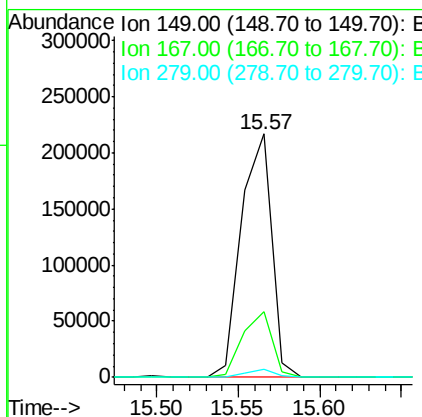
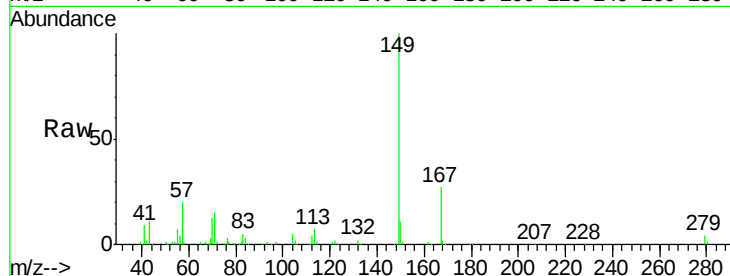
ClientSampled :

PB82843BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 149  | Resp: | 280004 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 26.7 | 22.2  | 33.2   |
| 279       | 3.6  | 3.2   | 4.8    |

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#84

Di-n-octyl phthalate

Concen: 36.54 ng

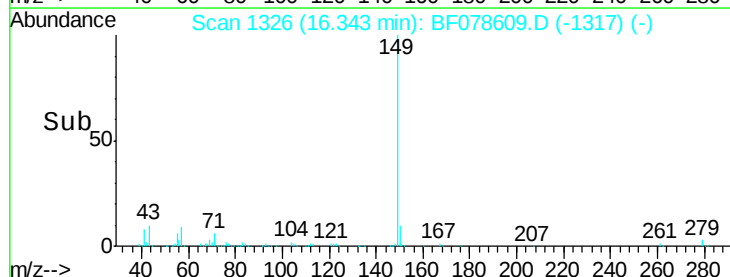
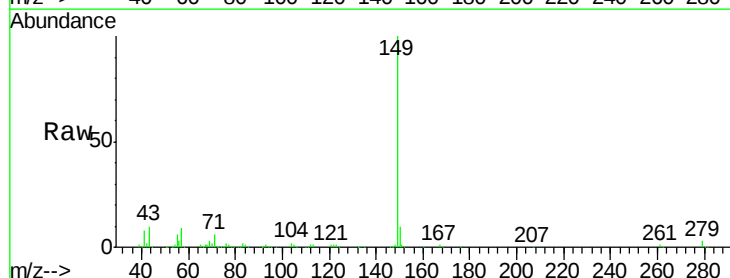
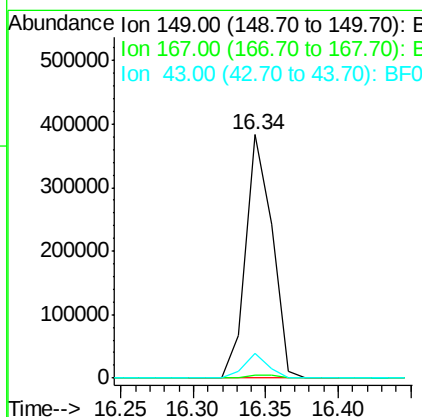
RT: 16.34 min Scan# 1326

