

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\  
 Data File : BF079431.D  
 Acq On : 22 May 2015 14:11  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

apatel  
 5/27/2015 8:15:12 AM

Quant Time: May 22 22:53:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 22 22:50:43 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.05  | 152  | 55108    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.63  | 136  | 230365   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 10.80 | 164  | 108962   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 12.64 | 188  | 205961   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 15.97 | 240  | 209966   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.85 | 264  | 212516   | 20.00 | ng    | 0.06     |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.32  | 112 | 282026m | 88.09 | ng | -0.02 |
| 7) Phenol-d6                | 6.63  | 99  | 359992  | 85.07 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.75  | 82  | 338693  | 84.50 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 11.78 | 330 | 100771  | 85.49 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 9.98  | 172 | 658120  | 84.15 | ng | -0.02 |
| 78) Terphenyl-d14           | 14.63 | 244 | 751732  | 85.72 | ng | -0.02 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 1.90 | 88  | 72906m  | 52.38  | ng |      |
| 3) Pyridine                    | 2.57 | 79  | 157742m | 38.72  | ng |      |
| 4) n-Nitrosodimethylamine      | 2.49 | 42  | 71350m  | 40.88  | ng |      |
| 6) Aniline                     | 6.64 | 93  | 253432m | 42.43  | ng |      |
| 8) 2-Chlorophenol              | 6.79 | 128 | 160305m | 44.15  | ng |      |
| 9) Benzaldehyde                | 6.50 | 77  | 103956m | 36.47  | ng |      |
| 10) Phenol                     | 6.65 | 94  | 206654m | 42.10  | ng |      |
| 11) bis(2-Chloroethyl)ether    | 6.75 | 93  | 147682  | 41.04  | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 6.97 | 146 | 178818  | 43.81  | ng | # 91 |
| 13) 1,4-Dichlorobenzene        | 7.07 | 146 | 182423  | 43.43  | ng | 100  |
| 14) 1,2-Dichlorobenzene        | 7.26 | 146 | 170622  | 43.64  | ng | 98   |
| 15) Benzyl Alcohol             | 7.24 | 79  | 133424m | 42.47  | ng |      |
| 16) 2,2'-oxybis(1-Chloropropan | 7.43 | 45  | 208877  | 37.94  | ng | 92   |
| 17) 2-Methylphenol             | 7.39 | 107 | 122796  | 42.02  | ng | # 94 |
| 18) Hexachloroethane           | 7.67 | 117 | 62231   | 43.02  | ng | # 88 |
| 19) n-Nitroso-di-n-propylamine | 7.58 | 70  | 117243  | 41.02  | ng | 98   |
| 20) 3+4-Methylphenols          | 7.60 | 107 | 168795  | 43.35  | ng | # 43 |
| 22) Acetophenone               | 7.56 | 105 | 216789  | 41.65  | ng | # 91 |
| 24) Nitrobenzene               | 7.77 | 77  | 171580  | 43.19  | ng | 94   |
| 25) Isophorone                 | 8.08 | 82  | 312405  | 42.04  | ng | 99   |
| 26) 2-Nitrophenol              | 8.17 | 139 | 77272   | 46.99  | ng | 97   |
| 27) 2,4-Dimethylphenol         | 8.24 | 122 | 144840  | 44.02  | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 8.36 | 93  | 187910  | 41.02  | ng | # 98 |
| 29) 2,4-Dichlorophenol         | 8.47 | 162 | 130985  | 44.76  | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 8.57 | 180 | 134451  | 41.83  | ng | 97   |
| 31) Naphthalene                | 8.65 | 128 | 463148  | 42.19  | ng | 100  |
| 32) Benzoic acid               | 8.38 | 122 | 93689m  | 45.79  | ng |      |
| 33) 4-Chloroaniline            | 8.74 | 127 | 199476  | 42.95  | ng | # 89 |
| 34) Hexachlorobutadiene        | 8.81 | 225 | 77612   | 41.93  | ng | 98   |
| 35) Caprolactam                | 9.18 | 113 | 39766   | 42.03  | ng | # 87 |
| 36) 4-Chloro-3-methylphenol    | 9.36 | 107 | 134611  | 43.80  | ng | 99   |
| 37) 2-Methylnaphthalene        | 9.52 | 142 | 331165  | 43.54  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.72 | 216 | 133981  | 43.66  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 9.70 | 237 | 46220   | 29.95  | ng | 96   |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

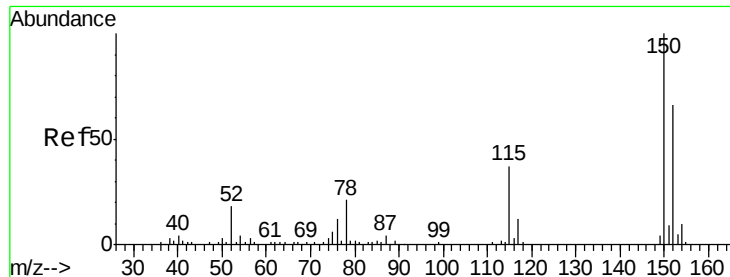
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 5/27/2015 8:15:12 AM

Quant Time: May 22 22:53:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.87  | 196  | 92643    | 43.91 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.92  | 196  | 94098    | 44.12 | nq #  | 86       |
| 45) 1,1'-Biphenyl              | 10.10 | 154  | 375107   | 43.30 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 10.11 | 162  | 287965   | 42.62 | nq    | 98       |
| 47) 2-Nitroaniline             | 10.25 | 65   | 84916    | 43.37 | nq    | 96       |
| 48) Acenaphthylene             | 10.63 | 152  | 482926   | 43.53 | nq    | 98       |
| 49) Dimethylphthalate          | 10.49 | 163  | 338854   | 42.37 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.57 | 165  | 68794    | 43.59 | nq    | 96       |
| 51) Acenaphthene               | 10.83 | 154  | 272140   | 41.14 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.76 | 138  | 88743    | 45.01 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 10.91 | 184  | 19616    | 43.14 | nq #  | 62       |
| 54) Dibenzofuran               | 11.05 | 168  | 406778   | 42.57 | nq    | 97       |
| 55) 4-Nitrophenol              | 11.00 | 139  | 47675    | 30.55 | nq #  | 71       |
| 56) 2,4-Dinitrotoluene         | 11.06 | 165  | 96656    | 46.33 | nq    | 89       |
| 57) Fluorene                   | 11.47 | 166  | 330379   | 42.12 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.21 | 232  | 68622    | 39.37 | nq    | 99       |
| 59) Diethylphthalate           | 11.37 | 149  | 335781   | 42.38 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 11.48 | 204  | 141700   | 40.72 | nq #  | 87       |
| 61) 4-Nitroaniline             | 11.52 | 138  | 92602    | 46.95 | nq    | 95       |
| 62) Azobenzene                 | 11.68 | 77   | 316207   | 40.51 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 11.57 | 198  | 38084    | 45.36 | nq #  | 62       |
| 65) n-Nitrosodiphenylamine     | 11.65 | 169  | 294756   | 42.97 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 89853    | 41.85 | nq    | 97       |
| 67) Hexachlorobenzene          | 12.15 | 284  | 102723   | 41.86 | nq    | 90       |
| 68) Atrazine                   | 12.32 | 200  | 83745    | 41.99 | nq    | 97       |
| 69) Pentachlorophenol          | 12.41 | 266  | 45373    | 35.74 | nq    | 98       |
| 70) Phenanthrene               | 12.66 | 178  | 488958   | 42.44 | nq    | 99       |
| 71) Anthracene                 | 12.73 | 178  | 496258   | 43.90 | nq    | 99       |
| 72) Carbazole                  | 12.94 | 167  | 457998   | 42.51 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.39 | 149  | 567992   | 43.96 | nq    | 98       |
| 74) Fluoranthene               | 14.14 | 202  | 506370   | 42.18 | nq    | 98       |
| 76) Benzidine                  | 14.33 | 184  | 285184   | 50.40 | nq    | 98       |
| 77) Pyrene                     | 14.42 | 202  | 535791   | 44.28 | nq    | 99       |
| 79) Butylbenzylphthalate       | 15.27 | 149  | 258442   | 48.87 | nq    | 96       |
| 80) Benzo(a)anthracene         | 15.95 | 228  | 501315   | 43.60 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.93 | 252  | 191369   | 46.73 | nq #  | 97       |
| 82) Chrysene                   | 16.00 | 228  | 477995   | 43.22 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.03 | 149  | 377815   | 47.16 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 16.89 | 149  | 665240   | 47.15 | nq #  | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.25 | 276  | 610328   | 43.32 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 17.36 | 252  | 490843m  | 42.20 | nq    |          |
| 88) Benzo(k)fluoranthene       | 17.39 | 252  | 515719m  | 45.80 | nq    |          |
| 89) Benzo(a)pyrene             | 17.77 | 252  | 480926   | 44.90 | nq #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 19.27 | 278  | 506908   | 44.53 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 19.65 | 276  | 499498   | 43.78 | nq    | 97       |

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





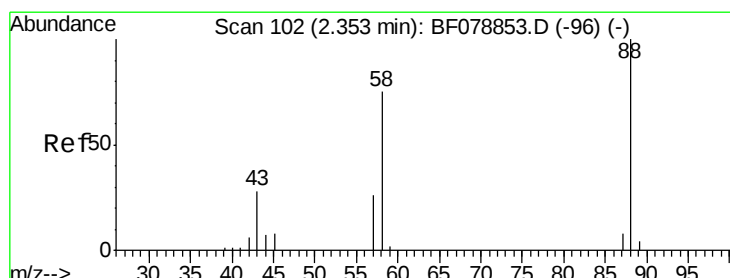
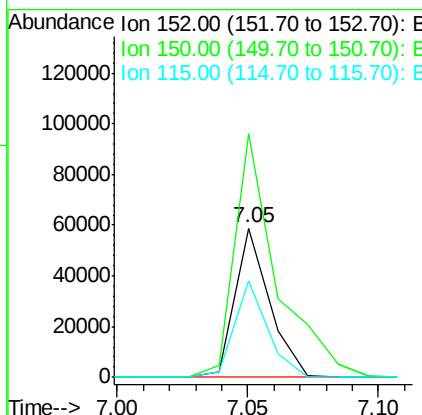
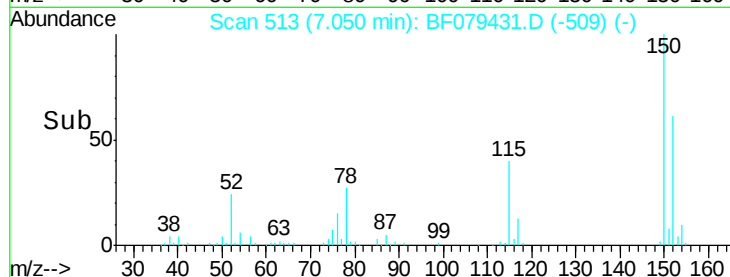
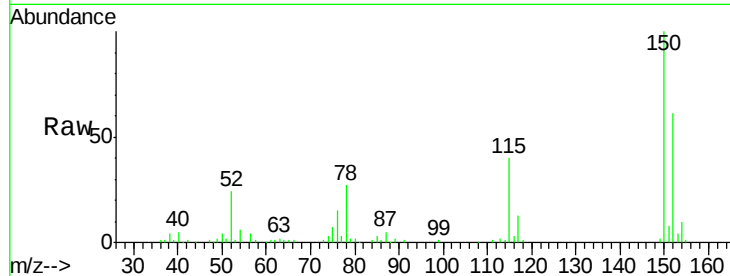
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 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.05 min Scan# 513  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 152   | Resp: | 55108 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 163.0 | 123.8 | 185.8 |
| 115      | 64.5  | 49.4  | 74.0  |

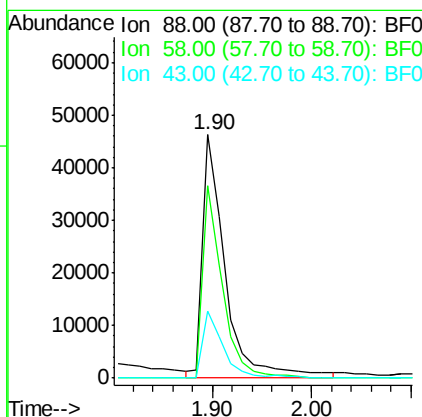
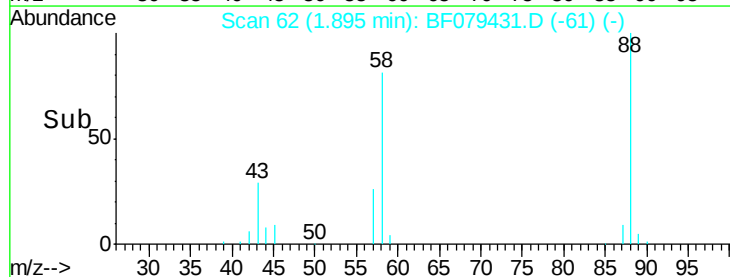
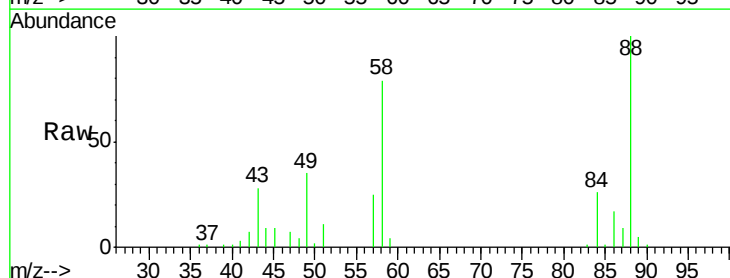
Manual Integrations  
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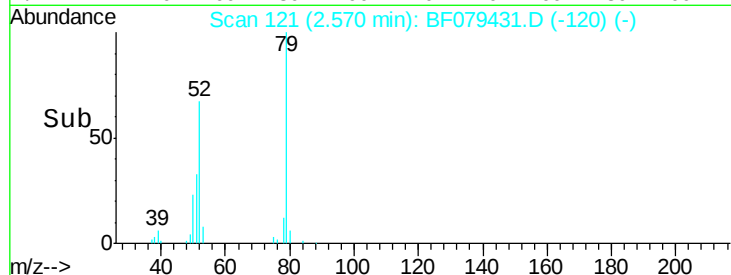
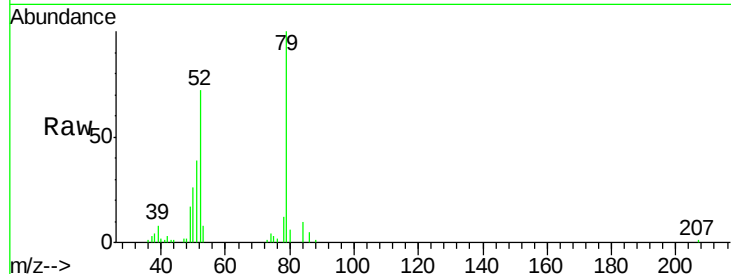
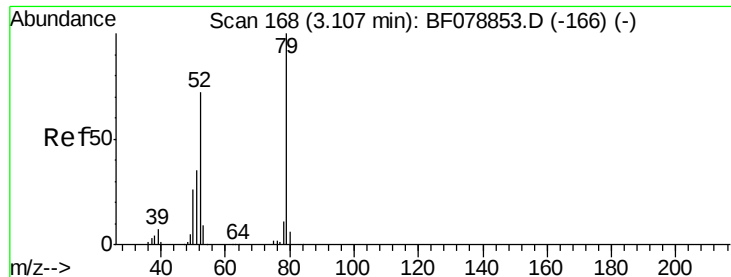
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#2  
 1,4-Dioxane  
 Concen: 52.38 ng m  
 RT: 1.90 min Scan# 62  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 72906 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 0.0   | 63.5  | 95.3# |
| 43       | 0.0   | 24.6  | 37.0# |





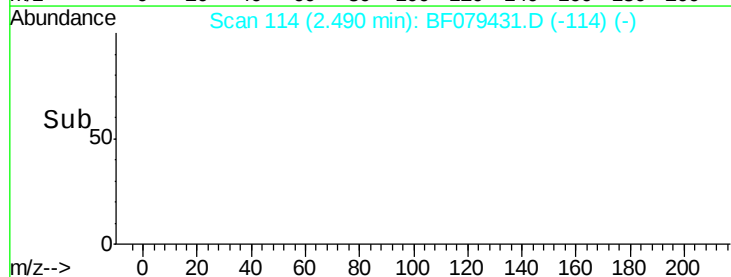
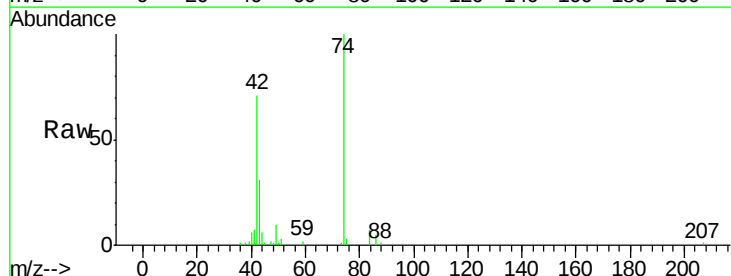
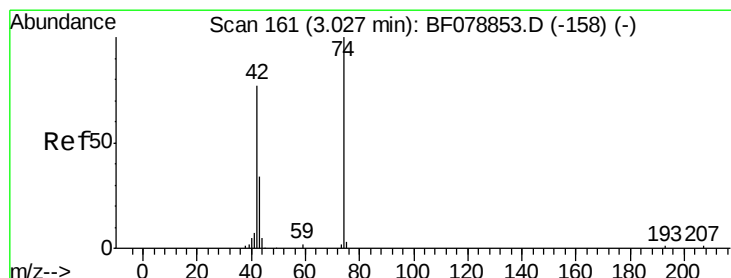
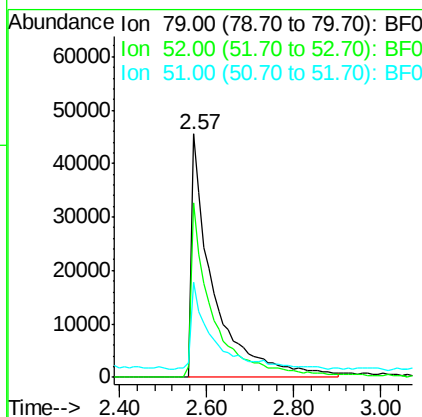
#3  
 Pvridine  
 Concen: 38.72 ng m  
 RT: 2.57 min Scan# 121  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 157742 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 71.6  | 57.6  | 86.4   |
| 51        | 39.1  | 28.7  | 43.1   |

Instrument :  
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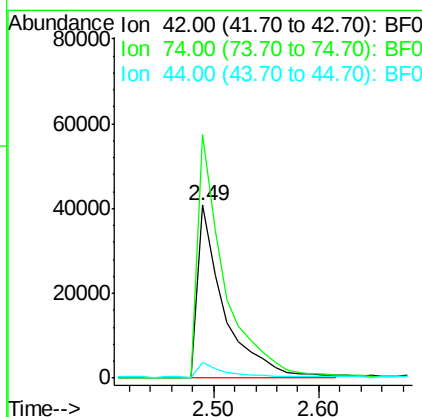
Manual Integrations  
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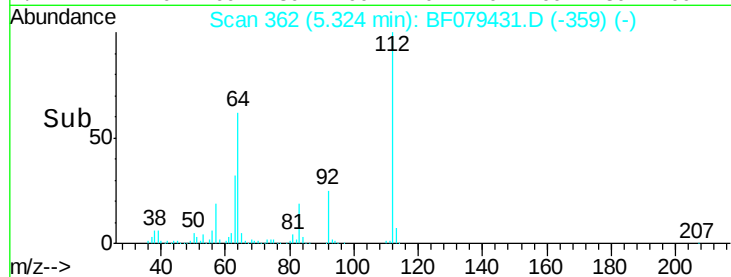
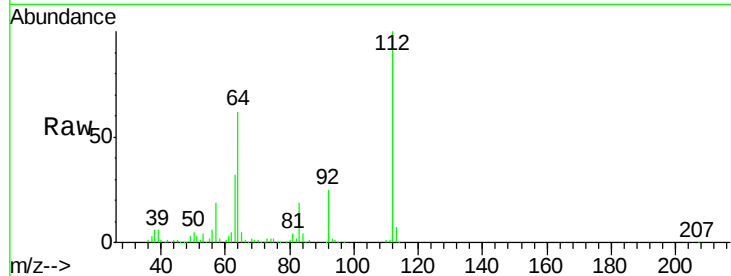
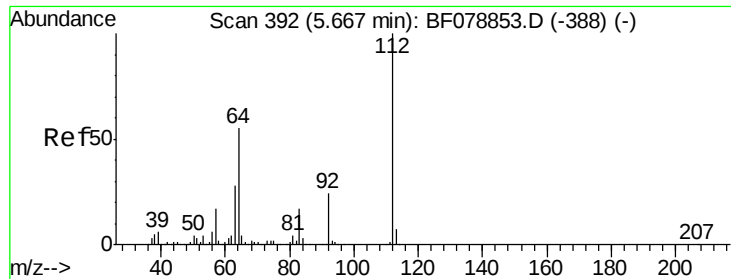
apatel  
 5/27/2015 8:15:12 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 40.88 ng m  
 RT: 2.49 min Scan# 114  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 71350 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 141.1 | 104.4 | 156.6 |
| 44        | 8.8   | 6.2   | 9.2   |





#5

2-Fluorophenol

Concen: 88.09 ng/mL

RT: 5.32 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 282026 |       |       |
| 64      | 62.1  |        | 44.2  | 66.2  |
| 63      | 31.7  |        | 22.7  | 34.1  |

Instrument :

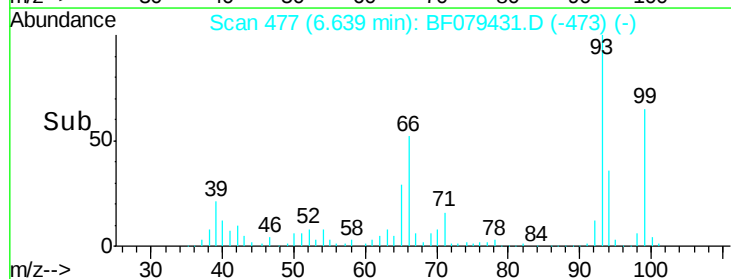
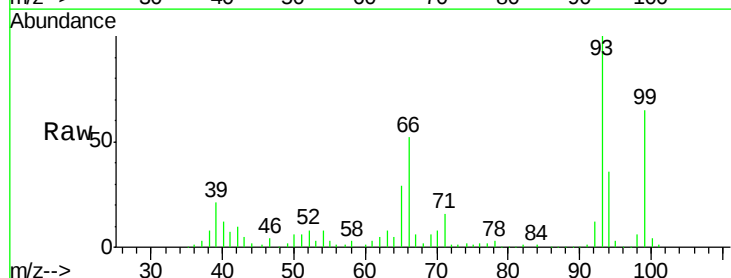
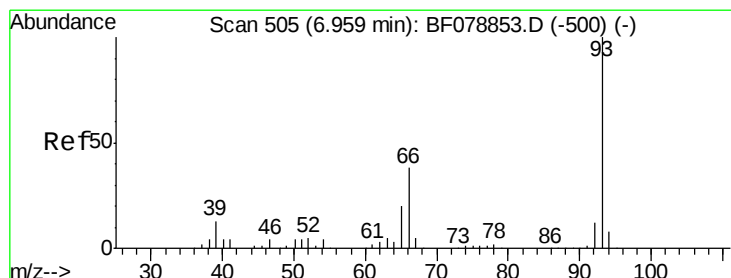
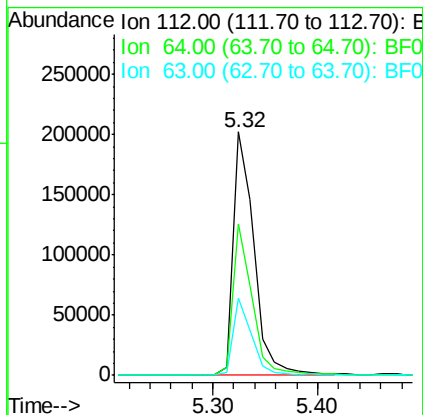
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
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5/27/2015 8:15:12 AM



#6

Aniline

Concen: 42.43 ng/mL

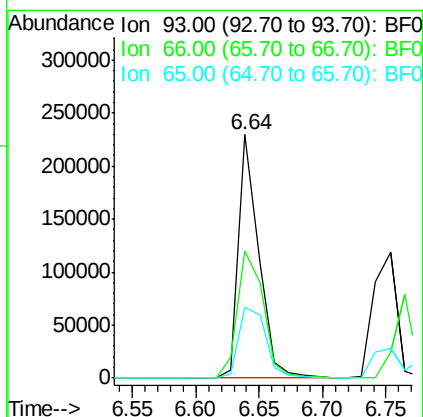
RT: 6.64 min Scan# 477

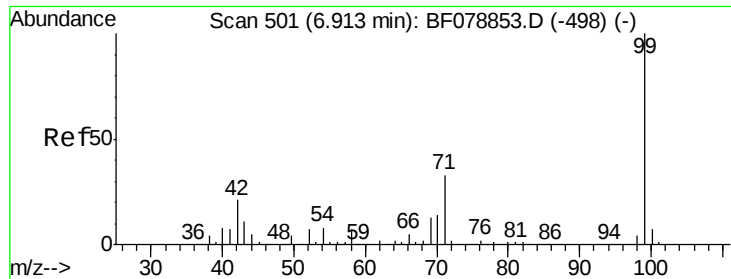
Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 253432 |       |       |
| 66      | 52.2  |        | 30.7  | 46.1# |
| 65      | 28.9  |        | 15.8  | 23.8# |





#7

Phenol-d6

Concen: 85.07 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

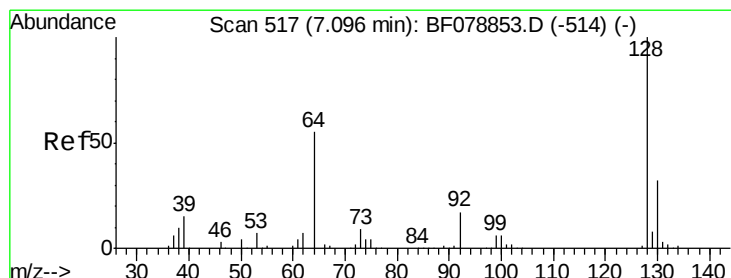
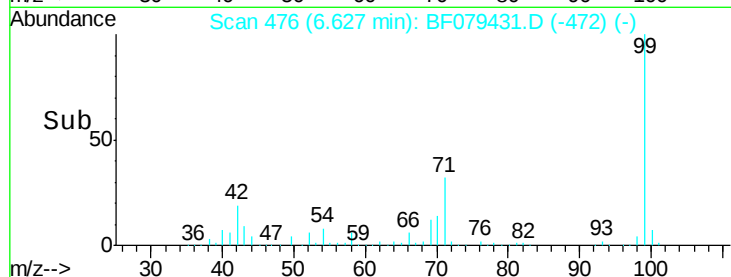
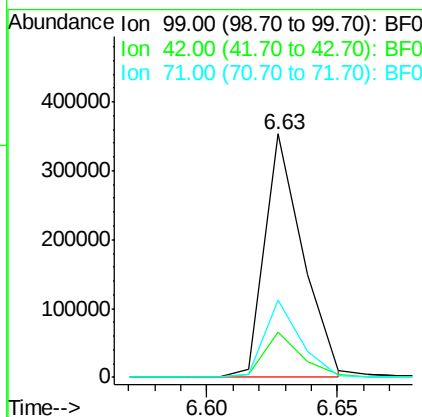
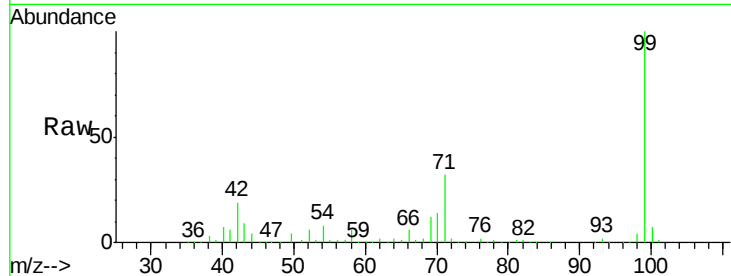
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 359992 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.6  | 17.1  | 25.7   |
| 71        | 31.7  | 26.3  | 39.5   |

Manual Integrations  
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apatel  
5/27/2015 8:15:12 AM



#8

2-Chlorophenol

Concen: 44.15 ng m

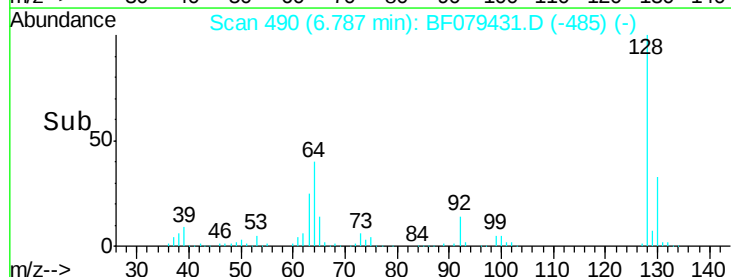
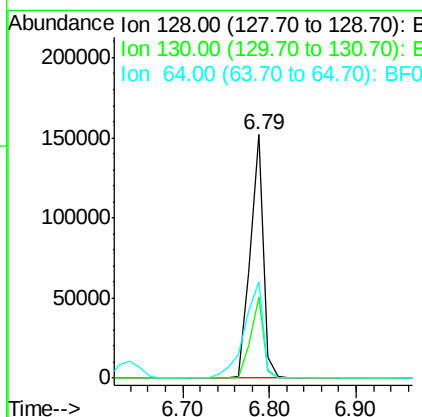
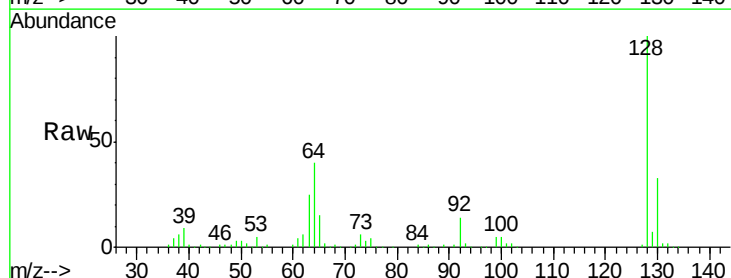
RT: 6.79 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 160305 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.1  | 12.4  | 52.4   |
| 64        | 39.7  | 37.8  | 77.8   |