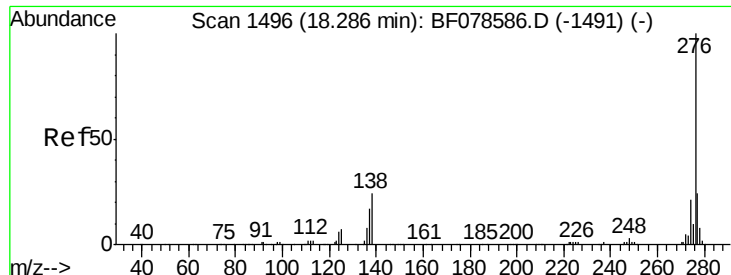
Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |     |       |        |
|-----------|-----|-------|--------|
| Tgt Ion:  | 149 | Resp: | 485472 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.5 | 0.0   | 0.0#   |
| 43        | 9.4 | 0.0   | 0.0#   |





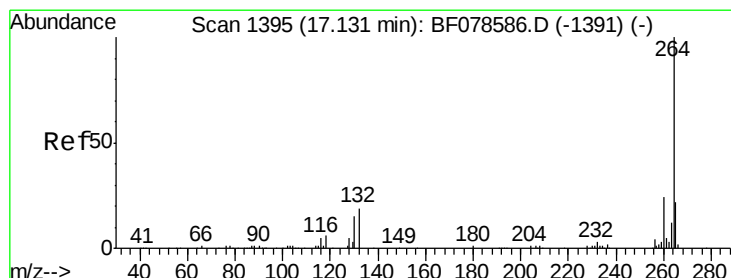
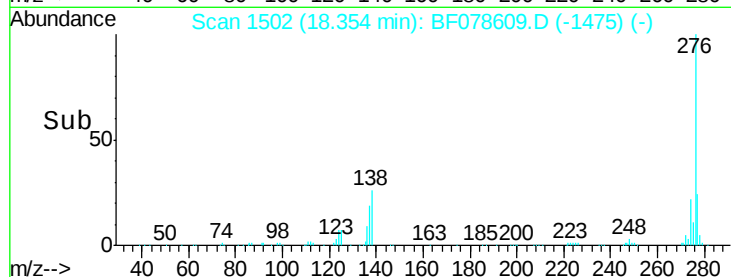
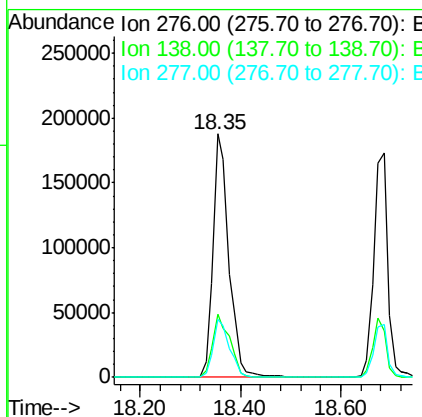
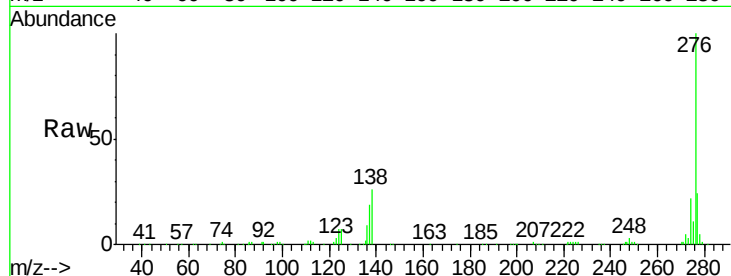
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 30.09 ng  
 RT: 18.35 min Scan# 1502  
 Delta R.T. 0.01 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.3  | 16.9  | 25.3# |
| 277     | 24.7  | 15.8  | 23.6# |