#9

Benzaldehyde

Concen: 36.47 ng/mL

RT: 6.50 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

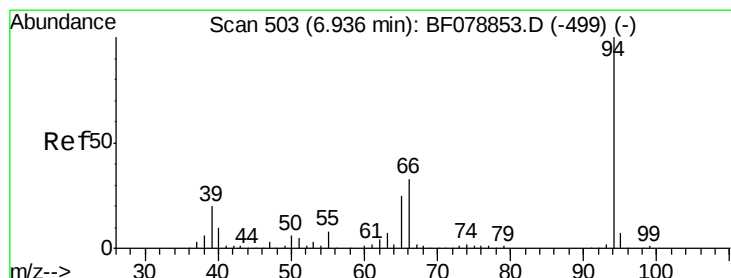
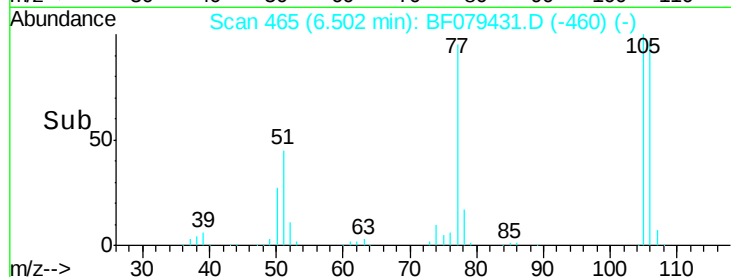
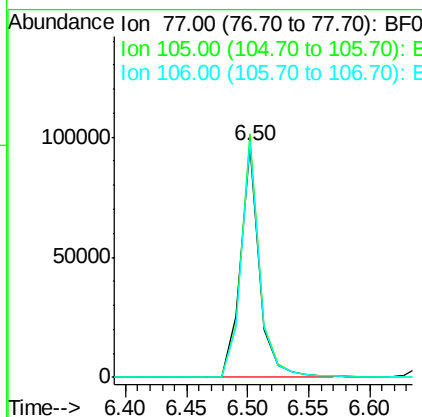
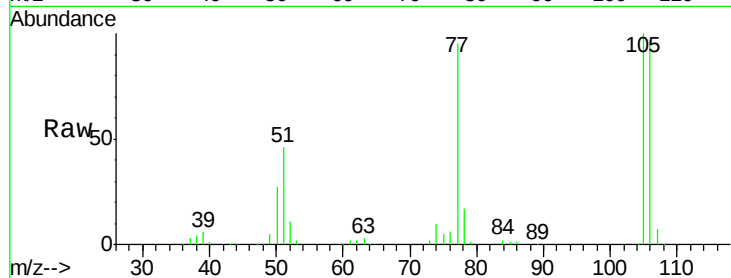
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 103956 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 105.2 | 78.9  | 118.9  |
| 106      | 101.7 | 75.8  | 115.8  |

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#10

Phenol

Concen: 42.10 ng/mL

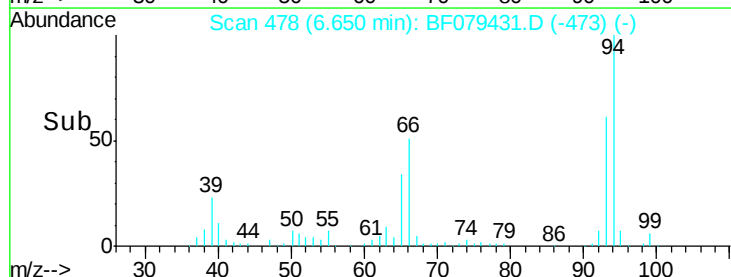
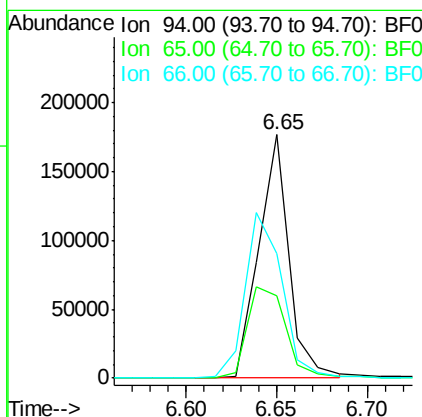
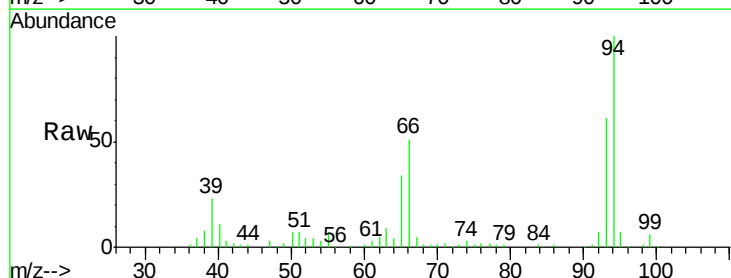
RT: 6.65 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 206654 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.8  | 5.1   | 45.1   |
| 66       | 50.9  | 13.1  | 53.1   |





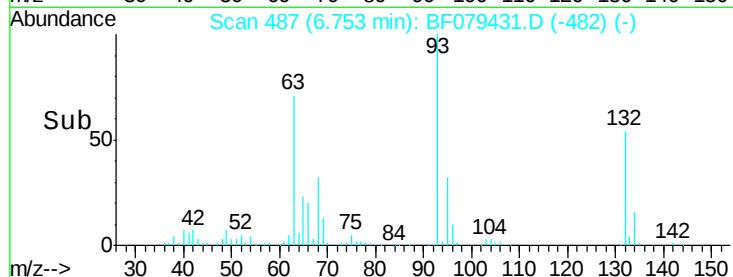
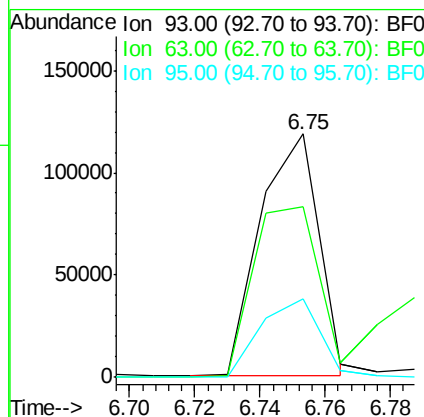
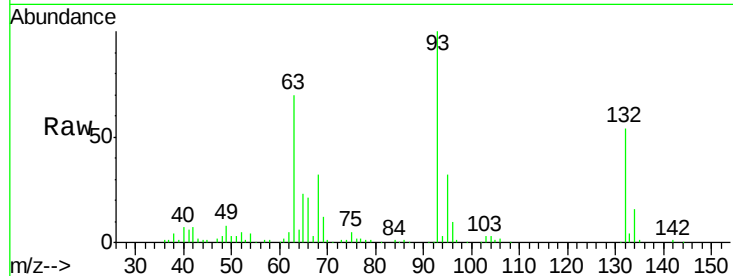
#11  
bis(2-Chloroethyl)ether  
Concen: 41.04 ng  
RT: 6.75 min Scan# 487  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 147682 |       |       |
| 63      | 70.1  | 50.8   | 90.8  |       |
| 95      | 32.1  | 13.9   | 53.9  |       |

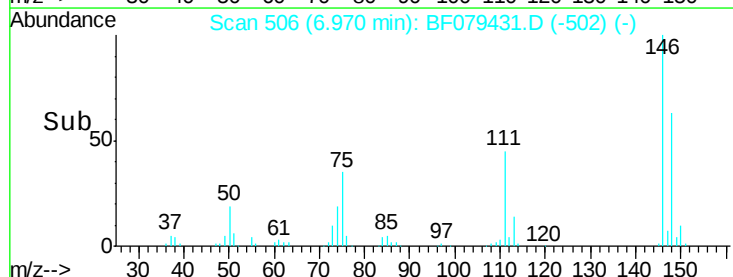
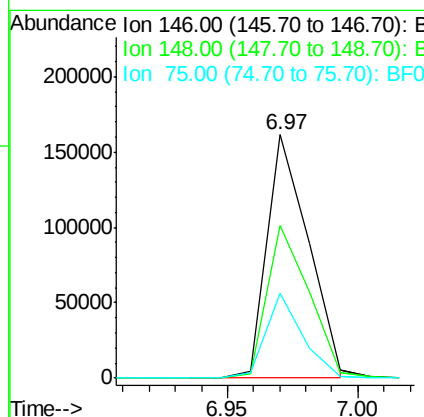
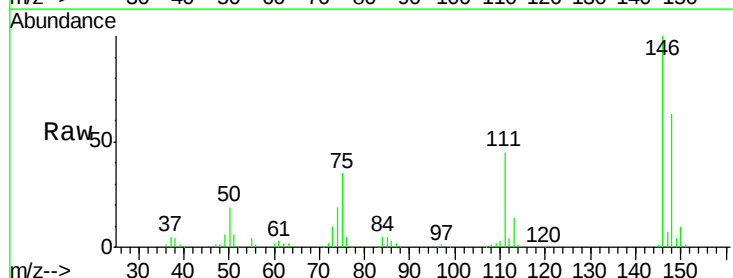
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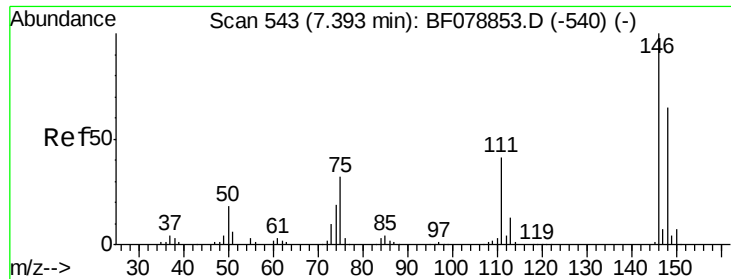
apatel  
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#12  
1,3-Dichlorobenzene  
Concen: 43.81 ng  
RT: 6.97 min Scan# 506  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 178818 |       |       |
| 148     | 62.8  | 52.4   | 78.6  |       |
| 75      | 34.9  | 18.6   | 27.8  |       |





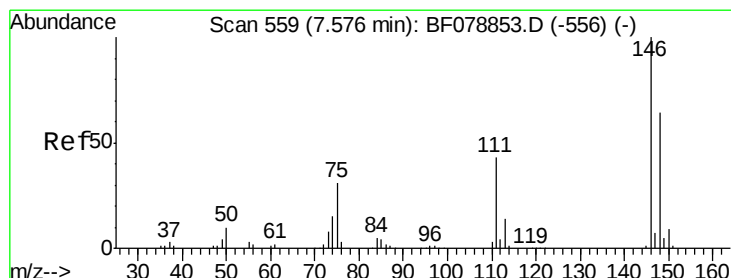
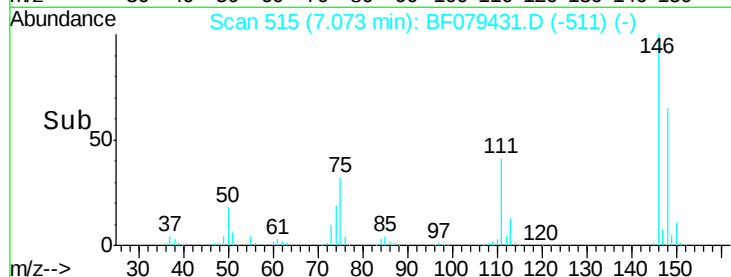
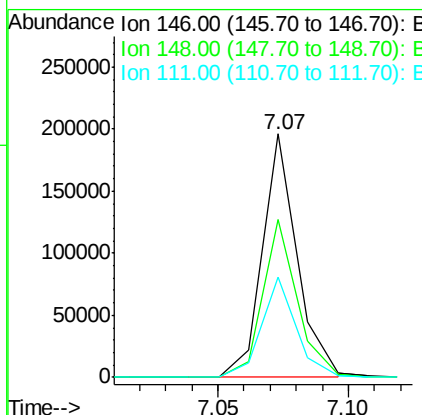
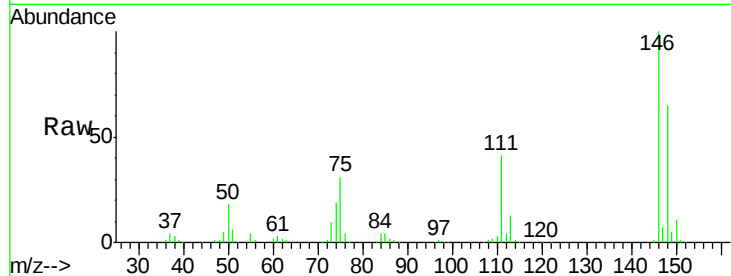
#13  
 1,4-Dichlorobenzene  
 Concen: 43.43 ng  
 RT: 7.07 min Scan# 515  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.7  | 77.5  |
| 111     | 41.3  | 32.8  | 49.2  |

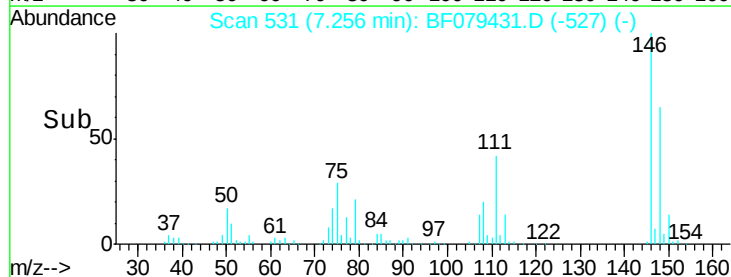
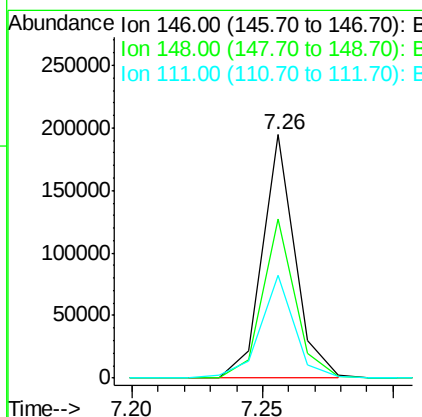
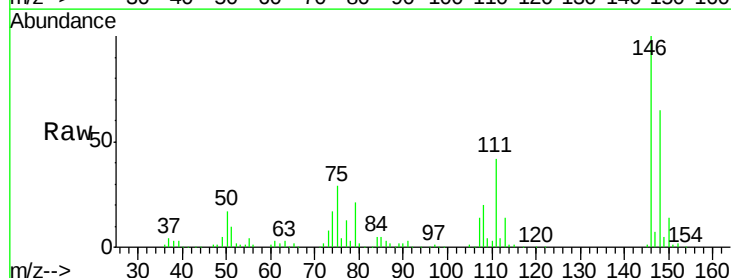
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 43.64 ng  
 RT: 7.26 min Scan# 531  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 51.1  | 76.7  |
| 111     | 42.2  | 34.6  | 52.0  |





#15

Benzyl Alcohol

Concen: 42.47 ng/mL

RT: 7.24 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

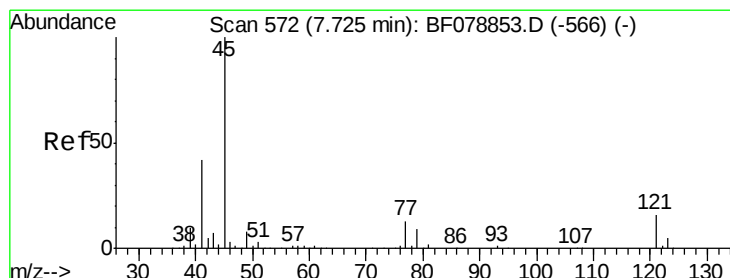
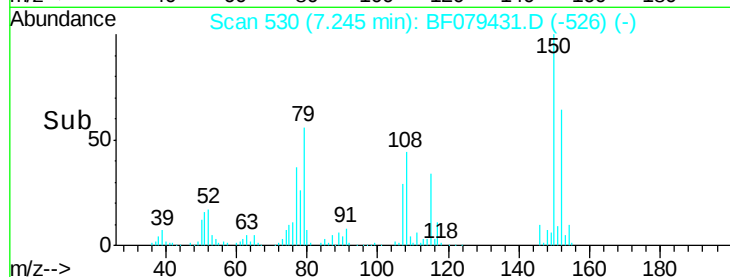
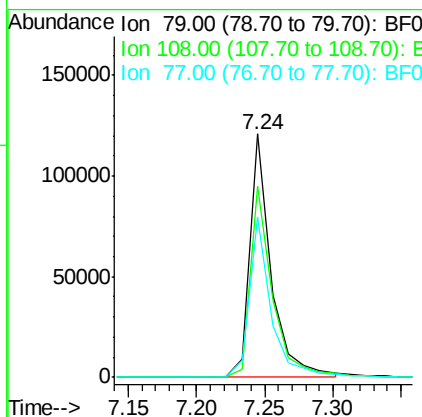
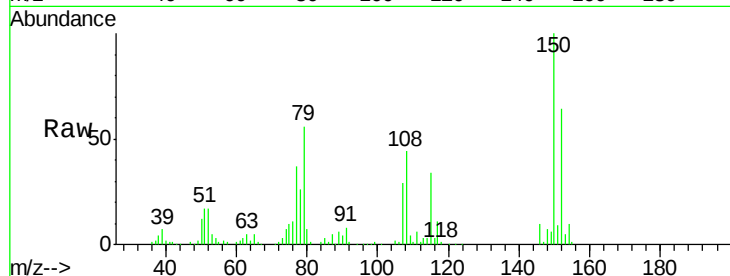
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 133424 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.5  | 57.4  | 86.2   |
| 77        | 66.1  | 50.2  | 75.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.94 ng/mL

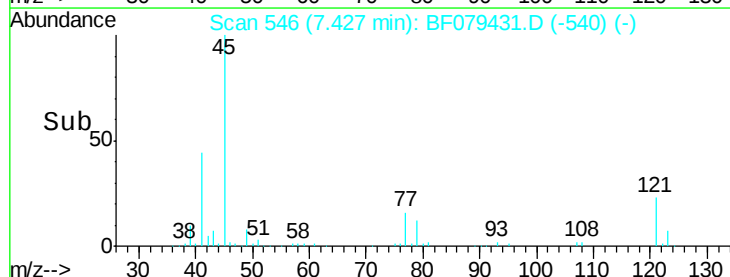
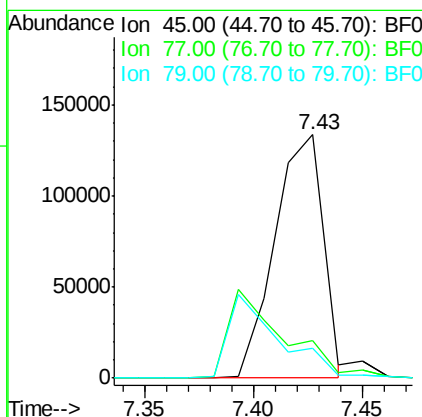
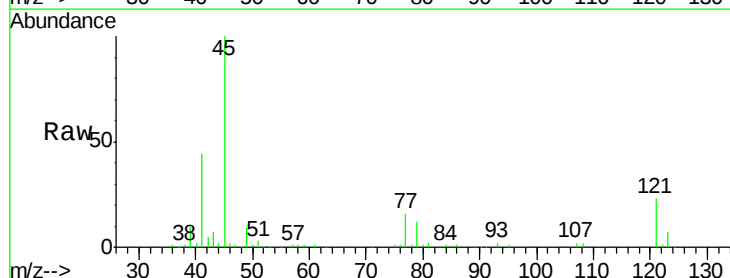
RT: 7.43 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 208877 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.7  | 0.0   | 32.6   |
| 79        | 12.2  | 0.0   | 29.3   |





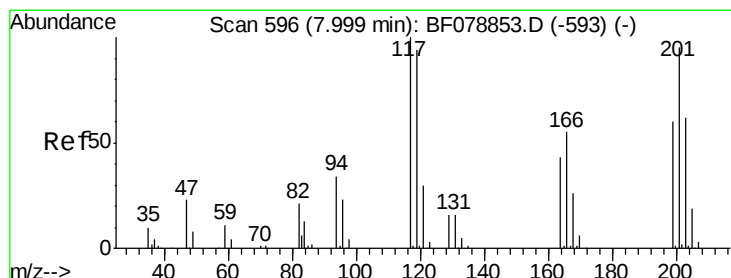
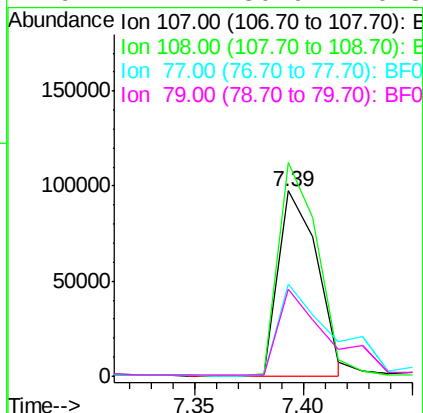
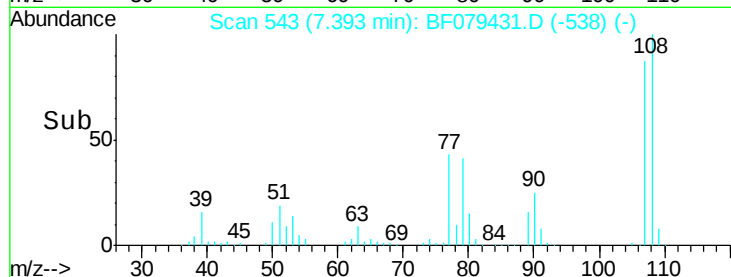
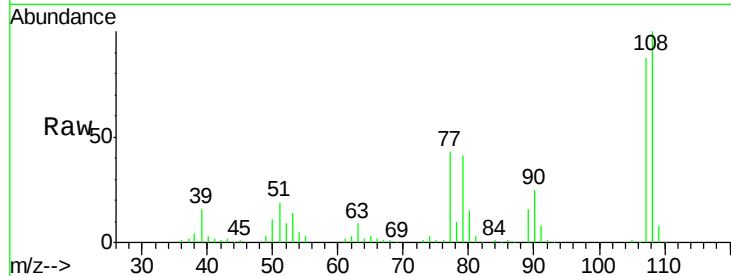
#17  
2-Methylphenol  
Concen: 42.02 ng  
RT: 7.39 min Scan# 543  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.4 | 92.4 | 138.6 |       |
| 77      | 49.8  | 32.6 | 49.0# |       |
| 79      | 47.4  | 30.9 | 46.3# |       |

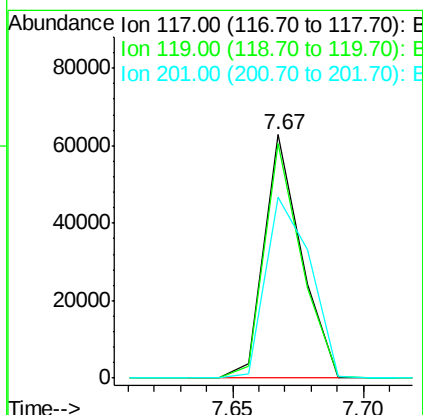
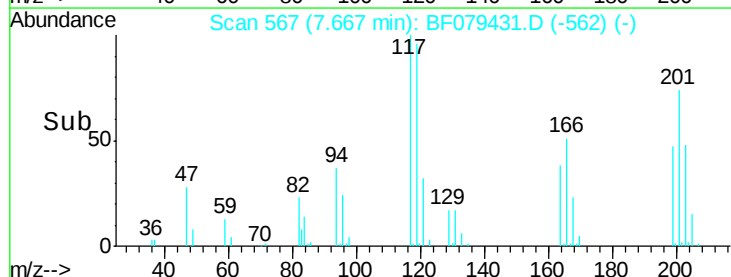
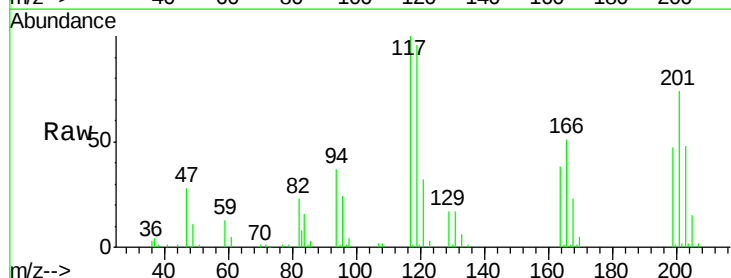
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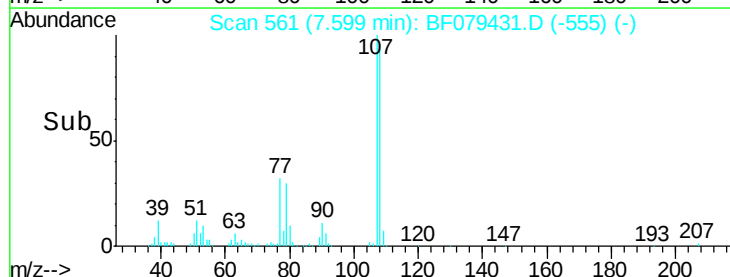
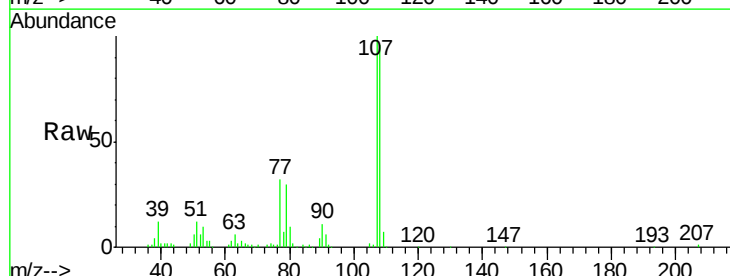
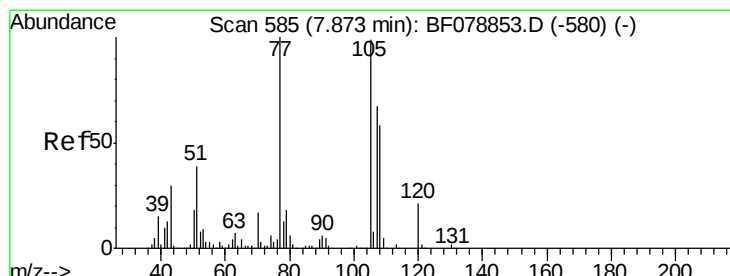
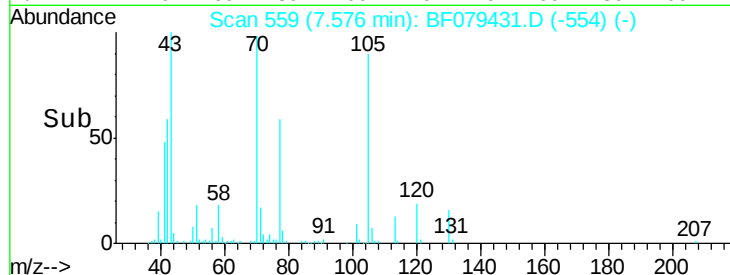
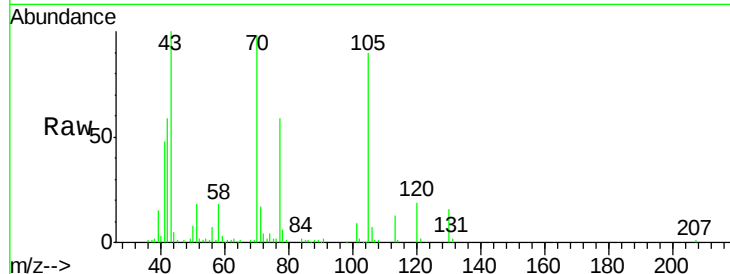
apatel  
5/27/2015 8:15:12 AM



#18  
Hexachloroethane  
Concen: 43.02 ng  
RT: 7.67 min Scan# 567  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

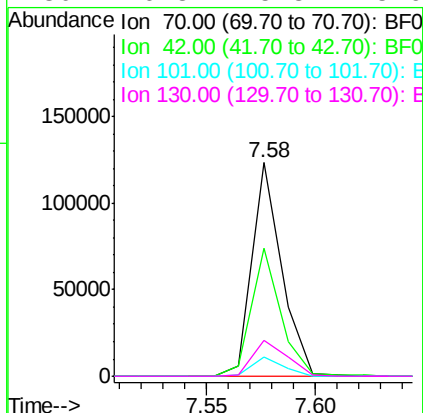
| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 96.4  | 75.2 | 112.8  |       |
| 201     | 74.4  | 75.8 | 113.8# |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.02 ng  
RT: 7.58 min Scan# 559  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.0 | 47.3  | 70.9  |       |
| 101     | 9.0  | 7.5   | 11.3  |       |
| 130     | 16.8 | 15.8  | 23.6  |       |



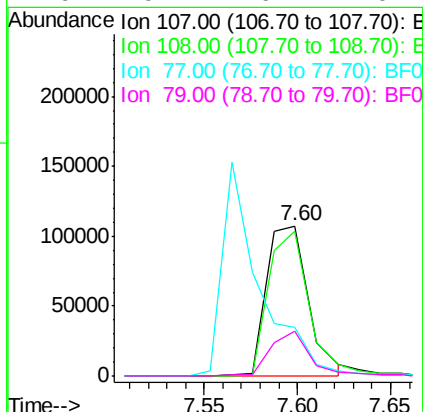
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

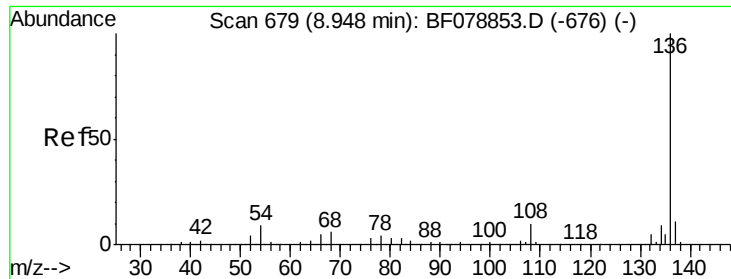
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#20  
3+4-Methylphenols  
Concen: 43.35 ng  
RT: 7.60 min Scan# 561  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ion  | Ratio | Lower  | Upper |
|---------|------|-------|--------|-------|
| 107     | 100  |       |        |       |
| 108     | 96.0 | 66.5  | 106.5  |       |
| 77      | 32.4 | 130.6 | 170.6# |       |
| 79      | 29.7 | 6.4   | 46.4   |       |





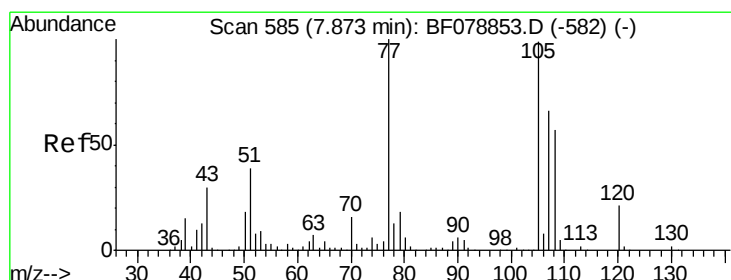
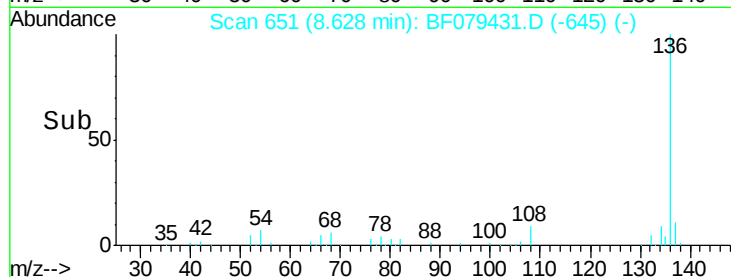
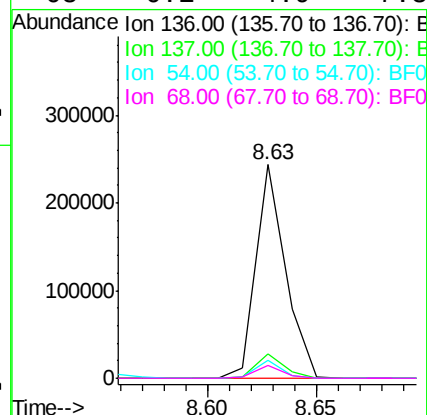
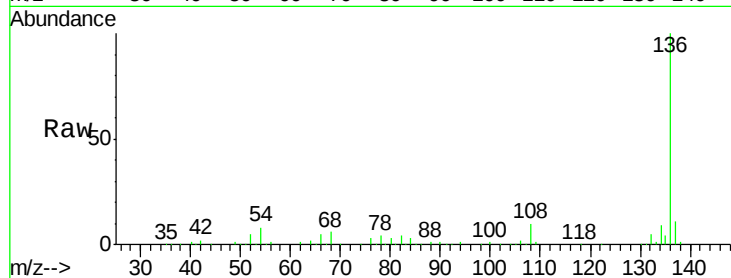
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.63 min Scan# 651  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 230365 |       |       |
| 137     | 11.3  | 8.8    | 13.2  |       |
| 54      | 8.3   | 6.9    | 10.3  |       |
| 68      | 6.1   | 4.9    | 7.3   |       |