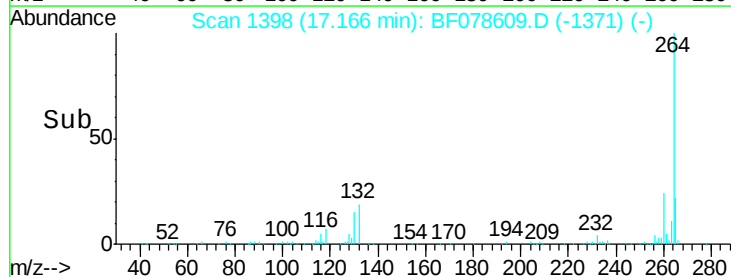
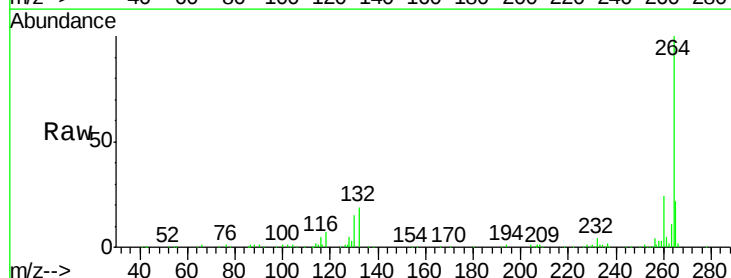
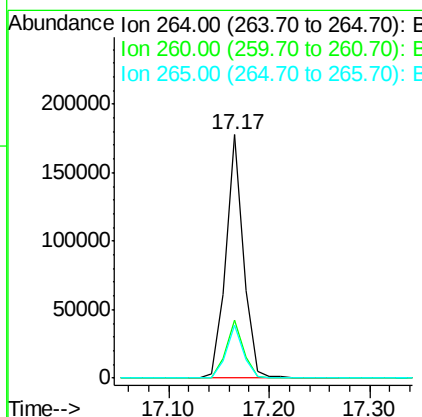
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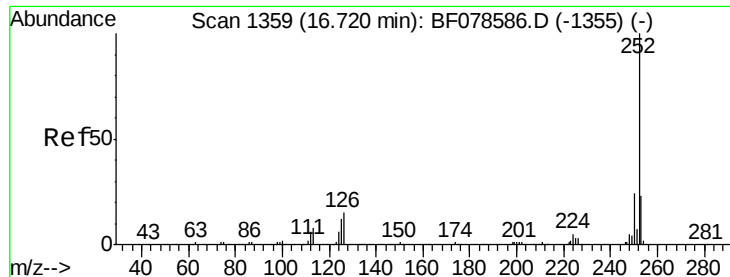
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.17 min Scan# 1398  
 Delta R.T. 0.01 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.6  | 27.8  |
| 265     | 21.5  | 17.0  | 25.6  |





#87

Benzo(b)fluoranthene

Concen: 32.23 ng

RT: 16.73 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

Instrument :

BNA\_F

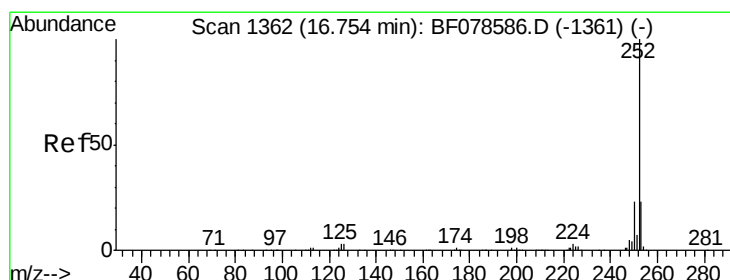
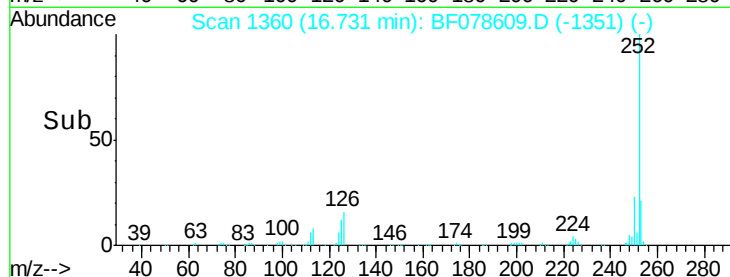
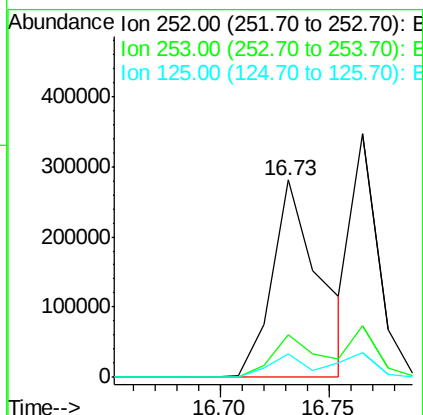
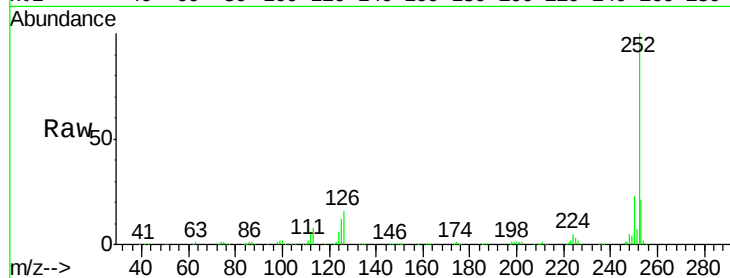
ClientSampleId :

PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 430747 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.4  | 17.2  | 25.8   |
| 125       | 11.7  | 7.0   | 10.4#  |

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#88

Benzo(k)fluoranthene

Concen: 24.75 ng m

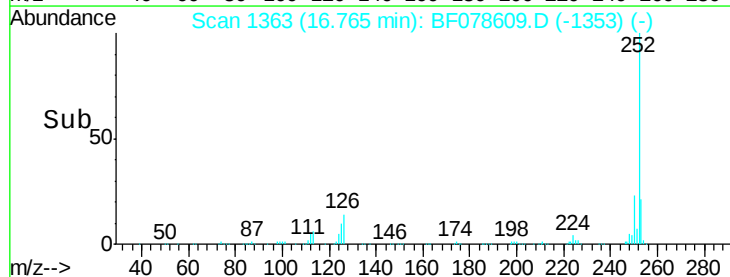
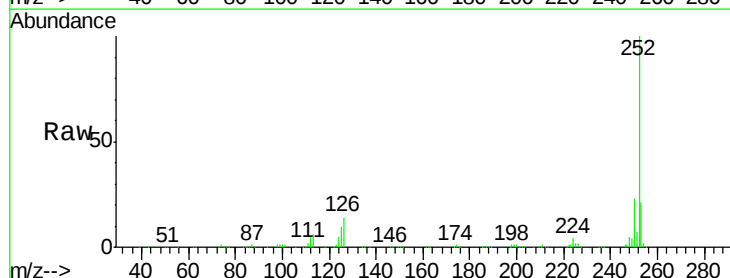
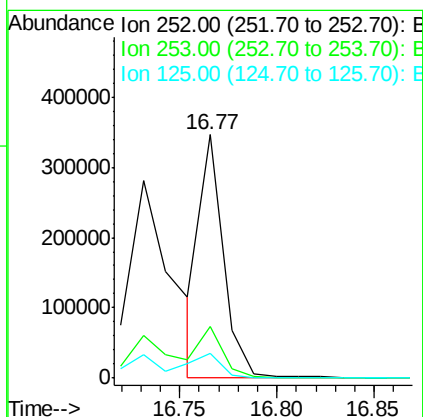
RT: 16.77 min Scan# 1363

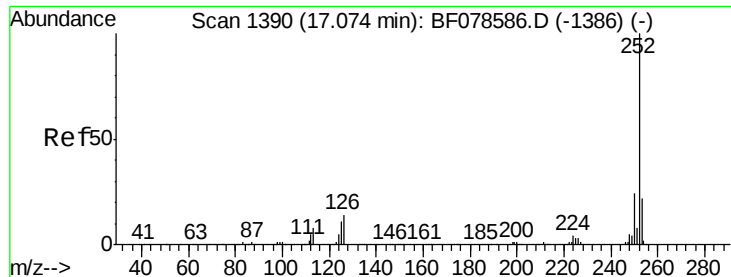
Delta R.T. 0.01 min

Lab File: BF078609.D

Acq: 17 Apr 2015 17:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 293930 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 17.5  | 26.3   |
| 125       | 10.3  | 11.6  | 17.4#  |