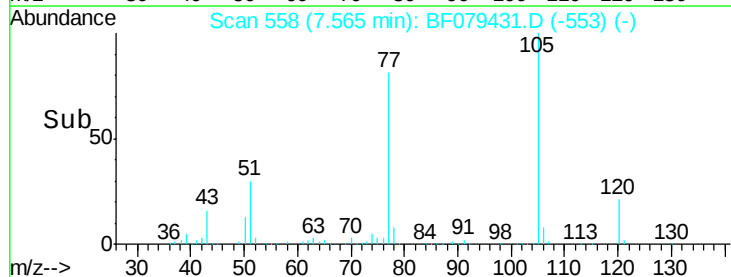
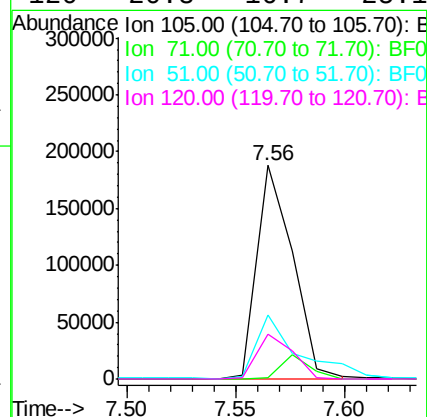
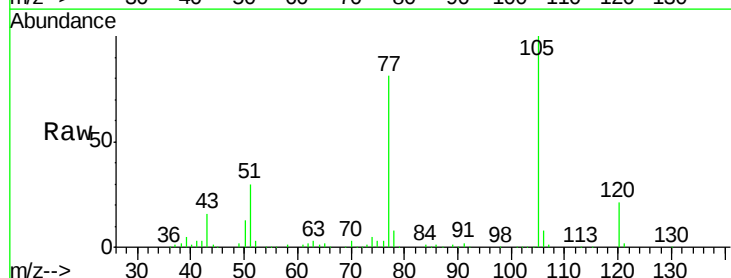
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#22  
Acetophenone  
Concen: 41.65 ng  
RT: 7.56 min Scan# 558  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 216789 |       |       |
| 71      | 0.5   | 2.2    | 3.4#  |       |
| 51      | 30.2  | 31.1   | 46.7# |       |
| 120     | 20.8  | 16.7   | 25.1  |       |





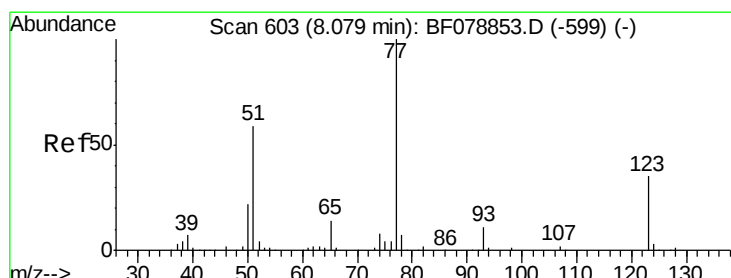
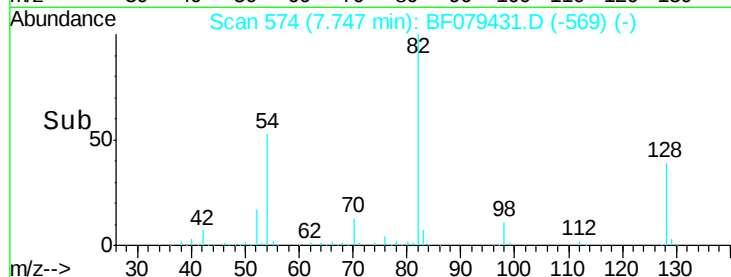
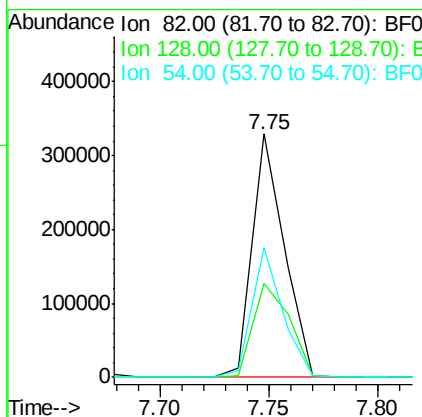
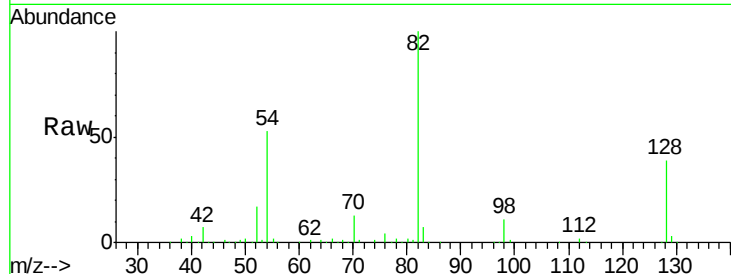
#23  
Nitrobenzene-d5  
Concen: 84.50 ng  
RT: 7.75 min Scan# 574  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 38.8  | 29.7 | 44.5  |       |
| 54      | 53.3  | 46.2 | 69.4  |       |

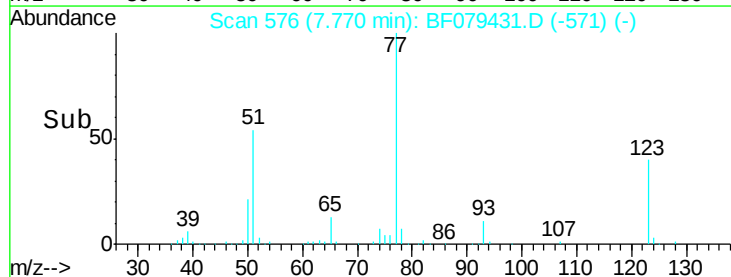
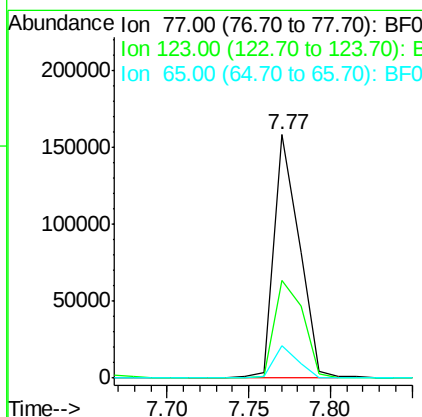
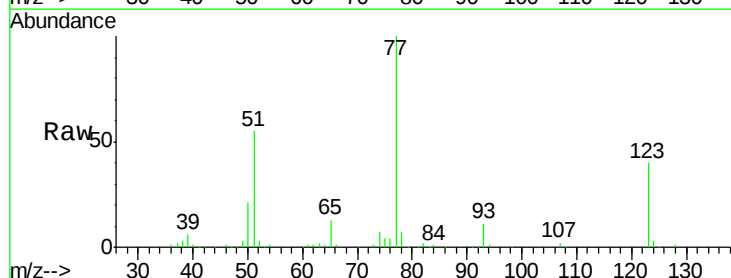
Manual Integrations  
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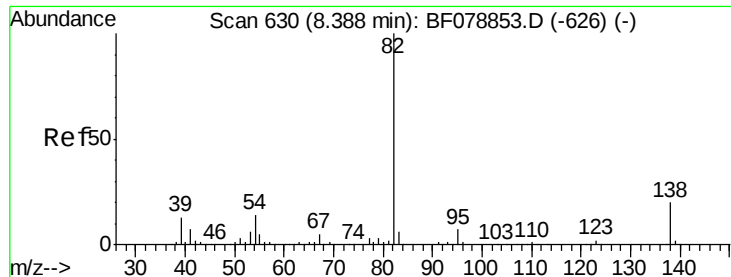
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#24  
Nitrobenzene  
Concen: 43.19 ng  
RT: 7.77 min Scan# 576  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 40.0  | 28.3 | 42.5  |       |
| 65      | 13.3  | 11.0 | 16.4  |       |





#25

Isophorone

Concen: 42.04 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

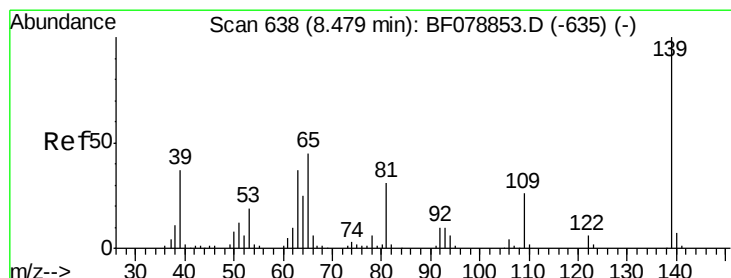
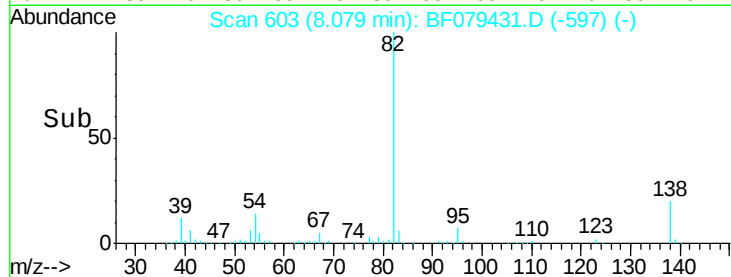
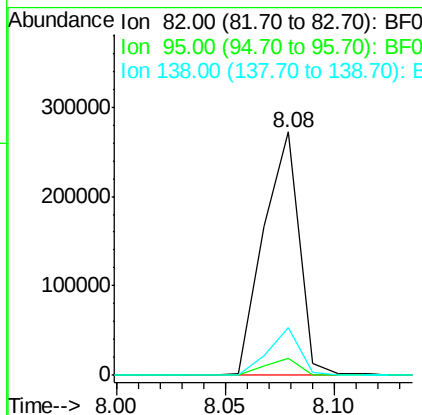
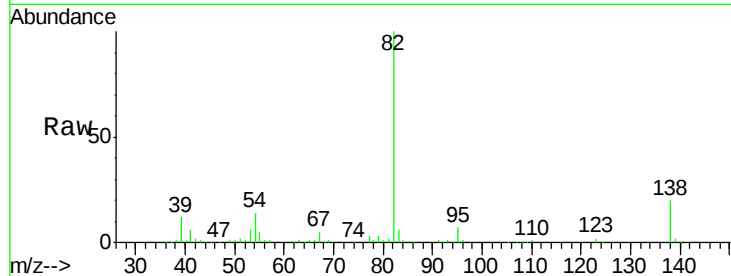
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 312405 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.8   | 5.4   | 8.2    |
| 138       | 19.8  | 16.1  | 24.1   |

Manual Integrations  
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apatel  
5/27/2015 8:15:12 AM



#26

2-Nitrophenol

Concen: 46.99 ng

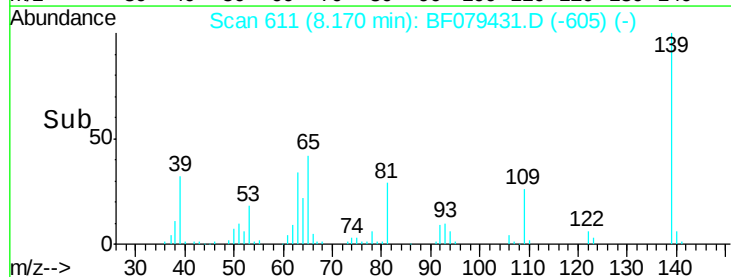
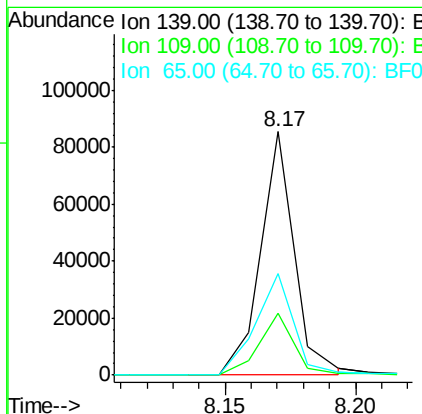
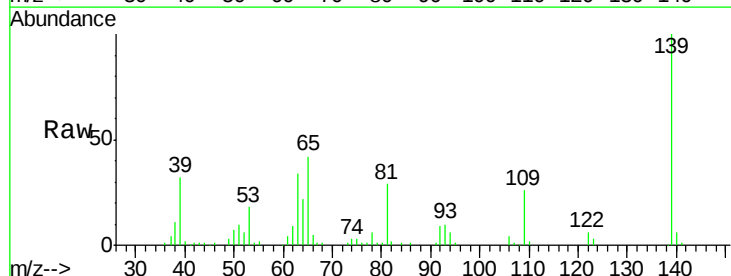
RT: 8.17 min Scan# 611

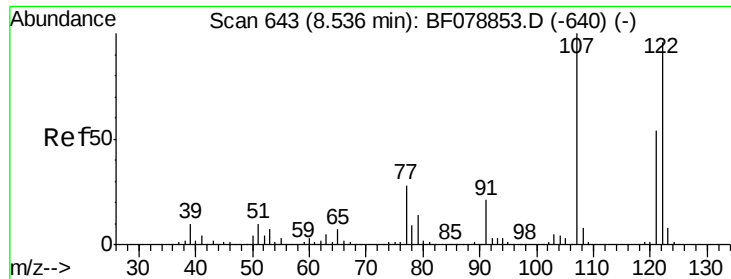
Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 77272 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 25.6  | 20.9  | 31.3  |
| 65        | 41.9  | 35.8  | 53.8  |





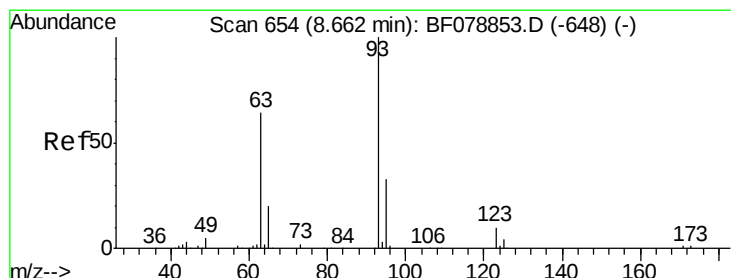
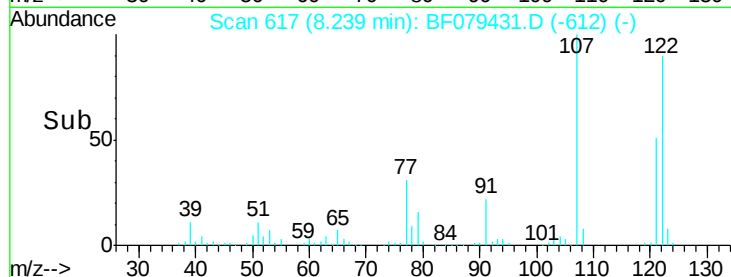
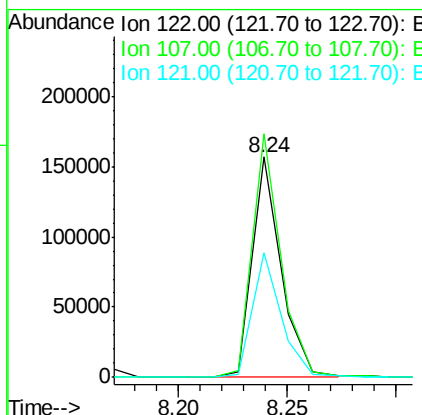
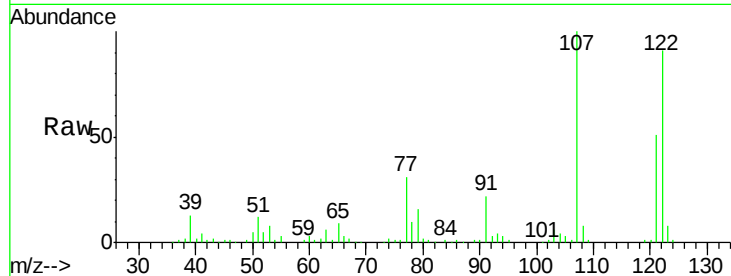
#27  
2,4-Dimethylphenol  
Concen: 44.02 ng  
RT: 8.24 min Scan# 617  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 144840 |       |       |
| 107     | 110.4 | 83.6   | 125.4 |       |
| 121     | 56.5  | 44.9   | 67.3  |       |

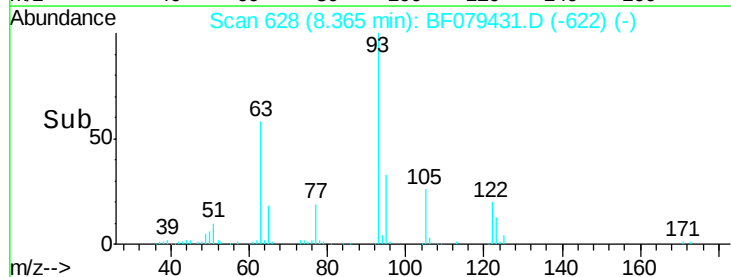
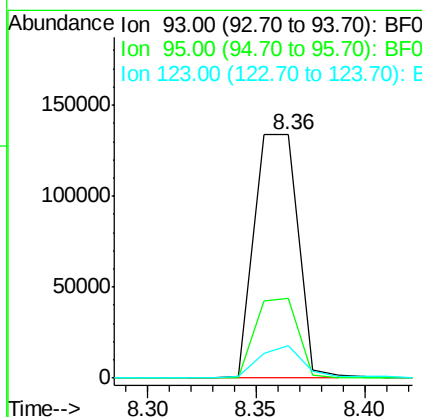
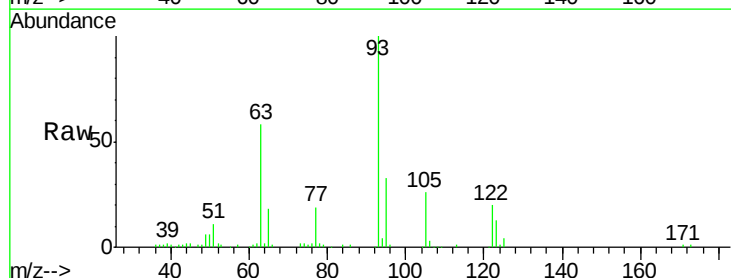
Manual Integrations  
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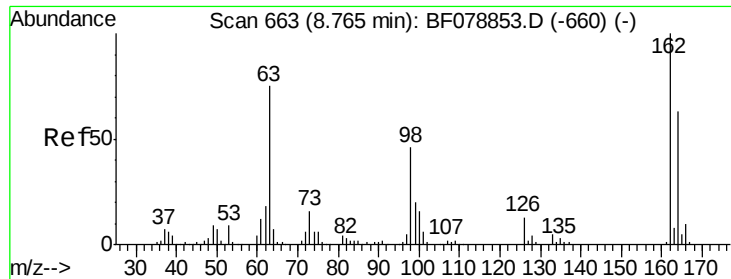
apatel  
5/27/2015 8:15:12 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.02 ng  
RT: 8.36 min Scan# 628  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 187910 |       |       |
| 95      | 33.0  | 26.2   | 39.2  |       |
| 123     | 13.1  | 8.6    | 12.8  |       |





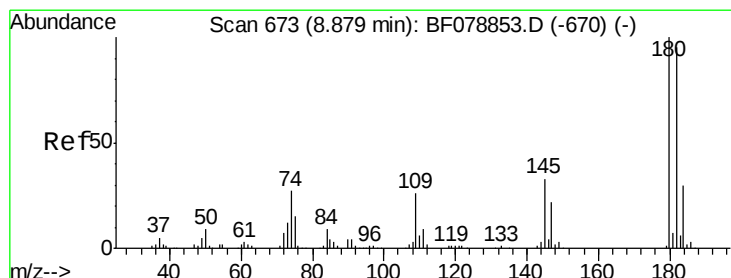
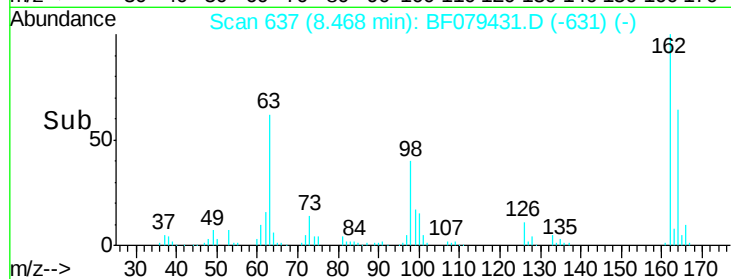
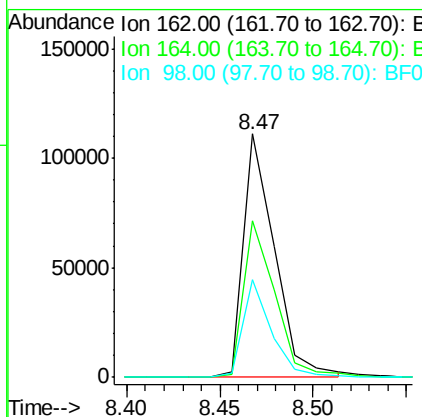
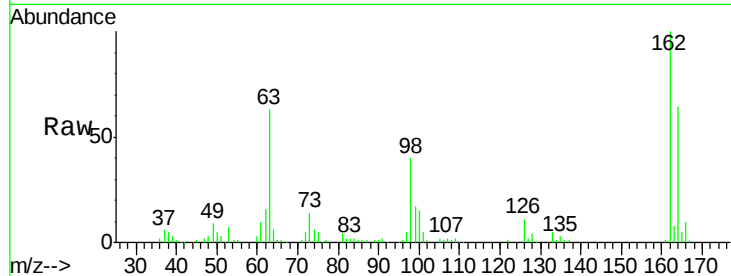
#29  
 2,4-Dichlorophenol  
 Concen: 44.76 ng  
 RT: 8.47 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 130985 |       |       |
| 164     | 64.3 | 42.7  | 82.7   |       |       |
| 98      | 40.3 | 26.3  | 66.3   |       |       |

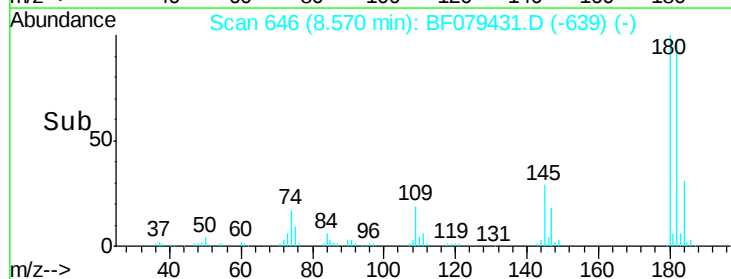
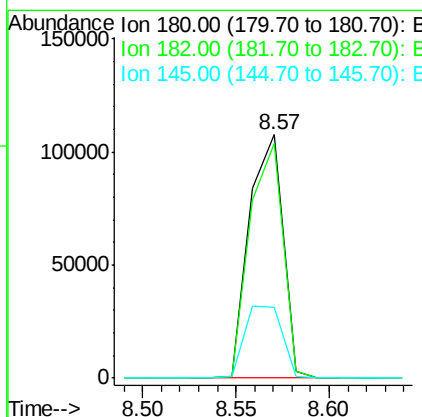
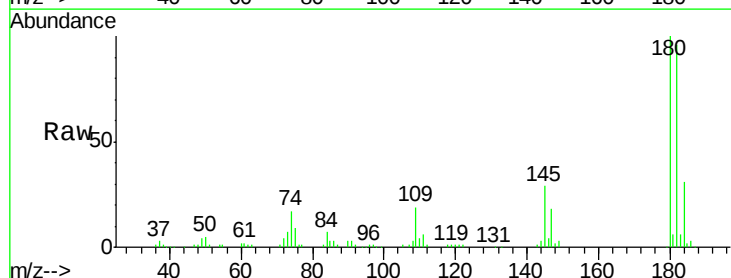
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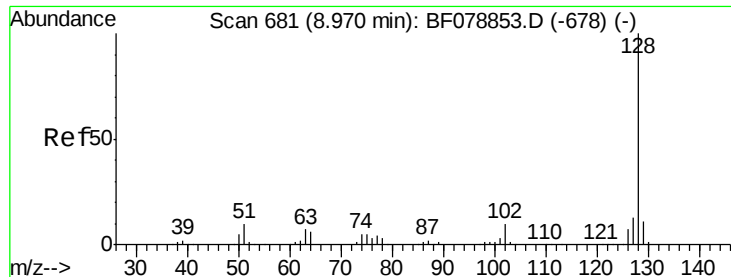
apatel  
 5/27/2015 8:15:12 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.83 ng  
 RT: 8.57 min Scan# 646  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 134451 |       |       |
| 182     | 96.3 | 75.7  | 113.5  |       |       |
| 145     | 29.0 | 26.2  | 39.4   |       |       |





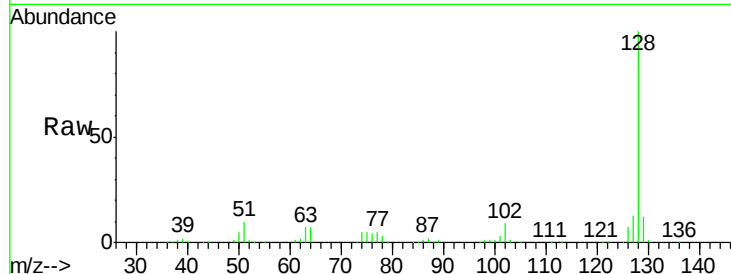
#31  
Naphthalene  
Concen: 42.19 ng  
RT: 8.65 min Scan# 653  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

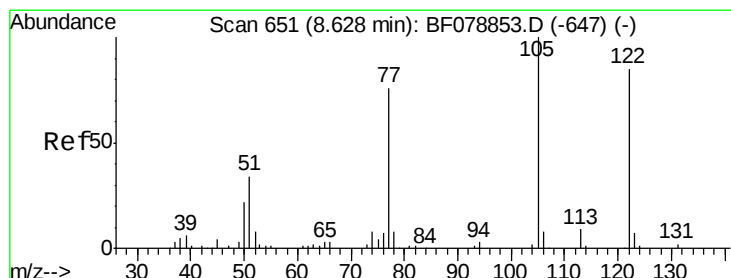
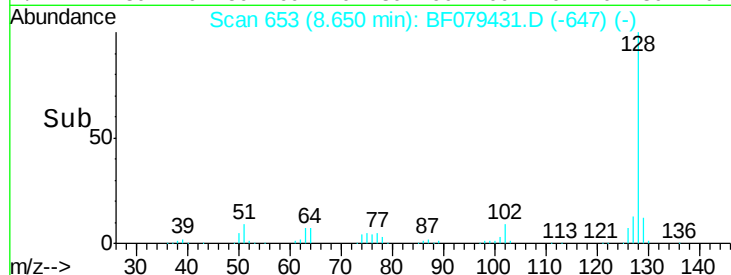
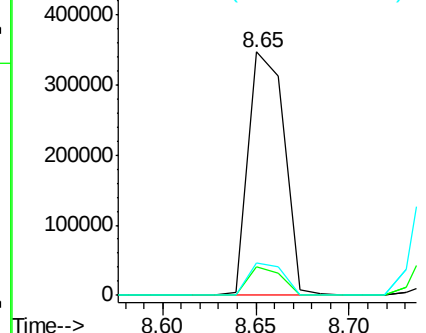
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.5  | 9.2  | 13.8  |       |
| 127     | 13.1  | 10.3 | 15.5  |       |

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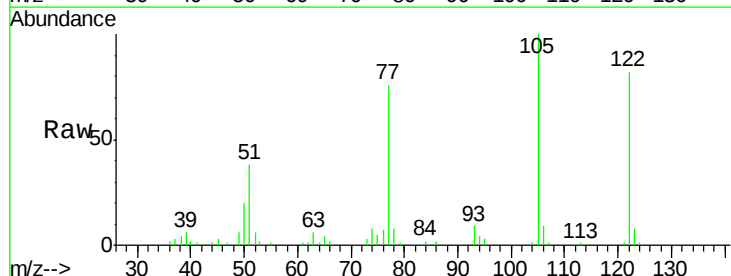


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

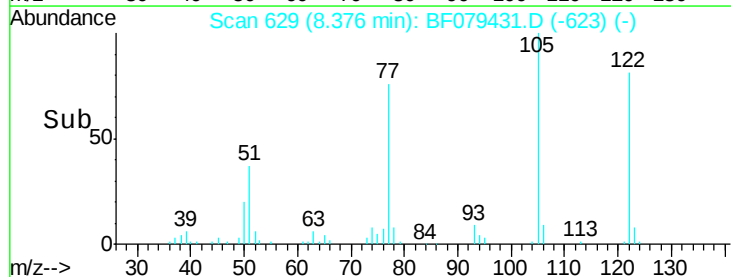
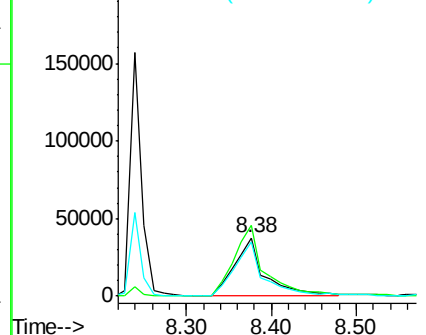


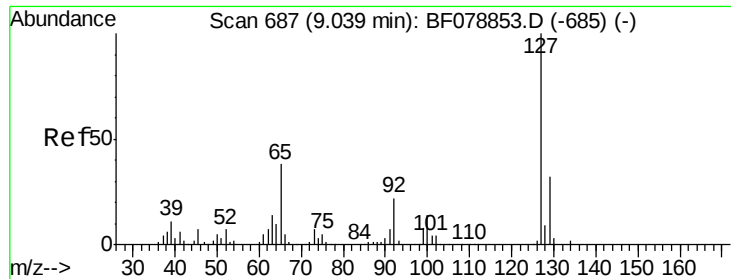
#32  
Benzoic acid  
Concen: 45.79 ng m  
RT: 8.38 min Scan# 629  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 121.7 | 100.7 | 140.7 |       |
| 77      | 92.9  | 72.0  | 112.0 |       |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