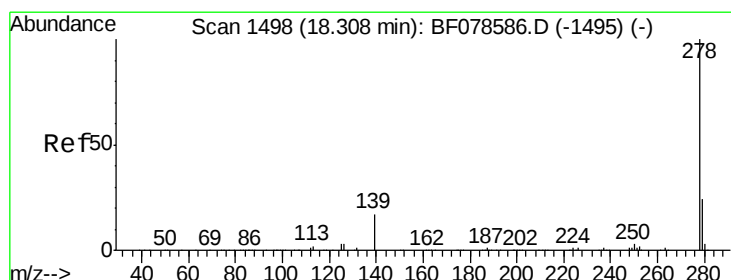
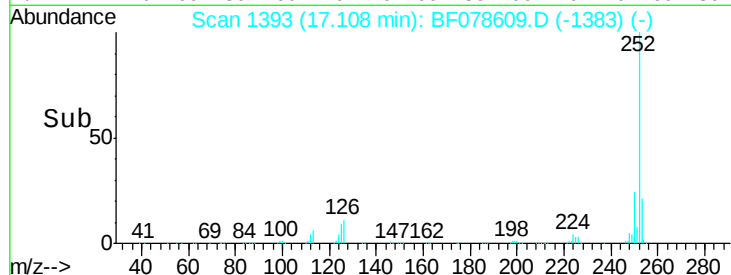
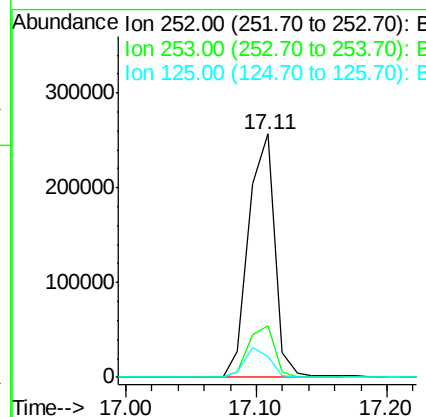
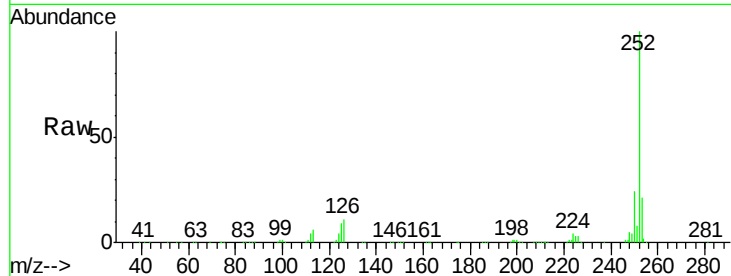
#89  
Benzo(a)pyrene  
Concen: 30.98 ng  
RT: 17.11 min Scan# 1393  
Delta R.T. 0.01 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
PB82843BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 252  | Resp: | 361351 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 21.2 | 16.8  | 25.2   |
| 125       | 8.8  | 7.4   | 11.0   |