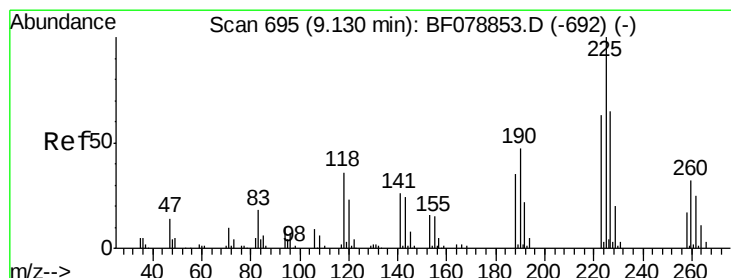
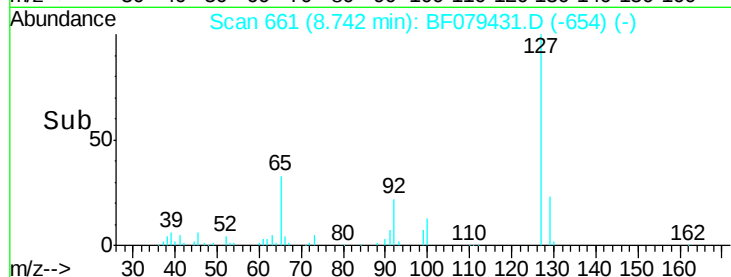
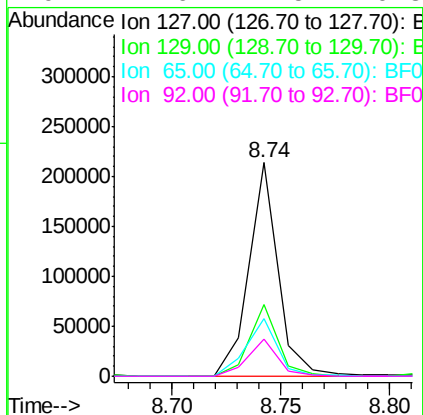
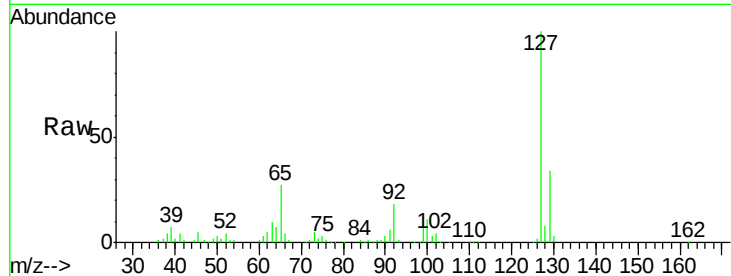
#33  
4-Chloroaniline  
Concen: 42.95 ng  
RT: 8.74 min Scan# 661  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.8 | 25.6  | 38.4 |       |       |
| 65      | 26.8 | 30.2  | 45.4 |       |       |
| 92      | 17.6 | 17.5  | 26.3 |       |       |

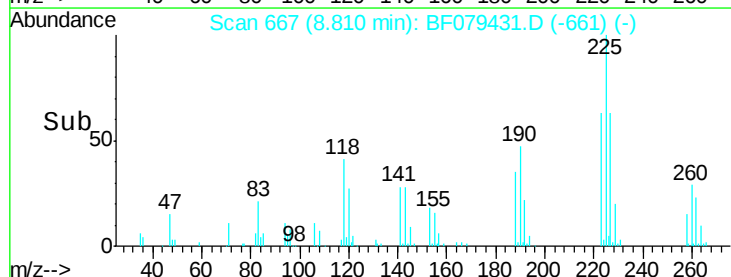
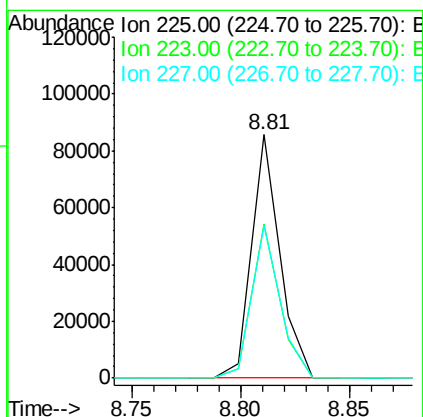
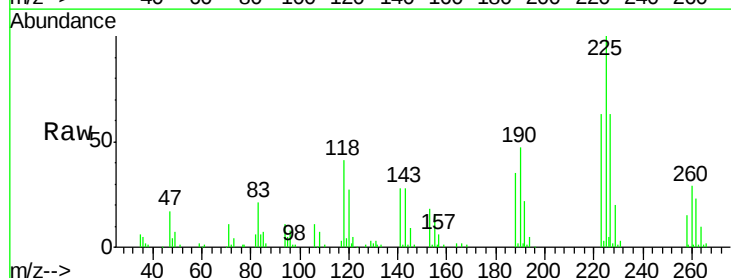
Manual Integrations  
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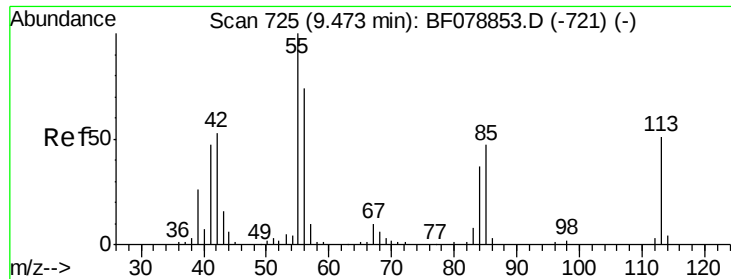
apatel  
5/27/2015 8:15:12 AM



#34  
Hexachlorobutadiene  
Concen: 41.93 ng  
RT: 8.81 min Scan# 667  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.1 | 50.6  | 75.8 |       |       |
| 227     | 62.8 | 52.1  | 78.1 |       |       |





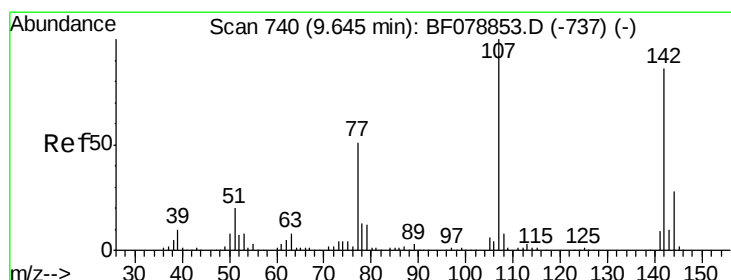
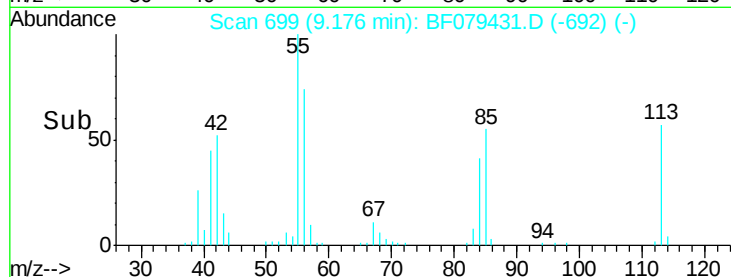
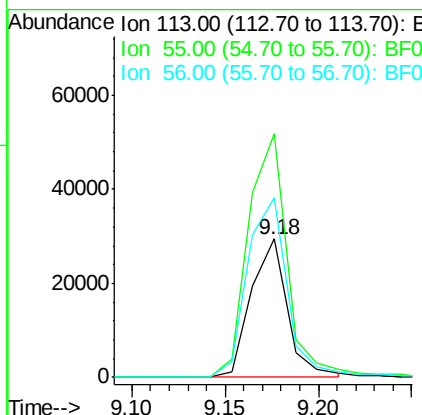
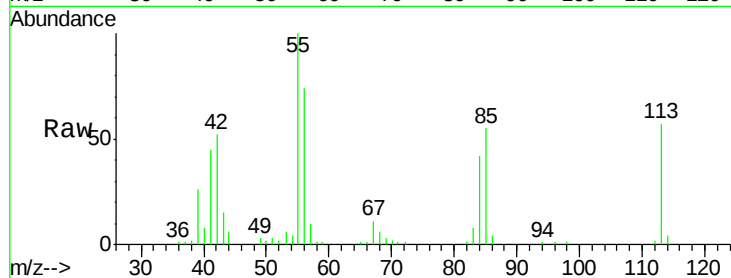
#35  
 Caprolactam  
 Concen: 42.03 ng  
 RT: 9.18 min Scan# 699  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 175.9 | 176.0 | 216.0# |
| 56      | 129.9 | 123.8 | 163.8  |

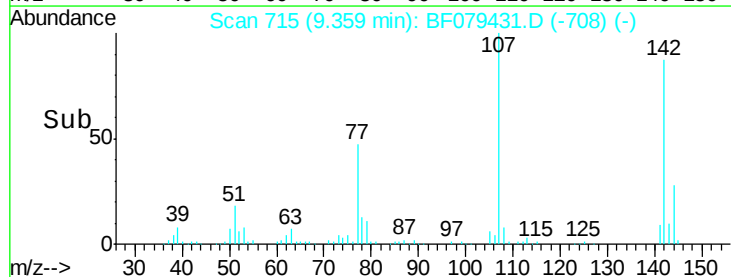
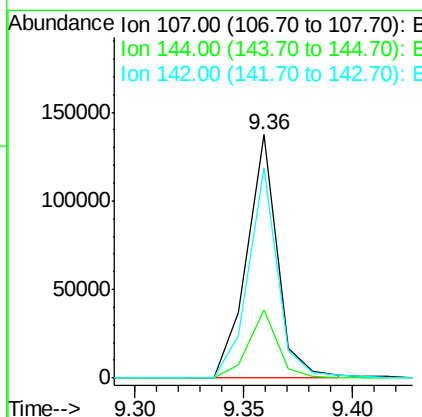
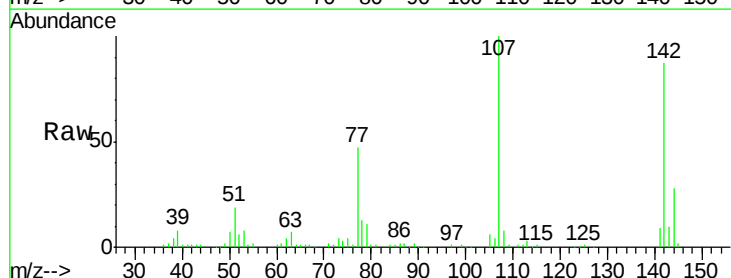
Manual Integrations  
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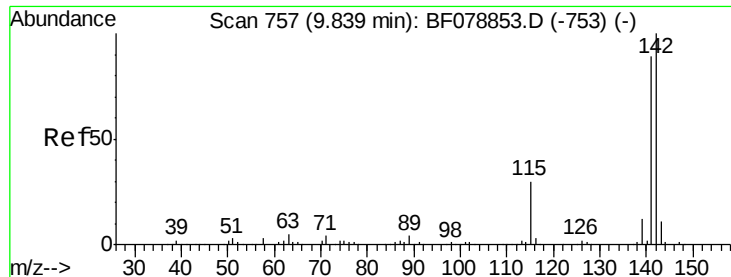
apatel  
 5/27/2015 8:15:12 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.80 ng  
 RT: 9.36 min Scan# 715  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.0  | 22.5  | 33.7  |
| 142     | 86.6  | 68.6  | 103.0 |





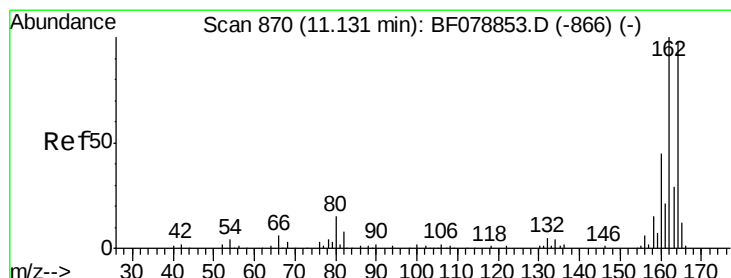
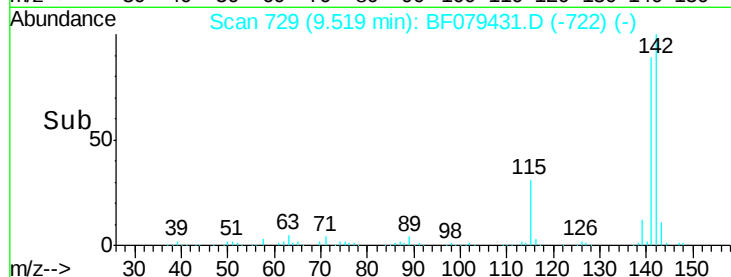
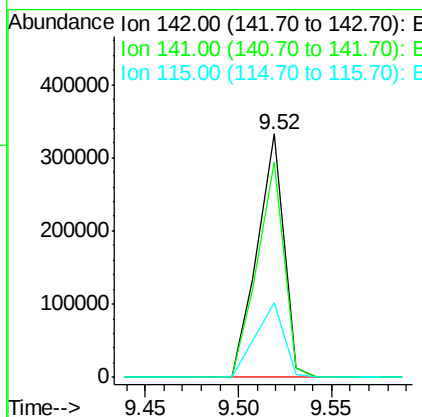
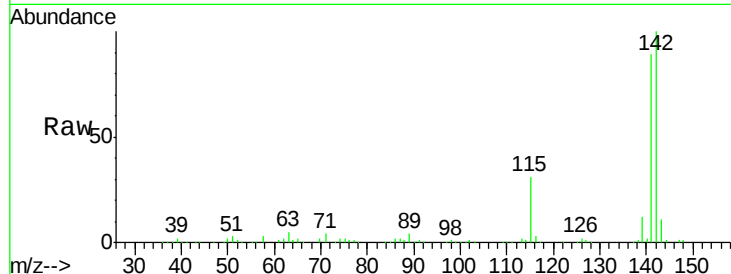
#37  
2-Methylnaphthalene  
Concen: 43.54 ng  
RT: 9.52 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 331165 |       |       |
| 141     | 88.5  | 71.6   | 107.4 |       |
| 115     | 30.7  | 24.2   | 36.4  |       |

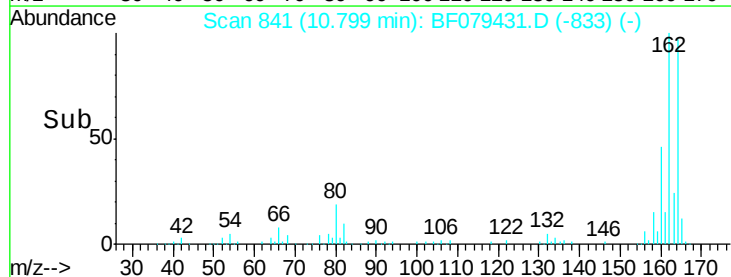
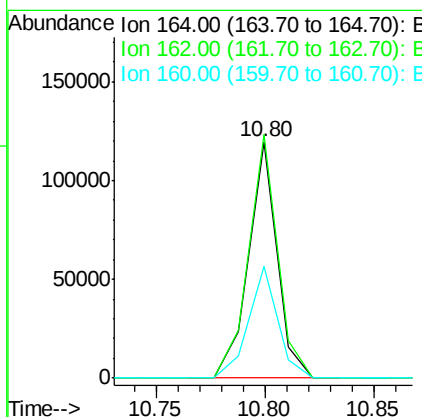
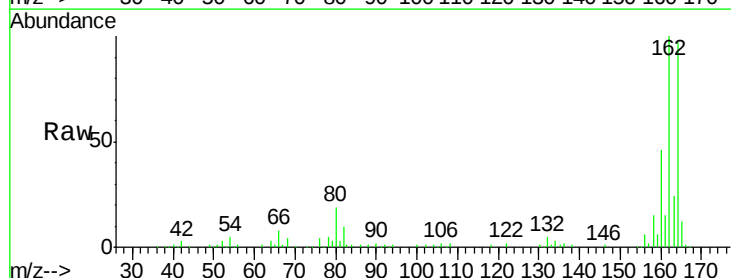
Manual Integrations  
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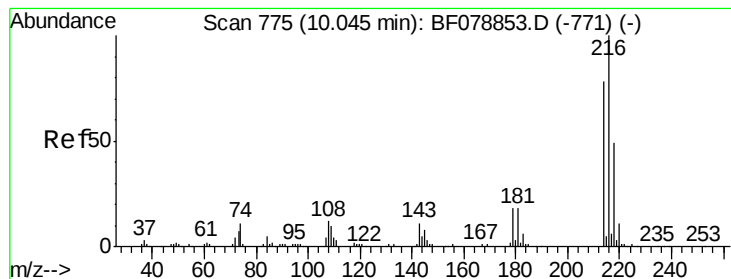
apatel  
5/27/2015 8:15:12 AM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.80 min Scan# 841  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 108962 |       |       |
| 162     | 103.0 | 81.4   | 122.0 |       |
| 160     | 47.2  | 36.6   | 54.8  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.66 ng

RT: 9.72 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

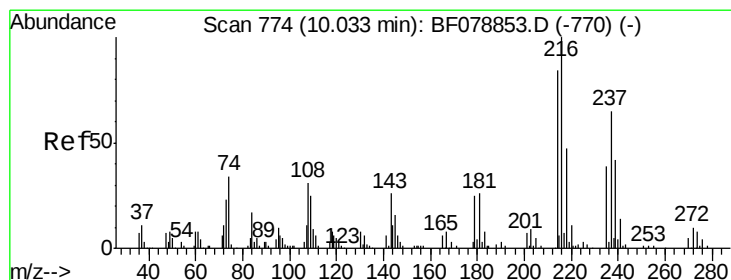
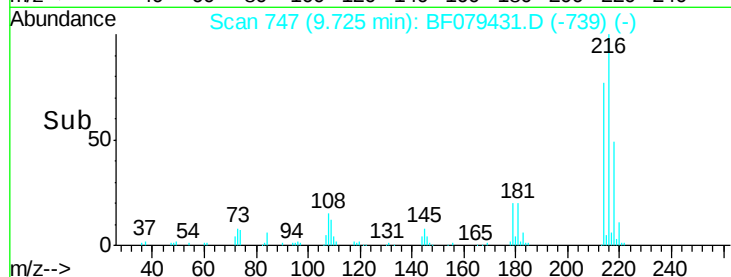
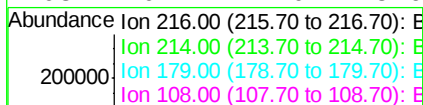
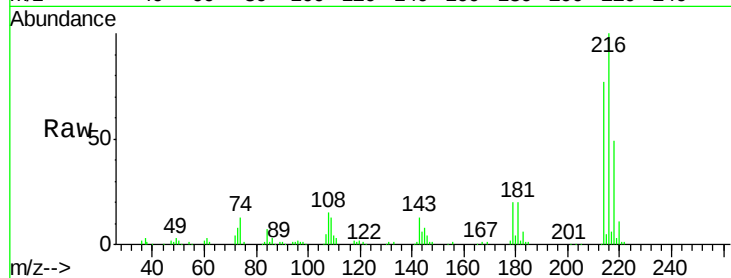
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       |      |       |       |
| 214     | 78.2 |       | 64.0 | 96.0  |       |
| 179     | 21.6 |       | 17.0 | 25.4  |       |
| 108     | 20.7 |       | 17.0 | 25.6  |       |

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#40

Hexachlorocyclopentadiene

Concen: 29.95 ng

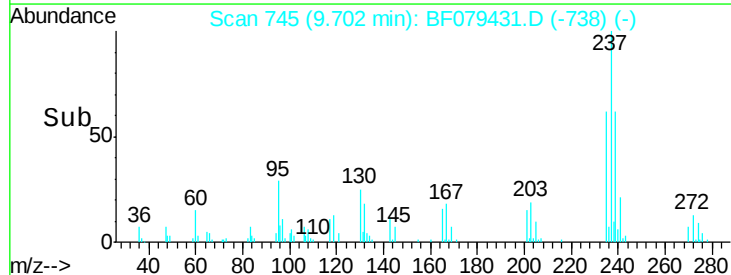
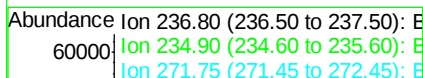
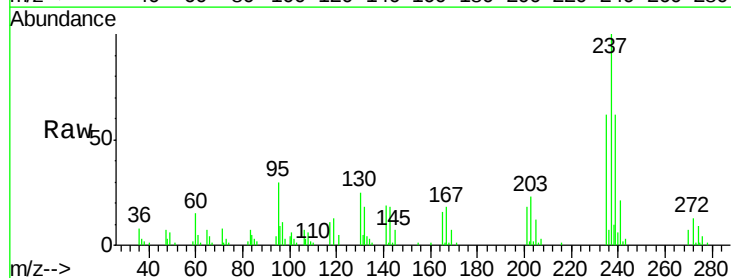
RT: 9.70 min Scan# 745

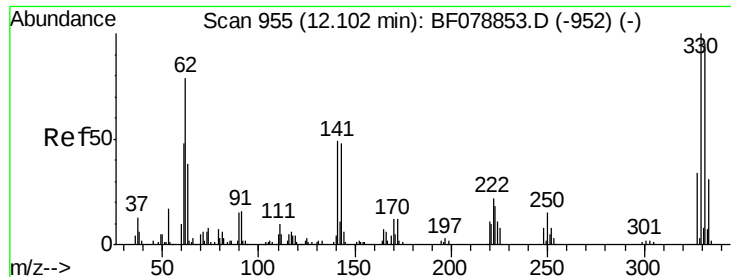
Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 62.2 |       | 40.0 | 80.0  |       |
| 272     | 13.1 |       | 0.0  | 36.0  |       |





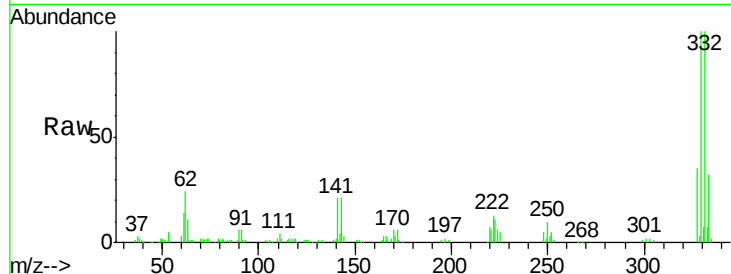
#41  
 2,4,6-Tribromophenol  
 Concen: 85.49 ng  
 RT: 11.78 min Scan# 927  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

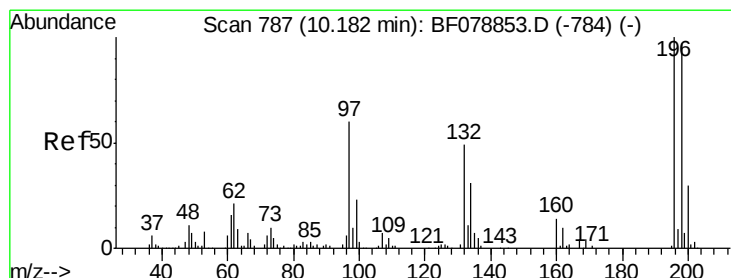
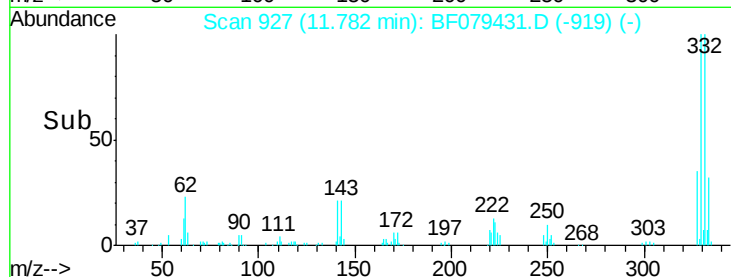
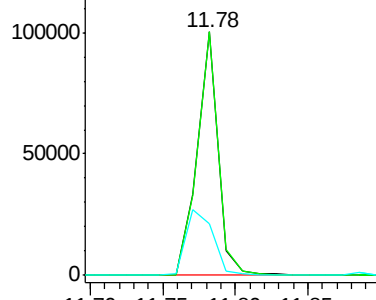
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 100771 |       |       |
| 332     | 99.9  | 76.9   | 115.3 |       |
| 141     | 34.6  | 27.8   | 41.8  |       |

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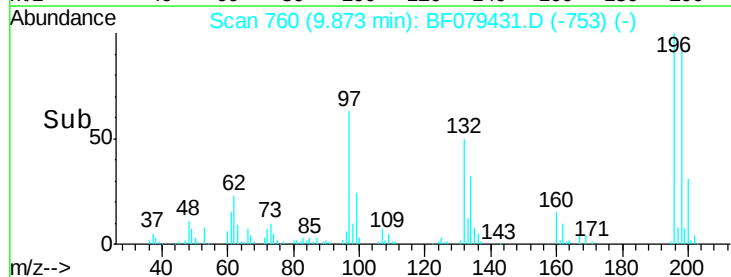
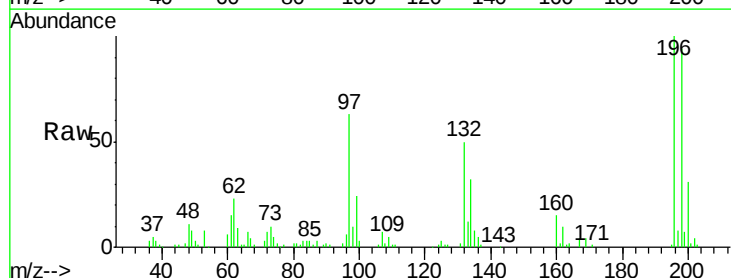
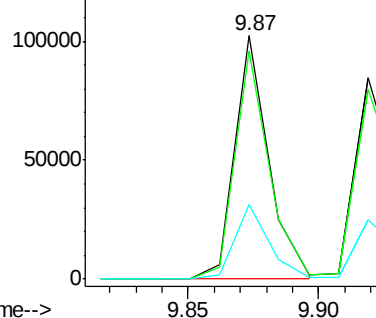
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 43.91 ng  
 RT: 9.87 min Scan# 760  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 92643 |       |       |
| 198     | 93.6  | 77.4  | 116.2 |       |
| 200     | 30.6  | 23.7  | 35.5  |       |

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





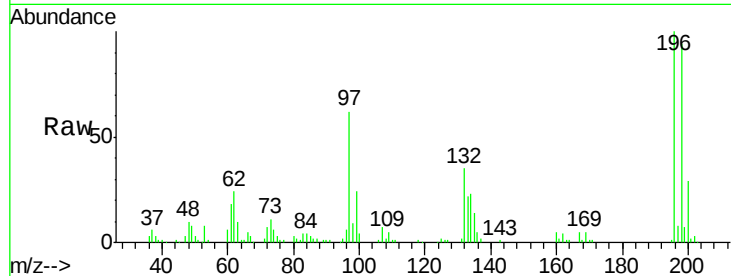
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.12 ng  
 RT: 9.92 min Scan# 764  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 94098 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.0  | 77.3  | 115.9 |
| 97        | 61.9  | 31.3  | 46.9# |
| 132       | 34.9  | 19.7  | 29.5# |

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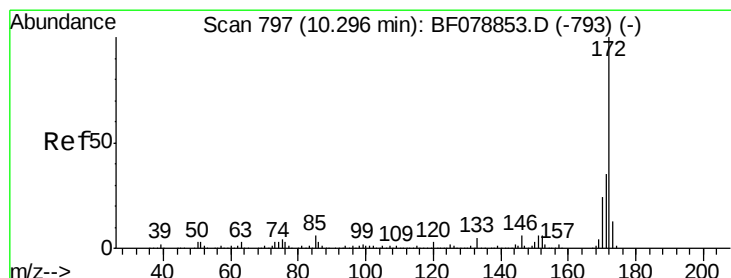
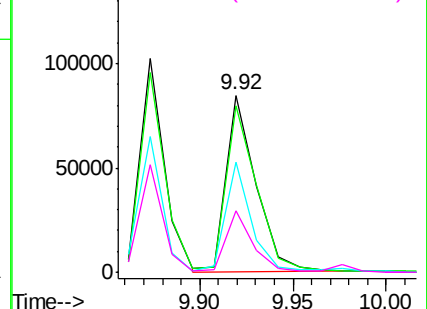
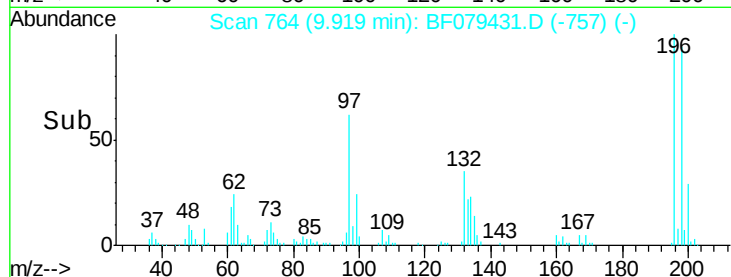
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

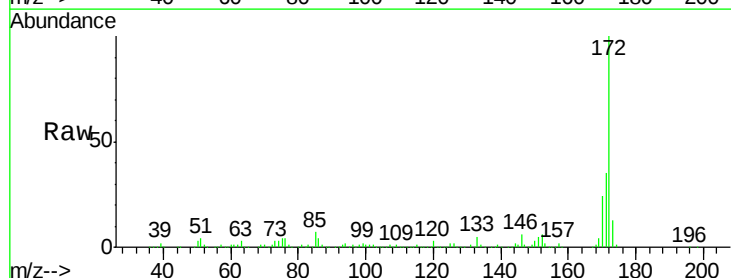
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 84.15 ng  
 RT: 9.98 min Scan# 769  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 658120 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.3  | 28.3  | 42.5   |
| 170       | 23.7  | 19.4  | 29.2   |

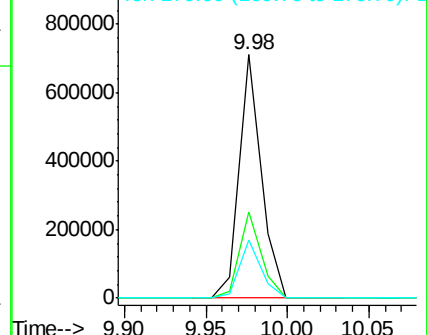
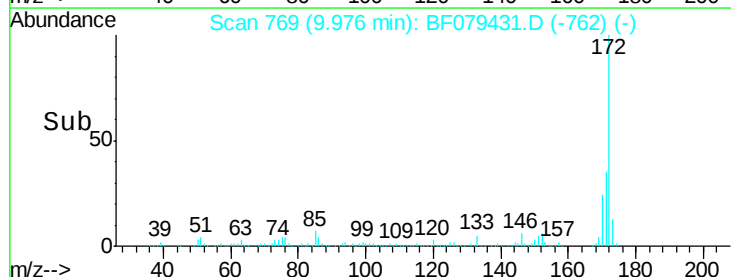


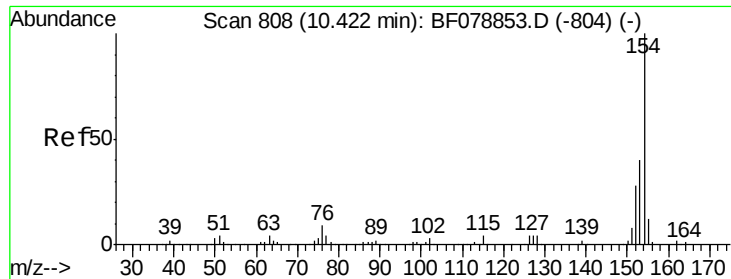
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





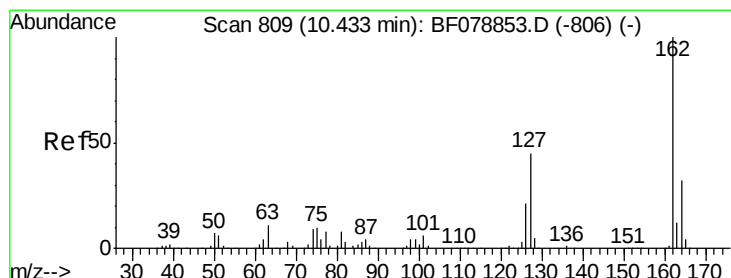
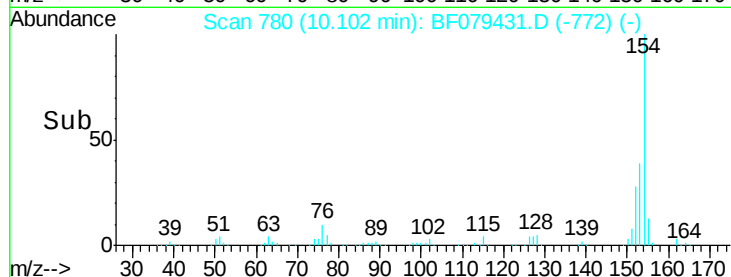
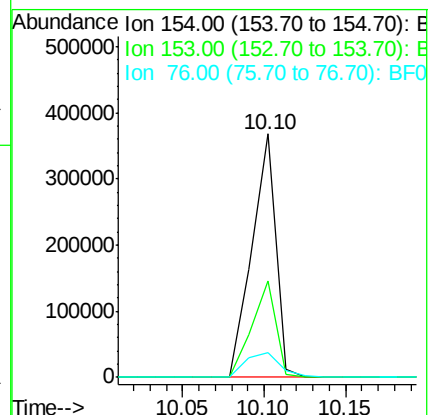
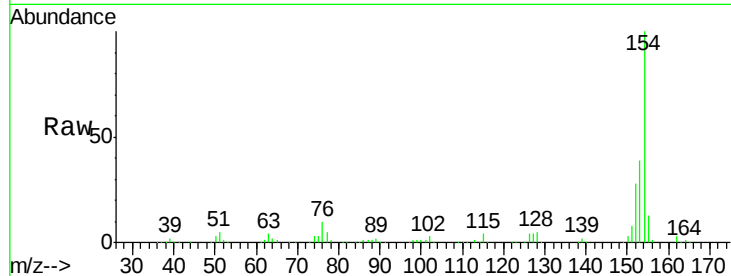
#45  
 1,1'-Biphenyl  
 Concen: 43.30 ng  
 RT: 10.10 min Scan# 780  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 39.4  | 19.7 | 59.7  |       |
| 76      | 9.9   | 0.0  | 29.1  |       |

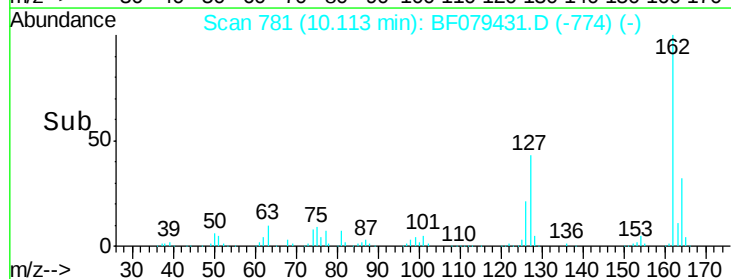
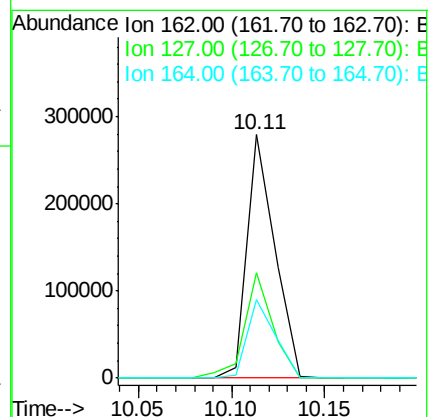
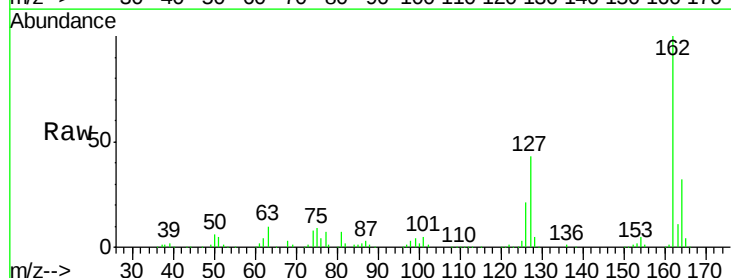
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#46  
 2-Chloronaphthalene  
 Concen: 42.62 ng  
 RT: 10.11 min Scan# 781  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 43.4  | 36.3 | 54.5  |       |
| 164     | 32.1  | 25.9 | 38.9  |       |





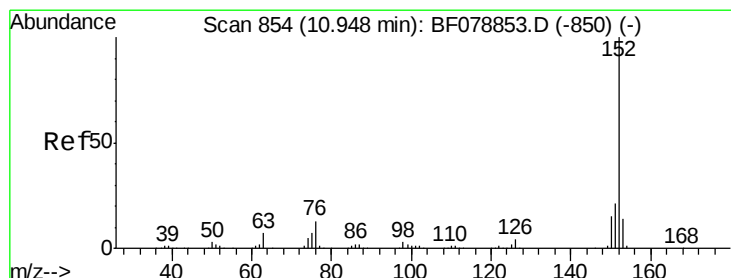
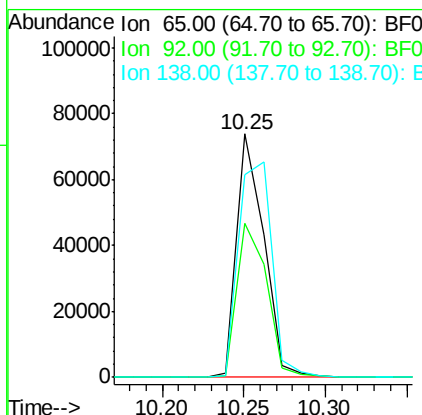
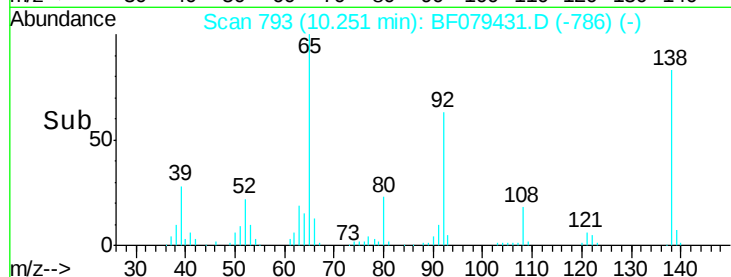
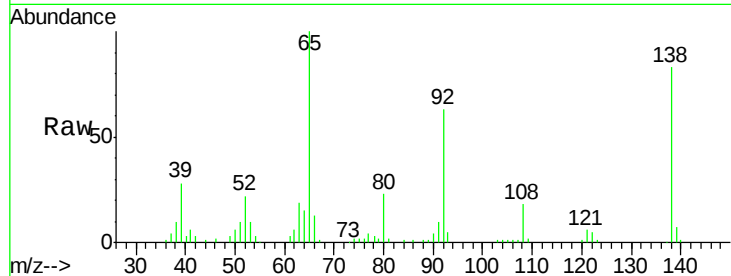
#47  
 2-Nitroaniline  
 Concen: 43.37 ng  
 RT: 10.25 min Scan# 793  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 84916 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 63.5  | 49.1  | 73.7  |
| 138       | 83.1  | 63.2  | 94.8  |

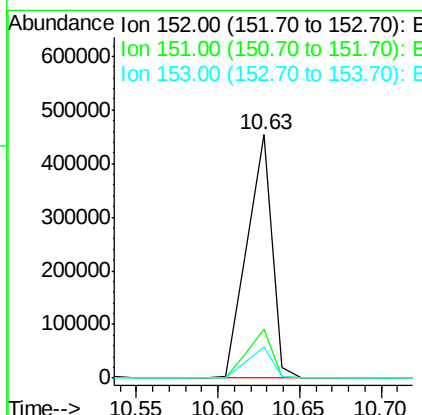
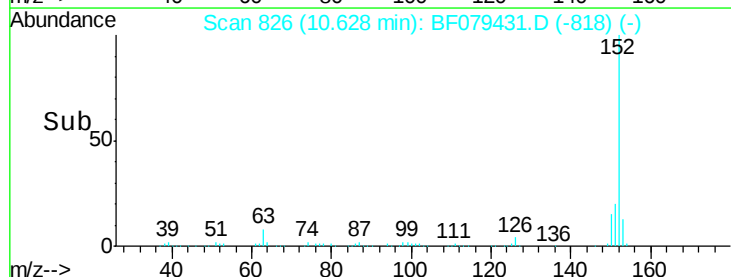
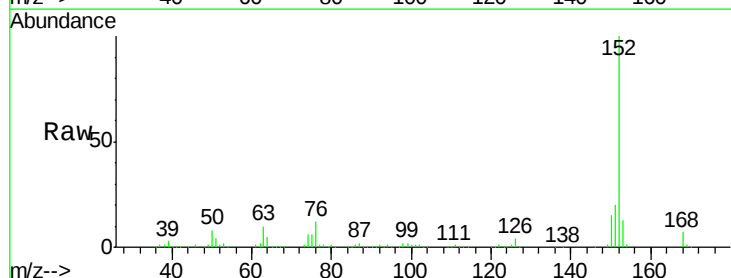
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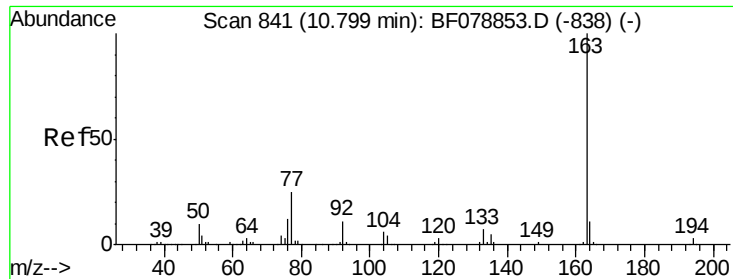
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#48  
 Acenaphthylene  
 Concen: 43.53 ng  
 RT: 10.63 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 482926 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.0  | 16.6  | 24.8   |
| 153       | 12.9  | 11.0  | 16.6   |





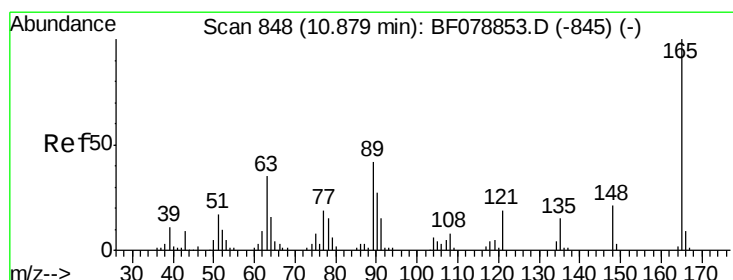
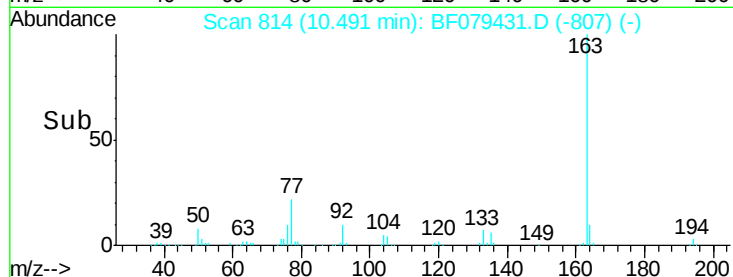
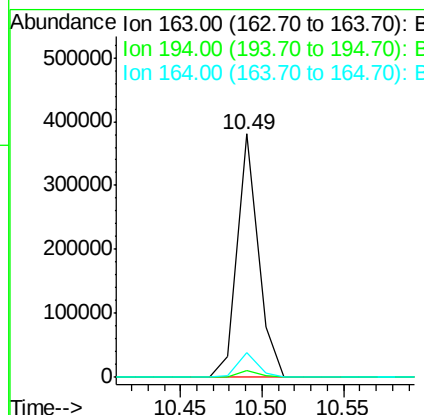
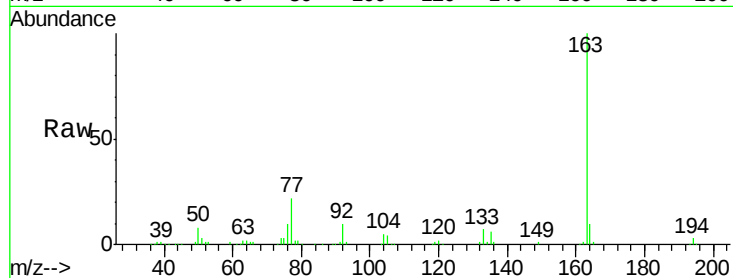
#49  
Dimethylphthalate  
Concen: 42.37 ng  
RT: 10.49 min Scan# 814  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 338854 |       |       |
| 194     | 2.9  | 2.4   | 3.6    |       |       |
| 164     | 10.3 | 8.6   | 12.8   |       |       |

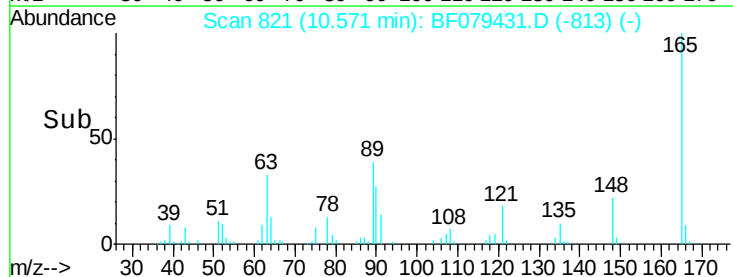
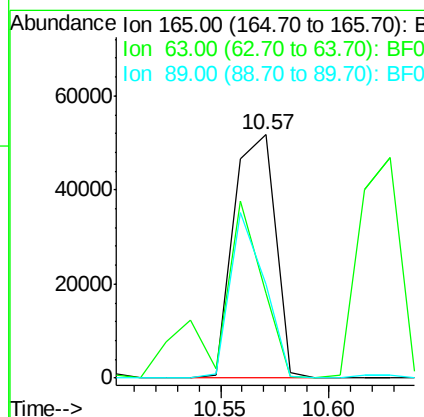
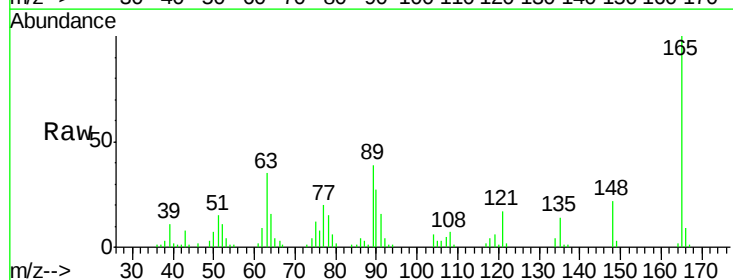
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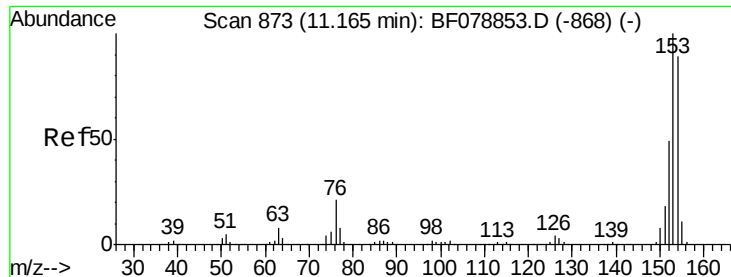
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#50  
2,6-Dinitrotoluene  
Concen: 43.59 ng  
RT: 10.57 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 165     | 100  |       | 68794 |       |       |
| 63      | 35.1 | 29.2  | 43.8  |       |       |
| 89      | 38.7 | 33.3  | 49.9  |       |       |





#51

Acenaphthene

Concen: 41.14 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

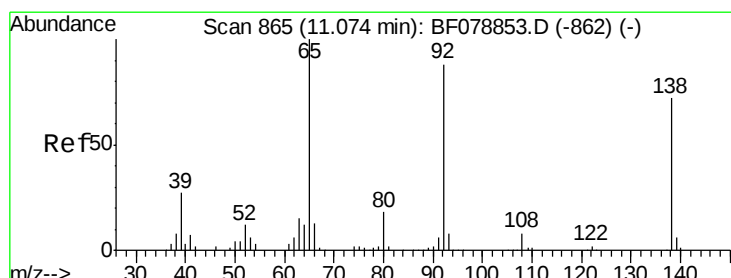
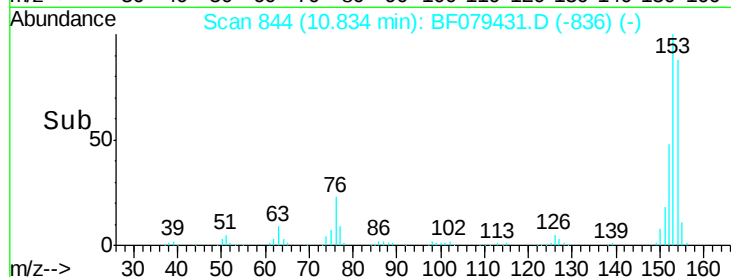
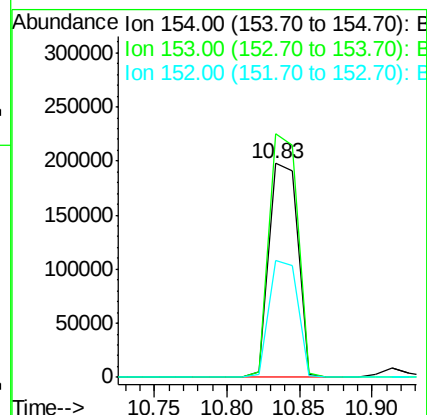
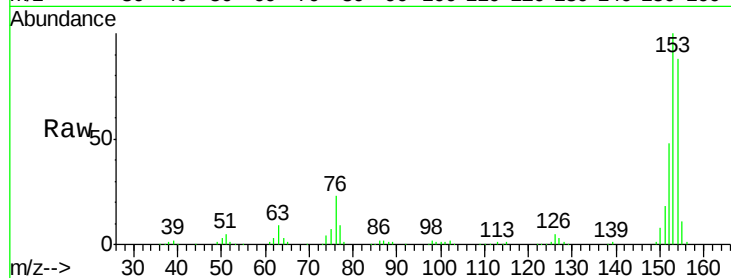
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 272140 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 90.2  | 135.2  |
| 152       | 54.7  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 45.01 ng

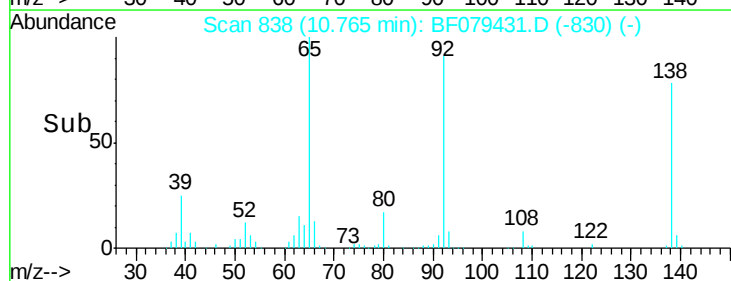
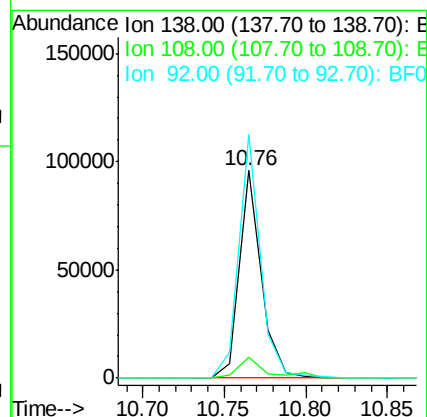
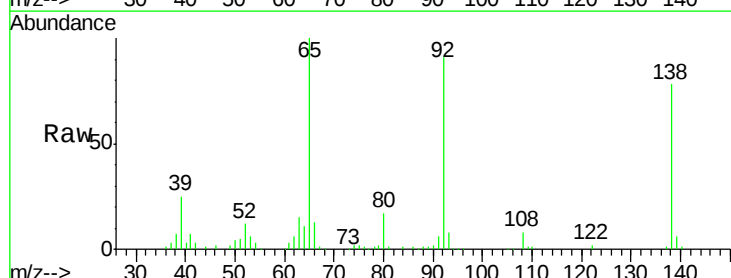
RT: 10.76 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 88743 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.9   | 8.5   | 12.7  |
| 92        | 117.2 | 97.4  | 146.0 |





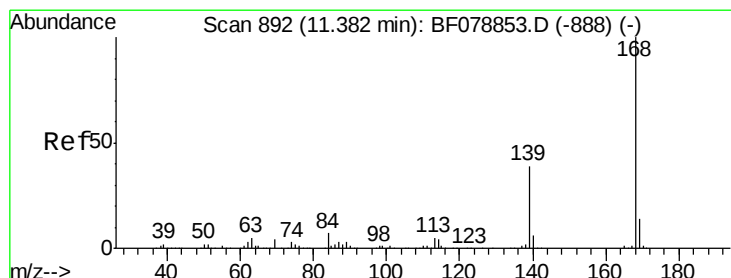
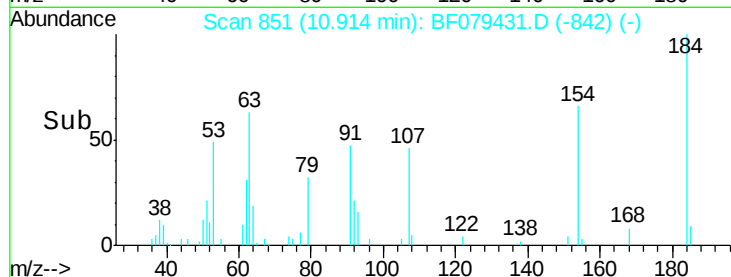
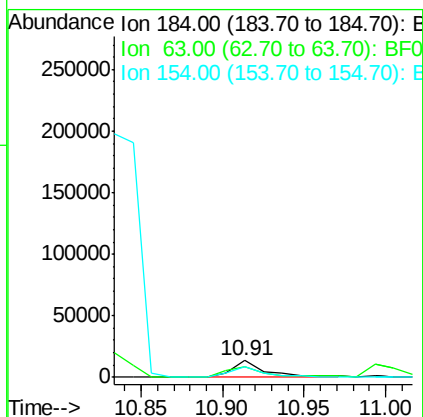
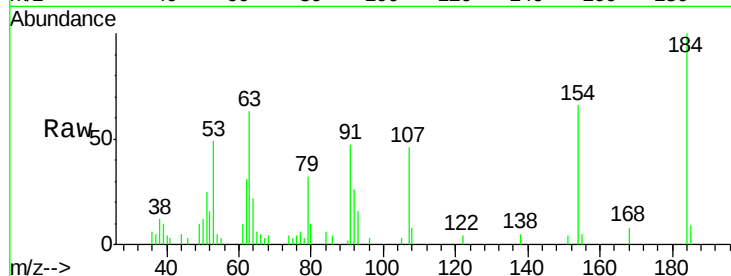
#53  
 2,4-Dinitrophenol  
 Concen: 43.14 ng  
 RT: 10.91 min Scan# 851  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 63.1  | 98.8  | 148.2# |
| 154     | 66.1  | 63.4  | 95.0   |

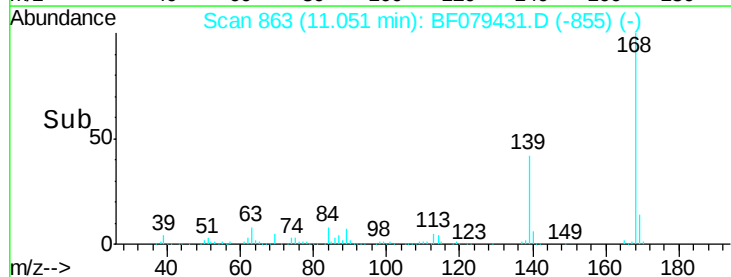
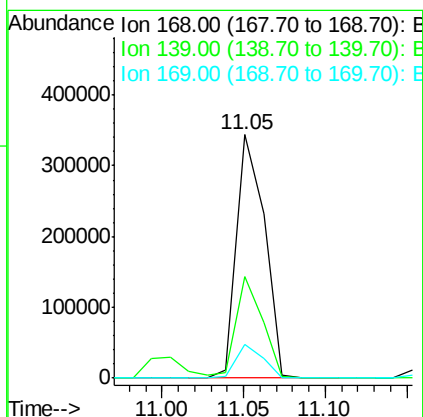
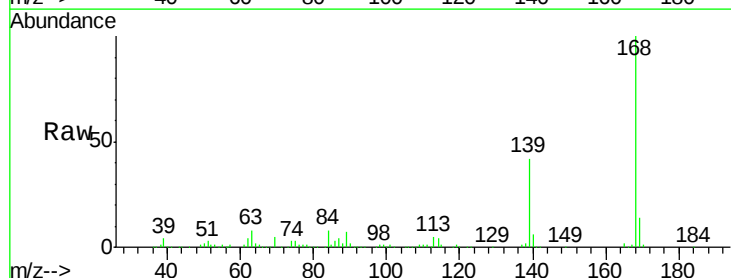
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#54  
 Dibenzofuran  
 Concen: 42.57 ng  
 RT: 11.05 min Scan# 863  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.7  | 31.5  | 47.3  |
| 169     | 13.7  | 11.0  | 16.4  |





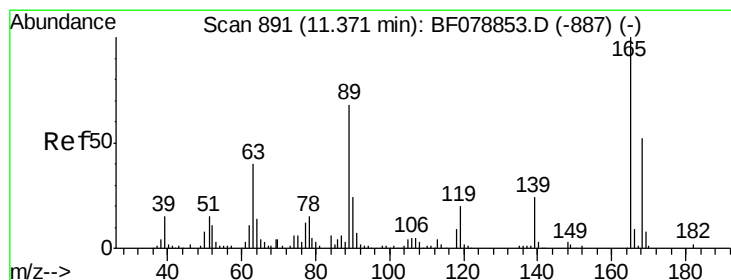
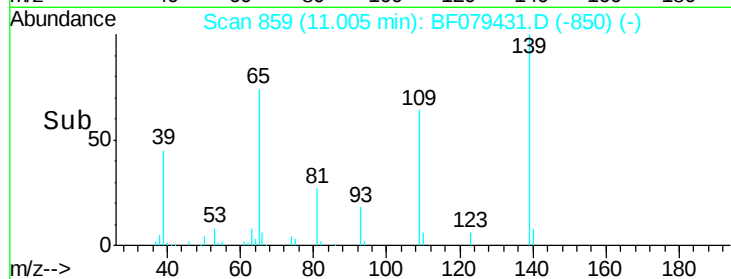
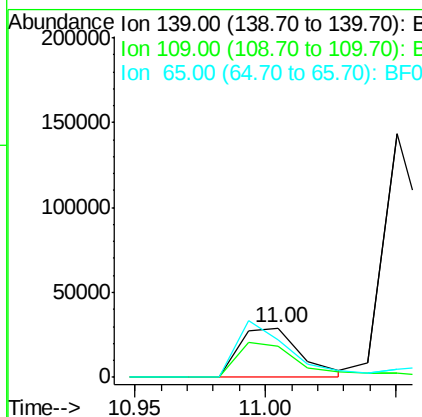
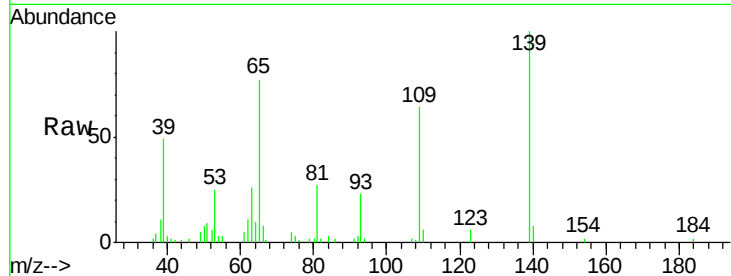
#55  
4-Nitrophenol  
Concen: 30.55 ng  
RT: 11.00 min Scan# 859  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.8  | 54.4  | 94.4  |
| 65      | 76.5  | 101.0 | 141.0 |

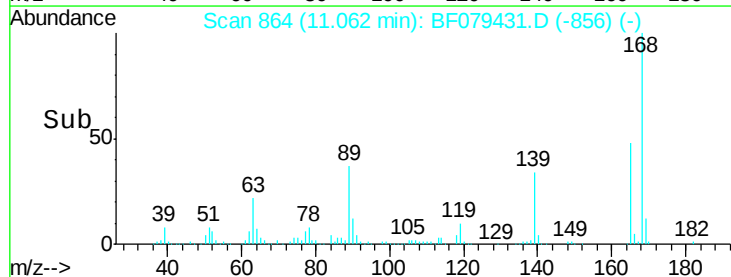
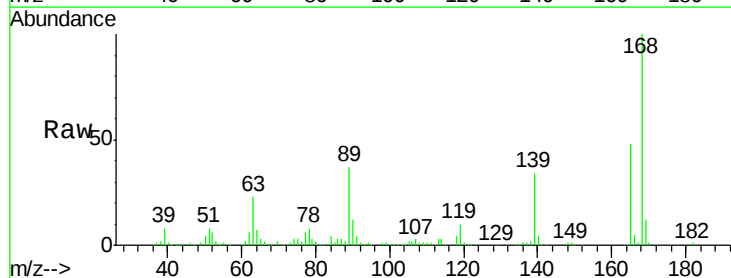
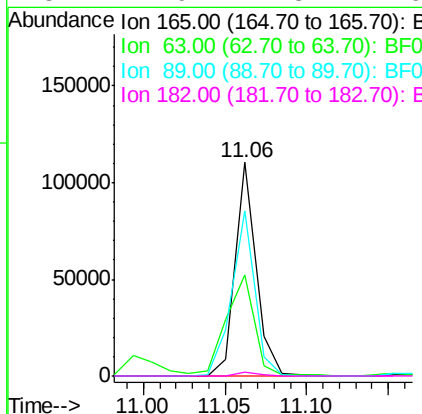
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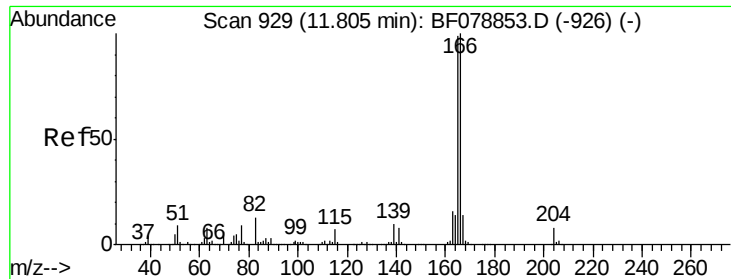
apatel  
5/27/2015 8:15:12 AM



#56  
2,4-Dinitrotoluene  
Concen: 46.33 ng  
RT: 11.06 min Scan# 864  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.3  | 32.3  | 48.5  |
| 89      | 77.2  | 54.6  | 81.8  |
| 182     | 1.9   | 1.8   | 2.6   |