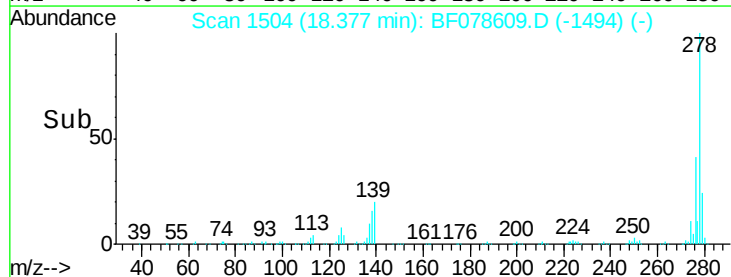
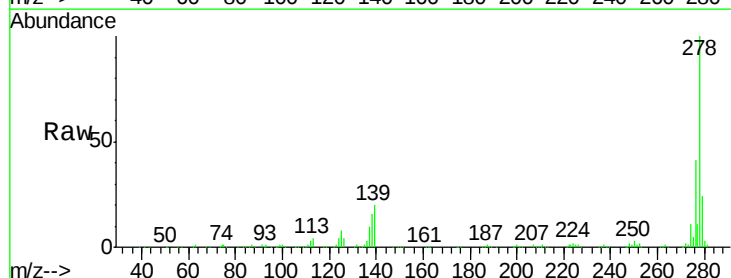
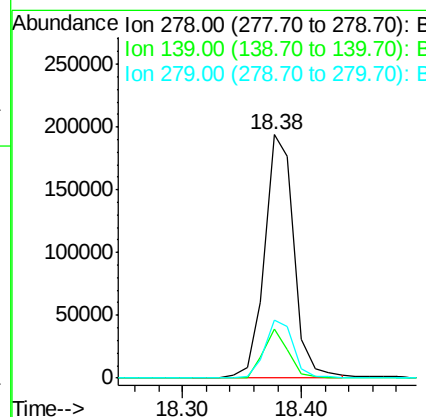
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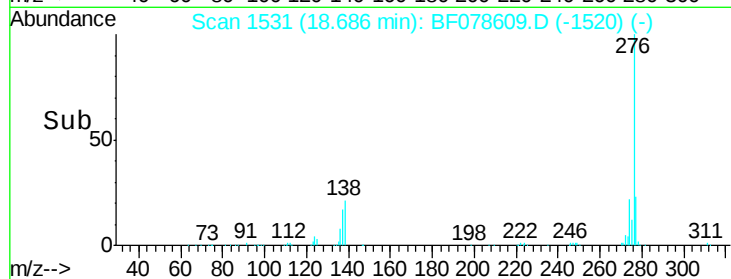
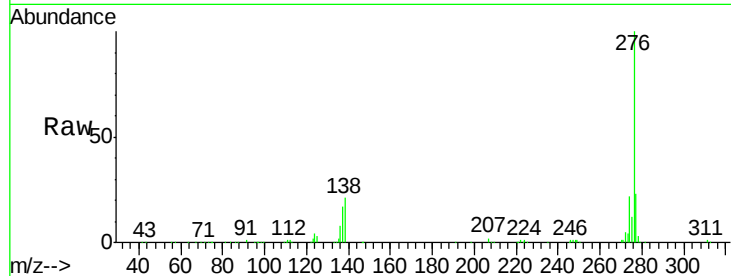
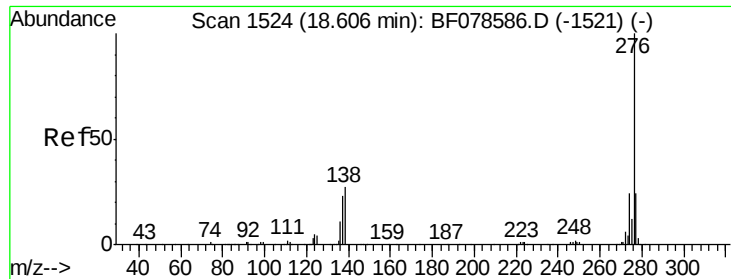
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#90  
Dibenzo(a,h)anthracene  
Concen: 28.66 ng  
RT: 18.38 min Scan# 1504  
Delta R.T. 0.01 min  
Lab File: BF078609.D  
Acq: 17 Apr 2015 17:03

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 278  | Resp: | 334604 |
| Ion Ratio |      | Lower | Upper  |
| 278       | 100  |       |        |
| 139       | 20.2 | 13.6  | 20.4   |
| 279       | 24.1 | 19.0  | 28.6   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 28.49 ng  
 RT: 18.69 min Scan# 1531  
 Delta R.T. 0.02 min  
 Lab File: BF078609.D  
 Acq: 17 Apr 2015 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82843BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 333565 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.4  | 19.0  | 28.4   |
| 138       | 20.8  | 19.9  | 29.9   |

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