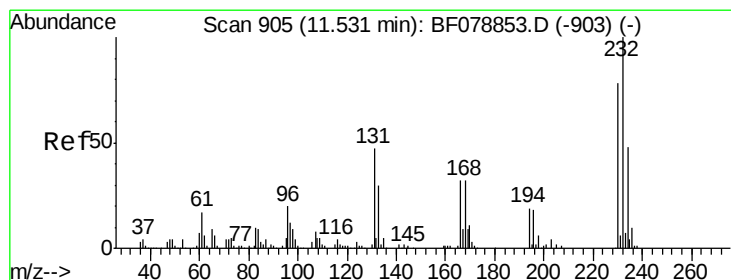
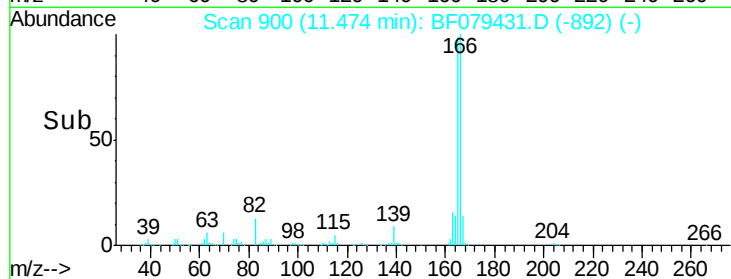
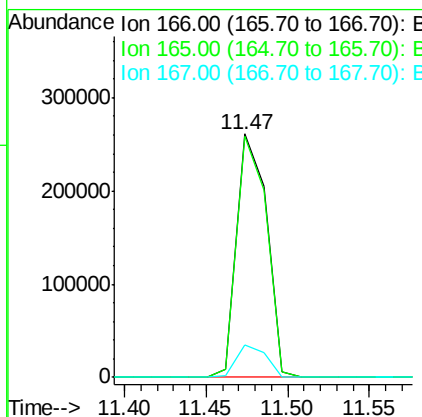
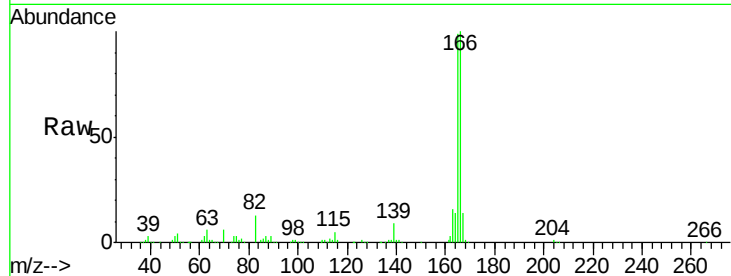
#57  
 Fluorene  
 Concen: 42.12 ng  
 RT: 11.47 min Scan# 900  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 330379 |       |       |
| 165     | 98.9  | 79.5   | 119.3 |       |
| 167     | 13.6  | 11.0   | 16.6  |       |

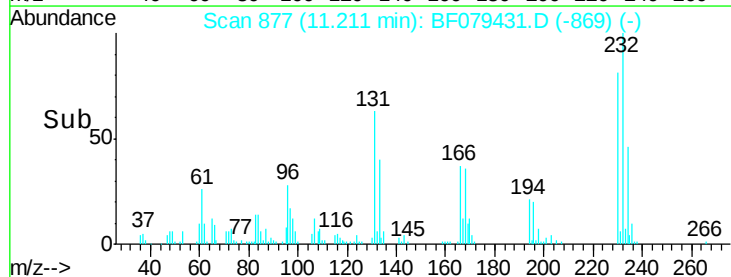
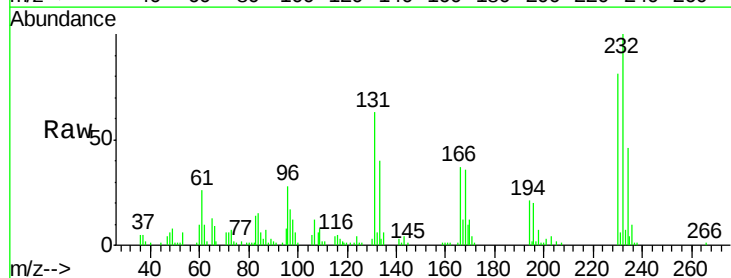
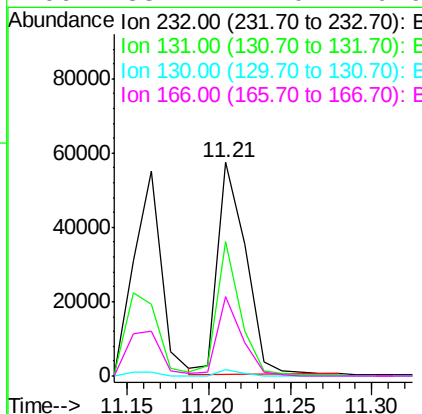
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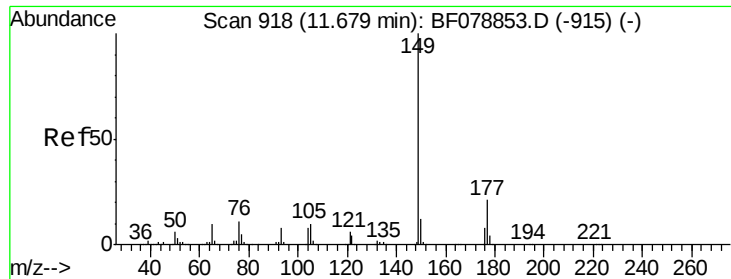
apatel  
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.37 ng  
 RT: 11.21 min Scan# 877  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 68622 |       |       |
| 131     | 52.5  | 41.9  | 62.9  |       |
| 130     | 2.5   | 1.9   | 2.9   |       |
| 166     | 33.2  | 27.0  | 40.6  |       |





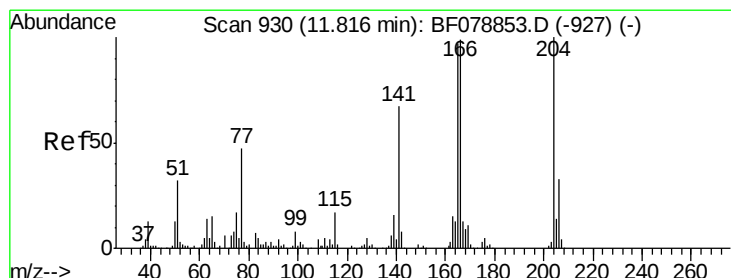
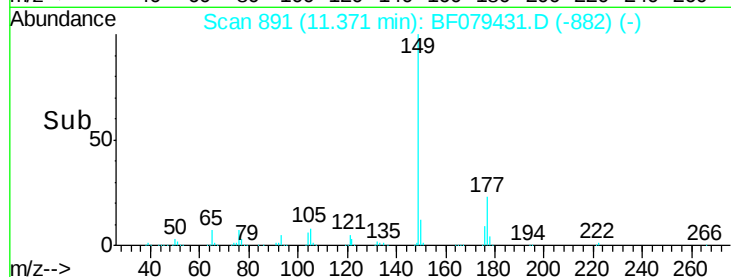
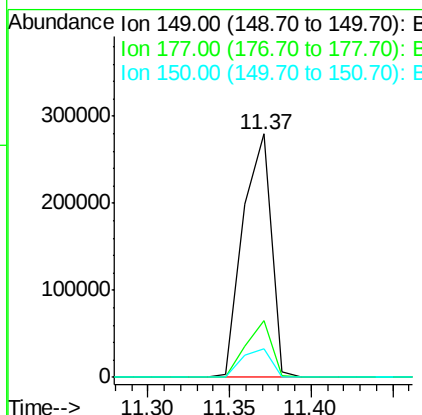
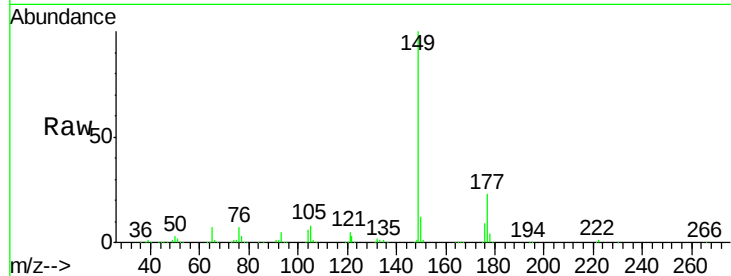
#59  
Diethylphthalate  
Concen: 42.38 ng  
RT: 11.37 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 149     | 100  |       |      |       |       |
| 177     | 23.1 | 16.4  | 24.6 |       |       |
| 150     | 11.8 | 9.8   | 14.6 |       |       |

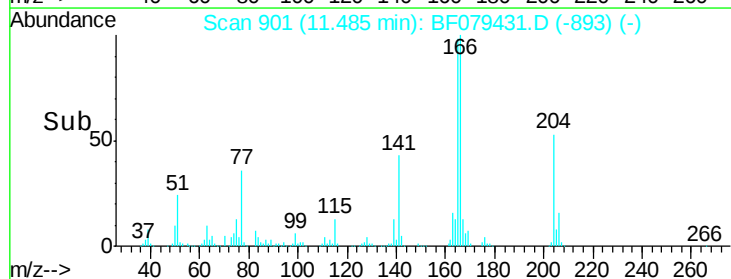
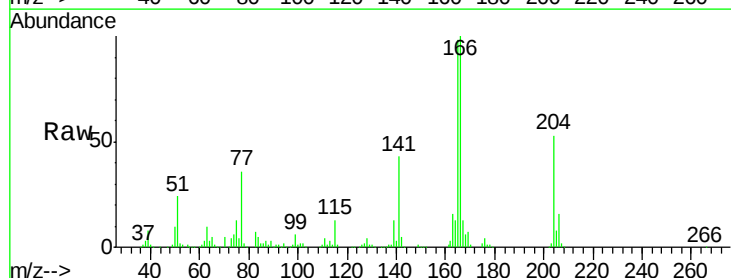
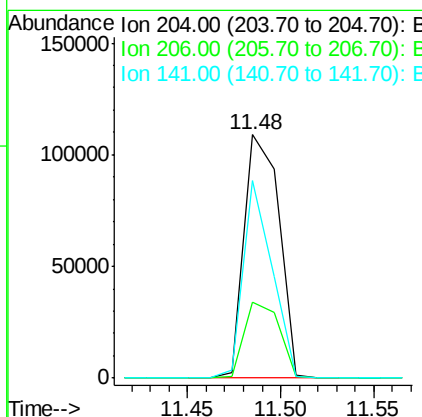
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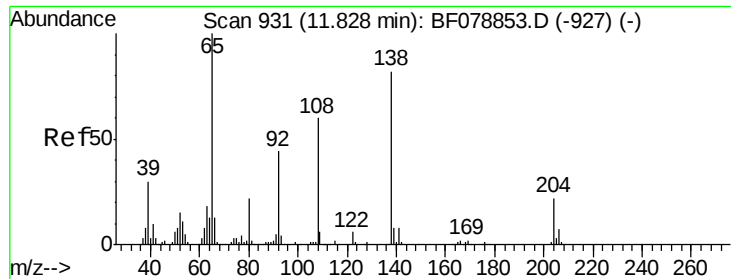
apatel  
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#60  
4-Chlorophenyl-phenylether  
Concen: 40.72 ng  
RT: 11.48 min Scan# 901  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 204     | 100  |       |      |       |       |
| 206     | 31.0 | 26.2  | 39.4 |       |       |
| 141     | 81.2 | 53.6  | 80.4 |       |       |





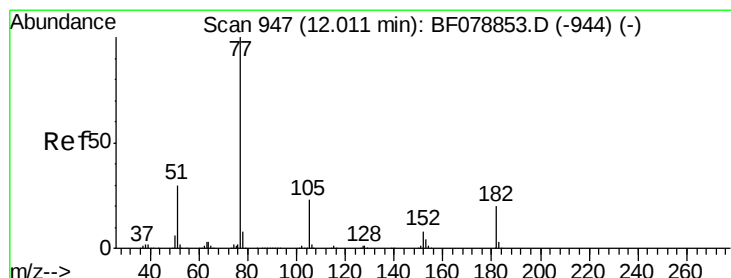
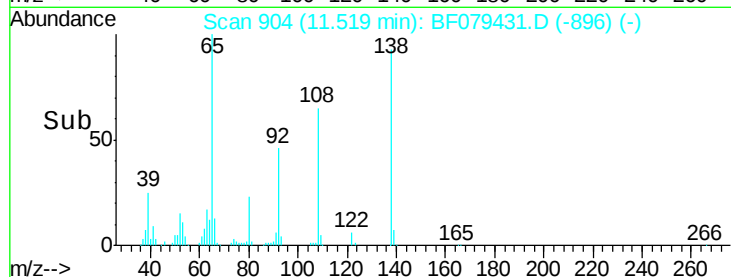
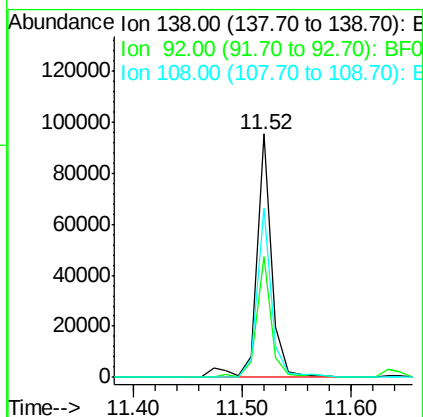
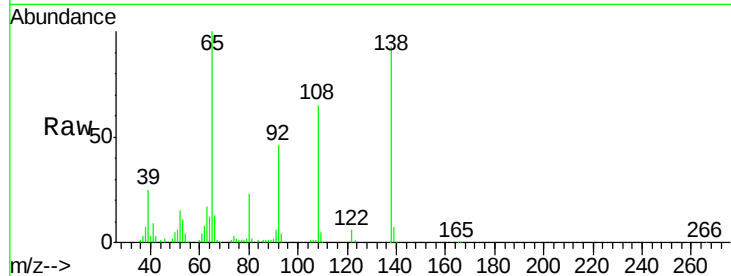
#61  
4-Nitroaniline  
Concen: 46.95 ng  
RT: 11.52 min Scan# 904  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.4  | 33.7  | 73.7  |
| 108     | 69.8  | 53.4  | 93.4  |

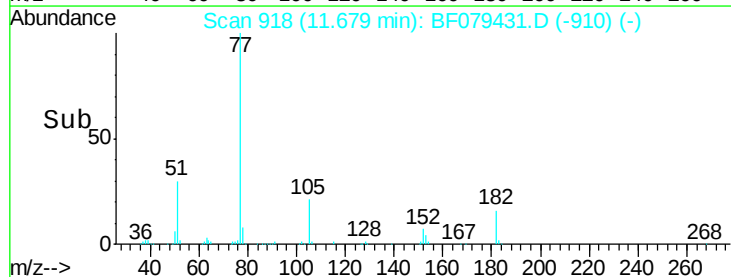
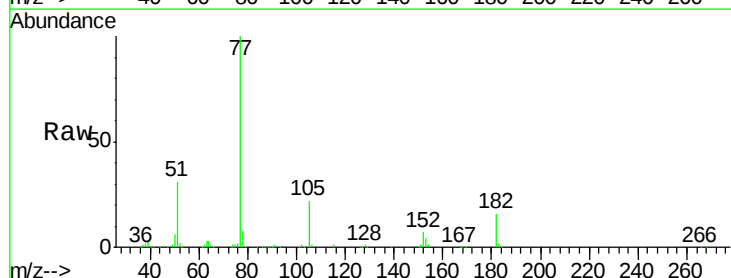
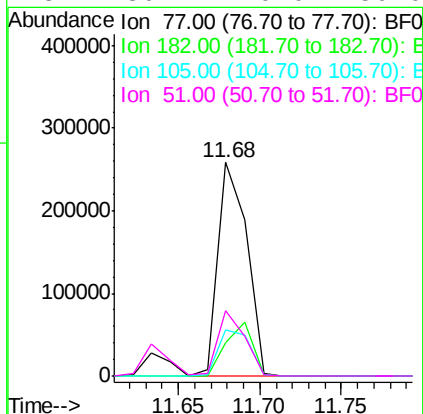
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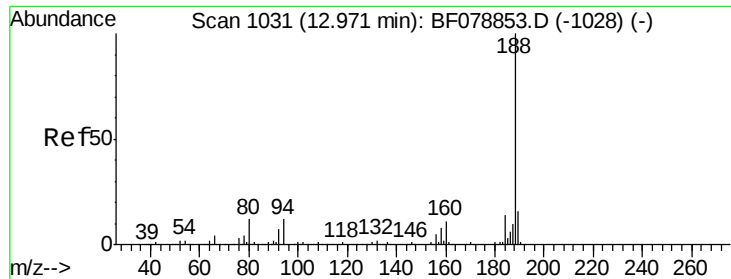
apatel  
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#62  
Azobenzene  
Concen: 40.51 ng  
RT: 11.68 min Scan# 918  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 15.6  | 0.0   | 40.0  |
| 105     | 21.5  | 2.9   | 42.9  |
| 51      | 30.7  | 10.0  | 50.0  |





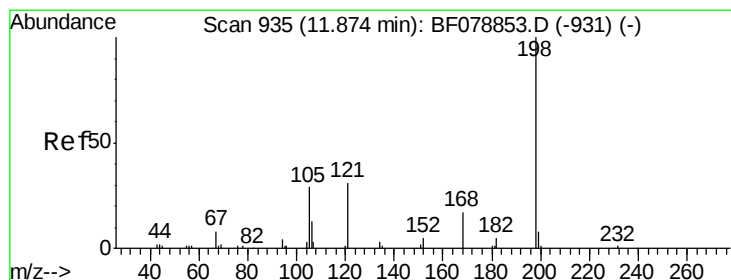
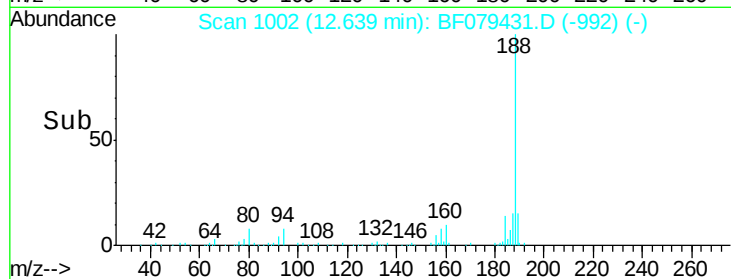
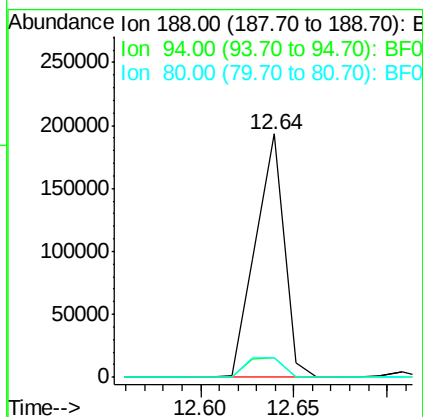
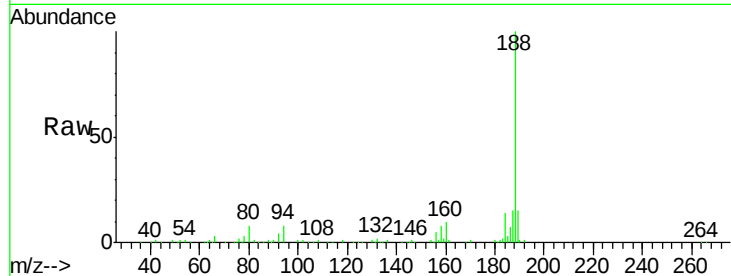
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.64 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 8.2   | 9.4        | 14.0# |
| 80      | 8.2   | 9.8        | 14.6# |

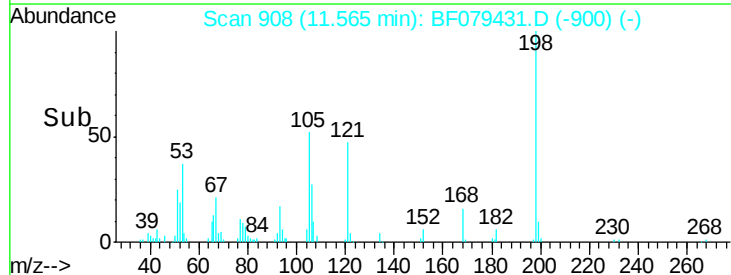
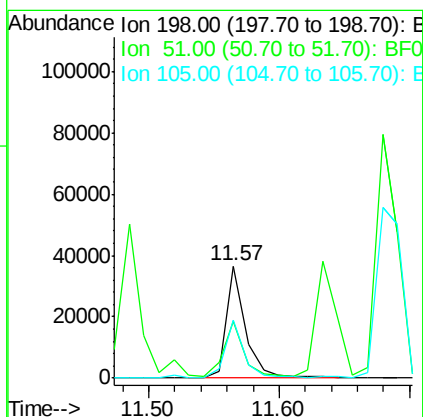
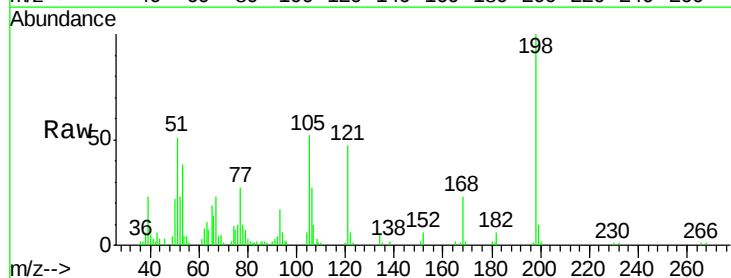
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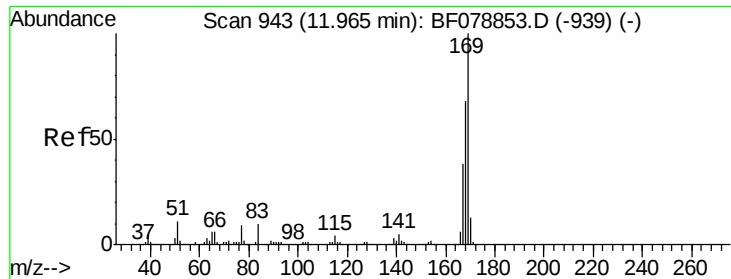
apatel  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.36 ng  
RT: 11.57 min Scan# 908  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 51.0  | 7.0        | 47.0# |
| 105     | 51.7  | 13.7       | 53.7  |





#65

n-Nitrosodiphenylamine

Concen: 42.97 ng

RT: 11.65 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

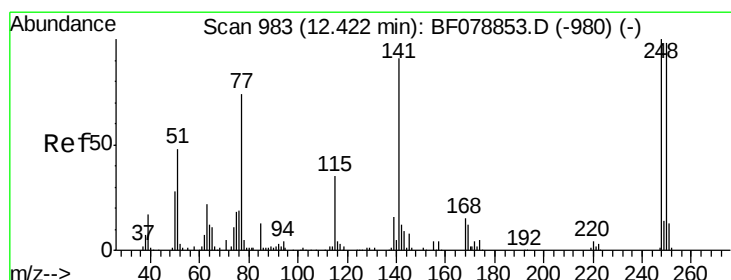
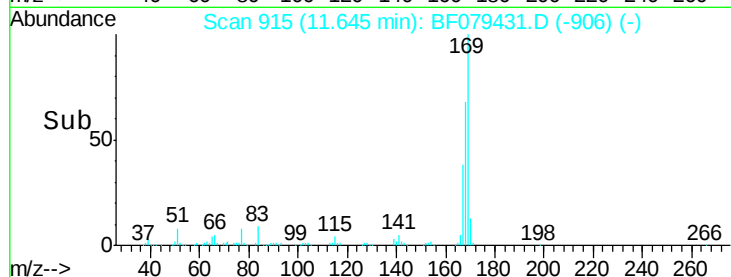
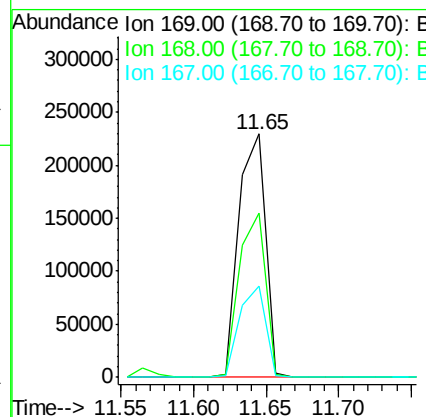
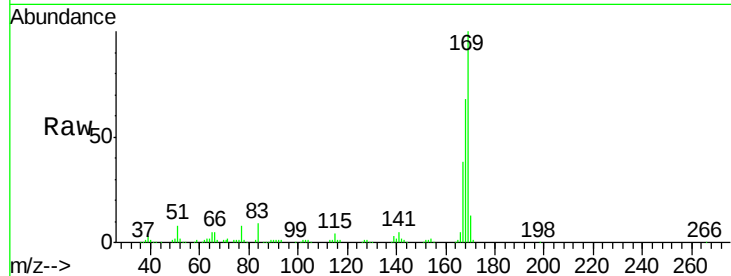
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 294756 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.7  | 54.1  | 81.1   |
| 167       | 37.6  | 30.1  | 45.1   |

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#66

4-Bromophenyl-phenylether

Concen: 41.85 ng

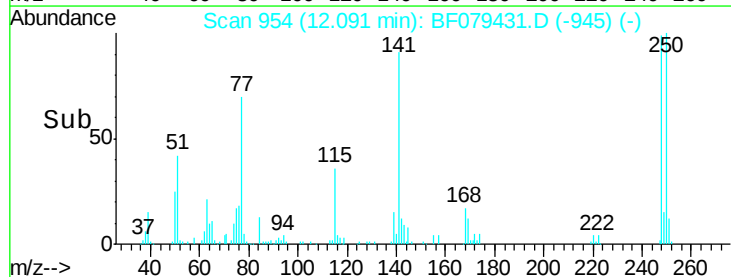
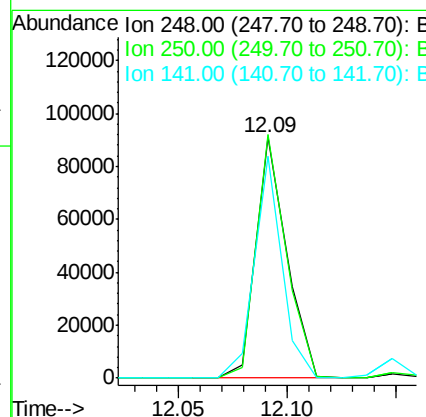
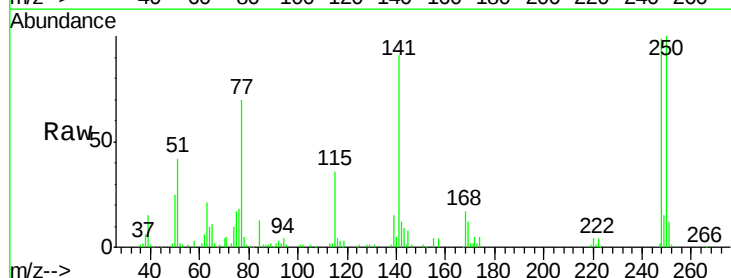
RT: 12.09 min Scan# 954

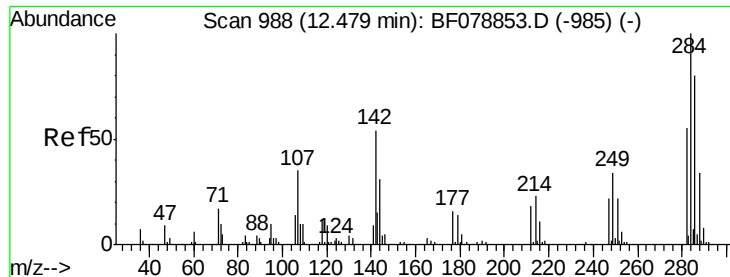
Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 89853 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 101.2 | 78.0  | 117.0 |
| 141       | 92.0  | 72.6  | 109.0 |





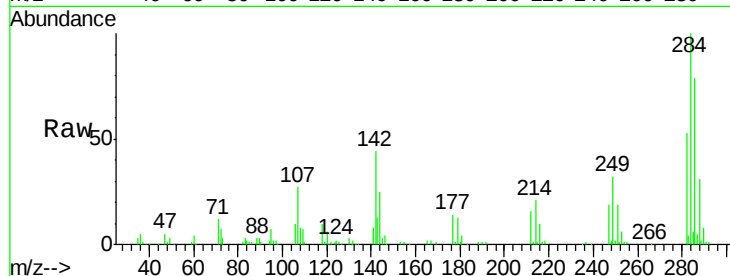
#67  
Hexachlorobenzene  
Concen: 41.86 ng  
RT: 12.15 min Scan# 959  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

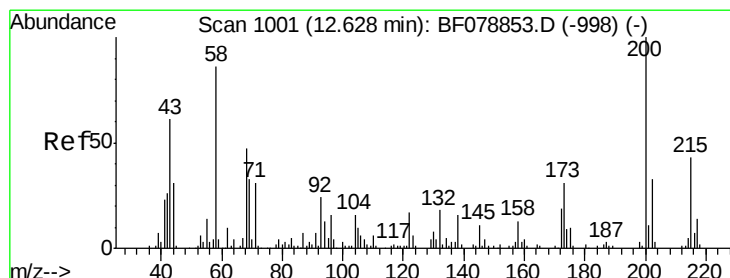
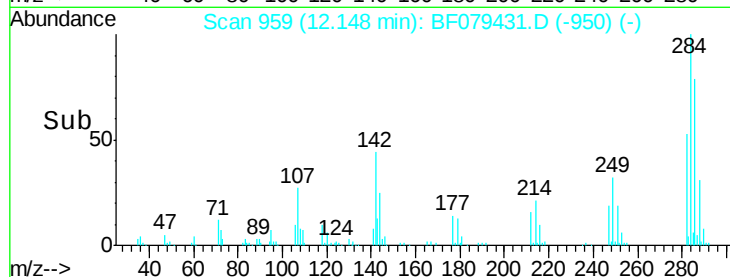
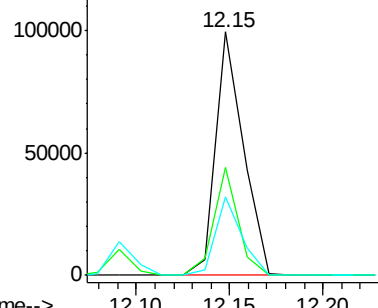
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 44.2  | 43.2       | 64.8  |
| 249     | 32.1  | 27.5       | 41.3  |

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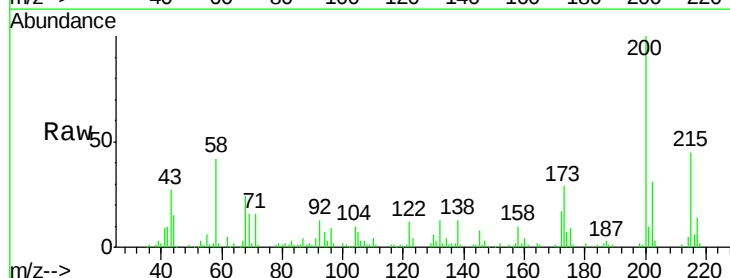


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

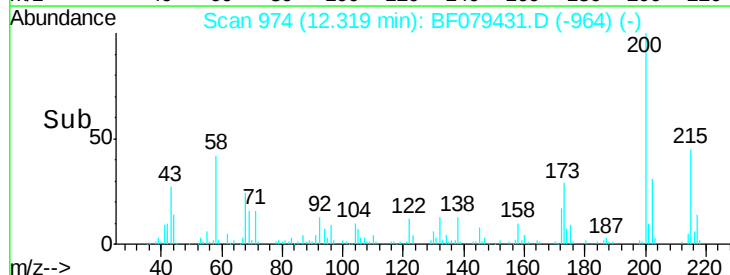
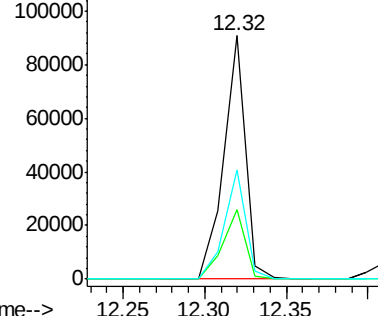


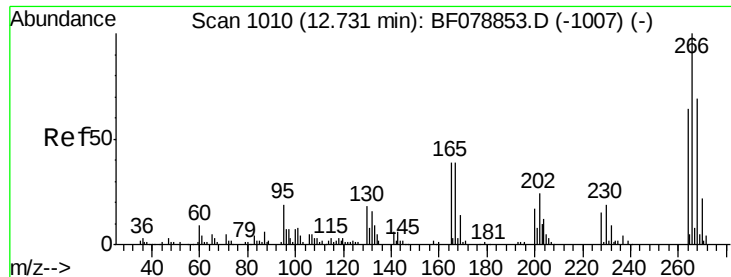
#68  
Atrazine  
Concen: 41.99 ng  
RT: 12.32 min Scan# 974  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.6  | 10.9       | 50.9  |
| 215     | 44.7  | 23.2       | 63.2  |



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





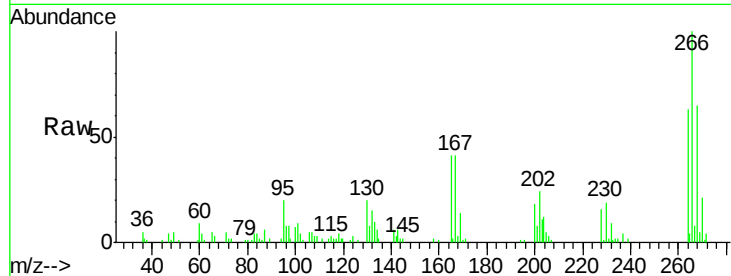
#69  
 Pentachlorophenol  
 Concen: 35.74 ng  
 RT: 12.41 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

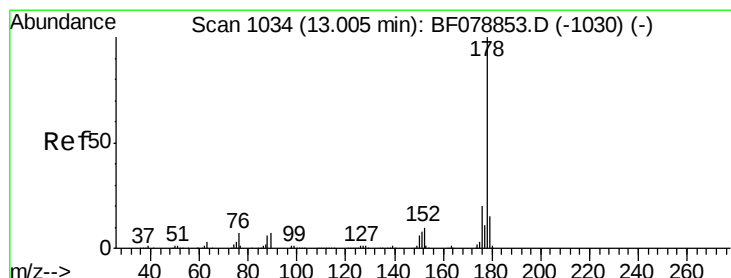
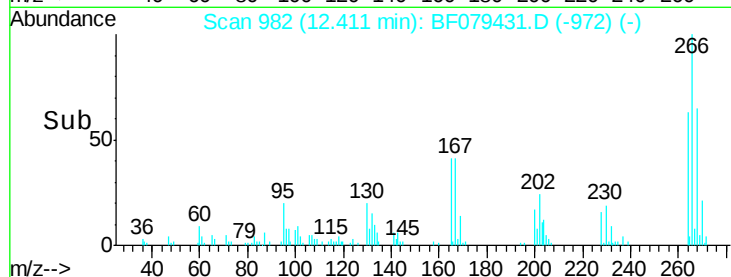
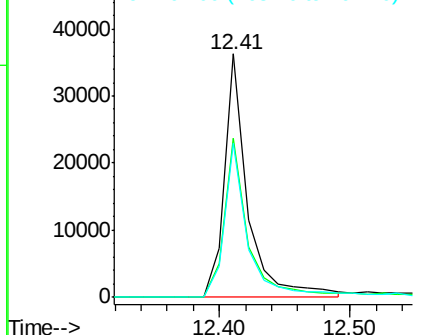
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 45373 |       |       |
| 268     | 65.4  |       | 55.0  | 82.6  |
| 264     | 63.3  |       | 50.9  | 76.3  |

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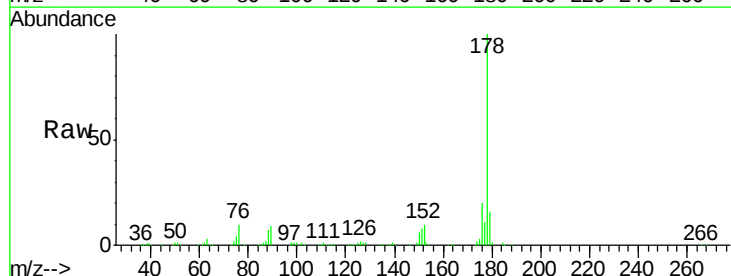


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

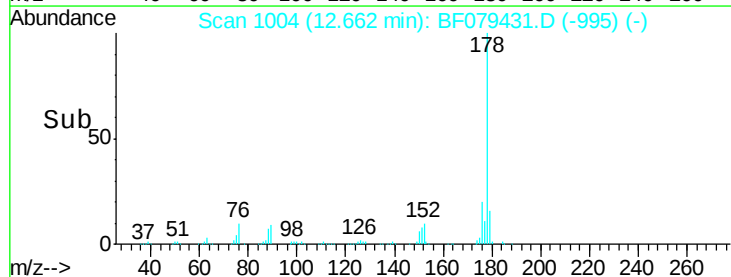
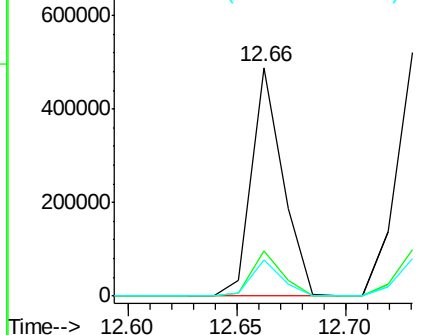


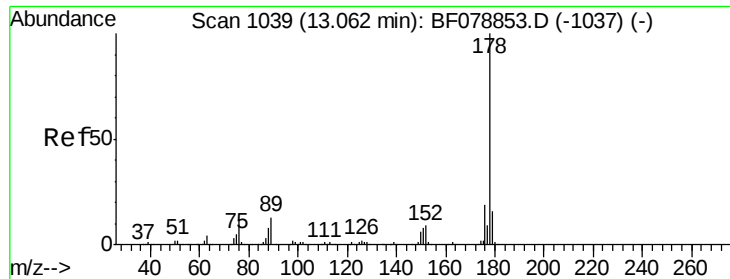
#70  
 Phenanthrene  
 Concen: 42.44 ng  
 RT: 12.66 min Scan# 1004  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 488958 |       |       |
| 176     | 19.5  |        | 15.9  | 23.9  |
| 179     | 15.7  |        | 12.2  | 18.4  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





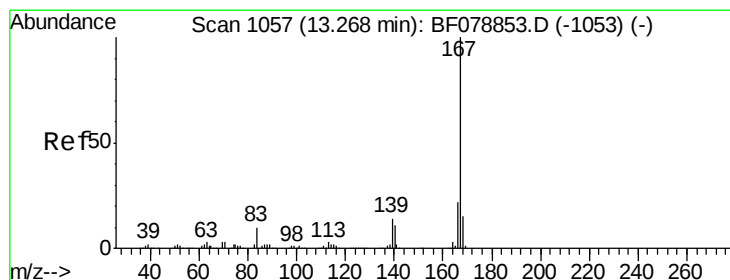
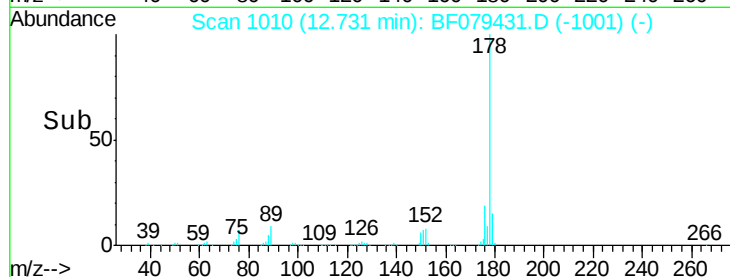
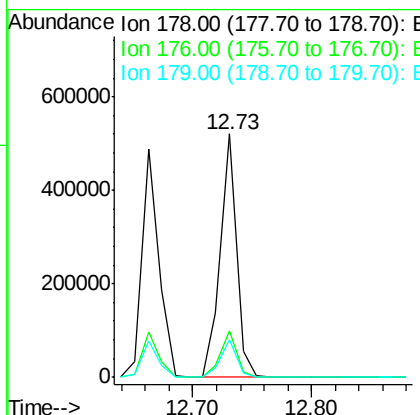
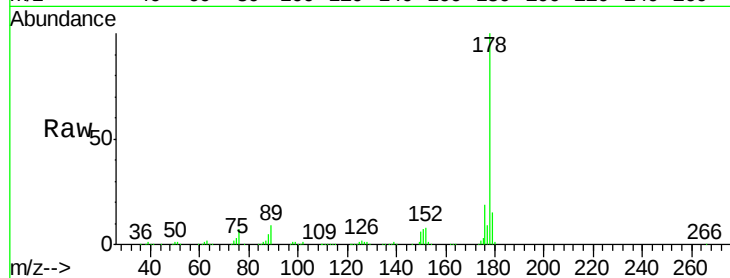
#71  
 Anthracene  
 Concen: 43.90 ng  
 RT: 12.73 min Scan# 1010  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.3  | 22.9  |
| 179     | 15.4  | 12.6  | 19.0  |

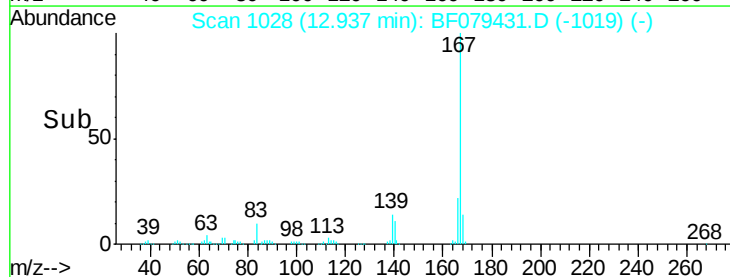
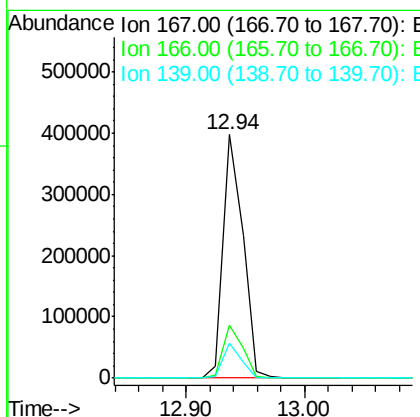
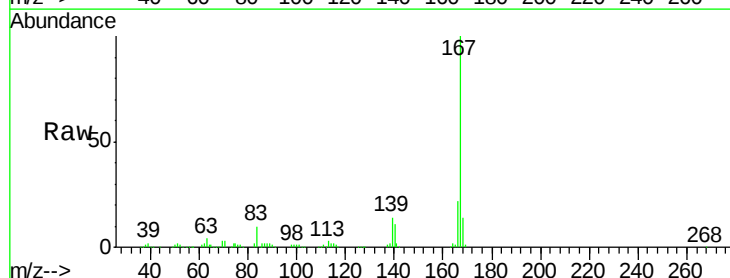
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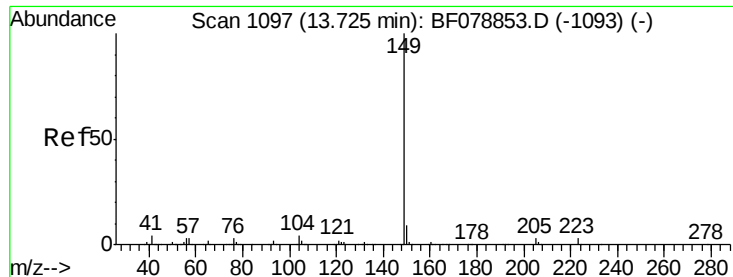
apatel  
 5/27/2015 8:15:12 AM



#72  
 Carbazole  
 Concen: 42.51 ng  
 RT: 12.94 min Scan# 1028  
 Delta R.T. -0.02 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.5  | 26.3  |
| 139     | 14.1  | 11.0  | 16.4  |





#73

Di-n-butylphthalate

Concen: 43.96 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

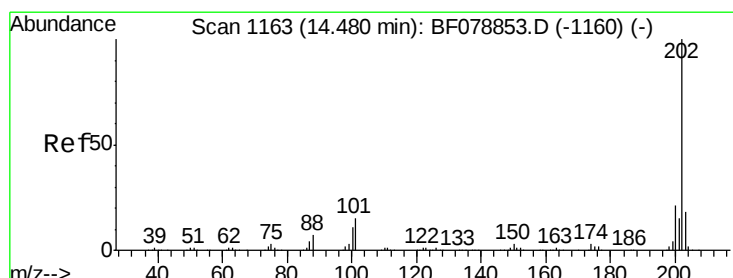
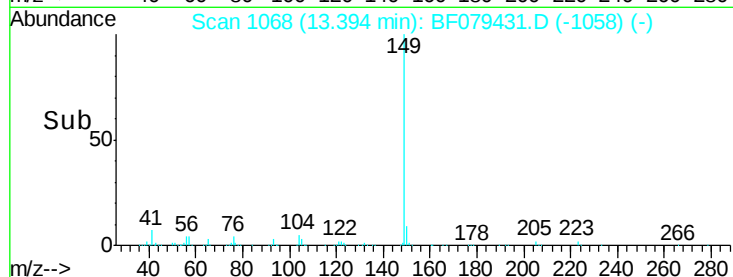
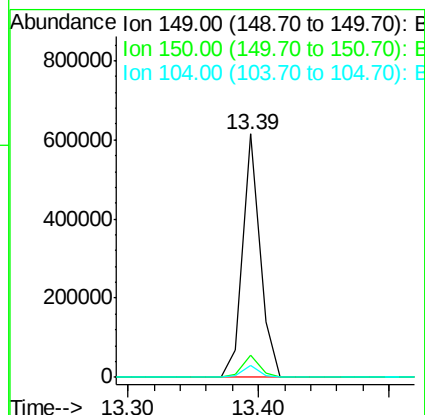
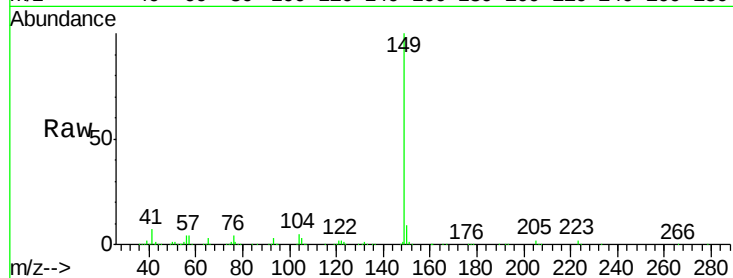
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 567992 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.0   | 10.4   |
| 104       | 4.8   | 3.3   | 4.9    |

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#74

Fluoranthene

Concen: 42.18 ng

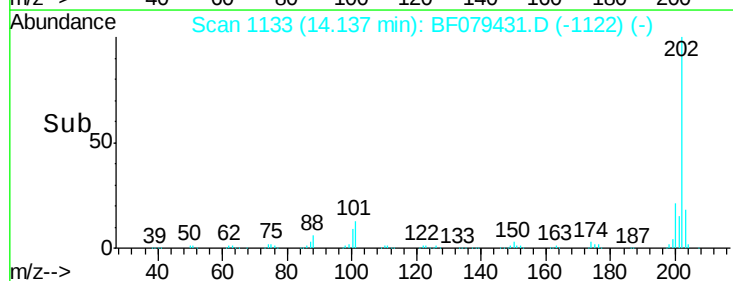
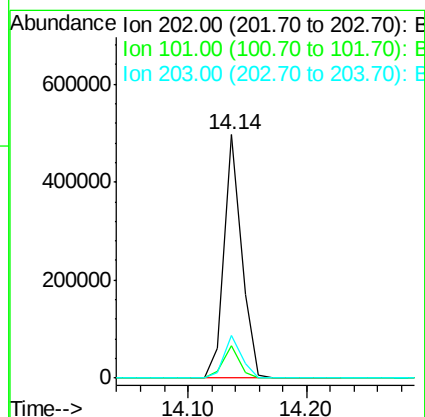
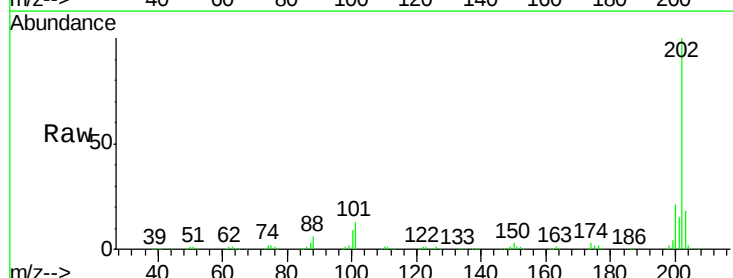
RT: 14.14 min Scan# 1133

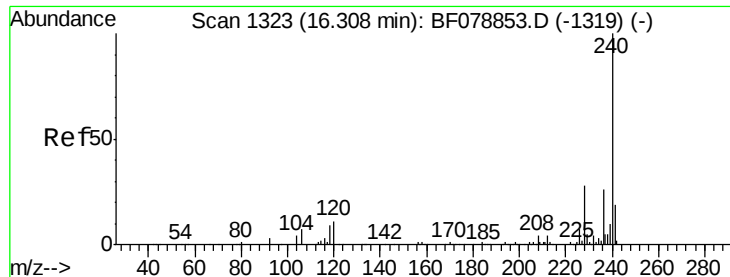
Delta R.T. -0.02 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 506370 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.4  | 0.0   | 34.7   |
| 203       | 17.6  | 0.0   | 37.9   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

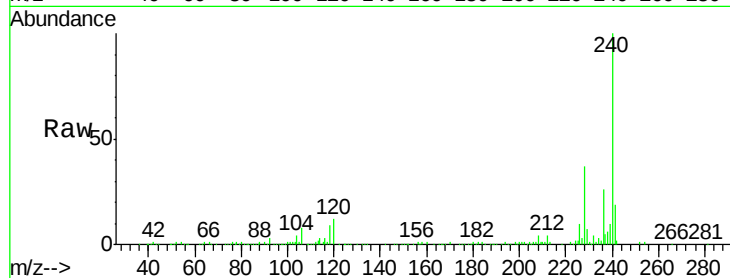
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 209966 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.7  | 8.6   | 12.8   |
| 236       | 26.1  | 21.0  | 31.6   |

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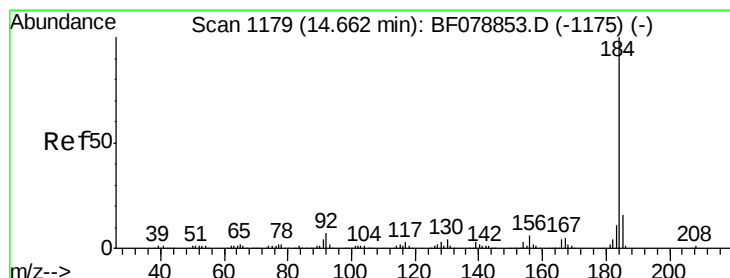
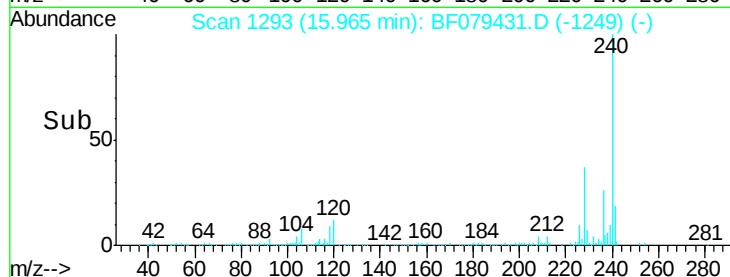
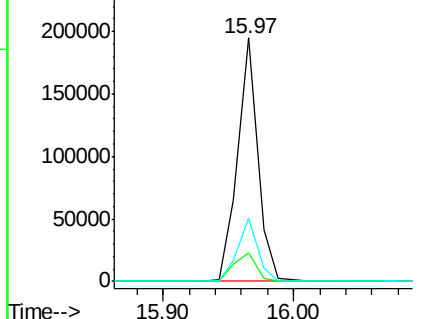
apatel  
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 50.40 ng

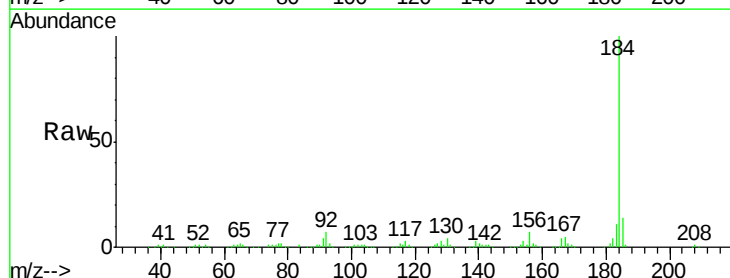
RT: 14.33 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

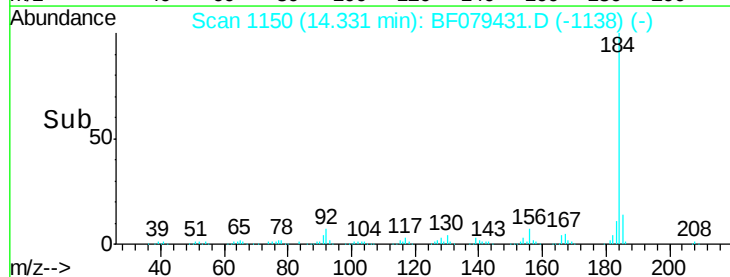
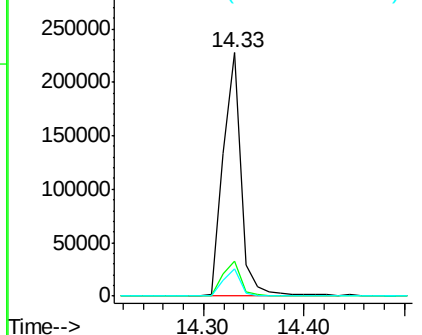
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 285184 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.4  | 12.8  | 19.2   |
| 183       | 11.1  | 9.0   | 13.4   |

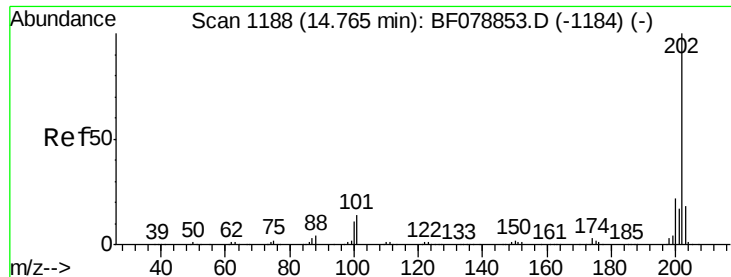


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





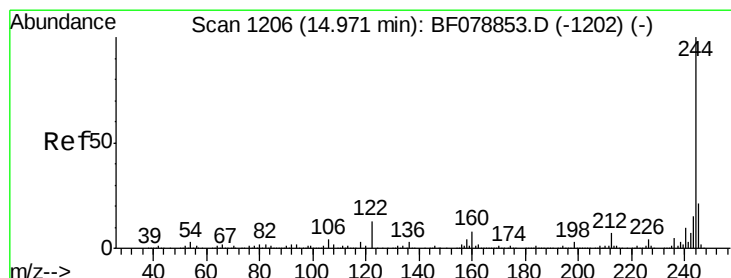
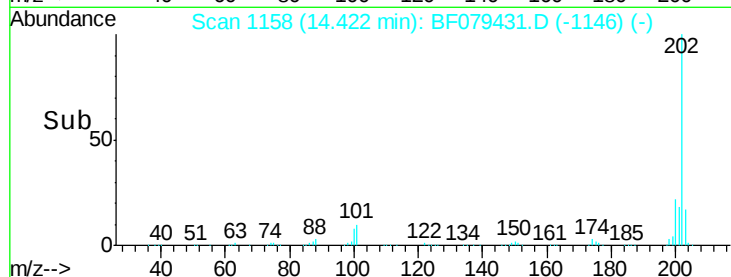
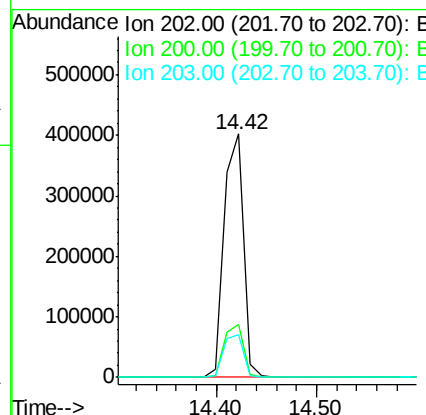
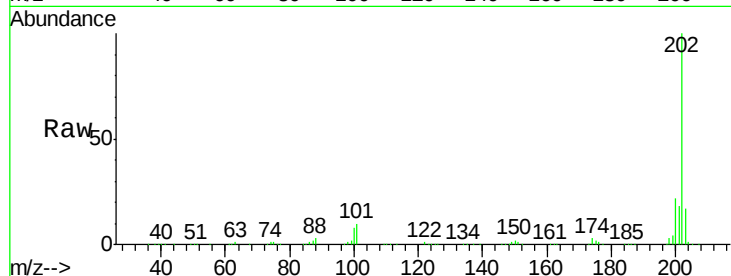
#77  
Pvrene  
Concen: 44.28 ng  
RT: 14.42 min Scan# 1158  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 22.0  | 17.5       | 26.3  |
| 203     | 17.4  | 14.7       | 22.1  |

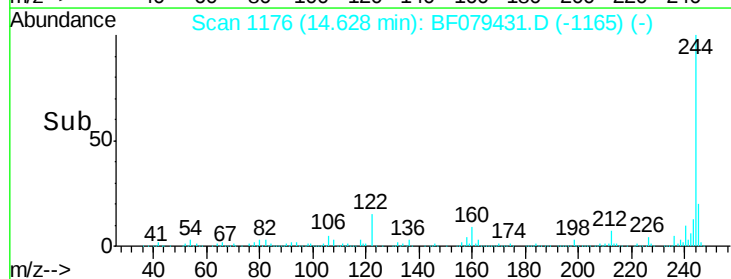
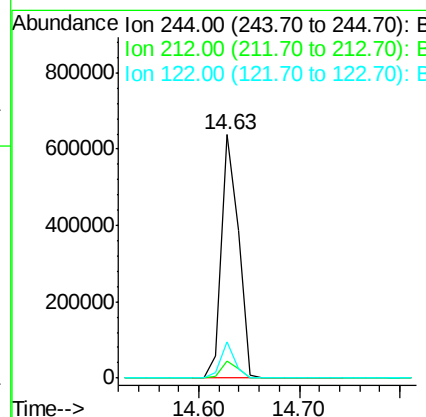
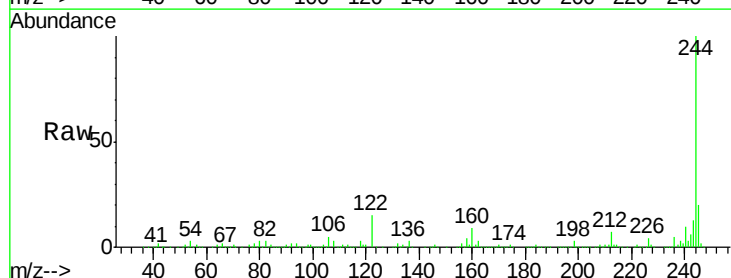
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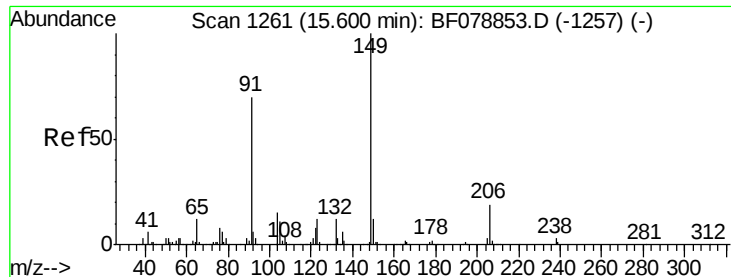
apatel  
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#78  
Terphenyl-d14  
Concen: 85.72 ng  
RT: 14.63 min Scan# 1176  
Delta R.T. -0.02 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.1   | 5.6        | 8.4   |
| 122     | 14.9  | 10.5       | 15.7  |





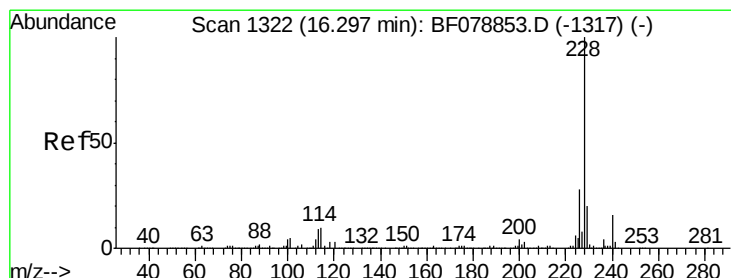
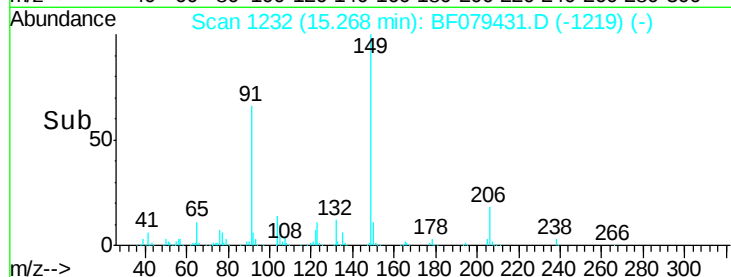
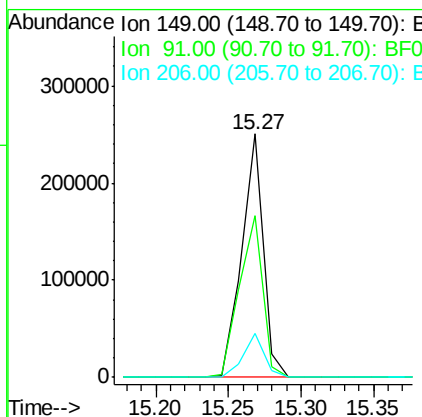
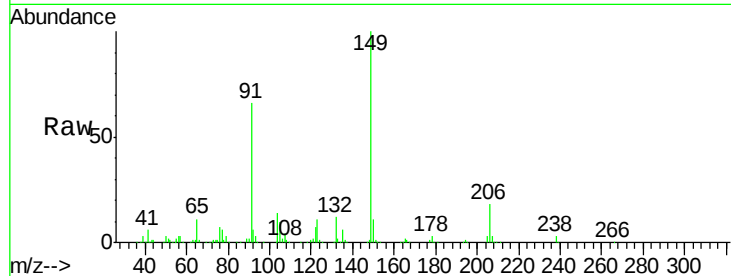
#79  
Butylbenzylphthalate  
Concen: 48.87 ng  
RT: 15.27 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 258442 |       |       |
| 91      | 66.5  | 56.2   | 84.2  |       |
| 206     | 18.0  | 15.2   | 22.8  |       |

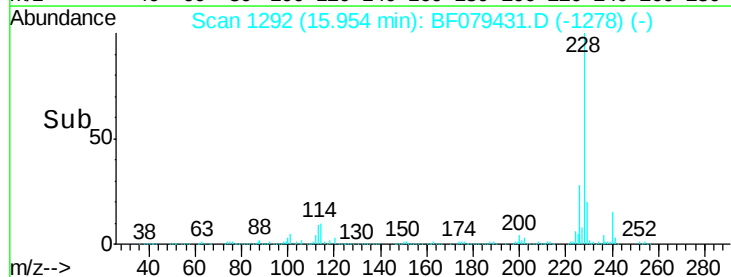
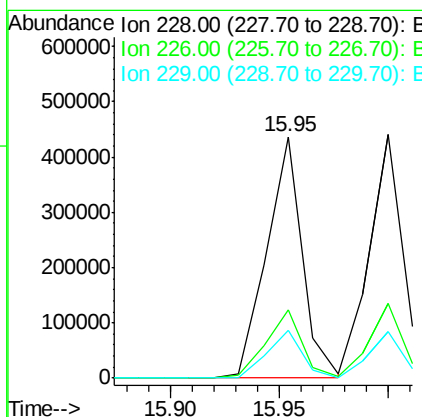
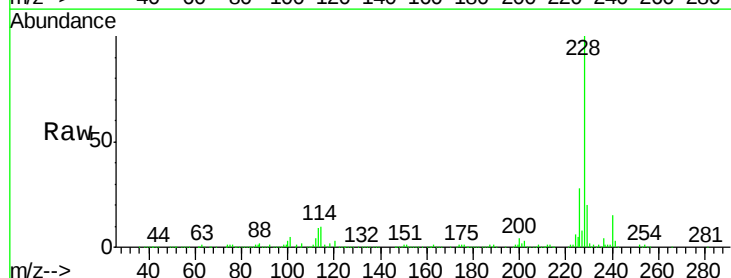
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#80  
Benzo(a)anthracene  
Concen: 43.60 ng  
RT: 15.95 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 501315 |       |       |
| 226     | 28.3  | 22.3   | 33.5  |       |
| 229     | 19.9  | 16.1   | 24.1  |       |





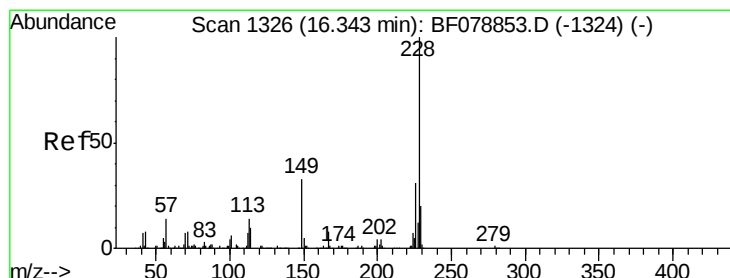
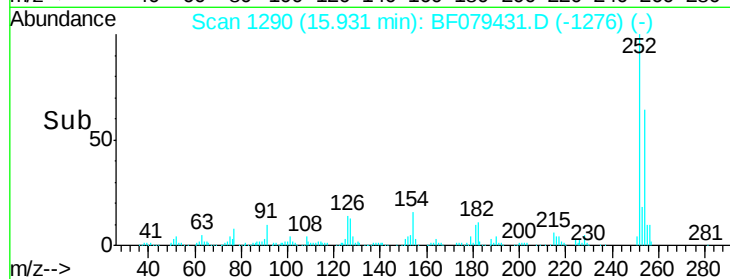
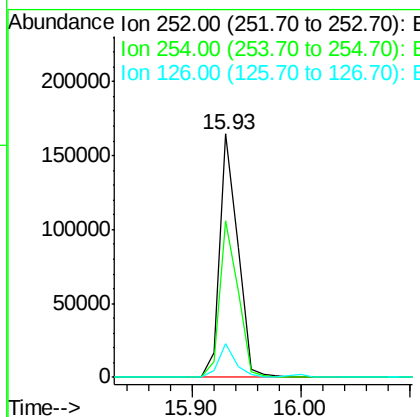
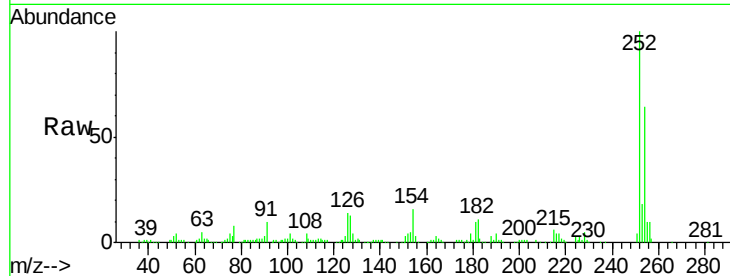
#81  
 3,3'-Dichlorobenzidine  
 Concen: 46.73 ng  
 RT: 15.93 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 191369 |       |       |
| 254     | 64.2  | 52.2   | 78.2  |       |
| 126     | 13.8  | 6.6    | 9.8   |       |

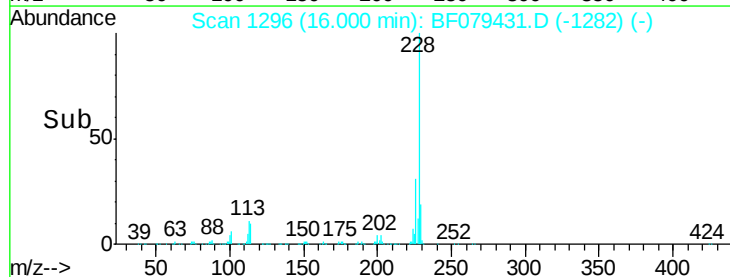
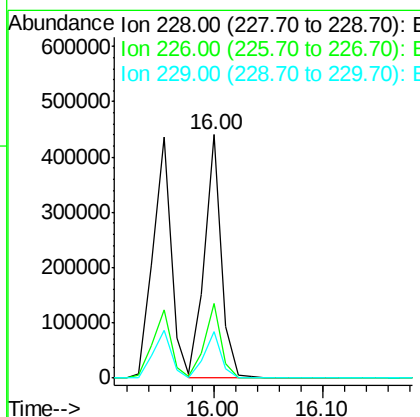
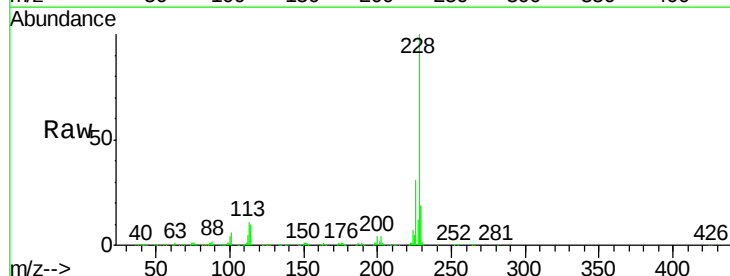
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#82  
 Chrysene  
 Concen: 43.22 ng  
 RT: 16.00 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: BF079431.D  
 Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 477995 |       |       |
| 226     | 30.8  | 24.8   | 37.2  |       |
| 229     | 19.4  | 16.1   | 24.1  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.16 ng

RT: 16.03 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

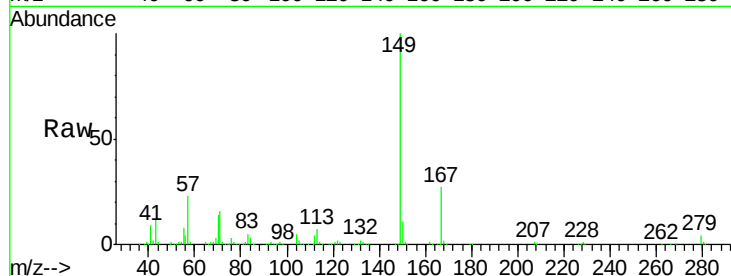
ClientSampleId :

SSTDCCC040

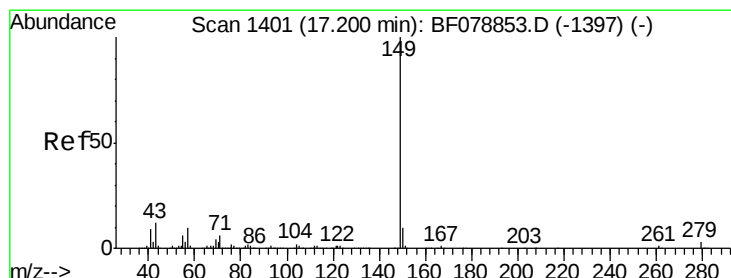
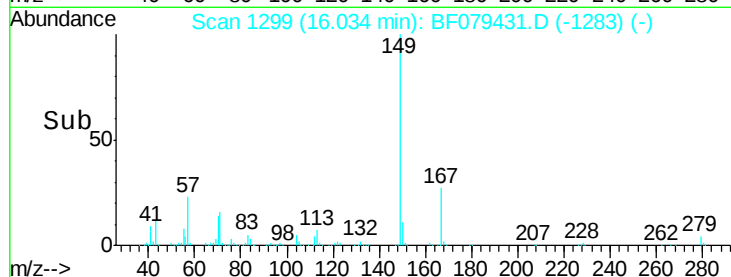
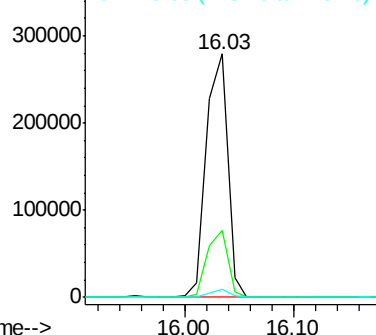
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 377815 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.4  | 21.2  | 31.8   |
| 279       | 3.6   | 2.6   | 4.0    |

Manual Integrations  
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apatel  
5/27/2015 8:15:12 AM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.15 ng

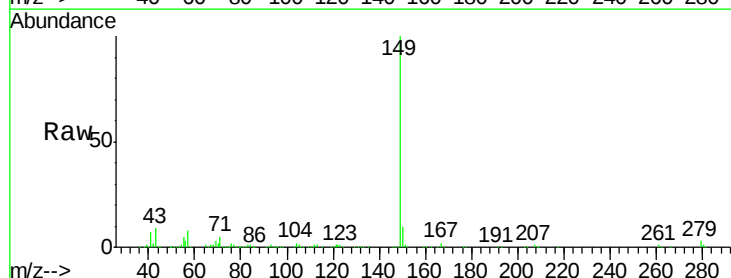
RT: 16.89 min Scan# 1374

Delta R.T. 0.03 min

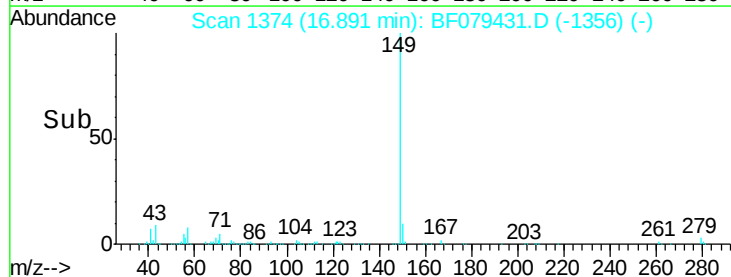
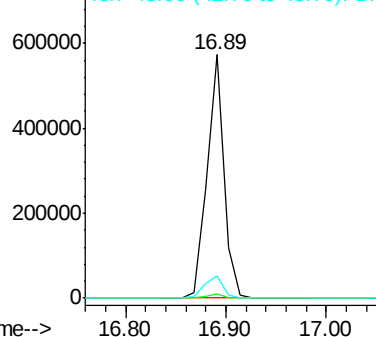
Lab File: BF079431.D

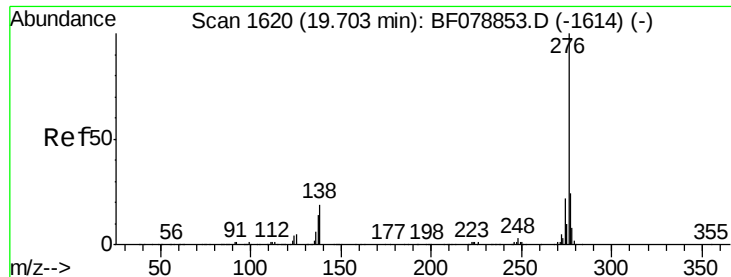
Acq: 22 May 2015 14:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 665240 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.2   | 1.8#   |
| 43        | 9.9   | 9.0   | 13.6   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





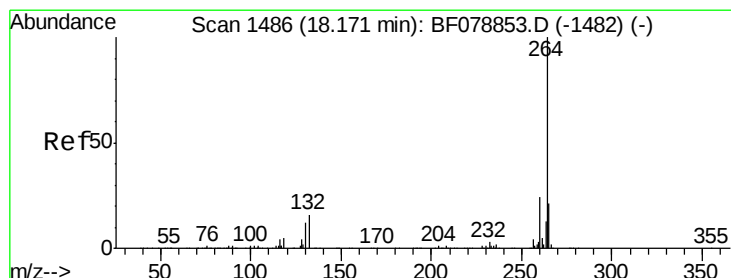
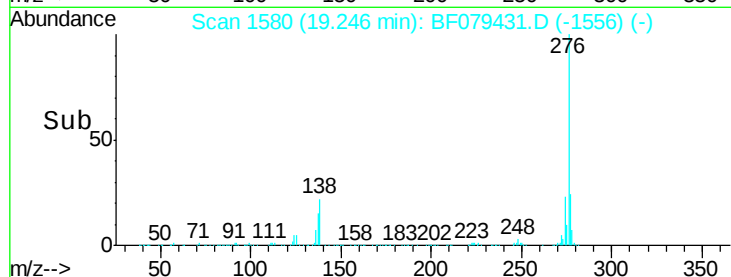
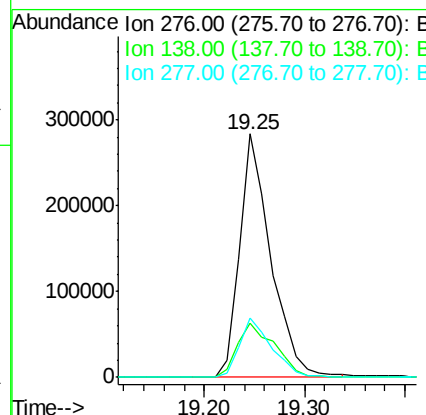
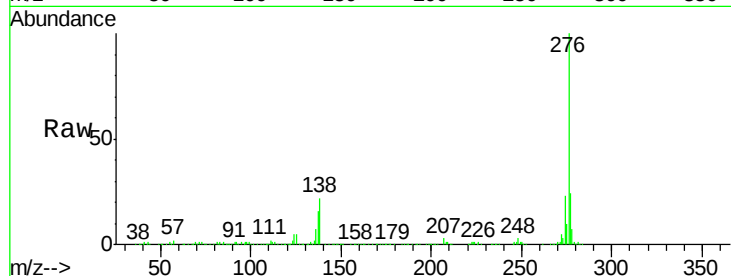
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 43.32 ng  
RT: 19.25 min Scan# 1580  
Delta R.T. 0.07 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.8  | 21.1  | 31.7  |
| 277     | 25.4  | 19.9  | 29.9  |

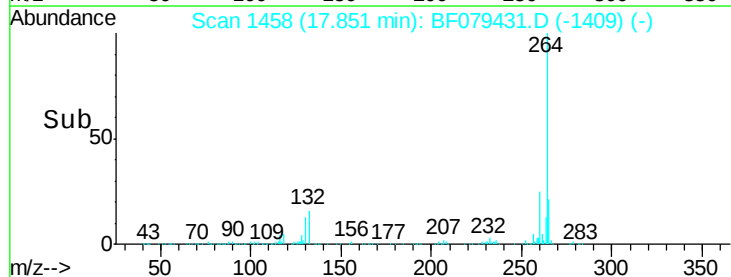
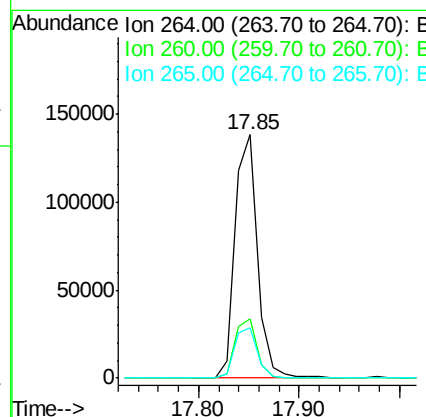
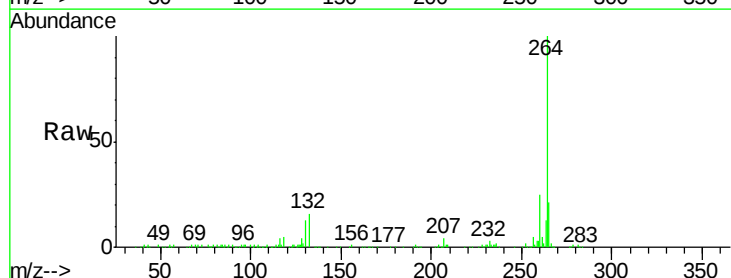
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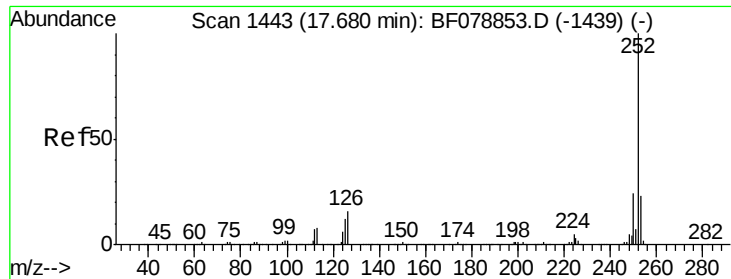
apatel  
5/27/2015 8:15:12 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.85 min Scan# 1458  
Delta R.T. 0.06 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 19.2  | 28.8  |
| 265     | 20.8  | 17.2  | 25.8  |





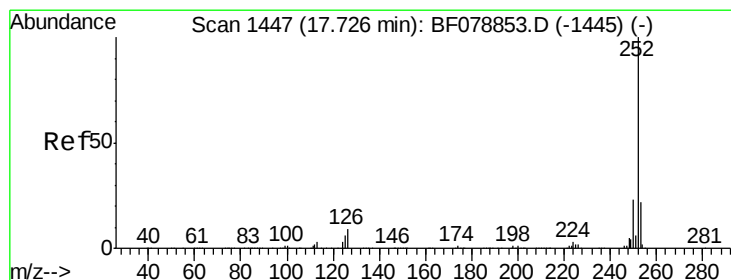
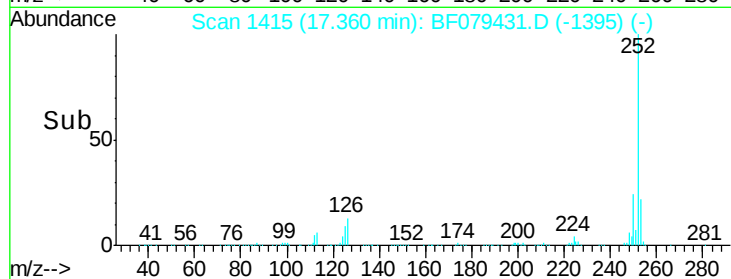
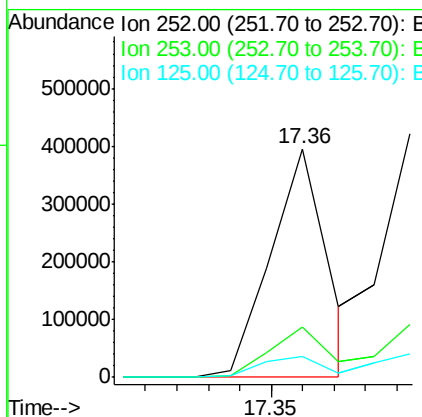
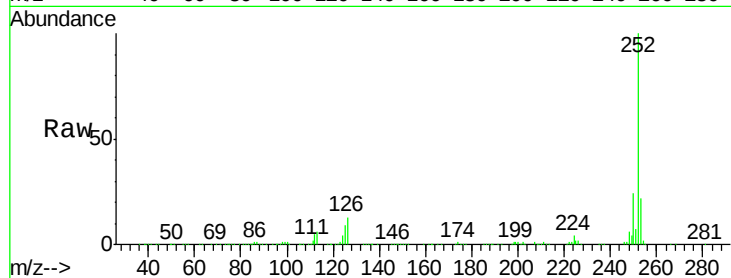
#87  
Benzo(b)fluoranthene  
Concen: 42.20 ng m  
RT: 17.36 min Scan# 1415  
Delta R.T. 0.05 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.1  | 27.1  |
| 125     | 9.1   | 9.4   | 14.2# |

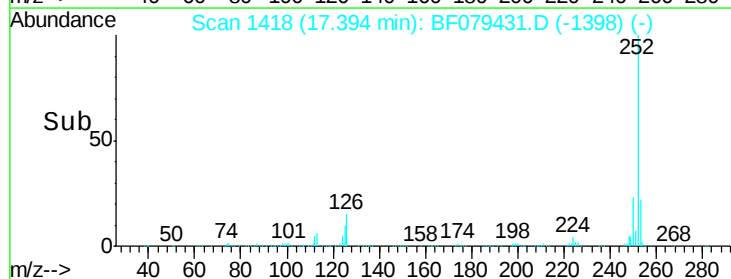
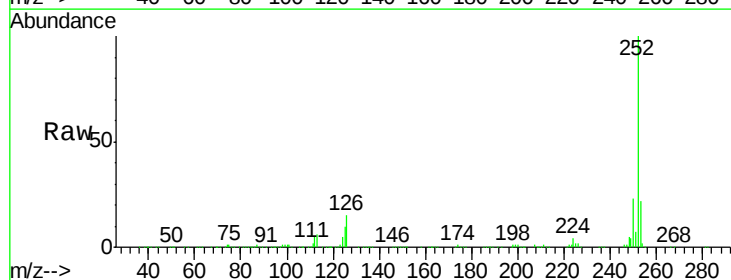
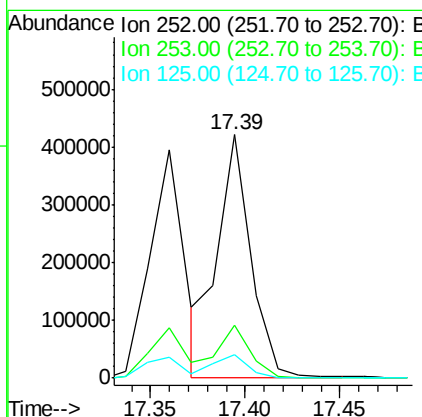
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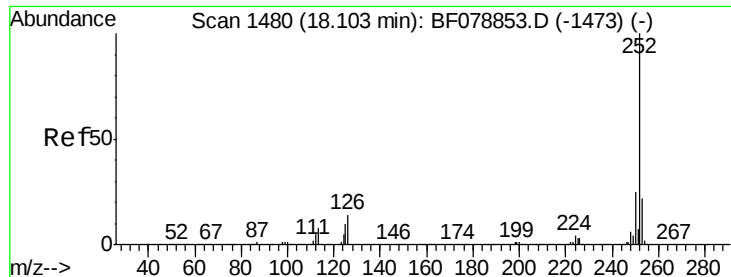
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5/27/2015 8:15:12 AM



#88  
Benzo(k)fluoranthene  
Concen: 45.80 ng m  
RT: 17.39 min Scan# 1418  
Delta R.T. 0.05 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.0  |
| 125     | 9.7   | 6.1   | 9.1#  |





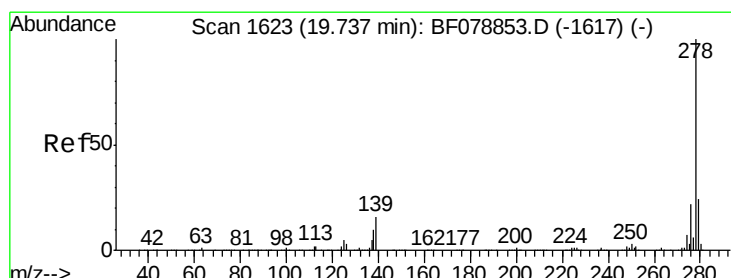
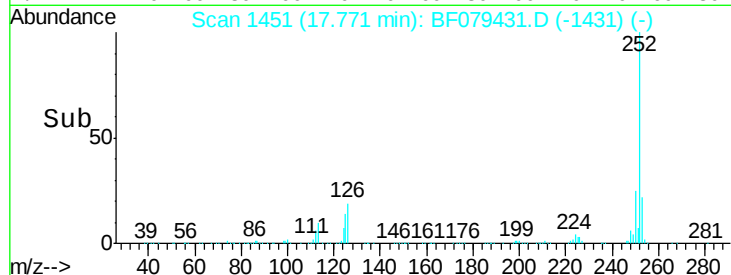
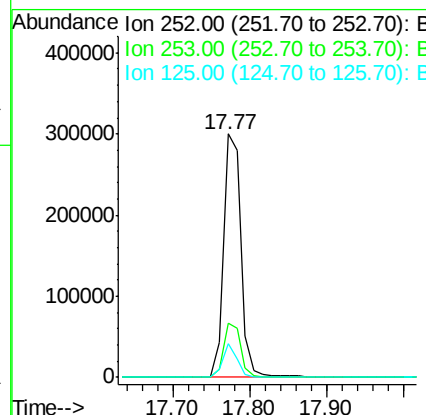
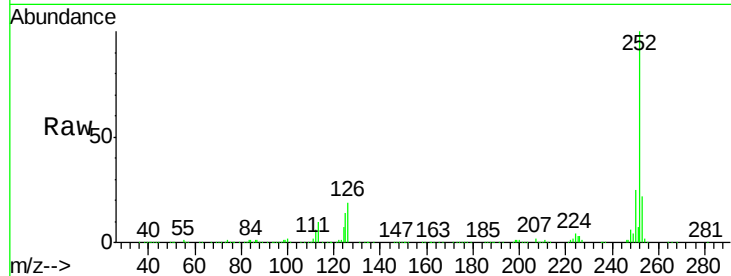
#89  
Benzo(a)pyrene  
Concen: 44.90 ng  
RT: 17.77 min Scan# 1451  
Delta R.T. 0.05 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.0  | 27.0  |
| 125     | 13.7  | 8.2   | 12.2  |

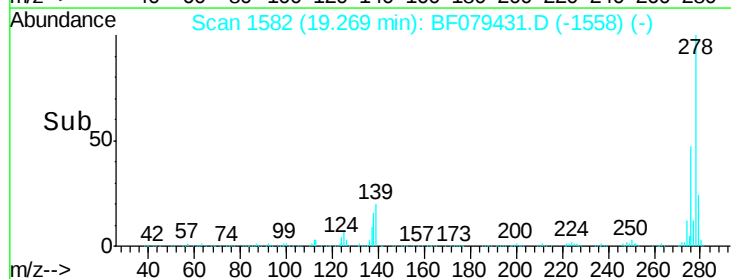
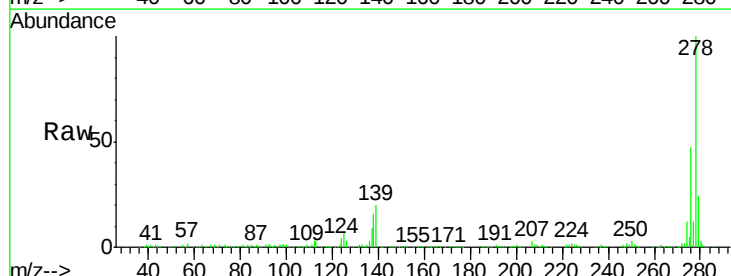
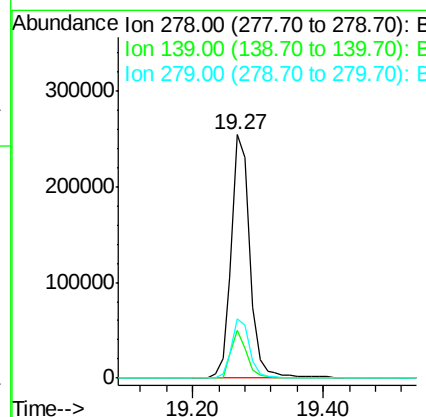
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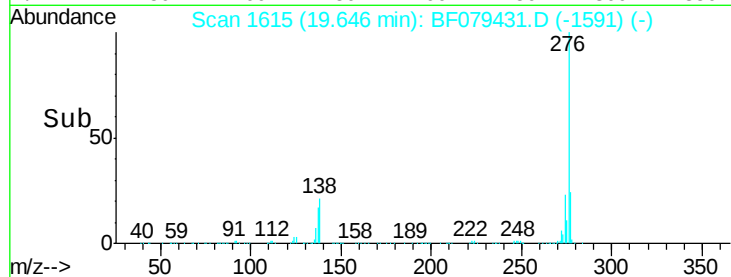
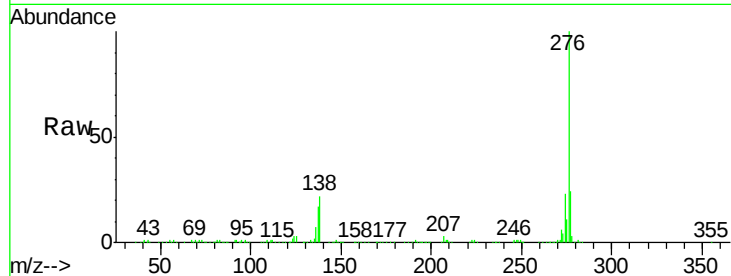
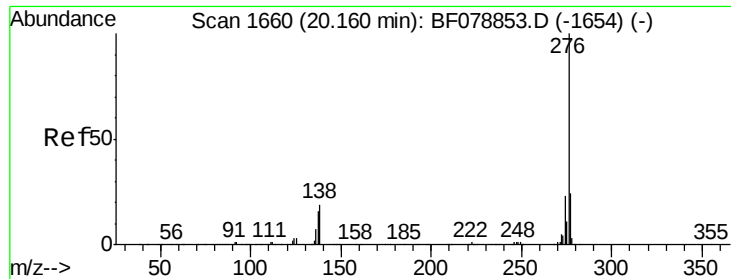
apatel  
5/27/2015 8:15:12 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 44.53 ng  
RT: 19.27 min Scan# 1582  
Delta R.T. 0.07 min  
Lab File: BF079431.D  
Acq: 22 May 2015 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.7  | 13.1  | 19.7  |
| 279     | 24.3  | 19.1  | 28.7  |





#91

Benzo(a,h,i)perylene

Concen: 43.78 ng

RT: 19.65 min Scan# 1615

Delta R.T. 0.07 min

Lab File: BF079431.D

Acq: 22 May 2015 14:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 499498 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.6  | 18.8  | 28.2   |
| 138       | 21.5  | 15.2  | 22.8   |

Manual Integrations  
APPROVED

apatel  
5/27/2015 8:15:12 AM

